

gene	clinEndpt	type	gene_name	gene_type	chr	start	end	strand	length	mean_count	pct_less_than	Estimate	Std.Error	teststat	pval	qval	bonfppval
ENSG0000	remission	Inflamed	RP11-431J	antisense	chrX	16171064	16188992	-	1219	3.212411	0.637232	1.267505	0.199734	6.345974	6.69E-09	0.000176	0.000176
ENSG0000	remission	Inflamed	RP11-1396	pseudoger	chr4	9564791	9565570	+	780	1.331742	0.677804	1.015438	0.179492	5.657304	1.50E-07	0.001966	0.003932
ENSG0000	remission	Inflamed	OSM	protein_cc	chr22	30658818	30662829	-	2114	887.6181	0.011933	-3.468	0.648384	-5.34868	5.71E-07	0.005006	0.015018
ENSG0000	remission	Inflamed	GS1-18A1	antisense	chr7	54624663	54639419	+	3031	3.983294	0.455847	1.341906	0.259186	5.177392	1.18E-06	0.006304	0.031097
ENSG0000	remission	Inflamed	MT-ND1	protein_cc	chrM	3307	4262	+	956	399641.4	0	0.795231	0.155338	5.119343	1.51E-06	0.006304	0.039688
ENSG0000	remission	Inflamed	RP11-77E1	lincRNA	chr9	7786105	7786688	-	584	3.968974	0.25537	1.012701	0.198283	5.107338	1.59E-06	0.006304	0.041734
ENSG0000	remission	Inflamed	RP11-351J	lincRNA	chr6	1.68E+08	1.68E+08	-	4569	6.579952	0.124105	1.142448	0.228321	5.003685	2.44E-06	0.006304	0.064248
ENSG0000	remission	Inflamed	IGKV2-29	IG_V_pseu	chr2	89533655	89534393	-	372	560.7184	0.009547	-2.36318	0.473948	-4.98615	2.63E-06	0.006304	0.069082
ENSG0000	remission	Inflamed	GZMB	protein_cc	chr14	25100160	25103473	-	1408	226.1504	0	-1.92233	0.385929	-4.98105	2.68E-06	0.006304	0.070551
ENSG0000	remission	Inflamed	RP11-712E	pseudoger	chr11	94876801	94878289	+	1489	1.706444	0.599045	0.941644	0.189836	4.960306	2.92E-06	0.006304	0.076856
ENSG0000	remission	Inflamed	CXCL1	protein_cc	chr4	74735110	74736959	+	1296	4821.072	0	-2.88274	0.582171	-4.95171	3.03E-06	0.006304	0.079626
ENSG0000	remission	Inflamed	GLT1D1	protein_cc	chr12	1.29E+08	1.29E+08	+	3474	117.1695	0.078759	-2.74051	0.55653	-4.92429	3.39E-06	0.006304	0.089127
ENSG0000	remission	Inflamed	FCN3	protein_cc	chr1	27695603	27701315	-	2167	72.77566	0.047733	-2.28536	0.466793	-4.89588	3.81E-06	0.006304	0.10013
ENSG0000	remission	Inflamed	HM13	protein_cc	chr20	30102231	30157370	+	5701	6862.408	0	-0.60435	0.123624	-4.88862	3.92E-06	0.006304	0.10315
ENSG0000	remission	Inflamed	FPR1	protein_cc	chr19	52248425	52307363	-	2594	870.6014	0.004773	-3.23508	0.662906	-4.88015	4.06E-06	0.006304	0.106785
ENSG0000	remission	Inflamed	IL8	protein_cc	chr4	74606223	74609433	+	2274	1983.704	0.011933	-3.70059	0.759335	-4.87347	4.17E-06	0.006304	0.109737
ENSG0000	remission	Inflamed	LILRA3	protein_cc	chr19	54799854	54809952	-	1924	317.2888	0.023866	-2.56256	0.52626	-4.86938	4.24E-06	0.006304	0.111583
ENSG0000	remission	Inflamed	TNNC2	protein_cc	chr20	44451853	44462384	-	876	49.20286	0.019093	1.726727	0.356029	4.849959	4.59E-06	0.006304	0.120773
ENSG0000	remission	Inflamed	DRGX	protein_cc	chr10	50572237	50603497	-	2776	23.3747	0.231504	2.407995	0.497298	4.84216	4.74E-06	0.006304	0.124667
ENSG0000	remission	Inflamed	CXCL2	protein_cc	chr4	74962752	74965010	-	1500	829.9189	0.002387	-2.19397	0.453356	-4.8394	4.80E-06	0.006304	0.126073
ENSG0000	remission	Inflamed	CXCR1	protein_cc	chr2	2.19E+08	2.19E+08	-	2488	659.673	0.047733	-3.73137	0.77405	-4.82058	5.18E-06	0.006481	0.136093
ENSG0000	remission	Inflamed	CXCL3	protein_cc	chr4	74902306	74904524	-	2219	1581.253	0	-2.11203	0.440119	-4.79878	5.65E-06	0.006757	0.148657
ENSG0000	remission	Inflamed	IL1B	protein_cc	chr2	1.14E+08	1.14E+08	-	3096	3775.084	0	-2.66749	0.560057	-4.76289	6.54E-06	0.006871	0.171849
ENSG0000	remission	Inflamed	RP11-239J	antisense	chr6	20212318	20317970	+	380	0.973747	0.74463	0.606297	0.127309	4.762409	6.55E-06	0.006871	0.172183
ENSG0000	remission	Inflamed	TREM1	protein_cc	chr6	41235664	41254457	-	4329	395.6802	0.047733	-3.23475	0.680137	-4.75603	6.72E-06	0.006871	0.176663
ENSG0000	remission	Inflamed	OR7E22P	pseudoger	chr3	75405667	75406654	-	988	1.797136	0.618138	1.041625	0.21914	4.753245	6.80E-06	0.006871	0.178658
ENSG0000	remission	Inflamed	HLA-DRB1	protein_cc	chr6	32546546	32557625	-	1229	9992.487	0	-0.93966	0.199042	-4.72092	7.74E-06	0.00732	0.203442
ENSG0000	remission	Inflamed	FBXO6	protein_cc	chr1	11724181	11734411	+	1811	569.2482	0	-0.81195	0.172365	-4.71064	8.06E-06	0.00732	0.211997
ENSG0000	remission	Inflamed	THNSL2	protein_cc	chr2	88469835	88486146	+	6401	662.4368	0	0.850912	0.180649	4.710294	8.07E-06	0.00732	0.212291
ENSG0000	remission	Inflamed	TINCR	lincRNA	chr19	5558178	5568045	-	3925	171.8067	0	1.621198	0.344942	4.699921	8.42E-06	0.007352	0.221293
ENSG0000	remission	Inflamed	IFITM1	protein_cc	chr11	313506	315272	+	1080	3878.456	0	-1.08675	0.231592	-4.69255	8.67E-06	0.007352	0.227914
ENSG0000	remission	Inflamed	FKBP11	protein_cc	chr12	49315301	49320257	-	4957	3185.27	0	-1.07644	0.230379	-4.67247	9.39E-06	0.007492	0.246937
ENSG0000	remission	Inflamed	HLA-B	protein_cc	chr6	31321649	31324965	-	3012	102666.4	0	-0.4902	0.105355	-4.65285	1.02E-05	0.007492	0.267012
ENSG0000	remission	Inflamed	GPR97	protein_cc	chr16	57702099	57723975	+	3593	656.5012	0	-2.30984	0.49737	-4.64411	1.05E-05	0.007492	0.276446
ENSG0000	remission	Inflamed	DUSP5	protein_cc	chr10	1.12E+08	1.12E+08	+	2615	1963.702	0	-1.06857	0.23019	-4.64213	1.06E-05	0.007492	0.278629
ENSG0000	remission	Inflamed	RNASE2	protein_cc	chr14	21423611	21424595	+	755	21.95704	0.069212	-1.676	0.3611	-4.64136	1.06E-05	0.007492	0.279481
ENSG0000	remission	Inflamed	RPL29P30	pseudoger	chr15	71088936	71095027	-	946	4.661098	0.48926	1.333048	0.288327	4.623394	1.14E-05	0.007492	0.300139
ENSG0000	remission	Inflamed	S100A8	protein_cc	chr1	1.53E+08	1.53E+08	-	1006	1747.105	0	-3.6411	0.787703	-4.62243	1.15E-05	0.007492	0.301292
ENSG0000	remission	Inflamed	S100A9	protein_cc	chr1	1.53E+08	1.53E+08	+	577	4812.239	0	-3.22235	0.697561	-4.61945	1.16E-05	0.007492	0.304869

ENSG0000	remission	Inflamed	MT-ND2	protein_cc chrM	4470	5511	+	1042	402854.8	0	0.779148	0.168791	4.616057	1.18E-05	0.007492	0.308992
ENSG0000	remission	Inflamed	VAMP5	protein_cc chr2	85811531	85820535	+	819	458.8258	0	-0.98969	0.214821	-4.60706	1.22E-05	0.007492	0.320193
ENSG0000	remission	Inflamed	FFAR2	protein_cc chr19	35934809	35942669	+	2149	712.7422	0	-2.35057	0.510371	-4.6056	1.22E-05	0.007492	0.322042
ENSG0000	remission	Inflamed	SOCS3	protein_cc chr17	76352864	76356158	-	2729	6163.48	0	-2.07433	0.4504	-4.60552	1.23E-05	0.007492	0.322147
ENSG0000	remission	Inflamed	SOCS1	protein_cc chr16	11348262	11350036	-	1225	621.043	0	-1.48478	0.32453	-4.57516	1.38E-05	0.008254	0.363172
ENSG0000	remission	Inflamed	FCGR3B	protein_cc chr1	1.62E+08	1.62E+08	-	2964	927.5442	0.026253	-3.44768	0.755787	-4.56171	1.46E-05	0.008354	0.382916
ENSG0000	remission	Inflamed	CFB	protein_cc chr6	31895475	31919861	+	6622	1577.456	0	-1.4037	0.307774	-4.56081	1.46E-05	0.008354	0.384277
ENSG0000	remission	Inflamed	HLA-DRB5	protein_cc chr6	32485120	32498064	-	1260	3516.229	0.002387	-1.14909	0.252658	-4.54801	1.54E-05	0.008569	0.4041
ENSG0000	remission	Inflamed	RP11-3761	pseudoger chr1	84810361	84815622	+	905	1.945107	0.546539	0.85536	0.188444	4.539063	1.59E-05	0.008569	0.418541
ENSG0000	remission	Inflamed	MT-ATP8	protein_cc chrM	8366	8572	+	207	114755.2	0	0.738505	0.162729	4.538239	1.60E-05	0.008569	0.419895
ENSG0000	remission	Inflamed	PLA2G16	protein_cc chr11	63340667	63384355	-	3104	413.9117	0	-0.94818	0.209412	-4.52782	1.66E-05	0.008748	0.437393
ENSG0000	remission	Inflamed	DDIT4	protein_cc chr10	74033678	74035794	+	2058	2590.625	0	-0.96884	0.214722	-4.51205	1.77E-05	0.009003	0.465232
ENSG0000	remission	Inflamed	MT-CYB	protein_cc chrM	14747	15887	+	1141	582371.6	0	0.751809	0.166705	4.509805	1.79E-05	0.009003	0.469335
ENSG0000	remission	Inflamed	IL15RA	protein_cc chr10	5990855	6020150	-	3168	1020.833	0	-0.7527	0.16706	-4.50558	1.81E-05	0.009003	0.477155
ENSG0000	remission	Inflamed	AQP9	protein_cc chr15	58430368	58478110	+	3235	823.1742	0.073986	-3.57876	0.796199	-4.49481	1.89E-05	0.009157	0.497624
ENSG0000	remission	Inflamed	CCDC175	protein_cc chr14	59971257	60043549	-	3245	5.054893	0.329356	1.360812	0.30296	4.491725	1.92E-05	0.009157	0.503653
ENSG0000	remission	Inflamed	SIL1	protein_cc chr5	1.38E+08	1.39E+08	-	4011	1494.594	0	-0.58007	0.129607	-4.47557	2.04E-05	0.00945	0.536348
ENSG0000	remission	Inflamed	HCAR3	protein_cc chr12	1.23E+08	1.23E+08	-	2137	822.642	0.0358	-3.43691	0.770178	-4.46249	2.15E-05	0.00945	0.564332
ENSG0000	remission	Inflamed	CSF3	protein_cc chr17	38171614	38174066	+	2220	562.5227	0.124105	-3.85959	0.866722	-4.45309	2.23E-05	0.00945	0.585299
ENSG0000	remission	Inflamed	FPR2	protein_cc chr19	52255279	52273779	+	3700	383.5131	0.0358	-2.9817	0.669779	-4.45177	2.24E-05	0.00945	0.588313
ENSG0000	remission	Inflamed	CLEC4E	protein_cc chr12	8685901	8693559	-	2422	141.1981	0.026253	-2.32987	0.523589	-4.4498	2.25E-05	0.00945	0.592811
ENSG0000	remission	Inflamed	PSMB9	protein_cc chr6	32811913	32827362	+	3072	2134.874	0	-0.87236	0.19611	-4.44835	2.27E-05	0.00945	0.596159
ENSG0000	remission	Inflamed	FAM167B	protein_cc chr1	32712834	32714457	+	936	193.5322	0	-1.03929	0.233974	-4.44191	2.32E-05	0.00945	0.611222
ENSG0000	remission	Inflamed	CHI3L1	protein_cc chr1	2.03E+08	2.03E+08	-	3408	5806.971	0.002387	-3.50614	0.790076	-4.43772	2.36E-05	0.00945	0.621209
ENSG0000	remission	Inflamed	NLRP12	protein_cc chr19	54296857	54327648	-	5100	70.80907	0.02148	-2.08346	0.46989	-4.43393	2.40E-05	0.00945	0.630387
ENSG0000	remission	Inflamed	MT-ATP6	protein_cc chrM	8527	9207	+	681	553274.8	0	0.686614	0.154858	4.433822	2.40E-05	0.00945	0.630662
ENSG0000	remission	Inflamed	MT-ND4L	protein_cc chrM	10470	10766	+	297	141014.5	0	0.702432	0.158468	4.432645	2.41E-05	0.00945	0.633538
ENSG0000	remission	Inflamed	RP11-8201	pseudoger chr17	28102765	28103719	-	955	2.264916	0.479714	0.882056	0.199139	4.429344	2.44E-05	0.00945	0.64168
ENSG0000	remission	Inflamed	RP11-290F	lincRNA chr20	48884023	48896332	+	2451	238.5823	0	-1.84389	0.416325	-4.42896	2.44E-05	0.00945	0.642628
ENSG0000	remission	Inflamed	C19orf38	protein_cc chr19	10947251	10980466	+	1565	155.2983	0	-1.32234	0.299206	-4.41949	2.54E-05	0.009545	0.666576
ENSG0000	remission	Inflamed	CCL3	protein_cc chr17	34415602	34417515	-	1494	408.074	0	-2.1281	0.481591	-4.41888	2.54E-05	0.009545	0.668152
ENSG0000	remission	Inflamed	NT5DC2	protein_cc chr3	52558386	52569070	-	4734	1943.831	0	-0.87881	0.199114	-4.41362	2.59E-05	0.009604	0.681872
ENSG0000	remission	Inflamed	RP11-3301	lincRNA chr2	2.2E+08	2.2E+08	-	456	68.11217	0	1.069152	0.243673	4.387655	2.87E-05	0.010235	0.753586
ENSG0000	remission	Inflamed	EMR3	protein_cc chr19	14729929	14800839	-	2837	147.7947	0	-1.89805	0.432729	-4.38624	2.88E-05	0.010235	0.757705
ENSG0000	remission	Inflamed	IFI35	protein_cc chr17	41158742	41166473	+	1973	1526.986	0	-0.5705	0.130127	-4.38417	2.91E-05	0.010235	0.763749
ENSG0000	remission	Inflamed	UBE2L6	protein_cc chr11	57319129	57335757	-	2197	2738.088	0	-1.01145	0.230966	-4.37922	2.96E-05	0.010235	0.778428
ENSG0000	remission	Inflamed	TPST2	protein_cc chr22	26921458	26992681	-	3448	1234.384	0	-0.81118	0.185361	-4.3762	3.00E-05	0.010235	0.787507
ENSG0000	remission	Inflamed	LRRN2	protein_cc chr1	2.05E+08	2.05E+08	-	5681	610.3294	0	1.799798	0.411645	4.372206	3.04E-05	0.010235	0.799659
ENSG0000	remission	Inflamed	CXCR2	protein_cc chr2	2.19E+08	2.19E+08	+	3231	690.4177	0.00716	-3.08331	0.705585	-4.36986	3.07E-05	0.010235	0.806877
ENSG0000	remission	Inflamed	MT-TL1	Mt_trNA chrM	3230	3304	+	75	1825.912	0	1.011396	0.231476	4.369327	3.08E-05	0.010235	0.808541

ENSG0000	remission	Inflamed	MT-ND4	protein_cc chrM	10760	12137	+	1378	936839	0	0.714245	0.163595	4.365931	3.12E-05	0.010239	0.819141
ENSG0000	remission	Inflamed	LILRA5	protein_cc chr19	54818353	54824409	-	1762	380.7303	0	-1.94393	0.447472	-4.34424	3.39E-05	0.010988	0.890049
ENSG0000	remission	Inflamed	PADI2	protein_cc chr1	17393256	17445948	-	6002	14448.26	0	1.938856	0.447615	4.33153	3.55E-05	0.011394	0.934338
ENSG0000	remission	Inflamed	EDEM2	protein_cc chr20	33703167	33865928	-	3380	1535.439	0	-0.40374	0.093607	-4.31312	3.81E-05	0.012075	1
ENSG0000	remission	Inflamed	RP11-396C	lincRNA chr11	15723509	15780444	-	993	83.0716	0.097852	2.110749	0.49031	4.304924	3.93E-05	0.012309	1
ENSG0000	remission	Inflamed	IFITM2	protein_cc chr11	307631	315272	+	1307	4973.387	0	-1.41515	0.329203	-4.29872	4.03E-05	0.012426	1
ENSG0000	remission	Inflamed	SDF2L1	protein_cc chr22	21996550	21998587	+	1099	1467.002	0	-0.83693	0.194805	-4.29625	4.06E-05	0.012426	1
ENSG0000	remission	Inflamed	HBD	protein_cc chr11	5253908	5256600	-	1062	8.539379	0.221957	-1.46765	0.342716	-4.28241	4.28E-05	0.012819	1
ENSG0000	remission	Inflamed	CYBA	protein_cc chr16	88709691	88717560	-	3357	9033.723	0	-0.71391	0.166813	-4.27972	4.33E-05	0.012819	1
ENSG0000	remission	Inflamed	IFITM3	protein_cc chr11	319669	327537	-	1348	11468.4	0	-1.04851	0.245215	-4.27587	4.39E-05	0.012819	1
ENSG0000	remission	Inflamed	TOR3A	protein_cc chr1	1.79E+08	1.79E+08	+	3917	2074.301	0	-0.59924	0.140347	-4.26971	4.50E-05	0.012819	1
ENSG0000	remission	Inflamed	REG1A	protein_cc chr2	79347488	79350545	+	1725	18254.48	0.00716	-4.41607	1.034422	-4.26912	4.50E-05	0.012819	1
ENSG0000	remission	Inflamed	BCL2L1	protein_cc chr20	30252255	30311792	-	3314	4955.94	0	-0.51163	0.119964	-4.26486	4.58E-05	0.012819	1
ENSG0000	remission	Inflamed	AP001046	lincRNA chr21	44778027	44782229	-	2798	88.71838	0.009547	-1.56486	0.367002	-4.26391	4.59E-05	0.012819	1
ENSG0000	remission	Inflamed	VNN3	protein_cc chr6	1.33E+08	1.33E+08	-	3846	37.42959	0.159905	-2.14788	0.504102	-4.26081	4.65E-05	0.012819	1
ENSG0000	remission	Inflamed	SIAH2-AS1	antisense chr3	1.5E+08	1.5E+08	+	441	2.410501	0.408115	0.705976	0.165843	4.256895	4.72E-05	0.012819	1
ENSG0000	remission	Inflamed	IFI30	protein_cc chr19	18283972	18288927	+	2481	819.1885	0	-1.09765	0.257867	-4.25663	4.72E-05	0.012819	1
ENSG0000	remission	Inflamed	CEBPD	protein_cc chr8	48649471	48651648	-	2178	2404.036	0	-0.89952	0.211441	-4.25422	4.77E-05	0.012819	1
ENSG0000	remission	Inflamed	CNNM2	protein_cc chr10	1.05E+08	1.05E+08	+	16324	1473.356	0	0.843562	0.198492	4.249856	4.85E-05	0.012819	1
ENSG0000	remission	Inflamed	PRRX2	protein_cc chr9	1.32E+08	1.32E+08	+	1233	97.34845	0.002387	-1.47336	0.346832	-4.24805	4.88E-05	0.012819	1
ENSG0000	remission	Inflamed	HCAR2	protein_cc chr12	1.23E+08	1.23E+08	-	2051	522.4296	0.011933	-2.78308	0.655197	-4.24769	4.88E-05	0.012819	1
ENSG0000	remission	Inflamed	AC110619	pseudoger chr2	2.41E+08	2.41E+08	-	1667	11.68496	0.212411	1.488713	0.350655	4.245522	4.92E-05	0.012819	1
ENSG0000	remission	Inflamed	FAM163B	protein_cc chr9	1.36E+08	1.36E+08	-	811	14.49165	0.357995	1.910035	0.450356	4.241163	5.01E-05	0.012867	1
ENSG0000	remission	Inflamed	ENDOD1	protein_cc chr11	94822974	94865809	+	4687	3218.8	0	1.154346	0.272346	4.238532	5.06E-05	0.012867	1
ENSG0000	remission	Inflamed	XBP1	protein_cc chr22	29190543	29196585	-	3028	22224.73	0	-1.01862	0.240519	-4.23507	5.12E-05	0.012867	1
ENSG0000	remission	Inflamed	FOXP1-IT1	sense_intr chr3	71619406	71623608	-	3539	3.040573	0.386635	0.911561	0.215293	4.234057	5.14E-05	0.012867	1
ENSG0000	remission	Inflamed	CDC25B	protein_cc chr20	3767578	3786762	+	4149	3511.518	0	-0.85203	0.201446	-4.22955	5.23E-05	0.012867	1
ENSG0000	remission	Inflamed	DRD2	protein_cc chr11	1.13E+08	1.13E+08	-	4117	16.50358	0.052506	1.193539	0.282218	4.229139	5.24E-05	0.012867	1
ENSG0000	remission	Inflamed	PHOSPHO:	protein_cc chr17	47300724	47308128	-	2375	73.46062	0.02864	-2.20804	0.522654	-4.22468	5.33E-05	0.012867	1
ENSG0000	remission	Inflamed	IGKV2-26	IG_V_pseu chr2	89495584	89496317	-	343	31.88305	0.047733	-1.5773	0.373388	-4.22428	5.33E-05	0.012867	1
ENSG0000	remission	Inflamed	MAGI1-IT1	sense_intr chr3	65858490	65940233	-	2567	7.680191	0.143198	1.169699	0.277713	4.211905	5.59E-05	0.013357	1
ENSG0000	remission	Inflamed	CCL4	protein_cc chr17	34430983	34433014	+	2032	449.0811	0	-1.67498	0.398682	-4.20129	5.82E-05	0.013774	1
ENSG0000	remission	Inflamed	OTOP2	protein_cc chr17	72920370	72930007	+	2778	1512.286	0.02148	3.24085	0.771914	4.19846	5.88E-05	0.013797	1
ENSG0000	remission	Inflamed	S100A11	protein_cc chr1	1.52E+08	1.52E+08	-	680	12689.97	0	-0.82673	0.197088	-4.19471	5.96E-05	0.013843	1
ENSG0000	remission	Inflamed	ARPC1B	protein_cc chr7	98971872	98992424	+	3979	5711.695	0	-0.50779	0.121108	-4.19283	6.00E-05	0.013843	1
ENSG0000	remission	Inflamed	HLA-DQB1	protein_cc chr6	32627244	32636160	-	4904	3107.112	0	-1.00274	0.239603	-4.18501	6.18E-05	0.01413	1
ENSG0000	remission	Inflamed	KYNU	protein_cc chr2	1.44E+08	1.44E+08	+	3070	329.8353	0	-2.05154	0.491196	-4.17661	6.38E-05	0.014262	1
ENSG0000	remission	Inflamed	AC073133	lincRNA chr7	1.56E+08	1.56E+08	-	432	6.539379	0.317422	1.152591	0.276012	4.175876	6.40E-05	0.014262	1
ENSG0000	remission	Inflamed	SEC13	protein_cc chr3	10334815	10362862	-	5446	4716.893	0	-0.34882	0.083537	-4.17563	6.40E-05	0.014262	1
ENSG0000	remission	Inflamed	PDE6A	protein_cc chr5	1.49E+08	1.49E+08	-	7414	165.7232	0.083532	2.301396	0.552007	4.169139	6.56E-05	0.014349	1

ENSG0000	remission	Inflamed	CEACAM4	protein_cc chr19	42125344	42133442	-	1364	61.88067	0.02148	-1.63186	0.391494	-4.16829	6.58E-05	0.014349	1
ENSG0000	remission	Inflamed	GNA15	protein_cc chr19	3136191	3163767	+	2613	803.0692	0	-1.12255	0.269373	-4.16727	6.60E-05	0.014349	1
ENSG0000	remission	Inflamed	ALPL	protein_cc chr1	21835858	21904905	+	3014	1299.1	0	-1.98064	0.475915	-4.16175	6.74E-05	0.014527	1
ENSG0000	remission	Inflamed	CHAC1	protein_cc chr15	41245160	41248710	+	2051	337.7088	0	-1.33829	0.321747	-4.15945	6.80E-05	0.014533	1
ENSG0000	remission	Inflamed	NKG7	protein_cc chr19	51874860	51875969	-	935	417.8496	0	-0.99964	0.240833	-4.15076	7.02E-05	0.014638	1
ENSG0000	remission	Inflamed	PROK2	protein_cc chr3	71820807	71834357	-	1612	324.9403	0.116945	-3.33477	0.803936	-4.14806	7.09E-05	0.014638	1
ENSG0000	remission	Inflamed	CKB	protein_cc chr14	1.04E+08	1.04E+08	-	2669	26282.63	0	1.968112	0.474468	4.148037	7.09E-05	0.014638	1
ENSG0000	remission	Inflamed	RAB40B	protein_cc chr17	80612849	80656604	-	6194	803.2124	0	0.679488	0.163894	4.145898	7.15E-05	0.014638	1
ENSG0000	remission	Inflamed	CALN1	protein_cc chr7	71244476	71912136	-	10029	4.494033	0.587112	1.553338	0.374856	4.143823	7.21E-05	0.014638	1
ENSG0000	remission	Inflamed	AC092168	sense_intr chr2	1.01E+08	1.01E+08	+	717	2.847255	0.393795	0.900283	0.217302	4.143001	7.23E-05	0.014638	1
ENSG0000	remission	Inflamed	CRELD2	protein_cc chr22	50311815	50321188	+	5165	2782.222	0	-0.64827	0.156489	-4.14262	7.24E-05	0.014638	1
ENSG0000	remission	Inflamed	FGR	protein_cc chr1	27938575	27961788	-	3474	1172.723	0	-1.53787	0.371713	-4.13725	7.38E-05	0.014819	1
ENSG0000	remission	Inflamed	FCRLB	protein_cc chr1	1.62E+08	1.62E+08	+	2592	55.11217	0.00716	-1.41609	0.343364	-4.12415	7.75E-05	0.015148	1
ENSG0000	remission	Inflamed	RNU6-353	snRNA chr15	43994561	43994668	+	108	1.923628	0.565632	0.725329	0.17592	4.123054	7.78E-05	0.015148	1
ENSG0000	remission	Inflamed	MMP3	protein_cc chr11	1.03E+08	1.03E+08	-	2048	6591.585	0	-3.39246	0.822938	-4.12237	7.80E-05	0.015148	1
ENSG0000	remission	Inflamed	TYMP	protein_cc chr22	50964181	50968485	-	3320	5059.427	0	-1.13429	0.275346	-4.11949	7.89E-05	0.015148	1
ENSG0000	remission	Inflamed	RP11-219E	lincRNA chr14	21366144	21404414	-	351	3.718377	0.587112	0.850802	0.206599	4.118132	7.93E-05	0.015148	1
ENSG0000	remission	Inflamed	LILRB4	protein_cc chr19	55155340	55181810	+	6475	1117.642	0	-1.29775	0.315391	-4.11472	8.03E-05	0.015148	1
ENSG0000	remission	Inflamed	C19orf59	protein_cc chr19	7741514	7744712	+	1906	68.80191	0.221957	-2.608	0.634024	-4.1134	8.07E-05	0.015148	1
ENSG0000	remission	Inflamed	FAM92B	protein_cc chr16	85131965	85146114	-	1897	51.49881	0.042959	-2.02833	0.49319	-4.11267	8.09E-05	0.015148	1
ENSG0000	remission	Inflamed	AC110619	protein_cc chr2	2.41E+08	2.41E+08	-	2347	25.74702	0.088305	1.692903	0.411667	4.112307	8.10E-05	0.015148	1
ENSG0000	remission	Inflamed	GRINA	protein_cc chr8	1.45E+08	1.45E+08	+	2527	6569.487	0	-0.74245	0.180581	-4.11146	8.12E-05	0.015148	1
ENSG0000	remission	Inflamed	TESK2	protein_cc chr1	45809555	45956872	-	3460	541.4821	0	0.509729	0.124036	4.109528	8.18E-05	0.01515	1
ENSG0000	remission	Inflamed	SH3GL2	protein_cc chr9	17579080	17797127	+	2869	10.29833	0.178998	1.095893	0.266956	4.105151	8.32E-05	0.015289	1
ENSG0000	remission	Inflamed	CD68	protein_cc chr17	7482785	7485429	+	2187	264.4391	0	-0.6118	0.149121	-4.1027	8.39E-05	0.015321	1
ENSG0000	remission	Inflamed	ACKR4	protein_cc chr3	1.32E+08	1.32E+08	+	2273	88.51074	0.009547	-1.56476	0.381652	-4.09998	8.48E-05	0.015369	1
ENSG0000	remission	Inflamed	PIM2	protein_cc chrX	48770459	48776301	-	2761	7614.1	0	-1.55832	0.380293	-4.09768	8.55E-05	0.015393	1
ENSG0000	remission	Inflamed	RP11-434t	antisense chr2	1.44E+08	1.44E+08	-	884	3.668258	0.477327	1.064951	0.260232	4.09232	8.72E-05	0.015588	1
ENSG0000	remission	Inflamed	FCGR1A	protein_cc chr1	1.5E+08	1.5E+08	+	2998	118.0024	0.002387	-1.49402	0.365235	-4.09058	8.78E-05	0.015588	1
ENSG0000	remission	Inflamed	RP4-742C1	pseudoger chr22	39487591	39488860	+	640	3.842482	0.279236	-0.84899	0.207702	-4.08755	8.87E-05	0.015595	1
ENSG0000	remission	Inflamed	CTC-5580i	antisense chr5	1.68E+08	1.68E+08	+	3478	45.07876	0.071599	1.789943	0.437979	4.08682	8.90E-05	0.015595	1
ENSG0000	remission	Inflamed	ENTPD5	protein_cc chr14	74424713	74486102	-	10379	7916.606	0	1.422533	0.348588	4.080839	9.10E-05	0.015837	1
ENSG0000	remission	Inflamed	ANKH	protein_cc chr5	14704910	14871887	-	10868	3722.637	0	0.562416	0.137902	4.078383	9.18E-05	0.015843	1
ENSG0000	remission	Inflamed	MT-CO1	protein_cc chrM	5904	7445	+	1542	1910545	0	0.691988	0.169723	4.077162	9.22E-05	0.015843	1
ENSG0000	remission	Inflamed	CLEC4D	protein_cc chr12	8662071	8674962	+	2013	31.95465	0.26253	-2.15713	0.53024	-4.06821	9.53E-05	0.016109	1
ENSG0000	remission	Inflamed	KLK4	protein_cc chr19	51409608	51413994	-	1935	21.04535	0.164678	1.631726	0.401174	4.067381	9.56E-05	0.016109	1
ENSG0000	remission	Inflamed	C6	protein_cc chr5	41142336	41261540	-	4739	11.81384	0.162291	1.232623	0.303054	4.067338	9.56E-05	0.016109	1
ENSG0000	remission	Inflamed	RPS15AP1	pseudoger chr1	45245998	45246387	-	390	9.582339	0.214797	1.137068	0.280389	4.055319	9.99E-05	0.016488	1
ENSG0000	remission	Inflamed	UGT2B10	protein_cc chr4	69681711	69696914	+	1931	4.46778	0.491647	0.966757	0.238424	4.054783	0.0001	0.016488	1
ENSG0000	remission	Inflamed	PLA1A	protein_cc chr3	1.19E+08	1.19E+08	+	2202	133.3294	0.004773	-1.61456	0.398208	-4.05457	0.0001	0.016488	1

ENSG0000	remission	Inflamed	WNT5A-AS1	antisense	chr3	55521727	55522336	+	500	2.642005	0.479714	-0.97038	0.239387	-4.0536	0.000101	0.016488	1
ENSG0000	remission	Inflamed	PSME2P2	pseudogen	chr13	49345264	49345965	+	702	88.68258	0	-0.62981	0.155415	-4.0524	0.000101	0.016488	1
ENSG0000	remission	Inflamed	CSF2	protein_cc	chr5	1.31E+08	1.31E+08	+	783	48.97136	0.143198	-2.21451	0.547098	-4.04774	0.000103	0.016616	1
ENSG0000	remission	Inflamed	RP11-84C1	antisense	chr14	21463996	21467322	-	1398	12.20048	0.360382	1.228158	0.303695	4.044051	0.000104	0.016616	1
ENSG0000	remission	Inflamed	VSIG10	protein_cc	chr12	1.19E+08	1.19E+08	-	7060	2561.585	0	1.005186	0.248565	4.043954	0.000104	0.016616	1
ENSG0000	remission	Inflamed	SLC11A1	protein_cc	chr2	2.19E+08	2.19E+08	+	8676	689.4368	0	-2.3882	0.590723	-4.04284	0.000105	0.016616	1
ENSG0000	remission	Inflamed	AC130710	lincRNA	chr2	16190549	16225923	+	1330	0.868735	0.787589	0.579182	0.143491	4.036374	0.000107	0.016616	1
ENSG0000	remission	Inflamed	HAS1	protein_cc	chr19	52216365	52227247	-	2241	71.40095	0.109785	-2.15489	0.533899	-4.03613	0.000107	0.016616	1
ENSG0000	remission	Inflamed	ADA	protein_cc	chr20	43248163	43280874	-	2852	407.9666	0	-1.02656	0.254513	-4.03343	0.000108	0.016616	1
ENSG0000	remission	Inflamed	SLC26A2	protein_cc	chr5	1.49E+08	1.49E+08	+	8606	17142.27	0	2.360532	0.585383	4.032456	0.000109	0.016616	1
ENSG0000	remission	Inflamed	RP6-201G	lincRNA	chrX	67233312	67234743	-	1432	4.894988	0.243437	1.052611	0.261157	4.030567	0.000109	0.016616	1
ENSG0000	remission	Inflamed	MAFG-AS1	antisense	chr17	79885705	79888629	+	1895	58.34368	0.002387	-0.77917	0.193316	-4.03053	0.000109	0.016616	1
ENSG0000	remission	Inflamed	PSMB10	protein_cc	chr16	67968405	67970990	-	1853	1714.859	0	-0.5383	0.13358	-4.0298	0.00011	0.016616	1
ENSG0000	remission	Inflamed	RP11-680A	antisense	chr12	53692449	53694098	-	637	7.811456	0.150358	-1.24437	0.308799	-4.0297	0.00011	0.016616	1
ENSG0000	remission	Inflamed	MROH7	protein_cc	chr1	55107463	55175939	+	9052	82.13126	0.026253	1.715407	0.425898	4.027737	0.000111	0.016616	1
ENSG0000	remission	Inflamed	CXCL6	protein_cc	chr4	74702214	74714781	+	2183	1010.165	0.004773	-2.94089	0.73026	-4.02719	0.000111	0.016616	1
ENSG0000	remission	Inflamed	RP11-243A	lincRNA	chr16	9449445	9501950	+	5298	12.84726	0.171838	1.424095	0.353731	4.02593	0.000111	0.016616	1
ENSG0000	remission	Inflamed	MT-TM	Mt_tRNA	chrM	4402	4469	+	68	373.3413	0	1.120017	0.278639	4.019593	0.000114	0.016908	1
ENSG0000	remission	Inflamed	BCKDK	protein_cc	chr16	31117428	31124110	+	3871	2062.936	0	-0.43314	0.108006	-4.01033	0.000118	0.017271	1
ENSG0000	remission	Inflamed	MFSD4	protein_cc	chr1	2.06E+08	2.06E+08	+	5570	1520.668	0	1.711629	0.427097	4.007591	0.000119	0.017271	1
ENSG0000	remission	Inflamed	GOS2	protein_cc	chr1	2.1E+08	2.1E+08	+	866	1130.01	0	-2.23041	0.556751	-4.00612	0.00012	0.017271	1
ENSG0000	remission	Inflamed	RN7SKP12	misc_RNA	chr16	29742372	29742725	-	354	26.67064	0.27685	1.689962	0.421908	4.005522	0.00012	0.017271	1
ENSG0000	remission	Inflamed	CHST2	protein_cc	chr3	1.43E+08	1.43E+08	+	3526	1500.232	0	-1.31259	0.327717	-4.00524	0.00012	0.017271	1
ENSG0000	remission	Inflamed	RP11-253M	sense_intr	chr15	69683531	69684488	+	694	3.883055	0.336516	0.853983	0.21325	4.004605	0.00012	0.017271	1
ENSG0000	remission	Inflamed	WNT2	protein_cc	chr7	1.17E+08	1.17E+08	-	3005	114.8115	0.312649	-2.77007	0.692922	-3.99766	0.000123	0.017278	1
ENSG0000	remission	Inflamed	KCNJ15	protein_cc	chr21	39529128	39679279	+	9685	223.6158	0.069212	-2.61968	0.65533	-3.99749	0.000123	0.017278	1
ENSG0000	remission	Inflamed	LINC00923	protein_cc	chr15	98285448	98417780	-	2342	3.589499	0.389021	0.907471	0.227015	3.9974	0.000123	0.017278	1
ENSG0000	remission	Inflamed	EMX1	protein_cc	chr2	73143389	73162020	+	3721	12.63962	0.210024	1.301019	0.325765	3.993733	0.000125	0.017278	1
ENSG0000	remission	Inflamed	ISG15	protein_cc	chr1	948803	949920	+	711	970.6301	0	-0.98053	0.245594	-3.99246	0.000126	0.017278	1
ENSG0000	remission	Inflamed	THRB-IT1	sense_intr	chr3	24496627	24500925	-	1754	1.155131	0.742243	0.616628	0.154457	3.992244	0.000126	0.017278	1
ENSG0000	remission	Inflamed	FOXD2-AS1	antisense	chr1	47897805	47900313	-	2509	512.9499	0	0.996873	0.249743	3.991602	0.000126	0.017278	1
ENSG0000	remission	Inflamed	DNAJB7	protein_cc	chr22	41255553	41258130	-	2578	3.279236	0.501193	0.872823	0.21875	3.990051	0.000127	0.017278	1
ENSG0000	remission	Inflamed	SAA2	protein_cc	chr11	18260770	18270190	-	2227	255.1599	0.100239	-3.03431	0.760522	-3.98977	0.000127	0.017278	1
ENSG0000	remission	Inflamed	TCN1	protein_cc	chr11	59620273	59634048	-	1586	377.2959	0.112172	-2.91913	0.732248	-3.98654	0.000128	0.017278	1
ENSG0000	remission	Inflamed	VSTM2A	protein_cc	chr7	54610018	54638773	+	5967	212.6754	0.038186	2.504034	0.628144	3.986402	0.000128	0.017278	1
ENSG0000	remission	Inflamed	NFE2	protein_cc	chr12	54685895	54694905	-	2469	159.4487	0.011933	-2.14935	0.539312	-3.98536	0.000129	0.017278	1
ENSG0000	remission	Inflamed	VMO1	protein_cc	chr17	4688580	4689728	-	803	83.21718	0	-1.14029	0.286134	-3.98515	0.000129	0.017278	1
ENSG0000	remission	Inflamed	GLRA2	protein_cc	chrX	14547420	14749934	+	3713	33.30549	0.188544	2.232902	0.56044	3.984194	0.000129	0.017278	1
ENSG0000	remission	Inflamed	CAPN13	protein_cc	chr2	30945637	31043408	-	5203	624.2768	0.004773	2.168018	0.544592	3.980996	0.000131	0.017391	1
ENSG0000	remission	Inflamed	S100A12	protein_cc	chr1	1.53E+08	1.53E+08	-	516	126.5871	0.24105	-2.77768	0.698577	-3.9762	0.000133	0.017607	1

ENSG0000	remission	Inflamed	SELE	protein_cc chr1	1.7E+08	1.7E+08	-	4586	368.895	0.02148	-2.78057	0.699613	-3.97444	0.000134	0.017631	1
ENSG0000	remission	Inflamed	FCGR2A	protein_cc chr1	1.61E+08	1.61E+08	+	5314	2114.695	0	-1.41122	0.355299	-3.97193	0.000135	0.017683	1
ENSG0000	remission	Inflamed	THRB	protein_cc chr3	24158651	24536773	-	8709	458.2816	0.002387	1.421305	0.357932	3.970881	0.000136	0.017683	1
ENSG0000	remission	Inflamed	CTSB	protein_cc chr8	11700033	11726957	-	7438	37894.52	0	-0.6879	0.173378	-3.96765	0.000137	0.017802	1
ENSG0000	remission	Inflamed	CWH43	protein_cc chr4	48988264	49064098	+	3138	625.0095	0.019093	2.419605	0.610415	3.963868	0.000139	0.017959	1
ENSG0000	remission	Inflamed	BST2	protein_cc chr19	17513748	17516457	-	1119	1592.995	0	-0.95006	0.23994	-3.95959	0.000142	0.01815	1
ENSG0000	remission	Inflamed	NCF4	protein_cc chr22	37257030	37274057	+	1759	1365.578	0	-0.86004	0.217417	-3.95571	0.000144	0.018317	1
ENSG0000	remission	Inflamed	TRPM6	protein_cc chr9	77337411	77503010	-	9287	1812.153	0.002387	2.133156	0.539485	3.954061	0.000144	0.018337	1
ENSG0000	remission	Inflamed	P2RY6	protein_cc chr11	72975550	73009662	+	3976	454.9928	0	-0.89221	0.226042	-3.94708	0.000148	0.018714	1
ENSG0000	remission	Inflamed	RP11-386C	antisense chr12	49392150	49412988	+	2208	13.01432	0.02864	-0.98713	0.250344	-3.94308	0.00015	0.01879	1
ENSG0000	remission	Inflamed	RGS16	protein_cc chr1	1.83E+08	1.83E+08	-	2427	281.432	0.002387	-1.41328	0.358461	-3.94265	0.00015	0.01879	1
ENSG0000	remission	Inflamed	CTD-2054I	pseudoger chr15	1E+08	1E+08	+	739	0.854415	0.794749	0.534517	0.135618	3.941351	0.000151	0.01879	1
ENSG0000	remission	Inflamed	INTS4L1	pseudoger chr7	64601603	64694600	+	2553	10.88544	0.186158	1.077419	0.27351	3.939227	0.000152	0.01879	1
ENSG0000	remission	Inflamed	Y1F1B	protein_cc chr19	38795753	38807913	-	3184	1170.442	0	-0.54011	0.137205	-3.9365	0.000154	0.01879	1
ENSG0000	remission	Inflamed	GLP2R	protein_cc chr17	9725523	9795419	+	6052	351.895	0	1.340628	0.3406	3.936075	0.000154	0.01879	1
ENSG0000	remission	Inflamed	CPNE9	protein_cc chr3	9745491	9771592	+	2332	4.078759	0.171838	-0.79868	0.202952	-3.93531	0.000154	0.01879	1
ENSG0000	remission	Inflamed	IL17A	protein_cc chr6	52051185	52055436	+	1859	51.1432	0.143198	-1.91863	0.487715	-3.93392	0.000155	0.01879	1
ENSG0000	remission	Inflamed	RNU6-343	snRNA chr12	56982302	56982405	+	104	2.047733	0.453461	0.738766	0.187814	3.933495	0.000155	0.01879	1
ENSG0000	remission	Inflamed	RNF125	protein_cc chr18	29598335	29653176	+	6508	660.4821	0	0.965671	0.245536	3.932919	0.000156	0.01879	1
ENSG0000	remission	Inflamed	DNASE2B	protein_cc chr1	84864215	84880701	+	1476	9.720764	0.088305	1.025783	0.260926	3.931315	0.000157	0.01881	1
ENSG0000	remission	Inflamed	HAVCR1	protein_cc chr5	1.56E+08	1.56E+08	-	2151	78.06444	0.045346	1.632367	0.415457	3.929086	0.000158	0.01881	1
ENSG0000	remission	Inflamed	AMACR	protein_cc chr5	33986283	34008220	-	4845	264.0501	0	0.903483	0.229963	3.928814	0.000158	0.01881	1
ENSG0000	remission	Inflamed	HMGCS2	protein_cc chr1	1.2E+08	1.2E+08	-	2571	14553.19	0	2.755349	0.70171	3.926621	0.000159	0.018873	1
ENSG0000	remission	Inflamed	RND1	protein_cc chr12	49250928	49259681	-	3099	411.1241	0.002387	-1.27394	0.32482	-3.92199	0.000162	0.019104	1
ENSG0000	remission	Inflamed	PPARGC1A	protein_cc chr4	23756664	23905712	-	10511	583.7733	0	1.463403	0.374282	3.909895	0.000169	0.019862	1
ENSG0000	remission	Inflamed	LINC00032	lincRNA chr9	27245682	27282791	-	2913	5.01432	0.245823	0.929165	0.237851	3.906494	0.000171	0.020016	1
ENSG0000	remission	Inflamed	RP11-285E	lincRNA chr17	75260262	75260858	-	597	3.252983	0.362768	0.879354	0.225328	3.902542	0.000174	0.020211	1
ENSG0000	remission	Inflamed	REG1B	protein_cc chr2	79312156	79315145	-	2384	3166.057	0.107399	-4.29166	1.100512	-3.8997	0.000176	0.020293	1
ENSG0000	remission	Inflamed	ELOVL3	protein_cc chr10	1.04E+08	1.04E+08	+	1371	7.99284	0.138425	-1.12278	0.287971	-3.89895	0.000176	0.020293	1
ENSG0000	remission	Inflamed	TNFRSF10C	protein_cc chr8	22941868	22974950	+	2625	448.0119	0	-1.89532	0.486534	-3.89555	0.000178	0.020338	1
ENSG0000	remission	Inflamed	RPL10L	protein_cc chr14	47120222	47121028	-	807	19.14081	0.107399	1.361791	0.349673	3.894471	0.000179	0.020338	1
ENSG0000	remission	Inflamed	KRT6B	protein_cc chr12	52840435	52845910	-	2282	280.5084	0.119332	-2.80444	0.720272	-3.89359	0.000179	0.020338	1
ENSG0000	remission	Inflamed	BEST4	protein_cc chr1	45249257	45253377	-	2047	1951.439	0	2.49203	0.640472	3.890928	0.000181	0.020338	1
ENSG0000	remission	Inflamed	KISS1R	protein_cc chr19	917287	921015	+	1680	9.374702	0.140811	-1.21428	0.312174	-3.88974	0.000182	0.020338	1
ENSG0000	remission	Inflamed	GPX7	protein_cc chr1	53068044	53074723	+	1691	214.8568	0	-1.04072	0.267603	-3.88906	0.000182	0.020338	1
ENSG0000	remission	Inflamed	RIMKLA	protein_cc chr1	42846466	42888249	+	8981	735.8401	0	1.371177	0.352723	3.88741	0.000183	0.020338	1
ENSG0000	remission	Inflamed	APOBEC3A	protein_cc chr22	39348746	39359188	+	2010	296.2936	0.004773	-2.30156	0.592199	-3.88647	0.000184	0.020338	1
ENSG0000	remission	Inflamed	RP11-104J	antisense chr17	34328458	34338658	+	1920	7.961814	0.181384	1.081625	0.278395	3.885219	0.000185	0.020338	1
ENSG0000	remission	Inflamed	COTL1	protein_cc chr16	84599200	84651683	-	6742	8011.95	0	-0.63048	0.162338	-3.88373	0.000186	0.020338	1
ENSG0000	remission	Inflamed	KLKP1	pseudoger chr19	51385352	51399654	-	1912	1.408115	0.75179	0.591744	0.152378	3.883408	0.000186	0.020338	1

ENSG0000	remission	Inflamed	MMP10	protein_cc chr11	1.03E+08	1.03E+08	-	1758	597.673	0.009547	-2.62872	0.677015	-3.88281	0.000186	0.020338	1
ENSG0000	remission	Inflamed	NBPF1	protein_cc chr1	16888814	16940057	-	12212	3064.723	0	0.953161	0.245649	3.880173	0.000188	0.020338	1
ENSG0000	remission	Inflamed	IL37	protein_cc chr2	1.14E+08	1.14E+08	+	839	7.071599	0.221957	1.150752	0.296642	3.879267	0.000189	0.020338	1
ENSG0000	remission	Inflamed	LILRA2	protein_cc chr19	55084387	55099027	+	2622	162.8401	0.004773	-1.73558	0.447674	-3.87688	0.00019	0.020338	1
ENSG0000	remission	Inflamed	IL13RA2	protein_cc chrX	1.14E+08	1.14E+08	-	1626	164.5179	0.019093	-2.38243	0.614644	-3.87611	0.000191	0.020338	1
ENSG0000	remission	Inflamed	LY96	protein_cc chr8	74903587	74941322	+	607	156.7828	0	-1.34961	0.348189	-3.87608	0.000191	0.020338	1
ENSG0000	remission	Inflamed	ADRA1B	protein_cc chr5	1.59E+08	1.59E+08	+	1738	14.68258	0.054893	1.167214	0.301221	3.874948	0.000192	0.020338	1
ENSG0000	remission	Inflamed	ZNF704	protein_cc chr8	81540686	81787016	-	15008	939.1862	0	1.325971	0.342298	3.873729	0.000193	0.020338	1
ENSG0000	remission	Inflamed	SLC7A7	protein_cc chr14	23242431	23299029	-	5131	1306.236	0	-0.74451	0.192196	-3.87372	0.000193	0.020338	1
ENSG0000	remission	Inflamed	CSMD3	protein_cc chr8	1.13E+08	1.14E+08	-	20567	3.909308	0.494033	0.954699	0.24646	3.873645	0.000193	0.020338	1
ENSG0000	remission	Inflamed	OR5G5P	pseudoger chr11	56569332	56587184	-	1081	3.147971	0.534606	0.880679	0.227441	3.872127	0.000194	0.020366	1
ENSG0000	remission	Inflamed	RP11-143k	processed_chr17	71161116	71192732	+	588	1.114558	0.732697	0.549317	0.141993	3.86861	0.000196	0.020407	1
ENSG0000	remission	Inflamed	CDHR1	protein_cc chr10	85954410	85979377	+	6189	3671.399	0	2.532095	0.654698	3.867576	0.000197	0.020407	1
ENSG0000	remission	Inflamed	ICAM3	protein_cc chr19	10444452	10450499	-	2950	2064.184	0	-0.96958	0.250698	-3.86755	0.000197	0.020407	1
ENSG0000	remission	Inflamed	ROPN1L	protein_cc chr5	10441636	10472141	+	1817	12.76134	0.159905	-1.34897	0.348831	-3.8671	0.000197	0.020407	1
ENSG0000	remission	Inflamed	RN7SL67P	misc_RNA chr12	19456414	19456710	+	297	0.789976	0.792363	0.528488	0.136713	3.86568	0.000198	0.02043	1
ENSG0000	remission	Inflamed	RP11-467L	pseudoger chr12	31907651	31908055	+	405	11.34606	0.062053	-1.03161	0.267072	-3.86267	0.0002	0.020485	1
ENSG0000	remission	Inflamed	RP11-61L1	sense_intr chr18	9506240	9509724	+	3485	4.785203	0.274463	0.941099	0.243659	3.862361	0.000201	0.020485	1
ENSG0000	remission	Inflamed	AP000344	lincRNA chr22	23775751	23777258	+	1083	28.17422	0.109785	1.39858	0.362399	3.85923	0.000203	0.020485	1
ENSG0000	remission	Inflamed	ROPN1	protein_cc chr3	1.24E+08	1.24E+08	-	4395	4.167064	0.494033	0.911585	0.236239	3.858748	0.000203	0.020485	1
ENSG0000	remission	Inflamed	CTB-43E15	lincRNA chr5	1.73E+08	1.73E+08	-	1839	9.661098	0.329356	-1.51867	0.39383	-3.85616	0.000205	0.020485	1
ENSG0000	remission	Inflamed	C2CD4A	protein_cc chr15	62359176	62363116	+	3445	350.7518	0.004773	-1.64374	0.426454	-3.85444	0.000206	0.020485	1
ENSG0000	remission	Inflamed	FSIP1	protein_cc chr15	39892232	40075031	-	2951	28.15752	0.019093	1.198371	0.310933	3.854116	0.000206	0.020485	1
ENSG0000	remission	Inflamed	IGKV1-37	IG_V_gene chr2	89597021	89597542	-	398	12.03341	0.131265	-1.40431	0.364396	-3.8538	0.000207	0.020485	1
ENSG0000	remission	Inflamed	DAO	protein_cc chr12	1.09E+08	1.09E+08	+	3883	48.63484	0.088305	1.618912	0.420103	3.853609	0.000207	0.020485	1
ENSG0000	remission	Inflamed	RP11-310E	antisense chr10	96988000	96990901	-	663	1.205251	0.658711	0.616614	0.160041	3.852845	0.000207	0.020485	1
ENSG0000	remission	Inflamed	TMEM110	protein_cc chr3	52870235	52931612	-	5730	96.34368	0	-0.3731	0.0969	-3.85036	0.000209	0.020485	1
ENSG0000	remission	Inflamed	SLC7A5	protein_cc chr16	87863629	87903094	-	4745	2536.912	0	-1.28911	0.334852	-3.84978	0.00021	0.020485	1
ENSG0000	remission	Inflamed	RP11-142C	sense_intr chr17	29460200	29465536	+	2780	0.957041	0.749403	0.53015	0.137722	3.849424	0.00021	0.020485	1
ENSG0000	remission	Inflamed	FCN1	protein_cc chr9	1.38E+08	1.38E+08	-	1286	480.4439	0.002387	-1.96804	0.511255	-3.84942	0.00021	0.020485	1
ENSG0000	remission	Inflamed	RP11-781F	antisense chr18	6954676	6957418	+	2295	3.656325	0.463007	0.891553	0.231684	3.848143	0.000211	0.020485	1
ENSG0000	remission	Inflamed	OAF	protein_cc chr11	1.2E+08	1.2E+08	+	3176	4747.659	0	0.675687	0.175604	3.847798	0.000211	0.020485	1
ENSG0000	remission	Inflamed	RP11-452I	pseudoger chr14	52753515	52755986	+	1949	17.47494	0.138425	1.433911	0.372895	3.845351	0.000213	0.020518	1
ENSG0000	remission	Inflamed	FOXQ1	protein_cc chr6	1312675	1314992	+	2318	307.1718	0.002387	-1.41676	0.368441	-3.84527	0.000213	0.020518	1
ENSG0000	remission	Inflamed	RP11-266E	lincRNA chr12	1.06E+08	1.06E+08	+	2586	6.735084	0.403341	1.353094	0.352288	3.840874	0.000216	0.020764	1
ENSG0000	remission	Inflamed	RP13-497k	antisense chr4	23781213	23784183	+	442	24.53699	0.23389	1.91055	0.498068	3.835926	0.00022	0.021027	1
ENSG0000	remission	Inflamed	CTC-338M	lincRNA chr5	1.81E+08	1.81E+08	+	549	1.558473	0.613365	0.656007	0.171066	3.834809	0.000221	0.021027	1
ENSG0000	remission	Inflamed	RP11-285C	lincRNA chr10	45432956	45451173	+	425	3.491647	0.486874	0.865087	0.225622	3.834239	0.000222	0.021027	1
ENSG0000	remission	Inflamed	RP11-263k	lincRNA chr12	82906456	82909596	+	3141	0.906921	0.787589	0.570271	0.148834	3.831585	0.000224	0.021149	1
ENSG0000	remission	Inflamed	LINC00152	lincRNA chr2	87754887	87906324	+	3125	244.3461	0	-1.31666	0.344151	-3.8258	0.000228	0.021418	1

ENSG0000	remission	Inflamed	ZC3H12A	protein_cc chr1	37940153	37949980	+	3117	4171.401	0	-0.96631	0.252757	-3.82307	0.00023	0.021418	1
ENSG0000	remission	Inflamed	ME3	protein_cc chr11	86152150	86383678	-	3838	662.2005	0	0.575154	0.150458	3.822697	0.000231	0.021418	1
ENSG0000	remission	Inflamed	NR6A1	protein_cc chr9	1.27E+08	1.28E+08	-	7124	428.1575	0	1.005091	0.262996	3.821701	0.000232	0.021418	1
ENSG0000	remission	Inflamed	DHRS7C	protein_cc chr17	9674751	9694614	-	1006	14.76611	0.140811	1.579345	0.413323	3.821092	0.000232	0.021418	1
ENSG0000	remission	Inflamed	RN7SL728l	misc_RNA chr4	1.03E+08	1.03E+08	-	298	1.119332	0.713604	0.530684	0.138904	3.820516	0.000233	0.021418	1
ENSG0000	remission	Inflamed	MIR4435-1	lincRNA chr2	1.12E+08	1.12E+08	-	8500	381.7733	0	-1.02958	0.269506	-3.82027	0.000233	0.021418	1
ENSG0000	remission	Inflamed	FRMD1	protein_cc chr6	1.68E+08	1.68E+08	-	5788	1189.621	0.00716	2.203411	0.576848	3.819742	0.000233	0.021418	1
ENSG0000	remission	Inflamed	AC005336	pseudoger chr19	16021392	16022634	-	1243	48.05967	0.207637	1.487283	0.389517	3.818276	0.000234	0.021418	1
ENSG0000	remission	Inflamed	SEMA3E	protein_cc chr7	82993222	83278326	-	6748	19.59189	0.095465	1.397037	0.365907	3.81801	0.000235	0.021418	1
ENSG0000	remission	Inflamed	IL27	protein_cc chr16	28510683	28523372	-	1270	12.62291	0.155131	-1.2727	0.333648	-3.8145	0.000238	0.02161	1
ENSG0000	remission	Inflamed	PTAFR	protein_cc chr1	28473677	28520447	-	4706	1972.103	0	-1.0693	0.280474	-3.81248	0.000239	0.02169	1
ENSG0000	remission	Inflamed	RP11-491F	antisense chr16	49321341	49324138	+	654	7.933174	0.145585	0.940005	0.246651	3.811076	0.00024	0.021722	1
ENSG0000	remission	Inflamed	GPR84	protein_cc chr12	54756229	54758271	-	2043	132.6778	0.002387	-1.87054	0.491188	-3.8082	0.000243	0.021768	1
ENSG0000	remission	Inflamed	RP11-405C	sense_intr chr6	7183316	7185520	+	1676	5.112172	0.229117	0.975357	0.256182	3.807277	0.000244	0.021768	1
ENSG0000	remission	Inflamed	NCF1	protein_cc chr7	74188309	74203659	+	3462	712.105	0	-1.14458	0.300685	-3.80657	0.000244	0.021768	1
ENSG0000	remission	Inflamed	CSF3R	protein_cc chr1	36931644	36948879	-	8426	3825.513	0	-2.10915	0.554119	-3.80632	0.000244	0.021768	1
ENSG0000	remission	Inflamed	FLOT1	protein_cc chr6	30695486	30710510	-	3186	5117.547	0	-0.34308	0.090151	-3.80565	0.000245	0.021768	1
ENSG0000	remission	Inflamed	MMP7	protein_cc chr11	1.02E+08	1.02E+08	-	2323	569.074	0.095465	-3.10608	0.816567	-3.80383	0.000247	0.021804	1
ENSG0000	remission	Inflamed	IGKV3OR2	IG_V_gene chr2	87565634	87566158	+	350	71.0358	0.033413	-1.84966	0.486337	-3.80325	0.000247	0.021804	1
ENSG0000	remission	Inflamed	RP11-545A	pseudoger chr1	1.8E+08	1.8E+08	+	2471	8.844869	0.116945	0.985017	0.259376	3.797645	0.000252	0.022165	1
ENSG0000	remission	Inflamed	HCK	protein_cc chr20	30639991	30689659	+	3092	1886.279	0	-1.04553	0.275564	-3.79414	0.000255	0.022364	1
ENSG0000	remission	Inflamed	CDC42EP2	protein_cc chr11	65082289	65089900	+	2452	1030.389	0	-0.81381	0.214551	-3.7931	0.000256	0.022367	1
ENSG0000	remission	Inflamed	DLG2	protein_cc chr11	83166055	85338966	-	16089	28.58234	0.026253	1.08468	0.286066	3.791712	0.000257	0.022367	1
ENSG0000	remission	Inflamed	LILRB2	protein_cc chr19	54777675	54785039	-	3810	1210.205	0	-1.33444	0.351976	-3.79128	0.000258	0.022367	1
ENSG0000	remission	Inflamed	IL2RA	protein_cc chr10	6052652	6104288	-	3176	535.1193	0	-1.33714	0.352929	-3.7887	0.00026	0.022496	1
ENSG0000	remission	Inflamed	RP11-797A	lincRNA chr15	77334178	77335533	-	1356	40.75418	0.004773	0.930651	0.246003	3.783083	0.000265	0.022869	1
ENSG0000	remission	Inflamed	FCAR	protein_cc chr19	55385704	55401838	+	2366	97.68735	0.202864	-2.43021	0.642825	-3.78051	0.000268	0.022977	1
ENSG0000	remission	Inflamed	CD300LF	protein_cc chr17	72690452	72709117	-	2159	320.673	0	-0.81308	0.215111	-3.77979	0.000268	0.022977	1
ENSG0000	remission	Inflamed	CLDN14	protein_cc chr21	37832919	37948867	-	2853	37.84964	0.057279	-1.43018	0.378461	-3.77895	0.000269	0.022977	1
ENSG0000	remission	Inflamed	SAA1	protein_cc chr11	18287721	18291524	+	765	545.8831	0.052506	-3.0784	0.814863	-3.77781	0.00027	0.022994	1
ENSG0000	remission	Inflamed	MRPL28	protein_cc chr16	417384	420527	-	2404	1281.945	0	-0.39233	0.10392	-3.77527	0.000273	0.023125	1
ENSG0000	remission	Inflamed	SRM	protein_cc chr1	11114641	11120081	-	1898	2310.391	0	-0.72159	0.191199	-3.774	0.000274	0.023153	1
ENSG0000	remission	Inflamed	NNMT	protein_cc chr11	1.14E+08	1.14E+08	+	2919	1120.871	0	-1.49849	0.397537	-3.76943	0.000278	0.023451	1
ENSG0000	remission	Inflamed	FCGR3A	protein_cc chr1	1.62E+08	1.62E+08	-	2977	995.9308	0	-1.41461	0.375577	-3.76649	0.000281	0.023618	1
ENSG0000	remission	Inflamed	DKFZP434I	protein_cc chr9	98534605	98537013	+	2409	10.97613	0.095465	1.161643	0.308505	3.765388	0.000282	0.023634	1
ENSG0000	remission	Inflamed	UBE2S	protein_cc chr19	55912652	55919145	-	1249	914.1838	0	-0.59986	0.159401	-3.76321	0.000284	0.023691	1
ENSG0000	remission	Inflamed	PADI4	protein_cc chr1	17634690	17690499	+	2971	92.25537	0.0358	-1.93406	0.514193	-3.76136	0.000286	0.023691	1
ENSG0000	remission	Inflamed	CATSPER1	protein_cc chr11	65784223	65793988	-	2687	9.988067	0.052506	-0.98101	0.260861	-3.76064	0.000287	0.023691	1
ENSG0000	remission	Inflamed	RP11-625L	antisense chr12	24983355	24989492	+	451	7.696897	0.362768	-1.39828	0.371849	-3.76034	0.000287	0.023691	1
ENSG0000	remission	Inflamed	IGKV2D-29	IG_V_gene chr2	89986322	89987079	+	390	1916.021	0	-1.83296	0.48764	-3.75884	0.000289	0.023691	1

ENSG0000	remission	Inflamed	SLAMF8	protein_cc chr1	1.6E+08	1.6E+08	+	2996	1442.093	0	-0.88104	0.234502	-3.75706	0.000291	0.023691	1
ENSG0000	remission	Inflamed	SH3RF3-AS1	lincRNA chr2	1.1E+08	1.1E+08	-	1604	18.92363	0.0358	-1.11181	0.296018	-3.75587	0.000292	0.023691	1
ENSG0000	remission	Inflamed	RP11-216L	processed_chr9	1.4E+08	1.4E+08	+	4335	114.0931	0	1.182413	0.314864	3.755318	0.000292	0.023691	1
ENSG0000	remission	Inflamed	SRGN	protein_cc chr10	70847862	70864567	+	1220	3288.714	0	-1.27663	0.340018	-3.7546	0.000293	0.023691	1
ENSG0000	remission	Inflamed	SHISA5	protein_cc chr3	48509197	48542259	-	4586	6936.496	0	-0.4437	0.118179	-3.75452	0.000293	0.023691	1
ENSG0000	remission	Inflamed	PMFBP1	protein_cc chr16	72146056	72210777	-	5691	51.01193	0.011933	1.240988	0.33054	3.75443	0.000293	0.023691	1
ENSG0000	remission	Inflamed	LAG3	protein_cc chr12	6881678	6887621	+	3056	565.4916	0	-1.07211	0.285595	-3.75396	0.000294	0.023691	1
ENSG0000	remission	Inflamed	HYAL2	protein_cc chr3	50355221	50360337	-	4545	1611.129	0	-0.70136	0.186902	-3.75257	0.000295	0.023734	1
ENSG0000	remission	Inflamed	EXPH5	protein_cc chr11	1.08E+08	1.08E+08	-	10843	616.2243	0.002387	1.852137	0.493997	3.749289	0.000299	0.023882	1
ENSG0000	remission	Inflamed	SPNS2	protein_cc chr17	4402133	4442330	+	4111	3640.58	0	-0.97698	0.260641	-3.74839	0.0003	0.023882	1
ENSG0000	remission	Inflamed	CHPF	protein_cc chr2	2.2E+08	2.2E+08	-	3354	4487.754	0	-0.62396	0.166471	-3.74817	0.0003	0.023882	1
ENSG0000	remission	Inflamed	TMEM236	protein_cc chr10	18041218	18089855	+	5465	261.3126	0.009547	1.820813	0.485988	3.746622	0.000301	0.023939	1
ENSG0000	remission	Inflamed	NTRK2	protein_cc chr9	87283466	87638505	+	16968	400.6921	0.011933	2.142869	0.572229	3.744775	0.000303	0.024021	1
ENSG0000	remission	Inflamed	RP11-296C	antisense chr1	1.73E+08	1.73E+08	-	2282	43.57757	0.004773	0.951038	0.254225	3.740927	0.000307	0.024272	1
ENSG0000	remission	Inflamed	CTB-61M7	lincRNA chr19	55402039	55402786	+	748	32.65632	0.312649	-2.07442	0.55486	-3.73864	0.00031	0.024273	1
ENSG0000	remission	Inflamed	CMTM2	protein_cc chr16	66613351	66622178	+	1151	37.52745	0.136038	-1.93603	0.51788	-3.73838	0.00031	0.024273	1
ENSG0000	remission	Inflamed	KSR2	protein_cc chr12	1.18E+08	1.18E+08	-	18298	198.9117	0.002387	1.397697	0.373881	3.738344	0.00031	0.024273	1
ENSG0000	remission	Inflamed	F11R	protein_cc chr1	1.61E+08	1.61E+08	-	2114	9.071599	0.102625	0.848991	0.227276	3.735509	0.000313	0.02444	1
ENSG0000	remission	Inflamed	IL1A	protein_cc chr2	1.14E+08	1.14E+08	-	2124	100.8091	0.085919	-1.96831	0.52712	-3.73408	0.000315	0.024464	1
ENSG0000	remission	Inflamed	IP6K2	protein_cc chr3	48725436	48777786	-	5624	3219.933	0	0.529112	0.141719	3.733529	0.000315	0.024464	1
ENSG0000	remission	Inflamed	BCL2A1	protein_cc chr15	80253231	80263788	-	1089	439.747	0.002387	-1.82337	0.489586	-3.72432	0.000326	0.025186	1
ENSG0000	remission	Inflamed	CDK20	protein_cc chr9	90581356	90589668	-	5727	349.6516	0	0.772075	0.207505	3.72076	0.00033	0.025244	1
ENSG0000	remission	Inflamed	LRFN2	protein_cc chr6	40359325	40555204	-	3270	4.811456	0.343675	0.961216	0.258345	3.720664	0.00033	0.025244	1
ENSG0000	remission	Inflamed	AC093818	antisense chr2	1.73E+08	1.73E+08	-	2447	130.2578	0	-1.09605	0.294606	-3.72039	0.00033	0.025244	1
ENSG0000	remission	Inflamed	RP11-700F	lincRNA chr17	49012350	49022074	-	2054	12.62291	0.062053	0.906022	0.243535	3.720291	0.00033	0.025244	1
ENSG0000	remission	Inflamed	OAZ1	protein_cc chr19	2269485	2273487	+	3457	15996.95	0	-0.39178	0.105335	-3.71935	0.000331	0.025253	1
ENSG0000	remission	Inflamed	RP13-314C	antisense chrX	23791109	23801073	-	672	6.143198	0.212411	-0.99999	0.268993	-3.71752	0.000333	0.02534	1
ENSG0000	remission	Inflamed	IFI27L2	protein_cc chr14	94594116	94596590	-	1662	500.1575	0	-0.78119	0.210252	-3.71548	0.000336	0.025446	1
ENSG0000	remission	Inflamed	MT-CO3	protein_cc chrM	9207	9990	+	784	883817.3	0	0.776802	0.209188	3.713411	0.000338	0.025556	1
ENSG0000	remission	Inflamed	LRRC7	protein_cc chr1	70034081	70617628	+	14652	16.53222	0.155131	1.492018	0.402092	3.710638	0.000342	0.025694	1
ENSG0000	remission	Inflamed	HLA-DMA	protein_cc chr6	32916390	32936871	-	2534	3383.432	0	-0.81183	0.218838	-3.70972	0.000343	0.025694	1
ENSG0000	remission	Inflamed	GPR125	protein_cc chr4	22346694	22517677	-	9241	1957.649	0	0.838997	0.226183	3.709377	0.000343	0.025694	1
ENSG0000	remission	Inflamed	LILRA1	protein_cc chr19	55105047	55113555	+	3587	185.6158	0.002387	-1.34473	0.362657	-3.70799	0.000345	0.025745	1
ENSG0000	remission	Inflamed	LYZ	protein_cc chr12	69742121	69748014	+	1764	17476.03	0	-0.88356	0.238428	-3.70579	0.000347	0.025839	1
ENSG0000	remission	Inflamed	ATOX1	protein_cc chr5	1.51E+08	1.51E+08	-	5239	947	0	-0.52241	0.140995	-3.70516	0.000348	0.025839	1
ENSG0000	remission	Inflamed	PNLIPRP1	protein_cc chr10	1.18E+08	1.18E+08	+	4986	1.656325	0.689737	0.627444	0.169374	3.704485	0.000349	0.025839	1
ENSG0000	remission	Inflamed	RP11-293F	antisense chr1	24367325	24413289	+	454	2.935561	0.441527	0.578854	0.156326	3.702866	0.000351	0.025859	1
ENSG0000	remission	Inflamed	MGAT1	protein_cc chr5	1.8E+08	1.8E+08	-	5817	9325.575	0	-0.45052	0.121678	-3.70258	0.000351	0.025859	1
ENSG0000	remission	Inflamed	TREML2	protein_cc chr6	41158015	41168932	-	3302	216.315	0.00716	-1.8836	0.508829	-3.70183	0.000352	0.025859	1
ENSG0000	remission	Inflamed	CTD-3185F	antisense chr15	66780996	66781427	-	432	1.539379	0.587112	0.62227	0.168136	3.701001	0.000353	0.025861	1

ENSG0000	remission	Inflamed	PTP4A3	protein_cc chr8	1.42E+08	1.42E+08	+	1943	1338.914	0	-1.56085	0.42186	-3.69992	0.000354	0.025885	1
ENSG0000	remission	Inflamed	AGTRAP	protein_cc chr1	11796141	11814859	+	2433	867.494	0	-0.67967	0.183768	-3.69851	0.000356	0.025926	1
ENSG0000	remission	Inflamed	AC034220	processed_chr5	1.32E+08	1.32E+08	-	2856	134.8282	0	1.212976	0.328074	3.69726	0.000358	0.025926	1
ENSG0000	remission	Inflamed	NTRK3	protein_cc chr15	88418230	88799999	-	9078	64.02864	0.02148	1.696075	0.458763	3.697065	0.000358	0.025926	1
ENSG0000	remission	Inflamed	LTK	protein_cc chr15	41795836	41806085	-	3490	556.4845	0	0.7034	0.190341	3.695475	0.00036	0.02595	1
ENSG0000	remission	Inflamed	AC073283	lincRNA chr2	47419544	47572213	-	3552	60.63723	0.004773	1.031957	0.279303	3.694756	0.000361	0.02595	1
ENSG0000	remission	Inflamed	MYH15	protein_cc chr3	1.08E+08	1.08E+08	-	7694	24.34368	0.00716	0.901602	0.244133	3.693072	0.000363	0.02595	1
ENSG0000	remission	Inflamed	TYROBP	protein_cc chr19	36395303	36399197	-	907	1692.654	0	-0.97311	0.263498	-3.69306	0.000363	0.02595	1
ENSG0000	remission	Inflamed	C19orf10	protein_cc chr19	4641386	4670382	-	1678	3125.907	0	-0.53058	0.143679	-3.69284	0.000363	0.02595	1
ENSG0000	remission	Inflamed	PIM3	protein_cc chr22	50354161	50357728	+	2461	4781.933	0	-0.63944	0.173299	-3.68983	0.000367	0.026151	1
ENSG0000	remission	Inflamed	ATP6V1F	protein_cc chr7	1.29E+08	1.29E+08	+	789	1409.461	0	-0.67821	0.183872	-3.68847	0.000369	0.02616	1
ENSG0000	remission	Inflamed	TESC	protein_cc chr12	1.17E+08	1.18E+08	-	1926	245.432	0	-1.20171	0.325832	-3.68811	0.000369	0.02616	1
ENSG0000	remission	Inflamed	RHOG	protein_cc chr11	3848208	3862213	-	1782	3598.527	0	-0.49029	0.132974	-3.68711	0.000371	0.02616	1
ENSG0000	remission	Inflamed	AKIP1	protein_cc chr11	8932686	8941631	+	2300	370.5847	0	-0.3757	0.101911	-3.6866	0.000371	0.02616	1
ENSG0000	remission	Inflamed	RP5-875H:	antisense chr17	48178068	48179284	-	430	7.866348	0.334129	1.104572	0.299687	3.685757	0.000372	0.026166	1
ENSG0000	remission	Inflamed	TAP1	protein_cc chr6	32812986	32821755	-	4742	11757.22	0	-0.60881	0.165294	-3.68322	0.000376	0.026325	1
ENSG0000	remission	Inflamed	ADGB	protein_cc chr6	1.47E+08	1.47E+08	+	7773	7.463007	0.205251	0.956142	0.25972	3.681428	0.000378	0.026418	1
ENSG0000	remission	Inflamed	FCGR1B	protein_cc chr1	1.21E+08	1.21E+08	-	1392	32.4105	0.057279	-1.50003	0.40783	-3.67808	0.000382	0.026596	1
ENSG0000	remission	Inflamed	LINC00525	antisense chr7	47801074	47806370	+	1212	18.92363	0.140811	-1.47619	0.401391	-3.67768	0.000383	0.026596	1
ENSG0000	remission	Inflamed	MPG	protein_cc chr16	127006	135852	+	1661	1241.093	0	-0.62084	0.168877	-3.67631	0.000385	0.026596	1
ENSG0000	remission	Inflamed	BATF	protein_cc chr14	75988768	76013358	+	980	225.3341	0	-1.26117	0.343225	-3.67447	0.000387	0.026596	1
ENSG0000	remission	Inflamed	DCC	protein_cc chr18	49866542	51057784	+	8649	26.00239	0.133652	-1.67408	0.455642	-3.67411	0.000387	0.026596	1
ENSG0000	remission	Inflamed	HAAO	protein_cc chr2	42994229	43019733	-	2726	637.6396	0	0.864567	0.235314	3.674105	0.000387	0.026596	1
ENSG0000	remission	Inflamed	RP11-855C	lincRNA chr11	61355966	61375022	+	2349	13.65155	0.169451	1.425432	0.388036	3.673458	0.000388	0.026596	1
ENSG0000	remission	Inflamed	IL6	protein_cc chr7	22765503	22771621	+	2711	203.0024	0.097852	-2.53141	0.689386	-3.67198	0.00039	0.026596	1
ENSG0000	remission	Inflamed	PPCDC	protein_cc chr15	75315896	75409803	+	3781	485.611	0	-0.45036	0.122665	-3.67146	0.000391	0.026596	1
ENSG0000	remission	Inflamed	LSM10	protein_cc chr1	36856839	36863493	-	1496	614.4845	0	-0.63117	0.171923	-3.6712	0.000391	0.026596	1
ENSG0000	remission	Inflamed	RP11-536C	lincRNA chr9	13446490	13487510	+	512	11.82578	0.238663	-1.28772	0.35077	-3.67111	0.000391	0.026596	1
ENSG0000	remission	Inflamed	FAM3B	protein_cc chr21	42676139	42729358	+	3599	409.7375	0.038186	-2.209	0.602384	-3.6671	0.000397	0.026822	1
ENSG0000	remission	Inflamed	VKORC1	protein_cc chr16	31102163	31107301	-	2191	328.3031	0	-0.60564	0.16517	-3.66679	0.000397	0.026822	1
ENSG0000	remission	Inflamed	PRKG2	protein_cc chr4	82009837	82136218	-	3751	94.65394	0.031026	1.431955	0.390624	3.665813	0.000399	0.026822	1
ENSG0000	remission	Inflamed	PILRA	protein_cc chr7	99965153	99997719	+	2003	502.4702	0	-1.07181	0.2924	-3.66555	0.000399	0.026822	1
ENSG0000	remission	Inflamed	ZBP1	protein_cc chr20	56178902	56195632	-	5413	1313.508	0	-1.24402	0.33944	-3.66491	0.0004	0.026822	1
ENSG0000	remission	Inflamed	SSR4	protein_cc chrX	1.53E+08	1.53E+08	+	4590	10562.49	0	-0.9045	0.24694	-3.66282	0.000403	0.026947	1
ENSG0000	remission	Inflamed	SYT17	protein_cc chr16	19179293	19279652	+	7534	170.8926	0	0.80769	0.220606	3.661237	0.000405	0.027025	1
ENSG0000	remission	Inflamed	GZMH	protein_cc chr14	25075686	25078905	-	951	64.67542	0.002387	-0.98344	0.268684	-3.66022	0.000406	0.027051	1
ENSG0000	remission	Inflamed	SATB2	protein_cc chr2	2E+08	2E+08	-	10958	4407.969	0	1.327315	0.362721	3.659329	0.000408	0.027065	1
ENSG0000	remission	Inflamed	PREB	protein_cc chr2	27353624	27357543	-	3221	3084.733	0	-0.40094	0.109609	-3.65792	0.00041	0.027128	1
ENSG0000	remission	Inflamed	APOL1	protein_cc chr22	36649056	36663576	+	3519	7445.377	0	-1.14582	0.313394	-3.65615	0.000412	0.027225	1
ENSG0000	remission	Inflamed	SLC3A2	protein_cc chr11	62623518	62656352	+	5239	3422.721	0	-0.43908	0.120124	-3.6552	0.000413	0.027243	1

ENSG0000	remission	Inflamed	PNLIPRP2	polymorph	chr10	1.18E+08	1.18E+08	+	1672	104.9976	0.085919	1.986085	0.543473	3.65443	0.000415	0.027243	1
ENSG0000	remission	Inflamed	REG3A	protein_cc	chr2	79384132	79386879	-	1580	6082.527	0.016706	-3.6695	1.004306	-3.65377	0.000416	0.027243	1
ENSG0000	remission	Inflamed	USP30	protein_cc	chr12	1.09E+08	1.1E+08	+	5135	771.4726	0	0.620037	0.169747	3.652713	0.000417	0.027274	1
ENSG0000	remission	Inflamed	RP11-379E	pseudoger	chr3	1.26E+08	1.26E+08	-	259	1.98568	0.498807	0.678155	0.185809	3.649747	0.000421	0.027484	1
ENSG0000	remission	Inflamed	RP1-239B2	antisense	chr11	17402196	17405078	+	2883	178.864	0	0.989714	0.271286	3.648231	0.000423	0.027521	1
ENSG0000	remission	Inflamed	CNTD1	protein_cc	chr17	40950810	40963605	+	3378	10.93556	0.083532	1.046184	0.28679	3.647908	0.000424	0.027521	1
ENSG0000	remission	Inflamed	CTD-2501E	antisense	chr15	60822172	60837358	+	434	1.601432	0.601432	0.578312	0.158605	3.646242	0.000426	0.027611	1
ENSG0000	remission	Inflamed	MRPL55	protein_cc	chr1	2.28E+08	2.28E+08	-	1886	625.7924	0	-0.41303	0.113325	-3.64467	0.000429	0.027647	1
ENSG0000	remission	Inflamed	MT1M	protein_cc	chr16	56666145	56667898	+	942	360.1814	0.004773	1.700469	0.466595	3.644422	0.000429	0.027647	1
ENSG0000	remission	Inflamed	HRH2	protein_cc	chr5	1.75E+08	1.75E+08	+	4055	130.8998	0.02148	-1.60385	0.44032	-3.64246	0.000432	0.027765	1
ENSG0000	remission	Inflamed	CA1	protein_cc	chr8	86239837	86291243	-	4068	13359.33	0.004773	3.026301	0.831066	3.641468	0.000433	0.027791	1
ENSG0000	remission	Inflamed	ICAM1	protein_cc	chr19	10381511	10397291	+	3706	4256.539	0	-1.31002	0.35982	-3.64077	0.000434	0.027791	1
ENSG0000	remission	Inflamed	CD300A	protein_cc	chr17	72462555	72480933	+	2684	717.0024	0	-0.83355	0.229113	-3.63817	0.000438	0.027971	1
ENSG0000	remission	Inflamed	AC112229	lincRNA	chr2	1.11E+08	1.11E+08	-	2774	121.1432	0.00716	0.877541	0.241364	3.63576	0.000442	0.028115	1
ENSG0000	remission	Inflamed	AC092652	antisense	chr2	1.44E+08	1.44E+08	-	735	3	0.53222	0.836252	0.23004	3.635252	0.000443	0.028115	1
ENSG0000	remission	Inflamed	AC073133	lincRNA	chr7	1.56E+08	1.56E+08	-	2698	21.05967	0.124105	1.416413	0.389723	3.634408	0.000444	0.028128	1
ENSG0000	remission	Inflamed	AC005740	antisense	chr5	1.41E+08	1.41E+08	+	957	8.990453	0.062053	0.704398	0.193983	3.631242	0.000449	0.0283	1
ENSG0000	remission	Inflamed	CCR1	protein_cc	chr3	46243200	46249887	-	2731	700.3747	0	-1.10588	0.304547	-3.63122	0.000449	0.0283	1
ENSG0000	remission	Inflamed	DUOXA2	protein_cc	chr15	45406519	45410619	+	2554	8410.351	0.002387	-2.79	0.768727	-3.62938	0.000452	0.02841	1
ENSG0000	remission	Inflamed	ARHGAP42	protein_cc	chr17	12692856	12894960	+	9281	2439.105	0	0.998972	0.27534	3.628144	0.000454	0.028411	1
ENSG0000	remission	Inflamed	MAD2L2	protein_cc	chr1	11734537	11751707	-	3324	449.9475	0	-0.76714	0.211479	-3.62748	0.000455	0.028411	1
ENSG0000	remission	Inflamed	PANX2	protein_cc	chr22	50609160	50618723	+	3102	44.45585	0.042959	-1.53208	0.422406	-3.62702	0.000455	0.028411	1
ENSG0000	remission	Inflamed	PRDX4	protein_cc	chrX	23682379	23704516	+	1904	2190.401	0	-0.77733	0.214343	-3.62659	0.000456	0.028411	1
ENSG0000	remission	Inflamed	RP11-875C	antisense	chr8	22928890	22932001	-	881	6.861575	0.183771	-0.98108	0.270603	-3.62554	0.000458	0.028445	1
ENSG0000	remission	Inflamed	CCM2	protein_cc	chr7	45039074	45116068	+	8196	2144.086	0	-0.37392	0.103218	-3.62259	0.000462	0.028602	1
ENSG0000	remission	Inflamed	CD300E	protein_cc	chr17	72606026	72619897	-	3772	537.8711	0.011933	-2.34143	0.646351	-3.62254	0.000462	0.028602	1
ENSG0000	remission	Inflamed	ICAM4	protein_cc	chr19	10397643	10399198	+	1427	66.53461	0	-1.09956	0.303669	-3.62093	0.000465	0.028631	1
ENSG0000	remission	Inflamed	GLA	protein_cc	chrX	1.01E+08	1.01E+08	-	2065	636.3675	0	-0.56835	0.156964	-3.62087	0.000465	0.028631	1
ENSG0000	remission	Inflamed	NCF2	protein_cc	chr1	1.84E+08	1.84E+08	-	2928	1259.494	0	-1.24845	0.344877	-3.61998	0.000466	0.028651	1
ENSG0000	remission	Inflamed	ANK3	protein_cc	chr10	61786056	62493248	-	24624	1177.726	0	1.183224	0.327021	3.618187	0.000469	0.028664	1
ENSG0000	remission	Inflamed	ZADH2	protein_cc	chr18	72907063	72921303	-	8157	1859.379	0	0.612095	0.169186	3.617874	0.00047	0.028664	1
ENSG0000	remission	Inflamed	KDELCP1P1	pseudoger	chr5	1.27E+08	1.27E+08	+	1509	1.801909	0.546539	0.761709	0.210571	3.617348	0.000471	0.028664	1
ENSG0000	remission	Inflamed	FAM26F	protein_cc	chr6	1.17E+08	1.17E+08	+	1186	361.5036	0	-1.18462	0.327505	-3.61712	0.000471	0.028664	1
ENSG0000	remission	Inflamed	IGLV4-60	IG_V_gene	chr22	22516592	22517074	+	362	1038.854	0.009547	-1.96716	0.544278	-3.61425	0.000476	0.028799	1
ENSG0000	remission	Inflamed	ISG20	protein_cc	chr15	89179384	89199714	+	7363	2719.723	0	-0.72187	0.199758	-3.6137	0.000477	0.028799	1
ENSG0000	remission	Inflamed	IYD	protein_cc	chr6	1.51E+08	1.51E+08	+	10362	811.1957	0.004773	1.413254	0.391156	3.613023	0.000478	0.028799	1
ENSG0000	remission	Inflamed	CTSH	protein_cc	chr15	79213400	79241916	-	5892	3696.647	0	-0.73671	0.203918	-3.61276	0.000478	0.028799	1
ENSG0000	remission	Inflamed	IGKV2D-3C	IG_V_gene	chr2	89975669	89976489	+	395	200.6587	0	-1.4181	0.392568	-3.61236	0.000479	0.028799	1
ENSG0000	remission	Inflamed	ITIH6	protein_cc	chrX	54775332	54824673	-	5497	2.384248	0.527446	0.941508	0.260696	3.611519	0.00048	0.028816	1
ENSG0000	remission	Inflamed	ALG1L13P	pseudoger	chr8	8093525	8102189	-	1447	22.48687	0.054893	-1.31912	0.365432	-3.60976	0.000483	0.028851	1

ENSG0000	remission	Inflamed	UGT1A13F	pseudoger	chr2	2.35E+08	2.35E+08	+	762	1.732697	0.642005	0.70527	0.195386	3.609631	0.000483	0.028851	1
ENSG0000	remission	Inflamed	TMEM72	protein_cc	chr10	45406648	45432450	+	3157	479.7208	0.02864	2.323932	0.643899	3.609156	0.000484	0.028851	1
ENSG0000	remission	Inflamed	TKT	protein_cc	chr3	53258723	53290068	-	9507	9892.785	0	-0.38854	0.107746	-3.60609	0.000489	0.029088	1
ENSG0000	remission	Inflamed	LGALS12	protein_cc	chr11	63273556	63284246	+	2270	56.41766	0.033413	-1.38295	0.383591	-3.60527	0.00049	0.029103	1
ENSG0000	remission	Inflamed	IGKV6-21	IG_V_gene	chr2	89459235	89459850	-	406	866.5823	0.002387	-1.73432	0.481282	-3.60354	0.000493	0.029108	1
ENSG0000	remission	Inflamed	ENPP7P11	pseudoger	chr4	9678932	9679558	+	627	65.11933	0.02864	1.705846	0.473416	3.603273	0.000494	0.029108	1
ENSG0000	remission	Inflamed	RP11-480I	lincRNA	chr1	2.03E+08	2.03E+08	+	2321	8.22673	0.155131	0.861463	0.239144	3.602271	0.000495	0.029108	1
ENSG0000	remission	Inflamed	SLC16A9	protein_cc	chr10	61410523	61495760	-	4425	992.8473	0	1.657811	0.460239	3.602065	0.000496	0.029108	1
ENSG0000	remission	Inflamed	HLA-DRA	protein_cc	chr6	32407619	32412823	+	1280	23569.27	0	-0.84925	0.235825	-3.6012	0.000497	0.029108	1
ENSG0000	remission	Inflamed	RP11-107C	protein_cc	chr14	95982473	95984248	+	993	60.642	0.009547	-1.50661	0.418367	-3.60117	0.000497	0.029108	1
ENSG0000	remission	Inflamed	ZNF575	protein_cc	chr19	44029649	44040282	+	3222	401.0597	0	0.96845	0.268968	3.600608	0.000498	0.029108	1
ENSG0000	remission	Inflamed	XX-CR54.3	lincRNA	chr1	2.49E+08	2.49E+08	-	1098	49.8568	0.069212	1.728039	0.480338	3.59755	0.000503	0.029346	1
ENSG0000	remission	Inflamed	HSD3B7	protein_cc	chr16	30996519	31000473	+	2504	1398.403	0	-0.59826	0.166328	-3.59687	0.000505	0.029349	1
ENSG0000	remission	Inflamed	HK3	protein_cc	chr5	1.76E+08	1.76E+08	-	3290	564.2458	0	-1.25606	0.349354	-3.59539	0.000507	0.029432	1
ENSG0000	remission	Inflamed	SPI1	protein_cc	chr11	47376411	47400127	-	2069	2341.384	0	-1.03434	0.287785	-3.59415	0.000509	0.029434	1
ENSG0000	remission	Inflamed	IGHG4	IG_C_gene	chr14	1.06E+08	1.06E+08	-	1110	20595.28	0	-2.3698	0.659446	-3.59362	0.00051	0.029434	1
ENSG0000	remission	Inflamed	SELPLG	protein_cc	chr12	1.09E+08	1.09E+08	-	2843	1796.453	0	-1.05219	0.292835	-3.59313	0.000511	0.029434	1
ENSG0000	remission	Inflamed	RP11-761E	lincRNA	chrX	1.15E+08	1.15E+08	-	2079	5.914081	0.126492	0.72757	0.202516	3.592656	0.000512	0.029434	1
ENSG0000	remission	Inflamed	HSD11B1	protein_cc	chr1	2.1E+08	2.1E+08	+	1526	83.47255	0.011933	-1.70469	0.474561	-3.59214	0.000513	0.029434	1
ENSG0000	remission	Inflamed	DOK2	protein_cc	chr8	21766384	21771371	-	2211	823.8043	0	-0.76586	0.213319	-3.5902	0.000516	0.029563	1
ENSG0000	remission	Inflamed	NTRK1	protein_cc	chr1	1.57E+08	1.57E+08	+	4356	42.69212	0.01432	-0.97006	0.270323	-3.5885	0.000519	0.02967	1
ENSG0000	remission	Inflamed	RP11-695J	antisense	chr12	14720684	14772689	+	596	38.33652	0.01432	0.698773	0.194848	3.586247	0.000523	0.029832	1
ENSG0000	remission	Inflamed	RP11-794C	lincRNA	chr11	61306988	61309731	-	1831	40.53938	0.0358	1.330586	0.371171	3.584834	0.000526	0.029854	1
ENSG0000	remission	Inflamed	RP11-747I	lincRNA	chr3	1.65E+08	1.65E+08	-	1948	34.47494	0.095465	1.568826	0.437705	3.584204	0.000527	0.029854	1
ENSG0000	remission	Inflamed	TUBG1	protein_cc	chr17	40761694	40767252	+	2411	1242.974	0	-0.36046	0.100585	-3.58362	0.000528	0.029854	1
ENSG0000	remission	Inflamed	PIP5KL1	protein_cc	chr9	1.31E+08	1.31E+08	-	3341	20.29356	0.009547	-0.71007	0.198199	-3.5826	0.00053	0.029854	1
ENSG0000	remission	Inflamed	IL17C	protein_cc	chr16	88704999	88706881	+	1379	12.46539	0.272076	-1.41798	0.395884	-3.5818	0.000531	0.029854	1
ENSG0000	remission	Inflamed	MT-ND5	protein_cc	chrM	12337	14148	+	1812	559923.9	0	0.610958	0.170576	3.581726	0.000531	0.029854	1
ENSG0000	remission	Inflamed	RP11-598F	lincRNA	chr12	276022	291565	-	1184	16.65871	0.205251	-1.50235	0.419491	-3.58136	0.000532	0.029854	1
ENSG0000	remission	Inflamed	RP11-96C2	sense_intr	chr10	88873711	88875280	+	688	0.918854	0.770883	0.576022	0.160857	3.580945	0.000533	0.029854	1
ENSG0000	remission	Inflamed	AC006132	protein_cc	chr19	46144752	46146098	+	1235	47.68974	0.002387	-0.91584	0.255873	-3.57926	0.000536	0.029941	1
ENSG0000	remission	Inflamed	SRCRB4D	protein_cc	chr7	76018651	76039012	-	2819	16.179	0.002387	-0.57539	0.160779	-3.57879	0.000536	0.029941	1
ENSG0000	remission	Inflamed	SLC45A2	protein_cc	chr5	33944721	33984835	-	3269	12.43437	0.329356	1.286031	0.359418	3.578095	0.000538	0.029941	1
ENSG0000	remission	Inflamed	MMP12	processed_chr	11	1.03E+08	1.03E+08	-	1879	3511.969	0	-1.59973	0.447152	-3.57758	0.000539	0.029941	1
ENSG0000	remission	Inflamed	CYP4F8	processed_chr	19	15726029	15741448	+	7047	2.205251	0.637232	0.717554	0.200737	3.574602	0.000544	0.03018	1
ENSG0000	remission	Inflamed	PRF1	protein_cc	chr10	72357104	72362531	-	2534	581.3986	0	-0.90554	0.253484	-3.57237	0.000548	0.030224	1
ENSG0000	remission	Inflamed	RP11-280C	antisense	chr1	1.65E+08	1.66E+08	-	4036	0.983294	0.749403	0.424006	0.118692	3.572325	0.000548	0.030224	1
ENSG0000	remission	Inflamed	RP5-884M	lincRNA	chr7	1.06E+08	1.06E+08	+	3542	77.30072	0.155131	-1.87075	0.523681	-3.5723	0.000548	0.030224	1
ENSG0000	remission	Inflamed	PSME2	protein_cc	chr14	24612574	24616779	-	3579	5475.58	0	-0.56073	0.157066	-3.57005	0.000553	0.030252	1
ENSG0000	remission	Inflamed	MYBL2	protein_cc	chr20	42295754	42345136	+	2682	1627.647	0	-0.68414	0.191665	-3.56946	0.000554	0.030252	1

ENSG0000	remission	Inflamed	ORAI2	protein_cc chr7	1.02E+08	1.02E+08	+	11098	2315.403	0	-0.93201	0.26112	-3.56926	0.000554	0.030252	1
ENSG0000	remission	Inflamed	CTC-459F4	pseudoger chr19	28294446	28294968	+	523	4.968974	0.164678	0.75398	0.211253	3.56909	0.000554	0.030252	1
ENSG0000	remission	Inflamed	CD40	protein_cc chr20	44746911	44758502	+	2368	881.8759	0	-0.89859	0.251869	-3.56769	0.000557	0.030252	1
ENSG0000	remission	Inflamed	AC009133	lincRNA chr16	29793246	29794294	+	1049	1568.621	0.011933	2.53868	0.71167	3.567216	0.000558	0.030252	1
ENSG0000	remission	Inflamed	UGT2A3	protein_cc chr4	69794181	69817509	-	3062	723.7661	0.054893	2.501309	0.701237	3.566995	0.000558	0.030252	1
ENSG0000	remission	Inflamed	SERPINE1	protein_cc chr7	1.01E+08	1.01E+08	+	3190	1984.537	0.002387	-2.12381	0.595438	-3.56681	0.000559	0.030252	1
ENSG0000	remission	Inflamed	MMP25	protein_cc chr16	3096682	3110727	+	4126	1374.465	0	-1.25061	0.350687	-3.56617	0.00056	0.030252	1
ENSG0000	remission	Inflamed	UCK2	protein_cc chr1	1.66E+08	1.66E+08	+	6756	2077.363	0	0.429911	0.120562	3.565889	0.00056	0.030252	1
ENSG0000	remission	Inflamed	CLCA3P	pseudoger chr1	87099956	87121059	+	3437	18.70406	0.136038	-1.45505	0.408275	-3.5639	0.000564	0.030282	1
ENSG0000	remission	Inflamed	RP11-379E	lincRNA chr3	1.26E+08	1.26E+08	-	4198	109.2387	0.002387	1.036514	0.29084	3.563864	0.000564	0.030282	1
ENSG0000	remission	Inflamed	AC091492	pseudoger chr3	12369502	12369773	+	272	0.926014	0.76611	0.514272	0.144305	3.563776	0.000564	0.030282	1
ENSG0000	remission	Inflamed	IL24	protein_cc chr1	2.07E+08	2.07E+08	+	1979	152.3484	0.360382	-3.0359	0.852616	-3.56068	0.00057	0.030535	1
ENSG0000	remission	Inflamed	TXNDC11	protein_cc chr16	11772936	11836734	-	4292	4994.864	0	-0.50043	0.140609	-3.55904	0.000573	0.030535	1
ENSG0000	remission	Inflamed	MAPKAPK	protein_cc chr1	2.07E+08	2.07E+08	+	4195	7827.566	0	-0.58118	0.163311	-3.5587	0.000574	0.030535	1
ENSG0000	remission	Inflamed	CFP	protein_cc chrX	47483612	47489704	-	4576	473.4988	0	-1.14801	0.322595	-3.55867	0.000574	0.030535	1
ENSG0000	remission	Inflamed	PTPN21	protein_cc chr14	88932122	89021077	-	7396	1421.931	0	0.800889	0.225113	3.557722	0.000576	0.030535	1
ENSG0000	remission	Inflamed	IMPDH1	protein_cc chr7	1.28E+08	1.28E+08	-	3662	2418.876	0	-0.57215	0.160821	-3.55771	0.000576	0.030535	1
ENSG0000	remission	Inflamed	SIGLEC7	protein_cc chr19	51645556	51656783	+	2043	181.0406	0	-0.80197	0.225588	-3.555	0.000581	0.030701	1
ENSG0000	remission	Inflamed	LILRB3	protein_cc chr19	54720147	54746602	-	4096	163.0143	0.00716	-1.56175	0.439353	-3.55465	0.000582	0.030701	1
ENSG0000	remission	Inflamed	TNNI2	protein_cc chr11	1860219	1862910	+	1080	24.76372	0.002387	-0.7705	0.216793	-3.55408	0.000583	0.030701	1
ENSG0000	remission	Inflamed	RNU6-418	snRNA chr1	2.06E+08	2.06E+08	+	107	2.763723	0.498807	0.91294	0.256897	3.553716	0.000584	0.030701	1
ENSG0000	remission	Inflamed	RASGRP4	protein_cc chr19	38899695	38916945	-	3848	421.7184	0	-1.09271	0.307537	-3.5531	0.000585	0.030703	1
ENSG0000	remission	Inflamed	NINJ1	protein_cc chr9	95883771	95896570	-	2648	1883.208	0	-0.7718	0.217316	-3.55153	0.000588	0.030768	1
ENSG0000	remission	Inflamed	HNF1A-AS	antisense chr12	1.21E+08	1.21E+08	-	1430	226.8401	0.011933	1.228147	0.345832	3.551287	0.000589	0.030768	1
ENSG0000	remission	Inflamed	MROH7-T1	protein_cc chr1	55107459	55207981	+	7090	4.508353	0.386635	0.870108	0.245142	3.549409	0.000592	0.030818	1
ENSG0000	remission	Inflamed	CCDC71	protein_cc chr3	49199968	49203754	-	1781	641.1695	0	-0.28895	0.081416	-3.54906	0.000593	0.030818	1
ENSG0000	remission	Inflamed	CTD-2005f	lincRNA chr11	86438397	86476307	+	503	1.174224	0.701671	0.520327	0.146624	3.548719	0.000594	0.030818	1
ENSG0000	remission	Inflamed	C17orf96	protein_cc chr17	36827961	36831187	-	3227	189.3771	0.002387	-1.12035	0.31573	-3.54845	0.000594	0.030818	1
ENSG0000	remission	Inflamed	hsa-mir-67	pseudoger chr1	566454	567996	+	1543	65555.85	0	0.767803	0.216436	3.547489	0.000596	0.030845	1
ENSG0000	remission	Inflamed	CA7	protein_cc chr16	66878282	66888056	+	1862	2271.05	0.00716	2.490141	0.702111	3.546648	0.000598	0.030845	1
ENSG0000	remission	Inflamed	IL1RN	protein_cc chr2	1.14E+08	1.14E+08	+	3256	3354.305	0	-1.57593	0.444369	-3.54644	0.000598	0.030845	1
ENSG0000	remission	Inflamed	BEST2	protein_cc chr19	12862516	12869272	+	2646	1466.463	0.011933	2.563255	0.723065	3.544986	0.000601	0.030935	1
ENSG0000	remission	Inflamed	IGKV1-9	IG_V_gene chr2	89309479	89310012	-	409	10470.12	0	-1.67745	0.473368	-3.54365	0.000604	0.031014	1
ENSG0000	remission	Inflamed	RUNDC3B	protein_cc chr7	87256864	87461611	+	4710	84.8568	0.019093	1.098187	0.310014	3.542383	0.000607	0.031039	1
ENSG0000	remission	Inflamed	DOC2A	protein_cc chr16	30016830	30034591	-	6426	101.0406	0.004773	1.286393	0.363187	3.541955	0.000607	0.031039	1
ENSG0000	remission	Inflamed	PXDC1	protein_cc chr6	3722848	3752260	-	2474	630.6563	0	-0.65528	0.185018	-3.54167	0.000608	0.031039	1
ENSG0000	remission	Inflamed	MEFV	protein_cc chr16	3292028	3306627	-	4819	434.7088	0.00716	-1.55093	0.438022	-3.54075	0.00061	0.031075	1
ENSG0000	remission	Inflamed	FOSL1	protein_cc chr11	65659520	65668044	-	1887	335.6181	0.011933	-1.86661	0.527323	-3.53979	0.000612	0.031088	1
ENSG0000	remission	Inflamed	MIR3936	miRNA chr5	1.32E+08	1.32E+08	-	110	8.980907	0.145585	0.953559	0.269422	3.539272	0.000613	0.031088	1
ENSG0000	remission	Inflamed	PLAUR	protein_cc chr19	44150247	44174699	-	4457	3315.957	0	-1.03509	0.29249	-3.5389	0.000614	0.031088	1

ENSG0000	remission	Inflamed	DOC2B	protein_cc chr17	5810	31427	-	1480	228.7924	0.004773	-1.39691	0.39487	-3.53764	0.000616	0.031159	1
ENSG0000	remission	Inflamed	LAMC3	protein_cc chr9	1.34E+08	1.34E+08	+	7594	1137.955	0	-1.34517	0.380439	-3.53584	0.00062	0.031228	1
ENSG0000	remission	Inflamed	WI2-2373I	lincRNA chr7	331310	334388	+	530	1.042959	0.763723	0.486194	0.137526	3.535287	0.000621	0.031228	1
ENSG0000	remission	Inflamed	KLK1	protein_cc chr19	51322404	51327043	-	2378	2638.396	0	1.336242	0.377974	3.535274	0.000621	0.031228	1
ENSG0000	remission	Inflamed	AC092569	pseudoger chr2	30969310	30969567	-	258	1.692124	0.596659	0.693075	0.196114	3.534035	0.000624	0.031299	1
ENSG0000	remission	Inflamed	RP11-443E	lincRNA chr1	2.35E+08	2.35E+08	-	846	5.584726	0.212411	-0.90973	0.257541	-3.53235	0.000627	0.031416	1
ENSG0000	remission	Inflamed	TNFRSF9	protein_cc chr1	7979907	8000926	-	2284	100.7804	0.009547	-1.27759	0.361865	-3.53057	0.000631	0.031544	1
ENSG0000	remission	Inflamed	TP73	protein_cc chr1	3569084	3652765	+	6763	140.6921	0.002387	-1.16019	0.328809	-3.52848	0.000636	0.031676	1
ENSG0000	remission	Inflamed	IRF1	protein_cc chr5	1.32E+08	1.32E+08	-	7799	8984.632	0	-0.73527	0.208399	-3.52819	0.000636	0.031676	1
ENSG0000	remission	Inflamed	CDKN2B-A	antisense chr9	21994777	22121096	+	4225	334.4702	0.002387	1.688711	0.478748	3.527348	0.000638	0.031706	1
ENSG0000	remission	Inflamed	C21orf88	protein_cc chr21	40969074	40984748	-	2516	230.5346	0.031026	2.522491	0.715411	3.525933	0.000641	0.031797	1
ENSG0000	remission	Inflamed	RP3-407E4	pseudoger chr6	64150671	64153485	+	968	3.245823	0.610979	0.978622	0.277636	3.52484	0.000643	0.031853	1
ENSG0000	remission	Inflamed	CHST12	protein_cc chr7	2443223	2474242	+	2211	678.0048	0	-0.64568	0.183317	-3.52221	0.000649	0.032015	1
ENSG0000	remission	Inflamed	RP11-24F1	antisense chr3	46406446	46448550	-	656	50.59189	0	-0.65635	0.186346	-3.52221	0.000649	0.032015	1
ENSG0000	remission	Inflamed	TNIP3	protein_cc chr4	1.22E+08	1.22E+08	-	3768	588.3986	0.00716	-2.51165	0.71331	-3.52113	0.000651	0.032071	1
ENSG0000	remission	Inflamed	TLX1	protein_cc chr10	1.03E+08	1.03E+08	+	4425	20.70167	0.105012	1.321455	0.37537	3.520408	0.000653	0.032088	1
ENSG0000	remission	Inflamed	ETV7	protein_cc chr6	36322419	36356164	-	2369	439.21	0	-0.83391	0.23693	-3.51964	0.000655	0.03211	1
ENSG0000	remission	Inflamed	OR52K3P	pseudoger chr11	4496043	4497123	+	1081	8.377088	0.322196	-1.16914	0.332366	-3.51763	0.000659	0.032231	1
ENSG0000	remission	Inflamed	RP11-807I	pseudoger chr11	71883483	71889086	+	829	4.205251	0.315036	0.863812	0.245582	3.517404	0.00066	0.032231	1
ENSG0000	remission	Inflamed	RP11-299I	lincRNA chr2	1.02E+08	1.02E+08	+	2476	23.36516	0.019093	0.731254	0.207979	3.515996	0.000663	0.032296	1
ENSG0000	remission	Inflamed	POMC	protein_cc chr2	25383722	25391772	-	1538	37.88067	0.00716	-1.1801	0.335665	-3.5157	0.000663	0.032296	1
ENSG0000	remission	Inflamed	SLC2A3	protein_cc chr12	8071826	8088871	-	6159	1661.814	0	-1.40691	0.400722	-3.51093	0.000674	0.032702	1
ENSG0000	remission	Inflamed	TIMP1	protein_cc chrX	47441712	47446188	+	1790	9957.695	0	-1.11492	0.317562	-3.51086	0.000674	0.032702	1
ENSG0000	remission	Inflamed	TPPA	protein_cc chr8	63961112	63998612	-	2389	96.29117	0.02148	1.392063	0.39657	3.510257	0.000676	0.032707	1
ENSG0000	remission	Inflamed	DESI1	protein_cc chr22	41994032	42017100	-	4972	2281.279	0	-0.29739	0.084748	-3.50913	0.000678	0.032768	1
ENSG0000	remission	Inflamed	RP11-231E	lincRNA chr3	1.12E+08	1.12E+08	-	1563	17.32458	0.069212	1.166457	0.332457	3.508597	0.000679	0.032768	1
ENSG0000	remission	Inflamed	SLC13A2	protein_cc chr17	26800311	26824799	+	3226	577.8687	0.0358	2.440907	0.696073	3.506683	0.000684	0.032918	1
ENSG0000	remission	Inflamed	PIIB	protein_cc chr15	64448011	64455404	-	1911	10864.84	0	-0.57846	0.164993	-3.50598	0.000685	0.032935	1
ENSG0000	remission	Inflamed	DERL3	protein_cc chr22	24176690	24181315	-	3796	5759.993	0	-1.34195	0.383043	-3.50339	0.000691	0.033103	1
ENSG0000	remission	Inflamed	RP11-282K	sense_intr chr12	19300008	19307593	+	5391	6.183771	0.124105	0.793731	0.226563	3.503362	0.000691	0.033103	1
ENSG0000	remission	Inflamed	IL17F	protein_cc chr6	52101479	52109335	-	1067	9.959427	0.343675	-1.29082	0.368514	-3.50277	0.000693	0.033108	1
ENSG0000	remission	Inflamed	CTDSPL	protein_cc chr3	37903451	38025960	+	5796	2721.451	0	0.64966	0.185584	3.500628	0.000698	0.033285	1
ENSG0000	remission	Inflamed	RP4-659I1	pseudoger chr1	2.33E+08	2.33E+08	+	784	6.307876	0.415274	0.91306	0.26094	3.499115	0.000701	0.033393	1
ENSG0000	remission	Inflamed	RP11-728F	antisense chr11	1.18E+08	1.18E+08	+	1464	15.64678	0.047733	0.849937	0.242942	3.498512	0.000703	0.033399	1
ENSG0000	remission	Inflamed	MPO	protein_cc chr17	56347217	56358296	-	3622	8.334129	0.069212	-0.80487	0.230129	-3.49747	0.000705	0.033417	1
ENSG0000	remission	Inflamed	IGLV5-48	IG_V_gene chr22	22707289	22707781	+	369	67.36993	0.026253	-1.62376	0.464319	-3.49707	0.000706	0.033417	1
ENSG0000	remission	Inflamed	RGCC	protein_cc chr13	42031695	42045018	+	1032	507.1337	0	-0.97026	0.277475	-3.49673	0.000707	0.033417	1
ENSG0000	remission	Inflamed	NMUR2	protein_cc chr5	1.52E+08	1.52E+08	-	2345	125.6993	0.257757	-2.36922	0.677683	-3.49607	0.000708	0.033431	1
ENSG0000	remission	Inflamed	SIGLEC9	protein_cc chr19	51628165	51639908	+	2539	230.0048	0	-1.02418	0.293116	-3.49412	0.000713	0.033569	1
ENSG0000	remission	Inflamed	EGFL6	protein_cc chrX	13587724	13651694	+	2607	141.9523	0.047733	-2.15097	0.615661	-3.49376	0.000714	0.033569	1

ENSG0000	remission	Inflamed	RP11-207C antisense	chr9	5719021	5720244	-	543	1.252983	0.677804	0.504262	0.144376	3.492699	0.000716	0.033595	1
ENSG0000	remission	Inflamed	PPP1R26-1 antisense	chr9	1.38E+08	1.38E+08	-	3750	168.9069	0.00716	1.029834	0.294874	3.492449	0.000717	0.033595	1
ENSG0000	remission	Inflamed	CCL8	protein_cc chr17	32646055	32648421	+	1261	166.3699	0	-1.22935	0.352158	-3.4909	0.000721	0.033709	1
ENSG0000	remission	Inflamed	SLC4A10	protein_cc chr2	1.62E+08	1.63E+08	+	7550	65.29117	0.026253	1.125253	0.322425	3.489968	0.000723	0.033753	1
ENSG0000	remission	Inflamed	SERPINI1	protein_cc chr3	1.67E+08	1.68E+08	+	2418	103.3747	0.004773	-1.07695	0.308991	-3.48539	0.000734	0.034211	1
ENSG0000	remission	Inflamed	Z85986.1	miRNA chr6	36478294	36478375	-	82	1.162291	0.694511	0.543238	0.155894	3.484661	0.000736	0.034233	1
ENSG0000	remission	Inflamed	OXER1	protein_cc chr2	42989642	42991401	-	1760	214.6062	0	0.715366	0.20566	3.478394	0.000751	0.034869	1
ENSG0000	remission	Inflamed	LRRC25	protein_cc chr19	18501954	18508427	-	2415	718.7446	0	-0.96033	0.276112	-3.47804	0.000752	0.034869	1
ENSG0000	remission	Inflamed	TMEM45A	protein_cc chr3	1E+08	1E+08	+	6005	270.7566	0	-0.90205	0.259457	-3.47668	0.000755	0.034869	1
ENSG0000	remission	Inflamed	CAP2P1	pseudoger chr14	89756549	89757938	-	1390	1.749403	0.568019	0.605025	0.174027	3.476621	0.000756	0.034869	1
ENSG0000	remission	Inflamed	STOM	protein_cc chr9	1.24E+08	1.24E+08	-	3188	5881.737	0	-0.84501	0.243066	-3.47647	0.000756	0.034869	1
ENSG0000	remission	Inflamed	NQO2	protein_cc chr6	2988221	3019996	+	2451	487.8544	0	-0.60476	0.173986	-3.47593	0.000757	0.034871	1
ENSG0000	remission	Inflamed	SBNO2	protein_cc chr19	1107636	1174282	-	6476	7246.43	0	-0.794	0.22863	-3.47286	0.000765	0.035142	1
ENSG0000	remission	Inflamed	SLC39A11	protein_cc chr17	70642088	71088851	-	5583	1525.045	0	0.51819	0.149227	3.472502	0.000766	0.035142	1
ENSG0000	remission	Inflamed	PIGZ	protein_cc chr3	1.97E+08	1.97E+08	-	3211	2712.305	0	1.191401	0.343152	3.471937	0.000767	0.035142	1
ENSG0000	remission	Inflamed	RP11-567C lincRNA	chr12	90501516	90506556	+	926	12.21002	0.174224	1.224483	0.352726	3.471482	0.000769	0.035142	1
ENSG0000	remission	Inflamed	UBTD1	protein_cc chr10	99258625	99330966	+	1706	238.5704	0	-0.89467	0.257776	-3.47074	0.00077	0.035167	1
ENSG0000	remission	Inflamed	RP11-175E antisense	chr9	1.28E+08	1.28E+08	+	617	2.083532	0.51074	0.556207	0.160318	3.469395	0.000774	0.035218	1
ENSG0000	remission	Inflamed	FAM184B	protein_cc chr4	17630929	17783135	-	6622	20.50597	0.26253	1.194507	0.344311	3.469266	0.000774	0.035218	1
ENSG0000	remission	Inflamed	SEMA4A	protein_cc chr1	1.56E+08	1.56E+08	+	6676	1647.468	0	-0.83528	0.240903	-3.46728	0.000779	0.035273	1
ENSG0000	remission	Inflamed	CTC-558O antisense	chr5	1.68E+08	1.68E+08	+	810	6.109785	0.295943	0.936536	0.270111	3.467221	0.00078	0.035273	1
ENSG0000	remission	Inflamed	ITPKA	protein_cc chr15	41785591	41795747	+	2090	867.6062	0	0.941121	0.271451	3.466997	0.00078	0.035273	1
ENSG0000	remission	Inflamed	MB	protein_cc chr22	36002811	36033998	-	3020	257.7112	0.00716	1.539951	0.444211	3.466714	0.000781	0.035273	1
ENSG0000	remission	Inflamed	S1PR5	protein_cc chr19	10623623	10628607	-	2601	38.53938	0.019093	-1.16378	0.335828	-3.4654	0.000784	0.035331	1
ENSG0000	remission	Inflamed	PDPN	protein_cc chr1	13909960	13944452	+	3707	1462.289	0	-1.328	0.38324	-3.46518	0.000785	0.035331	1
ENSG0000	remission	Inflamed	SATB2-AS1 antisense	chr2	2E+08	2E+08	+	4470	828.9427	0.004773	2.006092	0.579175	3.463707	0.000789	0.035443	1
ENSG0000	remission	Inflamed	AC009495	lincRNA chr2	1.67E+08	1.67E+08	-	372	9.947494	0.090692	0.836934	0.241744	3.462066	0.000793	0.035576	1
ENSG0000	remission	Inflamed	IGLV4-69	IG_V_gene chr22	22385332	22385870	+	419	2909.463	0	-1.66798	0.481875	-3.46144	0.000795	0.035589	1
ENSG0000	remission	Inflamed	TRPC4	protein_cc chr13	38210773	38444562	-	4205	41.79236	0.026253	-1.1198	0.324212	-3.45392	0.000815	0.036424	1
ENSG0000	remission	Inflamed	RP11-498E lincRNA	chr9	1.25E+08	1.25E+08	+	708	31.12172	0.011933	0.816593	0.236652	3.450602	0.000824	0.036705	1
ENSG0000	remission	Inflamed	GMPPA	protein_cc chr2	2.2E+08	2.2E+08	+	5331	2556.453	0	-0.28568	0.082819	-3.44944	0.000827	0.036705	1
ENSG0000	remission	Inflamed	RP11-206L processed	chr1	745489	753092	-	402	2.436754	0.415274	0.647455	0.187724	3.448975	0.000828	0.036705	1
ENSG0000	remission	Inflamed	HLA-DRB6	pseudoger chr6	32520490	32527799	-	1326	278.3484	0.026253	-0.87977	0.255108	-3.44863	0.000829	0.036705	1
ENSG0000	remission	Inflamed	RNU1-134	snRNA chr20	62540308	62540472	+	165	0.976134	0.749403	0.521068	0.151115	3.448158	0.00083	0.036705	1
ENSG0000	remission	Inflamed	CPA6	protein_cc chr8	68334360	68658620	-	2435	44.17422	0.0358	1.484948	0.430653	3.448128	0.00083	0.036705	1
ENSG0000	remission	Inflamed	NXPE4	protein_cc chr11	1.14E+08	1.14E+08	-	2163	2900.757	0	1.884561	0.546589	3.447857	0.000831	0.036705	1
ENSG0000	remission	Inflamed	IGKV2D-24	IG_V_gene chr2	90043607	90044439	+	390	158.9117	0.004773	-1.40834	0.408517	-3.44743	0.000832	0.036705	1
ENSG0000	remission	Inflamed	JSRP1	protein_cc chr19	2252251	2269758	-	1955	363.5036	0	-1.48429	0.430605	-3.44699	0.000834	0.036705	1
ENSG0000	remission	Inflamed	BTG2	protein_cc chr1	2.03E+08	2.03E+08	+	2757	11164.23	0	-0.83505	0.242293	-3.44646	0.000835	0.036708	1
ENSG0000	remission	Inflamed	DNAH3	protein_cc chr16	20944433	21170762	-	14960	101.7088	0.004773	1.08539	0.315026	3.445405	0.000838	0.036774	1

ENSG0000	remission	Inflamed	SIRPB2	protein_cc chr20	1451386	1472233	-	5199	250.2411	0.002387	-1.04016	0.302036	-3.44383	0.000842	0.036891	1
ENSG0000	remission	Inflamed	CD8B	protein_cc chr2	87042462	87089047	-	1864	145.42	0	-0.76959	0.223496	-3.44343	0.000843	0.036891	1
ENSG0000	remission	Inflamed	JUNB	protein_cc chr19	12902310	12904124	+	1815	9477.644	0	-0.79839	0.231921	-3.44251	0.000846	0.036893	1
ENSG0000	remission	Inflamed	CLEC6A	protein_cc chr12	8608522	8630926	+	1682	9.28401	0.367542	-1.36887	0.397647	-3.44241	0.000846	0.036893	1
ENSG0000	remission	Inflamed	CMTM4	protein_cc chr16	66648653	66730610	-	8117	8551.907	0	0.9729	0.282682	3.441679	0.000848	0.036921	1
ENSG0000	remission	Inflamed	IGKV2D-2&IG_V_gene	chr2	89998789	89999564	+	402	450.6014	0.002387	-1.49375	0.434205	-3.4402	0.000852	0.03697	1
ENSG0000	remission	Inflamed	AP001058	lincRNA chr21	45626408	45627282	-	463	11.87112	0.038186	-0.96671	0.28103	-3.43987	0.000853	0.03697	1
ENSG0000	remission	Inflamed	LINC00589	lincRNA chr8	29531438	29605625	-	2074	8.48926	0.105012	0.999992	0.290715	3.439771	0.000854	0.03697	1
ENSG0000	remission	Inflamed	C1orf167	protein_cc chr1	11821844	11849642	+	6505	25.96659	0.004773	-1.02777	0.298854	-3.43902	0.000856	0.037001	1
ENSG0000	remission	Inflamed	SNORA67	processed_chr17	7476144	7485342	+	4554	676.3914	0	-0.35579	0.103519	-3.43693	0.000862	0.037196	1
ENSG0000	remission	Inflamed	HPCA	protein_cc chr1	33351595	33364042	+	1991	30.93317	0.00716	0.959151	0.279142	3.436069	0.000864	0.03724	1
ENSG0000	remission	Inflamed	SLC7A3	protein_cc chrX	70145432	70150975	-	2265	4.756563	0.24821	0.918182	0.267314	3.434838	0.000868	0.03733	1
ENSG0000	remission	Inflamed	SLC22A23	protein_cc chr6	3269196	3457256	-	8898	5764.945	0	0.887291	0.258555	3.431731	0.000877	0.037652	1
ENSG0000	remission	Inflamed	VIPR1	protein_cc chr3	42530791	42579059	+	7378	4176.878	0	1.429474	0.416704	3.430433	0.00088	0.037725	1
ENSG0000	remission	Inflamed	ZG16	protein_cc chr16	29789561	29793096	+	1934	30948.41	0	2.418416	0.705045	3.430158	0.000881	0.037725	1
ENSG0000	remission	Inflamed	LCN2	protein_cc chr9	1.31E+08	1.31E+08	+	2057	31698.69	0	-1.80788	0.527229	-3.42903	0.000884	0.037804	1
ENSG0000	remission	Inflamed	EPHX4	protein_cc chr1	92495539	92529093	+	2251	28.05251	0.019093	-1.11622	0.325733	-3.42679	0.000891	0.038021	1
ENSG0000	remission	Inflamed	PCDH19	protein_cc chrX	99546642	99665271	-	9756	277.6897	0.002387	1.328497	0.388351	3.420863	0.000908	0.03857	1
ENSG0000	remission	Inflamed	ACAT1	protein_cc chr11	1.08E+08	1.08E+08	+	5584	1571.432	0	0.666635	0.194888	3.420602	0.000909	0.03857	1
ENSG0000	remission	Inflamed	RP1-224A6	lincRNA chr1	22427106	22427853	+	748	2.00716	0.486874	0.595712	0.174158	3.420519	0.000909	0.03857	1
ENSG0000	remission	Inflamed	NANOGNB	pseudoger chrX	1.01E+08	1.01E+08	-	565	1.606205	0.575179	0.551465	0.161225	3.42046	0.00091	0.03857	1
ENSG0000	remission	Inflamed	RFXANK	protein_cc chr19	19303008	19312678	+	2533	991.8353	0	-0.31896	0.093295	-3.41885	0.000914	0.038644	1
ENSG0000	remission	Inflamed	SNRK-AS1	antisense chr3	43391136	43393454	-	750	8.093079	0.183771	0.983555	0.287718	3.418466	0.000916	0.038644	1
ENSG0000	remission	Inflamed	CEBPB	protein_cc chr20	48807376	48809212	+	1837	2711.088	0	-1.00807	0.294895	-3.4184	0.000916	0.038644	1
ENSG0000	remission	Inflamed	SPNS3	protein_cc chr17	4336983	4391503	+	2684	70.57518	0	-0.70442	0.20617	-3.41672	0.000921	0.038783	1
ENSG0000	remission	Inflamed	CCDC108	protein_cc chr2	2.2E+08	2.2E+08	-	10519	18.65632	0.02864	1.073814	0.314317	3.416336	0.000922	0.038783	1
ENSG0000	remission	Inflamed	THEMIS2	protein_cc chr1	28199055	28213196	+	4620	2307.726	0	-0.94697	0.277301	-3.41496	0.000926	0.038873	1
ENSG0000	remission	Inflamed	ABI3	protein_cc chr17	47287589	47300587	+	2456	1026.029	0	-0.61788	0.180949	-3.41464	0.000927	0.038873	1
ENSG0000	remission	Inflamed	SELENBP1	protein_cc chr1	1.51E+08	1.51E+08	-	3504	20717.5	0	1.147148	0.335996	3.414168	0.000929	0.038873	1
ENSG0000	remission	Inflamed	GNLY	protein_cc chr2	85912298	85925977	+	3051	419.4487	0	-1.27385	0.373171	-3.41357	0.00093	0.038887	1
ENSG0000	remission	Inflamed	C2orf54	protein_cc chr2	2.42E+08	2.42E+08	-	2772	209.0239	0.009547	1.399129	0.410048	3.412113	0.000935	0.039012	1
ENSG0000	remission	Inflamed	GJA4	protein_cc chr1	35258599	35261348	+	1717	320.4153	0.002387	-1.26549	0.371075	-3.41035	0.00094	0.039176	1
ENSG0000	remission	Inflamed	TEAD4	protein_cc chr12	3068496	3149839	+	2272	426.4821	0	-0.66425	0.194942	-3.40742	0.000949	0.039491	1
ENSG0000	remission	Inflamed	FLI1-AS1	antisense chr11	1.29E+08	1.29E+08	-	1298	36.56563	0.002387	-0.84784	0.248896	-3.4064	0.000953	0.03956	1
ENSG0000	remission	Inflamed	SELP	protein_cc chr1	1.7E+08	1.7E+08	-	3490	719.6229	0.002387	-1.60748	0.47237	-3.40301	0.000963	0.039939	1
ENSG0000	remission	Inflamed	IGKV5-2	IG_V_gene chr2	89196748	89197300	+	408	260.4248	0.004773	-1.62682	0.478487	-3.39993	0.000973	0.04028	1
ENSG0000	remission	Inflamed	IGHG2	IG_C_gene chr14	1.06E+08	1.06E+08	-	1132	123207.2	0	-2.10699	0.620039	-3.39815	0.000979	0.040383	1
ENSG0000	remission	Inflamed	KCNJ6	protein_cc chr21	38979678	39288749	-	19671	8.458234	0.138425	1.126192	0.331441	3.397862	0.00098	0.040383	1
ENSG0000	remission	Inflamed	CCDC167	protein_cc chr6	37450696	37467698	-	619	296.3389	0	-0.71168	0.209458	-3.39771	0.00098	0.040383	1
ENSG0000	remission	Inflamed	AF064860	lincRNA chr21	41099682	41102607	+	1786	9.77327	0.214797	1.384109	0.4076	3.395755	0.000986	0.040578	1

ENSG0000	remission	Inflamed	RP13-452	processed_chr7	1.52E+08	1.52E+08	+	2222	8.9642	0.224344	-1.15242	0.339533	-3.39413	0.000992	0.04073	1
ENSG0000	remission	Inflamed	C5AR1	protein_cc chr19	47793280	47825323	+	2951	991.5012	0	-1.30279	0.383913	-3.39344	0.000994	0.040759	1
ENSG0000	remission	Inflamed	IRF7	protein_cc chr11	612553	615999	-	2628	1850.167	0	-0.60387	0.17801	-3.39237	0.000997	0.040838	1
ENSG0000	remission	Inflamed	PRDX6	protein_cc chr1	1.73E+08	1.73E+08	+	2367	11467.15	0	0.702982	0.207351	3.390292	0.001004	0.041052	1
ENSG0000	remission	Inflamed	KCNJ8	protein_cc chr12	21917889	21928515	-	2484	119.2578	0	-1.18958	0.350942	-3.38967	0.001006	0.041072	1
ENSG0000	remission	Inflamed	FXYP4	protein_cc chr10	43867090	43871783	+	774	2.670644	0.508353	0.844641	0.249247	3.388769	0.001009	0.041085	1
ENSG0000	remission	Inflamed	AP000344	pseudoger chr22	23788785	23803020	+	795	26.05489	0.133652	1.245243	0.367525	3.38819	0.001011	0.041085	1
ENSG0000	remission	Inflamed	RP11-420	processed_chr16	5289803	6826015	+	2019	9.508353	0.105012	0.883509	0.260764	3.388149	0.001011	0.041085	1
ENSG0000	remission	Inflamed	AC005152	processed_chr17	70033455	70217977	-	8450	27.60621	0.026253	1.021611	0.301576	3.387576	0.001013	0.041096	1
ENSG0000	remission	Inflamed	USP54	protein_cc chr10	75257296	75385711	-	9850	2835.01	0	0.841017	0.248298	3.387121	0.001014	0.041096	1
ENSG0000	remission	Inflamed	WDR45	protein_cc chrX	48929385	48958108	-	4981	1198.661	0	-0.3939	0.11634	-3.38575	0.001019	0.041178	1
ENSG0000	remission	Inflamed	C2orf66	protein_cc chr2	1.98E+08	1.98E+08	-	1669	7.073986	0.176611	0.866632	0.255979	3.385561	0.00102	0.041178	1
ENSG0000	remission	Inflamed	TMEM208	protein_cc chr16	67261006	67263181	+	1787	915.9021	0	-0.5058	0.149471	-3.38391	0.001025	0.041337	1
ENSG0000	remission	Inflamed	PAQR5	protein_cc chr15	69591286	69700119	+	6209	1667.924	0	0.979105	0.289392	3.383312	0.001027	0.041338	1
ENSG0000	remission	Inflamed	INHBE	protein_cc chr12	57846106	57853063	+	3015	4.968974	0.315036	-1.00836	0.298188	-3.38161	0.001033	0.041338	1
ENSG0000	remission	Inflamed	CTD-2192J	sense_intr chr19	12640582	12643787	-	533	4.937947	0.210024	0.751924	0.222373	3.381362	0.001034	0.041338	1
ENSG0000	remission	Inflamed	CLPTM1L	protein_cc chr5	1317859	1345214	-	6557	6656.172	0	-0.38568	0.114068	-3.38112	0.001035	0.041338	1
ENSG0000	remission	Inflamed	IGKV1-16	IG_V_gene chr2	89399352	89399854	-	378	5157.01	0	-1.53587	0.454262	-3.38102	0.001035	0.041338	1
ENSG0000	remission	Inflamed	ACSF2	protein_cc chr17	48503519	48552206	+	5797	1814.752	0	0.901077	0.266517	3.380938	0.001035	0.041338	1
ENSG0000	remission	Inflamed	TXNDC15	protein_cc chr5	1.34E+08	1.34E+08	+	5265	1818.881	0	-0.56979	0.168548	-3.38056	0.001036	0.041338	1
ENSG0000	remission	Inflamed	LST1	protein_cc chr6	31553901	31556686	+	2281	549.3031	0	-1.00494	0.297323	-3.37996	0.001038	0.041338	1
ENSG0000	remission	Inflamed	S100A3	protein_cc chr1	1.54E+08	1.54E+08	-	955	42.53222	0.023866	-1.37268	0.406211	-3.37923	0.001041	0.041338	1
ENSG0000	remission	Inflamed	RP11-77K1	protein_cc chr16	75562430	75579326	-	2125	1.384248	0.653938	0.596865	0.176633	3.379128	0.001041	0.041338	1
ENSG0000	remission	Inflamed	MZB1	protein_cc chr5	1.39E+08	1.39E+08	-	2273	6434.499	0	-1.44219	0.426844	-3.37874	0.001043	0.041338	1
ENSG0000	remission	Inflamed	COL23A1	protein_cc chr5	1.78E+08	1.78E+08	-	3878	398.6038	0	-0.95581	0.282924	-3.37831	0.001044	0.041338	1
ENSG0000	remission	Inflamed	AC019330	lincRNA chr2	1.99E+08	2E+08	-	504	3.594272	0.548926	0.731119	0.216498	3.377027	0.001048	0.041448	1
ENSG0000	remission	Inflamed	MIXL1	protein_cc chr1	2.26E+08	2.26E+08	+	2029	118.8663	0	-1.34714	0.398974	-3.37651	0.00105	0.041456	1
ENSG0000	remission	Inflamed	RP11-350J	antisense chr6	1.5E+08	1.5E+08	+	312	18.30549	0.174224	-1.33442	0.395446	-3.37446	0.001057	0.041671	1
ENSG0000	remission	Inflamed	PLIN1	protein_cc chr15	90207596	90222658	-	3797	60.27208	0.02148	1.042935	0.30918	3.373225	0.001061	0.041674	1
ENSG0000	remission	Inflamed	GALK1	protein_cc chr17	73747675	73761792	-	2891	582.253	0	-0.53772	0.15942	-3.373	0.001062	0.041674	1
ENSG0000	remission	Inflamed	TAS2R18	pseudoger chr12	11311384	11312293	-	910	1.357995	0.673031	0.567217	0.168176	3.372759	0.001063	0.041674	1
ENSG0000	remission	Inflamed	RP11-806	lincRNA chr17	76356534	76369992	+	1188	18	0.138425	-1.46019	0.432955	-3.3726	0.001064	0.041674	1
ENSG0000	remission	Inflamed	HEPACAM	protein_cc chr7	92817899	92855837	-	2483	1672.499	0.002387	1.666446	0.494324	3.371163	0.001069	0.041807	1
ENSG0000	remission	Inflamed	DUSP4	protein_cc chr8	29190581	29208185	-	7257	816.9069	0	-1.12518	0.333837	-3.37044	0.001071	0.041843	1
ENSG0000	remission	Inflamed	SIRT2	protein_cc chr19	39369197	39390502	-	6204	2065.757	0	-0.28346	0.084119	-3.36972	0.001074	0.041879	1
ENSG0000	remission	Inflamed	IGF2BP3	protein_cc chr7	23349828	23510086	-	8511	71.11217	0.050119	-1.37217	0.407295	-3.36897	0.001076	0.041919	1
ENSG0000	remission	Inflamed	VWFP1	pseudoger chr22	17170993	17185367	-	2907	43.98329	0.107399	-1.31416	0.390158	-3.36827	0.001079	0.041952	1
ENSG0000	remission	Inflamed	CLDN2	protein_cc chrX	1.06E+08	1.06E+08	+	3410	1141.337	0.00716	-1.82017	0.540682	-3.36644	0.001085	0.04214	1
ENSG0000	remission	Inflamed	CTD-2611	pseudoger chr19	56218707	56219330	+	624	27.48687	0.059666	1.15173	0.342205	3.365608	0.001088	0.042192	1
ENSG0000	remission	Inflamed	IDO1	protein_cc chr8	39759794	39785963	+	3261	1476.635	0	-2.02468	0.601819	-3.36426	0.001093	0.042241	1

ENSG0000	remission	Inflamed	SCARNA18	snoRNA	chr18	47340731	47340813	+	83	1.980907	0.47494	0.524048	0.155786	3.363893	0.001094	0.042241	1
ENSG0000	remission	Inflamed	NEDD4L	protein_cc	chr18	55711599	56068772	+	15717	4518.776	0	0.938839	0.279094	3.363881	0.001094	0.042241	1
ENSG0000	remission	Inflamed	PUSL1	protein_cc	chr1	1243947	1247057	+	2489	521.2721	0	-0.39979	0.118864	-3.36343	0.001096	0.042241	1
ENSG0000	remission	Inflamed	MOBP	protein_cc	chr3	39508689	39570970	+	9237	14.57518	0.183771	1.055573	0.313879	3.362992	0.001097	0.042241	1
ENSG0000	remission	Inflamed	NCF1B	pseudoger	chr7	72634611	72649979	+	1950	283.7041	0	-0.95554	0.284332	-3.36064	0.001106	0.042366	1
ENSG0000	remission	Inflamed	MNDA	protein_cc	chr1	1.59E+08	1.59E+08	+	2059	520.1002	0	-1.53454	0.456629	-3.36059	0.001106	0.042366	1
ENSG0000	remission	Inflamed	KIAA1984	protein_cc	chr9	1.4E+08	1.4E+08	+	2964	55.90931	0	0.917197	0.272973	3.360026	0.001108	0.042366	1
ENSG0000	remission	Inflamed	TMEM236	protein_cc	chr10	17794251	17842867	+	5464	162.2959	0.059666	1.617471	0.481451	3.359576	0.00111	0.042366	1
ENSG0000	remission	Inflamed	IGKV2OR2	IG_V_pseu	chr22	17395125	17395871	-	367	21.46539	0.078759	-1.34047	0.399025	-3.35935	0.00111	0.042366	1
ENSG0000	remission	Inflamed	DEFB4A	protein_cc	chr8	7752151	7754233	+	380	94.69928	0.424821	-2.5534	0.760215	-3.35879	0.001112	0.042366	1
ENSG0000	remission	Inflamed	RP11-109C	antisense	chr17	12663457	12693559	-	3679	14.82816	0.408115	1.190079	0.354338	3.358594	0.001113	0.042366	1
ENSG0000	remission	Inflamed	SPIB	protein_cc	chr19	50922195	50934570	+	4281	1536.511	0	1.212131	0.360915	3.35849	0.001114	0.042366	1
ENSG0000	remission	Inflamed	RP11-467J	antisense	chr16	53069602	53086785	-	464	10.75418	0.124105	0.919499	0.273833	3.357878	0.001116	0.042389	1
ENSG0000	remission	Inflamed	RP11-395L	pseudoger	chr2	1.14E+08	1.14E+08	+	496	3.322196	0.312649	0.72947	0.217274	3.357377	0.001118	0.042397	1
ENSG0000	remission	Inflamed	PSMB2	protein_cc	chr1	36067185	36107445	-	2701	3778.933	0	-0.34422	0.102545	-3.35677	0.00112	0.042419	1
ENSG0000	remission	Inflamed	RP11-514F	sense_intr	chr11	36408071	36409800	+	151	3.28401	0.396181	0.768546	0.229024	3.355745	0.001124	0.042499	1
ENSG0000	remission	Inflamed	FTSJ1	protein_cc	chrX	48334541	48344752	+	2740	1114.723	0	-0.35123	0.10468	-3.35524	0.001125	0.042508	1
ENSG0000	remission	Inflamed	RP11-305L	lincRNA	chr9	93968457	93972581	-	4125	8.828162	0.133652	0.868653	0.258971	3.354249	0.001129	0.042583	1
ENSG0000	remission	Inflamed	RP11-145A	antisense	chr1	2.26E+08	2.26E+08	+	1530	2.484487	0.584726	-0.89822	0.267848	-3.35348	0.001132	0.042629	1
ENSG0000	remission	Inflamed	RAB33A	protein_cc	chrX	1.29E+08	1.29E+08	+	1258	31.72315	0	-0.83063	0.24787	-3.35108	0.001141	0.042781	1
ENSG0000	remission	Inflamed	FIBIN	protein_cc	chr11	27015628	27018630	+	3003	330.2697	0	-1.34215	0.400525	-3.35098	0.001141	0.042781	1
ENSG0000	remission	Inflamed	HLA-E	protein_cc	chr6	30457244	30461982	+	2975	42464.64	0	-0.33919	0.101231	-3.35066	0.001142	0.042781	1
ENSG0000	remission	Inflamed	RP11-120K	lincRNA	chr13	1.14E+08	1.14E+08	-	1297	32.32458	0.02864	1.043718	0.311501	3.350611	0.001142	0.042781	1
ENSG0000	remission	Inflamed	GJA5	protein_cc	chr1	1.47E+08	1.47E+08	-	3256	258.8711	0.009547	-1.31377	0.392232	-3.34946	0.001147	0.042811	1
ENSG0000	remission	Inflamed	DHRS11	protein_cc	chr17	34948228	34957235	+	5462	4695.227	0	1.121446	0.334868	3.348916	0.001149	0.042811	1
ENSG0000	remission	Inflamed	DDX39A	protein_cc	chr19	14519631	14530192	-	3837	2061.847	0	-0.33349	0.099605	-3.34811	0.001152	0.042811	1
ENSG0000	remission	Inflamed	MPV17L2	protein_cc	chr19	18303992	18307758	+	2135	455.9666	0	-0.40065	0.119685	-3.34756	0.001154	0.042811	1
ENSG0000	remission	Inflamed	CASC10	protein_cc	chr10	21781587	21786191	-	3801	33.46778	0.01432	-0.98836	0.29525	-3.34753	0.001154	0.042811	1
ENSG0000	remission	Inflamed	RP11-807I	pseudoger	chr11	71869866	71870905	+	741	20.75418	0.396181	1.128147	0.337068	3.34694	0.001156	0.042811	1
ENSG0000	remission	Inflamed	AC098823	lincRNA	chr2	2.32E+08	2.32E+08	-	2609	3.26253	0.319809	0.700595	0.209325	3.346921	0.001156	0.042811	1
ENSG0000	remission	Inflamed	CLEC4A	protein_cc	chr12	8276228	8291203	+	1281	166.3365	0	-0.97481	0.291258	-3.3469	0.001156	0.042811	1
ENSG0000	remission	Inflamed	RP5-1061I	lincRNA	chr1	2.29E+08	2.29E+08	-	1155	14.47494	0.042959	0.803628	0.240187	3.345847	0.00116	0.042881	1
ENSG0000	remission	Inflamed	SCAMP3	protein_cc	chr1	1.55E+08	1.55E+08	-	2442	2112.224	0	-0.28695	0.085772	-3.34553	0.001161	0.042881	1
ENSG0000	remission	Inflamed	KIR2DL3	protein_cc	chr19	55249980	55295776	+	2484	2.424821	0.51074	-0.6878	0.205806	-3.34196	0.001175	0.043317	1
ENSG0000	remission	Inflamed	TNFRSF4	protein_cc	chr1	1146706	1149518	-	1721	339.5036	0	-1.08404	0.324495	-3.34071	0.00118	0.043432	1
ENSG0000	remission	Inflamed	LINC0023E	processed	chr14	66953072	66965271	+	1417	7.739857	0.260143	0.966332	0.289459	3.338406	0.001188	0.043696	1
ENSG0000	remission	Inflamed	TAPT1-AS1	antisense	chr4	16228286	16321763	+	4192	143.5847	0	0.595234	0.178334	3.337756	0.001191	0.043726	1
ENSG0000	remission	Inflamed	RP11-395C	pseudoger	chr5	1.26E+08	1.26E+08	-	303	7.701671	0.23389	0.932352	0.279531	3.335409	0.0012	0.043962	1
ENSG0000	remission	Inflamed	RP11-513M	antisense	chr9	19375449	19375994	+	546	21.08115	0.019093	0.796093	0.238692	3.335226	0.001201	0.043962	1
ENSG0000	remission	Inflamed	SEMA5A	protein_cc	chr5	9035138	9546187	-	12097	2079.568	0	0.852087	0.255519	3.334734	0.001203	0.043971	1

ENSG0000	remission	Inflamed	FGF9	protein_cc	chr13	22245522	22278637	+	4539	62.41766	0.019093	1.297651	0.389345	3.332909	0.00121	0.044075	1
ENSG0000	remission	Inflamed	PF4V1	protein_cc	chr4	74718906	74719872	+	522	13.55609	0.252983	-1.30689	0.392152	-3.33262	0.001211	0.044075	1
ENSG0000	remission	Inflamed	ADAMTS4	protein_cc	chr1	1.61E+08	1.61E+08	-	10334	734.3628	0.00716	-1.64526	0.493701	-3.3325	0.001211	0.044075	1
ENSG0000	remission	Inflamed	KLK10	protein_cc	chr19	51515995	51523431	-	3853	1661.446	0	-2.75994	0.828242	-3.33228	0.001212	0.044075	1
ENSG0000	remission	Inflamed	CTD-2201	antisense	chr5	79348197	79379477	-	3233	18.99045	0.066826	0.969236	0.290911	3.331732	0.001214	0.044093	1
ENSG0000	remission	Inflamed	LINC0039C	lincRNA	chr13	44680514	44711372	-	340	2.610979	0.441527	0.70475	0.211585	3.330807	0.001218	0.044143	1
ENSG0000	remission	Inflamed	RP11-47G	pseudoger	chr10	1.26E+08	1.26E+08	-	525	7.331742	0.210024	-1.01764	0.30555	-3.33053	0.001219	0.044143	1
ENSG0000	remission	Inflamed	RP11-275I	lincRNA	chr15	38964048	38981392	+	815	7.575179	0.300716	-1.2104	0.363489	-3.32995	0.001221	0.044164	1
ENSG0000	remission	Inflamed	RP11-416I	antisense	chr10	1.05E+08	1.05E+08	+	1432	17.70883	0.050119	1.057813	0.31773	3.329278	0.001224	0.044199	1
ENSG0000	remission	Inflamed	MIF	protein_cc	chr22	24236191	24237414	+	1109	2893.979	0	-0.60082	0.180498	-3.32868	0.001226	0.044224	1
ENSG0000	remission	Inflamed	IL5RA	protein_cc	chr3	3111233	3168297	-	3377	40.06205	0	-1.20033	0.360705	-3.32775	0.00123	0.044261	1
ENSG0000	remission	Inflamed	SYT3	protein_cc	chr19	51124564	51171651	-	3832	7.51074	0.193317	-0.94204	0.283103	-3.32757	0.001231	0.044261	1
ENSG0000	remission	Inflamed	GPX1	protein_cc	chr3	49394609	49396033	-	1425	4064.988	0	-0.61269	0.184156	-3.32703	0.001233	0.044277	1
ENSG0000	remission	Inflamed	KRT23	protein_cc	chr17	39078948	39093886	-	2902	44.39379	0.023866	-1.66135	0.499515	-3.32592	0.001237	0.044347	1
ENSG0000	remission	Inflamed	VWA1	protein_cc	chr1	1370241	1378262	+	5065	4033.9	0	-0.77102	0.231836	-3.3257	0.001238	0.044347	1
ENSG0000	remission	Inflamed	RP11-502I	lincRNA	chr15	67833410	67834942	-	1533	56.8401	0	0.717159	0.215872	3.322151	0.001252	0.044745	1
ENSG0000	remission	Inflamed	MAMDC2	protein_cc	chr9	72658497	72841886	+	3854	289.8878	0.009547	1.519435	0.457375	3.32208	0.001253	0.044745	1
ENSG0000	remission	Inflamed	RP11-466A	sense_intr	chr17	30839887	30846368	-	420	3.093079	0.293556	0.687508	0.207026	3.32088	0.001257	0.044857	1
ENSG0000	remission	Inflamed	AIFM3	protein_cc	chr22	21319396	21335649	+	5332	1813.604	0	1.288872	0.388208	3.320054	0.001261	0.044915	1
ENSG0000	remission	Inflamed	PRC1-AS1	antisense	chr15	91509575	91531854	+	1799	13.88305	0.078759	0.904275	0.272412	3.319511	0.001263	0.044933	1
ENSG0000	remission	Inflamed	EMR2	protein_cc	chr19	14843205	14889353	-	8622	1545.389	0	-1.1376	0.342979	-3.31682	0.001274	0.045209	1
ENSG0000	remission	Inflamed	WNT7A	protein_cc	chr3	13857755	13921618	-	4579	5.470167	0.501193	-1.34771	0.406334	-3.31676	0.001274	0.045209	1
ENSG0000	remission	Inflamed	IGLVI-70	IG_V_pseu	chr22	22380474	22380991	+	390	215.6516	0.02148	-1.57509	0.474945	-3.31635	0.001276	0.045209	1
ENSG0000	remission	Inflamed	CTA-384D	lincRNA	chr22	50981079	50981440	+	362	22.46778	0.050119	-1.19928	0.361728	-3.31542	0.00128	0.045284	1
ENSG0000	remission	Inflamed	RP11-420A	antisense	chr17	5267610	5274921	-	512	2.393795	0.451074	0.691718	0.208689	3.314586	0.001283	0.045309	1
ENSG0000	remission	Inflamed	ABCB1	protein_cc	chr7	87133175	87342611	-	5552	1687.248	0	1.408936	0.425112	3.314273	0.001285	0.045309	1
ENSG0000	remission	Inflamed	MYO1F	protein_cc	chr19	8585674	8642461	-	8550	2720.11	0	-0.92185	0.278169	-3.31399	0.001286	0.045309	1
ENSG0000	remission	Inflamed	TRHDE	protein_cc	chr12	72481046	73059422	+	6835	118.0095	0.016706	1.384612	0.417872	3.313485	0.001288	0.045322	1
ENSG0000	remission	Inflamed	R3HDM4	protein_cc	chr19	896503	913240	-	2961	3778.84	0	-0.44371	0.133954	-3.3124	0.001292	0.045346	1
ENSG0000	remission	Inflamed	PTPRD	protein_cc	chr9	8314246	10612723	-	11081	1114.835	0	1.084791	0.327496	3.312382	0.001292	0.045346	1
ENSG0000	remission	Inflamed	IRG1	protein_cc	chr13	77522632	77532777	+	2177	59.27446	0.386635	-2.09448	0.632379	-3.31207	0.001294	0.045346	1
ENSG0000	remission	Inflamed	CDKN2B	protein_cc	chr9	22002902	22009362	-	4058	2655.298	0	1.22646	0.370415	3.311039	0.001298	0.045437	1
ENSG0000	remission	Inflamed	KIFC3	protein_cc	chr16	57792129	57896957	-	7552	987.568	0	-0.9157	0.276765	-3.30858	0.001308	0.045596	1
ENSG0000	remission	Inflamed	RP11-465E	lincRNA	chr1	1072397	1079436	+	1620	41.49642	0.045346	1.11924	0.338297	3.308452	0.001309	0.045596	1
ENSG0000	remission	Inflamed	AP001429	sense_intr	chr21	38473114	38473643	+	530	1.465394	0.646778	0.566891	0.171365	3.308088	0.00131	0.045596	1
ENSG0000	remission	Inflamed	RP11-598F	antisense	chr12	273830	275487	-	1101	17.56325	0.200477	-1.33706	0.404335	-3.3068	0.001316	0.045596	1
ENSG0000	remission	Inflamed	IGLV7-46	IG_V_gene	chr22	22723982	22724454	+	384	4029.036	0	-1.62067	0.490119	-3.30668	0.001316	0.045596	1
ENSG0000	remission	Inflamed	KIAA1456	protein_cc	chr8	12803151	12889012	+	14668	258.2554	0	1.094337	0.330949	3.306663	0.001316	0.045596	1
ENSG0000	remission	Inflamed	SPP1	protein_cc	chr4	88896819	88904562	+	2288	551.2959	0.004773	-1.62205	0.490579	-3.30641	0.001317	0.045596	1
ENSG0000	remission	Inflamed	MMP1	protein_cc	chr11	1.03E+08	1.03E+08	-	1970	4548.446	0	-2.1665	0.655263	-3.30631	0.001318	0.045596	1

ENSG0000	remission	Inflamed	IGKC	IG_C_gene	chr2	89156674	89157196	-	523	644.8998	0	-1.62204	0.490638	-3.30599	0.001319	0.045596	1
ENSG0000	remission	Inflamed	TNFRSF18	protein_cc	chr1	1138888	1142071	-	1370	294.1313	0	-0.91289	0.276145	-3.30583	0.00132	0.045596	1
ENSG0000	remission	Inflamed	COX19	protein_cc	chr7	938415	1015235	-	5542	688.9952	0	0.378985	0.114681	3.304701	0.001325	0.045655	1
ENSG0000	remission	Inflamed	MYO1D	protein_cc	chr17	30819540	31204195	-	7731	25977.47	0	0.764553	0.231362	3.30458	0.001325	0.045655	1
ENSG0000	remission	Inflamed	CTD-2033I	antisense	chr15	39885781	39886432	-	281	7.589499	0.315036	1.214778	0.367659	3.304088	0.001327	0.045655	1
ENSG0000	remission	Inflamed	MIR31HG	sense_ove	chr9	21455641	21559668	-	745	7.799523	0.441527	-1.29943	0.393313	-3.3038	0.001328	0.045655	1
ENSG0000	remission	Inflamed	PPFIBP2	protein_cc	chr11	7534529	7678358	+	9617	1794.48	0	0.524322	0.158786	3.302062	0.001336	0.045826	1
ENSG0000	remission	Inflamed	FGFR3	protein_cc	chr4	1795034	1810599	+	4834	1824.064	0	0.997911	0.302231	3.301816	0.001337	0.045826	1
ENSG0000	remission	Inflamed	CAMK2N1	protein_cc	chr1	20808884	20812713	-	2615	5970.329	0	0.797008	0.241517	3.300013	0.001345	0.046003	1
ENSG0000	remission	Inflamed	ASIC2	protein_cc	chr17	31340105	32501983	-	5597	21.7685	0.054893	1.078041	0.326699	3.299804	0.001346	0.046003	1
ENSG0000	remission	Inflamed	CACNB2	protein_cc	chr10	18429606	18830798	+	6537	256.4415	0.002387	1.071646	0.324896	3.298426	0.001352	0.046146	1
ENSG0000	remission	Inflamed	TMIGD1	protein_cc	chr17	28643351	28661077	-	1228	954.4368	0.023866	2.490683	0.755271	3.297733	0.001355	0.046189	1
ENSG0000	remission	Inflamed	FOXC1	protein_cc	chr6	1610681	1614127	+	3447	80.36993	0.01432	-0.88864	0.269523	-3.2971	0.001357	0.046216	1
ENSG0000	remission	Inflamed	BHLHA15	protein_cc	chr7	97840739	97842291	+	798	422.6301	0	-1.18411	0.359174	-3.29674	0.001359	0.046216	1
ENSG0000	remission	Inflamed	SPAG4	protein_cc	chr20	34203814	34208971	+	2240	327.0979	0	-1.16164	0.352436	-3.29604	0.001362	0.04626	1
ENSG0000	remission	Inflamed	AC121251	pseudoger	chr3	23431152	23431400	-	249	4.73747	0.310263	-0.91924	0.278928	-3.29562	0.001364	0.046262	1
ENSG0000	remission	Inflamed	SAMD13	protein_cc	chr1	84764049	84855640	+	3589	173.5752	0.002387	1.019132	0.309408	3.293813	0.001372	0.046445	1
ENSG0000	remission	Inflamed	LPCAT1	protein_cc	chr5	1456595	1524092	-	6494	4154.68	0	-0.7521	0.228397	-3.29296	0.001375	0.046445	1
ENSG0000	remission	Inflamed	CLEC5A	protein_cc	chr7	1.42E+08	1.42E+08	-	4129	82.06921	0.045346	-1.87072	0.568125	-3.2928	0.001376	0.046445	1
ENSG0000	remission	Inflamed	OVOL3	protein_cc	chr19	36602104	36604613	+	879	3.673031	0.563246	-1.0079	0.306092	-3.29278	0.001376	0.046445	1
ENSG0000	remission	Inflamed	MAFF	protein_cc	chr22	38597889	38612518	+	2977	1339.905	0	-0.84196	0.255813	-3.29133	0.001383	0.046602	1
ENSG0000	remission	Inflamed	CAMK1D	protein_cc	chr10	12391481	12877545	+	8746	2599.831	0	0.695957	0.211518	3.290295	0.001387	0.046697	1
ENSG0000	remission	Inflamed	LY6E	protein_cc	chr8	1.44E+08	1.44E+08	+	2640	1887.2	0	-0.87595	0.266296	-3.28938	0.001391	0.046716	1
ENSG0000	remission	Inflamed	ECHDC2	protein_cc	chr1	53361656	53392884	-	11498	2735.37	0	0.737612	0.224257	3.289141	0.001392	0.046716	1
ENSG0000	remission	Inflamed	FMO5	protein_cc	chr1	1.47E+08	1.47E+08	-	5988	1087.513	0	1.153193	0.350706	3.288207	0.001397	0.046716	1
ENSG0000	remission	Inflamed	MAOA	protein_cc	chrX	43515467	43606068	+	4213	7999.68	0	1.1181	0.340072	3.287837	0.001398	0.046716	1
ENSG0000	remission	Inflamed	TMEM132	protein_cc	chr11	60691935	60704631	+	7271	1303.153	0	-1.21305	0.368956	-3.2878	0.001398	0.046716	1
ENSG0000	remission	Inflamed	AQP5	protein_cc	chr12	50355653	50359464	+	1885	90.66826	0.252983	-2.26644	0.689384	-3.28764	0.001399	0.046716	1
ENSG0000	remission	Inflamed	CXCL5	protein_cc	chr4	74861359	74864496	-	2538	1725.842	0.081146	-3.6525	1.111067	-3.28738	0.0014	0.046716	1
ENSG0000	remission	Inflamed	SSSCA1	protein_cc	chr11	65337901	65341413	+	2008	440.2267	0	-0.48116	0.146418	-3.28619	0.001406	0.046764	1
ENSG0000	remission	Inflamed	MT1G	protein_cc	chr16	56700643	56701977	-	750	2189.334	0	1.431443	0.435649	3.285774	0.001407	0.046764	1
ENSG0000	remission	Inflamed	ILDR1	protein_cc	chr3	1.22E+08	1.22E+08	-	2953	758.9021	0	0.890604	0.271083	3.285349	0.001409	0.046764	1
ENSG0000	remission	Inflamed	PLEKHN1	protein_cc	chr1	901877	911245	+	2833	139.3986	0.00716	-1.08011	0.328787	-3.28512	0.00141	0.046764	1
ENSG0000	remission	Inflamed	CYP3A7	protein_cc	chr7	99302660	99332819	-	3531	10.67542	0.133652	0.962577	0.293015	3.285076	0.001411	0.046764	1
ENSG0000	remission	Inflamed	ATP13A5	protein_cc	chr3	1.93E+08	1.93E+08	-	6228	0.959427	0.768496	0.495669	0.151023	3.282076	0.001424	0.047103	1
ENSG0000	remission	Inflamed	VOPP1	protein_cc	chr7	55503749	55640681	-	5361	3265.1	0	-0.3116	0.094941	-3.28203	0.001424	0.047103	1
ENSG0000	remission	Inflamed	RP11-772E	pseudoger	chr5	1.26E+08	1.26E+08	-	232	11.62768	0.155131	0.922287	0.281108	3.280903	0.00143	0.047214	1
ENSG0000	remission	Inflamed	RGS19	protein_cc	chr20	62704534	62711323	-	2010	818.6826	0	-0.86331	0.263252	-3.27941	0.001436	0.047379	1
ENSG0000	remission	Inflamed	STRA6	protein_cc	chr15	74471807	74504608	-	7690	180.4368	0.045346	-1.76135	0.53739	-3.27761	0.001445	0.047594	1
ENSG0000	remission	Inflamed	CD82	protein_cc	chr11	44585977	44641913	+	4054	3403.126	0	-0.74247	0.226576	-3.27691	0.001448	0.04764	1

ENSG0000	remission	Inflamed	RP11-91J1	lincRNA	chr8	424455	427966	+	3512	184.0621	0.004773	0.950072	0.289979	3.276341	0.00145	0.047667	1
ENSG0000	remission	Inflamed	MFNG	protein_cc	chr22	37865101	37882439	-	3042	1092.742	0	-0.57767	0.176451	-3.27385	0.001462	0.047987	1
ENSG0000	remission	Inflamed	PDCD4	protein_cc	chr10	1.13E+08	1.13E+08	+	4535	7016.914	0	0.914656	0.279468	3.272848	0.001467	0.048081	1
ENSG0000	remission	Inflamed	APOC2	protein_cc	chr19	45449243	45452822	+	1312	20.6611	0.040573	-0.89143	0.27246	-3.27179	0.001472	0.048096	1
ENSG0000	remission	Inflamed	VNN2	protein_cc	chr6	1.33E+08	1.33E+08	-	2633	414.8616	0	-1.55176	0.474334	-3.27145	0.001473	0.048096	1
ENSG0000	remission	Inflamed	HSPA6	protein_cc	chr1	1.61E+08	1.61E+08	+	2646	306.5847	0	-1.20866	0.369498	-3.27109	0.001475	0.048096	1
ENSG0000	remission	Inflamed	FTL	protein_cc	chr19	49468558	49470135	+	878	70707.24	0	-0.65399	0.199935	-3.27102	0.001475	0.048096	1
ENSG0000	remission	Inflamed	TRIM55	protein_cc	chr8	67039131	67087720	+	3079	9.477327	0.133652	-1.13472	0.346926	-3.2708	0.001476	0.048096	1
ENSG0000	remission	Inflamed	RP11-5571	lincRNA	chr6	1.35E+08	1.35E+08	-	1731	1.747017	0.570406	-0.58313	0.178315	-3.2702	0.001479	0.048127	1
ENSG0000	remission	Inflamed	AC129492	protein_cc	chr17	7982800	7984883	+	1804	24.34368	0.042959	1.140617	0.348831	3.269823	0.001481	0.048127	1
ENSG0000	remission	Inflamed	IGKV1-13	IG_V_pseu	chr2	89345492	89345963	-	347	34.05251	0.145585	-1.45608	0.445448	-3.2688	0.001486	0.048224	1
ENSG0000	remission	Inflamed	KCNMB2	protein_cc	chr3	1.78E+08	1.79E+08	+	3585	7.684964	0.150358	0.951953	0.291297	3.267986	0.00149	0.04829	1
ENSG0000	remission	Inflamed	PTGS2	protein_cc	chr1	1.87E+08	1.87E+08	-	5269	1251.661	0.002387	-1.82604	0.559019	-3.2665	0.001497	0.048346	1
ENSG0000	remission	Inflamed	FETUB	protein_cc	chr3	1.86E+08	1.86E+08	+	2024	3.336516	0.665871	1.063152	0.325474	3.266475	0.001497	0.048346	1
ENSG0000	remission	Inflamed	NUDT1	protein_cc	chr7	2281857	2290781	+	2006	282.6706	0	-0.52225	0.159885	-3.26643	0.001497	0.048346	1
ENSG0000	remission	Inflamed	SERINC5	protein_cc	chr5	79407050	79551898	-	5107	1225.523	0	0.731234	0.223907	3.265794	0.0015	0.048346	1
ENSG0000	remission	Inflamed	PSMB8	protein_cc	chr6	32808494	32812480	-	2006	4561.017	0	-0.38876	0.119043	-3.26569	0.001501	0.048346	1
ENSG0000	remission	Inflamed	APBA1	protein_cc	chr9	72042446	72287222	-	6534	491.3699	0.002387	0.786703	0.24097	3.264735	0.001505	0.048434	1
ENSG0000	remission	Inflamed	RP11-164F	antisense	chr4	1.53E+08	1.53E+08	+	304	26.52029	0.02864	0.911064	0.27913	3.263937	0.001509	0.048498	1
ENSG0000	remission	Inflamed	ADM	protein_cc	chr11	10326227	10328944	+	2718	2536.186	0	-0.8938	0.273904	-3.2632	0.001513	0.048535	1
ENSG0000	remission	Inflamed	ADAMTS1	protein_cc	chr15	1.01E+08	1.01E+08	-	7800	157.6778	0.002387	0.653446	0.200264	3.262927	0.001514	0.048535	1
ENSG0000	remission	Inflamed	RP4-584D	antisense	chr7	1.5E+08	1.5E+08	-	577	13.50119	0.062053	0.785569	0.24083	3.26192	0.001519	0.048632	1
ENSG0000	remission	Inflamed	ZNF385C	protein_cc	chr17	40177594	40217383	-	5115	27.1957	0.011933	0.804751	0.24677	3.261137	0.001522	0.048645	1
ENSG0000	remission	Inflamed	MCF2L-AS	antisense	chr13	1.14E+08	1.14E+08	-	712	58.92363	0.002387	0.792105	0.242917	3.260806	0.001524	0.048645	1
ENSG0000	remission	Inflamed	KLK6	protein_cc	chr19	51461887	51472929	-	1976	292.3007	0.331742	-2.94813	0.904216	-3.26043	0.001526	0.048645	1
ENSG0000	remission	Inflamed	RP11-542E	lincRNA	chr12	67913609	67960906	+	2284	7.575179	0.28401	0.976103	0.299423	3.259942	0.001528	0.048645	1
ENSG0000	remission	Inflamed	DBNDD2	protein_cc	chr20	44034697	44039250	+	2764	336.1575	0	0.572103	0.175518	3.259507	0.00153	0.048645	1
ENSG0000	remission	Inflamed	CEACAM1	protein_cc	chr19	45165545	45187631	+	5202	281.3055	0.004773	0.972357	0.298325	3.259393	0.001531	0.048645	1
ENSG0000	remission	Inflamed	LBP	protein_cc	chr20	36974759	37005665	+	1961	41.28401	0.231504	-2.08098	0.638557	-3.25888	0.001533	0.048645	1
ENSG0000	remission	Inflamed	SOX6	protein_cc	chr11	15987995	16761138	-	19632	233.4678	0.002387	1.033789	0.31724	3.258694	0.001534	0.048645	1
ENSG0000	remission	Inflamed	ADH1C	polymorpt	chr4	1E+08	1E+08	-	1860	4661.227	0.002387	1.89101	0.580348	3.258408	0.001536	0.048645	1
ENSG0000	remission	Inflamed	CTB-36O1	pseudoger	chr5	1.34E+08	1.34E+08	-	747	258.3294	0	0.722572	0.221909	3.256159	0.001547	0.048837	1
ENSG0000	remission	Inflamed	KTI12	protein_cc	chr1	52497775	52499488	-	1714	313.4582	0	-0.28551	0.087686	-3.25611	0.001547	0.048837	1
ENSG0000	remission	Inflamed	ADRM1	protein_cc	chr20	60877149	60883918	+	2142	3305.9	0	-0.33717	0.103552	-3.25603	0.001547	0.048837	1
ENSG0000	remission	Inflamed	TNFRSF12	protein_cc	chr16	3068446	3072384	+	1848	781.0406	0	-1.05179	0.323158	-3.25473	0.001554	0.048923	1
ENSG0000	remission	Inflamed	RP11-356C	lincRNA	chr14	38025363	38036300	-	532	40.26014	0.052506	1.142424	0.351005	3.254724	0.001554	0.048923	1
ENSG0000	remission	Inflamed	DEF8	protein_cc	chr16	90014333	90034468	+	6565	2065.862	0	-0.47631	0.14644	-3.25261	0.001564	0.049064	1
ENSG0000	remission	Inflamed	CNN2	protein_cc	chr19	1026298	1039068	+	3928	6980.864	0	-0.5309	0.16324	-3.25224	0.001566	0.049064	1
ENSG0000	remission	Inflamed	HAVCR2	protein_cc	chr5	1.57E+08	1.57E+08	-	3804	394.3413	0	-0.74505	0.2291	-3.25207	0.001567	0.049064	1
ENSG0000	remission	Inflamed	KRT7	protein_cc	chr12	52626304	52645970	+	4093	423.9618	0.002387	-1.96183	0.603272	-3.25199	0.001567	0.049064	1

ENSG0000	remission	Inflamed	WISP1	protein_cc	chr8	1.34E+08	1.34E+08	+	3844	516.3652	0.00716	-1.67115	0.513963	-3.2515	0.00157	0.049064	1
ENSG0000	remission	Inflamed	IGKV3-11	IG_V_gene	chr2	89326668	89327228	-	392	33944.01	0	-1.49112	0.458643	-3.25116	0.001572	0.049064	1
ENSG0000	remission	Inflamed	LY6G6C	protein_cc	chr6	31686425	31689622	-	1103	8.670644	0.124105	0.997234	0.306738	3.251095	0.001572	0.049064	1
ENSG0000	remission	Inflamed	RP11-274E	pseudoger	chr5	97549106	97549825	+	720	87.94272	0	-0.54377	0.167272	-3.25082	0.001573	0.049064	1
ENSG0000	remission	Inflamed	DLL3	protein_cc	chr19	39989535	39999121	+	2618	4.682578	0.221957	-0.87879	0.270367	-3.25037	0.001575	0.049075	1
ENSG0000	remission	Inflamed	TFDP2	protein_cc	chr3	1.42E+08	1.42E+08	-	11895	1008.019	0	0.584866	0.179996	3.249335	0.001581	0.049178	1
ENSG0000	remission	Inflamed	CALR	protein_cc	chr19	13049392	13055303	+	2714	35812.37	0	-0.39273	0.120879	-3.24894	0.001583	0.049182	1
ENSG0000	remission	Inflamed	RP11-20D	lincRNA	chr12	8940853	8948385	+	2279	11.51074	0.126492	-0.92118	0.283672	-3.24735	0.001591	0.049291	1
ENSG0000	remission	Inflamed	RP11-109	antisense	chr17	11857206	11880911	-	463	1.539379	0.546539	0.478652	0.147398	3.247335	0.001591	0.049291	1
ENSG0000	remission	Inflamed	CPNE5	protein_cc	chr6	36708552	36807778	-	4067	1716.451	0	-0.83601	0.25749	-3.24676	0.001594	0.049291	1
ENSG0000	remission	Inflamed	PSME1	protein_cc	chr14	24605367	24608176	+	1781	7026.921	0	-0.33123	0.102017	-3.24675	0.001594	0.049291	1
ENSG0000	remission	Inflamed	GALNT12	protein_cc	chr9	1.02E+08	1.02E+08	+	2824	3677.613	0	1.079032	0.332482	3.245384	0.001601	0.049447	1
ENSG0000	remission	Inflamed	RP1-249H	lincRNA	chr6	1.14E+08	1.14E+08	-	2755	88.66587	0.009547	1.300069	0.400636	3.245011	0.001602	0.049448	1
ENSG0000	remission	Inflamed	RP11-120k	sense_intr	chr13	1.14E+08	1.14E+08	+	649	3.572792	0.334129	0.718909	0.22162	3.243875	0.001608	0.049568	1
ENSG0000	remission	Inflamed	MT3	protein_cc	chr16	56622986	56625000	+	1837	9.128878	0.281623	0.936273	0.288793	3.242026	0.001618	0.049801	1
ENSG0000	remission	Inflamed	BASP1	protein_cc	chr5	17065707	17276943	+	2133	1786.964	0	-1.20162	0.37069	-3.24157	0.00162	0.049815	1
ENSG0000	remission	Inflamed	PTN	protein_cc	chr7	1.37E+08	1.37E+08	-	1713	152.3198	0	1.037849	0.320261	3.24063	0.001625	0.049864	1
ENSG0000	remission	Inflamed	RP11-38P2	lincRNA	chr3	1.53E+08	1.53E+08	+	2050	202.9427	0.004773	1.338677	0.413106	3.240516	0.001625	0.049864	1
ENSG0000	remission	Inflamed	LINC00482	lincRNA	chr17	79277571	79283048	-	2197	167.6134	0	0.866941	0.267714	3.238304	0.001637	0.050142	1
ENSG0000	remission	Inflamed	HAPLN3	protein_cc	chr15	89420519	89438857	-	3524	905.6348	0	-1.29092	0.398677	-3.23801	0.001638	0.050142	1
ENSG0000	remission	Inflamed	RP11-500C	antisense	chr10	1.24E+08	1.24E+08	+	951	14.41766	0.026253	0.740052	0.228576	3.237659	0.00164	0.050142	1
ENSG0000	remission	Inflamed	GPR4	protein_cc	chr19	46093022	46105466	-	3145	313.0286	0.002387	-1.3011	0.401973	-3.2368	0.001645	0.050166	1
ENSG0000	remission	Inflamed	CTC-297N	lincRNA	chr17	10561859	10562399	-	541	2.494033	0.417661	0.631138	0.194991	3.236756	0.001645	0.050166	1
ENSG0000	remission	Inflamed	RP11-120k	sense_intr	chr13	1.14E+08	1.14E+08	+	647	3.749403	0.336516	0.778911	0.240677	3.236326	0.001647	0.050166	1
ENSG0000	remission	Inflamed	KIAA0930	protein_cc	chr22	45586219	45636650	-	10019	3982.141	0	-0.41317	0.127687	-3.2358	0.00165	0.050166	1
ENSG0000	remission	Inflamed	RP11-960L	lincRNA	chr16	81771853	81801311	+	1772	32.60859	0.023866	-1.11117	0.343433	-3.23549	0.001652	0.050166	1
ENSG0000	remission	Inflamed	LINC0093C	lincRNA	chr15	93111048	93115272	-	1657	19.32458	0.097852	1.200555	0.371079	3.235311	0.001652	0.050166	1
ENSG0000	remission	Inflamed	RP11-536C	lincRNA	chr9	13406379	13433052	-	2576	43.92363	0.081146	-1.32091	0.408371	-3.23459	0.001656	0.050223	1
ENSG0000	remission	Inflamed	IL23A	protein_cc	chr12	56732663	56734193	+	1041	58.35322	0.019093	-1.56961	0.485333	-3.23409	0.001659	0.050245	1
ENSG0000	remission	Inflamed	KCNG2	protein_cc	chr18	77623668	77660184	+	2162	10.92363	0.147971	-1.01825	0.314987	-3.23269	0.001666	0.050378	1
ENSG0000	remission	Inflamed	CD55	protein_cc	chr1	2.07E+08	2.08E+08	+	4477	7389.764	0	-1.12101	0.34679	-3.23252	0.001667	0.050378	1
ENSG0000	remission	Inflamed	ITPRIPL1	protein_cc	chr2	96991069	96994091	+	2495	102.3938	0	-0.77217	0.238945	-3.23158	0.001672	0.050471	1
ENSG0000	remission	Inflamed	CCDC13	protein_cc	chr3	42734155	42814745	-	4966	51.73031	0.004773	0.807695	0.250059	3.230015	0.00168	0.050646	1
ENSG0000	remission	Inflamed	CTC-459F4	lincRNA	chr19	28284371	28409771	+	5141	173.7542	0	0.392136	0.121414	3.229753	0.001682	0.050646	1
ENSG0000	remission	Inflamed	RP11-469F	antisense	chr12	50345295	50356707	-	1574	3.353222	0.644391	-1.08748	0.336748	-3.22936	0.001684	0.050648	1
ENSG0000	remission	Inflamed	CTD-2008F	lincRNA	chr17	26559616	26562307	-	2692	12.32936	0.174224	0.99204	0.307234	3.228941	0.001686	0.050648	1
ENSG0000	remission	Inflamed	KRT6A	protein_cc	chr12	52880958	52887041	-	2928	442.5251	0.322196	-3.00646	0.93118	-3.22865	0.001688	0.050648	1
ENSG0000	remission	Inflamed	EIF4EBP2	protein_cc	chr10	72164135	72188374	+	7257	10725.23	0	0.509307	0.157788	3.227784	0.001692	0.05073	1
ENSG0000	remission	Inflamed	ZDHHC23	protein_cc	chr3	1.14E+08	1.14E+08	+	7138	1170.47	0	0.984863	0.3052	3.226945	0.001697	0.050773	1
ENSG0000	remission	Inflamed	RP11-28B2	pseudoger	chr17	18889461	18889647	-	187	0.797136	0.782816	0.404353	0.125311	3.226793	0.001698	0.050773	1

ENSG0000	remission	Inflamed	PSPH	protein_cc chr7	56078744	56119297	-	2762	229.043	0	-0.34479	0.106897	-3.22545	0.001705	0.050931	1
ENSG0000	remission	Inflamed	CLDN8	protein_cc chr21	31586324	31588391	-	2068	198.4177	0.408115	2.365249	0.733441	3.224865	0.001708	0.050967	1
ENSG0000	remission	Inflamed	PLAU	protein_cc chr10	75668935	75677255	+	2950	4807.981	0	-1.25817	0.390272	-3.22384	0.001713	0.051075	1
ENSG0000	remission	Inflamed	G6PD	protein_cc chrX	1.54E+08	1.54E+08	-	3709	1935.864	0	-0.47982	0.148875	-3.22299	0.001718	0.051153	1
ENSG0000	remission	Inflamed	CYP27B1	protein_cc chr12	58156117	58162769	-	3440	140.6611	0	-0.86021	0.266948	-3.22239	0.001721	0.051193	1
ENSG0000	remission	Inflamed	RAC2	protein_cc chr22	37621301	37640488	-	2532	2379.697	0	-0.85303	0.264816	-3.22212	0.001728	0.051217	1
ENSG0000	remission	Inflamed	RP11-284E	pseudoger chrX	63524927	63526613	-	1436	6.620525	0.107399	0.747101	0.231935	3.22116	0.001728	0.051217	1
ENSG0000	remission	Inflamed	SCAMP5	protein_cc chr15	75249560	75313837	+	4874	1130.535	0	-0.79836	0.247885	-3.22207	0.001731	0.051217	1
ENSG0000	remission	Inflamed	CCDC147-	antisense chr10	1.06E+08	1.06E+08	-	795	7.178998	0.26969	-1.0943	0.339774	-3.22066	0.001731	0.051217	1
ENSG0000	remission	Inflamed	PRDM1	protein_cc chr6	1.07E+08	1.07E+08	+	6369	2726.749	0	-0.81763	0.253979	-3.21927	0.001738	0.051217	1
ENSG0000	remission	Inflamed	SSTR3	protein_cc chr22	37600278	37608362	-	4520	59.72554	0.002387	-1.16334	0.361376	-3.21919	0.001739	0.051217	1
ENSG0000	remission	Inflamed	RP11-142I	pseudoger chr11	1.21E+08	1.21E+08	-	772	0.897375	0.782816	0.440518	0.136845	3.219109	0.001739	0.051217	1
ENSG0000	remission	Inflamed	PHLPP2	protein_cc chr16	71671738	71758604	-	12493	3004.675	0	1.167573	0.36272	3.218934	0.00174	0.051217	1
ENSG0000	remission	Inflamed	RP11-415F	antisense chr3	16355946	16356494	+	549	11.47733	0.071599	0.910617	0.282903	3.218827	0.001741	0.051217	1
ENSG0000	remission	Inflamed	PLCE1	protein_cc chr10	95753746	96092580	+	13282	2756.024	0	1.025299	0.318547	3.218674	0.001742	0.051217	1
ENSG0000	remission	Inflamed	ERVW-1	protein_cc chr7	92097694	92107300	-	6130	1.637232	0.75179	0.872242	0.271082	3.217629	0.001747	0.051282	1
ENSG0000	remission	Inflamed	AC079602	protein_cc chr12	1.21E+08	1.21E+08	-	2455	391.7327	0.009547	1.485925	0.461817	3.217563	0.001748	0.051282	1
ENSG0000	remission	Inflamed	ARHGAP8	protein_cc chr22	45098355	45258665	+	5678	209.611	0.004773	1.122574	0.348938	3.217113	0.00175	0.051297	1
ENSG0000	remission	Inflamed	C1QB	protein_cc chr1	22979255	22988031	+	1601	8024.821	0	-0.68863	0.214256	-3.21405	0.001767	0.051737	1
ENSG0000	remission	Inflamed	TRABD2A	protein_cc chr2	85048774	85134132	-	8771	2907.926	0	1.067521	0.332235	3.21315	0.001772	0.051794	1
ENSG0000	remission	Inflamed	MT-TY	Mt_tRNA chrM	5826	5891	-	66	53.00955	0	0.785916	0.244605	3.212998	0.001773	0.051794	1
ENSG0000	remission	Inflamed	GUCA2A	protein_cc chr1	42628362	42630389	-	569	10387.05	0	2.26565	0.705344	3.212121	0.001778	0.051809	1
ENSG0000	remission	Inflamed	RP11-554I	pseudoger chr12	1.08E+08	1.08E+08	-	679	6.584726	0.126492	-0.89659	0.279145	-3.21192	0.001779	0.051809	1
ENSG0000	remission	Inflamed	RP11-75C5	lincRNA chr9	8858130	8862255	+	2494	40.19093	0.002387	0.841836	0.262103	3.211845	0.00178	0.051809	1
ENSG0000	remission	Inflamed	ANO7	protein_cc chr2	2.42E+08	2.42E+08	+	5695	1426.687	0	1.232232	0.383773	3.210839	0.001785	0.051916	1
ENSG0000	remission	Inflamed	C1orf21	protein_cc chr1	1.84E+08	1.85E+08	+	10971	2657.248	0	0.5829	0.181619	3.209469	0.001793	0.051995	1
ENSG0000	remission	Inflamed	ACP5	protein_cc chr19	11685475	11689823	-	2814	3924.811	0	-0.61958	0.19308	-3.20893	0.001796	0.051995	1
ENSG0000	remission	Inflamed	SERHL	processed_chr22	42896585	42908566	+	1742	5.520286	0.183771	0.771803	0.24052	3.208898	0.001796	0.051995	1
ENSG0000	remission	Inflamed	CD14	protein_cc chr5	1.4E+08	1.4E+08	-	1886	3427.308	0	-0.67648	0.210813	-3.2089	0.001796	0.051995	1
ENSG0000	remission	Inflamed	AC010525	lincRNA chr19	56207681	56208795	+	1115	31.58711	0.042959	0.961681	0.299719	3.208604	0.001798	0.051995	1
ENSG0000	remission	Inflamed	RILPL2	protein_cc chr12	1.24E+08	1.24E+08	-	1435	516.969	0	-0.65211	0.203368	-3.20655	0.001809	0.052275	1
ENSG0000	remission	Inflamed	MYBPC1	protein_cc chr12	1.02E+08	1.02E+08	+	7385	31.71599	0.059666	1.592734	0.496787	3.20607	0.001812	0.052296	1
ENSG0000	remission	Inflamed	ARSD	protein_cc chrX	2822011	2847392	-	7030	3596.747	0	0.594996	0.185639	3.205124	0.001818	0.05233	1
ENSG0000	remission	Inflamed	RHEBL1	protein_cc chr12	49458468	49463808	-	1290	28.09547	0.002387	-0.69273	0.216132	-3.20512	0.001818	0.05233	1
ENSG0000	remission	Inflamed	HNRNPH1	pseudoger chr6	1.6E+08	1.6E+08	-	1185	6.353222	0.198091	0.847459	0.264433	3.204819	0.001819	0.05233	1
ENSG0000	remission	Inflamed	SCYL1	protein_cc chr11	65292548	65306175	+	4282	3730.542	0	-0.31525	0.098391	-3.20403	0.001824	0.05239	1
ENSG0000	remission	Inflamed	ADRA2C	protein_cc chr4	3768075	3770251	+	2177	63.44869	0.00716	-1.07251	0.334765	-3.20376	0.001825	0.05239	1
ENSG0000	remission	Inflamed	CST7	protein_cc chr20	24929866	24940564	+	930	488.6277	0	-1.04522	0.326414	-3.20212	0.001835	0.052603	1
ENSG0000	remission	Inflamed	OSCAR	protein_cc chr19	54597933	54606000	-	2069	205.2005	0	-1.02897	0.321406	-3.20145	0.001839	0.052657	1
ENSG0000	remission	Inflamed	SNX30	protein_cc chr9	1.16E+08	1.16E+08	+	11578	2144.167	0	0.868103	0.271415	3.198435	0.001856	0.0531	1

ENSG0000	remission	Inflamed	MBOAT1	protein_cc	chr6	20100935	20212670	-	3287	1935.103	0	0.744496	0.232811	3.197855	0.00186	0.053103	1
ENSG0000	remission	Inflamed	RP11-428C	lincRNA	chr11	19321430	19329905	+	648	0.988067	0.74463	0.553692	0.173152	3.197721	0.00186	0.053103	1
ENSG0000	remission	Inflamed	RP1-86D1	sense_intr	chr6	1.29E+08	1.29E+08	-	1904	1.360382	0.653938	0.54144	0.169375	3.196699	0.001866	0.053159	1
ENSG0000	remission	Inflamed	GRK6	protein_cc	chr5	1.77E+08	1.77E+08	+	4355	2815.265	0	-0.40485	0.126664	-3.19622	0.001869	0.053159	1
ENSG0000	remission	Inflamed	HOPX	protein_cc	chr4	57514155	57548065	-	7759	137.494	0	-0.78371	0.245204	-3.19616	0.001869	0.053159	1
ENSG0000	remission	Inflamed	FKBP2	protein_cc	chr11	64008475	64011604	+	1608	2135.511	0	-0.45803	0.143322	-3.19582	0.001871	0.053159	1
ENSG0000	remission	Inflamed	FCER1G	protein_cc	chr1	1.61E+08	1.61E+08	+	964	1762.422	0	-0.86973	0.272162	-3.19563	0.001873	0.053159	1
ENSG0000	remission	Inflamed	SNX32	protein_cc	chr11	65601112	65624367	+	3966	36.38186	0.01432	0.990973	0.310133	3.195318	0.001874	0.053159	1
ENSG0000	remission	Inflamed	IGKV1-5	IG_V_gene	chr2	89246819	89247475	-	532	33498.81	0	-1.52098	0.47618	-3.19413	0.001881	0.053255	1
ENSG0000	remission	Inflamed	TTYH3	protein_cc	chr7	2671585	2704436	+	6129	8049.776	0	-0.6546	0.204979	-3.19351	0.001885	0.053255	1
ENSG0000	remission	Inflamed	CLPB	protein_cc	chr11	72003469	72145692	-	4232	492.0883	0	-0.41693	0.130566	-3.19327	0.001886	0.053255	1
ENSG0000	remission	Inflamed	STX11	protein_cc	chr6	1.44E+08	1.45E+08	+	1926	326.599	0.002387	-1.01487	0.317852	-3.19291	0.001889	0.053255	1
ENSG0000	remission	Inflamed	LIMK1	protein_cc	chr7	73497263	73536855	+	6902	1914.938	0	-0.57682	0.180662	-3.19283	0.001889	0.053255	1
ENSG0000	remission	Inflamed	PORCN	protein_cc	chrX	48367350	48379202	+	3011	267.4033	0	-0.4392	0.137611	-3.19163	0.001896	0.053255	1
ENSG0000	remission	Inflamed	JAKMIP1	protein_cc	chr4	6027926	6202318	-	3673	45.48449	0.011933	-0.93211	0.292083	-3.19126	0.001898	0.053255	1
ENSG0000	remission	Inflamed	TMEM72	antisense	chr10	45306472	45455137	-	3300	5.136038	0.188544	0.676042	0.211849	3.191152	0.001899	0.053255	1
ENSG0000	remission	Inflamed	CNTFR	protein_cc	chr9	34551430	34590121	-	2094	325.2816	0.023866	1.808324	0.566726	3.190828	0.001901	0.053255	1
ENSG0000	remission	Inflamed	AVEN	protein_cc	chr15	34158428	34331377	-	1808	417.6444	0	-0.34149	0.10703	-3.1906	0.001902	0.053255	1
ENSG0000	remission	Inflamed	RINL	protein_cc	chr19	39358470	39368919	-	4205	412.3365	0	-0.66904	0.209711	-3.19028	0.001904	0.053255	1
ENSG0000	remission	Inflamed	C3AR1	protein_cc	chr12	8210898	8219067	-	2145	639.8043	0	-0.79561	0.249388	-3.19027	0.001904	0.053255	1
ENSG0000	remission	Inflamed	CNTN3	protein_cc	chr3	74311719	74570291	-	5109	110.599	0.088305	1.659926	0.520338	3.190092	0.001905	0.053255	1
ENSG0000	remission	Inflamed	XXyac-YM2	antisense	chr9	90471930	90474314	-	2014	22.36277	0.348449	1.275021	0.399724	3.189751	0.001907	0.053255	1
ENSG0000	remission	Inflamed	SLC4A4	protein_cc	chr4	72053003	72437804	+	8361	4811.757	0	1.508096	0.472813	3.189623	0.001908	0.053255	1
ENSG0000	remission	Inflamed	RP11-483C	sense_intr	chr14	27061953	27063723	-	1771	0.945107	0.775656	0.417128	0.130823	3.188479	0.001915	0.053328	1
ENSG0000	remission	Inflamed	RP11-885E	lincRNA	chr12	2870366	2879621	-	550	1.326969	0.658711	0.51573	0.161763	3.18818	0.001917	0.053328	1
ENSG0000	remission	Inflamed	LINC0094C	lincRNA	chr12	2038368	2045740	-	2350	37.62768	0.119332	1.430812	0.448787	3.188174	0.001917	0.053328	1
ENSG0000	remission	Inflamed	SEMA6B	protein_cc	chr19	4542600	4559820	-	4423	1269.081	0	-0.83589	0.262269	-3.18713	0.001923	0.053385	1
ENSG0000	remission	Inflamed	VAV3	protein_cc	chr1	1.08E+08	1.09E+08	-	7271	1775.506	0	0.947054	0.297163	3.186983	0.001924	0.053385	1
ENSG0000	remission	Inflamed	SYTL2	protein_cc	chr11	85405267	85522184	-	11248	3512.611	0	1.08435	0.340296	3.186496	0.001927	0.053385	1
ENSG0000	remission	Inflamed	CTA-384D	lincRNA	chr22	50980734	50981335	-	602	22.01671	0.038186	-1.05586	0.331355	-3.18648	0.001927	0.053385	1
ENSG0000	remission	Inflamed	RPL36AP4	pseudoger	chr15	90231168	90231474	-	307	10.66826	0.145585	1.031997	0.32409	3.184291	0.00194	0.053663	1
ENSG0000	remission	Inflamed	PFKFB3	protein_cc	chr10	6186881	6277495	+	5534	5324.506	0	-1.10023	0.345573	-3.18377	0.001943	0.053663	1
ENSG0000	remission	Inflamed	MTND1P2	pseudoger	chr1	564442	564813	+	372	1429.979	0	0.700612	0.220075	3.183509	0.001945	0.053663	1
ENSG0000	remission	Inflamed	ZNF554	protein_cc	chr19	2819872	2835771	+	4685	219.4702	0	0.52113	0.1637	3.183446	0.001945	0.053663	1
ENSG0000	remission	Inflamed	AC005262	antisense	chr19	3118663	3119302	-	452	8.343675	0.245823	-1.08356	0.340411	-3.18309	0.001948	0.053663	1
ENSG0000	remission	Inflamed	ST3GAL2	protein_cc	chr16	70413338	70473140	-	6287	1567.964	0	-0.74201	0.23313	-3.18281	0.001949	0.053663	1
ENSG0000	remission	Inflamed	ATP13A4	protein_cc	chr3	1.93E+08	1.93E+08	-	6013	153.5704	0.00716	1.295207	0.40699	3.182404	0.001952	0.053675	1
ENSG0000	remission	Inflamed	AANAT	protein_cc	chr17	74449433	74466199	+	2190	2.198091	0.470167	-0.70068	0.220262	-3.18112	0.00196	0.053835	1
ENSG0000	remission	Inflamed	PPP4R4	protein_cc	chr14	94612465	94746072	+	4974	8.357995	0.288783	-1.13412	0.356587	-3.1805	0.001963	0.05386	1
ENSG0000	remission	Inflamed	SLCO4A1	protein_cc	chr20	61273797	61317137	+	4051	1070.208	0	-0.75393	0.237064	-3.1803	0.001965	0.05386	1

ENSG0000	remission	Inflamed	ADAM22	protein_cc chr7	87563458	87832204	+	12217	87.69451	0.00716	1.018496	0.3204	3.17883	0.001974	0.054052	1
ENSG0000	remission	Inflamed	RP11-982M	lincRNA chr14	1.05E+08	1.05E+08	-	723	2.193317	0.494033	0.571023	0.179694	3.177757	0.00198	0.054177	1
ENSG0000	remission	Inflamed	ATF4	protein_cc chr22	39915700	39918691	+	2515	10135.8	0	-0.37241	0.117232	-3.17669	0.001987	0.054301	1
ENSG0000	remission	Inflamed	B2M	protein_cc chr15	45003675	45011075	+	3151	104741.5	0	-0.49704	0.156537	-3.17521	0.001996	0.054446	1
ENSG0000	remission	Inflamed	TBPL2	protein_cc chr14	55880259	55923444	-	2407	1.863962	0.646778	0.611778	0.192676	3.175168	0.001996	0.054446	1
ENSG0000	remission	Inflamed	IGHGP	IG_C_pseu chr14	1.06E+08	1.06E+08	-	1178	3141.74	0.002387	-2.01719	0.635365	-3.17485	0.001998	0.054446	1
ENSG0000	remission	Inflamed	CDHR3	protein_cc chr7	1.06E+08	1.06E+08	+	9794	132.9809	0	0.832407	0.262323	3.173221	0.002009	0.054638	1
ENSG0000	remission	Inflamed	PSENE1	protein_cc chr19	36236015	36237911	+	1336	814.6778	0	-0.49283	0.155324	-3.17294	0.00201	0.054638	1
ENSG0000	remission	Inflamed	ALDH1A2	protein_cc chr15	58245622	58790065	-	8622	354.9857	0.011933	-1.56576	0.493505	-3.17272	0.002012	0.054638	1
ENSG0000	remission	Inflamed	COX4I2	protein_cc chr20	30225691	30232809	+	693	51.20048	0.004773	-0.95453	0.300955	-3.17169	0.002018	0.054759	1
ENSG0000	remission	Inflamed	RP11-363J	lincRNA chr14	69649737	69680809	-	2364	4.420048	0.193317	0.638026	0.201195	3.171186	0.002021	0.054788	1
ENSG0000	remission	Inflamed	MLC1	protein_cc chr22	50497820	50524331	-	4297	54.46062	0.023866	-1.31258	0.413954	-3.17084	0.002024	0.054791	1
ENSG0000	remission	Inflamed	SERPINB3	protein_cc chr18	61322431	61329197	-	1777	137.5728	0.46778	-2.89557	0.913503	-3.16974	0.002031	0.054879	1
ENSG0000	remission	Inflamed	AGT	protein_cc chr1	2.31E+08	2.31E+08	-	2291	1061.215	0	-1.20603	0.38049	-3.16967	0.002031	0.054879	1
ENSG0000	remission	Inflamed	PARK2	protein_cc chr6	1.62E+08	1.63E+08	-	4506	58.59427	0.00716	0.745821	0.235397	3.168347	0.002039	0.055048	1
ENSG0000	remission	Inflamed	SPTLC3	protein_cc chr20	12989627	13147411	+	6377	182.8783	0.004773	0.807966	0.255115	3.167065	0.002048	0.055212	1
ENSG0000	remission	Inflamed	ABCG4	protein_cc chr11	1.19E+08	1.19E+08	+	6268	17.40334	0.033413	-0.82603	0.260864	-3.16652	0.002051	0.05525	1
ENSG0000	remission	Inflamed	HIST1H1C	protein_cc chr6	26055968	26056699	-	732	1408.141	0	-0.6533	0.206336	-3.16618	0.002053	0.055251	1
ENSG0000	remission	Inflamed	PLA2G7	protein_cc chr6	46671938	46703430	-	2965	707.2053	0	-0.85467	0.270041	-3.16498	0.002061	0.055347	1
ENSG0000	remission	Inflamed	RP11-392E	pseudoger chr9	38543101	38543443	-	343	14.70644	0.102625	1.004663	0.317442	3.164867	0.002062	0.055347	1
ENSG0000	remission	Inflamed	SLC15A3	protein_cc chr11	60704556	60720002	-	6118	1743.453	0	-0.68607	0.216792	-3.16464	0.002063	0.055347	1
ENSG0000	remission	Inflamed	ECSCR	protein_cc chr5	1.39E+08	1.39E+08	-	740	147.1814	0.002387	-1.01527	0.320899	-3.16385	0.002068	0.055428	1
ENSG0000	remission	Inflamed	SLC16A3	protein_cc chr17	80186273	80219005	+	8995	7155.663	0	-0.61134	0.193377	-3.16137	0.002084	0.055759	1
ENSG0000	remission	Inflamed	RP11-100E	lincRNA chr15	38276967	38354541	+	2448	6.995227	0.412888	-1.25455	0.396847	-3.16128	0.002085	0.055759	1
ENSG0000	remission	Inflamed	FAM20C	protein_cc chr7	192969	300711	+	4629	2496.504	0	-0.87689	0.277456	-3.16046	0.00209	0.055845	1
ENSG0000	remission	Inflamed	PRLR	protein_cc chr5	35048861	35230794	-	13208	445.8234	0	1.252176	0.396249	3.160076	0.002093	0.055855	1
ENSG0000	remission	Inflamed	AKAP7	protein_cc chr6	1.31E+08	1.32E+08	+	4394	375.6516	0	0.82954	0.262562	3.15941	0.002097	0.055914	1
ENSG0000	remission	Inflamed	MCOLN2	protein_cc chr1	85391268	85462796	-	3440	463.2673	0.002387	1.023986	0.324234	3.158168	0.002105	0.056043	1
ENSG0000	remission	Inflamed	CBX2	protein_cc chr17	77751931	77761782	+	5687	156.8401	0	-0.89313	0.282813	-3.15802	0.002106	0.056043	1
ENSG0000	remission	Inflamed	MDF1	protein_cc chr6	41604620	41621984	+	2523	357.9379	0.002387	-1.18276	0.374653	-3.15695	0.002113	0.056102	1
ENSG0000	remission	Inflamed	GNB1L	protein_cc chr22	19770747	19842462	-	6988	151.3174	0	-0.46962	0.148768	-3.15673	0.002115	0.056102	1
ENSG0000	remission	Inflamed	RP11-316F	lincRNA chr9	92316566	92334585	+	822	6.687351	0.224344	-0.87869	0.278359	-3.15667	0.002115	0.056102	1
ENSG0000	remission	Inflamed	CFI	protein_cc chr4	1.11E+08	1.11E+08	-	3873	861.7327	0	-1.24927	0.395827	-3.1561	0.002119	0.056102	1
ENSG0000	remission	Inflamed	NDUFAF4F	pseudoger chr3	37831412	37831936	-	525	5.298329	0.245823	0.750979	0.237948	3.156063	0.002119	0.056102	1
ENSG0000	remission	Inflamed	LINC0088C	lincRNA chr3	1.57E+08	1.57E+08	-	2018	11.64439	0.042959	-0.74343	0.235607	-3.1554	0.002123	0.056116	1
ENSG0000	remission	Inflamed	CHRD12	protein_cc chr11	74407474	74442430	-	3073	621.5513	0.011933	-2.09157	0.663037	-3.15452	0.002129	0.056116	1
ENSG0000	remission	Inflamed	ELFN1	protein_cc chr7	1727755	1787590	+	3845	89.04057	0.019093	-1.19605	0.379159	-3.15449	0.002129	0.056116	1
ENSG0000	remission	Inflamed	SLC25A34	protein_cc chr1	16062900	16067891	+	3195	597.8926	0	1.048626	0.332469	3.154058	0.002132	0.056116	1
ENSG0000	remission	Inflamed	HOXB5	protein_cc chr17	46668619	46671323	-	2041	964.7112	0	0.911009	0.288843	3.153999	0.002133	0.056116	1
ENSG0000	remission	Inflamed	GM2A	protein_cc chr5	1.51E+08	1.51E+08	+	4479	3480.026	0	-0.47124	0.149423	-3.15376	0.002134	0.056116	1

ENSG0000	remission	Inflamed	FTLP3	pseudoger chr20	4004552	4005091	+	540	181.7661	0	-0.65302	0.207077	-3.15352	0.002136	0.056116	1
ENSG0000	remission	Inflamed	BFSP2	protein_cc chr3	1.33E+08	1.33E+08	+	2070	18.94988	0.059666	-1.17239	0.371786	-3.1534	0.002137	0.056116	1
ENSG0000	remission	Inflamed	WDR54	protein_cc chr2	74648805	74652882	+	2860	199.3556	0	-0.5822	0.184651	-3.15296	0.00214	0.056137	1
ENSG0000	remission	Inflamed	LHX4	protein_cc chr1	1.8E+08	1.8E+08	+	7324	76.179	0.00716	1.255079	0.398222	3.151705	0.002148	0.05616	1
ENSG0000	remission	Inflamed	CD300LB	protein_cc chr17	72517313	72527613	-	2720	103.2888	0.002387	-0.86304	0.273841	-3.1516	0.002149	0.05616	1
ENSG0000	remission	Inflamed	HMG1P7	pseudoger chr3	93707478	93707790	-	313	4.761337	0.238663	0.799094	0.253563	3.151465	0.00215	0.05616	1
ENSG0000	remission	Inflamed	CHAD	protein_cc chr17	48541857	48546327	-	1802	238.6468	0.00716	1.68599	0.535024	3.15124	0.002151	0.05616	1
ENSG0000	remission	Inflamed	RP11-879F	lincRNA chr18	59252979	59274149	-	1199	3.171838	0.384248	-0.76798	0.243731	-3.15091	0.002153	0.05616	1
ENSG0000	remission	Inflamed	MEF2B	protein_cc chr19	19256377	19303400	-	2724	54.1074	0	-0.87417	0.277434	-3.15091	0.002153	0.05616	1
ENSG0000	remission	Inflamed	AHCYL2	protein_cc chr7	1.29E+08	1.29E+08	+	6899	11921.99	0	0.983605	0.312235	3.15021	0.002158	0.05621	1
ENSG0000	remission	Inflamed	TRIM69	protein_cc chr15	45021186	45060027	+	9237	1773.785	0	-0.57673	0.183103	-3.14977	0.002161	0.05621	1
ENSG0000	remission	Inflamed	PLEKHD1	protein_cc chr14	69951409	69995215	+	5044	3.140811	0.369928	-0.72684	0.230791	-3.14936	0.002164	0.05621	1
ENSG0000	remission	Inflamed	TRPV4	protein_cc chr12	1.1E+08	1.1E+08	-	3765	120.2721	0	-0.92871	0.294914	-3.1491	0.002165	0.05621	1
ENSG0000	remission	Inflamed	LAMP5	protein_cc chr20	9495005	9511171	+	2042	97.63962	0	-0.97239	0.308789	-3.14903	0.002166	0.05621	1
ENSG0000	remission	Inflamed	SPECC1L	protein_cc chr22	24666786	24813708	+	7323	1443.835	0	0.49047	0.155803	3.148022	0.002173	0.05633	1
ENSG0000	remission	Inflamed	ODF3B	protein_cc chr22	50968139	50971009	-	2301	721.4391	0	-0.82973	0.263601	-3.14768	0.002175	0.056336	1
ENSG0000	remission	Inflamed	FAM47E	protein_cc chr4	77135193	77204933	+	9508	51.40811	0.002387	1.023089	0.325189	3.146143	0.002185	0.05652	1
ENSG0000	remission	Inflamed	LINC01006	processed_chr7	1.56E+08	1.56E+08	-	2246	54.91647	0	0.845286	0.268687	3.14599	0.002186	0.05652	1
ENSG0000	remission	Inflamed	ANKDD1B	protein_cc chr5	74907284	74967671	+	3287	115.1671	0.004773	1.038089	0.330031	3.145424	0.00219	0.056564	1
ENSG0000	remission	Inflamed	NAPA-AS1	antisense chr19	47987539	48004854	+	1894	105.3484	0	-0.65739	0.20909	-3.14405	0.0022	0.056749	1
ENSG0000	remission	Inflamed	ALDOB	protein_cc chr9	1.04E+08	1.04E+08	-	2451	5763.129	0.004773	-2.01989	0.642565	-3.14347	0.002204	0.056765	1
ENSG0000	remission	Inflamed	SLC20A2	protein_cc chr8	42273993	42397069	-	6641	3112.487	0	0.622142	0.197924	3.14333	0.002205	0.056765	1
ENSG0000	remission	Inflamed	RP5-1091M	antisense chrX	70403409	70418025	-	726	25.12411	0.011933	-0.75846	0.241351	-3.14257	0.00221	0.056797	1
ENSG0000	remission	Inflamed	KIAA1683	protein_cc chr19	18367908	18385319	-	9153	357.4773	0	0.922564	0.293575	3.142519	0.00221	0.056797	1
ENSG0000	remission	Inflamed	CELA1	protein_cc chr12	51722227	51740463	-	952	2.486874	0.448687	-0.60158	0.191497	-3.14148	0.002217	0.056925	1
ENSG0000	remission	Inflamed	CD53	protein_cc chr1	1.11E+08	1.11E+08	+	2081	2379.532	0	-0.88441	0.281607	-3.14059	0.002223	0.056962	1
ENSG0000	remission	Inflamed	RP11-611C	antisense chr12	69235068	69237017	-	785	15.92363	0.057279	0.927917	0.295493	3.140235	0.002226	0.056962	1
ENSG0000	remission	Inflamed	RP11-701F	lincRNA chr4	1.86E+08	1.86E+08	-	986	22.83771	0.393795	-1.69577	0.540019	-3.14019	0.002226	0.056962	1
ENSG0000	remission	Inflamed	C10orf54	protein_cc chr10	73507316	73533255	-	5128	6179.597	0	-0.53679	0.170951	-3.14001	0.002227	0.056962	1
ENSG0000	remission	Inflamed	NRAP	protein_cc chr10	1.15E+08	1.15E+08	-	5721	56.10501	0.062053	1.518092	0.48353	3.139605	0.00223	0.056978	1
ENSG0000	remission	Inflamed	IGLV1-40	IG_V_gene chr22	22764098	22764614	+	407	19093.81	0	-1.51316	0.482119	-3.13856	0.002237	0.057107	1
ENSG0000	remission	Inflamed	NIPAL1	protein_cc chr4	47916159	48042188	+	5981	1251.017	0	1.182353	0.376841	3.137538	0.002244	0.057197	1
ENSG0000	remission	Inflamed	PTGIR	protein_cc chr19	47123725	47128375	-	3546	231.2864	0	-1.1342	0.361506	-3.13743	0.002245	0.057197	1
ENSG0000	remission	Inflamed	OGFR	protein_cc chr20	61436187	61445352	+	4702	3188.752	0	-0.43348	0.138192	-3.13677	0.00225	0.057209	1
ENSG0000	remission	Inflamed	NFAM1	protein_cc chr22	42776416	42828401	-	5817	1393.563	0	-0.95452	0.304377	-3.13599	0.002255	0.057209	1
ENSG0000	remission	Inflamed	BID	protein_cc chr22	18216906	18257536	-	4418	962.8353	0	-0.46545	0.148436	-3.13567	0.002258	0.057209	1
ENSG0000	remission	Inflamed	MEOX1	protein_cc chr17	41717756	41739322	-	2707	455.7255	0	-1.07071	0.341469	-3.1356	0.002258	0.057209	1
ENSG0000	remission	Inflamed	SLC39A2	protein_cc chr14	21467414	21470030	+	1575	38.12649	0.152745	1.387926	0.44266	3.135427	0.002259	0.057209	1
ENSG0000	remission	Inflamed	IL21	protein_cc chr4	1.24E+08	1.24E+08	-	629	4.300716	0.4821	-0.95879	0.305813	-3.13521	0.002261	0.057209	1
ENSG0000	remission	Inflamed	RP11-496G	lincRNA chr4	24661479	24673191	+	2195	10.51313	0.157518	1.104683	0.352377	3.134945	0.002263	0.057209	1

ENSG0000	remission	Inflamed	DYSF	protein_cc chr2	71680852	71913898	+	8386	1916.869	0	-1.16416	0.371359	-3.13487	0.002263	0.057209	1
ENSG0000	remission	Inflamed	SH2B2	protein_cc chr7	1.02E+08	1.02E+08	+	2236	285.8067	0	-0.87614	0.279557	-3.13402	0.002269	0.057304	1
ENSG0000	remission	Inflamed	RP11-295F	antisense chr10	13724521	13726874	+	1978	0.878282	0.782816	0.444583	0.141899	3.133088	0.002276	0.057415	1
ENSG0000	remission	Inflamed	HLA-C	protein_cc chr6	31236526	31239907	-	2507	62651.59	0	-0.41243	0.131699	-3.13164	0.002286	0.057579	1
ENSG0000	remission	Inflamed	KRT16	protein_cc chr17	39766030	39772151	-	2475	80.31026	0.365155	-2.4481	0.781755	-3.13155	0.002287	0.057579	1
ENSG0000	remission	Inflamed	MT-TD	Mt_tRNA chrM	7518	7585	+	68	159.2053	0.038186	1.153797	0.368509	3.130992	0.00229	0.057623	1
ENSG0000	remission	Inflamed	FRAS1	protein_cc chr4	78978724	79465423	+	18960	304.148	0.01432	1.546373	0.493955	3.130597	0.002293	0.05763	1
ENSG0000	remission	Inflamed	PLCD1	protein_cc chr3	38048987	38071253	-	4314	2238.666	0	0.75729	0.24192	3.130335	0.002295	0.05763	1
ENSG0000	remission	Inflamed	RAMP2	protein_cc chr17	40910465	40915059	+	1148	587.0024	0	-0.93369	0.298302	-3.13001	0.002297	0.057634	1
ENSG0000	remission	Inflamed	LRR37A2	protein_cc chr17	44588877	44633016	+	6756	169.3795	0	0.842022	0.269081	3.129257	0.002303	0.057662	1
ENSG0000	remission	Inflamed	RP11-112L	lincRNA chr20	48780001	48782639	-	733	3.684964	0.336516	-0.73019	0.233354	-3.12909	0.002304	0.057662	1
ENSG0000	remission	Inflamed	FERMT3	protein_cc chr11	63974150	63991354	+	3062	2478.16	0	-0.69948	0.223587	-3.12842	0.002309	0.057662	1
ENSG0000	remission	Inflamed	DOK3	protein_cc chr5	1.77E+08	1.77E+08	-	4821	1724.079	0	-1.00033	0.319767	-3.1283	0.00231	0.057662	1
ENSG0000	remission	Inflamed	CTD-2655t	antisense chr11	67889520	67897985	+	776	1.057279	0.713604	0.410613	0.131265	3.12813	0.002311	0.057662	1
ENSG0000	remission	Inflamed	RP11-586l	lincRNA chr4	6202460	6240044	+	2547	7.546539	0.236277	-0.98528	0.315012	-3.12774	0.002314	0.057662	1
ENSG0000	remission	Inflamed	MAGEH1	protein_cc chrX	55478538	55479998	+	1461	347.2172	0	-0.70188	0.224407	-3.12769	0.002314	0.057662	1
ENSG0000	remission	Inflamed	IL36RN	protein_cc chr2	1.14E+08	1.14E+08	+	3299	5.300716	0.577566	-1.19259	0.381338	-3.12739	0.002316	0.057662	1
ENSG0000	remission	Inflamed	STXBP5-AS	antisense chr6	1.47E+08	1.48E+08	-	6011	104.9141	0	0.970611	0.310419	3.126778	0.002321	0.057716	1
ENSG0000	remission	Inflamed	CTD-2540f	lincRNA chr19	33795942	33800293	+	404	9.699284	0.085919	0.734321	0.23488	3.12637	0.002323	0.057734	1
ENSG0000	remission	Inflamed	AC093585	antisense chr2	2.42E+08	2.42E+08	-	428	0.952267	0.768496	0.423809	0.135604	3.125347	0.002331	0.057862	1
ENSG0000	remission	Inflamed	TAGAP	protein_cc chr6	1.59E+08	1.59E+08	-	4089	1374.663	0	-1.17487	0.375952	-3.12504	0.002333	0.057862	1
ENSG0000	remission	Inflamed	GOLGA7B	protein_cc chr10	99627889	99631294	+	3406	6.439141	0.224344	0.899473	0.287971	3.123479	0.002344	0.058088	1
ENSG0000	remission	Inflamed	RP11-566k	antisense chr16	89986235	89989070	-	985	2.393795	0.441527	-0.67779	0.217037	-3.12292	0.002348	0.058097	1
ENSG0000	remission	Inflamed	FUT7	protein_cc chr9	1.4E+08	1.4E+08	-	2584	85.6611	0.009547	-1.32643	0.424755	-3.12282	0.002349	0.058097	1
ENSG0000	remission	Inflamed	TFAP2C	protein_cc chr20	55204358	55214339	+	3112	138.8807	0.009547	-1.15251	0.369198	-3.12166	0.002357	0.05825	1
ENSG0000	remission	Inflamed	DAP	protein_cc chr5	10679342	10761384	-	3361	7880.74	0	-0.26518	0.084965	-3.12102	0.002362	0.05831	1
ENSG0000	remission	Inflamed	SLC22A5	protein_cc chr5	1.32E+08	1.32E+08	+	12788	2252.761	0	0.861805	0.276165	3.120622	0.002365	0.058328	1
ENSG0000	remission	Inflamed	GMFG	protein_cc chr19	39818993	39833012	-	1490	584.327	0	-0.88611	0.284013	-3.11997	0.00237	0.058344	1
ENSG0000	remission	Inflamed	FAM162A	protein_cc chr3	1.22E+08	1.22E+08	+	3793	2145.36	0	0.707478	0.226768	3.119828	0.002371	0.058344	1
ENSG0000	remission	Inflamed	SLC38A5	protein_cc chrX	48316920	48328644	-	4016	1283.504	0	-0.58036	0.186035	-3.11962	0.002372	0.058344	1
ENSG0000	remission	Inflamed	LINC0046C	lincRNA chr13	1.07E+08	1.07E+08	+	1152	3.28401	0.477327	-0.90781	0.291076	-3.1188	0.002378	0.058384	1
ENSG0000	remission	Inflamed	SIRPB1	protein_cc chr20	1544167	1600707	-	6091	299.5322	0	-1.26413	0.405327	-3.11879	0.002378	0.058384	1
ENSG0000	remission	Inflamed	SLC9A2	protein_cc chr2	1.03E+08	1.03E+08	+	5984	2460.513	0.004773	1.426554	0.457544	3.117848	0.002385	0.058396	1
ENSG0000	remission	Inflamed	MTMR11	protein_cc chr1	1.5E+08	1.5E+08	-	4591	5468.012	0	0.862725	0.276708	3.117819	0.002386	0.058396	1
ENSG0000	remission	Inflamed	KLK15	protein_cc chr19	51328545	51340469	-	2289	221.9857	0.011933	1.789238	0.573892	3.117726	0.002386	0.058396	1
ENSG0000	remission	Inflamed	STMND1	protein_cc chr6	17102489	17131603	+	2882	14.358	0.224344	1.069045	0.342915	3.117519	0.002388	0.058396	1
ENSG0000	remission	Inflamed	MANF	protein_cc chr3	51422478	51426828	+	2111	2922.42	0	-0.55702	0.178707	-3.11696	0.002392	0.058425	1
ENSG0000	remission	Inflamed	ZNF33B	processed_chr10	43069633	43134016	-	2810	91.29356	0	0.50922	0.163392	3.116557	0.002395	0.058425	1
ENSG0000	remission	Inflamed	RP11-490k	pseudoger chr1	31736092	31736528	-	437	9.128878	0.140811	0.863823	0.2772	3.116244	0.002397	0.058425	1
ENSG0000	remission	Inflamed	RETNLB	protein_cc chr3	1.08E+08	1.08E+08	-	1106	1189.601	0.009547	1.810637	0.581097	3.115892	0.0024	0.058425	1

ENSG0000	remission	Inflamed	IGKV2-18	IG_V_pseu	chr2	89428207	89428966	-	343	4.498807	0.391408	-1.03553	0.332371	-3.11557	0.002402	0.058425	1
ENSG0000	remission	Inflamed	GPX1P1	pseudoger	chrX	13396854	13397459	-	606	146.6802	0.042959	-0.73136	0.234754	-3.11541	0.002403	0.058425	1
ENSG0000	remission	Inflamed	AKAP1	protein_cc	chr17	55162453	55198710	+	5399	6864.687	0	0.68898	0.221163	3.115254	0.002405	0.058425	1
ENSG0000	remission	Inflamed	ALOX12B	protein_cc	chr17	7975954	7991021	-	2656	12.72792	0.081146	0.872286	0.280047	3.114789	0.002408	0.058455	1
ENSG0000	remission	Inflamed	RP11-497f	pseudoger	chr5	69758071	69775042	+	1104	9.331742	0.054893	-0.77412	0.248556	-3.11449	0.00241	0.058456	1
ENSG0000	remission	Inflamed	RP11-410E	lincRNA	chr2	1.87E+08	1.87E+08	-	2202	4.570406	0.24821	0.783807	0.251767	3.11323	0.00242	0.05854	1
ENSG0000	remission	Inflamed	FRZB	protein_cc	chr2	1.84E+08	1.84E+08	-	3162	929.8735	0	0.80975	0.260148	3.112653	0.002424	0.05854	1
ENSG0000	remission	Inflamed	PEX11A	protein_cc	chr15	90220995	90234014	-	3171	581.4487	0	0.756773	0.243156	3.112294	0.002427	0.05854	1
ENSG0000	remission	Inflamed	PDIA4	protein_cc	chr7	1.49E+08	1.49E+08	-	3277	15493.18	0	-0.45325	0.145637	-3.11219	0.002427	0.05854	1
ENSG0000	remission	Inflamed	IGKV1D-1f	IG_V_gene	chr2	90139078	90139580	+	378	825.9021	0.002387	-1.52756	0.490836	-3.11216	0.002428	0.05854	1
ENSG0000	remission	Inflamed	RP11-182J	antisense	chr15	85154920	85158200	-	1018	0.97852	0.742243	0.460912	0.148102	3.112123	0.002428	0.05854	1
ENSG0000	remission	Inflamed	PLOD1	protein_cc	chr1	11994262	12035595	+	5320	4224.115	0	-0.50901	0.163569	-3.11193	0.002429	0.05854	1
ENSG0000	remission	Inflamed	KLK3	protein_cc	chr19	51358171	51364020	+	4639	105.1957	0.02864	1.493132	0.479921	3.111205	0.002435	0.058617	1
ENSG0000	remission	Inflamed	RP11-375f	antisense	chr1	1.66E+08	1.66E+08	+	594	4.768496	0.24821	0.792069	0.254692	3.109913	0.002444	0.058642	1
ENSG0000	remission	Inflamed	P2RY1	protein_cc	chr3	1.53E+08	1.53E+08	+	3106	390.6086	0.002387	1.227456	0.394697	3.109867	0.002445	0.058642	1
ENSG0000	remission	Inflamed	NSFP1	pseudoger	chr17	44450221	44564507	+	1471	6.460621	0.424821	0.74901	0.240855	3.109799	0.002445	0.058642	1
ENSG0000	remission	Inflamed	HIST1H2Bf	protein_cc	chr6	26115101	26124154	-	834	82.53461	0	-0.91771	0.295124	-3.10959	0.002447	0.058642	1
ENSG0000	remission	Inflamed	HHIPL2	protein_cc	chr1	2.23E+08	2.23E+08	-	3287	11.49642	0.071599	0.865649	0.278381	3.109583	0.002447	0.058642	1
ENSG0000	remission	Inflamed	C2CD4B	protein_cc	chr15	62455734	62457482	-	1579	238.3126	0	-0.9834	0.316339	-3.1087	0.002454	0.058748	1
ENSG0000	remission	Inflamed	AC003090	lincRNA	chr7	25632971	25790614	-	2968	17.61337	0.050119	0.945335	0.304368	3.105889	0.002475	0.059169	1
ENSG0000	remission	Inflamed	NFE4	antisense	chr7	1.03E+08	1.03E+08	+	1072	7.823389	0.374702	-1.21146	0.390065	-3.10579	0.002476	0.059169	1
ENSG0000	remission	Inflamed	TSHZ1	protein_cc	chr18	72922710	73001905	+	8281	1362.632	0	0.627954	0.202209	3.105472	0.002478	0.059174	1
ENSG0000	remission	Inflamed	AC002511	lincRNA	chr19	35923859	35925544	-	1000	62.52267	0.009547	0.952974	0.306913	3.105031	0.002481	0.059174	1
ENSG0000	remission	Inflamed	SEC14L1	protein_cc	chr17	75082798	75213179	+	10846	5528.599	0	-0.62354	0.200826	-3.10488	0.002483	0.059174	1
ENSG0000	remission	Inflamed	EPHX2	protein_cc	chr8	27348296	27403081	+	4473	2283.286	0	0.875824	0.282125	3.104378	0.002486	0.059212	1
ENSG0000	remission	Inflamed	OTUD7A	protein_cc	chr15	31775329	32162992	-	6624	83.00955	0.011933	0.670432	0.215995	3.103919	0.00249	0.059229	1
ENSG0000	remission	Inflamed	PTGES	protein_cc	chr9	1.33E+08	1.33E+08	-	1896	176.2291	0	-1.25583	0.404647	-3.10351	0.002493	0.059229	1
ENSG0000	remission	Inflamed	TNFAIP6	protein_cc	chr2	1.52E+08	1.52E+08	+	1577	173.4845	0.00716	-1.56456	0.504153	-3.10334	0.002494	0.059229	1
ENSG0000	remission	Inflamed	BLVRA	protein_cc	chr7	43798279	43846939	+	1819	413.5298	0	-0.65979	0.212622	-3.10311	0.002496	0.059229	1
ENSG0000	remission	Inflamed	RP5-857K2	pseudoger	chr1	569756	570302	+	547	5465.215	0	0.702674	0.226534	3.101848	0.002506	0.059405	1
ENSG0000	remission	Inflamed	LRRC2	protein_cc	chr3	46556913	46621589	-	5622	53.60859	0.01432	0.966629	0.31171	3.101054	0.002512	0.059423	1
ENSG0000	remission	Inflamed	ZNF763	protein_cc	chr19	12035890	12091196	+	3044	56.34129	0.002387	0.839508	0.270728	3.100932	0.002513	0.059423	1
ENSG0000	remission	Inflamed	CAMK2N2	protein_cc	chr3	1.84E+08	1.84E+08	-	1362	10.98568	0.052506	-0.96201	0.31024	-3.10087	0.002513	0.059423	1
ENSG0000	remission	Inflamed	CHI3L2	protein_cc	chr1	1.12E+08	1.12E+08	+	3295	372.3294	0	-1.81995	0.587006	-3.10039	0.002517	0.059458	1
ENSG0000	remission	Inflamed	APOH	protein_cc	chr17	64208151	64252643	-	1332	3.856802	0.451074	0.792373	0.255647	3.09948	0.002524	0.059494	1
ENSG0000	remission	Inflamed	GNAI2	protein_cc	chr3	50263724	50296787	+	7650	9413.78	0	-0.62914	0.202987	-3.09944	0.002525	0.059494	1
ENSG0000	remission	Inflamed	CEND1	protein_cc	chr11	787104	790123	-	1649	14.26969	0.050119	-0.96707	0.31204	-3.09918	0.002527	0.059494	1
ENSG0000	remission	Inflamed	TRPV2	protein_cc	chr17	16318856	16340317	+	3414	1010.11	0	-0.69647	0.224737	-3.09903	0.002528	0.059494	1
ENSG0000	remission	Inflamed	AQP7	protein_cc	chr9	33384765	33402643	-	2091	200.6396	0.00716	1.508879	0.487034	3.098098	0.002535	0.05961	1
ENSG0000	remission	Inflamed	MS4A3	protein_cc	chr11	59824060	59838601	+	2095	3.639618	0.410501	-0.72244	0.233285	-3.09683	0.002545	0.059646	1

ENSG0000	remission	Inflamed	MST1L	pseudoger	chr1	17081405	17096732	-	5295	378.9618	0.009547	1.701056	0.549304	3.096749	0.002545	0.059646	1
ENSG0000	remission	Inflamed	KPTN	protein_cc	chr19	47978401	47987525	-	2124	215.8759	0	-0.31545	0.101878	-3.0964	0.002548	0.059646	1
ENSG0000	remission	Inflamed	RP11-22P6	antisense	chr16	28890278	28891241	-	583	13.39857	0.00716	-0.66783	0.21569	-3.09624	0.00255	0.059646	1
ENSG0000	remission	Inflamed	PRAM1	protein_cc	chr19	8554940	8567996	-	3763	132.7613	0	-0.84699	0.273558	-3.09622	0.00255	0.059646	1
ENSG0000	remission	Inflamed	ACP2	protein_cc	chr11	47260853	47270457	-	3484	2668.389	0	-0.26589	0.085878	-3.09616	0.00255	0.059646	1
ENSG0000	remission	Inflamed	Y_RNA	misc_RNA	chr10	1.29E+08	1.29E+08	+	97	1.011933	0.73031	0.466256	0.150613	3.095726	0.002554	0.059673	1
ENSG0000	remission	Inflamed	AF064860	sense_ove	chr21	41002198	41098012	+	544	2.673031	0.522673	0.876491	0.283338	3.093449	0.002571	0.060027	1
ENSG0000	remission	Inflamed	Y_RNA	antisense	chr8	81396796	81397854	-	1059	41.90931	0.009547	0.758007	0.245066	3.093074	0.002574	0.060027	1
ENSG0000	remission	Inflamed	CTD-2132f	sense_intr	chr17	40192731	40195135	-	761	23.76611	0.038186	0.919106	0.29722	3.092345	0.00258	0.060027	1
ENSG0000	remission	Inflamed	TXNDC2	protein_cc	chr18	9885763	9889272	+	3352	2.026253	0.513126	-0.59795	0.193387	-3.092	0.002583	0.060027	1
ENSG0000	remission	Inflamed	ZSWIM5	protein_cc	chr1	45482071	45771881	-	6046	778.2601	0	0.804398	0.260155	3.091995	0.002583	0.060027	1
ENSG0000	remission	Inflamed	SERPINB9	protein_cc	chr6	2887500	2903514	-	4118	1617.594	0	-0.96487	0.312068	-3.09187	0.002584	0.060027	1
ENSG0000	remission	Inflamed	RIMS4	protein_cc	chr20	43380449	43438979	-	5206	47.26014	0.140811	1.402732	0.453697	3.091778	0.002585	0.060027	1
ENSG0000	remission	Inflamed	C9orf116	protein_cc	chr9	1.38E+08	1.38E+08	-	1864	43.05012	0	-0.74384	0.240702	-3.09029	0.002596	0.060248	1
ENSG0000	remission	Inflamed	GDE1	protein_cc	chr16	19513015	19533467	-	4412	3942.981	0	0.424314	0.137333	3.089681	0.002601	0.060297	1
ENSG0000	remission	Inflamed	RP11-424l	lincRNA	chr15	1.02E+08	1.02E+08	+	762	2.536993	0.51074	-0.73996	0.239512	-3.08945	0.002603	0.060297	1
ENSG0000	remission	Inflamed	AC017002	lincRNA	chr2	1.12E+08	1.12E+08	+	757	9.98568	0.088305	-0.9236	0.299125	-3.08767	0.002617	0.060574	1
ENSG0000	remission	Inflamed	SMOX	protein_cc	chr20	4101627	4168394	+	4943	857.6874	0	-0.95345	0.308841	-3.08719	0.002621	0.060609	1
ENSG0000	remission	Inflamed	GPSM3	protein_cc	chr6	32158543	32163300	-	1854	2022.683	0	-0.77978	0.252695	-3.08585	0.002632	0.060805	1
ENSG0000	remission	Inflamed	TNFRSF8	protein_cc	chr1	12123434	12204264	+	3738	102.315	0.011933	-1.33582	0.432994	-3.08508	0.002638	0.060896	1
ENSG0000	remission	Inflamed	RARRES3	protein_cc	chr11	63304281	63313934	+	1299	2199.408	0	-0.74086	0.24017	-3.08473	0.002641	0.060907	1
ENSG0000	remission	Inflamed	MSRB1	protein_cc	chr16	1988211	1993327	-	2157	1192.236	0	-0.53575	0.17371	-3.08416	0.002646	0.060961	1
ENSG0000	remission	Inflamed	ADPRHL2	protein_cc	chr1	36554476	36559533	+	1668	899.5728	0	-0.25473	0.082607	-3.08368	0.00265	0.060997	1
ENSG0000	remission	Inflamed	MYL5	protein_cc	chr4	667369	675822	+	4305	362.1337	0	0.523066	0.169641	3.083379	0.002652	0.060999	1
ENSG0000	remission	Inflamed	IGLV6-57	IG_V_gene	chr22	22550113	22550860	+	623	4690.31	0	-1.60041	0.519213	-3.08239	0.00266	0.061067	1
ENSG0000	remission	Inflamed	RP11-498E	lincRNA	chr9	1.25E+08	1.25E+08	+	477	15.35561	0.02148	0.657538	0.213343	3.082068	0.002663	0.061067	1
ENSG0000	remission	Inflamed	MIR3185	miRNA	chr17	46801770	46801837	-	68	3.167064	0.575179	0.979342	0.317791	3.081715	0.002666	0.061067	1
ENSG0000	remission	Inflamed	FES	protein_cc	chr15	91426925	91439006	+	4241	918.358	0	-0.6526	0.211767	-3.0817	0.002666	0.061067	1
ENSG0000	remission	Inflamed	ATP9A	protein_cc	chr20	50213053	50385173	-	8317	5574.496	0	0.737269	0.239271	3.081315	0.002669	0.061067	1
ENSG0000	remission	Inflamed	KLHDC7B	protein_cc	chr22	50986462	50989451	+	2990	124.8854	0.002387	-0.97588	0.316736	-3.08105	0.002671	0.061067	1
ENSG0000	remission	Inflamed	LINC00694	lincRNA	chr3	44462619	44465499	-	732	33.77804	0.016706	-1.19819	0.388937	-3.08067	0.002674	0.061067	1
ENSG0000	remission	Inflamed	TLL8	protein_cc	chr22	50453552	50495364	-	2707	2.210024	0.615752	-0.7497	0.24336	-3.08062	0.002675	0.061067	1
ENSG0000	remission	Inflamed	FMO1	protein_cc	chr1	1.71E+08	1.71E+08	+	3574	52.63246	0.159905	-1.71224	0.555892	-3.08016	0.002678	0.061067	1
ENSG0000	remission	Inflamed	TMEM255	protein_cc	chr13	1.14E+08	1.15E+08	+	2242	134.8711	0	-0.84472	0.274251	-3.08009	0.002679	0.061067	1
ENSG0000	remission	Inflamed	IGHV4-34	IG_V_gene	chr14	1.07E+08	1.07E+08	-	400	10580.37	0	-1.69838	0.551459	-3.0798	0.002681	0.061067	1
ENSG0000	remission	Inflamed	CCR3	protein_cc	chr3	46205096	46308197	+	3647	82.42005	0.00716	-1.33265	0.432733	-3.0796	0.002683	0.061067	1
ENSG0000	remission	Inflamed	CD300C	protein_cc	chr17	72537247	72542282	-	1517	121.5776	0	-0.88915	0.288765	-3.07914	0.002687	0.061102	1
ENSG0000	remission	Inflamed	RP11-380F	antisense	chr4	23562546	23770275	+	703	9.334129	0.362768	1.176416	0.382096	3.078853	0.002689	0.061102	1
ENSG0000	remission	Inflamed	RP11-66B2	antisense	chr15	1.01E+08	1.01E+08	-	5911	175.2864	0	0.563927	0.183211	3.078025	0.002696	0.061204	1
ENSG0000	remission	Inflamed	RAMP3	protein_cc	chr7	45197390	45225901	+	1427	755.6158	0	-0.99143	0.322204	-3.07702	0.002704	0.061306	1

ENSG0000	remission	Inflamed	NFKBIE	protein_cc chr6	44225903	44233500	-	2556	1054.086	0	-0.53163	0.172779	-3.07691	0.002705	0.061306	1
ENSG0000	remission	Inflamed	CA2	protein_cc chr8	86376081	86393722	+	2123	25945.15	0	1.275046	0.414468	3.076345	0.00271	0.06136	1
ENSG0000	remission	Inflamed	CLMN	protein_cc chr14	95648277	95786243	-	15701	5691.217	0	0.784965	0.255191	3.075994	0.002713	0.061373	1
ENSG0000	remission	Inflamed	WDR78	protein_cc chr1	67278568	67390570	-	6700	183.7828	0	1.020989	0.332058	3.07473	0.002723	0.06155	1
ENSG0000	remission	Inflamed	LILRA6	protein_cc chr19	54720737	54746649	-	4190	337.8091	0	-1.23259	0.40091	-3.07449	0.002725	0.06155	1
ENSG0000	remission	Inflamed	ADAM8	protein_cc chr10	1.35E+08	1.35E+08	-	4780	1523.549	0	-1.07004	0.348221	-3.07287	0.002739	0.06176	1
ENSG0000	remission	Inflamed	APOL2	protein_cc chr22	36622256	36636000	-	3477	3123.263	0	-0.7406	0.241016	-3.07281	0.002739	0.06176	1
ENSG0000	remission	Inflamed	CRISP3	protein_cc chr6	49695097	49712150	-	2247	1.653938	0.785203	-0.63828	0.20776	-3.07222	0.002744	0.061781	1
ENSG0000	remission	Inflamed	RP11-582J	antisense chr8	22398358	22402918	-	4076	8.198091	0.176611	0.954026	0.310541	3.072141	0.002745	0.061781	1
ENSG0000	remission	Inflamed	IGKV3-7	IG_V_gene chr2	89277987	89278600	-	445	34.50597	0.047733	-1.31754	0.429079	-3.07063	0.002758	0.062015	1
ENSG0000	remission	Inflamed	CRYBA4	protein_cc chr22	27017928	27026636	+	811	5.940334	0.157518	-0.86564	0.281952	-3.07016	0.002761	0.062051	1
ENSG0000	remission	Inflamed	RP11-536k	antisense chr10	5976233	5987863	-	3912	39.68974	0	-0.81226	0.264602	-3.06974	0.002765	0.062062	1
ENSG0000	remission	Inflamed	CDK5	protein_cc chr7	1.51E+08	1.51E+08	-	2938	332.821	0	-0.41334	0.13466	-3.06954	0.002767	0.062062	1
ENSG0000	remission	Inflamed	TRIP6	protein_cc chr7	1E+08	1E+08	+	2802	1541.821	0	-0.43785	0.142702	-3.06828	0.002777	0.062248	1
ENSG0000	remission	Inflamed	COL11A2	protein_cc chr6	33130458	33160276	-	6740	52.93795	0.004773	0.770699	0.251269	3.067228	0.002786	0.062395	1
ENSG0000	remission	Inflamed	SERPINB7	protein_cc chr18	61420169	61472604	+	2596	468.926	0.281623	-2.92509	0.953921	-3.06639	0.002793	0.06244	1
ENSG0000	remission	Inflamed	QPCT	protein_cc chr2	37571717	37600465	+	2599	348.2434	0	-0.71502	0.23322	-3.06588	0.002798	0.06244	1
ENSG0000	remission	Inflamed	AP000569	lincRNA chr21	35339403	35340874	-	591	2.159905	0.536993	-0.59306	0.193447	-3.06577	0.002799	0.06244	1
ENSG0000	remission	Inflamed	COG1	protein_cc chr17	71189129	71204646	+	5061	2020.234	0	0.371497	0.121176	3.065755	0.002799	0.06244	1
ENSG0000	remission	Inflamed	LAT2	protein_cc chr7	73613982	73644161	+	4542	804.0215	0	-0.74333	0.242497	-3.06533	0.002802	0.06244	1
ENSG0000	remission	Inflamed	RELT	protein_cc chr11	73087309	73108519	+	6322	669.7947	0	-0.78775	0.256987	-3.06532	0.002803	0.06244	1
ENSG0000	remission	Inflamed	STC1	protein_cc chr8	23699428	23712320	-	4149	723.8377	0.004773	-1.87162	0.610713	-3.06465	0.002808	0.062514	1
ENSG0000	remission	Inflamed	CSF2RB	protein_cc chr22	37309670	37336491	+	5061	4896.308	0	-1.09863	0.358639	-3.06332	0.00282	0.062704	1
ENSG0000	remission	Inflamed	LL22NC03-	protein_cc chr22	47857048	47882860	-	1090	8.315036	0.200477	1.024131	0.334344	3.063105	0.002822	0.062704	1
ENSG0000	remission	Inflamed	RP11-647F	pseudoger chr4	1.22E+08	1.22E+08	+	436	2.109785	0.577566	0.663789	0.216785	3.061972	0.002831	0.06276	1
ENSG0000	remission	Inflamed	RNF152	protein_cc chr18	59475296	59561480	-	9924	877.3819	0	1.055692	0.344804	3.061718	0.002834	0.06276	1
ENSG0000	remission	Inflamed	GPR55	protein_cc chr2	2.32E+08	2.32E+08	-	4130	194.2959	0.002387	-0.80686	0.26353	-3.06172	0.002834	0.06276	1
ENSG0000	remission	Inflamed	RP11-148C	pseudoger chr3	1.08E+08	1.08E+08	-	97	0.911695	0.794749	0.452659	0.147845	3.061701	0.002834	0.06276	1
ENSG0000	remission	Inflamed	RP11-1101	antisense chr5	1.77E+08	1.77E+08	+	431	2.093079	0.5179	0.637088	0.208119	3.061173	0.002838	0.062809	1
ENSG0000	remission	Inflamed	IGLV2-11	IG_V_gene chr22	23134980	23135496	+	400	12821.25	0	-1.38586	0.45287	-3.06018	0.002847	0.062946	1
ENSG0000	remission	Inflamed	TNF	protein_cc chr6	31543344	31546113	+	1676	253.4057	0	-0.92195	0.301384	-3.05904	0.002857	0.063112	1
ENSG0000	remission	Inflamed	PPM1L	protein_cc chr3	1.6E+08	1.61E+08	+	12447	567.8401	0	0.718553	0.234916	3.058765	0.002859	0.063112	1
ENSG0000	remission	Inflamed	MIR196A1	miRNA chr17	46709852	46709921	-	70	33.28878	0.057279	1.056681	0.345535	3.0581	0.002865	0.063187	1
ENSG0000	remission	Inflamed	CTSK	protein_cc chr1	1.51E+08	1.51E+08	-	1887	2342.391	0	-0.91962	0.300767	-3.05758	0.002869	0.063199	1
ENSG0000	remission	Inflamed	IGLV3-21	IG_V_gene chr22	23054174	23055688	+	602	10603.73	0	-1.55307	0.507958	-3.05748	0.00287	0.063199	1
ENSG0000	remission	Inflamed	RP11-125E	antisense chr9	2422702	2641395	-	4399	13.04535	0.221957	1.146344	0.375058	3.056446	0.002879	0.063323	1
ENSG0000	remission	Inflamed	SLC43A3	protein_cc chr11	57174427	57195053	-	3664	533.5871	0	-0.68487	0.224084	-3.05629	0.002881	0.063323	1
ENSG0000	remission	Inflamed	CD74	protein_cc chr5	1.5E+08	1.5E+08	-	3184	107875.7	0	-0.6279	0.205501	-3.05548	0.002888	0.063427	1
ENSG0000	remission	Inflamed	AC011747	lincRNA chr2	8699963	8723922	-	8956	115.3986	0	0.935279	0.306171	3.054758	0.002894	0.063513	1
ENSG0000	remission	Inflamed	CTD-2269f	antisense chr5	83680245	83786583	+	1370	14.70167	0.016706	0.676138	0.221363	3.054431	0.002897	0.063523	1

ENSG0000	remission	Inflamed	RP11-592E	pseudoger	chr10	51287081	51371070	-	2353	3.066826	0.369928	0.646239	0.211596	3.054125	0.0029	0.063529	1
ENSG0000	remission	Inflamed	PCK1	protein_cc	chr20	56136136	56141513	+	5164	4598.964	0	2.413308	0.790317	3.053596	0.002904	0.063579	1
ENSG0000	remission	Inflamed	LAYN	protein_cc	chr11	1.11E+08	1.11E+08	+	2938	153.1002	0	-0.6905	0.226167	-3.05304	0.002909	0.063634	1
ENSG0000	remission	Inflamed	MYBPH	protein_cc	chr1	2.03E+08	2.03E+08	-	1805	13.54893	0.217184	-1.20969	0.396296	-3.05249	0.002914	0.063687	1
ENSG0000	remission	Inflamed	TAS1R3	protein_cc	chr1	1266694	1270686	+	3433	382.4224	0	-1.19765	0.392465	-3.05162	0.002922	0.063803	1
ENSG0000	remission	Inflamed	GS1-115G	pseudoger	chr1	1.85E+08	1.85E+08	+	1325	1.054893	0.720764	0.507572	0.166447	3.049451	0.002941	0.064148	1
ENSG0000	remission	Inflamed	SCPEP1	protein_cc	chr17	55055466	55084129	+	3853	1439.403	0	-0.4829	0.158363	-3.0493	0.002943	0.064148	1
ENSG0000	remission	Inflamed	DIO3OS	lincRNA	chr14	1.02E+08	1.02E+08	-	5603	412.179	0	0.964533	0.316365	3.048797	0.002947	0.064193	1
ENSG0000	remission	Inflamed	SIRPA	protein_cc	chr20	1875154	1920543	+	4032	3339.537	0	-0.76659	0.251532	-3.04767	0.002957	0.06436	1
ENSG0000	remission	Inflamed	SHKBP1	protein_cc	chr19	41082757	41097305	+	3936	3452.442	0	-0.39184	0.128603	-3.0469	0.002964	0.064458	1
ENSG0000	remission	Inflamed	ITGB2	protein_cc	chr21	46305868	46351904	-	6797	6183.776	0	-0.84496	0.277395	-3.04605	0.002972	0.064474	1
ENSG0000	remission	Inflamed	RP11-333E	pseudoger	chr4	39974748	39975062	-	315	1.988067	0.436754	0.516293	0.169498	3.046022	0.002972	0.064474	1
ENSG0000	remission	Inflamed	RP3-405J1	pseudoger	chr12	50611445	50612126	-	354	2.155131	0.486874	0.57612	0.18914	3.045998	0.002972	0.064474	1
ENSG0000	remission	Inflamed	BMP3	protein_cc	chr4	81952119	81978685	+	5734	475.0621	0.038186	2.295586	0.753875	3.04505	0.002981	0.064606	1
ENSG0000	remission	Inflamed	AC011526	lincRNA	chr19	41960074	42006559	-	3884	110.2959	0.002387	-0.97877	0.321621	-3.04323	0.002997	0.064911	1
ENSG0000	remission	Inflamed	AP001046	lincRNA	chr21	44783212	44786446	+	2816	1.367542	0.706444	-0.65527	0.215391	-3.04222	0.003007	0.064958	1
ENSG0000	remission	Inflamed	HOXD-AS1	antisense	chr2	1.77E+08	1.77E+08	-	4851	1647.928	0	0.794664	0.261215	3.042186	0.003007	0.064958	1
ENSG0000	remission	Inflamed	TUBBP5	pseudoger	chr9	1.41E+08	1.41E+08	+	2712	75.39857	0.050119	0.822848	0.27048	3.042177	0.003007	0.064958	1
ENSG0000	remission	Inflamed	ZDHHC7	protein_cc	chr16	85007787	85045141	-	3947	3599.253	0	0.369212	0.1214	3.041291	0.003015	0.065064	1
ENSG0000	remission	Inflamed	RPS3AP40	pseudoger	chr11	67693122	67693902	-	781	1.293556	0.692124	0.570836	0.187708	3.041078	0.003017	0.065064	1
ENSG0000	remission	Inflamed	IGKV3D-11	IG_V_gene	chr2	90211643	90212253	+	442	263.3604	0.002387	-1.30776	0.430067	-3.04083	0.003019	0.065064	1
ENSG0000	remission	Inflamed	MYL6B	protein_cc	chr12	56546040	56553431	+	3264	424.9881	0	-0.5611	0.184593	-3.03966	0.00303	0.065125	1
ENSG0000	remission	Inflamed	CATSPER2	protein_cc	chr15	43920701	43960316	-	8403	242.5656	0.004773	1.163237	0.382694	3.039601	0.003031	0.065125	1
ENSG0000	remission	Inflamed	RP11-16E1	lincRNA	chr15	31514202	31523041	-	1563	284.642	0	-0.88196	0.290186	-3.03928	0.003034	0.065125	1
ENSG0000	remission	Inflamed	RP11-617C	antisense	chr4	38614322	38666504	-	3101	35.06683	0.033413	1.019752	0.335555	3.038998	0.003036	0.065125	1
ENSG0000	remission	Inflamed	AQP8	protein_cc	chr16	25227052	25240261	+	1421	12233.81	0.019093	3.217302	1.058698	3.038925	0.003037	0.065125	1
ENSG0000	remission	Inflamed	IGSF10	protein_cc	chr3	1.51E+08	1.51E+08	-	11727	58.65394	0.011933	1.008833	0.331973	3.0389	0.003037	0.065125	1
ENSG0000	remission	Inflamed	CTB-114C7	lincRNA	chr5	1.7E+08	1.7E+08	-	2182	10.54177	0.21957	-1.17893	0.388016	-3.03834	0.003042	0.065129	1
ENSG0000	remission	Inflamed	SRD5A3	protein_cc	chr4	56212276	56239263	+	4420	1092.329	0	-0.72265	0.237843	-3.03834	0.003042	0.065129	1
ENSG0000	remission	Inflamed	SMIM14	protein_cc	chr4	39547950	39640710	-	6721	3891.99	0	0.694744	0.228731	3.037384	0.003051	0.065266	1
ENSG0000	remission	Inflamed	FGFR2	protein_cc	chr10	1.23E+08	1.23E+08	-	7543	1615.912	0	1.109086	0.365212	3.03683	0.003056	0.065322	1
ENSG0000	remission	Inflamed	GRIN3B	protein_cc	chr19	1000418	1009731	+	3281	4.465394	0.267303	-0.75508	0.248744	-3.03557	0.003068	0.065495	1
ENSG0000	remission	Inflamed	PRG4	protein_cc	chr1	1.86E+08	1.86E+08	+	5050	6.859189	0.348449	-0.97502	0.321215	-3.03542	0.003069	0.065495	1
ENSG0000	remission	Inflamed	RP11-757C	lincRNA	chr18	14244624	14252139	+	566	3.353222	0.374702	0.747459	0.246394	3.033587	0.003086	0.065799	1
ENSG0000	remission	Inflamed	ARHGDIB	protein_cc	chr12	15094951	15114662	-	2102	4927.458	0	-0.74651	0.246102	-3.03332	0.003089	0.065799	1
ENSG0000	remission	Inflamed	RP11-277E	antisense	chr1	1.67E+08	1.67E+08	-	682	11.15274	0.0358	0.707945	0.233407	3.033089	0.003091	0.065799	1
ENSG0000	remission	Inflamed	CCDC69	protein_cc	chr5	1.51E+08	1.51E+08	-	4993	3479.79	0	-0.80856	0.266608	-3.03278	0.003094	0.065808	1
ENSG0000	remission	Inflamed	SIAH3	protein_cc	chr13	46354405	46425871	-	4030	4.293556	0.353222	0.907505	0.299398	3.031101	0.00311	0.065995	1
ENSG0000	remission	Inflamed	MEI1	protein_cc	chr22	42095503	42195460	+	5412	619.0644	0	-1.03875	0.342719	-3.03091	0.003111	0.065995	1
ENSG0000	remission	Inflamed	FAM89B	protein_cc	chr11	65339820	65341669	+	1458	478.0358	0	-0.4846	0.159899	-3.03064	0.003114	0.065995	1

ENSG0000	remission	Inflamed	IGKV1-17	IG_V_gene	chr2	89416833	89417335	-	378	8348.06	0	-1.56301	0.515764	-3.03047	0.003116	0.065995	1
ENSG0000	remission	Inflamed	SAMD14	protein_cc	chr17	48187404	48207246	-	7016	214.5346	0	-0.77913	0.257098	-3.03046	0.003116	0.065995	1
ENSG0000	remission	Inflamed	EFCAB4B	protein_cc	chr12	3715799	3873985	-	12466	1770.432	0	0.841858	0.277832	3.030092	0.003119	0.065995	1
ENSG0000	remission	Inflamed	CCL25	protein_cc	chr19	8117651	8127534	+	984	168.1193	0.176611	-1.52426	0.503118	-3.02963	0.003124	0.065995	1
ENSG0000	remission	Inflamed	NEB	protein_cc	chr2	1.52E+08	1.53E+08	-	30567	23.30072	0.040573	-1.10069	0.363313	-3.0296	0.003124	0.065995	1
ENSG0000	remission	Inflamed	PRR26	protein_cc	chr10	695888	711109	+	4833	288.8305	0	0.785657	0.259346	3.029375	0.003126	0.065995	1
ENSG0000	remission	Inflamed	IGHG3	IG_C_gene	chr14	1.06E+08	1.06E+08	-	1268	109430.7	0	-2.22797	0.735502	-3.02918	0.003128	0.065995	1
ENSG0000	remission	Inflamed	RP11-357C	processed_chrx		62563106	62780951	-	6379	911.5537	0	0.445438	0.147077	3.028612	0.003133	0.066055	1
ENSG0000	remission	Inflamed	OPHN1	protein_cc	chrX	67262186	67653755	-	8224	366.5012	0	0.720978	0.238125	3.027734	0.003142	0.066129	1
ENSG0000	remission	Inflamed	SEC61B	protein_cc	chr9	1.02E+08	1.02E+08	+	1190	2348.325	0	-0.54121	0.178753	-3.02771	0.003142	0.066129	1
ENSG0000	remission	Inflamed	NTPCR	protein_cc	chr1	2.33E+08	2.33E+08	+	15854	1093.649	0	0.321585	0.106229	3.027285	0.003146	0.066162	1
ENSG0000	remission	Inflamed	CYTH4	protein_cc	chr22	37678068	37711382	+	6157	2259.122	0	-0.86779	0.286712	-3.02669	0.003151	0.066229	1
ENSG0000	remission	Inflamed	RP11-326C	lincRNA	chr11	325703	326294	-	592	2.615752	0.505967	-0.7429	0.245535	-3.02564	0.003161	0.066355	1
ENSG0000	remission	Inflamed	GNGT2	protein_cc	chr17	47280153	47287936	-	1689	97.24821	0	-0.55265	0.182661	-3.02553	0.003163	0.066355	1
ENSG0000	remission	Inflamed	FUZ	protein_cc	chr19	50310126	50320633	-	2951	292.4129	0	-0.4548	0.150359	-3.02477	0.00317	0.066454	1
ENSG0000	remission	Inflamed	OAZ2	protein_cc	chr15	64979772	64995480	-	7671	2405.107	0	-0.39357	0.130127	-3.02448	0.003173	0.06646	1
ENSG0000	remission	Inflamed	NOL4	protein_cc	chr18	31431064	31804916	-	5687	12.04057	0.138425	1.183092	0.391464	3.022226	0.003194	0.066734	1
ENSG0000	remission	Inflamed	EMILIN2	protein_cc	chr18	2847028	2915991	+	6435	1562.117	0	-0.70769	0.234171	-3.02212	0.003195	0.066734	1
ENSG0000	remission	Inflamed	RP11-626F	lincRNA	chr14	27278623	27305664	+	853	2.221957	0.687351	0.581281	0.192343	3.022108	0.003195	0.066734	1
ENSG0000	remission	Inflamed	CTD-2124F	pseudoger	chr5	37286551	37287079	-	529	11.60382	0.031026	0.641044	0.212121	3.022065	0.003196	0.066734	1
ENSG0000	remission	Inflamed	RP11-234E	lincRNA	chr12	4809583	4829268	-	1249	523.2458	0.00716	1.065172	0.352526	3.021539	0.003201	0.066787	1
ENSG0000	remission	Inflamed	CTC-448F2	pseudoger	chr19	30528330	30529063	+	734	11.68496	0.064439	0.742813	0.245918	3.020572	0.00321	0.066915	1
ENSG0000	remission	Inflamed	MBOAT2	protein_cc	chr2	8992820	9143942	-	8798	1329.554	0	0.746387	0.247122	3.020321	0.003213	0.066915	1
ENSG0000	remission	Inflamed	IGLV1-47	IG_V_gene	chr22	22712087	22712608	+	407	7747.325	0	-1.56153	0.517043	-3.02012	0.003215	0.066915	1
ENSG0000	remission	Inflamed	RP11-126C	antisense	chr17	202429	207372	+	748	41.83771	0.016706	0.903333	0.299185	3.019313	0.003222	0.067024	1
ENSG0000	remission	Inflamed	RP3-355L5	lincRNA	chr6	1.06E+08	1.06E+08	-	541	7.844869	0.047733	0.596022	0.19745	3.018591	0.003229	0.067117	1
ENSG0000	remission	Inflamed	UGT1A1	protein_cc	chr2	2.35E+08	2.35E+08	+	7982	304.0644	0.02864	1.435986	0.475819	3.017927	0.003236	0.067199	1
ENSG0000	remission	Inflamed	SCNN1B	protein_cc	chr16	23289552	23392620	+	3918	3194.384	0	1.409437	0.467086	3.017509	0.00324	0.067231	1
ENSG0000	remission	Inflamed	AFG3L2	protein_cc	chr18	12328943	12377313	-	6624	3582.146	0	0.527467	0.174879	3.01619	0.003253	0.067381	1
ENSG0000	remission	Inflamed	PLEK	protein_cc	chr2	68592305	68624585	+	3314	3139.597	0	-1.2548	0.416082	-3.01575	0.003257	0.067381	1
ENSG0000	remission	Inflamed	CLSTN2	protein_cc	chr3	1.4E+08	1.4E+08	+	14596	194.8473	0.009547	1.075478	0.356638	3.015597	0.003259	0.067381	1
ENSG0000	remission	Inflamed	IGSF9	protein_cc	chr1	1.6E+08	1.6E+08	-	6620	2412.463	0	1.364906	0.452643	3.015411	0.003261	0.067381	1
ENSG0000	remission	Inflamed	DHRS13	protein_cc	chr17	27224799	27230089	-	2944	418.7947	0	-0.39957	0.132511	-3.01534	0.003261	0.067381	1
ENSG0000	remission	Inflamed	IL23R	protein_cc	chr1	67632083	67725662	+	2995	36.15274	0.002387	0.798435	0.264803	3.015205	0.003263	0.067381	1
ENSG0000	remission	Inflamed	PEA15	protein_cc	chr1	1.6E+08	1.6E+08	+	2806	4515.518	0	-0.57442	0.190578	-3.0141	0.003274	0.067552	1
ENSG0000	remission	Inflamed	KIAA0319	protein_cc	chr6	24544332	24646383	-	7005	101.7852	0.009547	0.941774	0.312521	3.013477	0.00328	0.067626	1
ENSG0000	remission	Inflamed	MT-TV	Mt_tRNA	chrM	1602	1670	+	69	246	0.002387	1.257654	0.417414	3.012966	0.003285	0.067678	1
ENSG0000	remission	Inflamed	FAM160A2	protein_cc	chr11	6232565	6255941	-	4736	5210.124	0	0.570352	0.189427	3.010927	0.003305	0.068041	1
ENSG0000	remission	Inflamed	CTD-2350C	antisense	chr17	26729128	26731067	+	1940	35.71599	0.02148	0.748145	0.248504	3.010591	0.003308	0.068057	1
ENSG0000	remission	Inflamed	WNT11	protein_cc	chr11	75897369	75921780	-	2401	70.54893	0.002387	1.085982	0.360843	3.009568	0.003319	0.068214	1

ENSG0000	remission	Inflamed	SELM	protein_cc chr22	31500758	31516055	-	3187	1417.453	0	-0.75511	0.250956	-3.00894	0.003325	0.068225	1
ENSG0000	remission	Inflamed	MARCO	protein_cc chr2	1.2E+08	1.2E+08	+	2079	45.34845	0.124105	-1.68505	0.560025	-3.00888	0.003325	0.068225	1
ENSG0000	remission	Inflamed	TMEM184	protein_cc chr22	38615298	38669040	-	5014	4251.387	0	-0.41083	0.136545	-3.00874	0.003327	0.068225	1
ENSG0000	remission	Inflamed	DNAH6	protein_cc chr2	84743579	85046713	+	13514	24.80907	0.02148	0.873367	0.290316	3.008329	0.003331	0.068235	1
ENSG0000	remission	Inflamed	HPX	protein_cc chr11	6452279	6463847	-	3631	58.3031	0.00716	0.902303	0.299951	3.008167	0.003333	0.068235	1
ENSG0000	remission	Inflamed	RP11-134F	lincRNA chr1	2.03E+08	2.03E+08	+	837	7.548926	0.124105	-0.821	0.272988	-3.00747	0.00334	0.068325	1
ENSG0000	remission	Inflamed	AC093323	protein_cc chr4	6693782	6694189	-	408	1.699284	0.544153	0.531502	0.176767	3.0068	0.003346	0.068402	1
ENSG0000	remission	Inflamed	AC008984	pseudoger chr19	54813047	54817309	-	404	2.515513	0.682578	-0.87584	0.291306	-3.00658	0.003349	0.068402	1
ENSG0000	remission	Inflamed	ALS2CR12	protein_cc chr2	2.02E+08	2.02E+08	-	2635	13.73986	0.071599	0.792484	0.263626	3.006098	0.003353	0.068448	1
ENSG0000	remission	Inflamed	TMCC3	protein_cc chr12	94960900	95044338	-	6515	2564.26	0	0.825897	0.27479	3.005554	0.003359	0.068475	1
ENSG0000	remission	Inflamed	ACSM3	protein_cc chr16	20621565	20808903	+	5095	610.1599	0	0.958266	0.318845	3.00543	0.00336	0.068475	1
ENSG0000	remission	Inflamed	MATN2	protein_cc chr8	98881068	99048944	+	6938	3194.919	0	0.744391	0.247733	3.004813	0.003366	0.068475	1
ENSG0000	remission	Inflamed	NOX4	protein_cc chr11	89057524	89322779	-	6327	18.32936	0.143198	-1.16918	0.389108	-3.00477	0.003367	0.068475	1
ENSG0000	remission	Inflamed	B9D1	protein_cc chr17	19240867	19281495	-	3522	216.6563	0	-0.58409	0.194394	-3.00468	0.003368	0.068475	1
ENSG0000	remission	Inflamed	CHP2	protein_cc chr16	23765948	23770272	+	2382	5338.893	0.004773	1.685562	0.561194	3.003526	0.003379	0.068557	1
ENSG0000	remission	Inflamed	SLA	protein_cc chr8	1.34E+08	1.34E+08	-	7633	1209.224	0	-0.88222	0.293741	-3.0034	0.003381	0.068557	1
ENSG0000	remission	Inflamed	RN7SL812l	misc_RNA chr22	20836224	20836497	-	274	2.26253	0.443914	0.542163	0.180521	3.003328	0.003381	0.068557	1
ENSG0000	remission	Inflamed	AC097468	antisense chr2	2.2E+08	2.2E+08	+	1992	11.62291	0.114558	0.988038	0.328989	3.003257	0.003382	0.068557	1
ENSG0000	remission	Inflamed	CHKA	protein_cc chr11	67820326	67888911	-	3877	1539.971	0	0.591768	0.197084	3.002613	0.003389	0.068561	1
ENSG0000	remission	Inflamed	CTHRC1	protein_cc chr8	1.04E+08	1.04E+08	+	1776	311.5752	0	-1.40098	0.466615	-3.00243	0.003391	0.068561	1
ENSG0000	remission	Inflamed	MTND4P1	pseudoger chr5	1.34E+08	1.34E+08	-	1377	1433.26	0	0.603867	0.201138	3.002247	0.003393	0.068561	1
ENSG0000	remission	Inflamed	HLA-DQA1	protein_cc chr6	32595956	32614839	+	6927	3690.16	0	-0.77001	0.256553	-3.00138	0.003401	0.068561	1
ENSG0000	remission	Inflamed	CNTNAP2	protein_cc chr7	1.46E+08	1.48E+08	+	10308	202.5704	0	0.935823	0.31182	3.001167	0.003404	0.068561	1
ENSG0000	remission	Inflamed	TAS2R38	protein_cc chr7	1.42E+08	1.42E+08	-	1143	3.011933	0.529833	0.745339	0.248356	3.001096	0.003404	0.068561	1
ENSG0000	remission	Inflamed	RP5-1057J	lincRNA chr1	23704873	23705522	-	650	25.24105	0.026253	0.864934	0.288209	3.00106	0.003405	0.068561	1
ENSG0000	remission	Inflamed	PIWIL2	protein_cc chr8	22132810	22215076	+	5751	68.91647	0.002387	0.838095	0.279285	3.00086	0.003407	0.068561	1
ENSG0000	remission	Inflamed	S1PR4	protein_cc chr19	3172344	3180329	+	1693	348.3938	0	-1.12777	0.375822	-3.0008	0.003407	0.068561	1
ENSG0000	remission	Inflamed	ATXN7L1	protein_cc chr7	1.05E+08	1.06E+08	-	8295	422.4296	0	0.456053	0.151983	3.000682	0.003409	0.068561	1
ENSG0000	remission	Inflamed	SLC1A4	protein_cc chr2	65215611	65250999	+	6939	2935.217	0	-0.60022	0.200102	-2.99958	0.00342	0.068701	1
ENSG0000	remission	Inflamed	MAGI1	protein_cc chr3	65339200	66024509	-	11647	1226.033	0	0.744629	0.248251	2.999497	0.003421	0.068701	1
ENSG0000	remission	Inflamed	B3GALT1	protein_cc chr2	1.69E+08	1.69E+08	+	5353	359.3294	0.009547	1.624244	0.541581	2.999077	0.003425	0.068735	1
ENSG0000	remission	Inflamed	MICB	protein_cc chr6	31462658	31478901	+	2854	334.9141	0	-0.63667	0.212328	-2.99853	0.003431	0.068797	1
ENSG0000	remission	Inflamed	ADAM1A	pseudoger chr12	1.12E+08	1.12E+08	+	2976	267.3604	0	1.08198	0.360952	2.997574	0.00344	0.068832	1
ENSG0000	remission	Inflamed	RP5-1148f	antisense chr6	64280910	64282313	-	1404	127.3222	0	0.74422	0.248283	2.997461	0.003442	0.068832	1
ENSG0000	remission	Inflamed	GYG1	protein_cc chr3	1.49E+08	1.49E+08	+	3475	1042.988	0	-0.43042	0.143599	-2.99738	0.003442	0.068832	1
ENSG0000	remission	Inflamed	PANK1	protein_cc chr10	91342745	91405215	-	4127	726.0907	0	0.882289	0.294374	2.997167	0.003445	0.068832	1
ENSG0000	remission	Inflamed	RP11-77K1	sense_intr chr16	75492150	75493915	-	852	6.460621	0.205251	0.781692	0.260826	2.996987	0.003447	0.068832	1
ENSG0000	remission	Inflamed	GSTP1	protein_cc chr11	67351066	67354131	+	1925	8214.43	0	-0.47105	0.157183	-2.99679	0.003449	0.068832	1
ENSG0000	remission	Inflamed	CHMP3	protein_cc chr2	86730554	86948245	-	7393	2758.845	0	0.577156	0.192633	2.996142	0.003455	0.068832	1
ENSG0000	remission	Inflamed	QPCTL	protein_cc chr19	46195741	46207247	+	2396	569.6802	0	-0.44304	0.147871	-2.99612	0.003456	0.068832	1

ENSG0000	remission	Inflamed	DHH	protein_cc	chr12	49483204	49488602	-	1936	19.64916	0.045346	-0.91783	0.306345	-2.99607	0.003456	0.068832	1
ENSG0000	remission	Inflamed	RP11-415C	lincRNA	chr4	27219101	27283847	+	2802	1.145585	0.75895	0.418564	0.139733	2.995457	0.003462	0.068908	1
ENSG0000	remission	Inflamed	ZNF57	protein_cc	chr19	2900896	2918474	+	2258	285.1122	0	0.728919	0.24345	2.994121	0.003476	0.069008	1
ENSG0000	remission	Inflamed	WFIKKN1	protein_cc	chr16	679239	684116	+	4878	79.0358	0.00716	0.867311	0.289687	2.993958	0.003478	0.069008	1
ENSG0000	remission	Inflamed	NDUFA4L2	protein_cc	chr12	57628686	57634498	-	2806	287.1527	0	-1.06427	0.355478	-2.99391	0.003479	0.069008	1
ENSG0000	remission	Inflamed	SLAMF9	protein_cc	chr1	1.6E+08	1.6E+08	-	1156	5.673031	0.403341	-0.96789	0.323328	-2.99351	0.003483	0.069008	1
ENSG0000	remission	Inflamed	GPD1L	protein_cc	chr3	32147181	32210205	+	4802	2890.601	0	0.859714	0.287196	2.993472	0.003483	0.069008	1
ENSG0000	remission	Inflamed	RBFADN	processed_chr	18	77806900	77853362	+	6623	27.64916	0.023866	0.863155	0.288353	2.993398	0.003484	0.069008	1
ENSG0000	remission	Inflamed	FAM20A	protein_cc	chr17	66531254	66597530	-	6203	504.2124	0	-1.17696	0.393209	-2.99322	0.003486	0.069008	1
ENSG0000	remission	Inflamed	NDRG2	protein_cc	chr14	21484922	21539031	-	7550	4164.998	0	0.681986	0.227881	2.992732	0.003491	0.069056	1
ENSG0000	remission	Inflamed	AC012146	processed_chr	17	5014763	5017674	+	856	41.2506	0	-0.68035	0.227429	-2.99147	0.003504	0.069244	1
ENSG0000	remission	Inflamed	MTX1	protein_cc	chr1	1.55E+08	1.55E+08	+	3278	524.5227	0	-0.29246	0.09777	-2.99132	0.003506	0.069244	1
ENSG0000	remission	Inflamed	WARS	protein_cc	chr14	1.01E+08	1.01E+08	-	6358	13094.11	0	-0.79269	0.265202	-2.98902	0.00353	0.069658	1
ENSG0000	remission	Inflamed	PGAP3	protein_cc	chr17	37827375	37853050	-	3669	2334.819	0	0.583838	0.19534	2.988835	0.003532	0.069658	1
ENSG0000	remission	Inflamed	ENG	protein_cc	chr9	1.31E+08	1.31E+08	-	3710	6547.759	0	-0.88014	0.294592	-2.98766	0.003544	0.069852	1
ENSG0000	remission	Inflamed	IGKV1-33	IG_V_gene	chr2	89567758	89568263	-	382	371.1146	0.002387	-1.44916	0.485196	-2.98675	0.003554	0.06999	1
ENSG0000	remission	Inflamed	RAVER2	protein_cc	chr1	65210778	65298915	+	6070	2021.63	0	0.86344	0.289122	2.986417	0.003558	0.070005	1
ENSG0000	remission	Inflamed	RNU6-113	snRNA	chr7	1.02E+08	1.02E+08	+	104	0.816229	0.785203	0.40554	0.135806	2.986178	0.00356	0.070005	1
ENSG0000	remission	Inflamed	AC090954	pseudoger	chr3	15173355	15173715	-	361	4.28401	0.353222	0.772093	0.258622	2.985414	0.003568	0.070113	1
ENSG0000	remission	Inflamed	ZNF774	protein_cc	chr15	90895477	90909324	+	5457	271.5513	0	0.817142	0.273762	2.984865	0.003574	0.070164	1
ENSG0000	remission	Inflamed	P4HB	protein_cc	chr17	79801035	79818570	-	5303	50454	0	-0.33405	0.111923	-2.98467	0.003576	0.070164	1
ENSG0000	remission	Inflamed	FAM89A	protein_cc	chr1	2.31E+08	2.31E+08	-	2394	120.9284	0	-0.68815	0.230705	-2.98282	0.003596	0.070501	1
ENSG0000	remission	Inflamed	LA16c-380	lincRNA	chr16	3056121	3057386	+	1266	173.2721	0	0.719557	0.241256	2.982542	0.003599	0.070508	1
ENSG0000	remission	Inflamed	RP11-572C	lincRNA	chr3	48709888	48710166	+	279	1.031026	0.73747	0.418025	0.140193	2.981775	0.003607	0.070567	1
ENSG0000	remission	Inflamed	SPON1	processed_chr	11	13983914	14289646	+	5639	4792.737	0	0.810628	0.271862	2.981764	0.003608	0.070567	1
ENSG0000	remission	Inflamed	XXbac-B46	processed_chr	22	18270418	18294263	-	4328	12.36277	0.090692	0.838184	0.281176	2.980994	0.003616	0.070657	1
ENSG0000	remission	Inflamed	IGKV1D-27	IG_V_pseu	chr2	90007677	90008154	+	354	261.7733	0.002387	-1.37753	0.46224	-2.98012	0.003625	0.070657	1
ENSG0000	remission	Inflamed	RP11-274E	lincRNA	chr9	71158457	71161505	-	526	6.75179	0.379475	-1.12532	0.37767	-2.97964	0.003631	0.070657	1
ENSG0000	remission	Inflamed	RP11-383I	lincRNA	chr3	99521543	99524902	-	3360	4.706444	0.260143	0.73067	0.245232	2.979503	0.003632	0.070657	1
ENSG0000	remission	Inflamed	SLC25A23	protein_cc	chr19	6436090	6465214	-	4859	6772.198	0	0.696798	0.233871	2.979415	0.003633	0.070657	1
ENSG0000	remission	Inflamed	LINC00582	antisense	chr1	2.32E+08	2.32E+08	-	597	24.93079	0.016706	-0.99715	0.334703	-2.97921	0.003635	0.070657	1
ENSG0000	remission	Inflamed	AIF1	protein_cc	chr6	31582961	31584798	+	1276	1017.535	0	-0.72356	0.242874	-2.97916	0.003636	0.070657	1
ENSG0000	remission	Inflamed	HERPUD1	protein_cc	chr16	56965960	56977798	+	4178	11964.32	0	-0.47791	0.160418	-2.97914	0.003636	0.070657	1
ENSG0000	remission	Inflamed	UGT1A7	protein_cc	chr2	2.35E+08	2.35E+08	+	4167	5.799523	0.324582	0.808683	0.271451	2.979107	0.003636	0.070657	1
ENSG0000	remission	Inflamed	AC096579	processed_chr	2	89109984	89161075	-	1653	54.45107	0.009547	-1.07024	0.359295	-2.97874	0.00364	0.070683	1
ENSG0000	remission	Inflamed	CTD-2583f	antisense	chr16	12853139	12855019	+	927	2.787589	0.463007	-0.72504	0.24349	-2.97772	0.003651	0.070781	1
ENSG0000	remission	Inflamed	RP11-677f	antisense	chr11	1.25E+08	1.25E+08	+	1538	49.36038	0	0.841314	0.282545	2.977622	0.003653	0.070781	1
ENSG0000	remission	Inflamed	IGHV6-1	IG_V_gene	chr14	1.06E+08	1.06E+08	-	415	3655.678	0	-1.51801	0.50982	-2.97753	0.003653	0.070781	1
ENSG0000	remission	Inflamed	MTATP6P1	pseudoger	chr1	569076	569756	+	681	1792.938	0	0.617915	0.207546	2.977249	0.003657	0.070789	1
ENSG0000	remission	Inflamed	SPG21	protein_cc	chr15	65255362	65282648	-	3984	2180.816	0	-0.26616	0.089413	-2.97673	0.003662	0.070797	1

ENSG0000	remission	Inflamed	IMPA2	protein_cc chr18	11981024	12030876	+		3819	2241.069	0	0.480681	0.16148	2.976723	0.003662	0.070797	1
ENSG0000	remission	Inflamed	PCSK6	protein_cc chr15	1.02E+08	1.02E+08	-		9348	2759.527	0	0.758527	0.254952	2.975179	0.003679	0.071056	1
ENSG0000	remission	Inflamed	NAGLU	protein_cc chr17	40688190	40696467	+		3004	2033.63	0	-0.30393	0.102163	-2.97501	0.003681	0.071056	1
ENSG0000	remission	Inflamed	C3orf55	protein_cc chr3	1.57E+08	1.57E+08	+		3180	16.84964	0.057279	-1.14517	0.38521	-2.97286	0.003705	0.071373	1
ENSG0000	remission	Inflamed	CAMK1G	protein_cc chr1	2.1E+08	2.1E+08	+		2676	19.42243	0.128878	-1.11616	0.375459	-2.9728	0.003706	0.071373	1
ENSG0000	remission	Inflamed	POU5F1	protein_cc chr6	31132119	31148508	-		2876	180.0549	0	1.074544	0.361461	2.97278	0.003706	0.071373	1
ENSG0000	remission	Inflamed	PCBP3	protein_cc chr21	47063608	47362368	+		6796	223.2792	0	-0.97614	0.328405	-2.97237	0.00371	0.071409	1
ENSG0000	remission	Inflamed	ELL3	protein_cc chr15	44064798	44069741	-		2880	59.11695	0.009547	0.896726	0.301751	2.971744	0.003717	0.071442	1
ENSG0000	remission	Inflamed	CCDC3	protein_cc chr10	12938627	13141652	-		3681	826.0286	0	-1.14269	0.384519	-2.97172	0.003717	0.071442	1
ENSG0000	remission	Inflamed	THSD4	protein_cc chr15	71389291	72075722	+		15803	1702.659	0	0.840036	0.282713	2.971337	0.003722	0.071472	1
ENSG0000	remission	Inflamed	EDN1	protein_cc chr6	12290596	12297427	+		2033	484.8735	0	0.58921	0.198353	2.97051	0.003731	0.071596	1
ENSG0000	remission	Inflamed	PNOC	protein_cc chr8	28174503	28200872	+		2126	246.0573	0	-1.23165	0.414673	-2.97018	0.003735	0.071616	1
ENSG0000	remission	Inflamed	RETSAT	protein_cc chr2	85569211	85581743	-		4264	9232.317	0	0.684993	0.230676	2.969501	0.003742	0.071708	1
ENSG0000	remission	Inflamed	SMOC1	protein_cc chr14	70320848	70499083	+		4369	369.2506	0	-1.25789	0.423705	-2.96879	0.00375	0.071808	1
ENSG0000	remission	Inflamed	RHBDL2	protein_cc chr1	39351479	39407471	-		2914	752.3484	0	0.747828	0.252085	2.966575	0.003775	0.072231	1
ENSG0000	remission	Inflamed	C2	protein_cc chr6	31865562	31913449	+		5536	1619.229	0	-0.63808	0.215124	-2.96609	0.00378	0.072283	1
ENSG0000	remission	Inflamed	THY1	protein_cc chr11	1.19E+08	1.19E+08	-		5923	3910.936	0	-1.04856	0.353674	-2.96475	0.003796	0.072455	1
ENSG0000	remission	Inflamed	ANKRD26F	pseudoger chr16	46503253	46603009	-		6411	1.675418	0.701671	-0.7777	0.262315	-2.96474	0.003796	0.072455	1
ENSG0000	remission	Inflamed	RP11-290F	lincRNA chr11	6223131	6224483	-		1353	111.401	0.00716	1.292243	0.435897	2.964564	0.003798	0.072455	1
ENSG0000	remission	Inflamed	C12orf68	protein_cc chr12	48577366	48579709	+		2344	60.12649	0.004773	-0.86862	0.293046	-2.9641	0.003803	0.072503	1
ENSG0000	remission	Inflamed	LYN	protein_cc chr8	56792372	56923940	+		3398	3092.625	0	-0.74336	0.250849	-2.96339	0.003811	0.072586	1
ENSG0000	remission	Inflamed	PHYH	protein_cc chr10	13319796	13344412	-		3381	1220.198	0	0.517998	0.174809	2.96323	0.003813	0.072586	1
ENSG0000	remission	Inflamed	TNNT1	protein_cc chr19	55644162	55660722	-		2171	11.6969	0.064439	-0.81002	0.273434	-2.9624	0.003822	0.072713	1
ENSG0000	remission	Inflamed	TCIRG1	protein_cc chr11	67806483	67818362	+		4384	7170.379	0	-0.49407	0.166813	-2.96181	0.003829	0.072743	1
ENSG0000	remission	Inflamed	RP4-758J2	lincRNA chr1	54492356	54494172	-		1817	107.6754	0	0.769101	0.259676	2.961777	0.003829	0.072743	1
ENSG0000	remission	Inflamed	CTC-510F1	3prime_ov chr19	11411453	11435117	-		685	8.334129	0.288783	-1.10135	0.371895	-2.96144	0.003833	0.072763	1
ENSG0000	remission	Inflamed	RP11-691I	protein_cc chr11	57509635	57560715	+		580	22.58473	0.102625	1.153063	0.389413	2.961028	0.003838	0.072775	1
ENSG0000	remission	Inflamed	P4HA3	protein_cc chr11	73946846	74022702	-		4009	82.90215	0.00716	-1.52058	0.513553	-2.9609	0.003839	0.072775	1
ENSG0000	remission	Inflamed	PPP1R9A	protein_cc chr7	94536514	94925727	+		11151	376.8258	0	0.957742	0.323517	2.960405	0.003845	0.07283	1
ENSG0000	remission	Inflamed	RP11-44F1	lincRNA chr16	53420856	53422997	+		2142	50.00955	0.016706	0.924555	0.312337	2.960122	0.003848	0.072839	1
ENSG0000	remission	Inflamed	FJX1	protein_cc chr11	35639735	35642419	+		2685	159.9045	0.00716	-1.18427	0.400253	-2.95879	0.003864	0.073023	1
ENSG0000	remission	Inflamed	IGKV3-15	IG_V_gene chr2	89384673	89385283	-		442	10091.73	0	-1.51972	0.513664	-2.95859	0.003866	0.073023	1
ENSG0000	remission	Inflamed	CDH22	protein_cc chr20	44802372	44937137	-		4929	14.4463	0.102625	1.119735	0.378475	2.958548	0.003866	0.073023	1
ENSG0000	remission	Inflamed	IGKV1D-39	IG_V_gene chr2	89901292	89901791	+		376	967.7566	0	-1.41565	0.478596	-2.95792	0.003874	0.073097	1
ENSG0000	remission	Inflamed	CCL18	protein_cc chr17	34391640	34399392	+		1397	1300.592	0	-1.63988	0.554438	-2.95773	0.003876	0.073097	1
ENSG0000	remission	Inflamed	IGKV1-39	IG_V_gene chr2	89619383	89619904	-		398	726.0263	0	-1.51755	0.513168	-2.95722	0.003882	0.073155	1
ENSG0000	remission	Inflamed	CYP24A1	protein_cc chr20	52769988	52790512	-		3972	77.91647	0.217184	-1.78955	0.605258	-2.95667	0.003888	0.073223	1
ENSG0000	remission	Inflamed	TBXAS1	protein_cc chr7	1.39E+08	1.4E+08	+		6271	1252.377	0	-0.58561	0.198092	-2.95626	0.003893	0.07326	1
ENSG0000	remission	Inflamed	IL11	protein_cc chr19	55875757	55881831	-		2671	880.7542	0.002387	-2.29058	0.775025	-2.9555	0.003902	0.073373	1
ENSG0000	remission	Inflamed	RP11-432I	lincRNA chr16	71760878	71761895	+		1018	0.97852	0.768496	0.399194	0.135095	2.954917	0.003908	0.073447	1

ENSG0000	remission	Inflamed	EMP3	protein_cc chr19	48824766	48833810	+	1667	1196.217	0	-0.89034	0.301393	-2.95409	0.003918	0.073576	1
ENSG0000	remission	Inflamed	CLEC4F	protein_cc chr2	71035775	71047732	-	2475	29.57279	0.042959	1.104795	0.374051	2.953597	0.003924	0.073627	1
ENSG0000	remission	Inflamed	GMPPB	protein_cc chr3	49754277	49761384	-	6742	534.6396	0	-0.39919	0.135164	-2.95338	0.003926	0.073627	1
ENSG0000	remission	Inflamed	RP11-404F	antisense chr14	96725748	96734961	-	738	1.427208	0.696897	0.450937	0.152734	2.952434	0.003937	0.073781	1
ENSG0000	remission	Inflamed	UBE2E2	protein_cc chr3	23244511	23633284	+	3272	265.0477	0	-0.6293	0.213208	-2.95158	0.003947	0.073798	1
ENSG0000	remission	Inflamed	RP11-1151	antisense chr18	56202647	56205784	+	2553	11.7852	0.069212	0.749204	0.253877	2.951053	0.003954	0.073798	1
ENSG0000	remission	Inflamed	USP30-AS1	antisense chr12	1.09E+08	1.09E+08	-	656	108.3222	0	-0.61664	0.208968	-2.95086	0.003956	0.073798	1
ENSG0000	remission	Inflamed	RP11-503E	antisense chr8	42392672	42393447	-	708	22.03341	0.093079	1.120024	0.379598	2.950551	0.00396	0.073798	1
ENSG0000	remission	Inflamed	CD274	protein_cc chr9	5450503	5470566	+	4108	542.1169	0	-1.19414	0.40476	-2.95025	0.003963	0.073798	1
ENSG0000	remission	Inflamed	MTMR8	protein_cc chrX	63444187	63615333	-	3813	63.94749	0.004773	0.724403	0.245544	2.950201	0.003964	0.073798	1
ENSG0000	remission	Inflamed	AKR1B1	protein_cc chr7	1.34E+08	1.34E+08	-	3660	1581.53	0	-0.76034	0.257731	-2.95015	0.003964	0.073798	1
ENSG0000	remission	Inflamed	TNFAIP8L2	protein_cc chr1	1.51E+08	1.51E+08	+	1178	208.6778	0	-0.66129	0.224159	-2.9501	0.003965	0.073798	1
ENSG0000	remission	Inflamed	RP11-569A	antisense chr1	2.03E+08	2.03E+08	+	314	8.217184	0.133652	0.795418	0.269626	2.95008	0.003965	0.073798	1
ENSG0000	remission	Inflamed	HSBP1L1	protein_cc chr18	77724561	77730822	+	2056	898.315	0	0.579247	0.196357	2.949965	0.003966	0.073798	1
ENSG0000	remission	Inflamed	AC010525	lincRNA chr19	56207251	56209196	+	537	33.59666	0.038186	0.891636	0.302291	2.949597	0.003971	0.073827	1
ENSG0000	remission	Inflamed	IGKV2-28	IG_V_gene chr2	89521179	89521942	-	390	844.1313	0.002387	-1.40612	0.476893	-2.9485	0.003984	0.073987	1
ENSG0000	remission	Inflamed	RP3-406A	lincRNA chr6	1.37E+08	1.37E+08	-	374	35.61575	0	0.892567	0.302735	2.948348	0.003986	0.073987	1
ENSG0000	remission	Inflamed	CETP	protein_cc chr16	56995762	57017757	+	2085	75.50835	0.00716	-1.04517	0.354517	-2.94815	0.003988	0.073987	1
ENSG0000	remission	Inflamed	OLIG1	protein_cc chr21	34442450	34444726	+	2277	35.39618	0.0358	-1.18978	0.403629	-2.94769	0.003993	0.074036	1
ENSG0000	remission	Inflamed	SPATA20P	pseudoger chr21	39610149	39610586	-	438	2.682578	0.687351	-0.92422	0.313634	-2.9468	0.004004	0.074131	1
ENSG0000	remission	Inflamed	CTC-349C	protein_cc chr5	1.34E+08	1.35E+08	+	5007	56.00239	0.004773	0.623425	0.211561	2.946787	0.004004	0.074131	1
ENSG0000	remission	Inflamed	LRWD1	protein_cc chr7	1.02E+08	1.02E+08	+	5926	948.2458	0	-0.35219	0.119594	-2.94488	0.004027	0.074484	1
ENSG0000	remission	Inflamed	MIR223	miRNA chrX	65238712	65238821	+	110	11.34368	0.178998	-1.09201	0.370836	-2.94471	0.004029	0.074484	1
ENSG0000	remission	Inflamed	CA12	protein_cc chr15	63613577	63674360	-	7313	16402.57	0	0.861744	0.29267	2.944421	0.004032	0.074496	1
ENSG0000	remission	Inflamed	ACAN	protein_cc chr15	89346674	89418585	+	10908	51.64678	0.078759	-1.49635	0.508407	-2.94321	0.004047	0.074699	1
ENSG0000	remission	Inflamed	RETN	protein_cc chr19	7733930	7735334	+	514	5.023866	0.439141	-1.02653	0.348802	-2.94303	0.004049	0.074699	1
ENSG0000	remission	Inflamed	GYPC	protein_cc chr2	1.27E+08	1.27E+08	+	3237	786.1933	0	-0.82907	0.281749	-2.94259	0.004054	0.074714	1
ENSG0000	remission	Inflamed	SURF4	protein_cc chr9	1.36E+08	1.36E+08	-	3229	14527.57	0	-0.2869	0.097506	-2.94238	0.004057	0.074714	1
ENSG0000	remission	Inflamed	IGKV1D-43	IG_V_gene chr2	90248739	90249395	+	532	18.03103	0.121718	-1.1549	0.392532	-2.94218	0.004059	0.074714	1
ENSG0000	remission	Inflamed	FAM101A	protein_cc chr12	1.24E+08	1.25E+08	+	2969	1472.277	0	0.8674	0.294832	2.942017	0.004061	0.074714	1
ENSG0000	remission	Inflamed	HEY2	protein_cc chr6	1.26E+08	1.26E+08	+	2741	56.81146	0.004773	-0.79089	0.268883	-2.94137	0.004069	0.074805	1
ENSG0000	remission	Inflamed	AC114812	pseudoger chr2	2.35E+08	2.35E+08	+	757	1.260143	0.704057	0.490872	0.166899	2.941126	0.004072	0.074807	1
ENSG0000	remission	Inflamed	PRAF2	protein_cc chrX	48928813	48931730	-	1738	457.8329	0	-0.58546	0.199131	-2.94008	0.004085	0.074988	1
ENSG0000	remission	Inflamed	RP11-689E	antisense chr12	1.09E+08	1.09E+08	+	859	31.35322	0.02864	-1.05409	0.358568	-2.93973	0.004089	0.074989	1
ENSG0000	remission	Inflamed	UBE2M	protein_cc chr19	59067079	59070327	-	1831	1821.993	0	-0.2772	0.094303	-2.93947	0.004092	0.074989	1
ENSG0000	remission	Inflamed	PDZK1IP1	protein_cc chr1	47649265	47656716	-	1438	5309.575	0	-1.24827	0.424729	-2.93897	0.004098	0.074989	1
ENSG0000	remission	Inflamed	SNORA60	snoRNA chr20	37078013	37078146	+	134	4.670644	0.205251	0.62061	0.211176	2.938833	0.0041	0.074989	1
ENSG0000	remission	Inflamed	CES2	protein_cc chr16	66968347	66978999	+	5343	21055.9	0	0.857719	0.291894	2.938456	0.004104	0.074989	1
ENSG0000	remission	Inflamed	FAM101B	protein_cc chr17	289769	295730	-	3621	1470.286	0	-0.58799	0.20014	-2.9379	0.004111	0.074989	1
ENSG0000	remission	Inflamed	MT-CO2	protein_cc chrM	7586	8269	+	684	850853.2	0	0.5199	0.176971	2.937767	0.004113	0.074989	1

ENSG0000	remission	Inflamed	MT-TF	Mt_tRNA	chrM	577	647	+	71	278.9666	0	0.987219	0.336056	2.937658	0.004114	0.074989	1
ENSG0000	remission	Inflamed	IGLC3	IG_C_gene	chr22	23248512	23248973	+	462	44799.05	0	-1.31839	0.448824	-2.93744	0.004117	0.074989	1
ENSG0000	remission	Inflamed	HLA-DOB	protein_cc	chr6	32780540	32784825	-	1858	252.2601	0	-1.03722	0.353123	-2.93729	0.004118	0.074989	1
ENSG0000	remission	Inflamed	MT-TA	Mt_tRNA	chrM	5587	5655	-	69	6.608592	0.126492	0.647409	0.220416	2.937209	0.004119	0.074989	1
ENSG0000	remission	Inflamed	SLAMF7	protein_cc	chr1	1.61E+08	1.61E+08	+	4604	3738.169	0	-0.91857	0.312771	-2.93689	0.004123	0.074989	1
ENSG0000	remission	Inflamed	SPHK1	protein_cc	chr17	74372665	74383941	+	4416	570.2649	0	-1.01782	0.346611	-2.93648	0.004128	0.074989	1
ENSG0000	remission	Inflamed	AC112721	lincRNA	chr2	2.38E+08	2.38E+08	-	541	4.224344	0.408115	-0.85572	0.291431	-2.93627	0.004131	0.074989	1
ENSG0000	remission	Inflamed	MFSD12	protein_cc	chr19	3538259	3574288	-	5277	2531.442	0	-0.46201	0.157374	-2.93575	0.004137	0.074989	1
ENSG0000	remission	Inflamed	FFAR3	protein_cc	chr19	35849362	35851387	+	1855	15.69451	0.157518	-1.14797	0.391055	-2.93556	0.00414	0.074989	1
ENSG0000	remission	Inflamed	IGHV3-33	IG_V_gene	chr14	1.07E+08	1.07E+08	-	431	5696.236	0	-1.52949	0.521029	-2.93551	0.00414	0.074989	1
ENSG0000	remission	Inflamed	RP11-7601	lincRNA	chr8	1.21E+08	1.21E+08	+	752	27.79475	0.0358	0.828675	0.282322	2.935208	0.004144	0.074989	1
ENSG0000	remission	Inflamed	GALNT2	protein_cc	chr1	2.3E+08	2.3E+08	+	7944	6470.134	0	-0.42776	0.145738	-2.93509	0.004145	0.074989	1
ENSG0000	remission	Inflamed	CCT4P2	pseudoger	chrX	64490793	64492899	+	1548	1.200477	0.701671	0.479164	0.163262	2.934942	0.004147	0.074989	1
ENSG0000	remission	Inflamed	AC016683	antisense	chr2	1.14E+08	1.14E+08	-	1074	1.22673	0.708831	-0.46969	0.160063	-2.93442	0.004154	0.074989	1
ENSG0000	remission	Inflamed	LCN15	protein_cc	chr9	1.4E+08	1.4E+08	-	2887	28.99523	0.126492	1.169553	0.398569	2.934378	0.004154	0.074989	1
ENSG0000	remission	Inflamed	LMAN2	protein_cc	chr5	1.77E+08	1.77E+08	-	2357	6333.258	0	-0.24313	0.082861	-2.9342	0.004156	0.074989	1
ENSG0000	remission	Inflamed	NIPAL2	protein_cc	chr8	99202061	99306621	-	5599	1763.859	0	0.804129	0.274096	2.933745	0.004162	0.074989	1
ENSG0000	remission	Inflamed	VNN1	protein_cc	chr6	1.33E+08	1.33E+08	-	3106	994.7494	0	-1.61188	0.549441	-2.93368	0.004163	0.074989	1
ENSG0000	remission	Inflamed	MIR4461	pseudoger	chr5	1.34E+08	1.34E+08	-	297	6.193317	0.381862	0.672954	0.229408	2.933442	0.004166	0.074989	1
ENSG0000	remission	Inflamed	TPPP2	protein_cc	chr14	21492268	21504435	+	2475	4.73031	0.334129	0.603574	0.205763	2.93334	0.004167	0.074989	1
ENSG0000	remission	Inflamed	MEDAG	protein_cc	chr13	31480328	31499709	+	2374	188.2864	0.026253	-1.61766	0.55148	-2.93331	0.004167	0.074989	1
ENSG0000	remission	Inflamed	IGLV3-19	IG_V_gene	chr22	23063108	23063630	+	377	8891.539	0	-1.35929	0.4634	-2.9333	0.004167	0.074989	1
ENSG0000	remission	Inflamed	NCF1C	pseudoger	chr7	74572445	74587848	-	1892	271.4606	0	-0.89586	0.305435	-2.93307	0.00417	0.074989	1
ENSG0000	remission	Inflamed	ST6GALNA	protein_cc	chr9	1.31E+08	1.31E+08	-	2630	1968.535	0	-0.48349	0.164857	-2.93281	0.004173	0.074996	1
ENSG0000	remission	Inflamed	RP11-3861	lincRNA	chr15	93138790	93139692	-	374	5.651551	0.303103	0.875958	0.298721	2.932362	0.004179	0.075044	1
ENSG0000	remission	Inflamed	DDX50P1	pseudoger	chr2	32426669	32429068	+	2400	10.26253	0.097852	0.82952	0.282919	2.932003	0.004183	0.075072	1
ENSG0000	remission	Inflamed	MSTN	protein_cc	chr2	1.91E+08	1.91E+08	-	2822	4.653938	0.26253	0.758852	0.258839	2.931749	0.004187	0.075075	1
ENSG0000	remission	Inflamed	RP1-229K2	pseudoger	chr6	41237613	41237977	-	365	4.756563	0.596659	-1.08766	0.371019	-2.93153	0.004189	0.075075	1
ENSG0000	remission	Inflamed	DCSTAMP	protein_cc	chr8	1.05E+08	1.05E+08	+	2778	13.08592	0.224344	-1.10416	0.37674	-2.93084	0.004198	0.075178	1
ENSG0000	remission	Inflamed	ABCA8	protein_cc	chr17	66863433	66951533	-	11288	614.3747	0.004773	1.279258	0.436767	2.928926	0.004222	0.075473	1
ENSG0000	remission	Inflamed	ANK1	protein_cc	chr8	41510739	41754280	-	10799	186.5561	0.009547	-1.1235	0.383592	-2.92891	0.004222	0.075473	1
ENSG0000	remission	Inflamed	RP11-757F	antisense	chr3	1.12E+08	1.12E+08	+	1937	106.1122	0.016706	1.355861	0.462966	2.928641	0.004225	0.075473	1
ENSG0000	remission	Inflamed	DNASE2	protein_cc	chr19	12986025	12992282	-	2389	1516.069	0	-0.36311	0.12399	-2.92856	0.004226	0.075473	1
ENSG0000	remission	Inflamed	RP11-434I	pseudoger	chr17	20458284	20462723	-	739	1.064439	0.74463	0.435015	0.148552	2.928363	0.004229	0.075473	1
ENSG0000	remission	Inflamed	RP5-894D1	lincRNA	chr6	1.71E+08	1.71E+08	-	1953	5.312649	0.145585	0.667637	0.228026	2.927903	0.004234	0.075504	1
ENSG0000	remission	Inflamed	ATF4P3	pseudoger	chr17	74221832	74222887	-	1056	21.53461	0	-0.5044	0.172298	-2.92747	0.00424	0.075504	1
ENSG0000	remission	Inflamed	CECR3	processed	chr22	17737749	17747623	-	1915	2.162291	0.556086	0.562945	0.192313	2.927239	0.004243	0.075504	1
ENSG0000	remission	Inflamed	RP11-297M	lincRNA	chr16	9847272	9851895	-	4624	12.01909	0.157518	0.980992	0.335138	2.927131	0.004244	0.075504	1
ENSG0000	remission	Inflamed	RAG1	protein_cc	chr11	36532259	36614706	+	7815	61.53938	0.009547	0.814763	0.278354	2.927076	0.004245	0.075504	1
ENSG0000	remission	Inflamed	C17orf50	protein_cc	chr17	34087916	34092098	+	1063	1.53222	0.591885	0.386489	0.132067	2.926449	0.004253	0.075513	1

ENSG0000	remission	Inflamed	SYT7	protein_cc	chr11	61282785	61348620	-	5953	1333.243	0	0.83835	0.286493	2.926251	0.004255	0.075513	1
ENSG0000	remission	Inflamed	RP11-483E	lincRNA	chr3	1.5E+08	1.5E+08	-	335	0.866348	0.785203	0.349137	0.119313	2.926229	0.004255	0.075513	1
ENSG0000	remission	Inflamed	NPY1R	protein_cc	chr4	1.64E+08	1.64E+08	-	4180	113.1074	0.00716	1.192673	0.407667	2.925602	0.004263	0.075513	1
ENSG0000	remission	Inflamed	PKM	protein_cc	chr15	72491370	72524164	-	8572	35795.57	0	-0.42764	0.146181	-2.92544	0.004265	0.075513	1
ENSG0000	remission	Inflamed	RP11-130L	lincRNA	chr2	20786008	20786446	-	439	3.713604	0.27685	0.636423	0.217556	2.925327	0.004267	0.075513	1
ENSG0000	remission	Inflamed	B4GALT3	protein_cc	chr1	1.61E+08	1.61E+08	-	3419	2035.883	0	-0.28876	0.098714	-2.92516	0.004269	0.075513	1
ENSG0000	remission	Inflamed	AC016747	processed_chr	2	61368732	61372104	-	3104	69.26253	0.002387	-0.82282	0.281298	-2.92508	0.00427	0.075513	1
ENSG0000	remission	Inflamed	MGC1095!	protein_cc	chr2	74361599	74362521	+	923	1.988067	0.653938	0.574663	0.196467	2.924982	0.004271	0.075513	1
ENSG0000	remission	Inflamed	ILDR2	protein_cc	chr1	1.67E+08	1.67E+08	-	8283	39.88783	0.02864	0.965243	0.330051	2.924525	0.004277	0.075564	1
ENSG0000	remission	Inflamed	RP11-1084	antisense	chr8	1.1E+08	1.1E+08	-	890	5.980907	0.295943	-0.86959	0.297435	-2.92362	0.004288	0.075716	1
ENSG0000	remission	Inflamed	RP13-494C	lincRNA	chr4	25866503	25871172	-	762	1.852029	0.577566	-0.59144	0.202339	-2.923	0.004296	0.075772	1
ENSG0000	remission	Inflamed	SLC7A11	protein_cc	chr4	1.39E+08	1.39E+08	-	9645	414.6754	0	-1.19497	0.408849	-2.92277	0.004299	0.075772	1
ENSG0000	remission	Inflamed	DUSP1	protein_cc	chr5	1.72E+08	1.72E+08	-	2019	4285.241	0	-0.95583	0.327042	-2.92266	0.004301	0.075772	1
ENSG0000	remission	Inflamed	IGKV4-1	IG_V_gene	chr2	89184913	89185669	+	538	24495.63	0	-1.41855	0.485431	-2.92224	0.004306	0.075772	1
ENSG0000	remission	Inflamed	RP11-383C	sense_intr	chr10	1.27E+08	1.27E+08	-	300	1.665871	0.579952	0.547178	0.187247	2.922234	0.004306	0.075772	1
ENSG0000	remission	Inflamed	ACOX2	protein_cc	chr3	58490863	58523046	-	3859	430.7637	0	0.681694	0.233442	2.920182	0.004332	0.076119	1
ENSG0000	remission	Inflamed	DUSP16	protein_cc	chr12	12628829	12715317	-	4039	1970.573	0	0.625512	0.214229	2.919831	0.004337	0.076119	1
ENSG0000	remission	Inflamed	PLA2G12A	protein_cc	chr4	1.11E+08	1.11E+08	-	5228	869.2196	0	0.486992	0.166788	2.919827	0.004337	0.076119	1
ENSG0000	remission	Inflamed	IGLV5-37	IG_V_gene	chr22	22781876	22782371	+	374	313.9833	0.059666	-1.71496	0.587372	-2.91972	0.004338	0.076119	1
ENSG0000	remission	Inflamed	CACNG6	protein_cc	chr19	54495542	54515923	+	1853	7.78043	0.188544	-0.9026	0.309204	-2.91911	0.004346	0.076119	1
ENSG0000	remission	Inflamed	CYP1B1-A5	antisense	chr2	38302791	38408997	+	4138	18.33652	0.040573	0.790627	0.270859	2.91896	0.004348	0.076119	1
ENSG0000	remission	Inflamed	SAP30	protein_cc	chr4	1.74E+08	1.74E+08	+	1320	224.3675	0	-0.41244	0.141317	-2.91856	0.004353	0.076119	1
ENSG0000	remission	Inflamed	KLK7	protein_cc	chr19	51479729	51487355	-	2443	218.1742	0.470167	-2.76742	0.94827	-2.91839	0.004355	0.076119	1
ENSG0000	remission	Inflamed	AC072052	pseudoger	chr7	6530424	6530729	-	306	5.947494	0.212411	0.736801	0.252507	2.917941	0.004361	0.076119	1
ENSG0000	remission	Inflamed	SCGB2A1	protein_cc	chr11	61976140	61981408	+	518	62.34368	0.023866	1.27329	0.436423	2.917557	0.004366	0.076119	1
ENSG0000	remission	Inflamed	FAM50A	protein_cc	chrX	1.54E+08	1.54E+08	+	2567	1663.391	0	-0.23128	0.079277	-2.91744	0.004367	0.076119	1
ENSG0000	remission	Inflamed	ZNF259P1	pseudoger	chr6	1.09E+08	1.09E+08	-	4928	2.155131	0.505967	0.580805	0.199084	2.917388	0.004368	0.076119	1
ENSG0000	remission	Inflamed	TLN2	protein_cc	chr15	62682725	63136830	+	16202	3527.637	0	0.617303	0.211614	2.917121	0.004371	0.076119	1
ENSG0000	remission	Inflamed	EHD3	protein_cc	chr2	31456880	31492313	+	4959	729.7136	0	-0.83487	0.286211	-2.91697	0.004373	0.076119	1
ENSG0000	remission	Inflamed	PTGDR	protein_cc	chr14	52734431	52743442	+	3033	367.7757	0	0.912165	0.312732	2.91676	0.004376	0.076119	1
ENSG0000	remission	Inflamed	PLEKHO2	protein_cc	chr15	65134088	65160206	+	3720	2532.547	0	-0.75	0.257147	-2.91663	0.004378	0.076119	1
ENSG0000	remission	Inflamed	WDR88	protein_cc	chr19	33622996	33666701	+	1841	1.224344	0.673031	0.427524	0.146587	2.916513	0.004379	0.076119	1
ENSG0000	remission	Inflamed	PGLYRP2	protein_cc	chr19	15579456	15609767	-	3188	8.539379	0.095465	-0.82159	0.28171	-2.91643	0.00438	0.076119	1
ENSG0000	remission	Inflamed	MAMDC2-	antisense	chr9	72700732	72790804	-	7244	12.03103	0.071599	0.828619	0.28413	2.916333	0.004382	0.076119	1
ENSG0000	remission	Inflamed	RHOU	protein_cc	chr1	2.29E+08	2.29E+08	+	4372	1569.408	0	0.925379	0.317335	2.916098	0.004385	0.076119	1
ENSG0000	remission	Inflamed	BCL3	protein_cc	chr19	45250962	45263301	+	3242	4723.692	0	-0.53463	0.18338	-2.91542	0.004393	0.076119	1
ENSG0000	remission	Inflamed	RP11-321C	lincRNA	chr15	63682335	63729347	+	1058	62.36277	0.052506	1.24739	0.427877	2.915301	0.004395	0.076119	1
ENSG0000	remission	Inflamed	RPS14P3	pseudoger	chr1	19934608	19935062	+	455	20.29833	0.01432	0.746446	0.256048	2.915255	0.004396	0.076119	1
ENSG0000	remission	Inflamed	SLC39A1	protein_cc	chr1	1.54E+08	1.54E+08	-	3246	3792.026	0	-0.26162	0.089744	-2.9152	0.004396	0.076119	1
ENSG0000	remission	Inflamed	DSCAML1	protein_cc	chr11	1.17E+08	1.18E+08	-	7035	78.03819	0.01432	1.070624	0.367286	2.91496	0.004399	0.076119	1

ENSG0000	remission	Inflamed	IGLC6	IG_C_pseu	chr22	23261707	23262023	+	317	240.6635	0.004773	-1.19286	0.40924	-2.91481	0.004401	0.076119	1
ENSG0000	remission	Inflamed	ALOX5AP	protein_cc	chr13	31309645	31338556	+	1344	519.6754	0	-0.83962	0.288072	-2.91461	0.004404	0.076119	1
ENSG0000	remission	Inflamed	TALDO1	protein_cc	chr11	747329	765024	+	3005	4768.74	0	-0.32713	0.11225	-2.91433	0.004408	0.076132	1
ENSG0000	remission	Inflamed	RP11-65J3	lincRNA	chr9	1.32E+08	1.32E+08	+	1594	52.17661	0	-0.86573	0.297109	-2.91383	0.004414	0.076193	1
ENSG0000	remission	Inflamed	RANGRF	protein_cc	chr17	8191815	8193410	+	1577	490.2005	0	-0.40154	0.137851	-2.91287	0.004426	0.076246	1
ENSG0000	remission	Inflamed	RP11-439E	sense_intr	chr1	2.47E+08	2.47E+08	+	1960	1.174224	0.704057	0.473891	0.162723	2.912255	0.004435	0.076246	1
ENSG0000	remission	Inflamed	INADL	protein_cc	chr1	62208149	62629592	+	11456	1918.893	0	0.819938	0.281555	2.912174	0.004436	0.076246	1
ENSG0000	remission	Inflamed	KBTD11-	lincRNA	chr8	1919563	1924644	+	815	46.86874	0.011933	0.816904	0.28052	2.912107	0.004436	0.076246	1
ENSG0000	remission	Inflamed	TNFAIP8L1	protein_cc	chr19	4639530	4655580	+	6667	966.3246	0	-0.48377	0.166124	-2.91208	0.004437	0.076246	1
ENSG0000	remission	Inflamed	SIRT5	protein_cc	chr6	13574816	13614790	+	5368	582.6468	0	0.431542	0.148207	2.911753	0.004441	0.076246	1
ENSG0000	remission	Inflamed	C1QA	protein_cc	chr1	22962999	22966101	+	1272	6434.263	0	-0.61599	0.211572	-2.91147	0.004445	0.076246	1
ENSG0000	remission	Inflamed	DEFB4B	protein_cc	chr8	7272382	7274385	-	332	5.224344	0.742243	-0.92631	0.318169	-2.91137	0.004446	0.076246	1
ENSG0000	remission	Inflamed	SUCLG2	protein_cc	chr3	67410884	67705038	-	3090	4987.007	0	0.643505	0.221044	2.911207	0.004448	0.076246	1
ENSG0000	remission	Inflamed	IGHV1-46	IG_V_gene	chr14	1.07E+08	1.07E+08	-	655	4421.845	0	-1.41018	0.484403	-2.91118	0.004449	0.076246	1
ENSG0000	remission	Inflamed	IGKV3-20	IG_V_gene	chr2	89442057	89442643	-	400	57836.42	0	-1.40048	0.481075	-2.91115	0.004449	0.076246	1
ENSG0000	remission	Inflamed	GADD45B	protein_cc	chr19	2476120	2478257	+	2138	763.4272	0	-0.70598	0.242533	-2.91084	0.004453	0.076268	1
ENSG0000	remission	Inflamed	KIAA1737	protein_cc	chr14	77564440	77583630	+	5300	1206.358	0	0.767801	0.263828	2.910235	0.004461	0.076354	1
ENSG0000	remission	Inflamed	NARF	protein_cc	chr17	80416056	80448413	+	7939	1648.599	0	-0.31301	0.107565	-2.90999	0.004464	0.07636	1
ENSG0000	remission	Inflamed	RP11-526A	lincRNA	chr4	1.5E+08	1.51E+08	-	2537	9.257757	0.243437	0.956398	0.328697	2.909665	0.004468	0.076382	1
ENSG0000	remission	Inflamed	C1orf122	protein_cc	chr1	38272651	38275126	+	2231	1201.451	0	-0.41104	0.141283	-2.90937	0.004472	0.0764	1
ENSG0000	remission	Inflamed	RABAC1	protein_cc	chr19	42460833	42463542	-	1999	2467.036	0	-0.46881	0.161171	-2.90875	0.004481	0.076435	1
ENSG0000	remission	Inflamed	MAP2K1P1	pseudoger	chr8	29885229	29886416	+	1188	1.355609	0.637232	-0.46831	0.161006	-2.90862	0.004482	0.076435	1
ENSG0000	remission	Inflamed	RP11-348A	antisense	chr10	1.13E+08	1.13E+08	+	1649	28.02387	0.073986	1.1315	0.389025	2.90855	0.004483	0.076435	1
ENSG0000	remission	Inflamed	OTOP3	protein_cc	chr17	72931814	72946087	+	2516	41.06205	0.171838	1.590991	0.547106	2.908011	0.00449	0.076465	1
ENSG0000	remission	Inflamed	AC024560	lincRNA	chr3	1.97E+08	1.97E+08	-	1471	9.902148	0.310263	0.810934	0.278868	2.907951	0.004491	0.076465	1
ENSG0000	remission	Inflamed	APOBEC3C	protein_cc	chr22	39436924	39483748	+	5496	619.2243	0	-0.73357	0.25228	-2.90775	0.004494	0.076465	1
ENSG0000	remission	Inflamed	RP11-188F	antisense	chr3	43388415	43389135	-	721	13.8926	0.097852	0.943593	0.324708	2.905971	0.004517	0.076793	1
ENSG0000	remission	Inflamed	RNA5SP43	rRNA	chr17	3960050	3960170	-	121	2.849642	0.424821	0.644466	0.221781	2.905861	0.004519	0.076793	1
ENSG0000	remission	Inflamed	ARHGEF9	protein_cc	chrX	62854847	63005426	-	6673	1037.296	0	0.565507	0.194668	2.904984	0.00453	0.076941	1
ENSG0000	remission	Inflamed	RP11-970A	sense_intr	chr15	89045175	89049018	-	3844	57.96181	0.040573	1.171979	0.403471	2.904741	0.004534	0.076946	1
ENSG0000	remission	Inflamed	LINC00842	lincRNA	chr10	47011753	47174018	-	4893	19.80668	0.026253	0.86257	0.297006	2.904216	0.004541	0.07696	1
ENSG0000	remission	Inflamed	NFKBIA	protein_cc	chr14	35870717	35873955	-	2373	4742.599	0	-0.59625	0.205314	-2.9041	0.004542	0.07696	1
ENSG0000	remission	Inflamed	IGLC2	IG_C_gene	chr22	23243156	23243617	+	462	43261.93	0	-1.41389	0.486874	-2.90402	0.004543	0.07696	1
ENSG0000	remission	Inflamed	CASS4	protein_cc	chr20	54987168	55034396	+	4025	240.5131	0.004773	-0.89958	0.309825	-2.9035	0.00455	0.076998	1
ENSG0000	remission	Inflamed	HES2	protein_cc	chr1	6472478	6484730	-	5407	1066.761	0	0.925372	0.318718	2.903416	0.004551	0.076998	1
ENSG0000	remission	Inflamed	POPDC3	protein_cc	chr6	1.06E+08	1.06E+08	-	1881	22.52029	0.293556	-1.39243	0.47965	-2.90301	0.004557	0.07704	1
ENSG0000	remission	Inflamed	FOS	protein_cc	chr14	75745477	75748933	+	3238	8625.709	0	-1.15853	0.399186	-2.90222	0.004567	0.077169	1
ENSG0000	remission	Inflamed	HYKK	protein_cc	chr15	78799906	78829714	+	2732	75.3747	0	0.438166	0.150988	2.901989	0.00457	0.077173	1
ENSG0000	remission	Inflamed	NLRP7	protein_cc	chr19	55434877	55477680	-	3914	52.89976	0.004773	-1.20107	0.414034	-2.90089	0.004585	0.077305	1
ENSG0000	remission	Inflamed	RP11-500C	antisense	chr6	17706488	17707575	+	1088	40.0358	0	-0.67363	0.232227	-2.90075	0.004587	0.077305	1

ENSG0000	remission	Inflamed	LEF1-AS1	processed_chr4	1.09E+08	1.09E+08	+	4799	9.637232	0.059666	-0.60886	0.209903	-2.90066	0.004588	0.077305	1
ENSG0000	remission	Inflamed	NWD1	protein_cc chr19	16830787	16928774	+	8470	68.0358	0.026253	1.124697	0.387756	2.900532	0.00459	0.077305	1
ENSG0000	remission	Inflamed	ZFP36	protein_cc chr19	39897453	39900052	+	2010	9882.673	0	-0.68936	0.237687	-2.90028	0.004594	0.077314	1
ENSG0000	remission	Inflamed	TSNARE1	protein_cc chr8	1.43E+08	1.43E+08	-	4060	454.5036	0	0.497849	0.171722	2.899159	0.004609	0.077314	1
ENSG0000	remission	Inflamed	RP1-191J1	antisense chr6	1.08E+08	1.08E+08	+	2574	15.63246	0.02864	-0.6545	0.225764	-2.89906	0.00461	0.077314	1
ENSG0000	remission	Inflamed	RP11-464F	antisense chr10	75413797	75434477	+	805	0.756563	0.792363	0.448279	0.154648	2.898716	0.004615	0.077314	1
ENSG0000	remission	Inflamed	CTA-398F1	lincRNA chr8	8314419	8318847	-	510	3.033413	0.386635	0.685045	0.236366	2.898236	0.004621	0.077314	1
ENSG0000	remission	Inflamed	SERPINA1	protein_cc chr14	94843084	94857030	-	4902	23503.42	0	-0.61919	0.213645	-2.89823	0.004621	0.077314	1
ENSG0000	remission	Inflamed	GDPD1	protein_cc chr17	57297828	57353328	+	2970	71.61098	0	0.599858	0.206997	2.897909	0.004626	0.077314	1
ENSG0000	remission	Inflamed	MKRN1	protein_cc chr7	1.4E+08	1.4E+08	-	5869	6197.358	0	0.448077	0.154621	2.897907	0.004626	0.077314	1
ENSG0000	remission	Inflamed	TPD52L2	protein_cc chr20	62496596	62522898	+	4679	4273.031	0	-0.25785	0.088984	-2.89776	0.004628	0.077314	1
ENSG0000	remission	Inflamed	POLR2L	protein_cc chr11	837356	842545	-	1142	2112.601	0	-0.45315	0.156385	-2.89764	0.004629	0.077314	1
ENSG0000	remission	Inflamed	BAIAP3	protein_cc chr16	1383602	1399439	+	6143	314.6158	0	0.756284	0.261002	2.897613	0.00463	0.077314	1
ENSG0000	remission	Inflamed	CTD-2049C	antisense chr16	27690261	27730104	-	1200	1.210024	0.701671	0.565418	0.195135	2.89757	0.00463	0.077314	1
ENSG0000	remission	Inflamed	SLC5A7	protein_cc chr2	1.09E+08	1.09E+08	+	5168	6.200477	0.305489	0.940237	0.324511	2.897394	0.004633	0.077314	1
ENSG0000	remission	Inflamed	IGKV1-27	IG_V_gene chr2	89512908	89513413	-	382	3866.976	0	-1.37149	0.473361	-2.89734	0.004633	0.077314	1
ENSG0000	remission	Inflamed	LINC00968	lincRNA chr8	57408805	57472382	-	2840	2.692124	0.522673	-0.78922	0.272403	-2.89723	0.004635	0.077314	1
ENSG0000	remission	Inflamed	MT1F	protein_cc chr16	56691606	56694610	+	1889	546.494	0	0.978607	0.337818	2.89685	0.00464	0.077353	1
ENSG0000	remission	Inflamed	IGHG1	IG_C_gene chr14	1.06E+08	1.06E+08	-	2762	647100.2	0	-1.93072	0.666736	-2.89577	0.004655	0.077548	1
ENSG0000	remission	Inflamed	TFPI2	protein_cc chr7	93514709	93520303	-	2663	559.2768	0.009547	-1.66924	0.576652	-2.89471	0.004669	0.077709	1
ENSG0000	remission	Inflamed	RP11-22C1	antisense chr8	95649513	95651695	-	2183	73.17184	0.011933	0.880617	0.304224	2.894634	0.00467	0.077709	1
ENSG0000	remission	Inflamed	KLRG2	protein_cc chr7	1.39E+08	1.39E+08	-	2197	5.002387	0.484487	1.170438	0.404408	2.894199	0.004676	0.077759	1
ENSG0000	remission	Inflamed	RENBP	protein_cc chrX	1.53E+08	1.53E+08	-	2146	345.1408	0	-0.51786	0.178993	-2.89315	0.004691	0.077949	1
ENSG0000	remission	Inflamed	AD000684	sense_intr chr19	35753749	35755707	+	1016	30.82578	0.040573	0.838562	0.289993	2.89166	0.004711	0.078197	1
ENSG0000	remission	Inflamed	AK4P4	pseudoger chr9	5855781	5856426	-	646	1.026253	0.718377	0.44101	0.152514	2.891597	0.004712	0.078197	1
ENSG0000	remission	Inflamed	RP11-395F	antisense chr9	1.31E+08	1.31E+08	-	745	350.1862	0	0.785375	0.271623	2.891421	0.004714	0.078197	1
ENSG0000	remission	Inflamed	C1QTNF1-1	protein_cc chr17	77015291	77023737	-	966	7.563246	0.307876	0.881648	0.304942	2.891199	0.004718	0.078199	1
ENSG0000	remission	Inflamed	RP1-1700	lincRNA chr7	27226192	27233067	-	556	48.48449	0.054893	0.837357	0.289652	2.890906	0.004722	0.078217	1
ENSG0000	remission	Inflamed	LUCAT1	lincRNA chr5	90598846	90610219	-	2904	88.7685	0.176611	-1.82819	0.632499	-2.89043	0.004728	0.078277	1
ENSG0000	remission	Inflamed	RP11-103J	lincRNA chr20	10981952	10982411	+	460	2.319809	0.560859	0.586027	0.202777	2.890001	0.004734	0.078314	1
ENSG0000	remission	Inflamed	SLC31A2	protein_cc chr9	1.16E+08	1.16E+08	+	2504	551.9642	0	-0.46326	0.160306	-2.88984	0.004736	0.078314	1
ENSG0000	remission	Inflamed	RP5-881L2	antisense chr20	42976192	42983825	-	906	170.3938	0.009547	1.178273	0.407808	2.889283	0.004744	0.078392	1
ENSG0000	remission	Inflamed	SERPINH1	protein_cc chr11	75273101	75283828	+	4914	5761.453	0	-0.62484	0.216306	-2.8887	0.004752	0.07847	1
ENSG0000	remission	Inflamed	RP11-557F	lincRNA chr6	1.35E+08	1.35E+08	-	1404	6.51074	0.159905	-0.69934	0.24211	-2.88852	0.004755	0.07847	1
ENSG0000	remission	Inflamed	C4orf50	protein_cc chr4	5958845	5991545	-	4557	12.61337	0.286396	-1.16378	0.403018	-2.88766	0.004767	0.078604	1
ENSG0000	remission	Inflamed	RP11-4712	lincRNA chr14	62023031	62037371	-	5148	22.73747	0.112172	-1.13965	0.394685	-2.8875	0.004769	0.078604	1
ENSG0000	remission	Inflamed	TRIM10	protein_cc chr6	30119722	30128711	-	3546	304.9952	0.00716	0.966685	0.334902	2.886469	0.004783	0.078747	1
ENSG0000	remission	Inflamed	SH3D19	protein_cc chr4	1.52E+08	1.52E+08	-	7789	4999.038	0	0.638748	0.221292	2.886454	0.004784	0.078747	1
ENSG0000	remission	Inflamed	SEC14L5	protein_cc chr16	5008318	5069159	+	6477	74.39857	0.01432	1.250187	0.43327	2.88547	0.004797	0.07886	1
ENSG0000	remission	Inflamed	RP11-290F	lincRNA chr20	48909257	48931459	+	3014	32.46778	0.019093	-0.91847	0.318309	-2.88545	0.004798	0.07886	1

ENSG0000	remission	Inflamed	DEGS1	protein_cc chr1	2.24E+08	2.24E+08	+	2515	1337.604	0	-0.45903	0.159093	-2.88532	0.004799	0.07886	1
ENSG0000	remission	Inflamed	RP11-351J	lincRNA chr6	1.68E+08	1.68E+08	-	2557	25.69212	0.01432	0.769744	0.266812	2.884967	0.004804	0.078893	1
ENSG0000	remission	Inflamed	RRN3P3	pseudoger chr16	22430090	22449036	-	3269	278.7017	0	0.541643	0.187791	2.884284	0.004814	0.078916	1
ENSG0000	remission	Inflamed	AC087380	pseudoger chr11	5539671	5546185	-	1478	4.98568	0.23389	0.691486	0.239748	2.88422	0.004815	0.078916	1
ENSG0000	remission	Inflamed	SIGLEC10	protein_cc chr19	51913275	51921057	-	3667	1314.695	0	-0.69407	0.240662	-2.88402	0.004818	0.078916	1
ENSG0000	remission	Inflamed	FOXS1	protein_cc chr20	30432103	30433420	-	1318	60.91408	0.004773	-0.98618	0.341969	-2.88383	0.00482	0.078916	1
ENSG0000	remission	Inflamed	PDK2	protein_cc chr17	48172101	48189516	+	5481	1912.814	0	0.560099	0.194222	2.883802	0.004821	0.078916	1
ENSG0000	remission	Inflamed	CTD-2619J	antisense chr19	58873951	58877958	+	790	8.909308	0.097852	0.669092	0.232116	2.882577	0.004838	0.079143	1
ENSG0000	remission	Inflamed	CTD-2545I	lincRNA chr19	50990067	50990895	-	626	7.434368	0.181384	-0.88745	0.307888	-2.88239	0.004841	0.079143	1
ENSG0000	remission	Inflamed	UROS	protein_cc chr10	1.27E+08	1.28E+08	-	4070	815.673	0	-0.30599	0.106177	-2.88187	0.004848	0.079177	1
ENSG0000	remission	Inflamed	C19orf35	protein_cc chr19	2274631	2282181	-	2767	75.22196	0.002387	-0.8326	0.288921	-2.88175	0.00485	0.079177	1
ENSG0000	remission	Inflamed	FAM110D	protein_cc chr1	26485511	26489119	+	1524	131.2005	0	-0.78939	0.274004	-2.88097	0.004861	0.079177	1
ENSG0000	remission	Inflamed	MT-ND6	protein_cc chrM	14149	14673	-	525	5315.652	0	0.747083	0.259325	2.880876	0.004862	0.079177	1
ENSG0000	remission	Inflamed	ENPP7P4	pseudoger chr3	1.26E+08	1.26E+08	+	1086	7.799523	0.167064	0.932003	0.323519	2.880832	0.004863	0.079177	1
ENSG0000	remission	Inflamed	GPR141	protein_cc chr7	37723399	37873390	+	2312	42.99523	0.009547	-0.76538	0.265682	-2.88083	0.004863	0.079177	1
ENSG0000	remission	Inflamed	RP11-245J	antisense chr3	64005184	64005601	+	418	3.178998	0.341289	0.622395	0.216087	2.88029	0.004871	0.079177	1
ENSG0000	remission	Inflamed	PI3	protein_cc chr20	43803517	43805185	+	577	16065.03	0	-1.54444	0.536215	-2.88027	0.004871	0.079177	1
ENSG0000	remission	Inflamed	OLIG2	protein_cc chr21	34398153	34401504	+	3352	25.35561	0.064439	-1.05603	0.366644	-2.88025	0.004871	0.079177	1
ENSG0000	remission	Inflamed	FAM167A	protein_cc chr8	11278972	11332224	-	5033	340.0263	0	-0.93942	0.326186	-2.88001	0.004874	0.079177	1
ENSG0000	remission	Inflamed	SLC10A5	protein_cc chr8	82605842	82608409	-	2568	54.09069	0.009547	1.072129	0.37228	2.879901	0.004876	0.079177	1
ENSG0000	remission	Inflamed	LYSMD2	protein_cc chr15	52015208	52043782	-	2074	327.7661	0	-0.49625	0.172326	-2.8797	0.004879	0.079177	1
ENSG0000	remission	Inflamed	AL049840.	protein_cc chr14	1.04E+08	1.04E+08	+	1543	65.50597	0.002387	0.524988	0.182366	2.878767	0.004892	0.079345	1
ENSG0000	remission	Inflamed	SCO2	protein_cc chr22	50961997	50964868	-	1361	1166.986	0	-0.33267	0.115578	-2.87833	0.004898	0.079397	1
ENSG0000	remission	Inflamed	IGKV2D-4C	IG_V_gene chr2	89890601	89891307	+	336	708.8735	0.00716	-1.7289	0.600775	-2.87778	0.004906	0.079444	1
ENSG0000	remission	Inflamed	DRAP1	protein_cc chr11	65686728	65689032	+	1737	1518.384	0	-0.35526	0.123457	-2.8776	0.004909	0.079444	1
ENSG0000	remission	Inflamed	VWA5B1	protein_cc chr1	20617412	20681387	+	6377	12.77804	0.212411	0.92795	0.322498	2.877385	0.004912	0.079444	1
ENSG0000	remission	Inflamed	C3orf36	protein_cc chr3	1.34E+08	1.34E+08	-	1665	65.07876	0.019093	-0.84454	0.293519	-2.87729	0.004914	0.079444	1
ENSG0000	remission	Inflamed	IGLV3-24	IG_V_pseu chr22	23036924	23037437	+	197	7.229117	0.329356	-1.00117	0.348034	-2.87664	0.004923	0.079526	1
ENSG0000	remission	Inflamed	PCDH17	protein_cc chr13	58205944	58303445	+	8242	323.074	0.00716	-1.06199	0.369203	-2.87645	0.004926	0.079526	1
ENSG0000	remission	Inflamed	SHBG	protein_cc chr17	7517382	7536700	+	1812	10.3389	0.057279	-0.66262	0.230371	-2.8763	0.004928	0.079526	1
ENSG0000	remission	Inflamed	PMM1	protein_cc chr22	41972898	41985894	-	5082	1107.749	0	0.441562	0.153536	2.875947	0.004933	0.07956	1
ENSG0000	remission	Inflamed	CSRNP1	protein_cc chr3	39183346	39196053	-	3214	1912.31	0	-0.6823	0.237285	-2.87544	0.00494	0.079629	1
ENSG0000	remission	Inflamed	NOS2	protein_cc chr17	26083792	26127525	-	4176	14841.25	0	-1.74299	0.606494	-2.87388	0.004963	0.079777	1
ENSG0000	remission	Inflamed	CBR3	protein_cc chr21	37507210	37518864	+	1169	142.821	0	-0.68102	0.236992	-2.8736	0.004967	0.079777	1
ENSG0000	remission	Inflamed	SYNE2	protein_cc chr14	64319683	64693165	+	31405	4259.601	0	0.650408	0.226341	2.873572	0.004967	0.079777	1
ENSG0000	remission	Inflamed	IGLV7-43	IG_V_gene chr22	22749356	22749827	+	385	2570.928	0.002387	-1.41686	0.493082	-2.87347	0.004969	0.079777	1
ENSG0000	remission	Inflamed	RP1-80N2.	lincRNA chr6	6680542	6683866	-	3325	59.87351	0.026253	1.077391	0.374954	2.873397	0.00497	0.079777	1
ENSG0000	remission	Inflamed	PPP1R18	protein_cc chr6	30644166	30655672	-	4599	3992.143	0	-0.78241	0.272295	-2.87339	0.00497	0.079777	1
ENSG0000	remission	Inflamed	SIDT1	protein_cc chr3	1.13E+08	1.13E+08	+	8072	1481.117	0	0.625521	0.217699	2.873334	0.004971	0.079777	1
ENSG0000	remission	Inflamed	PSMB6	protein_cc chr17	4699439	4701790	+	1420	1897.647	0	-0.36953	0.128618	-2.87311	0.004974	0.079781	1

ENSG0000	remission	Inflamed	BCL2L12	protein_cc chr19	50168823	50177173	+	1743	494.8496	0	-0.4003	0.139406	-2.87146	0.004998	0.079987	1
ENSG0000	remission	Inflamed	TOM1L1	protein_cc chr17	52976748	53039310	+	7268	980.4797	0	0.666717	0.232208	2.8712	0.005002	0.079987	1
ENSG0000	remission	Inflamed	HDAC1P1	pseudoger chr10	95897505	95899257	+	1445	2.832936	0.424821	0.619702	0.215845	2.871054	0.005004	0.079987	1
ENSG0000	remission	Inflamed	AC073072	antisense chr7	22765014	22767239	-	1364	6.054893	0.357995	-0.90184	0.314137	-2.87085	0.005007	0.079987	1
ENSG0000	remission	Inflamed	RNU6-678	snRNA chr3	1.33E+08	1.33E+08	+	100	1.281623	0.653938	0.430897	0.150099	2.87076	0.005008	0.079987	1
ENSG0000	remission	Inflamed	CTSV	protein_cc chr9	99794940	99801925	-	1721	112.4368	0.004773	1.159045	0.403842	2.870042	0.005018	0.079987	1
ENSG0000	remission	Inflamed	TPRG1L	protein_cc chr1	3541566	3546691	+	2414	3689.589	0	0.350018	0.121964	2.869838	0.005021	0.079987	1
ENSG0000	remission	Inflamed	CARD14	protein_cc chr17	78143791	78183130	+	8232	161.5394	0	-0.99987	0.348407	-2.86983	0.005022	0.079987	1
ENSG0000	remission	Inflamed	REPS2	protein_cc chrX	16964814	17171395	+	11361	833.9976	0	0.517221	0.180235	2.869711	0.005023	0.079987	1
ENSG0000	remission	Inflamed	C7orf41	protein_cc chr7	30174426	30202378	+	6532	580.8735	0	0.605794	0.211122	2.869409	0.005028	0.079987	1
ENSG0000	remission	Inflamed	CTA-150C	lincRNA chr22	39317232	39320713	+	678	3.145585	0.556086	0.62503	0.217837	2.869253	0.00503	0.079987	1
ENSG0000	remission	Inflamed	IL21R	protein_cc chr16	27413483	27462115	+	4219	662.5274	0	-1.09116	0.380303	-2.8692	0.005031	0.079987	1
ENSG0000	remission	Inflamed	ADPRHL1	protein_cc chr13	1.14E+08	1.14E+08	-	2308	134.179	0	0.494852	0.172473	2.869164	0.005031	0.079987	1
ENSG0000	remission	Inflamed	RNASEH2A	protein_cc chr19	12917394	12924452	+	2039	429.7924	0	-0.3713	0.12942	-2.86893	0.005035	0.079987	1
ENSG0000	remission	Inflamed	C17orf62	protein_cc chr17	80400465	80408705	-	7234	4668.866	0	-0.4604	0.160503	-2.86852	0.005041	0.079987	1
ENSG0000	remission	Inflamed	CD38	protein_cc chr4	15779898	15854853	+	6855	1144.84	0	-1.0877	0.37921	-2.86834	0.005043	0.079987	1
ENSG0000	remission	Inflamed	SLC17A8	protein_cc chr12	1.01E+08	1.01E+08	+	4272	43.3747	0.126492	1.329378	0.463477	2.86827	0.005044	0.079987	1
ENSG0000	remission	Inflamed	VTCN1	protein_cc chr1	1.18E+08	1.18E+08	-	3001	3.546539	0.587112	-1.01194	0.352817	-2.86817	0.005046	0.079987	1
ENSG0000	remission	Inflamed	THNSL1	protein_cc chr10	25305587	25315593	+	3788	148.5298	0	0.620968	0.216507	2.868119	0.005047	0.079987	1
ENSG0000	remission	Inflamed	IGKV3D-7	IG_V_gene chr2	90273679	90274235	+	382	18.58473	0.069212	-1.10926	0.386765	-2.86804	0.005048	0.079987	1
ENSG0000	remission	Inflamed	SAA4	protein_cc chr11	18252896	18258440	-	727	8.847255	0.463007	-1.24184	0.43302	-2.86786	0.005051	0.079987	1
ENSG0000	remission	Inflamed	EVA1B	protein_cc chr1	36787632	36789755	-	1211	446.8138	0	-0.85842	0.299359	-2.86751	0.005056	0.080019	1
ENSG0000	remission	Inflamed	NDUFA6-A	processed_chr22	42486935	42535286	+	6653	176.685	0	0.421357	0.146965	2.867055	0.005062	0.080078	1
ENSG0000	remission	Inflamed	C17orf49	protein_cc chr17	6917814	6920844	+	2628	260.6134	0	-0.36017	0.125669	-2.86598	0.005078	0.080282	1
ENSG0000	remission	Inflamed	IL10	protein_cc chr1	2.07E+08	2.07E+08	-	1978	50.62053	0	-0.82034	0.28628	-2.8655	0.005085	0.080315	1
ENSG0000	remission	Inflamed	C14orf93	protein_cc chr14	23456110	23479375	-	3250	394.957	0	0.281853	0.098364	2.865403	0.005087	0.080315	1
ENSG0000	remission	Inflamed	RNU6-140	snRNA chr19	39287642	39287749	-	108	9.083532	0.190931	0.868819	0.303264	2.864893	0.005094	0.080315	1
ENSG0000	remission	Inflamed	IGKV2-24	IG_V_gene chr2	89475812	89476644	-	390	3608.019	0.002387	-1.39718	0.487693	-2.86488	0.005094	0.080315	1
ENSG0000	remission	Inflamed	SNN	protein_cc chr16	11762270	11773015	+	3312	995.8496	0	-0.61066	0.213161	-2.86481	0.005096	0.080315	1
ENSG0000	remission	Inflamed	CHN2	protein_cc chr7	29161890	29553944	+	10853	449.2888	0	0.741785	0.259026	2.863748	0.005111	0.080514	1
ENSG0000	remission	Inflamed	CDKN2C	protein_cc chr1	51426417	51440305	+	3318	458.9332	0	-0.39978	0.139627	-2.8632	0.00512	0.080593	1
ENSG0000	remission	Inflamed	RP11-106C	lincRNA chr12	94338817	94341589	+	2773	2.264916	0.455847	0.550762	0.192372	2.862998	0.005123	0.080593	1
ENSG0000	remission	Inflamed	C2ORF15	protein_cc chr2	99757948	99767950	+	2098	37.69928	0.002387	0.609346	0.212851	2.862783	0.005126	0.080596	1
ENSG0000	remission	Inflamed	RAPGEFL1	protein_cc chr17	38333263	38351908	+	5710	6827.659	0	0.877518	0.306628	2.861834	0.00514	0.080682	1
ENSG0000	remission	Inflamed	VSIG1	protein_cc chrX	1.07E+08	1.07E+08	+	3769	223.7422	0.045346	-1.85709	0.648918	-2.86183	0.00514	0.080682	1
ENSG0000	remission	Inflamed	AGAP11	processed_chr10	88752163	88769960	+	4560	5.360382	0.257757	0.701543	0.24514	2.8618	0.00514	0.080682	1
ENSG0000	remission	Inflamed	BEAN1	protein_cc chr16	66461200	66527432	+	7165	36.90692	0.105012	-1.43295	0.500809	-2.86127	0.005148	0.080753	1
ENSG0000	remission	Inflamed	LINC0057C	lincRNA chr2	11534107	11543203	+	1650	14.87351	0.062053	0.874425	0.305627	2.861088	0.005151	0.080753	1
ENSG0000	remission	Inflamed	IGLV11-55	IG_V_gene chr22	22556057	22556600	+	426	1.207637	0.718377	-0.56707	0.198223	-2.86074	0.005156	0.080787	1
ENSG0000	remission	Inflamed	KCNK10	protein_cc chr14	88649113	88793251	-	5592	121.031	0.004773	1.012707	0.354099	2.859953	0.005168	0.080875	1

ENSG0000	remission	Inflamed	ABCA10	protein_cc chr17	67143355	67240987	-	8405	116.3484	0	1.024946	0.358379	2.859953	0.005168	0.080875	1
ENSG0000	remission	Inflamed	PON3	protein_cc chr7	94989256	95025680	-	4040	52.94511	0.004773	0.783259	0.273915	2.859494	0.005175	0.080935	1
ENSG0000	remission	Inflamed	LG11	protein_cc chr10	95517566	95557916	+	2854	17.95943	0.097852	1.237976	0.433045	2.858769	0.005186	0.081058	1
ENSG0000	remission	Inflamed	MBNL1-AS	antisense chr3	1.52E+08	1.52E+08	-	6585	188.9236	0	0.47917	0.167641	2.858313	0.005193	0.081108	1
ENSG0000	remission	Inflamed	ATP6V0B	protein_cc chr1	44440159	44443967	+	3535	3662.797	0	-0.33386	0.116815	-2.85803	0.005197	0.081108	1
ENSG0000	remission	Inflamed	RP11-707C	pseudoger chr17	43678235	43679706	-	1472	15.44869	0.627685	0.606349	0.21218	2.857716	0.005202	0.081108	1
ENSG0000	remission	Inflamed	TAPBP	protein_cc chr6	33267471	33282164	-	5056	15218.88	0	-0.40412	0.14142	-2.85758	0.005204	0.081108	1
ENSG0000	remission	Inflamed	SHMT2	protein_cc chr12	57623110	57628718	+	4838	2811.819	0	-0.38774	0.135698	-2.85735	0.005207	0.081108	1
ENSG0000	remission	Inflamed	COPS7A	protein_cc chr12	6832907	6841041	+	3113	1670.138	0	-0.23618	0.082658	-2.8573	0.005208	0.081108	1
ENSG0000	remission	Inflamed	PPARG	protein_cc chr3	12328867	12475855	+	4046	1882.053	0	0.71455	0.250094	2.857127	0.005211	0.081108	1
ENSG0000	remission	Inflamed	ABHD8	protein_cc chr19	17402940	17421045	-	2210	362.2196	0	-0.52697	0.184458	-2.85684	0.005215	0.081127	1
ENSG0000	remission	Inflamed	GGN	protein_cc chr19	38874905	38878722	-	2447	20.86635	0.033413	-0.8257	0.289056	-2.85653	0.00522	0.081152	1
ENSG0000	remission	Inflamed	PI4KAP1	pseudoger chr22	20383524	20427835	-	4808	431.8067	0	0.8275	0.289771	2.8557	0.005232	0.081301	1
ENSG0000	remission	Inflamed	DPF3	protein_cc chr14	73086004	73360809	-	6868	294.7279	0	0.793946	0.278076	2.855139	0.005241	0.08134	1
ENSG0000	remission	Inflamed	IL12RB1	protein_cc chr19	18169805	18209754	-	4298	583.284	0	-0.69469	0.243312	-2.85513	0.005241	0.08134	1
ENSG0000	remission	Inflamed	SCP2	protein_cc chr1	53392901	53517375	+	8305	4876.172	0	0.540421	0.189325	2.854459	0.005251	0.081441	1
ENSG0000	remission	Inflamed	FAM160A1	protein_cc chr4	1.52E+08	1.53E+08	+	4932	555.3771	0	0.926837	0.324717	2.854295	0.005254	0.081441	1
ENSG0000	remission	Inflamed	CTSW	protein_cc chr11	65647280	65651212	+	1719	231.2578	0	-0.62414	0.218702	-2.85382	0.005261	0.081506	1
ENSG0000	remission	Inflamed	KIAA1199	protein_cc chr15	81071684	81244117	+	7621	4416.494	0.002387	-1.81513	0.636267	-2.85279	0.005277	0.081673	1
ENSG0000	remission	Inflamed	FAM225A	lincRNA chr9	1.16E+08	1.16E+08	+	6100	30.56086	0.004773	-0.78322	0.274554	-2.8527	0.005278	0.081673	1
ENSG0000	remission	Inflamed	CTC-251D	antisense chr5	1.51E+08	1.51E+08	+	3317	34.84726	0.033413	0.929063	0.325712	2.852404	0.005283	0.081686	1
ENSG0000	remission	Inflamed	AP001271	sense_intr chr11	70323382	70323697	-	206	1.954654	0.501193	0.507605	0.177971	2.852182	0.005286	0.081686	1
ENSG0000	remission	Inflamed	STAU2-AS1	lincRNA chr8	74332239	74353761	+	2279	2.73031	0.443914	0.62643	0.219642	2.852045	0.005288	0.081686	1
ENSG0000	remission	Inflamed	RN7SKP11	misc_RNA chr6	47683019	47683337	+	319	1.813842	0.579952	0.591273	0.207346	2.851629	0.005295	0.081736	1
ENSG0000	remission	Inflamed	RP11-6771	antisense chr11	1.25E+08	1.25E+08	-	445	4.816229	0.205251	0.70865	0.248534	2.851318	0.005299	0.081762	1
ENSG0000	remission	Inflamed	GFAP	protein_cc chr17	42982376	42994305	-	6086	15.48926	0.114558	-1.0884	0.381779	-2.85085	0.005307	0.081825	1
ENSG0000	remission	Inflamed	SEC11C	protein_cc chr18	56806709	56826068	+	3656	2138.809	0	-0.6183	0.216907	-2.85055	0.005311	0.081849	1
ENSG0000	remission	Inflamed	FCGR1C	pseudoger chr1	1.49E+08	1.49E+08	+	2167	13.77566	0.140811	-1.03903	0.364547	-2.85019	0.005317	0.081887	1
ENSG0000	remission	Inflamed	MT-TT	Mt_tRNA chrM	15888	15953	+	66	184.3723	0.004773	0.785538	0.275736	2.848874	0.005337	0.082151	1
ENSG0000	remission	Inflamed	HOXA11-A	antisense chr7	27224137	27228912	+	2917	605.1265	0	0.827977	0.290668	2.848534	0.005342	0.082184	1
ENSG0000	remission	Inflamed	ZDHC11E	protein_cc chr5	710475	767067	-	3789	150.8544	0.016706	1.221269	0.428822	2.847964	0.005351	0.082268	1
ENSG0000	remission	Inflamed	snoU13	snoRNA chr3	32214148	32214252	+	105	1.601432	0.591885	0.482754	0.16952	2.847778	0.005354	0.082268	1
ENSG0000	remission	Inflamed	EAF2	protein_cc chr3	1.22E+08	1.22E+08	+	1770	253.9356	0	-0.80489	0.282663	-2.84753	0.005358	0.082278	1
ENSG0000	remission	Inflamed	RP11-5751	lincRNA chr9	27829274	27844479	+	2084	1.854415	0.620525	0.454461	0.159662	2.846395	0.005376	0.082406	1
ENSG0000	remission	Inflamed	APOBEC3F	protein_cc chr22	39436609	39449915	+	3242	225.4033	0	-0.57554	0.202208	-2.84627	0.005378	0.082406	1
ENSG0000	remission	Inflamed	LINC00327	lincRNA chr13	24040710	24061603	+	3266	2.821002	0.389021	0.566191	0.198928	2.846208	0.005379	0.082406	1
ENSG0000	remission	Inflamed	ANXA5	protein_cc chr4	1.23E+08	1.23E+08	-	3034	5400.561	0	-0.60574	0.212839	-2.84597	0.005382	0.082406	1
ENSG0000	remission	Inflamed	ATP8B1	protein_cc chr18	55313658	55470333	-	6652	12863.99	0	0.926289	0.325476	2.845955	0.005383	0.082406	1
ENSG0000	remission	Inflamed	RP11-96K1	antisense chr1	1.12E+08	1.12E+08	+	1348	3.114558	0.252983	-0.52178	0.18335	-2.84579	0.005385	0.082406	1
ENSG0000	remission	Inflamed	MMP23A	pseudoger chr1	1631369	1633249	+	1124	3.529833	0.274463	0.521045	0.183132	2.845191	0.005394	0.082478	1

ENSG0000	remission	Inflamed	PTPN3	protein_cc	chr9	1.12E+08	1.12E+08	-	10071	2146.093	0	0.708566	0.249049	2.845089	0.005396	0.082478	1
ENSG0000	remission	Inflamed	IGHV4-4	IG_V_gene	chr14	1.06E+08	1.06E+08	-	412	2983.057	0	-1.22925	0.432237	-2.84393	0.005414	0.082708	1
ENSG0000	remission	Inflamed	FOXD4L3	protein_cc	chr9	70917276	70920000	+	2725	2.102625	0.534606	0.586312	0.206277	2.842351	0.005439	0.082999	1
ENSG0000	remission	Inflamed	RP11-2171	pseudoger	chrX	79528830	79565669	-	500	2.608592	0.451074	0.609396	0.214409	2.842207	0.005441	0.082999	1
ENSG0000	remission	Inflamed	C6orf136	protein_cc	chr6	30614816	30620987	+	2118	1612.057	0	0.49409	0.173847	2.842106	0.005443	0.082999	1
ENSG0000	remission	Inflamed	GBGT1	protein_cc	chr9	1.36E+08	1.36E+08	-	3708	292.1575	0	-0.51475	0.181147	-2.84159	0.005451	0.082999	1
ENSG0000	remission	Inflamed	FOLH1	protein_cc	chr11	49168187	49230222	-	3824	124.5274	0.02148	-1.3019	0.45818	-2.84145	0.005453	0.082999	1
ENSG0000	remission	Inflamed	RP11-3881	antisense	chr16	31207452	31208284	+	833	7.408115	0.093079	0.699547	0.24622	2.841152	0.005458	0.082999	1
ENSG0000	remission	Inflamed	SNORA40	snoRNA	chr1	1.51E+08	1.51E+08	-	121	3.53222	0.303103	0.585632	0.206127	2.841127	0.005458	0.082999	1
ENSG0000	remission	Inflamed	ARL9	protein_cc	chr4	57371509	57390614	+	1258	6.522673	0.152745	-0.77291	0.272045	-2.84111	0.005459	0.082999	1
ENSG0000	remission	Inflamed	EPB41L4B	protein_cc	chr9	1.12E+08	1.12E+08	-	7879	4696.857	0	1.087436	0.382833	2.8405	0.005468	0.083099	1
ENSG0000	remission	Inflamed	RP11-317F	lincRNA	chr1	1.83E+08	1.83E+08	+	1376	4.813842	0.207637	-0.74398	0.262025	-2.83934	0.005487	0.083329	1
ENSG0000	remission	Inflamed	LDLRAD2	protein_cc	chr1	22138758	22151714	+	4490	102.9045	0.00716	-0.92882	0.32715	-2.83914	0.00549	0.08333	1
ENSG0000	remission	Inflamed	CERS6	protein_cc	chr2	1.69E+08	1.7E+08	+	7238	3335.174	0	0.786744	0.277155	2.838645	0.005498	0.083361	1
ENSG0000	remission	Inflamed	UNC13D	protein_cc	chr17	73823306	73840798	-	7752	4544.162	0	-0.62823	0.221315	-2.83861	0.005498	0.083361	1
ENSG0000	remission	Inflamed	GNE	protein_cc	chr9	36214438	36277053	-	5477	4901.272	0	0.80178	0.282634	2.836809	0.005527	0.083749	1
ENSG0000	remission	Inflamed	C19orf66	protein_cc	chr19	10196798	10203928	+	4341	1549.747	0	-0.38324	0.135131	-2.83606	0.005539	0.083803	1
ENSG0000	remission	Inflamed	MCHR1	protein_cc	chr22	41074754	41078818	+	2961	16.53461	0.088305	-0.99437	0.350623	-2.83602	0.00554	0.083803	1
ENSG0000	remission	Inflamed	NAAA	protein_cc	chr4	76831809	76862204	-	5154	2428.831	0	0.599368	0.211344	2.835989	0.00554	0.083803	1
ENSG0000	remission	Inflamed	LINC0087C	lincRNA	chr3	72200408	72223483	+	2933	13.32458	0.090692	0.865867	0.305492	2.834337	0.005567	0.084156	1
ENSG0000	remission	Inflamed	C10orf10	protein_cc	chr10	45466429	45474258	-	2979	1131.1	0	-0.74128	0.261566	-2.83399	0.005572	0.084192	1
ENSG0000	remission	Inflamed	RP11-644F	protein_cc	chr12	56109820	56118487	+	3510	210.5632	0	0.766577	0.270513	2.833789	0.005575	0.084193	1
ENSG0000	remission	Inflamed	RP11-284F	lincRNA	chr1	1.57E+08	1.57E+08	-	3222	128.9165	0.002387	0.738615	0.260702	2.833181	0.005585	0.084292	1
ENSG0000	remission	Inflamed	CBR3-AS1	processed	chr21	37504065	37528615	-	6438	182.9189	0	0.782289	0.27624	2.831916	0.005606	0.084509	1
ENSG0000	remission	Inflamed	MADCAM1	protein_cc	chr19	489176	505347	+	2441	733.2697	0	-1.26554	0.44689	-2.83188	0.005606	0.084509	1
ENSG0000	remission	Inflamed	SLC6A17	protein_cc	chr1	1.11E+08	1.11E+08	+	6644	7.217184	0.178998	-0.87421	0.308741	-2.83152	0.005612	0.084509	1
ENSG0000	remission	Inflamed	GRAMD3	protein_cc	chr5	1.26E+08	1.26E+08	+	5051	1201.594	0	0.708062	0.250068	2.831485	0.005613	0.084509	1
ENSG0000	remission	Inflamed	ISM1	protein_cc	chr20	13202418	13281298	+	2593	15.57518	0.107399	-1.17714	0.415781	-2.83115	0.005618	0.084509	1
ENSG0000	remission	Inflamed	RP11-317J	antisense	chr8	86354080	86377144	-	1257	43.29833	0.00716	0.746129	0.263547	2.831104	0.005619	0.084509	1
ENSG0000	remission	Inflamed	RP11-1531	pseudoger	chr4	1.55E+08	1.55E+08	+	3277	11.78759	0.317422	-1.18995	0.420399	-2.83053	0.005628	0.084597	1
ENSG0000	remission	Inflamed	LINC00707	lincRNA	chr10	6821560	6884868	+	3070	5.582339	0.293556	-0.93222	0.329378	-2.83024	0.005633	0.084597	1
ENSG0000	remission	Inflamed	FZD5	protein_cc	chr2	2.09E+08	2.09E+08	-	6708	4736.234	0	0.839313	0.296593	2.829844	0.005639	0.084597	1
ENSG0000	remission	Inflamed	RP11-5281	lincRNA	chr3	1.94E+08	1.94E+08	-	984	100.0644	0.01432	0.979533	0.346147	2.829817	0.00564	0.084597	1
ENSG0000	remission	Inflamed	GPBP1L1	protein_cc	chr1	46092976	46153785	-	7433	5520.988	0	0.516168	0.182407	2.829754	0.005641	0.084597	1
ENSG0000	remission	Inflamed	STX5	protein_cc	chr11	62574369	62599560	-	2257	1647.635	0	-0.208	0.073515	-2.82936	0.005647	0.084644	1
ENSG0000	remission	Inflamed	TMEM204	protein_cc	chr16	1578689	1605581	+	2047	522.1169	0	-0.70039	0.247622	-2.82847	0.005662	0.084815	1
ENSG0000	remission	Inflamed	IGKV1OR2	IG_V_gene	chr2	1.14E+08	1.14E+08	+	390	47.05251	0.038186	-1.27737	0.451825	-2.82714	0.005684	0.084934	1
ENSG0000	remission	Inflamed	GJD3	protein_cc	chr17	38517235	38520067	-	1044	71.4463	0.00716	-0.79161	0.280024	-2.82694	0.005687	0.084934	1
ENSG0000	remission	Inflamed	AC093642	lincRNA	chr2	2.43E+08	2.43E+08	+	2854	117.5394	0.004773	1.184649	0.419062	2.826907	0.005687	0.084934	1
ENSG0000	remission	Inflamed	RP11-30P6	lincRNA	chr6	86096937	86099904	-	2513	194.3126	0.00716	1.15315	0.407921	2.826896	0.005688	0.084934	1

ENSG0000	remission	Inflamed	IGHV1OR1	IG_V_gene	chr15	22448382	22448819	-	353	131.7255	0	-1.02071	0.361081	-2.82683	0.005689	0.084934	1
ENSG0000	remission	Inflamed	GRHL2	protein_cc	chr8	1.03E+08	1.03E+08	+	6060	1355.026	0.004773	1.033093	0.365464	2.826797	0.005689	0.084934	1
ENSG0000	remission	Inflamed	AIP	protein_cc	chr11	67250512	67258574	+	1640	1141.544	0	-0.35623	0.126055	-2.826	0.005702	0.085082	1
ENSG0000	remission	Inflamed	P2RY13	protein_cc	chr3	1.51E+08	1.51E+08	-	2764	433.2673	0	-0.93358	0.330457	-2.82511	0.005717	0.085253	1
ENSG0000	remission	Inflamed	RP11-15H1	pseudoger	chr19	23437855	23440741	-	2887	301.1217	0	0.585887	0.207402	2.82489	0.005721	0.085258	1
ENSG0000	remission	Inflamed	LRR31	protein_cc	chr3	1.7E+08	1.7E+08	-	3113	656.4439	0.009547	1.156081	0.409307	2.824482	0.005727	0.08531	1
ENSG0000	remission	Inflamed	MLL3	protein_cc	chr9	20341663	20622542	-	8129	921.2936	0	0.649997	0.230148	2.824252	0.005731	0.085318	1
ENSG0000	remission	Inflamed	GRIA1	protein_cc	chr5	1.53E+08	1.53E+08	+	7636	24.35084	0.057279	1.081685	0.383056	2.823827	0.005738	0.085374	1
ENSG0000	remission	Inflamed	KRT80	protein_cc	chr12	52562780	52585784	-	4350	142.3675	0.009547	-1.39753	0.494946	-2.82359	0.005742	0.085384	1
ENSG0000	remission	Inflamed	TFCP2L1	protein_cc	chr2	1.22E+08	1.22E+08	-	9372	7500.418	0	1.02709	0.363803	2.823202	0.005749	0.085431	1
ENSG0000	remission	Inflamed	CYP2J2	protein_cc	chr1	60358980	60392462	-	2990	1116.943	0	0.89538	0.317228	2.82251	0.00576	0.085523	1
ENSG0000	remission	Inflamed	CTC-428G2	antisense	chr5	1.15E+08	1.15E+08	+	944	21.40334	0	0.448742	0.158991	2.822437	0.005761	0.085523	1
ENSG0000	remission	Inflamed	RP11-503C	sense_intr	chr6	1.69E+08	1.69E+08	-	2559	10.9642	0.238663	0.875108	0.310082	2.822188	0.005765	0.085537	1
ENSG0000	remission	Inflamed	TEX14	protein_cc	chr17	56634039	56769416	-	5325	12.05489	0.112172	-0.91034	0.322721	-2.82081	0.005788	0.08578	1
ENSG0000	remission	Inflamed	MTND2P2	pseudoger	chr1	565020	566063	+	1044	3678.723	0	0.66112	0.234395	2.820536	0.005793	0.08578	1
ENSG0000	remission	Inflamed	SCN9A	protein_cc	chr2	1.67E+08	1.67E+08	-	10368	188.4272	0	1.023636	0.362923	2.820529	0.005793	0.08578	1
ENSG0000	remission	Inflamed	APOBEC3F	protein_cc	chr22	39493229	39500072	+	1251	23.50119	0.011933	-0.70415	0.249663	-2.82042	0.005795	0.08578	1
ENSG0000	remission	Inflamed	THBD	protein_cc	chr20	23026270	23030378	-	4109	1355.866	0	-0.86074	0.305218	-2.82009	0.0058	0.085803	1
ENSG0000	remission	Inflamed	RP4-798A1	pseudoger	chr1	1.71E+08	1.71E+08	+	232	6.732697	0.202864	0.727741	0.25807	2.819935	0.005803	0.085803	1
ENSG0000	remission	Inflamed	AC009061	pseudoger	chr16	67466595	67468931	+	2334	1357.131	0.016706	1.644126	0.583149	2.81939	0.005812	0.08589	1
ENSG0000	remission	Inflamed	TGM2	protein_cc	chr20	36756863	36794980	-	6962	11936.68	0	-0.95063	0.33723	-2.81893	0.00582	0.085956	1
ENSG0000	remission	Inflamed	AC026904	lincRNA	chr8	49502961	49507181	+	3549	1.107399	0.73031	0.421365	0.149519	2.818127	0.005833	0.086106	1
ENSG0000	remission	Inflamed	FAM110C	protein_cc	chr2	38814	46870	-	3968	873.3317	0	0.870455	0.308906	2.817865	0.005838	0.086123	1
ENSG0000	remission	Inflamed	MTATP8P2	pseudoger	chr2	88124461	88124662	+	202	22.8401	0.047733	0.736994	0.26157	2.817573	0.005842	0.08614	1
ENSG0000	remission	Inflamed	MICALCL	protein_cc	chr11	12297627	12380691	+	3448	334.611	0.009547	0.889935	0.31587	2.817406	0.005845	0.08614	1
ENSG0000	remission	Inflamed	RP11-507K	antisense	chr14	89017941	89018837	+	718	6.431981	0.109785	0.597504	0.212158	2.816311	0.005864	0.086307	1
ENSG0000	remission	Inflamed	ZNF571-A5	antisense	chr19	38039816	38078249	+	4560	17.57041	0.038186	0.712098	0.25287	2.816071	0.005868	0.086307	1
ENSG0000	remission	Inflamed	POU5F1B	protein_cc	chr8	1.28E+08	1.28E+08	+	5357	9.797136	0.078759	0.756848	0.268765	2.816016	0.005869	0.086307	1
ENSG0000	remission	Inflamed	IFI6	protein_cc	chr1	27992572	27998729	-	865	1111.764	0	-0.70533	0.250507	-2.81562	0.005875	0.086307	1
ENSG0000	remission	Inflamed	BHLHE40	protein_cc	chr3	5020801	5027008	+	3837	5131.451	0	-0.53624	0.190502	-2.8149	0.005888	0.086307	1
ENSG0000	remission	Inflamed	NEURL	protein_cc	chr10	1.05E+08	1.05E+08	+	4961	1625.189	0	1.000556	0.355455	2.814857	0.005888	0.086307	1
ENSG0000	remission	Inflamed	AC012507	antisense	chr2	2.32E+08	2.32E+08	+	2265	6.677804	0.181384	0.759306	0.269752	2.814829	0.005889	0.086307	1
ENSG0000	remission	Inflamed	FAM183A	protein_cc	chr1	43610824	43622067	+	843	4.147971	0.379475	0.708119	0.251581	2.814679	0.005891	0.086307	1
ENSG0000	remission	Inflamed	DACT2	protein_cc	chr6	1.69E+08	1.69E+08	-	4223	93.19809	0.026253	1.281329	0.455255	2.814533	0.005894	0.086307	1
ENSG0000	remission	Inflamed	COBL	protein_cc	chr7	51083909	51384515	-	14304	2722.737	0	0.796452	0.282982	2.814492	0.005895	0.086307	1
ENSG0000	remission	Inflamed	RP11-511E	antisense	chr12	93397191	93609455	-	1914	3.615752	0.310263	0.582611	0.207009	2.814418	0.005896	0.086307	1
ENSG0000	remission	Inflamed	ANO2	protein_cc	chr12	5641035	6055398	-	6012	37.40334	0.002387	-0.67078	0.238339	-2.8144	0.005896	0.086307	1
ENSG0000	remission	Inflamed	SRPX2	protein_cc	chrX	99899215	99926296	+	2368	310.2411	0	-0.82196	0.292093	-2.81404	0.005902	0.08635	1
ENSG0000	remission	Inflamed	RP11-134F	lincRNA	chr1	2.03E+08	2.03E+08	-	2725	6.632458	0.231504	-0.78617	0.279475	-2.81303	0.005919	0.086488	1
ENSG0000	remission	Inflamed	KCNE1L	protein_cc	chrX	1.09E+08	1.09E+08	-	1465	7.622912	0.274463	-1.00504	0.357292	-2.81294	0.005921	0.086488	1

ENSG0000	remission	Inflamed	TAPSAR1	lincRNA	chr6	32811863	32814272	+	1951	681.4726	0	-0.50053	0.17794	-2.8129	0.005922	0.086488	1
ENSG0000	remission	Inflamed	TMED1	protein_cc	chr19	10943114	10946994	-	1513	436.9093	0	-0.32519	0.115622	-2.81254	0.005928	0.08653	1
ENSG0000	remission	Inflamed	RP11-493L	lincRNA	chr12	47641907	47651322	+	510	7.116945	0.162291	-0.79868	0.284002	-2.81223	0.005933	0.086559	1
ENSG0000	remission	Inflamed	RAB11FIP1	protein_cc	chr8	37716136	37756985	-	9602	10277.99	0	0.581045	0.206632	2.811974	0.005937	0.086574	1
ENSG0000	remission	Inflamed	SH3YL1	protein_cc	chr2	217730	266398	-	11165	1529.854	0	0.664592	0.236361	2.811767	0.005941	0.086578	1
ENSG0000	remission	Inflamed	HAS2-AS1	antisense	chr8	1.23E+08	1.23E+08	+	1796	12.46539	0.064439	0.763562	0.271624	2.811099	0.005952	0.086696	1
ENSG0000	remission	Inflamed	WFDC3	protein_cc	chr20	44376583	44420571	-	2405	30.52029	0.01432	0.774365	0.275497	2.810795	0.005958	0.086714	1
ENSG0000	remission	Inflamed	EVPLL	protein_cc	chr17	18280976	18292961	+	2156	10.31265	0.138425	0.82125	0.292193	2.810644	0.00596	0.086714	1
ENSG0000	remission	Inflamed	SFTA2	protein_cc	chr6	30899130	30899952	-	691	3.868735	0.575179	-0.8945	0.318301	-2.81024	0.005967	0.08675	1
ENSG0000	remission	Inflamed	CTD-2126f	antisense	chr19	50546453	50554319	-	711	3.379475	0.336516	0.645201	0.229611	2.809973	0.005972	0.08675	1
ENSG0000	remission	Inflamed	PRR16	protein_cc	chr5	1.2E+08	1.2E+08	+	2281	268.568	0	-0.82059	0.292034	-2.80992	0.005973	0.08675	1
ENSG0000	remission	Inflamed	LYSMD4	protein_cc	chr15	1E+08	1E+08	-	5691	406.0525	0	0.420467	0.149664	2.8094	0.005981	0.08681	1
ENSG0000	remission	Inflamed	RP11-1105	antisense	chr12	94665926	94670971	-	493	2.002387	0.520286	0.527886	0.187907	2.809295	0.005983	0.08681	1
ENSG0000	remission	Inflamed	SYTL4	protein_cc	chrX	99929488	99987110	-	7518	891.0764	0	0.785533	0.279722	2.808265	0.006001	0.08702	1
ENSG0000	remission	Inflamed	LINC00847	lincRNA	chr5	1.8E+08	1.8E+08	+	2453	550.6086	0	-0.34694	0.123589	-2.80719	0.00602	0.087194	1
ENSG0000	remission	Inflamed	DUOX2	protein_cc	chr15	45384848	45406542	-	9834	52840.97	0	-1.76709	0.629488	-2.80719	0.00602	0.087194	1
ENSG0000	remission	Inflamed	RHOXF1	protein_cc	chrX	1.19E+08	1.19E+08	-	769	3.463007	0.362768	0.626808	0.223324	2.806724	0.006028	0.087249	1
ENSG0000	remission	Inflamed	LY6K	protein_cc	chr8	1.44E+08	1.44E+08	+	4049	13.64439	0.085919	-1.05979	0.377607	-2.80658	0.00603	0.087249	1
ENSG0000	remission	Inflamed	PTRH1	protein_cc	chr9	1.3E+08	1.3E+08	-	3595	243.0573	0	-0.40319	0.143683	-2.8061	0.006038	0.087321	1
ENSG0000	remission	Inflamed	CXCL17	protein_cc	chr19	42932440	42947200	-	1189	26.36277	0.336516	-1.64103	0.58488	-2.80575	0.006045	0.087361	1
ENSG0000	remission	Inflamed	ZBED2	protein_cc	chr3	1.11E+08	1.11E+08	-	2311	41.57757	0.136038	-1.38717	0.494561	-2.80486	0.00606	0.087536	1
ENSG0000	remission	Inflamed	GJD4	protein_cc	chr10	35894338	35897863	+	1580	1.031026	0.742243	0.3937	0.140385	2.804431	0.006067	0.087596	1
ENSG0000	remission	Inflamed	03-Sep	protein_cc	chr22	42372276	42394225	+	5427	63.66587	0.00716	-0.76493	0.272787	-2.80411	0.006073	0.087629	1
ENSG0000	remission	Inflamed	DUSP7	protein_cc	chr3	52082935	52090566	-	5648	1340.737	0	-0.50248	0.179233	-2.80348	0.006084	0.087739	1
ENSG0000	remission	Inflamed	SLC46A2	protein_cc	chr9	1.16E+08	1.16E+08	-	2502	9.50358	0.169451	-0.85464	0.304897	-2.80304	0.006092	0.087786	1
ENSG0000	remission	Inflamed	CTA-929Cf	lincRNA	chr22	27706612	27713417	+	5052	3.202864	0.494033	0.626733	0.223619	2.802679	0.006098	0.087786	1
ENSG0000	remission	Inflamed	PBLD	protein_cc	chr10	70042417	70092806	-	5172	1321.263	0	1.069315	0.38156	2.802479	0.006101	0.087786	1
ENSG0000	remission	Inflamed	TUBB3	protein_cc	chr16	89987800	90005169	+	6138	35.39379	0.019093	-0.96221	0.343344	-2.80245	0.006102	0.087786	1
ENSG0000	remission	Inflamed	RP11-457M	lincRNA	chr6	26686469	26688192	+	1724	28.88783	0.02864	0.945942	0.337563	2.802273	0.006105	0.087786	1
ENSG0000	remission	Inflamed	TUBB1	protein_cc	chr20	57594309	57601709	+	3496	3.840095	0.357995	0.637353	0.227477	2.801837	0.006113	0.087786	1
ENSG0000	remission	Inflamed	IGHV1-12	IG_V_pseu	chr14	1.07E+08	1.07E+08	-	205	28.04773	0.150358	-1.04564	0.37324	-2.80154	0.006118	0.087786	1
ENSG0000	remission	Inflamed	ALDH4A1	protein_cc	chr1	19197926	19229275	-	3687	422.2697	0	-0.43703	0.155999	-2.8015	0.006119	0.087786	1
ENSG0000	remission	Inflamed	ZNF311	protein_cc	chr6	28962562	28973093	-	3176	70.45823	0	0.736447	0.262878	2.801483	0.006119	0.087786	1
ENSG0000	remission	Inflamed	RPS15AP6	pseudoger	chr1	21330043	21330427	-	385	0.811456	0.792363	0.409048	0.146016	2.801387	0.006121	0.087786	1
ENSG0000	remission	Inflamed	RSL24D1P	pseudoger	chr6	27748398	27748890	-	493	0.825776	0.775656	0.332259	0.118625	2.800913	0.006129	0.08783	1
ENSG0000	remission	Inflamed	CHKB-AS1	antisense	chr22	51021455	51022306	+	578	16.21718	0.004773	-0.51885	0.185247	-2.80083	0.00613	0.08783	1
ENSG0000	remission	Inflamed	TMEM206	protein_cc	chr1	2.13E+08	2.13E+08	-	2914	159.3604	0	-0.49102	0.175376	-2.79983	0.006148	0.088035	1
ENSG0000	remission	Inflamed	COPE	protein_cc	chr19	19010323	19030206	-	2885	4515.654	0	-0.29542	0.105529	-2.79944	0.006155	0.088086	1
ENSG0000	remission	Inflamed	USB1	protein_cc	chr16	58033450	58055522	+	7298	2823.955	0	-0.2833	0.101209	-2.79917	0.00616	0.088106	1
ENSG0000	remission	Inflamed	ST6GALNA	protein_cc	chr9	1.31E+08	1.31E+08	-	5309	9264.091	0	0.796849	0.284698	2.798931	0.006164	0.088118	1

ENSG0000	remission	Inflamed	ZMAT5	protein_cc chr22	30126945	30163000	-	3315	328.9475	0	-0.3767	0.134616	-2.79831	0.006175	0.088144	1
ENSG0000	remission	Inflamed	GUCY2D	protein_cc chr17	7905912	7923657	+	4040	13.40334	0.045346	-0.79753	0.285006	-2.7983	0.006175	0.088144	1
ENSG0000	remission	Inflamed	IGSF5	protein_cc chr21	41117334	41174023	+	2650	6.011933	0.312649	0.939524	0.335763	2.798178	0.006177	0.088144	1
ENSG0000	remission	Inflamed	GVQW1	protein_cc chr9	32566787	32568619	+	1833	19.89737	0.01432	-0.37229	0.133053	-2.79807	0.006179	0.088144	1
ENSG0000	remission	Inflamed	SYT12	protein_cc chr11	66774249	66818334	+	10830	134.222	0.019093	-1.41008	0.504025	-2.79764	0.006187	0.088194	1
ENSG0000	remission	Inflamed	ZNF888	lincRNA chr19	53418449	53426723	-	551	33.72792	0.02864	0.870228	0.311095	2.797308	0.006193	0.088194	1
ENSG0000	remission	Inflamed	SLC6A12	protein_cc chr12	299243	323736	-	5683	123.6158	0.00716	0.776887	0.277757	2.797001	0.006198	0.088194	1
ENSG0000	remission	Inflamed	CCL7	protein_cc chr17	32597240	32599261	+	863	20.13604	0.0358	-0.84465	0.302016	-2.79671	0.006203	0.088194	1
ENSG0000	remission	Inflamed	NEO1	protein_cc chr15	73344051	73597547	+	8117	9096.487	0	0.690971	0.247079	2.796563	0.006206	0.088194	1
ENSG0000	remission	Inflamed	NXPE1	protein_cc chr11	1.14E+08	1.14E+08	-	4317	2923.804	0.004773	1.707429	0.610568	2.79646	0.006208	0.088194	1
ENSG0000	remission	Inflamed	C17orf107	protein_cc chr17	4802713	4806227	+	3408	181.6539	0	-0.61949	0.221539	-2.79629	0.006211	0.088194	1
ENSG0000	remission	Inflamed	WIPF3	protein_cc chr7	29846102	29956682	+	6065	55.17661	0.009547	0.922526	0.329923	2.796188	0.006213	0.088194	1
ENSG0000	remission	Inflamed	MAN2B1	protein_cc chr19	12757325	12777556	-	5374	6293.907	0	-0.40828	0.146014	-2.79617	0.006213	0.088194	1
ENSG0000	remission	Inflamed	IGKV6D-21	IG_V_gene chr2	90060377	90060995	+	409	393.3699	0.004773	-1.39473	0.498872	-2.79577	0.00622	0.088247	1
ENSG0000	remission	Inflamed	HTR4-IT1	sense_intr chr5	1.48E+08	1.48E+08	-	1704	1.947494	0.587112	0.6163	0.220507	2.794925	0.006235	0.088414	1
ENSG0000	remission	Inflamed	TMEM88	protein_cc chr17	7758383	7759417	+	875	95.45346	0	-0.50596	0.181064	-2.7944	0.006244	0.088455	1
ENSG0000	remission	Inflamed	ISX	protein_cc chr22	35462129	35483380	+	3384	2751.062	0.004773	1.588435	0.568439	2.794383	0.006245	0.088455	1
ENSG0000	remission	Inflamed	CDH16	protein_cc chr16	66942025	66952887	-	3656	16.66826	0.100239	1.134195	0.405936	2.794022	0.006251	0.088499	1
ENSG0000	remission	Inflamed	RGS11	protein_cc chr16	318300	325980	-	4798	170.7542	0.004773	0.846974	0.303185	2.793591	0.006259	0.08851	1
ENSG0000	remission	Inflamed	CTD-2287C	lincRNA chr5	1.15E+08	1.15E+08	-	461	0.947494	0.735084	0.397492	0.142293	2.793486	0.006261	0.08851	1
ENSG0000	remission	Inflamed	AC091878	antisense chr5	17130137	17217156	-	2941	3.138425	0.513126	-0.74155	0.265478	-2.79325	0.006265	0.08851	1
ENSG0000	remission	Inflamed	PIK3R5	protein_cc chr17	8782233	8869029	-	7501	1174.119	0	-0.71226	0.254994	-2.79323	0.006265	0.08851	1
ENSG0000	remission	Inflamed	FICD	protein_cc chr12	1.09E+08	1.09E+08	+	4267	571.0072	0	-0.55608	0.199115	-2.79277	0.006274	0.088579	1
ENSG0000	remission	Inflamed	RP4-798A1	lincRNA chr1	16841140	16842249	+	1110	5.090692	0.224344	0.696659	0.249474	2.792507	0.006278	0.088598	1
ENSG0000	remission	Inflamed	C15orf38	protein_cc chr15	90443159	90456188	-	3673	1339.384	0	0.427434	0.153094	2.791967	0.006288	0.088687	1
ENSG0000	remission	Inflamed	HAMP	protein_cc chr19	35771619	35776046	+	3010	9.868735	0.186158	-0.99449	0.356261	-2.79147	0.006297	0.088756	1
ENSG0000	remission	Inflamed	RP11-395I	lincRNA chr8	25283037	25284096	-	528	15.52745	0.088305	0.923799	0.330954	2.791319	0.0063	0.088756	1
ENSG0000	remission	Inflamed	LMO2	protein_cc chr11	33880122	33913836	-	3109	576.3365	0	-0.65192	0.233585	-2.79095	0.006306	0.088802	1
ENSG0000	remission	Inflamed	TRPM4	protein_cc chr19	49660998	49715093	+	6604	8946.905	0	0.615662	0.220632	2.790448	0.006315	0.088862	1
ENSG0000	remission	Inflamed	TBX4	protein_cc chr17	59529765	59562471	+	3996	1.792363	0.582339	0.61205	0.219346	2.790341	0.006317	0.088862	1
ENSG0000	remission	Inflamed	RP11-61A1	antisense chr16	66875336	66887351	-	434	11.79236	0.062053	0.691681	0.248054	2.788432	0.006352	0.089301	1
ENSG0000	remission	Inflamed	MAP7D1	protein_cc chr1	36621180	36646450	+	5271	3890.9	0	-0.4754	0.170541	-2.78759	0.006367	0.089469	1
ENSG0000	remission	Inflamed	IKBIP	protein_cc chr12	99007183	99038891	-	4163	376.0167	0	-0.74798	0.268375	-2.78707	0.006377	0.089508	1
ENSG0000	remission	Inflamed	SEC14L2	protein_cc chr22	30792846	30821305	+	5984	215.2411	0	-0.75756	0.271815	-2.78706	0.006377	0.089508	1
ENSG0000	remission	Inflamed	CCL2	protein_cc chr17	32582304	32584222	+	1137	1229.821	0	-1.01083	0.36278	-2.78635	0.00639	0.08963	1
ENSG0000	remission	Inflamed	PNPLA7	protein_cc chr9	1.4E+08	1.4E+08	-	8971	673.8234	0	0.645006	0.231499	2.78621	0.006392	0.08963	1
ENSG0000	remission	Inflamed	LGSN	protein_cc chr6	63985856	64029882	-	5634	14.31026	0.334129	1.32561	0.475841	2.785823	0.006399	0.089681	1
ENSG0000	remission	Inflamed	C1orf226	protein_cc chr1	1.62E+08	1.62E+08	+	4487	1371.635	0	0.68096	0.244496	2.785157	0.006412	0.089804	1
ENSG0000	remission	Inflamed	IGKV1D-13	IG_V_gene chr2	90192768	90193424	+	531	1949.895	0.004773	-1.54665	0.555418	-2.78466	0.006421	0.089883	1
ENSG0000	remission	Inflamed	AP000695	antisense chr21	37818029	37904706	+	1178	3.832936	0.400955	-0.76096	0.273287	-2.78446	0.006424	0.089886	1

ENSG0000	remission	Inflamed	CTBP2P4	pseudoger	chr5	97912045	97912964	+	920	3.023866	0.295943	0.545423	0.195901	2.784171	0.00643	0.089914	1
ENSG0000	remission	Inflamed	XXyac-YRM	pseudoger	chr9	14511	29739	-	2216	322.7112	0	0.427086	0.153426	2.783666	0.006439	0.089996	1
ENSG0000	remission	Inflamed	C11orf24	protein_cc	chr11	68028803	68039469	-	3406	3195.778	0	-0.23182	0.083289	-2.78327	0.006446	0.090019	1
ENSG0000	remission	Inflamed	MSANTD1	protein_cc	chr4	3246096	3273465	+	7553	18.38425	0.009547	0.610712	0.219428	2.783201	0.006448	0.090019	1
ENSG0000	remission	Inflamed	CYP4F24P	pseudoger	chr19	15871051	15890719	-	1580	19.99284	0.231504	0.979358	0.351937	2.782761	0.006456	0.090045	1
ENSG0000	remission	Inflamed	NXPE2	protein_cc	chr11	1.15E+08	1.15E+08	+	3126	275.778	0.004773	1.263218	0.453949	2.782728	0.006456	0.090045	1
ENSG0000	remission	Inflamed	RP4-575N6	antisense	chr1	1.02E+08	1.02E+08	-	403	4.131265	0.295943	-0.71013	0.255211	-2.78251	0.00646	0.090054	1
ENSG0000	remission	Inflamed	MACROD2	protein_cc	chr20	13976015	16033842	+	11342	50.6253	0.019093	0.872878	0.313849	2.781207	0.006484	0.090281	1
ENSG0000	remission	Inflamed	SH3BGRL2	protein_cc	chr6	80341000	80413372	+	4649	4317.396	0	0.930929	0.334729	2.781143	0.006486	0.090281	1
ENSG0000	remission	Inflamed	RP11-449L	lincRNA	chr18	22305745	22509040	+	908	3.398568	0.386635	0.652243	0.234537	2.780978	0.006489	0.090281	1
ENSG0000	remission	Inflamed	TACC2	protein_cc	chr10	1.24E+08	1.24E+08	+	18835	4073.998	0	0.613373	0.220569	2.780871	0.006491	0.090281	1
ENSG0000	remission	Inflamed	RP11-789C	lincRNA	chr4	1.71E+08	1.71E+08	+	429	4.563246	0.501193	0.725383	0.260863	2.7807	0.006494	0.090281	1
ENSG0000	remission	Inflamed	WAS	protein_cc	chrX	48534985	48549818	+	2381	1175.014	0	-0.78295	0.281707	-2.77932	0.006519	0.09059	1
ENSG0000	remission	Inflamed	SRSF8	pseudoger	chr11	94800056	94804388	+	4331	583.3437	0	0.521996	0.187833	2.779036	0.006525	0.090614	1
ENSG0000	remission	Inflamed	SEMA6A	protein_cc	chr5	1.16E+08	1.16E+08	-	10956	3187.513	0	0.889832	0.320257	2.778496	0.006535	0.090686	1
ENSG0000	remission	Inflamed	TLR2	protein_cc	chr4	1.55E+08	1.55E+08	+	4200	442.6611	0	-1.0911	0.392735	-2.77821	0.00654	0.090686	1
ENSG0000	remission	Inflamed	GLTP	protein_cc	chr12	1.1E+08	1.1E+08	-	2696	2408.749	0	0.410875	0.147902	2.778029	0.006543	0.090686	1
ENSG0000	remission	Inflamed	IGLV2-5	IG_V_pseu	chr22	23198937	23199213	+	277	66.26253	0.009547	-1.1596	0.417433	-2.77792	0.006545	0.090686	1
ENSG0000	remission	Inflamed	EDN3	protein_cc	chr20	57875482	57901047	+	2675	1538.492	0.004773	1.189196	0.428102	2.777832	0.006547	0.090686	1
ENSG0000	remission	Inflamed	RP11-484I	processed	chr11	43411833	43417045	+	183	2.112172	0.446301	0.557546	0.200761	2.777163	0.00656	0.090749	1
ENSG0000	remission	Inflamed	CNGA1	protein_cc	chr4	47937994	48018689	-	3581	82.36754	0.011933	0.991247	0.356938	2.777086	0.006561	0.090749	1
ENSG0000	remission	Inflamed	PDGFD	protein_cc	chr11	1.04E+08	1.04E+08	-	4266	462.5919	0.002387	0.858594	0.309196	2.776864	0.006565	0.090749	1
ENSG0000	remission	Inflamed	PGF	protein_cc	chr14	75408537	75422487	-	5962	328.2267	0	-0.94933	0.341873	-2.77685	0.006565	0.090749	1
ENSG0000	remission	Inflamed	ACOXL	protein_cc	chr2	1.11E+08	1.12E+08	+	5747	50.00955	0.004773	-0.95071	0.34242	-2.77643	0.006573	0.090809	1
ENSG0000	remission	Inflamed	ERBB3	protein_cc	chr12	56473641	56497289	+	8651	11497.56	0	0.877388	0.316033	2.776252	0.006577	0.090809	1
ENSG0000	remission	Inflamed	LINC00526	lincRNA	chr18	5236723	5238597	-	1875	183.3986	0	0.528616	0.190489	2.775047	0.006599	0.091073	1
ENSG0000	remission	Inflamed	DPP7	protein_cc	chr9	1.4E+08	1.4E+08	-	2820	3208.95	0	-0.54141	0.195132	-2.77456	0.006608	0.091151	1
ENSG0000	remission	Inflamed	RP11-429J	lincRNA	chr8	1.45E+08	1.45E+08	-	1809	2.178998	0.508353	0.659899	0.237873	2.774169	0.006616	0.091206	1
ENSG0000	remission	Inflamed	RP11-15N7	sense_ove	chr3	99898411	99900574	+	2164	4.50358	0.217184	0.692466	0.249656	2.773677	0.006625	0.091286	1
ENSG0000	remission	Inflamed	ARHGAP36	protein_cc	chrX	1.3E+08	1.3E+08	+	3173	3.658711	0.498807	0.673099	0.242744	2.77288	0.00664	0.091445	1
ENSG0000	remission	Inflamed	AC007292	antisense	chr19	4363786	4364637	+	746	35.2315	0.00716	0.565677	0.204081	2.77182	0.00666	0.091674	1
ENSG0000	remission	Inflamed	ACOX1	protein_cc	chr17	73937588	73975515	-	8543	5789.78	0	0.636577	0.229676	2.771629	0.006664	0.091675	1
ENSG0000	remission	Inflamed	RP11-96D1	antisense	chr16	68259872	68263048	-	3177	741.6587	0	0.966999	0.348987	2.770877	0.006678	0.091807	1
ENSG0000	remission	Inflamed	GCOM1	protein_cc	chr15	57884106	58006943	+	7597	42.33174	0.031026	0.90058	0.325031	2.770751	0.00668	0.091807	1
ENSG0000	remission	Inflamed	APOC1	protein_cc	chr19	45417504	45422606	+	1231	515.2243	0	-0.83862	0.302688	-2.77057	0.006684	0.091807	1
ENSG0000	remission	Inflamed	CXCL11	protein_cc	chr4	76954835	76962568	-	1908	273.6396	0.031026	-1.62687	0.587282	-2.77016	0.006692	0.091853	1
ENSG0000	remission	Inflamed	IGLV5-45	IG_V_gene	chr22	22730355	22730874	+	397	1427.527	0	-1.28407	0.463561	-2.77	0.006695	0.091853	1
ENSG0000	remission	Inflamed	TRMT112	protein_cc	chr11	64083932	64085556	-	1625	1296.881	0	-0.46495	0.167869	-2.76975	0.0067	0.091853	1
ENSG0000	remission	Inflamed	RP11-845C	sense_intr	chr18	56038798	56039898	+	1101	2.816229	0.439141	0.647858	0.233925	2.769507	0.006704	0.091853	1
ENSG0000	remission	Inflamed	SGK223	protein_cc	chr8	8175258	8244008	-	4892	1724.205	0	0.683061	0.246639	2.769481	0.006705	0.091853	1

ENSG0000	remission	Inflamed	PPARGC1B	protein_cc chr5	1.49E+08	1.49E+08	+	12889	1901.635	0	0.79618	0.287523	2.7691	0.006712	0.091905	1
ENSG0000	remission	Inflamed	RP11-436I	pseudoger chr12	9280379	9281241	+	863	1.677804	0.608592	0.511866	0.184874	2.768729	0.006719	0.091954	1
ENSG0000	remission	Inflamed	TRPV1	protein_cc chr17	3468738	3500392	-	4995	18.09308	0.054893	0.741931	0.268011	2.76828	0.006728	0.091984	1
ENSG0000	remission	Inflamed	HCST	protein_cc chr19	36393382	36395279	+	613	363.1766	0	-0.65029	0.234921	-2.76814	0.00673	0.091984	1
ENSG0000	remission	Inflamed	NMT2	protein_cc chr10	15144583	15210692	-	5058	502.8377	0	0.522712	0.188838	2.768038	0.006732	0.091984	1
ENSG0000	remission	Inflamed	SNAI1	protein_cc chr20	48599536	48605423	+	1686	195.7446	0.002387	-1.04307	0.376848	-2.76788	0.006735	0.091984	1
ENSG0000	remission	Inflamed	RDH5	protein_cc chr12	56114151	56118489	+	2983	223.3795	0	0.652222	0.235686	2.767335	0.006746	0.092079	1
ENSG0000	remission	Inflamed	GPR3	protein_cc chr1	27719148	27722318	+	2115	15.92124	0.078759	-0.87839	0.317478	-2.76679	0.006756	0.092145	1
ENSG0000	remission	Inflamed	RNU6-377	snRNA chr3	12556205	12556306	+	102	1.066826	0.711217	0.440811	0.159326	2.766718	0.006758	0.092145	1
ENSG0000	remission	Inflamed	METAP1D	protein_cc chr2	1.73E+08	1.73E+08	+	4850	244.4296	0	0.525657	0.190016	2.766391	0.006764	0.092183	1
ENSG0000	remission	Inflamed	PPIAP30	pseudoger chr10	15196801	15197319	-	519	1.336516	0.656325	0.39328	0.142204	2.765605	0.006779	0.092314	1
ENSG0000	remission	Inflamed	APLN	protein_cc chrX	1.29E+08	1.29E+08	-	3220	93.99523	0.011933	-1.18052	0.426939	-2.76507	0.006789	0.092314	1
ENSG0000	remission	Inflamed	RP11-730k	antisense chr11	1.21E+08	1.21E+08	-	2908	13.00239	0.095465	0.929617	0.336203	2.765051	0.00679	0.092314	1
ENSG0000	remission	Inflamed	ST6GAL2	protein_cc chr2	1.07E+08	1.08E+08	-	7708	82.48687	0.064439	1.683514	0.608888	2.764898	0.006793	0.092314	1
ENSG0000	remission	Inflamed	LMO4	protein_cc chr1	87794151	87814606	+	5833	1948.279	0	-0.373	0.134907	-2.76489	0.006793	0.092314	1
ENSG0000	remission	Inflamed	HLA-DPA1	protein_cc chr6	33032346	33048552	-	5748	13032.76	0	-0.64567	0.233544	-2.76465	0.006797	0.092314	1
ENSG0000	remission	Inflamed	RP11-384L	sense_intr chr3	32278180	32280070	-	1891	73.43675	0.004773	0.714884	0.258583	2.764619	0.006798	0.092314	1
ENSG0000	remission	Inflamed	PRKCDBP	protein_cc chr11	6340176	6341877	-	1672	674.7876	0	-0.90875	0.328785	-2.76396	0.006811	0.09244	1
ENSG0000	remission	Inflamed	RN7SL737I	misc_RNA chr12	93903263	93903544	+	282	15.77566	0.062053	0.762448	0.275895	2.763546	0.006819	0.092493	1
ENSG0000	remission	Inflamed	SLC19A1	protein_cc chr21	46913486	46964325	-	9998	732.6301	0	-0.52761	0.19093	-2.76339	0.006822	0.092493	1
ENSG0000	remission	Inflamed	LY6G5C	protein_cc chr6	31644461	31651817	-	2621	80.45585	0	-0.37508	0.13575	-2.763	0.006829	0.092512	1
ENSG0000	remission	Inflamed	CTB-43E15	lincRNA chr5	1.73E+08	1.73E+08	-	2815	41.52029	0.085919	-1.35782	0.491436	-2.76296	0.00683	0.092512	1
ENSG0000	remission	Inflamed	C5AR2	protein_cc chr19	47835404	47846606	+	2826	133.1885	0.002387	-0.92729	0.335671	-2.76251	0.006839	0.092583	1
ENSG0000	remission	Inflamed	ATP1A1	protein_cc chr1	1.17E+08	1.17E+08	+	7261	64364.04	0	0.574892	0.208164	2.76173	0.006854	0.092739	1
ENSG0000	remission	Inflamed	IGKV6D-41	IG_V_gene chr2	90108504	90109080	+	371	11.75179	0.608592	-1.02939	0.37277	-2.76145	0.006859	0.092765	1
ENSG0000	remission	Inflamed	MAML2	protein_cc chr11	95709762	96076344	-	7106	819.5107	0	0.585338	0.212029	2.760656	0.006875	0.092927	1
ENSG0000	remission	Inflamed	MT1H	protein_cc chr16	56703726	56705041	+	723	317.8496	0	1.233062	0.446742	2.760124	0.006885	0.09302	1
ENSG0000	remission	Inflamed	CLPP	protein_cc chr19	6361463	6368919	+	2276	1570.136	0	-0.31093	0.112712	-2.75866	0.006914	0.093274	1
ENSG0000	remission	Inflamed	AC074363	lincRNA chr2	1.68E+08	1.68E+08	+	462	9.823389	0.150358	0.813807	0.295005	2.758621	0.006915	0.093274	1
ENSG0000	remission	Inflamed	GP6	protein_cc chr19	55525073	55549632	-	2703	10.63246	0.107399	0.736474	0.266972	2.758618	0.006915	0.093274	1
ENSG0000	remission	Inflamed	TAS2R4	protein_cc chr7	1.41E+08	1.41E+08	+	994	9.374702	0.150358	0.910178	0.33	2.758116	0.006925	0.093359	1
ENSG0000	remission	Inflamed	RP11-80H5	antisense chr10	91405039	91410424	+	605	1.085919	0.735084	0.409054	0.14836	2.757169	0.006943	0.093562	1
ENSG0000	remission	Inflamed	RTN2	protein_cc chr19	45988547	46000319	-	3238	294.3031	0	-0.5069	0.183939	-2.75578	0.006971	0.09384	1
ENSG0000	remission	Inflamed	TFE3	protein_cc chrX	48886242	48901012	-	4278	3137.461	0	-0.37108	0.134664	-2.75561	0.006974	0.09384	1
ENSG0000	remission	Inflamed	RGAG1	protein_cc chrX	1.1E+08	1.1E+08	+	5529	5.689737	0.212411	0.81827	0.29695	2.755581	0.006975	0.09384	1
ENSG0000	remission	Inflamed	DPM2	protein_cc chr9	1.31E+08	1.31E+08	-	3133	1263.885	0	-0.25289	0.091783	-2.75535	0.006979	0.093855	1
ENSG0000	remission	Inflamed	LINC01022	antisense chr7	1.58E+08	1.58E+08	+	394	0.949881	0.732697	0.418244	0.15181	2.755048	0.006985	0.093886	1
ENSG0000	remission	Inflamed	LUZP2	protein_cc chr11	24518516	25104150	+	8795	25.06921	0.109785	1.041659	0.378136	2.754718	0.006992	0.093926	1
ENSG0000	remission	Inflamed	AC021016	processed_chr2	2.19E+08	2.19E+08	-	775	11.11217	0.042959	-0.78391	0.284601	-2.75442	0.006998	0.093958	1
ENSG0000	remission	Inflamed	RP11-627C	processed_chr11	1.34E+08	1.34E+08	+	8255	495.0692	0.00716	1.341022	0.48697	2.753806	0.00701	0.094073	1

ENSG0000	remission	Inflamed	RP11-710M	pseudoger chr18	3580167	3580752	+	586	0.980907	0.754177	-0.36958	0.134252	-2.75289	0.007028	0.094269	1
ENSG0000	remission	Inflamed	RHBDD3	protein_cc chr22	29655841	29664198	-	3014	806.3723	0	-0.30835	0.112027	-2.75242	0.007037	0.094345	1
ENSG0000	remission	Inflamed	SH2D3C	protein_cc chr9	1.31E+08	1.31E+08	-	4599	860.6301	0	-0.76257	0.27709	-2.75206	0.007045	0.094395	1
ENSG0000	remission	Inflamed	REP15	protein_cc chr12	27849428	27850566	+	1139	643.5084	0	1.045896	0.380096	2.751664	0.007053	0.094453	1
ENSG0000	remission	Inflamed	FAAH	protein_cc chr1	46859937	46879520	+	2776	1533.542	0	0.659079	0.239579	2.750992	0.007066	0.094548	1
ENSG0000	remission	Inflamed	FADS1	protein_cc chr11	61567099	61596790	-	10228	770.42	0	-0.94928	0.345086	-2.75084	0.007069	0.094548	1
ENSG0000	remission	Inflamed	PHLPP1	protein_cc chr18	60382672	60647666	+	9153	1252.492	0	0.543733	0.197666	2.750769	0.00707	0.094548	1
ENSG0000	remission	Inflamed	GPRIN2	protein_cc chr10	46994087	47005643	+	7985	2383.253	0	1.13461	0.412533	2.750351	0.007079	0.094612	1
ENSG0000	remission	Inflamed	DNAAF1	protein_cc chr16	84178865	84212373	+	5939	22.34368	0.198091	-1.28532	0.467502	-2.74935	0.007099	0.094827	1
ENSG0000	remission	Inflamed	CXCL9	protein_cc chr4	76922428	76928641	-	2740	1442.196	0	-1.45527	0.529413	-2.74884	0.007109	0.094827	1
ENSG0000	remission	Inflamed	RP11-191C	antisense chr1	51983981	52027301	+	476	31.93556	0.002387	0.671784	0.244389	2.748834	0.007109	0.094827	1
ENSG0000	remission	Inflamed	RYR3	protein_cc chr15	33603163	34158303	+	16041	30.23389	0.050119	1.091357	0.397026	2.748829	0.007109	0.094827	1
ENSG0000	remission	Inflamed	CTA-445C	lincRNA chr22	26917949	26921002	-	3054	195.3842	0	-0.59802	0.217592	-2.74835	0.007119	0.094909	1
ENSG0000	remission	Inflamed	MT1A	protein_cc chr16	56672578	56673999	+	396	29.65632	0.02148	0.924241	0.336366	2.747723	0.007132	0.095015	1
ENSG0000	remission	Inflamed	IL13	protein_cc chr5	1.32E+08	1.32E+08	+	2887	6.26969	0.472554	-0.98513	0.358544	-2.74759	0.007134	0.095015	1
ENSG0000	remission	Inflamed	RP11-297H	protein_cc chr8	11655437	11660077	-	1091	11.36277	0.031026	0.58601	0.213316	2.74714	0.007143	0.095089	1
ENSG0000	remission	Inflamed	CTC-297N	antisense chr17	10633094	10718481	+	2102	66.49403	0	0.597841	0.217661	2.74666	0.007153	0.095145	1
ENSG0000	remission	Inflamed	IGHV3OR1	IG_V_pseu chr16	33740804	33741266	-	360	2.190931	0.622912	-0.69069	0.251476	-2.74656	0.007155	0.095145	1
ENSG0000	remission	Inflamed	RP11-1084	protein_cc chr5	33987279	34124633	-	3424	1.081146	0.72315	0.446851	0.162705	2.746394	0.007159	0.095145	1
ENSG0000	remission	Inflamed	OR51E1	protein_cc chr11	4664650	4676718	+	3614	55.79475	0.004773	-0.78825	0.28706	-2.74596	0.007167	0.095214	1
ENSG0000	remission	Inflamed	AC007128	antisense chr7	8301894	8384146	+	1853	2.300716	0.73031	0.627882	0.228686	2.745607	0.007174	0.095214	1
ENSG0000	remission	Inflamed	LRRC18	protein_cc chr10	50117528	50143242	-	1784	15.11695	0.064439	0.891901	0.324847	2.745603	0.007175	0.095214	1
ENSG0000	remission	Inflamed	CDC14A	protein_cc chr1	1.01E+08	1.01E+08	+	5729	413.389	0.002387	0.856393	0.312016	2.744705	0.007193	0.095408	1
ENSG0000	remission	Inflamed	MTRNR2L	protein_cc chr7	1.42E+08	1.42E+08	+	1447	9.508353	0.107399	0.756882	0.275831	2.744007	0.007207	0.09553	1
ENSG0000	remission	Inflamed	ABCG5	protein_cc chr2	44039611	44066004	-	3720	47.50119	0.033413	-1.07787	0.392826	-2.74389	0.007209	0.09553	1
ENSG0000	remission	Inflamed	ETFDH	protein_cc chr4	1.6E+08	1.6E+08	+	4493	1232.37	0	0.594597	0.21674	2.74336	0.00722	0.095627	1
ENSG0000	remission	Inflamed	SLC36A1	protein_cc chr5	1.51E+08	1.51E+08	+	6980	3069.685	0	0.630917	0.230001	2.743112	0.007225	0.095645	1
ENSG0000	remission	Inflamed	FAM86FP	pseudoger chr12	8385108	8395544	-	994	36.15513	0.002387	0.522771	0.19059	2.742906	0.007229	0.09565	1
ENSG0000	remission	Inflamed	CLEC1A	protein_cc chr12	10222153	10264226	-	3169	93.96181	0.004773	-0.76781	0.279942	-2.74274	0.007233	0.09565	1
ENSG0000	remission	Inflamed	MCF2L	protein_cc chr13	1.14E+08	1.14E+08	+	23204	3256.573	0	0.564104	0.205695	2.742422	0.007239	0.095688	1
ENSG0000	remission	Inflamed	SIGLEC5	protein_cc chr19	52114781	52150151	-	3319	41.52983	0.038186	-1.20149	0.438216	-2.74177	0.007253	0.095815	1
ENSG0000	remission	Inflamed	C11orf84	protein_cc chr11	63580860	63595190	+	2807	558.9928	0	-0.43496	0.158671	-2.74128	0.007263	0.0959	1
ENSG0000	remission	Inflamed	CYP2AB1P	pseudoger chr3	1.84E+08	1.84E+08	-	1831	7.73031	0.486874	-1.154	0.421086	-2.74054	0.007278	0.096007	1
ENSG0000	remission	Inflamed	C8orf47	protein_cc chr8	99076539	99105838	+	1761	33.6969	0.031026	0.925675	0.337772	2.740533	0.007278	0.096007	1
ENSG0000	remission	Inflamed	SSTR1	protein_cc chr14	38677204	38682272	+	4295	479.673	0.004773	1.016027	0.370777	2.740262	0.007284	0.09602	1
ENSG0000	remission	Inflamed	RP11-150C	lincRNA chr8	37454998	37457376	-	2379	292.463	0.00716	0.846941	0.309088	2.74013	0.007286	0.09602	1
ENSG0000	remission	Inflamed	CTD-2134	lincRNA chr14	1.04E+08	1.04E+08	-	582	6.587112	0.140811	0.63127	0.230423	2.739621	0.007297	0.096109	1
ENSG0000	remission	Inflamed	ATF5	protein_cc chr19	50431959	50437192	+	2954	1825.372	0	-0.39004	0.142459	-2.73788	0.007333	0.096535	1
ENSG0000	remission	Inflamed	C6orf226	protein_cc chr6	42858005	42858554	-	550	95.90692	0	-0.45485	0.166153	-2.73756	0.007339	0.096537	1
ENSG0000	remission	Inflamed	KRT18P26	pseudoger chr2	74533855	74535135	-	1281	2.281623	0.455847	-0.51587	0.188444	-2.73752	0.00734	0.096537	1

ENSG0000	remission	Inflamed	PLD3	protein_cc chr19	40854363	40886346	+	5184	8170.141	0	-0.43609	0.15932	-2.73719	0.007347	0.096538	1
ENSG0000	remission	Inflamed	AC069213	pseudoger chr3	1.95E+08	1.95E+08	+	1680	331.8401	0.004773	0.982328	0.3589	2.737054	0.00735	0.096538	1
ENSG0000	remission	Inflamed	SLC2A6	protein_cc chr9	1.36E+08	1.36E+08	-	3540	464.7566	0	-0.85264	0.311584	-2.73648	0.007362	0.096538	1
ENSG0000	remission	Inflamed	TREH	protein_cc chr11	1.19E+08	1.19E+08	-	3181	165.1766	0.004773	0.974302	0.356053	2.736391	0.007364	0.096538	1
ENSG0000	remission	Inflamed	ZDHC3	protein_cc chr3	44956749	45017677	-	7609	7289.623	0	0.299885	0.109599	2.736205	0.007368	0.096538	1
ENSG0000	remission	Inflamed	RP11-362L	sense_intr chr14	1.01E+08	1.01E+08	+	606	1.653938	0.553699	0.482614	0.176382	2.736194	0.007368	0.096538	1
ENSG0000	remission	Inflamed	RP11-349k	lincRNA chr12	1.29E+08	1.29E+08	-	552	101.4773	0.100239	1.395776	0.510156	2.73598	0.007372	0.096538	1
ENSG0000	remission	Inflamed	SLC26A6	protein_cc chr3	48663156	48672926	-	6373	3176.695	0	0.487456	0.178169	2.73592	0.007373	0.096538	1
ENSG0000	remission	Inflamed	LAPTM5	protein_cc chr1	31205316	31230667	-	3274	9853.138	0	-0.61723	0.225626	-2.73565	0.007379	0.096538	1
ENSG0000	remission	Inflamed	MIR600HC	sense_intr chr9	1.26E+08	1.26E+08	-	5984	446.6921	0.004773	0.889484	0.325155	2.735566	0.007381	0.096538	1
ENSG0000	remission	Inflamed	RP11-690C	lincRNA chr17	37408897	37410550	-	1654	172.9737	0.002387	0.589566	0.21552	2.735544	0.007381	0.096538	1
ENSG0000	remission	Inflamed	CNGA4	protein_cc chr11	6255995	6265659	+	2167	4.828162	0.205251	0.541578	0.197989	2.735393	0.007384	0.096538	1
ENSG0000	remission	Inflamed	EFCAB5	protein_cc chr17	28256218	28435470	+	6928	21.24344	0.01432	0.724426	0.264946	2.734242	0.007408	0.096803	1
ENSG0000	remission	Inflamed	CORO1A	protein_cc chr16	30194148	30200397	+	4871	5579.179	0	-0.75586	0.276519	-2.73349	0.007424	0.096952	1
ENSG0000	remission	Inflamed	RBPM5-AS	antisense chr8	30239635	30242917	-	1171	16.65632	0.0358	-0.68865	0.251954	-2.73323	0.00743	0.096952	1
ENSG0000	remission	Inflamed	IGLJ1	IG_J_gene chr22	23235872	23235998	+	127	6.570406	0.143198	-0.66224	0.242299	-2.73317	0.007431	0.096952	1
ENSG0000	remission	Inflamed	SLC35D1	protein_cc chr1	67465015	67519782	-	7154	4387.673	0	0.788501	0.288553	2.732604	0.007443	0.097012	1
ENSG0000	remission	Inflamed	SLC4A11	protein_cc chr20	3208063	3219836	-	4081	176.3604	0.004773	-0.91536	0.334979	-2.7326	0.007443	0.097012	1
ENSG0000	remission	Inflamed	NEK3	protein_cc chr13	52706775	52733996	-	4272	731.6874	0	0.697971	0.255481	2.731992	0.007456	0.097043	1
ENSG0000	remission	Inflamed	NHSL1	protein_cc chr6	1.39E+08	1.39E+08	-	8741	4314.566	0	0.772605	0.282823	2.731764	0.00746	0.097043	1
ENSG0000	remission	Inflamed	MYH7B	protein_cc chr20	33563206	33590240	+	7929	46.62291	0.023866	0.651009	0.238316	2.7317	0.007462	0.097043	1
ENSG0000	remission	Inflamed	MNX1-AS1	antisense chr7	1.57E+08	1.57E+08	+	1041	19.8043	0.026253	0.744181	0.272431	2.731636	0.007463	0.097043	1
ENSG0000	remission	Inflamed	LCP2	protein_cc chr5	1.7E+08	1.7E+08	-	7231	2017.652	0	-0.77055	0.282087	-2.73161	0.007464	0.097043	1
ENSG0000	remission	Inflamed	FMO3	protein_cc chr1	1.71E+08	1.71E+08	+	3463	39.94749	0.026253	-0.97918	0.358489	-2.73141	0.007468	0.097048	1
ENSG0000	remission	Inflamed	CTC-205M	sense_ove chr5	1.8E+08	1.8E+08	-	3088	114.7876	0.009547	-0.70455	0.257964	-2.7312	0.007472	0.097052	1
ENSG0000	remission	Inflamed	LRP6	protein_cc chr12	12268959	12419946	-	10337	1082.556	0	0.729709	0.267196	2.730988	0.007477	0.097052	1
ENSG0000	remission	Inflamed	RP11-283C	antisense chr12	26278088	26279550	-	826	52.00477	0.026253	0.728456	0.266782	2.730534	0.007486	0.097052	1
ENSG0000	remission	Inflamed	LDHAP4	pseudoger chr9	14921335	14922332	-	998	138.3079	0.004773	-0.64753	0.237147	-2.7305	0.007487	0.097052	1
ENSG0000	remission	Inflamed	ANXA10	protein_cc chr4	1.69E+08	1.69E+08	+	1812	114.7494	0.367542	-2.03109	0.743913	-2.73027	0.007492	0.097052	1
ENSG0000	remission	Inflamed	SPIRE2	protein_cc chr16	89884587	89937727	+	7975	2301.699	0	0.716906	0.262587	2.730168	0.007494	0.097052	1
ENSG0000	remission	Inflamed	RP11-488L	pseudoger chr1	2.47E+08	2.47E+08	-	1670	2.539379	0.477327	0.598864	0.219362	2.73002	0.007497	0.097052	1
ENSG0000	remission	Inflamed	KCNH8	protein_cc chr3	19189946	19577138	+	6232	63.45107	0.011933	0.97566	0.357421	2.729724	0.007503	0.097052	1
ENSG0000	remission	Inflamed	FAT3	protein_cc chr11	92085262	92629618	+	19420	16.37709	0.081146	0.884089	0.323881	2.729676	0.007504	0.097052	1
ENSG0000	remission	Inflamed	ZSCAN9	protein_cc chr6	28192664	28201260	+	3705	338.0191	0	0.469875	0.172137	2.729649	0.007505	0.097052	1
ENSG0000	remission	Inflamed	CCT8P1	pseudoger chr1	1.47E+08	1.47E+08	-	1657	63.72315	0.009547	0.860163	0.315187	2.729054	0.007518	0.097131	1
ENSG0000	remission	Inflamed	ARID3A	protein_cc chr19	925781	975939	+	7504	1040.315	0	-0.62115	0.227611	-2.72901	0.007518	0.097131	1
ENSG0000	remission	Inflamed	AGAP2-AS	protein_cc chr12	58120054	58122139	+	1500	225.1862	0	-0.50244	0.184122	-2.72881	0.007523	0.097137	1
ENSG0000	remission	Inflamed	CARD9	protein_cc chr9	1.39E+08	1.39E+08	-	6699	249.4582	0	-0.57401	0.21037	-2.72858	0.007528	0.097154	1
ENSG0000	remission	Inflamed	MFSD9	protein_cc chr2	1.03E+08	1.03E+08	-	4367	1212.535	0	0.442764	0.162345	2.727312	0.007555	0.097453	1
ENSG0000	remission	Inflamed	CTC-360G	protein_cc chr19	39399620	39402798	-	1057	5.801909	0.167064	0.6396	0.234542	2.727015	0.007561	0.097459	1

ENSG0000	remission	Inflamed	SAMD11	protein_cc chr1	860260	879955	+	3205	499.1146	0	-0.58419	0.214231	-2.72694	0.007562	0.097459	1
ENSG0000	remission	Inflamed	CHMP4C	protein_cc chr8	82644669	82671750	+	1866	646.136	0	0.750131	0.275128	2.726478	0.007572	0.097539	1
ENSG0000	remission	Inflamed	CPT1A	protein_cc chr11	68522088	68611878	-	6565	11477.06	0	0.562663	0.20647	2.725161	0.0076	0.097853	1
ENSG0000	remission	Inflamed	HTRA3	protein_cc chr4	8271492	8308838	+	3321	1223.031	0	-1.0289	0.377632	-2.72461	0.007612	0.097879	1
ENSG0000	remission	Inflamed	PARD6A	protein_cc chr16	67694849	67696681	+	1488	126.3389	0	-0.47265	0.173482	-2.72448	0.007615	0.097879	1
ENSG0000	remission	Inflamed	GIPC2	protein_cc chr1	78445226	78604133	+	3973	875.895	0	0.792706	0.290967	2.724379	0.007617	0.097879	1
ENSG0000	remission	Inflamed	HOXB2	protein_cc chr17	46618256	46623441	-	3460	287.9714	0	-0.51701	0.189784	-2.72423	0.00762	0.097879	1
ENSG0000	remission	Inflamed	TSEN2	protein_cc chr3	12525931	12581122	+	5667	441.4439	0	0.631587	0.231848	2.724147	0.007622	0.097879	1
ENSG0000	remission	Inflamed	LRG1	protein_cc chr19	4536421	4540486	-	3133	2379.876	0	-0.58566	0.214999	-2.72402	0.007625	0.097879	1
ENSG0000	remission	Inflamed	XX-C283C7	antisense chr22	50753060	50754437	+	531	2.505967	0.47494	-0.60711	0.222908	-2.72359	0.007634	0.097933	1
ENSG0000	remission	Inflamed	ZFAT	protein_cc chr8	1.35E+08	1.36E+08	-	8900	450.1885	0	-0.32258	0.118444	-2.72348	0.007636	0.097933	1
ENSG0000	remission	Inflamed	AC016735	lincRNA chr2	43228495	43233200	-	237	11.65155	0.02148	0.680602	0.249954	2.722906	0.007649	0.098043	1
ENSG0000	remission	Inflamed	UCN2	protein_cc chr3	48599160	48601206	-	1481	63.98807	0.140811	-1.65084	0.606353	-2.72258	0.007656	0.098043	1
ENSG0000	remission	Inflamed	RP5-1013A	lincRNA chr20	43062837	43063236	+	400	16.06444	0.047733	0.758068	0.278439	2.722562	0.007656	0.098043	1
ENSG0000	remission	Inflamed	CNPY3	protein_cc chr6	42896938	42907025	+	1704	1789.208	0	-0.37425	0.137488	-2.72207	0.007667	0.09813	1
ENSG0000	remission	Inflamed	VASN	protein_cc chr16	4421849	4433529	+	2806	841.0716	0	-0.93197	0.342408	-2.72181	0.007672	0.098153	1
ENSG0000	remission	Inflamed	EMR1	protein_cc chr19	6887577	6940470	+	3707	238.568	0	-0.92585	0.340237	-2.72119	0.007686	0.098234	1
ENSG0000	remission	Inflamed	SRGAP1	protein_cc chr12	64238073	64541613	+	12253	978.0907	0	0.585018	0.214994	2.721085	0.007688	0.098234	1
ENSG0000	remission	Inflamed	C6orf223	protein_cc chr6	43968317	43973695	+	3917	399.2267	0	-1.05492	0.387699	-2.72098	0.00769	0.098234	1
ENSG0000	remission	Inflamed	PGLYRP1	protein_cc chr19	46522411	46526323	-	720	27.10024	0.131265	-1.30966	0.481359	-2.72076	0.007695	0.098234	1
ENSG0000	remission	Inflamed	RP11-203J	processed_chr9	1.31E+08	1.31E+08	-	1160	107.1814	0.01432	1.183998	0.435223	2.720442	0.007702	0.098234	1
ENSG0000	remission	Inflamed	AC092171	antisense chr7	5459477	5462753	+	753	2.610979	0.372315	0.518599	0.190637	2.720351	0.007704	0.098234	1
ENSG0000	remission	Inflamed	LGALS1	protein_cc chr22	38071615	38075813	+	1099	3500.754	0	-0.80307	0.295214	-2.72031	0.007705	0.098234	1
ENSG0000	remission	Inflamed	TREML4	protein_cc chr6	41196062	41206620	+	2712	4.245823	0.73031	-0.71679	0.263532	-2.71993	0.007713	0.098244	1
ENSG0000	remission	Inflamed	IGFBP7	protein_cc chr4	57896939	57976551	-	1932	8715.718	0	-0.79658	0.292897	-2.71964	0.007719	0.098244	1
ENSG0000	remission	Inflamed	GAPDHP7	pseudoger chr6	1.66E+08	1.66E+08	+	1010	1.243437	0.708831	-0.39662	0.14584	-2.71958	0.007721	0.098244	1
ENSG0000	remission	Inflamed	HOXA6	protein_cc chr7	27185015	27190222	-	1285	230.8687	0.016706	0.950953	0.34969	2.719421	0.007724	0.098244	1
ENSG0000	remission	Inflamed	OIT3	protein_cc chr10	74653339	74692791	+	2365	30.70644	0.054893	-1.00404	0.369212	-2.71941	0.007724	0.098244	1
ENSG0000	remission	Inflamed	SLC4A2	protein_cc chr7	1.51E+08	1.51E+08	+	7590	4335.215	0	-0.4002	0.147209	-2.71855	0.007743	0.09837	1
ENSG0000	remission	Inflamed	CTD-2196f	lincRNA chr16	23683453	23686820	+	372	44.35561	0.02148	0.675226	0.248384	2.718474	0.007745	0.09837	1
ENSG0000	remission	Inflamed	GSDMC	protein_cc chr8	1.31E+08	1.31E+08	-	2934	24.41289	0.095465	-1.06801	0.392877	-2.71844	0.007745	0.09837	1
ENSG0000	remission	Inflamed	DCPS	protein_cc chr11	1.26E+08	1.26E+08	+	3352	717.6062	0	-0.35988	0.132413	-2.71788	0.007758	0.098479	1
ENSG0000	remission	Inflamed	PCDHA3	protein_cc chr5	1.4E+08	1.4E+08	+	5341	6.386635	0.131265	0.688619	0.253417	2.717338	0.007769	0.098483	1
ENSG0000	remission	Inflamed	CEBPE	protein_cc chr14	23586513	23588825	-	1554	64.50835	0.01432	-1.05105	0.386806	-2.71726	0.007771	0.098483	1
ENSG0000	remission	Inflamed	TRAK1	protein_cc chr3	42055294	42267381	+	10992	5640.623	0	0.465621	0.171389	2.716756	0.007782	0.098483	1
ENSG0000	remission	Inflamed	DYRK2	protein_cc chr12	68042118	68059186	+	9494	3665.859	0	0.720076	0.265055	2.716709	0.007783	0.098483	1
ENSG0000	remission	Inflamed	RP11-210f	protein_cc chr15	80637195	80695917	-	787	1.995227	0.48926	0.492039	0.181124	2.716589	0.007786	0.098483	1
ENSG0000	remission	Inflamed	SLC35F6	protein_cc chr2	26987152	27004099	+	3902	2279.37	0	-0.32012	0.117838	-2.71658	0.007786	0.098483	1
ENSG0000	remission	Inflamed	AC024592	antisense chr19	5847478	5858250	+	1188	30.47255	0.085919	1.06063	0.39044	2.716499	0.007788	0.098483	1
ENSG0000	remission	Inflamed	AC011747	lincRNA chr2	8683722	8715631	-	1036	12.31981	0.064439	0.787555	0.289916	2.716489	0.007788	0.098483	1

ENSG0000	remission	Inflamed	CTSC	protein_cc	chr11	88026760	88070955	-	11421	7865.368	0	-0.44925	0.165397	-2.71617	0.007795	0.098523	1
ENSG0000	remission	Inflamed	ULBP2	protein_cc	chr6	1.5E+08	1.5E+08	+	1349	10.57518	0.116945	-0.89711	0.330322	-2.71586	0.007802	0.098547	1
ENSG0000	remission	Inflamed	CTD-2196E	antisense	chr16	23698370	23699665	-	473	30.36516	0.02148	0.820252	0.302073	2.71541	0.007812	0.098547	1
ENSG0000	remission	Inflamed	RP11-423E	antisense	chr5	1.77E+08	1.77E+08	+	1421	13.95943	0.026253	0.603246	0.22216	2.715366	0.007813	0.098547	1
ENSG0000	remission	Inflamed	DTX4	protein_cc	chr11	58938903	58976060	+	6072	5949.203	0	0.458328	0.168794	2.715306	0.007814	0.098547	1
ENSG0000	remission	Inflamed	CTD-3051E	lincRNA	chr14	1.05E+08	1.05E+08	-	1045	10.82578	0.169451	0.861715	0.317364	2.715229	0.007816	0.098547	1
ENSG0000	remission	Inflamed	RP11-428E	antisense	chr1	1.79E+08	1.79E+08	-	1980	30.62053	0.011933	-0.66791	0.246062	-2.71442	0.007833	0.098693	1
ENSG0000	remission	Inflamed	RP11-875C	antisense	chr8	22842109	22876848	-	2268	98.22196	0	-0.59102	0.21774	-2.71434	0.007835	0.098693	1
ENSG0000	remission	Inflamed	APOE	protein_cc	chr19	45409011	45412650	+	2191	6253.969	0	-0.65265	0.240458	-2.71419	0.007838	0.098693	1
ENSG0000	remission	Inflamed	GUCA2B	protein_cc	chr1	42619092	42621495	+	597	1477.284	0.004773	1.851916	0.682397	2.713838	0.007846	0.098743	1
ENSG0000	remission	Inflamed	MAPK11	protein_cc	chr22	50702142	50709196	-	3321	350.1002	0	-0.80495	0.296653	-2.71344	0.007855	0.098794	1
ENSG0000	remission	Inflamed	SLC35G2	protein_cc	chr3	1.37E+08	1.37E+08	+	4287	74.97136	0.004773	-0.82514	0.304155	-2.71291	0.007867	0.098794	1
ENSG0000	remission	Inflamed	GLYATL3	protein_cc	chr6	49467671	49494760	+	1124	1.880668	0.649165	0.572031	0.210865	2.712785	0.007869	0.098794	1
ENSG0000	remission	Inflamed	CHRNE	protein_cc	chr17	4801069	4806369	-	2641	51.42005	0	-0.655	0.241452	-2.71276	0.00787	0.098794	1
ENSG0000	remission	Inflamed	RP11-363E	sense_ove	chr9	19453207	19455171	+	1965	208.4033	0.002387	0.89654	0.330505	2.712638	0.007873	0.098794	1
ENSG0000	remission	Inflamed	CASP4	protein_cc	chr11	1.05E+08	1.05E+08	-	7256	1541.778	0	-0.66658	0.245731	-2.71263	0.007873	0.098794	1
ENSG0000	remission	Inflamed	CTD-2523E	antisense	chr11	1.2E+08	1.2E+08	+	523	11.05251	0.033413	0.615559	0.226968	2.712094	0.007885	0.098896	1
ENSG0000	remission	Inflamed	C12orf45	protein_cc	chr12	1.05E+08	1.05E+08	+	1424	233.8401	0	-0.38467	0.141857	-2.71167	0.007894	0.098931	1
ENSG0000	remission	Inflamed	AL020996	protein_cc	chr1	26145212	26147288	-	2077	22.30788	0.016706	0.51257	0.189027	2.711626	0.007895	0.098931	1
ENSG0000	remission	Inflamed	LY6D	protein_cc	chr8	1.44E+08	1.44E+08	-	1553	75.7852	0.367542	-1.91483	0.706273	-2.71118	0.007905	0.099009	1
ENSG0000	remission	Inflamed	RELB	protein_cc	chr19	45504688	45541452	+	3031	1684.542	0	-0.46241	0.170595	-2.71056	0.007919	0.099134	1
ENSG0000	remission	Inflamed	RP11-708E	lincRNA	chr17	47249257	47250608	+	1352	502.0167	0.042959	1.686149	0.622188	2.710032	0.00793	0.099228	1
ENSG0000	remission	Inflamed	MYO1G	protein_cc	chr7	45002261	45018697	-	8653	1283.862	0	-0.76628	0.282771	-2.70988	0.007934	0.099228	1
ENSG0000	remission	Inflamed	PROC	protein_cc	chr2	1.28E+08	1.28E+08	+	2495	32.54415	0.011933	0.732711	0.270409	2.709644	0.007939	0.099246	1
ENSG0000	remission	Inflamed	NR3C2	protein_cc	chr4	1.49E+08	1.49E+08	-	6607	2936.229	0	1.056755	0.390027	2.709442	0.007943	0.099255	1
ENSG0000	remission	Inflamed	RP11-542E	antisense	chr9	1.25E+08	1.25E+08	+	259	2.582339	0.548926	-0.68961	0.254548	-2.70917	0.007949	0.099263	1
ENSG0000	remission	Inflamed	BCL2L14	protein_cc	chr12	12202778	12364018	+	5112	841.8449	0	0.822136	0.303498	2.708865	0.007956	0.099263	1
ENSG0000	remission	Inflamed	TM4SF20	protein_cc	chr2	2.28E+08	2.28E+08	-	2757	903.5632	0.026253	-1.78328	0.658419	-2.70842	0.007966	0.099263	1
ENSG0000	remission	Inflamed	HLA-DPB1	protein_cc	chr6	33043703	33054978	+	2862	7398.523	0	-0.59156	0.218421	-2.70835	0.007968	0.099263	1
ENSG0000	remission	Inflamed	ELL2	protein_cc	chr5	95220802	95297775	-	7246	2321.671	0	-0.78369	0.289361	-2.70834	0.007968	0.099263	1
ENSG0000	remission	Inflamed	RPS10P7	lincRNA	chr1	2.01E+08	2.01E+08	+	2329	87.69451	0	0.572358	0.211342	2.7082	0.007971	0.099263	1
ENSG0000	remission	Inflamed	IGLV9-49	IG_V_gene	chr22	22697539	22698084	+	409	434.5394	0.004773	-1.4631	0.540284	-2.70803	0.007975	0.099263	1
ENSG0000	remission	Inflamed	BCL6	protein_cc	chr3	1.87E+08	1.87E+08	-	5938	1540.241	0	-0.88989	0.328622	-2.70793	0.007977	0.099263	1
ENSG0000	remission	Inflamed	RP11-175E	lincRNA	chr5	1.59E+08	1.59E+08	+	3214	22.50358	0.023866	-0.86024	0.31768	-2.70789	0.007978	0.099263	1
ENSG0000	remission	Inflamed	CTD-2616E	sense_intr	chr19	51864966	51868798	-	473	15.20286	0.076372	0.729531	0.269468	2.707304	0.007991	0.09936	1
ENSG0000	remission	Inflamed	ANKRD16	protein_cc	chr10	5903580	5931869	-	3059	260.42	0	-0.3484	0.128696	-2.70712	0.007995	0.09936	1
ENSG0000	remission	Inflamed	ABAT	protein_cc	chr16	8768422	8878432	+	9744	1102.709	0	0.645647	0.238525	2.706827	0.008002	0.09936	1
ENSG0000	remission	Inflamed	RP11-834E	lincRNA	chr12	54555849	54558236	-	754	2.484487	0.47494	0.579356	0.214041	2.706747	0.008004	0.09936	1
ENSG0000	remission	Inflamed	DNMBP	protein_cc	chr10	1.02E+08	1.02E+08	-	8634	3311.007	0	0.611048	0.225754	2.706699	0.008005	0.09936	1
ENSG0000	remission	Inflamed	RPL39L	protein_cc	chr3	1.87E+08	1.87E+08	-	1060	107.0788	0	-0.64651	0.238961	-2.7055	0.008032	0.099646	1

ENSG0000	remission	Inflamed	RP11-245J	lincRNA	chr3	63993758	63994368	-	611	1.930788	0.5179	0.515991	0.190759	2.704942	0.008044	0.099701	1
ENSG0000	remission	Inflamed	FAP	protein_cc	chr2	1.63E+08	1.63E+08	-	7003	181.5656	0.01432	-1.46764	0.542593	-2.70487	0.008046	0.099701	1
ENSG0000	remission	Inflamed	RP11-3K16	sense_intr	chr3	1.69E+08	1.69E+08	-	513	0.842482	0.799523	0.400427	0.148045	2.704767	0.008048	0.099701	1
ENSG0000	remission	Inflamed	RP11-247L	lincRNA	chr14	50793244	50794627	-	446	41.73747	0.011933	0.818449	0.302623	2.70452	0.008054	0.099701	1
ENSG0000	remission	Inflamed	SERPINF2	protein_cc	chr17	1646130	1658562	+	2348	170.5847	0	-0.64104	0.237037	-2.70438	0.008057	0.099701	1
ENSG0000	remission	Inflamed	CTSL	protein_cc	chr9	90340434	90346308	+	2366	2232.069	0	-0.68497	0.253291	-2.7043	0.008059	0.099701	1
ENSG0000	remission	Inflamed	SNAI3	protein_cc	chr16	88744090	88752901	-	1732	139.6301	0	-0.6301	0.233105	-2.70309	0.008086	0.09999	1
ENSG0000	response	Inflamed	FAM101A	protein_cc	chr12	1.24E+08	1.25E+08	+	2969	1472.277	0	1.298589	0.160884	8.071602	1.69E-12	4.43E-08	4.43E-08
ENSG0000	response	Inflamed	SSTR3	protein_cc	chr22	37600278	37608362	-	4520	59.72554	0.002387	-1.58726	0.207557	-7.64735	1.36E-11	1.45E-07	3.56E-07
ENSG0000	response	Inflamed	PCBP3	protein_cc	chr21	47063608	47362368	+	6796	223.2792	0	-1.47383	0.193784	-7.60554	1.66E-11	1.45E-07	4.37E-07
ENSG0000	response	Inflamed	CTB-41I6.1	lincRNA	chr17	8869213	8870387	+	402	11.28878	0.033413	-1.03862	0.137615	-7.54727	2.21E-11	1.45E-07	5.81E-07
ENSG0000	response	Inflamed	LILRA1	protein_cc	chr19	55105047	55113555	+	3587	185.6158	0.002387	-1.61939	0.221036	-7.32636	6.45E-11	2.66E-07	1.70E-06
ENSG0000	response	Inflamed	ROPN1L	protein_cc	chr5	10441636	10472141	+	1817	12.76134	0.159905	-1.50479	0.205406	-7.32591	6.47E-11	2.66E-07	1.70E-06
ENSG0000	response	Inflamed	CHST2	protein_cc	chr3	1.43E+08	1.43E+08	+	3526	1500.232	0	-1.49141	0.204105	-7.30707	7.08E-11	2.66E-07	1.86E-06
ENSG0000	response	Inflamed	TXNDC15	protein_cc	chr5	1.34E+08	1.34E+08	+	5265	1818.881	0	-0.71221	0.099043	-7.19093	1.24E-10	4.07E-07	3.26E-06
ENSG0000	response	Inflamed	RP11-420I	processed_chr	chr16	5289803	6826015	+	2019	9.508353	0.105012	1.077104	0.150479	7.15782	1.45E-10	4.25E-07	3.82E-06
ENSG0000	response	Inflamed	C19orf59	protein_cc	chr19	7741514	7744712	+	1906	68.80191	0.221957	-2.73257	0.386116	-7.07706	2.14E-10	5.17E-07	5.63E-06
ENSG0000	response	Inflamed	TNNC2	protein_cc	chr20	44451853	44462384	-	876	49.20286	0.019093	1.549815	0.219051	7.075125	2.16E-10	5.17E-07	5.68E-06
ENSG0000	response	Inflamed	AC112721	lincRNA	chr2	2.38E+08	2.38E+08	-	541	4.224344	0.408115	-1.20359	0.171355	-7.02393	2.76E-10	5.89E-07	7.26E-06
ENSG0000	response	Inflamed	RP11-443E	lincRNA	chr1	2.35E+08	2.35E+08	-	846	5.584726	0.212411	-1.07868	0.154015	-7.00372	3.04E-10	5.89E-07	8.00E-06
ENSG0000	response	Inflamed	CHRD12	protein_cc	chr11	74407474	74442430	-	3073	621.5513	0.011933	-2.77488	0.396576	-6.99709	3.14E-10	5.89E-07	8.25E-06
ENSG0000	response	Inflamed	CHI3L2	protein_cc	chr1	1.12E+08	1.12E+08	+	3295	372.3294	0	-2.40214	0.344098	-6.98096	3.39E-10	5.94E-07	8.91E-06
ENSG0000	response	Inflamed	ICAM3	protein_cc	chr19	10444452	10450499	-	2950	2064.184	0	-1.04467	0.150211	-6.95466	3.84E-10	6.31E-07	1.01E-05
ENSG0000	response	Inflamed	CTB-61M7	lincRNA	chr19	55402039	55402786	+	748	32.65632	0.312649	-2.32936	0.336677	-6.91866	4.56E-10	7.05E-07	1.20E-05
ENSG0000	response	Inflamed	PIM2	protein_cc	chrX	48770459	48776301	-	2761	7614.1	0	-1.63453	0.237166	-6.89194	5.18E-10	7.36E-07	1.36E-05
ENSG0000	response	Inflamed	AC016747	processed_chr	chr2	61368732	61372104	-	3104	69.26253	0.002387	-1.12357	0.163163	-6.88621	5.32E-10	7.36E-07	1.40E-05
ENSG0000	response	Inflamed	TPST2	protein_cc	chr22	26921458	26992681	-	3448	1234.384	0	-0.79771	0.116399	-6.85325	6.22E-10	7.79E-07	1.64E-05
ENSG0000	response	Inflamed	LAT2	protein_cc	chr7	73613982	73644161	+	4542	804.0215	0	-0.99979	0.146162	-6.84029	6.62E-10	7.79E-07	1.74E-05
ENSG0000	response	Inflamed	LILRA2	protein_cc	chr19	55084387	55099027	+	2622	162.8401	0.004773	-1.89667	0.277291	-6.84001	6.63E-10	7.79E-07	1.74E-05
ENSG0000	response	Inflamed	RAC2	protein_cc	chr22	37621301	37640488	-	2532	2379.697	0	-1.09094	0.159635	-6.83394	6.82E-10	7.79E-07	1.79E-05
ENSG0000	response	Inflamed	S100A9	protein_cc	chr1	1.53E+08	1.53E+08	+	577	4812.239	0	-2.90493	0.426	-6.81908	7.32E-10	8.01E-07	1.92E-05
ENSG0000	response	Inflamed	FADS1	protein_cc	chr11	61567099	61596790	-	10228	770.42	0	-1.43514	0.210838	-6.80683	7.75E-10	8.15E-07	2.04E-05
ENSG0000	response	Inflamed	RP11-290F	lincRNA	chr20	48884023	48896332	+	2451	238.5823	0	-1.73268	0.255427	-6.78349	8.66E-10	8.60E-07	2.28E-05
ENSG0000	response	Inflamed	S100A8	protein_cc	chr1	1.53E+08	1.53E+08	-	1006	1747.105	0	-3.30097	0.487318	-6.77374	9.07E-10	8.60E-07	2.38E-05
ENSG0000	response	Inflamed	TREML2	protein_cc	chr6	41158015	41168932	-	3302	216.315	0.00716	-2.14739	0.317147	-6.77094	9.19E-10	8.60E-07	2.41E-05
ENSG0000	response	Inflamed	ALPL	protein_cc	chr1	21835858	21904905	+	3014	1299.1	0	-2.01814	0.298357	-6.76419	9.48E-10	8.60E-07	2.49E-05
ENSG0000	response	Inflamed	FCN3	protein_cc	chr1	27695603	27701315	-	2167	72.77566	0.047733	-1.96696	0.291144	-6.75598	9.86E-10	8.64E-07	2.59E-05
ENSG0000	response	Inflamed	FGR	protein_cc	chr1	27938575	27961788	-	3474	1172.723	0	-1.59714	0.236843	-6.74344	1.05E-09	8.64E-07	2.75E-05
ENSG0000	response	Inflamed	MMP3	protein_cc	chr11	1.03E+08	1.03E+08	-	2048	6591.585	0	-3.38613	0.50252	-6.7383	1.07E-09	8.64E-07	2.82E-05
ENSG0000	response	Inflamed	HK3	protein_cc	chr5	1.76E+08	1.76E+08	-	3290	564.2458	0	-1.45962	0.216804	-6.73242	1.10E-09	8.64E-07	2.90E-05

ENSG0000 response	Inflamed	C17orf96	protein_cc chr17	36827961	36831187	-	3227	189.3771	0.002387	-1.31821	0.195886	-6.72948	1.12E-09	8.64E-07	2.94E-05
ENSG0000 response	Inflamed	SLC11A1	protein_cc chr2	2.19E+08	2.19E+08	+	8676	689.4368	0	-2.51899	0.375613	-6.70634	1.25E-09	9.19E-07	3.27E-05
ENSG0000 response	Inflamed	AP001046	lincRNA chr21	44778027	44782229	-	2798	88.71838	0.009547	-1.55401	0.2318	-6.70411	1.26E-09	9.19E-07	3.31E-05
ENSG0000 response	Inflamed	DOK3	protein_cc chr5	1.77E+08	1.77E+08	-	4821	1724.079	0	-1.33688	0.200246	-6.67618	1.44E-09	1.02E-06	3.77E-05
ENSG0000 response	Inflamed	ACAN	protein_cc chr15	89346674	89418585	+	10908	51.64678	0.078759	-2.04543	0.308274	-6.63509	1.74E-09	1.19E-06	4.58E-05
ENSG0000 response	Inflamed	ICAM4	protein_cc chr19	10397643	10399198	+	1427	66.53461	0	-1.20648	0.181898	-6.63274	1.76E-09	1.19E-06	4.63E-05
ENSG0000 response	Inflamed	BASP1	protein_cc chr5	17065707	17276943	+	2133	1786.964	0	-1.52617	0.230486	-6.62153	1.86E-09	1.20E-06	4.88E-05
ENSG0000 response	Inflamed	PROK2	protein_cc chr3	71820807	71834357	-	1612	324.9403	0.116945	-3.34587	0.505485	-6.61913	1.88E-09	1.20E-06	4.93E-05
ENSG0000 response	Inflamed	SH2B2	protein_cc chr7	1.02E+08	1.02E+08	+	2236	285.8067	0	-1.10919	0.167904	-6.60611	1.99E-09	1.21E-06	5.24E-05
ENSG0000 response	Inflamed	PRG4	protein_cc chr1	1.86E+08	1.86E+08	+	5050	6.859189	0.348449	-1.24896	0.189125	-6.60387	2.02E-09	1.21E-06	5.30E-05
ENSG0000 response	Inflamed	RPS15AP1	pseudoger chr1	45245998	45246387	-	390	9.582339	0.214797	1.161632	0.175921	6.603135	2.02E-09	1.21E-06	5.32E-05
ENSG0000 response	Inflamed	SCGB2A1	protein_cc chr11	61976140	61981408	+	518	62.34368	0.023866	1.776791	0.26941	6.59512	2.10E-09	1.23E-06	5.52E-05
ENSG0000 response	Inflamed	S100A12	protein_cc chr1	1.53E+08	1.53E+08	-	516	126.5871	0.24105	-2.79562	0.425485	-6.57043	2.36E-09	1.30E-06	6.20E-05
ENSG0000 response	Inflamed	CDKN2B-A	antisense chr9	21994777	22121096	+	4225	334.4702	0.002387	1.89368	0.288228	6.570079	2.36E-09	1.30E-06	6.21E-05
ENSG0000 response	Inflamed	CEACAM4	protein_cc chr19	42125344	42133442	-	1364	61.88067	0.02148	-1.59801	0.243405	-6.56523	2.41E-09	1.30E-06	6.35E-05
ENSG0000 response	Inflamed	ALG1L13P	pseudoger chr8	8093525	8102189	-	1447	22.48687	0.054893	-1.50537	0.229332	-6.56415	2.43E-09	1.30E-06	6.38E-05
ENSG0000 response	Inflamed	RP11-557f	lincRNA chr6	1.35E+08	1.35E+08	-	1404	6.51074	0.159905	-0.93912	0.143263	-6.55523	2.53E-09	1.33E-06	6.65E-05
ENSG0000 response	Inflamed	TNC	protein_cc chr9	1.18E+08	1.18E+08	-	8687	13712.79	0	-1.89683	0.290067	-6.53929	2.73E-09	1.41E-06	7.17E-05
ENSG0000 response	Inflamed	HEPACAM	protein_cc chr7	92817899	92855837	-	2483	1672.499	0.002387	1.927639	0.296488	6.501578	3.25E-09	1.64E-06	8.54E-05
ENSG0000 response	Inflamed	RP11-960L	lincRNA chr16	81771853	81801311	+	1772	32.60859	0.023866	-1.37221	0.211309	-6.49385	3.37E-09	1.65E-06	8.86E-05
ENSG0000 response	Inflamed	SIL1	protein_cc chr5	1.38E+08	1.39E+08	-	4011	1494.594	0	-0.53635	0.082687	-6.48653	3.49E-09	1.65E-06	9.16E-05
ENSG0000 response	Inflamed	PILRA	protein_cc chr7	99965153	99997719	+	2003	502.4702	0	-1.17828	0.181687	-6.48522	3.51E-09	1.65E-06	9.22E-05
ENSG0000 response	Inflamed	CCM2	protein_cc chr7	45039074	45116068	+	8196	2144.086	0	-0.41896	0.064605	-6.48502	3.51E-09	1.65E-06	9.23E-05
ENSG0000 response	Inflamed	TNFRSF8	protein_cc chr1	12123434	12204264	+	3738	102.315	0.011933	-1.73613	0.268497	-6.4661	3.83E-09	1.70E-06	0.000101
ENSG0000 response	Inflamed	NLRP12	protein_cc chr19	54296857	54327648	-	5100	70.80907	0.02148	-2.01494	0.311714	-6.46406	3.87E-09	1.70E-06	0.000102
ENSG0000 response	Inflamed	SIGLEC9	protein_cc chr19	51628165	51639908	+	2539	230.0048	0	-1.17024	0.181181	-6.45899	3.96E-09	1.70E-06	0.000104
ENSG0000 response	Inflamed	GOS2	protein_cc chr1	2.1E+08	2.1E+08	+	866	1130.01	0	-2.22365	0.344297	-6.45852	3.97E-09	1.70E-06	0.000104
ENSG0000 response	Inflamed	ADA	protein_cc chr20	43248163	43280874	-	2852	407.9666	0	-1.03015	0.159574	-6.4556	4.02E-09	1.70E-06	0.000106
ENSG0000 response	Inflamed	PANX2	protein_cc chr22	50609160	50618723	+	3102	44.45585	0.042959	-1.75175	0.27176	-6.44594	4.21E-09	1.70E-06	0.000111
ENSG0000 response	Inflamed	DHRS11	protein_cc chr17	34948228	34957235	+	5462	4695.227	0	1.286388	0.199626	6.443981	4.25E-09	1.70E-06	0.000112
ENSG0000 response	Inflamed	BATF	protein_cc chr14	75988768	76013358	+	980	225.3341	0	-1.32739	0.206034	-6.4426	4.28E-09	1.70E-06	0.000112
ENSG0000 response	Inflamed	SELPLG	protein_cc chr12	1.09E+08	1.09E+08	-	2843	1796.453	0	-1.17957	0.183147	-6.4406	4.32E-09	1.70E-06	0.000113
ENSG0000 response	Inflamed	CAMK1G	protein_cc chr1	2.1E+08	2.1E+08	+	2676	19.42243	0.128878	-1.44023	0.223684	-6.4387	4.35E-09	1.70E-06	0.000114
ENSG0000 response	Inflamed	TREM1	protein_cc chr6	41235664	41254457	-	4329	395.6802	0.047733	-2.78737	0.432978	-6.43766	4.37E-09	1.70E-06	0.000115
ENSG0000 response	Inflamed	WAS	protein_cc chrX	48534985	48549818	+	2381	1175.014	0	-1.09905	0.170741	-6.43697	4.39E-09	1.70E-06	0.000115
ENSG0000 response	Inflamed	CCDC69	protein_cc chr5	1.51E+08	1.51E+08	-	4993	3479.79	0	-1.06944	0.166352	-6.42877	4.56E-09	1.71E-06	0.00012
ENSG0000 response	Inflamed	SYT3	protein_cc chr19	51124564	51171651	-	3832	7.51074	0.193317	-1.17213	0.182332	-6.42853	4.56E-09	1.71E-06	0.00012
ENSG0000 response	Inflamed	CYTH4	protein_cc chr22	37678068	37711382	+	6157	2259.122	0	-1.15022	0.179042	-6.42433	4.65E-09	1.72E-06	0.000122
ENSG0000 response	Inflamed	SLC2A6	protein_cc chr9	1.36E+08	1.36E+08	-	3540	464.7566	0	-1.22924	0.191477	-6.41974	4.75E-09	1.72E-06	0.000125
ENSG0000 response	Inflamed	KLK1	protein_cc chr19	51322404	51327043	-	2378	2638.396	0	1.492338	0.2325	6.418649	4.78E-09	1.72E-06	0.000126

ENSG0000 response	Inflamed	CSF3	protein_cc chr17	38171614	38174066	+	2220	562.5227	0.124105	-3.50244	0.547343	-6.39898	5.23E-09	1.85E-06	0.000138
ENSG0000 response	Inflamed	ITGB2	protein_cc chr21	46305868	46351904	-	6797	6183.776	0	-1.08418	0.169492	-6.39663	5.29E-09	1.85E-06	0.000139
ENSG0000 response	Inflamed	GPR84	protein_cc chr12	54756229	54758271	-	2043	132.6778	0.002387	-1.94582	0.304531	-6.38956	5.47E-09	1.89E-06	0.000144
ENSG0000 response	Inflamed	KCNJ15	protein_cc chr21	39529128	39679279	+	9685	223.6158	0.069212	-2.64041	0.41356	-6.38459	5.59E-09	1.91E-06	0.000147
ENSG0000 response	Inflamed	NEURL	protein_cc chr10	1.05E+08	1.05E+08	+	4961	1625.189	0	1.336928	0.209501	6.381485	5.68E-09	1.91E-06	0.000149
ENSG0000 response	Inflamed	NCF1	protein_cc chr7	74188309	74203659	+	3462	712.105	0	-1.20184	0.188421	-6.37851	5.75E-09	1.91E-06	0.000151
ENSG0000 response	Inflamed	TRPV2	protein_cc chr17	16318856	16340317	+	3414	1010.11	0	-0.87671	0.137907	-6.35723	6.35E-09	2.07E-06	0.000167
ENSG0000 response	Inflamed	ORAI2	protein_cc chr7	1.02E+08	1.02E+08	+	11098	2315.403	0	-1.04638	0.164613	-6.35658	6.37E-09	2.07E-06	0.000167
ENSG0000 response	Inflamed	IGHG1	IG_C_gene chr14	1.06E+08	1.06E+08	-	2762	647100.2	0	-2.61684	0.41228	-6.34725	6.65E-09	2.10E-06	0.000175
ENSG0000 response	Inflamed	MMP7	protein_cc chr11	1.02E+08	1.02E+08	-	2323	569.074	0.095465	-3.19262	0.503366	-6.34255	6.79E-09	2.10E-06	0.000179
ENSG0000 response	Inflamed	HCK	protein_cc chr20	30639991	30689659	+	3092	1886.279	0	-1.09709	0.17301	-6.34119	6.84E-09	2.10E-06	0.00018
ENSG0000 response	Inflamed	IL5RA	protein_cc chr3	3111233	3168297	-	3377	40.06205	0	-1.38129	0.217841	-6.34082	6.85E-09	2.10E-06	0.00018
ENSG0000 response	Inflamed	GPR97	protein_cc chr16	57702099	57723975	+	3593	656.5012	0	-2.10007	0.331264	-6.33955	6.89E-09	2.10E-06	0.000181
ENSG0000 response	Inflamed	GLT1D1	protein_cc chr12	1.29E+08	1.29E+08	+	3474	117.1695	0.078759	-2.33285	0.368099	-6.33757	6.95E-09	2.10E-06	0.000183
ENSG0000 response	Inflamed	AQP9	protein_cc chr15	58430368	58478110	+	3235	823.1742	0.073986	-3.24013	0.511657	-6.33263	7.11E-09	2.12E-06	0.000187
ENSG0000 response	Inflamed	PDPN	protein_cc chr1	13909960	13944452	+	3707	1462.289	0	-1.52555	0.24118	-6.32534	7.35E-09	2.17E-06	0.000193
ENSG0000 response	Inflamed	BATF3	protein_cc chr1	2.13E+08	2.13E+08	-	2713	129.3675	0	-1.09878	0.173967	-6.31601	7.68E-09	2.23E-06	0.000202
ENSG0000 response	Inflamed	CD300C	protein_cc chr17	72537247	72542282	-	1517	121.5776	0	-1.12279	0.177807	-6.31469	7.72E-09	2.23E-06	0.000203
ENSG0000 response	Inflamed	MIXL1	protein_cc chr1	2.26E+08	2.26E+08	+	2029	118.8663	0	-1.54	0.244209	-6.30609	8.04E-09	2.29E-06	0.000211
ENSG0000 response	Inflamed	CTC-510F1	3prime_ov chr19	11411453	11435117	-	685	8.334129	0.288783	-1.41404	0.224351	-6.3028	8.16E-09	2.29E-06	0.000215
ENSG0000 response	Inflamed	MARCO	protein_cc chr2	1.2E+08	1.2E+08	+	2079	45.34845	0.124105	-2.14589	0.340531	-6.30162	8.20E-09	2.29E-06	0.000216
ENSG0000 response	Inflamed	FCRLB	protein_cc chr1	1.62E+08	1.62E+08	+	2592	55.11217	0.00716	-1.41325	0.225004	-6.28098	9.02E-09	2.50E-06	0.000237
ENSG0000 response	Inflamed	MT-TM	Mt_tRNA chrM	4402	4469	+	68	373.3413	0	1.071586	0.170772	6.274949	9.28E-09	2.52E-06	0.000244
ENSG0000 response	Inflamed	RASGRP4	protein_cc chr19	38899695	38916945	-	3848	421.7184	0	-1.23267	0.196466	-6.2742	9.31E-09	2.52E-06	0.000245
ENSG0000 response	Inflamed	NCF2	protein_cc chr1	1.84E+08	1.84E+08	-	2928	1259.494	0	-1.35761	0.216678	-6.26556	9.68E-09	2.57E-06	0.000255
ENSG0000 response	Inflamed	MNX1-AS1	antisense chr7	1.57E+08	1.57E+08	+	1041	19.8043	0.026253	1.003671	0.160246	6.263317	9.78E-09	2.57E-06	0.000257
ENSG0000 response	Inflamed	NFE2	protein_cc chr12	54685895	54694905	-	2469	159.4487	0.011933	-2.17469	0.347306	-6.2616	9.86E-09	2.57E-06	0.000259
ENSG0000 response	Inflamed	ADH1C	polymorpt chr4	1E+08	1E+08	-	1860	4661.227	0.002387	2.243521	0.358325	6.26113	9.88E-09	2.57E-06	0.00026
ENSG0000 response	Inflamed	FCGR2A	protein_cc chr1	1.61E+08	1.61E+08	+	5314	2114.695	0	-1.40046	0.223845	-6.2564	1.01E-08	2.60E-06	0.000266
ENSG0000 response	Inflamed	FCGR2B	protein_cc chr1	1.62E+08	1.62E+08	+	6996	491.3007	0	-1.30952	0.209422	-6.25304	1.03E-08	2.62E-06	0.00027
ENSG0000 response	Inflamed	PPP1R18	protein_cc chr6	30644166	30655672	-	4599	3992.143	0	-1.05235	0.168422	-6.24829	1.05E-08	2.64E-06	0.000276
ENSG0000 response	Inflamed	RP11-134F	lincRNA chr1	2.03E+08	2.03E+08	+	837	7.548926	0.124105	-1.02356	0.163851	-6.24691	1.05E-08	2.64E-06	0.000277
ENSG0000 response	Inflamed	COTL1	protein_cc chr16	84599200	84651683	-	6742	8011.95	0	-0.6383	0.102324	-6.23807	1.10E-08	2.68E-06	0.000289
ENSG0000 response	Inflamed	PTAFR	protein_cc chr1	28473677	28520447	-	4706	1972.103	0	-1.1162	0.178953	-6.23736	1.10E-08	2.68E-06	0.00029
ENSG0000 response	Inflamed	SLC7A5	protein_cc chr16	87863629	87903094	-	4745	2536.912	0	-1.34979	0.216422	-6.23684	1.10E-08	2.68E-06	0.00029
ENSG0000 response	Inflamed	SEMA4A	protein_cc chr1	1.56E+08	1.56E+08	+	6676	1647.468	0	-0.95442	0.153068	-6.23527	1.11E-08	2.68E-06	0.000293
ENSG0000 response	Inflamed	GUCY2D	protein_cc chr17	7905912	7923657	+	4040	13.40334	0.045346	-1.11632	0.179223	-6.22869	1.15E-08	2.72E-06	0.000302
ENSG0000 response	Inflamed	FAM124A	protein_cc chr13	51796503	51858377	+	5288	134.8735	0	-1.14369	0.183652	-6.22746	1.15E-08	2.72E-06	0.000303
ENSG0000 response	Inflamed	SYT7	protein_cc chr11	61282785	61348620	-	5953	1333.243	0	1.049678	0.168586	6.226361	1.16E-08	2.72E-06	0.000305
ENSG0000 response	Inflamed	CSF2	protein_cc chr5	1.31E+08	1.31E+08	+	783	48.97136	0.143198	-2.09499	0.336739	-6.2214	1.19E-08	2.76E-06	0.000312

ENSG0000 response	Inflamed	LMO2	protein_cc chr11	33880122	33913836	-	3109	576.3365	0	-0.89113	0.143413	-6.21371	1.23E-08	2.83E-06	0.000323
ENSG0000 response	Inflamed	TXNDC11	protein_cc chr16	11772936	11836734	-	4292	4994.864	0	-0.55029	0.088622	-6.20942	1.25E-08	2.86E-06	0.000329
ENSG0000 response	Inflamed	MYO1F	protein_cc chr19	8585674	8642461	-	8550	2720.11	0	-1.0895	0.1755	-6.20795	1.26E-08	2.86E-06	0.000332
ENSG0000 response	Inflamed	CD44	protein_cc chr11	35160417	35253949	+	10060	11319.93	0	-0.98698	0.159048	-6.20554	1.28E-08	2.86E-06	0.000335
ENSG0000 response	Inflamed	CCL22	protein_cc chr16	57392684	57400102	+	2929	548.4033	0	-1.5847	0.255421	-6.20429	1.28E-08	2.86E-06	0.000337
ENSG0000 response	Inflamed	IL8	protein_cc chr4	74606223	74609433	+	2274	1983.704	0.011933	-3.04449	0.491506	-6.19421	1.34E-08	2.97E-06	0.000353
ENSG0000 response	Inflamed	FCAR	protein_cc chr19	55385704	55401838	+	2366	97.68735	0.202864	-2.55278	0.412289	-6.19171	1.36E-08	2.98E-06	0.000357
ENSG0000 response	Inflamed	OSCAR	protein_cc chr19	54597933	54606000	-	2069	205.2005	0	-1.24935	0.202107	-6.18166	1.42E-08	3.09E-06	0.000374
ENSG0000 response	Inflamed	PTPN7	protein_cc chr1	2.02E+08	2.02E+08	-	5906	1321.575	0	-0.98014	0.158734	-6.17472	1.47E-08	3.16E-06	0.000386
ENSG0000 response	Inflamed	RGS19	protein_cc chr20	62704534	62711323	-	2010	818.6826	0	-1.00013	0.162204	-6.16585	1.53E-08	3.27E-06	0.000402
ENSG0000 response	Inflamed	FAM101B	protein_cc chr17	289769	295730	-	3621	1470.286	0	-0.76234	0.123676	-6.16398	1.54E-08	3.27E-06	0.000405
ENSG0000 response	Inflamed	CAMK2N1	protein_cc chr1	20808884	20812713	-	2615	5970.329	0	0.896538	0.145583	6.158239	1.58E-08	3.33E-06	0.000416
ENSG0000 response	Inflamed	NCF4	protein_cc chr22	37257030	37274057	+	1759	1365.578	0	-0.84601	0.137565	-6.1499	1.64E-08	3.43E-06	0.000432
ENSG0000 response	Inflamed	FPR1	protein_cc chr19	52248425	52307363	-	2594	870.6014	0.004773	-2.65369	0.431802	-6.14561	1.68E-08	3.47E-06	0.000441
ENSG0000 response	Inflamed	JSRP1	protein_cc chr19	2252251	2269758	-	1955	363.5036	0	-1.66885	0.271698	-6.14228	1.70E-08	3.49E-06	0.000448
ENSG0000 response	Inflamed	ALOX5	protein_cc chr10	45869661	45941561	+	3685	1629.709	0	-1.10503	0.179934	-6.14128	1.71E-08	3.49E-06	0.00045
ENSG0000 response	Inflamed	LILRA5	protein_cc chr19	54818353	54824409	-	1762	380.7303	0	-1.74848	0.285044	-6.13407	1.77E-08	3.55E-06	0.000465
ENSG0000 response	Inflamed	AC147651	antisense chr7	642822	648119	+	731	42.93317	0.004773	-1.24734	0.203351	-6.13392	1.77E-08	3.55E-06	0.000465
ENSG0000 response	Inflamed	DEGS1	protein_cc chr1	2.24E+08	2.24E+08	+	2515	1337.604	0	-0.60858	0.09931	-6.1281	1.82E-08	3.62E-06	0.000477
ENSG0000 response	Inflamed	CHST15	protein_cc chr10	1.26E+08	1.26E+08	-	5207	2135.704	0	-1.22425	0.200164	-6.11623	1.92E-08	3.74E-06	0.000504
ENSG0000 response	Inflamed	AL512428	miRNA chr6	24840195	24840293	-	99	3.756563	0.439141	-1.04385	0.170804	-6.11142	1.96E-08	3.74E-06	0.000515
ENSG0000 response	Inflamed	LIPN	protein_cc chr10	90521163	90537999	+	1197	7.47494	0.448687	-1.50143	0.245702	-6.11079	1.96E-08	3.74E-06	0.000517
ENSG0000 response	Inflamed	CHST12	protein_cc chr7	2443223	2474242	+	2211	678.0048	0	-0.7074	0.11577	-6.11044	1.97E-08	3.74E-06	0.000517
ENSG0000 response	Inflamed	SPAG4	protein_cc chr20	34203814	34208971	+	2240	327.0979	0	-1.33477	0.218474	-6.10955	1.98E-08	3.74E-06	0.000519
ENSG0000 response	Inflamed	LILRB4	protein_cc chr19	55155340	55181810	+	6475	1117.642	0	-1.21492	0.198871	-6.10908	1.98E-08	3.74E-06	0.000521
ENSG0000 response	Inflamed	PORCN	protein_cc chrX	48367350	48379202	+	3011	267.4033	0	-0.53285	0.087231	-6.10857	1.98E-08	3.74E-06	0.000522
ENSG0000 response	Inflamed	EDEM2	protein_cc chr20	33703167	33865928	-	3380	1535.439	0	-0.36498	0.059758	-6.10771	1.99E-08	3.74E-06	0.000524
ENSG0000 response	Inflamed	PADI4	protein_cc chr1	17634690	17690499	+	2971	92.25537	0.0358	-2.08298	0.341239	-6.10415	2.03E-08	3.75E-06	0.000532
ENSG0000 response	Inflamed	CTSB	protein_cc chr8	11700033	11726957	-	7438	37894.52	0	-0.66478	0.108924	-6.10318	2.03E-08	3.75E-06	0.000535
ENSG0000 response	Inflamed	S1PR5	protein_cc chr19	10623623	10628607	-	2601	38.53938	0.019093	-1.30328	0.213617	-6.101	2.05E-08	3.75E-06	0.00054
ENSG0000 response	Inflamed	CCDC147	antisense chr10	1.06E+08	1.06E+08	-	795	7.178998	0.26969	-1.25868	0.206317	-6.1007	2.06E-08	3.75E-06	0.000541
ENSG0000 response	Inflamed	MYO1G	protein_cc chr7	45002261	45018697	-	8653	1283.862	0	-1.07319	0.175945	-6.09957	2.07E-08	3.75E-06	0.000544
ENSG0000 response	Inflamed	LINC00707	lincRNA chr10	6821560	6884868	+	3070	5.582339	0.293556	-1.19888	0.196604	-6.09797	2.08E-08	3.75E-06	0.000548
ENSG0000 response	Inflamed	BCL2A1	protein_cc chr15	80253231	80263788	-	1089	439.747	0.002387	-1.83782	0.301503	-6.09552	2.11E-08	3.77E-06	0.000554
ENSG0000 response	Inflamed	SIGLEC7	protein_cc chr19	51645556	51656783	+	2043	181.0406	0	-0.8526	0.139912	-6.09387	2.12E-08	3.77E-06	0.000558
ENSG0000 response	Inflamed	RINL	protein_cc chr19	39358470	39368919	-	4205	412.3365	0	-0.79125	0.1299	-6.09121	2.15E-08	3.77E-06	0.000565
ENSG0000 response	Inflamed	FKBP11	protein_cc chr12	49315301	49320257	-	4957	3185.27	0	-0.90142	0.148008	-6.09036	2.16E-08	3.77E-06	0.000567
ENSG0000 response	Inflamed	LRRC25	protein_cc chr19	18501954	18508427	-	2415	718.7446	0	-1.05168	0.172718	-6.08898	2.17E-08	3.77E-06	0.00057
ENSG0000 response	Inflamed	P4HA3	protein_cc chr11	73946846	74022702	-	4009	82.90215	0.00716	-1.97759	0.324835	-6.088	2.18E-08	3.77E-06	0.000573
ENSG0000 response	Inflamed	FAM162A	protein_cc chr3	1.22E+08	1.22E+08	+	3793	2145.36	0	0.864456	0.142086	6.084052	2.22E-08	3.80E-06	0.000583

ENSG0000 response	Inflamed	TTC9	protein_cc chr14	71108504	71142077	+	5217	443.1838	0	-1.24143	0.204069	-6.08339	2.23E-08	3.80E-06	0.000585
ENSG0000 response	Inflamed	SPI1	protein_cc chr11	47376411	47400127	-	2069	2341.384	0	-1.08776	0.179	-6.07688	2.29E-08	3.89E-06	0.000603
ENSG0000 response	Inflamed	CD300LF	protein_cc chr17	72690452	72709117	-	2159	320.673	0	-0.81143	0.133586	-6.07422	2.32E-08	3.91E-06	0.00061
ENSG0000 response	Inflamed	CASC10	protein_cc chr10	21781587	21786191	-	3801	33.46778	0.01432	-1.13479	0.186979	-6.06908	2.37E-08	3.97E-06	0.000624
ENSG0000 response	Inflamed	FAM92B	protein_cc chr16	85131965	85146114	-	1897	51.49881	0.042959	-1.85369	0.305485	-6.06803	2.39E-08	3.97E-06	0.000627
ENSG0000 response	Inflamed	CD300E	protein_cc chr17	72606026	72619897	-	3772	537.8711	0.011933	-2.55409	0.421684	-6.05689	2.51E-08	4.13E-06	0.00066
ENSG0000 response	Inflamed	HCLS1	protein_cc chr3	1.21E+08	1.21E+08	-	5093	2983.026	0	-0.92349	0.152476	-6.05661	2.51E-08	4.13E-06	0.000661
ENSG0000 response	Inflamed	TAS1R3	protein_cc chr1	1266694	1270686	+	3433	382.4224	0	-1.50731	0.249043	-6.05241	2.56E-08	4.18E-06	0.000673
ENSG0000 response	Inflamed	CD300A	protein_cc chr17	72462555	72480933	+	2684	717.0024	0	-0.86116	0.142363	-6.04907	2.60E-08	4.22E-06	0.000684
ENSG0000 response	Inflamed	POU2AF1	protein_cc chr11	1.11E+08	1.11E+08	-	7416	4964.644	0	-1.4823	0.245183	-6.04568	2.64E-08	4.26E-06	0.000694
ENSG0000 response	Inflamed	TRPV4	protein_cc chr12	1.1E+08	1.1E+08	-	3765	120.2721	0	-1.1202	0.185409	-6.04174	2.69E-08	4.28E-06	0.000707
ENSG0000 response	Inflamed	RGS16	protein_cc chr1	1.83E+08	1.83E+08	-	2427	281.432	0.002387	-1.43806	0.238108	-6.03952	2.71E-08	4.28E-06	0.000714
ENSG0000 response	Inflamed	FUT7	protein_cc chr9	1.4E+08	1.4E+08	-	2584	85.6611	0.009547	-1.62083	0.268396	-6.03896	2.72E-08	4.28E-06	0.000716
ENSG0000 response	Inflamed	ZBTB32	protein_cc chr19	36195429	36207940	+	2770	83.68974	0.004773	-1.46611	0.242796	-6.03844	2.73E-08	4.28E-06	0.000717
ENSG0000 response	Inflamed	CD53	protein_cc chr1	1.11E+08	1.11E+08	+	2081	2379.532	0	-1.0389	0.172059	-6.03801	2.73E-08	4.28E-06	0.000719
ENSG0000 response	Inflamed	IL6	protein_cc chr7	22765503	22771621	+	2711	203.0024	0.097852	-2.605	0.431683	-6.03452	2.78E-08	4.32E-06	0.00073
ENSG0000 response	Inflamed	ZBED2	protein_cc chr3	1.11E+08	1.11E+08	-	2311	41.57757	0.136038	-1.78645	0.296531	-6.02449	2.91E-08	4.49E-06	0.000764
ENSG0000 response	Inflamed	LILRB3	protein_cc chr19	54720147	54746602	-	4096	163.0143	0.00716	-1.68132	0.27916	-6.02277	2.93E-08	4.50E-06	0.00077
ENSG0000 response	Inflamed	FCN1	protein_cc chr9	1.38E+08	1.38E+08	-	1286	480.4439	0.002387	-1.97165	0.328031	-6.01057	3.09E-08	4.71E-06	0.000814
ENSG0000 response	Inflamed	GUCA2B	protein_cc chr1	42619092	42621495	+	597	1477.284	0.004773	2.562526	0.426348	6.010409	3.10E-08	4.71E-06	0.000814
ENSG0000 response	Inflamed	EMILIN2	protein_cc chr18	2847028	2915991	+	6435	1562.117	0	-0.89625	0.149161	-6.00861	3.12E-08	4.72E-06	0.000821
ENSG0000 response	Inflamed	CR1	protein_cc chr1	2.08E+08	2.08E+08	+	12164	568.1265	0	-1.61709	0.269711	-5.99565	3.31E-08	4.95E-06	0.00087
ENSG0000 response	Inflamed	CSF3R	protein_cc chr1	36931644	36948879	-	8426	3825.513	0	-2.14563	0.357979	-5.99375	3.34E-08	4.95E-06	0.000878
ENSG0000 response	Inflamed	HCAR3	protein_cc chr12	1.23E+08	1.23E+08	-	2137	822.642	0.0358	-2.98253	0.497644	-5.9933	3.35E-08	4.95E-06	0.00088
ENSG0000 response	Inflamed	IL23A	protein_cc chr12	56732663	56734193	+	1041	58.35322	0.019093	-1.6372	0.273246	-5.99166	3.37E-08	4.95E-06	0.000886
ENSG0000 response	Inflamed	AC112721	protein_cc chr2	2.38E+08	2.38E+08	-	588	1.856802	0.591885	-0.78818	0.131562	-5.99095	3.38E-08	4.95E-06	0.000889
ENSG0000 response	Inflamed	RP11-16E1	lincRNA chr15	31514202	31523041	-	1563	284.642	0	-1.09142	0.182206	-5.99001	3.40E-08	4.95E-06	0.000893
ENSG0000 response	Inflamed	TMEM255	protein_cc chr13	1.14E+08	1.15E+08	+	2242	134.8711	0	-1.02845	0.17174	-5.98843	3.42E-08	4.95E-06	0.000899
ENSG0000 response	Inflamed	IFNAR2	protein_cc chr21	34602206	34637980	+	4614	1695.186	0	-0.73349	0.122506	-5.9874	3.44E-08	4.95E-06	0.000903
ENSG0000 response	Inflamed	HAVCR2	protein_cc chr5	1.57E+08	1.57E+08	-	3804	394.3413	0	-0.83767	0.139943	-5.98583	3.46E-08	4.95E-06	0.00091
ENSG0000 response	Inflamed	HRH2	protein_cc chr5	1.75E+08	1.75E+08	+	4055	130.8998	0.02148	-1.71183	0.286007	-5.98529	3.47E-08	4.95E-06	0.000912
ENSG0000 response	Inflamed	C19orf38	protein_cc chr19	10947251	10980466	+	1565	155.2983	0	-1.12649	0.188246	-5.98415	3.49E-08	4.95E-06	0.000917
ENSG0000 response	Inflamed	FPR2	protein_cc chr19	52255279	52273779	+	3700	383.5131	0.0358	-2.6372	0.440906	-5.98131	3.53E-08	4.99E-06	0.000928
ENSG0000 response	Inflamed	SPP1	protein_cc chr4	88896819	88904562	+	2288	551.2959	0.004773	-1.87573	0.313851	-5.97649	3.61E-08	5.04E-06	0.000949
ENSG0000 response	Inflamed	IL24	protein_cc chr1	2.07E+08	2.07E+08	+	1979	152.3484	0.360382	-3.19718	0.535002	-5.97601	3.62E-08	5.04E-06	0.000951
ENSG0000 response	Inflamed	PTP4A3	protein_cc chr8	1.42E+08	1.42E+08	+	1943	1338.914	0	-1.69569	0.283858	-5.97373	3.65E-08	5.04E-06	0.000961
ENSG0000 response	Inflamed	MT-CYB	protein_cc chrM	14747	15887	+	1141	582371.6	0	0.637708	0.106778	5.972276	3.68E-08	5.04E-06	0.000967
ENSG0000 response	Inflamed	ENG	protein_cc chr9	1.31E+08	1.31E+08	-	3710	6547.759	0	-1.09942	0.184122	-5.97116	3.70E-08	5.04E-06	0.000972
ENSG0000 response	Inflamed	NEB	protein_cc chr2	1.52E+08	1.53E+08	-	30567	23.30072	0.040573	-1.3675	0.229025	-5.97095	3.70E-08	5.04E-06	0.000973
ENSG0000 response	Inflamed	OSM	protein_cc chr22	30658818	30662829	-	2114	887.6181	0.011933	-2.60708	0.436642	-5.97076	3.70E-08	5.04E-06	0.000974

ENSG0000 response	Inflamed	CHI3L1	protein_cc chr1	2.03E+08	2.03E+08	-	3408	5806.971	0.002387	-3.04695	0.510602	-5.96737	3.76E-08	5.10E-06	0.000989
ENSG0000 response	Inflamed	WDR54	protein_cc chr2	74648805	74652882	+	2860	199.3556	0	-0.67309	0.112827	-5.96564	3.79E-08	5.11E-06	0.000996
ENSG0000 response	Inflamed	EMR3	protein_cc chr19	14729929	14800839	-	2837	147.7947	0	-1.67085	0.280231	-5.96239	3.85E-08	5.16E-06	0.001011
ENSG0000 response	Inflamed	EMR2	protein_cc chr19	14843205	14889353	-	8622	1545.389	0	-1.31681	0.22097	-5.95925	3.90E-08	5.19E-06	0.001025
ENSG0000 response	Inflamed	CLEC5A	protein_cc chr7	1.42E+08	1.42E+08	-	4129	82.06921	0.045346	-2.11026	0.354186	-5.95807	3.92E-08	5.19E-06	0.001031
ENSG0000 response	Inflamed	ICAM1	protein_cc chr19	10381511	10397291	+	3706	4256.539	0	-1.37492	0.230784	-5.95762	3.93E-08	5.19E-06	0.001033
ENSG0000 response	Inflamed	IGHV3-15	IG_V_gene chr14	1.07E+08	1.07E+08	-	437	15049.61	0	-1.7658	0.29766	-5.93228	4.40E-08	5.79E-06	0.001158
ENSG0000 response	Inflamed	CTC-378H2	antisense chr19	42656721	42661675	+	1955	22.49403	0.026253	-1.15019	0.193957	-5.93012	4.45E-08	5.81E-06	0.001169
ENSG0000 response	Inflamed	LILRA3	protein_cc chr19	54799854	54809952	-	1924	317.2888	0.023866	-2.03899	0.34389	-5.92918	4.47E-08	5.81E-06	0.001174
ENSG0000 response	Inflamed	IL21R	protein_cc chr16	27413483	27462115	+	4219	662.5274	0	-1.39848	0.23627	-5.919	4.67E-08	6.05E-06	0.001229
ENSG0000 response	Inflamed	TNFRSF4	protein_cc chr1	1146706	1149518	-	1721	339.5036	0	-1.17794	0.199478	-5.90511	4.97E-08	6.32E-06	0.001308
ENSG0000 response	Inflamed	C17orf62	protein_cc chr17	80400465	80408705	-	7234	4668.866	0	-0.60103	0.101807	-5.90367	5.01E-08	6.32E-06	0.001316
ENSG0000 response	Inflamed	LINC00974	lincRNA chr17	39705858	39710747	-	2141	33.99761	0.045346	1.405942	0.238172	5.903054	5.02E-08	6.32E-06	0.00132
ENSG0000 response	Inflamed	NRROS	protein_cc chr3	1.96E+08	1.96E+08	+	2910	453.6539	0	-0.9421	0.159612	-5.90246	5.03E-08	6.32E-06	0.001323
ENSG0000 response	Inflamed	TNFRSF18	protein_cc chr1	1138888	1142071	-	1370	294.1313	0	-1.00297	0.169931	-5.90222	5.04E-08	6.32E-06	0.001325
ENSG0000 response	Inflamed	TIMP1	protein_cc chrX	47441712	47446188	+	1790	9957.695	0	-1.1489	0.194657	-5.90218	5.04E-08	6.32E-06	0.001325
ENSG0000 response	Inflamed	AJAP1	protein_cc chr1	4714792	4852594	+	12405	106.7327	0.009547	-1.65164	0.279908	-5.90065	5.07E-08	6.32E-06	0.001334
ENSG0000 response	Inflamed	S1PR4	protein_cc chr19	3172344	3180329	+	1693	348.3938	0	-1.35595	0.229803	-5.9005	5.08E-08	6.32E-06	0.001335
ENSG0000 response	Inflamed	GM2A	protein_cc chr5	1.51E+08	1.51E+08	+	4479	3480.026	0	-0.53957	0.091456	-5.89975	5.10E-08	6.32E-06	0.00134
ENSG0000 response	Inflamed	LILRB2	protein_cc chr19	54777675	54785039	-	3810	1210.205	0	-1.34607	0.228248	-5.89739	5.15E-08	6.33E-06	0.001354
ENSG0000 response	Inflamed	RAB40B	protein_cc chr17	80612849	80656604	-	6194	803.2124	0	0.603775	0.102393	5.896641	5.17E-08	6.33E-06	0.001358
ENSG0000 response	Inflamed	RP11-112L	lincRNA chr20	48780001	48782639	-	733	3.684964	0.336516	-0.86706	0.147051	-5.89629	5.18E-08	6.33E-06	0.001361
ENSG0000 response	Inflamed	RP13-314C	antisense chrX	23791109	23801073	-	672	6.143198	0.212411	-0.99625	0.169176	-5.88885	5.35E-08	6.51E-06	0.001407
ENSG0000 response	Inflamed	CD38	protein_cc chr4	15779898	15854853	+	6855	1144.84	0	-1.3865	0.235601	-5.88495	5.44E-08	6.57E-06	0.001431
ENSG0000 response	Inflamed	LILRA6	protein_cc chr19	54720737	54746649	-	4190	337.8091	0	-1.50838	0.256333	-5.88445	5.46E-08	6.57E-06	0.001435
ENSG0000 response	Inflamed	IFITM2	protein_cc chr11	307631	315272	+	1307	4973.387	0	-1.23479	0.20988	-5.8833	5.48E-08	6.57E-06	0.001442
ENSG0000 response	Inflamed	POU2F2	protein_cc chr19	42590263	42700737	-	8899	1511.888	0	-1.36213	0.231539	-5.88293	5.49E-08	6.57E-06	0.001444
ENSG0000 response	Inflamed	PRAM1	protein_cc chr19	8554940	8567996	-	3763	132.7613	0	-1.00997	0.17171	-5.88182	5.52E-08	6.57E-06	0.001452
ENSG0000 response	Inflamed	ARHGAP9	protein_cc chr12	57866038	57882597	-	5127	1455.654	0	-0.99538	0.169315	-5.8789	5.59E-08	6.62E-06	0.001471
ENSG0000 response	Inflamed	FAM20A	protein_cc chr17	66531254	66597530	-	6203	504.2124	0	-1.52389	0.259296	-5.87701	5.64E-08	6.65E-06	0.001483
ENSG0000 response	Inflamed	PNLIPRP2	polymorpt chr10	1.18E+08	1.18E+08	+	1672	104.9976	0.085919	1.968185	0.335001	5.875166	5.69E-08	6.68E-06	0.001495
ENSG0000 response	Inflamed	ST3GAL1	protein_cc chr8	1.34E+08	1.35E+08	-	8730	2886.79	0	-1.11091	0.189244	-5.87028	5.81E-08	6.79E-06	0.001529
ENSG0000 response	Inflamed	KYNU	protein_cc chr2	1.44E+08	1.44E+08	+	3070	329.8353	0	-1.81713	0.309632	-5.86868	5.86E-08	6.81E-06	0.00154
ENSG0000 response	Inflamed	RBP2	protein_cc chr3	1.39E+08	1.39E+08	-	845	136.494	0.186158	2.175955	0.370967	5.865627	5.94E-08	6.88E-06	0.001561
ENSG0000 response	Inflamed	CPNE5	protein_cc chr6	36708552	36807778	-	4067	1716.451	0	-0.96381	0.164361	-5.86398	5.98E-08	6.90E-06	0.001572
ENSG0000 response	Inflamed	PGF	protein_cc chr14	75408537	75422487	-	5962	328.2267	0	-1.25344	0.213857	-5.86111	6.06E-08	6.95E-06	0.001592
ENSG0000 response	Inflamed	CTB-43E15	lincRNA chr5	1.73E+08	1.73E+08	-	1839	9.661098	0.329356	-1.51685	0.258895	-5.85893	6.12E-08	6.99E-06	0.001608
ENSG0000 response	Inflamed	HSD11B1	protein_cc chr1	2.1E+08	2.1E+08	+	1526	83.47255	0.011933	-1.74909	0.298661	-5.85643	6.19E-08	7.04E-06	0.001626
ENSG0000 response	Inflamed	HSPA6	protein_cc chr1	1.61E+08	1.61E+08	+	2646	306.5847	0	-1.39267	0.237842	-5.85544	6.21E-08	7.04E-06	0.001633
ENSG0000 response	Inflamed	PTGIR	protein_cc chr19	47123725	47128375	-	3546	231.2864	0	-1.35795	0.231976	-5.85383	6.26E-08	7.06E-06	0.001645

ENSG0000 response	Inflamed	IL2RA	protein_cc chr10	6052652	6104288	-	3176	535.1193	0	-1.28561	0.21999	-5.84396	6.54E-08	7.34E-06	0.001719
ENSG0000 response	Inflamed	SLC7A4	protein_cc chr22	21383007	21387129	-	2447	156.284	0	1.303024	0.222994	5.843322	6.56E-08	7.34E-06	0.001724
ENSG0000 response	Inflamed	CSF2RB	protein_cc chr22	37309670	37336491	+	5061	4896.308	0	-1.36759	0.234138	-5.84094	6.63E-08	7.38E-06	0.001743
ENSG0000 response	Inflamed	XBP1	protein_cc chr22	29190543	29196585	-	3028	22224.73	0	-0.90405	0.15483	-5.83902	6.69E-08	7.40E-06	0.001758
ENSG0000 response	Inflamed	RP11-689E	antisense chr12	1.09E+08	1.09E+08	+	859	31.35322	0.02864	-1.29585	0.221949	-5.83851	6.70E-08	7.40E-06	0.001762
ENSG0000 response	Inflamed	KCNJ8	protein_cc chr12	21917889	21928515	-	2484	119.2578	0	-1.362	0.233376	-5.83605	6.77E-08	7.45E-06	0.001781
ENSG0000 response	Inflamed	SRGN	protein_cc chr10	70847862	70864567	+	1220	3288.714	0	-1.23694	0.212129	-5.83106	6.93E-08	7.56E-06	0.001821
ENSG0000 response	Inflamed	RILPL2	protein_cc chr12	1.24E+08	1.24E+08	-	1435	516.969	0	-0.74406	0.127618	-5.83035	6.95E-08	7.56E-06	0.001827
ENSG0000 response	Inflamed	CXCR1	protein_cc chr2	2.19E+08	2.19E+08	-	2488	659.673	0.047733	-2.97533	0.510428	-5.82909	6.99E-08	7.56E-06	0.001837
ENSG0000 response	Inflamed	TOR3A	protein_cc chr1	1.79E+08	1.79E+08	+	3917	2074.301	0	-0.53498	0.091787	-5.82849	7.01E-08	7.56E-06	0.001842
ENSG0000 response	Inflamed	LILRB1	protein_cc chr19	55085346	55148979	+	5078	1084.678	0	-1.22532	0.210243	-5.82811	7.02E-08	7.56E-06	0.001845
ENSG0000 response	Inflamed	GUCA2A	protein_cc chr1	42628362	42630389	-	569	10387.05	0	2.648637	0.454677	5.825317	7.11E-08	7.63E-06	0.001868
ENSG0000 response	Inflamed	SLC43A3	protein_cc chr11	57174427	57195053	-	3664	533.5871	0	-0.82856	0.142261	-5.82422	7.14E-08	7.63E-06	0.001878
ENSG0000 response	Inflamed	BNIP3	protein_cc chr10	1.34E+08	1.34E+08	-	2111	232.4081	0	-0.87567	0.150452	-5.8203	7.27E-08	7.74E-06	0.001911
ENSG0000 response	Inflamed	SELE	protein_cc chr1	1.7E+08	1.7E+08	-	4586	368.895	0.02148	-2.69473	0.463076	-5.8192	7.30E-08	7.74E-06	0.00192
ENSG0000 response	Inflamed	MIR4435-1	lincRNA chr2	1.12E+08	1.12E+08	-	8500	381.7733	0	-0.95837	0.164807	-5.81508	7.44E-08	7.83E-06	0.001956
ENSG0000 response	Inflamed	SIRPA	protein_cc chr20	1875154	1920543	+	4032	3339.537	0	-0.9396	0.161584	-5.81491	7.44E-08	7.83E-06	0.001957
ENSG0000 response	Inflamed	CFP	protein_cc chrX	47483612	47489704	-	4576	473.4988	0	-1.16881	0.201303	-5.80622	7.74E-08	8.08E-06	0.002034
ENSG0000 response	Inflamed	C16orf54	protein_cc chr16	29753784	29757327	-	2585	606.716	0	-0.92478	0.159309	-5.80494	7.78E-08	8.08E-06	0.002046
ENSG0000 response	Inflamed	APBB1IP	protein_cc chr10	26727132	26856732	+	3981	1006.251	0	-1.06935	0.18423	-5.8044	7.80E-08	8.08E-06	0.002051
ENSG0000 response	Inflamed	TM4SF5	protein_cc chr17	4675179	4686506	+	930	289.5585	0.004773	1.310385	0.225761	5.804289	7.80E-08	8.08E-06	0.002052
ENSG0000 response	Inflamed	GPSM3	protein_cc chr6	32158543	32163300	-	1854	2022.683	0	-0.8962	0.154426	-5.80345	7.83E-08	8.08E-06	0.002059
ENSG0000 response	Inflamed	IMPDH1	protein_cc chr7	1.28E+08	1.28E+08	-	3662	2418.876	0	-0.59517	0.102572	-5.80252	7.87E-08	8.08E-06	0.002068
ENSG0000 response	Inflamed	LCP2	protein_cc chr5	1.7E+08	1.7E+08	-	7231	2017.652	0	-1.02371	0.176496	-5.80021	7.95E-08	8.09E-06	0.002089
ENSG0000 response	Inflamed	VNN3	protein_cc chr6	1.33E+08	1.33E+08	-	3846	37.42959	0.159905	-1.90899	0.329165	-5.7995	7.97E-08	8.09E-06	0.002096
ENSG0000 response	Inflamed	FJX1	protein_cc chr11	35639735	35642419	+	2685	159.9045	0.00716	-1.48668	0.256349	-5.79945	7.97E-08	8.09E-06	0.002096
ENSG0000 response	Inflamed	CLEC6A	protein_cc chr12	8608522	8630926	+	1682	9.28401	0.367542	-1.42077	0.245209	-5.79411	8.17E-08	8.26E-06	0.002147
ENSG0000 response	Inflamed	FAM110D	protein_cc chr1	26485511	26489119	+	1524	131.2005	0	-1.00693	0.173942	-5.78886	8.36E-08	8.42E-06	0.002198
ENSG0000 response	Inflamed	AC021016	processed_chr2	2.19E+08	2.19E+08	-	775	11.11217	0.042959	-1.00304	0.173356	-5.786	8.47E-08	8.49E-06	0.002226
ENSG0000 response	Inflamed	IL1A	protein_cc chr2	1.14E+08	1.14E+08	-	2124	100.8091	0.085919	-1.9025	0.328953	-5.78352	8.56E-08	8.56E-06	0.00225
ENSG0000 response	Inflamed	TPBGL	protein_cc chr11	74951950	74954742	+	2793	35.87112	0.01432	-1.14726	0.198473	-5.7804	8.68E-08	8.63E-06	0.002282
ENSG0000 response	Inflamed	ARHGDI3	protein_cc chr12	15094951	15114662	-	2102	4927.458	0	-0.85746	0.148352	-5.77992	8.70E-08	8.63E-06	0.002287
ENSG0000 response	Inflamed	BCAT1	protein_cc chr12	24964295	25102393	-	10372	237.4129	0	-1.30264	0.225441	-5.77819	8.76E-08	8.66E-06	0.002304
ENSG0000 response	Inflamed	THEMIS2	protein_cc chr1	28199055	28213196	+	4620	2307.726	0	-1.05762	0.183232	-5.77202	9.01E-08	8.87E-06	0.002368
ENSG0000 response	Inflamed	FCGR3B	protein_cc chr1	1.62E+08	1.62E+08	-	2964	927.5442	0.026253	-2.88061	0.499259	-5.76978	9.10E-08	8.93E-06	0.002392
ENSG0000 response	Inflamed	MICB	protein_cc chr6	31462658	31478901	+	2854	334.9141	0	-0.77415	0.13428	-5.76522	9.28E-08	9.07E-06	0.002441
ENSG0000 response	Inflamed	SAMSN1	protein_cc chr21	15857549	15955723	-	3152	549.5203	0	-1.14258	0.198438	-5.75787	9.59E-08	9.25E-06	0.002522
ENSG0000 response	Inflamed	MFNG	protein_cc chr22	37865101	37882439	-	3042	1092.742	0	-0.63802	0.111081	-5.75779	9.59E-08	9.25E-06	0.002523
ENSG0000 response	Inflamed	NARF	protein_cc chr17	80416056	80448413	+	7939	1648.599	0	-0.39665	0.068889	-5.75773	9.60E-08	9.25E-06	0.002523
ENSG0000 response	Inflamed	ARL11	protein_cc chr13	50202435	50208008	+	3826	130.7995	0	-0.8022	0.139346	-5.7569	9.63E-08	9.25E-06	0.002533

ENSG0000 response	Inflamed	RGS14	protein_cc chr5	1.77E+08	1.77E+08 +	3797	869.2888	0	-0.67472	0.117212	-5.7564	9.65E-08	9.25E-06	0.002538
ENSG0000 response	Inflamed	TNFAIP8L2	protein_cc chr1	1.51E+08	1.51E+08 +	1178	208.6778	0	-0.78173	0.135816	-5.75579	9.68E-08	9.25E-06	0.002545
ENSG0000 response	Inflamed	MFSD4	protein_cc chr1	2.06E+08	2.06E+08 +	5570	1520.668	0	1.554237	0.270173	5.752759	9.81E-08	9.33E-06	0.002579
ENSG0000 response	Inflamed	MEI1	protein_cc chr22	42095503	42195460 +	5412	619.0644	0	-1.22212	0.212461	-5.75221	9.84E-08	9.33E-06	0.002586
ENSG0000 response	Inflamed	KIAA1199	protein_cc chr15	81071684	81244117 +	7621	4416.494	0.002387	-2.35201	0.409005	-5.75058	9.91E-08	9.37E-06	0.002604
ENSG0000 response	Inflamed	OAZ2	protein_cc chr15	64979772	64995480 -	7671	2405.107	0	-0.4743	0.0825	-5.74907	9.97E-08	9.40E-06	0.002622
ENSG0000 response	Inflamed	CTHRC1	protein_cc chr8	1.04E+08	1.04E+08 +	1776	311.5752	0	-1.73615	0.302066	-5.74756	1.00E-07	9.43E-06	0.00264
ENSG0000 response	Inflamed	CYP27B1	protein_cc chr12	58156117	58162769 -	3440	140.6611	0	-0.96536	0.168027	-5.7453	1.01E-07	9.49E-06	0.002666
ENSG0000 response	Inflamed	VAV1	protein_cc chr19	6772725	6857377 +	4269	1151	0	-0.86116	0.149921	-5.74406	1.02E-07	9.51E-06	0.002681
ENSG0000 response	Inflamed	TMEM132	protein_cc chr11	60691935	60704631 +	7271	1303.153	0	-1.38692	0.241672	-5.73886	1.04E-07	9.67E-06	0.002743
ENSG0000 response	Inflamed	ACOXL	protein_cc chr2	1.11E+08	1.12E+08 +	5747	50.00955	0.004773	-1.25581	0.218836	-5.7386	1.04E-07	9.67E-06	0.002746
ENSG0000 response	Inflamed	CA1	protein_cc chr8	86239837	86291243 -	4068	13359.33	0.004773	2.993346	0.52184	5.736135	1.06E-07	9.74E-06	0.002777
ENSG0000 response	Inflamed	CEACAM2	protein_cc chr19	42055886	42093197 +	1926	104.4964	0.009547	-0.94459	0.164743	-5.73374	1.07E-07	9.81E-06	0.002806
ENSG0000 response	Inflamed	MZB1	protein_cc chr5	1.39E+08	1.39E+08 -	2273	6434.499	0	-1.51312	0.264064	-5.73012	1.08E-07	9.89E-06	0.002851
ENSG0000 response	Inflamed	RP11-8071	pseudoger chr11	71883483	71889086 +	829	4.205251	0.315036	0.874247	0.152584	5.729612	1.09E-07	9.89E-06	0.002858
ENSG0000 response	Inflamed	P2RY6	protein_cc chr11	72975550	73009662 +	3976	454.9928	0	-0.83453	0.145655	-5.72952	1.09E-07	9.89E-06	0.002859
ENSG0000 response	Inflamed	FES	protein_cc chr15	91426925	91439006 +	4241	918.358	0	-0.77455	0.135266	-5.7261	1.10E-07	1.00E-05	0.002903
ENSG0000 response	Inflamed	RP11-234E	lincRNA chr12	4809583	4829268 -	1249	523.2458	0.00716	1.265011	0.22096	5.725065	1.11E-07	1.00E-05	0.002916
ENSG0000 response	Inflamed	RP11-855C	lincRNA chr11	61355966	61375022 +	2349	13.65155	0.169451	1.365667	0.238731	5.720533	1.13E-07	1.02E-05	0.002975
ENSG0000 response	Inflamed	PPM1M	protein_cc chr3	52279841	52284613 +	3539	795.537	0	-0.72626	0.127001	-5.71853	1.14E-07	1.02E-05	0.003002
ENSG0000 response	Inflamed	PTGES	protein_cc chr9	1.33E+08	1.33E+08 -	1896	176.2291	0	-1.45741	0.254938	-5.71672	1.15E-07	1.03E-05	0.003026
ENSG0000 response	Inflamed	CCL18	protein_cc chr17	34391640	34399392 +	1397	1300.592	0	-1.9023	0.332792	-5.71617	1.15E-07	1.03E-05	0.003033
ENSG0000 response	Inflamed	LINC00152	lincRNA chr2	87754887	87906324 +	3125	244.3461	0	-1.20669	0.211156	-5.7147	1.16E-07	1.03E-05	0.003053
ENSG0000 response	Inflamed	FAM132B	protein_cc chr2	2.39E+08	2.39E+08 +	3572	128.1718	0.004773	-1.81684	0.318063	-5.7122	1.17E-07	1.04E-05	0.003087
ENSG0000 response	Inflamed	IGHG3	IG_C_gene chr14	1.06E+08	1.06E+08 -	1268	109430.7	0	-2.69033	0.471456	-5.70643	1.20E-07	1.05E-05	0.003166
ENSG0000 response	Inflamed	GMFG	protein_cc chr19	39818993	39833012 -	1490	584.327	0	-0.97847	0.171489	-5.70575	1.21E-07	1.05E-05	0.003176
ENSG0000 response	Inflamed	LAMP3	protein_cc chr3	1.83E+08	1.83E+08 -	3816	756.2124	0	-1.58862	0.278431	-5.7056	1.21E-07	1.05E-05	0.003178
ENSG0000 response	Inflamed	DCC	protein_cc chr18	49866542	51057784 +	8649	26.00239	0.133652	-1.69604	0.297268	-5.70542	1.21E-07	1.05E-05	0.003181
ENSG0000 response	Inflamed	GPR114	protein_cc chr16	57576333	57625593 +	5852	699.3365	0	-0.93322	0.163592	-5.70454	1.21E-07	1.05E-05	0.003193
ENSG0000 response	Inflamed	ITGAX	protein_cc chr16	31366455	31394318 +	6533	2691.093	0	-1.48027	0.259524	-5.7038	1.22E-07	1.05E-05	0.003203
ENSG0000 response	Inflamed	INHBA	protein_cc chr7	41724712	41742706 -	7532	410.969	0.016706	-2.28243	0.400176	-5.70356	1.22E-07	1.05E-05	0.003207
ENSG0000 response	Inflamed	PCK1	protein_cc chr20	56136136	56141513 +	5164	4598.964	0	2.739479	0.4805	5.701311	1.23E-07	1.06E-05	0.003239
ENSG0000 response	Inflamed	MAPKAPK	protein_cc chr1	2.07E+08	2.07E+08 +	4195	7827.566	0	-0.60582	0.106288	-5.69977	1.24E-07	1.07E-05	0.003261
ENSG0000 response	Inflamed	RGCC	protein_cc chr13	42031695	42045018 +	1032	507.1337	0	-0.99219	0.17425	-5.69407	1.27E-07	1.09E-05	0.003344
ENSG0000 response	Inflamed	JAK3	protein_cc chr19	17935589	17958880 -	6813	2315.53	0	-1.26751	0.222658	-5.69262	1.28E-07	1.09E-05	0.003365
ENSG0000 response	Inflamed	FRMD1	protein_cc chr6	1.68E+08	1.68E+08 -	5788	1189.621	0.00716	2.111337	0.371074	5.689801	1.30E-07	1.10E-05	0.003407
ENSG0000 response	Inflamed	IGKV1-5	IG_V_gene chr2	89246819	89247475 -	532	33498.81	0	-1.6693	0.293486	-5.68782	1.31E-07	1.11E-05	0.003437
ENSG0000 response	Inflamed	PNOC	protein_cc chr8	28174503	28200872 +	2126	246.0573	0	-1.42234	0.250351	-5.68139	1.35E-07	1.14E-05	0.003536
ENSG0000 response	Inflamed	SLA	protein_cc chr8	1.34E+08	1.34E+08 -	7633	1209.224	0	-1.06867	0.188132	-5.68044	1.35E-07	1.14E-05	0.003551
ENSG0000 response	Inflamed	IGKV3-11	IG_V_gene chr2	89326668	89327228 -	392	33944.01	0	-1.62082	0.28538	-5.67951	1.36E-07	1.14E-05	0.003566

ENSG0000 response	Inflamed	SASH3	protein_cc chrX	1.29E+08	1.29E+08	+	2711	2292.246	0	-0.92051	0.162102	-5.67859	1.36E-07	1.14E-05	0.00358
ENSG0000 response	Inflamed	GSTO2	protein_cc chr10	1.06E+08	1.06E+08	+	10344	548.5131	0	0.754087	0.132798	5.678468	1.36E-07	1.14E-05	0.003582
ENSG0000 response	Inflamed	VIPR1	protein_cc chr3	42530791	42579059	+	7378	4176.878	0	1.451278	0.25576	5.674384	1.39E-07	1.15E-05	0.003647
ENSG0000 response	Inflamed	RP11-65J3	lincRNA chr9	1.32E+08	1.32E+08	+	1594	52.17661	0	-1.01043	0.178111	-5.67304	1.40E-07	1.16E-05	0.003669
ENSG0000 response	Inflamed	AC079325	pseudoger chr17	72556855	72563482	-	501	9.143198	0.350835	-1.37647	0.242671	-5.67217	1.40E-07	1.16E-05	0.003683
ENSG0000 response	Inflamed	FIBIN	protein_cc chr11	27015628	27018630	+	3003	330.2697	0	-1.47905	0.260813	-5.6709	1.41E-07	1.16E-05	0.003703
ENSG0000 response	Inflamed	SIRPB1	protein_cc chr20	1544167	1600707	-	6091	299.5322	0	-1.49222	0.263159	-5.67043	1.41E-07	1.16E-05	0.003711
ENSG0000 response	Inflamed	AP000695	antisense chr21	37818029	37904706	+	1178	3.832936	0.400955	-0.99481	0.17549	-5.66878	1.42E-07	1.16E-05	0.003738
ENSG0000 response	Inflamed	LOXL2	protein_cc chr8	23154702	23282841	-	5707	3418.432	0	-1.20523	0.212755	-5.66488	1.45E-07	1.18E-05	0.003803
ENSG0000 response	Inflamed	KCNE1	protein_cc chr21	35818988	35884573	-	5647	24.22912	0.038186	-1.19245	0.210932	-5.65324	1.52E-07	1.24E-05	0.004003
ENSG0000 response	Inflamed	F5	protein_cc chr1	1.69E+08	1.7E+08	-	7158	229.1671	0.004773	-1.42469	0.252023	-5.65303	1.52E-07	1.24E-05	0.004006
ENSG0000 response	Inflamed	TUBB6	protein_cc chr18	12307668	12344319	+	4117	1371.549	0	-0.95663	0.169488	-5.64422	1.58E-07	1.28E-05	0.004165
ENSG0000 response	Inflamed	PTPN6	protein_cc chr12	7055631	7070479	+	5009	3466.833	0	-0.58096	0.103153	-5.632	1.67E-07	1.35E-05	0.004394
ENSG0000 response	Inflamed	FCRL5	protein_cc chr1	1.57E+08	1.58E+08	-	12440	2319.776	0	-1.57348	0.279485	-5.62992	1.69E-07	1.36E-05	0.004435
ENSG0000 response	Inflamed	CTB-114C7	lincRNA chr5	1.7E+08	1.7E+08	-	2182	10.54177	0.21957	-1.37368	0.244121	-5.62707	1.71E-07	1.36E-05	0.00449
ENSG0000 response	Inflamed	MAPK11	protein_cc chr22	50702142	50709196	-	3321	350.1002	0	-1.0892	0.193583	-5.62654	1.71E-07	1.36E-05	0.004501
ENSG0000 response	Inflamed	CECR6	protein_cc chr22	17597189	17602257	-	5069	64.95943	0.00716	-1.03351	0.183687	-5.62647	1.71E-07	1.36E-05	0.004502
ENSG0000 response	Inflamed	SPATA20P	pseudoger chr21	39610149	39610586	-	438	2.682578	0.687351	-1.10086	0.195718	-5.62474	1.73E-07	1.37E-05	0.004537
ENSG0000 response	Inflamed	FMNL1	protein_cc chr17	43298811	43324687	+	7563	2862.728	0	-1.13168	0.201206	-5.62447	1.73E-07	1.37E-05	0.004542
ENSG0000 response	Inflamed	HCAR2	protein_cc chr12	1.23E+08	1.23E+08	-	2051	522.4296	0.011933	-2.40505	0.427958	-5.61981	1.76E-07	1.39E-05	0.004636
ENSG0000 response	Inflamed	RP11-47G7	pseudoger chr10	1.26E+08	1.26E+08	-	525	7.331742	0.210024	-1.1276	0.200669	-5.6192	1.77E-07	1.39E-05	0.004648
ENSG0000 response	Inflamed	SIGLEC10	protein_cc chr19	51913275	51921057	-	3667	1314.695	0	-0.84976	0.151253	-5.6181	1.78E-07	1.39E-05	0.004671
ENSG0000 response	Inflamed	LIMK1	protein_cc chr7	73497263	73536855	+	6902	1914.938	0	-0.64625	0.115042	-5.61755	1.78E-07	1.39E-05	0.004682
ENSG0000 response	Inflamed	CHP2	protein_cc chr16	23765948	23770272	+	2382	5338.893	0.004773	1.938635	0.345112	5.617412	1.78E-07	1.39E-05	0.004685
ENSG0000 response	Inflamed	SH2D2A	protein_cc chr1	1.57E+08	1.57E+08	-	2512	315.716	0	-0.72936	0.129842	-5.61731	1.78E-07	1.39E-05	0.004687
ENSG0000 response	Inflamed	RP11-107C	protein_cc chr14	95982473	95984248	+	993	60.642	0.009547	-1.4626	0.260423	-5.61625	1.79E-07	1.39E-05	0.004709
ENSG0000 response	Inflamed	ADAM8	protein_cc chr10	1.35E+08	1.35E+08	-	4780	1523.549	0	-1.29869	0.231346	-5.61362	1.81E-07	1.40E-05	0.004763
ENSG0000 response	Inflamed	CYTIP	protein_cc chr2	1.58E+08	1.58E+08	-	3428	757.3556	0	-1.0782	0.192151	-5.6112	1.83E-07	1.40E-05	0.004814
ENSG0000 response	Inflamed	CXCR2	protein_cc chr2	2.19E+08	2.19E+08	+	3231	690.4177	0.00716	-2.60876	0.464924	-5.61115	1.83E-07	1.40E-05	0.004815
ENSG0000 response	Inflamed	IGHG4	IG_C_gene chr14	1.06E+08	1.06E+08	-	1110	20595.28	0	-2.40111	0.42794	-5.61086	1.83E-07	1.40E-05	0.004821
ENSG0000 response	Inflamed	MILR1	protein_cc chr17	62461569	62464760	+	920	72.11933	0	-0.79825	0.142273	-5.61069	1.84E-07	1.40E-05	0.004825
ENSG0000 response	Inflamed	CCR1	protein_cc chr3	46243200	46249887	-	2731	700.3747	0	-1.12119	0.199834	-5.61062	1.84E-07	1.40E-05	0.004826
ENSG0000 response	Inflamed	CLDN23	protein_cc chr8	8559448	8561616	+	2169	671.3771	0	0.957068	0.170593	5.610251	1.84E-07	1.40E-05	0.004834
ENSG0000 response	Inflamed	AC096579	processed_chr2	89130700	89165653	-	1424	751.389	0	-1.38133	0.24636	-5.60697	1.87E-07	1.41E-05	0.004904
ENSG0000 response	Inflamed	C16orf74	protein_cc chr16	85723690	85784735	-	2181	90.44153	0	-0.9527	0.169982	-5.60468	1.88E-07	1.41E-05	0.004954
ENSG0000 response	Inflamed	KLF4	protein_cc chr9	1.1E+08	1.1E+08	-	3539	11676.52	0	0.969735	0.173024	5.604613	1.88E-07	1.41E-05	0.004955
ENSG0000 response	Inflamed	RHOH	protein_cc chr4	40192673	40248587	+	6594	488.5036	0	-1.19547	0.213302	-5.60459	1.88E-07	1.41E-05	0.004956
ENSG0000 response	Inflamed	WNT2	protein_cc chr7	1.17E+08	1.17E+08	-	3005	114.8115	0.312649	-2.58034	0.460436	-5.60411	1.89E-07	1.41E-05	0.004966
ENSG0000 response	Inflamed	LAPTM5	protein_cc chr1	31205316	31230667	-	3274	9853.138	0	-0.78456	0.140002	-5.60392	1.89E-07	1.41E-05	0.00497
ENSG0000 response	Inflamed	CXCL1	protein_cc chr4	74735110	74736959	+	1296	4821.072	0	-2.14594	0.382987	-5.60317	1.90E-07	1.41E-05	0.004987

ENSG0000 response	Inflamed	MEGF11	protein_cc chr15	66187417	66546085	-	9365	10.24582	0.210024	-1.32233	0.236106	-5.60056	1.92E-07	1.42E-05	0.005044
ENSG0000 response	Inflamed	AC093818	antisense chr2	1.73E+08	1.73E+08	-	2447	130.2578	0	-1.05309	0.188141	-5.59733	1.95E-07	1.44E-05	0.005116
ENSG0000 response	Inflamed	CST7	protein_cc chr20	24929866	24940564	+	930	488.6277	0	-1.13173	0.202278	-5.59494	1.97E-07	1.45E-05	0.00517
ENSG0000 response	Inflamed	TTC7B	protein_cc chr14	91006932	91282823	-	5244	321.1504	0	-0.76916	0.137498	-5.59395	1.97E-07	1.45E-05	0.005192
ENSG0000 response	Inflamed	GSDMC	protein_cc chr8	1.31E+08	1.31E+08	-	2934	24.41289	0.095465	-1.42002	0.253934	-5.59207	1.99E-07	1.46E-05	0.005235
ENSG0000 response	Inflamed	CHST11	protein_cc chr12	1.05E+08	1.05E+08	+	6492	1171.229	0	-1.02107	0.182662	-5.58996	2.01E-07	1.47E-05	0.005283
ENSG0000 response	Inflamed	LINC00211	lincRNA chr2	38053390	38103417	-	2595	3.556086	0.594272	-1.03745	0.185665	-5.58777	2.03E-07	1.48E-05	0.005334
ENSG0000 response	Inflamed	ARPC1B	protein_cc chr7	98971872	98992424	+	3979	5711.695	0	-0.43339	0.077615	-5.58381	2.06E-07	1.50E-05	0.005428
ENSG0000 response	Inflamed	VNN2	protein_cc chr6	1.33E+08	1.33E+08	-	2633	414.8616	0	-1.69741	0.304098	-5.58178	2.08E-07	1.51E-05	0.005476
ENSG0000 response	Inflamed	TMEM98	protein_cc chr17	31254928	31272124	+	5187	2284.695	0	0.61067	0.109453	5.579293	2.11E-07	1.52E-05	0.005536
ENSG0000 response	Inflamed	IGKV1-39	IG_V_gene chr2	89619383	89619904	-	398	726.0263	0	-1.75573	0.315124	-5.57156	2.18E-07	1.56E-05	0.005726
ENSG0000 response	Inflamed	SYTL3	protein_cc chr6	1.59E+08	1.59E+08	+	2790	306.3747	0	-0.69373	0.124523	-5.5711	2.18E-07	1.56E-05	0.005738
ENSG0000 response	Inflamed	VIM	protein_cc chr10	17270258	17279592	+	4965	27974.55	0	-0.88335	0.158564	-5.57096	2.18E-07	1.56E-05	0.005741
ENSG0000 response	Inflamed	EHD3	protein_cc chr2	31456880	31492313	+	4959	729.7136	0	-1.03196	0.185253	-5.57055	2.19E-07	1.56E-05	0.005751
ENSG0000 response	Inflamed	VSTM2A	protein_cc chr7	54610018	54638773	+	5967	212.6754	0.038186	2.229817	0.400308	5.570257	2.19E-07	1.56E-05	0.005759
ENSG0000 response	Inflamed	RP11-325F	lincRNA chr7	1.05E+08	1.05E+08	+	1034	65.37232	0	-0.76523	0.137386	-5.56993	2.19E-07	1.56E-05	0.005767
ENSG0000 response	Inflamed	CTB-43E15	lincRNA chr5	1.73E+08	1.73E+08	-	2815	41.52029	0.085919	-1.78454	0.320405	-5.56966	2.20E-07	1.56E-05	0.005774
ENSG0000 response	Inflamed	EPHX2	protein_cc chr8	27348296	27403081	+	4473	2283.286	0	0.961737	0.172675	5.569639	2.20E-07	1.56E-05	0.005774
ENSG0000 response	Inflamed	MMP10	protein_cc chr11	1.03E+08	1.03E+08	-	1758	597.673	0.009547	-2.3642	0.424591	-5.56817	2.21E-07	1.56E-05	0.005811
ENSG0000 response	Inflamed	TUBB3	protein_cc chr16	89987800	90005169	+	6138	35.39379	0.019093	-1.23025	0.220992	-5.56695	2.22E-07	1.57E-05	0.005842
ENSG0000 response	Inflamed	CLEC4D	protein_cc chr12	8662071	8674962	+	2013	31.95465	0.26253	-1.89889	0.3412	-5.56534	2.24E-07	1.57E-05	0.005884
ENSG0000 response	Inflamed	CTSL	protein_cc chr9	90340434	90346308	+	2366	2232.069	0	-0.87367	0.157023	-5.56396	2.25E-07	1.57E-05	0.005919
ENSG0000 response	Inflamed	FAM20C	protein_cc chr7	192969	300711	+	4629	2496.504	0	-1.00974	0.18148	-5.56395	2.25E-07	1.57E-05	0.005919
ENSG0000 response	Inflamed	ZNF575	protein_cc chr19	44029649	44040282	+	3222	401.0597	0	0.92025	0.165531	5.559381	2.30E-07	1.60E-05	0.006039
ENSG0000 response	Inflamed	PKM	protein_cc chr15	72491370	72524164	-	8572	35795.57	0	-0.50661	0.091157	-5.55753	2.32E-07	1.60E-05	0.006088
ENSG0000 response	Inflamed	LY96	protein_cc chr8	74903587	74941322	+	607	156.7828	0	-1.19882	0.215727	-5.55711	2.32E-07	1.60E-05	0.006099
ENSG0000 response	Inflamed	DYSF	protein_cc chr2	71680852	71913898	+	8386	1916.869	0	-1.35205	0.243311	-5.55688	2.32E-07	1.60E-05	0.006105
ENSG0000 response	Inflamed	RELT	protein_cc chr11	73087309	73108519	+	6322	669.7947	0	-0.92827	0.167058	-5.55655	2.33E-07	1.60E-05	0.006114
ENSG0000 response	Inflamed	SERPINB9	protein_cc chr6	2887500	2903514	-	4118	1617.594	0	-1.11131	0.20005	-5.55515	2.34E-07	1.61E-05	0.006151
ENSG0000 response	Inflamed	PTPRN2	protein_cc chr7	1.57E+08	1.58E+08	-	5006	1785.747	0	0.839912	0.151232	5.553792	2.35E-07	1.61E-05	0.006188
ENSG0000 response	Inflamed	TMEM206	protein_cc chr1	2.13E+08	2.13E+08	-	2914	159.3604	0	-0.6149	0.11074	-5.55264	2.37E-07	1.61E-05	0.006219
ENSG0000 response	Inflamed	RP11-275F	antisense chr1	51795326	51800996	+	1222	54.94511	0.009547	0.976874	0.17593	5.552626	2.37E-07	1.61E-05	0.006219
ENSG0000 response	Inflamed	CAPN13	protein_cc chr2	30945637	31043408	-	5203	624.2768	0.004773	1.9107	0.344112	5.552561	2.37E-07	1.61E-05	0.006221
ENSG0000 response	Inflamed	BMP6	protein_cc chr6	7727030	7881655	+	2780	460.2816	0	-1.21763	0.219349	-5.5511	2.38E-07	1.62E-05	0.006261
ENSG0000 response	Inflamed	BTK	protein_cc chrX	1.01E+08	1.01E+08	-	4227	732.1408	0	-1.0293	0.185645	-5.54443	2.45E-07	1.66E-05	0.006446
ENSG0000 response	Inflamed	WISP1	protein_cc chr8	1.34E+08	1.34E+08	+	3844	516.3652	0.00716	-1.90179	0.343048	-5.54379	2.46E-07	1.66E-05	0.006464
ENSG0000 response	Inflamed	BIN2	protein_cc chr12	51674822	51718452	-	3976	1171.069	0	-0.79353	0.143153	-5.54326	2.46E-07	1.66E-05	0.006479
ENSG0000 response	Inflamed	MMP25	protein_cc chr16	3096682	3110727	+	4126	1374.465	0	-1.25612	0.226624	-5.54275	2.47E-07	1.66E-05	0.006493
ENSG0000 response	Inflamed	CCDC147	protein_cc chr10	1.06E+08	1.06E+08	+	3548	5.28401	0.24105	-0.93736	0.169124	-5.54247	2.47E-07	1.66E-05	0.006501
ENSG0000 response	Inflamed	CCL3	protein_cc chr17	34415602	34417515	-	1494	408.074	0	-1.70588	0.307906	-5.54025	2.50E-07	1.67E-05	0.006564

ENSG0000 response	Inflamed	NRCAM	protein_cc chr7	1.08E+08	1.08E+08	-	7939	173.8282	0.016706	-1.90995	0.34483	-5.53882	2.51E-07	1.68E-05	0.006605
ENSG0000 response	Inflamed	HM13	protein_cc chr20	30102231	30157370	+	5701	6862.408	0	-0.45787	0.082727	-5.53473	2.56E-07	1.70E-05	0.006724
ENSG0000 response	Inflamed	NEDD4L	protein_cc chr18	55711599	56068772	+	15717	4518.776	0	0.955345	0.172623	5.534292	2.56E-07	1.70E-05	0.006737
ENSG0000 response	Inflamed	GYPC	protein_cc chr2	1.27E+08	1.27E+08	+	3237	786.1933	0	-0.95051	0.171787	-5.53306	2.58E-07	1.71E-05	0.006773
ENSG0000 response	Inflamed	CDHR1	protein_cc chr10	85954410	85979377	+	6189	3671.399	0	2.303865	0.416528	5.531112	2.60E-07	1.72E-05	0.006831
ENSG0000 response	Inflamed	C6orf136	protein_cc chr6	30614816	30620987	+	2118	1612.057	0	0.581898	0.105221	5.530245	2.61E-07	1.72E-05	0.006856
ENSG0000 response	Inflamed	TNFRSF10C	protein_cc chr8	22941868	22974950	+	2625	448.0119	0	-1.78772	0.323313	-5.52937	2.62E-07	1.72E-05	0.006882
ENSG0000 response	Inflamed	GPR132	protein_cc chr14	1.06E+08	1.06E+08	-	4198	448.9905	0	-1.04608	0.189191	-5.52924	2.62E-07	1.72E-05	0.006887
ENSG0000 response	Inflamed	GNAI2	protein_cc chr3	50263724	50296787	+	7650	9413.78	0	-0.73319	0.132614	-5.52877	2.62E-07	1.72E-05	0.0069
ENSG0000 response	Inflamed	BGN	protein_cc chrX	1.53E+08	1.53E+08	+	2453	4698.866	0	-1.4759	0.267071	-5.52623	2.65E-07	1.73E-05	0.006977
ENSG0000 response	Inflamed	MNX1	protein_cc chr7	1.57E+08	1.57E+08	-	4202	359.5585	0.004773	1.137932	0.205996	5.524062	2.68E-07	1.74E-05	0.007043
ENSG0000 response	Inflamed	PLCG2	protein_cc chr16	81772702	81991899	+	9017	2322.298	0	-1.04003	0.188328	-5.52246	2.70E-07	1.75E-05	0.007093
ENSG0000 response	Inflamed	HAPLN3	protein_cc chr15	89420519	89438857	-	3524	905.6348	0	-1.42312	0.257719	-5.52199	2.70E-07	1.75E-05	0.007107
ENSG0000 response	Inflamed	AQP7	protein_cc chr9	33384765	33402643	-	2091	200.6396	0.00716	1.620889	0.293691	5.519019	2.74E-07	1.77E-05	0.0072
ENSG0000 response	Inflamed	FSCN1	protein_cc chr7	5632439	5646286	+	3707	2245.971	0	-1.04192	0.188843	-5.51737	2.76E-07	1.77E-05	0.007251
ENSG0000 response	Inflamed	THY1	protein_cc chr11	1.19E+08	1.19E+08	-	5923	3910.936	0	-1.25014	0.226593	-5.51712	2.76E-07	1.77E-05	0.007259
ENSG0000 response	Inflamed	FERMT3	protein_cc chr11	63974150	63991354	+	3062	2478.16	0	-0.77817	0.141105	-5.51485	2.79E-07	1.78E-05	0.007331
ENSG0000 response	Inflamed	PKLR	protein_cc chr1	1.55E+08	1.55E+08	-	2618	32.84726	0.157518	1.316287	0.238684	5.51477	2.79E-07	1.78E-05	0.007334
ENSG0000 response	Inflamed	SNN	protein_cc chr16	11762270	11773015	+	3312	995.8496	0	-0.74798	0.135646	-5.51418	2.80E-07	1.78E-05	0.007353
ENSG0000 response	Inflamed	CTD-2616J	protein_cc chr19	51891543	51893828	-	1447	3.868735	0.260143	-0.69166	0.125502	-5.51119	2.83E-07	1.80E-05	0.007449
ENSG0000 response	Inflamed	SNX20	protein_cc chr16	50700211	50715264	-	5754	769.7208	0	-1.02208	0.185463	-5.51096	2.84E-07	1.80E-05	0.007456
ENSG0000 response	Inflamed	PRAF2	protein_cc chrX	48928813	48931730	-	1738	457.8329	0	-0.6911	0.125435	-5.50965	2.85E-07	1.81E-05	0.007499
ENSG0000 response	Inflamed	GRM2	protein_cc chr3	51741086	51752629	+	7096	15.98807	0.100239	-1.23263	0.223793	-5.50789	2.87E-07	1.82E-05	0.007557
ENSG0000 response	Inflamed	ANGPTL2	protein_cc chr9	1.3E+08	1.3E+08	-	3889	3314.317	0	-1.30083	0.236208	-5.50716	2.88E-07	1.82E-05	0.007581
ENSG0000 response	Inflamed	IGKV1-27	IG_V_gene chr2	89512908	89513413	-	382	3866.976	0	-1.59304	0.289331	-5.50594	2.90E-07	1.82E-05	0.007621
ENSG0000 response	Inflamed	APOBEC3F	protein_cc chr22	39436609	39449915	+	3242	225.4033	0	-0.68968	0.125283	-5.50495	2.91E-07	1.83E-05	0.007654
ENSG0000 response	Inflamed	STARD10	protein_cc chr11	72465774	72504726	-	3710	6853.243	0	0.851405	0.154689	5.503979	2.92E-07	1.83E-05	0.007686
ENSG0000 response	Inflamed	CORO1A	protein_cc chr16	30194148	30200397	+	4871	5579.179	0	-0.94131	0.171058	-5.50287	2.94E-07	1.83E-05	0.007723
ENSG0000 response	Inflamed	RP5-1071H	antisense chr1	21619783	21626267	+	2479	28.8043	0.016706	-1.05289	0.191423	-5.50032	2.97E-07	1.85E-05	0.007809
ENSG0000 response	Inflamed	IGHV4-34	IG_V_gene chr14	1.07E+08	1.07E+08	-	400	10580.37	0	-1.90766	0.346844	-5.50006	2.97E-07	1.85E-05	0.007818
ENSG0000 response	Inflamed	BHLHE40-1	antisense chr3	4938493	5021646	-	2718	43.80191	0.004773	-0.72283	0.131474	-5.49792	3.00E-07	1.86E-05	0.007891
ENSG0000 response	Inflamed	NFAM1	protein_cc chr22	42776416	42828401	-	5817	1393.563	0	-1.08459	0.197321	-5.4966	3.02E-07	1.87E-05	0.007936
ENSG0000 response	Inflamed	TP73	protein_cc chr1	3569084	3652765	+	6763	140.6921	0.002387	-1.20133	0.21865	-5.49433	3.05E-07	1.88E-05	0.008015
ENSG0000 response	Inflamed	FBXO10	protein_cc chr9	37510889	37588871	-	6059	227.0907	0	-0.65229	0.118734	-5.49365	3.06E-07	1.88E-05	0.008038
ENSG0000 response	Inflamed	AC073842	antisense chr7	99728587	99738062	+	342	7.792363	0.119332	0.813422	0.148103	5.492263	3.08E-07	1.89E-05	0.008087
ENSG0000 response	Inflamed	APOBEC3C	protein_cc chr22	39436924	39483748	+	5496	619.2243	0	-0.86826	0.158122	-5.49109	3.09E-07	1.89E-05	0.008128
ENSG0000 response	Inflamed	TNF	protein_cc chr6	31543344	31546113	+	1676	253.4057	0	-1.02418	0.186533	-5.49058	3.10E-07	1.89E-05	0.008146
ENSG0000 response	Inflamed	RASSF5	protein_cc chr1	2.07E+08	2.07E+08	+	6174	2484.807	0	-0.91164	0.166116	-5.48798	3.13E-07	1.91E-05	0.008239
ENSG0000 response	Inflamed	RP11-279F	lincRNA chr15	69755365	69863775	+	2815	61.31742	0.026253	1.386443	0.252673	5.487105	3.15E-07	1.91E-05	0.00827
ENSG0000 response	Inflamed	ARID5A	protein_cc chr2	97202480	97218375	+	3565	1579.573	0	-0.82258	0.15003	-5.48276	3.21E-07	1.95E-05	0.008427

ENSG0000 response	Inflamed	STRA6	protein_cc chr15	74471807	74504608	-	7690	180.4368	0.045346	-1.94964	0.355709	-5.48099	3.23E-07	1.96E-05	0.008492
ENSG0000 response	Inflamed	CTSH	protein_cc chr15	79213400	79241916	-	5892	3696.647	0	-0.69889	0.127521	-5.48061	3.24E-07	1.96E-05	0.008506
ENSG0000 response	Inflamed	PLEK	protein_cc chr2	68592305	68624585	+	3314	3139.597	0	-1.4551	0.265663	-5.47725	3.28E-07	1.98E-05	0.008631
ENSG0000 response	Inflamed	MMP9	protein_cc chr20	44637547	44645200	+	2336	5161.659	0	-1.64594	0.300563	-5.47621	3.30E-07	1.98E-05	0.00867
ENSG0000 response	Inflamed	CTB-41I6.2	lincRNA chr17	8870840	8880312	+	557	13.42243	0.031026	-0.8451	0.154417	-5.47286	3.35E-07	2.01E-05	0.008797
ENSG0000 response	Inflamed	CYP24A1	protein_cc chr20	52769988	52790512	-	3972	77.91647	0.217184	-2.13717	0.390688	-5.47027	3.38E-07	2.03E-05	0.008896
ENSG0000 response	Inflamed	KLK10	protein_cc chr19	51515995	51523431	-	3853	1661.446	0	-2.83854	0.519024	-5.469	3.40E-07	2.03E-05	0.008945
ENSG0000 response	Inflamed	RP3-407E4	pseudoger chr6	64104912	64107011	-	1548	1.968974	0.673031	0.813216	0.148721	5.468063	3.42E-07	2.04E-05	0.008981
ENSG0000 response	Inflamed	DPEP2	protein_cc chr16	68021297	68034489	-	3498	275.8377	0	-0.81348	0.148823	-5.46608	3.45E-07	2.05E-05	0.009059
ENSG0000 response	Inflamed	SH2D3C	protein_cc chr9	1.31E+08	1.31E+08	-	4599	860.6301	0	-0.98388	0.18001	-5.4657	3.45E-07	2.05E-05	0.009074
ENSG0000 response	Inflamed	TMCC2	protein_cc chr1	2.05E+08	2.05E+08	+	4922	144.3771	0	-0.98706	0.180613	-5.46508	3.46E-07	2.05E-05	0.009098
ENSG0000 response	Inflamed	BHLHA15	protein_cc chr7	97840739	97842291	+	798	422.6301	0	-1.27994	0.234331	-5.46212	3.51E-07	2.07E-05	0.009215
ENSG0000 response	Inflamed	IL10RA	protein_cc chr11	1.18E+08	1.18E+08	+	6546	3317.415	0	-0.79166	0.144982	-5.46042	3.53E-07	2.08E-05	0.009283
ENSG0000 response	Inflamed	MT-CO3	protein_cc chrM	9207	9990	+	784	883817.3	0	0.747779	0.136986	5.458794	3.56E-07	2.09E-05	0.009349
ENSG0000 response	Inflamed	TWIST1	protein_cc chr7	19060614	19157295	-	2033	121.4702	0.00716	-1.51822	0.278139	-5.45848	3.56E-07	2.09E-05	0.009361
ENSG0000 response	Inflamed	MT-ND1	protein_cc chrM	3307	4262	+	956	399641.4	0	0.5708	0.10458	5.458007	3.57E-07	2.09E-05	0.009381
ENSG0000 response	Inflamed	IGKV3D-11	IG_V_gene chr2	90211643	90212253	+	442	263.3604	0.002387	-1.45153	0.265979	-5.45731	3.58E-07	2.09E-05	0.009409
ENSG0000 response	Inflamed	OLR1	protein_cc chr12	10310902	10324737	-	3055	57.09308	0.045346	-1.66504	0.30528	-5.45412	3.63E-07	2.11E-05	0.00954
ENSG0000 response	Inflamed	FMO3	protein_cc chr1	1.71E+08	1.71E+08	+	3463	39.94749	0.026253	-1.24	0.22737	-5.45366	3.64E-07	2.11E-05	0.009559
ENSG0000 response	Inflamed	AC073316	lincRNA chr7	3236258	3237888	-	418	1.606205	0.649165	-0.75899	0.139203	-5.4524	3.66E-07	2.12E-05	0.009611
ENSG0000 response	Inflamed	PIK3R5	protein_cc chr17	8782233	8869029	-	7501	1174.119	0	-0.89208	0.163619	-5.45219	3.66E-07	2.12E-05	0.00962
ENSG0000 response	Inflamed	ATOH1	protein_cc chr4	94750042	94751221	+	1180	955.716	0.009547	1.543409	0.283316	5.447666	3.73E-07	2.16E-05	0.00981
ENSG0000 response	Inflamed	FLI1-AS1	antisense chr11	1.29E+08	1.29E+08	-	1298	36.56563	0.002387	-0.86357	0.158623	-5.44415	3.79E-07	2.18E-05	0.00996
ENSG0000 response	Inflamed	IGKV1D-35	IG_V_gene chr2	89901292	89901791	+	376	967.7566	0	-1.62935	0.299323	-5.44344	3.80E-07	2.19E-05	0.009991
ENSG0000 response	Inflamed	IGKV1-16	IG_V_gene chr2	89399352	89399854	-	378	5157.01	0	-1.54227	0.283449	-5.4411	3.84E-07	2.20E-05	0.010092
ENSG0000 response	Inflamed	TAGAP	protein_cc chr6	1.59E+08	1.59E+08	-	4089	1374.663	0	-1.33114	0.244711	-5.43962	3.86E-07	2.21E-05	0.010157
ENSG0000 response	Inflamed	SRPX2	protein_cc chrX	99899215	99926296	+	2368	310.2411	0	-1.01132	0.185931	-5.43922	3.87E-07	2.21E-05	0.010174
ENSG0000 response	Inflamed	IRG1	protein_cc chr13	77522632	77532777	+	2177	59.27446	0.386635	-2.18178	0.401125	-5.43915	3.87E-07	2.21E-05	0.010177
ENSG0000 response	Inflamed	IGFBP7	protein_cc chr4	57896939	57976551	-	1932	8715.718	0	-1.00326	0.184628	-5.43395	3.96E-07	2.25E-05	0.010408
ENSG0000 response	Inflamed	MT-CO1	protein_cc chrM	5904	7445	+	1542	1910545	0	0.587392	0.108112	5.43317	3.97E-07	2.26E-05	0.010444
ENSG0000 response	Inflamed	GFAP	protein_cc chr17	42982376	42994305	-	6086	15.48926	0.114558	-1.2958	0.238539	-5.43223	3.99E-07	2.26E-05	0.010486
ENSG0000 response	Inflamed	TCN1	protein_cc chr11	59620273	59634048	-	1586	377.2959	0.112172	-2.5814	0.475215	-5.43207	3.99E-07	2.26E-05	0.010493
ENSG0000 response	Inflamed	SMOC1	protein_cc chr14	70320848	70499083	+	4369	369.2506	0	-1.49629	0.275518	-5.43083	4.01E-07	2.26E-05	0.01055
ENSG0000 response	Inflamed	TMEM45A	protein_cc chr3	1E+08	1E+08	+	6005	270.7566	0	-0.92236	0.169885	-5.42929	4.04E-07	2.27E-05	0.01062
ENSG0000 response	Inflamed	HES1	protein_cc chr3	1.94E+08	1.94E+08	+	2062	1841.179	0	0.572878	0.105522	5.428986	4.04E-07	2.27E-05	0.010634
ENSG0000 response	Inflamed	SELP	protein_cc chr1	1.7E+08	1.7E+08	-	3490	719.6229	0.002387	-1.66868	0.307368	-5.42892	4.05E-07	2.27E-05	0.010637
ENSG0000 response	Inflamed	OLFML2B	protein_cc chr1	1.62E+08	1.62E+08	-	3415	833.6158	0	-1.31015	0.241379	-5.42776	4.07E-07	2.27E-05	0.01069
ENSG0000 response	Inflamed	PLEKHN1	protein_cc chr1	901877	911245	+	2833	139.3986	0.00716	-1.19047	0.219428	-5.42531	4.11E-07	2.29E-05	0.010804
ENSG0000 response	Inflamed	GFPT2	protein_cc chr5	1.8E+08	1.8E+08	-	4780	379.6038	0.002387	-1.48596	0.273971	-5.4238	4.14E-07	2.30E-05	0.010874
ENSG0000 response	Inflamed	NNMT	protein_cc chr11	1.14E+08	1.14E+08	+	2919	1120.871	0	-1.3851	0.255436	-5.42249	4.16E-07	2.31E-05	0.010936

ENSG0000 response	Inflamed	STX11	protein_cc chr6	1.44E+08	1.45E+08	+	1926	326.599	0.002387	-1.11603	0.205826	-5.42222	4.16E-07	2.31E-05	0.010949
ENSG0000 response	Inflamed	GNLY	protein_cc chr2	85912298	85925977	+	3051	419.4487	0	-1.26016	0.232438	-5.4215	4.18E-07	2.31E-05	0.010983
ENSG0000 response	Inflamed	RAP1GAP	protein_cc chr1	21922708	21995801	-	5650	3014.356	0	1.218254	0.224775	5.41989	4.21E-07	2.32E-05	0.011059
ENSG0000 response	Inflamed	RP11-459C	lincRNA chr17	3880397	3885193	+	549	9.747017	0.088305	0.882451	0.162845	5.418945	4.22E-07	2.33E-05	0.011104
ENSG0000 response	Inflamed	THRB	protein_cc chr3	24158651	24536773	-	8709	458.2816	0.002387	1.231471	0.227281	5.418278	4.24E-07	2.33E-05	0.011136
ENSG0000 response	Inflamed	CAMK2N2	protein_cc chr3	1.84E+08	1.84E+08	-	1362	10.98568	0.052506	-1.06056	0.195747	-5.41801	4.24E-07	2.33E-05	0.011149
ENSG0000 response	Inflamed	SYP	protein_cc chrX	49044269	49056718	-	5203	279.2315	0	0.828436	0.152989	5.415001	4.30E-07	2.35E-05	0.011295
ENSG0000 response	Inflamed	CTD-2288f	antisense chr16	18938185	18948365	+	463	15.75895	0.004773	0.630054	0.116366	5.414431	4.31E-07	2.35E-05	0.011323
ENSG0000 response	Inflamed	THPO	protein_cc chr3	1.84E+08	1.84E+08	-	1915	13.23628	0.0358	-0.90781	0.167684	-5.41385	4.32E-07	2.35E-05	0.011351
ENSG0000 response	Inflamed	GRAMD1A	protein_cc chr19	35485688	35517375	+	5942	2407.888	0	-0.83947	0.15512	-5.41174	4.36E-07	2.37E-05	0.011455
ENSG0000 response	Inflamed	AC005152	processed_chr17	70033455	70217977	-	8450	27.60621	0.026253	1.015673	0.187744	5.40987	4.39E-07	2.39E-05	0.011547
ENSG0000 response	Inflamed	PEA15	protein_cc chr1	1.6E+08	1.6E+08	+	2806	4515.518	0	-0.65946	0.121967	-5.40685	4.45E-07	2.41E-05	0.011699
ENSG0000 response	Inflamed	MCHR1	protein_cc chr22	41074754	41078818	+	2961	16.53461	0.088305	-1.17149	0.216754	-5.40469	4.49E-07	2.43E-05	0.011808
ENSG0000 response	Inflamed	TGFBI	protein_cc chr5	1.35E+08	1.35E+08	+	7835	12381.6	0	-0.84955	0.157193	-5.40451	4.49E-07	2.43E-05	0.011817
ENSG0000 response	Inflamed	NOD2	protein_cc chr16	50727514	50766988	+	5747	341.4081	0	-1.12777	0.208708	-5.40357	4.51E-07	2.43E-05	0.011865
ENSG0000 response	Inflamed	AANAT	protein_cc chr17	74449433	74466199	+	2190	2.198091	0.470167	-0.73685	0.136373	-5.40321	4.52E-07	2.43E-05	0.011883
ENSG0000 response	Inflamed	C1R	protein_cc chr12	7187513	7245203	-	4696	7865.148	0	-1.0403	0.192558	-5.40251	4.53E-07	2.43E-05	0.011919
ENSG0000 response	Inflamed	LAX1	protein_cc chr1	2.04E+08	2.04E+08	+	3198	962.6539	0	-1.50343	0.278309	-5.40201	4.54E-07	2.43E-05	0.011945
ENSG0000 response	Inflamed	IRF4	protein_cc chr6	391739	411447	+	5898	3783.876	0	-1.34932	0.249789	-5.40182	4.55E-07	2.43E-05	0.011954
ENSG0000 response	Inflamed	MEOX1	protein_cc chr17	41717756	41739322	-	2707	455.7255	0	-1.22839	0.227473	-5.40016	4.58E-07	2.44E-05	0.01204
ENSG0000 response	Inflamed	KLK15	protein_cc chr19	51328545	51340469	-	2289	221.9857	0.011933	1.949922	0.361134	5.399439	4.59E-07	2.44E-05	0.012078
ENSG0000 response	Inflamed	IGKV3-20	IG_V_gene chr2	89442057	89442643	-	400	57836.42	0	-1.6104	0.298513	-5.39474	4.69E-07	2.49E-05	0.012324
ENSG0000 response	Inflamed	AC007879	lincRNA chr2	2.08E+08	2.08E+08	+	1204	1.460621	0.651551	-0.70959	0.131558	-5.39377	4.71E-07	2.50E-05	0.012376
ENSG0000 response	Inflamed	PGAP3	protein_cc chr17	37827375	37853050	-	3669	2334.819	0	0.63528	0.117798	5.392951	4.72E-07	2.50E-05	0.01242
ENSG0000 response	Inflamed	MB	protein_cc chr22	36002811	36033998	-	3020	257.7112	0.00716	1.583123	0.29366	5.39101	4.76E-07	2.51E-05	0.012524
ENSG0000 response	Inflamed	RP11-536k	antisense chr10	5976233	5987863	-	3912	39.68974	0	-0.90025	0.167024	-5.38993	4.79E-07	2.52E-05	0.012582
ENSG0000 response	Inflamed	AVEN	protein_cc chr15	34158428	34331377	-	1808	417.6444	0	-0.35863	0.06655	-5.38884	4.81E-07	2.52E-05	0.012641
ENSG0000 response	Inflamed	CCDC3	protein_cc chr10	12938627	13141652	-	3681	826.0286	0	-1.37709	0.255577	-5.38815	4.82E-07	2.52E-05	0.012679
ENSG0000 response	Inflamed	KLHDC7B	protein_cc chr22	50986462	50989451	+	2990	124.8854	0.002387	-1.0913	0.202536	-5.38815	4.82E-07	2.52E-05	0.012679
ENSG0000 response	Inflamed	RP11-169l	antisense chr11	72295616	72299023	+	664	10.27924	0.076372	-0.85883	0.1594	-5.38787	4.83E-07	2.52E-05	0.012694
ENSG0000 response	Inflamed	FFAR2	protein_cc chr19	35934809	35942669	+	2149	712.7422	0	-1.86498	0.346155	-5.38769	4.83E-07	2.52E-05	0.012704
ENSG0000 response	Inflamed	MT3	protein_cc chr16	56622986	56625000	+	1837	9.128878	0.281623	0.96952	0.180064	5.384297	4.90E-07	2.55E-05	0.01289
ENSG0000 response	Inflamed	OCSTAMP	protein_cc chr20	45169585	45179213	-	2043	2.422434	0.536993	-0.81011	0.150475	-5.38368	4.92E-07	2.55E-05	0.012925
ENSG0000 response	Inflamed	MNDA	protein_cc chr1	1.59E+08	1.59E+08	+	2059	520.1002	0	-1.59526	0.296438	-5.38144	4.96E-07	2.57E-05	0.01305
ENSG0000 response	Inflamed	MMP1	protein_cc chr11	1.03E+08	1.03E+08	-	1970	4548.446	0	-2.24888	0.417942	-5.38085	4.98E-07	2.58E-05	0.013082
ENSG0000 response	Inflamed	LST1	protein_cc chr6	31553901	31556686	+	2281	549.3031	0	-0.99473	0.184901	-5.37977	5.00E-07	2.58E-05	0.013143
ENSG0000 response	Inflamed	MT-ND4	protein_cc chrM	10760	12137	+	1378	936839	0	0.575326	0.107013	5.376203	5.08E-07	2.62E-05	0.013346
ENSG0000 response	Inflamed	RP11-317J	antisense chr8	86354080	86377144	-	1257	43.29833	0.00716	0.899973	0.167537	5.371775	5.17E-07	2.66E-05	0.013603
ENSG0000 response	Inflamed	NTNG2	protein_cc chr9	1.35E+08	1.35E+08	+	5415	101.5036	0.00716	-1.19699	0.22292	-5.36959	5.22E-07	2.68E-05	0.013731
ENSG0000 response	Inflamed	DCSTAMP	protein_cc chr8	1.05E+08	1.05E+08	+	2778	13.08592	0.224344	-1.21978	0.227258	-5.36738	5.27E-07	2.70E-05	0.013862

ENSG0000 response	Inflamed	CD180	protein_cc chr5	66478103	66492627	-	3006	506.611	0	-1.17648	0.219254	-5.36585	5.31E-07	2.71E-05	0.013953
ENSG0000 response	Inflamed	CCL4	protein_cc chr17	34430983	34433014	+	2032	449.0811	0	-1.36266	0.254124	-5.36219	5.39E-07	2.75E-05	0.014174
ENSG0000 response	Inflamed	KLK4	protein_cc chr19	51409608	51413994	-	1935	21.04535	0.164678	1.370567	0.255667	5.360753	5.42E-07	2.76E-05	0.014261
ENSG0000 response	Inflamed	IGHV1-69	IG_V_gene chr14	1.07E+08	1.07E+08	-	412	11575.36	0	-1.64663	0.307201	-5.36011	5.44E-07	2.77E-05	0.014301
ENSG0000 response	Inflamed	LMCD1	protein_cc chr3	8543393	8609805	+	2578	513.1599	0	-1.03705	0.193549	-5.35805	5.49E-07	2.78E-05	0.014427
ENSG0000 response	Inflamed	ARHGAP30	protein_cc chr1	1.61E+08	1.61E+08	-	5064	3224.618	0	-0.92437	0.172523	-5.35796	5.49E-07	2.78E-05	0.014433
ENSG0000 response	Inflamed	03-Sep	protein_cc chr22	42372276	42394225	+	5427	63.66587	0.00716	-0.95437	0.178164	-5.35671	5.52E-07	2.79E-05	0.01451
ENSG0000 response	Inflamed	HLA-DOB	protein_cc chr6	32780540	32784825	-	1858	252.2601	0	-1.20464	0.224886	-5.35667	5.52E-07	2.79E-05	0.014513
ENSG0000 response	Inflamed	PGLYRP1	protein_cc chr19	46522411	46526323	-	720	27.10024	0.131265	-1.61176	0.300945	-5.35567	5.54E-07	2.79E-05	0.014575
ENSG0000 response	Inflamed	VOPP1	protein_cc chr7	55503749	55640681	-	5361	3265.1	0	-0.32706	0.061135	-5.34975	5.69E-07	2.86E-05	0.01495
ENSG0000 response	Inflamed	ELOVL3	protein_cc chr10	1.04E+08	1.04E+08	+	1371	7.99284	0.138425	-0.99922	0.186791	-5.34941	5.69E-07	2.86E-05	0.014972
ENSG0000 response	Inflamed	SLAMF8	protein_cc chr1	1.6E+08	1.6E+08	+	2996	1442.093	0	-0.80488	0.150478	-5.34883	5.71E-07	2.86E-05	0.015009
ENSG0000 response	Inflamed	FTSJ1	protein_cc chrX	48334541	48344752	+	2740	1114.723	0	-0.36161	0.067625	-5.34726	5.75E-07	2.87E-05	0.01511
ENSG0000 response	Inflamed	UBE2E2	protein_cc chr3	23244511	23633284	+	3272	265.0477	0	-0.72886	0.13638	-5.34436	5.82E-07	2.90E-05	0.015299
ENSG0000 response	Inflamed	TM4SF19	protein_cc chr3	1.96E+08	1.96E+08	-	1896	5.472554	0.412888	-1.14276	0.213828	-5.34429	5.82E-07	2.90E-05	0.015304
ENSG0000 response	Inflamed	ITPRIPL1	protein_cc chr2	96991069	96994091	+	2495	102.3938	0	-0.82855	0.15515	-5.34029	5.92E-07	2.94E-05	0.015568
ENSG0000 response	Inflamed	HEY2	protein_cc chr6	1.26E+08	1.26E+08	+	2741	56.81146	0.004773	-0.94163	0.17633	-5.34014	5.93E-07	2.94E-05	0.015578
ENSG0000 response	Inflamed	DEF6	protein_cc chr6	35265595	35289548	+	2675	1388.272	0	-0.61895	0.115912	-5.33983	5.93E-07	2.94E-05	0.015599
ENSG0000 response	Inflamed	IGKV3-15	IG_V_gene chr2	89384673	89385283	-	442	10091.73	0	-1.70174	0.318764	-5.33858	5.97E-07	2.95E-05	0.015683
ENSG0000 response	Inflamed	BFSP2	protein_cc chr3	1.33E+08	1.33E+08	+	2070	18.94988	0.059666	-1.22232	0.228987	-5.33794	5.98E-07	2.95E-05	0.015726
ENSG0000 response	Inflamed	PADI2	protein_cc chr1	17393256	17445948	-	6002	14448.26	0	1.507338	0.282409	5.337421	5.99E-07	2.95E-05	0.01576
ENSG0000 response	Inflamed	NT5DC2	protein_cc chr3	52558386	52569070	-	4734	1943.831	0	-0.69592	0.130415	-5.33621	6.03E-07	2.96E-05	0.015842
ENSG0000 response	Inflamed	BEST4	protein_cc chr1	45249257	45253377	-	2047	1951.439	0	2.193307	0.411042	5.335962	6.03E-07	2.96E-05	0.015859
ENSG0000 response	Inflamed	LINC00877	lincRNA chr3	72084451	72291716	-	4520	51.50835	0.002387	-1.13597	0.212913	-5.33539	6.05E-07	2.96E-05	0.015898
ENSG0000 response	Inflamed	TGFB1	protein_cc chr19	41807492	41859816	-	3238	3113.365	0	-0.87661	0.164329	-5.33449	6.07E-07	2.96E-05	0.015959
ENSG0000 response	Inflamed	LDLRAD3	protein_cc chr11	35965531	36253686	+	4575	389.2625	0	-1.07787	0.202057	-5.33448	6.07E-07	2.96E-05	0.01596
ENSG0000 response	Inflamed	RGL4	protein_cc chr22	24030323	24041363	+	4715	63.72792	0	-1.11882	0.209789	-5.33307	6.11E-07	2.97E-05	0.016056
ENSG0000 response	Inflamed	CXCL6	protein_cc chr4	74702214	74714781	+	2183	1010.165	0.004773	-2.60841	0.489384	-5.32999	6.19E-07	3.01E-05	0.016269
ENSG0000 response	Inflamed	MT-ND2	protein_cc chrM	4470	5511	+	1042	402854.8	0	0.594214	0.111569	5.325973	6.30E-07	3.05E-05	0.016551
ENSG0000 response	Inflamed	C5AR1	protein_cc chr19	47793280	47825323	+	2951	991.5012	0	-1.33908	0.251597	-5.32229	6.40E-07	3.10E-05	0.016814
ENSG0000 response	Inflamed	SERPING1	protein_cc chr11	57364860	57382326	+	3603	6577.623	0	-1.00194	0.188271	-5.32178	6.41E-07	3.10E-05	0.01685
ENSG0000 response	Inflamed	OTOP2	protein_cc chr17	72920370	72930007	+	2778	1512.286	0.02148	2.727025	0.512478	5.321252	6.42E-07	3.10E-05	0.016889
ENSG0000 response	Inflamed	RP11-1008	lincRNA chr15	38276967	38354541	+	2448	6.995227	0.412888	-1.29645	0.243664	-5.32067	6.44E-07	3.10E-05	0.016931
ENSG0000 response	Inflamed	MT-ND4L	protein_cc chrM	10470	10766	+	297	141014.5	0	0.55558	0.10447	5.318094	6.51E-07	3.13E-05	0.017118
ENSG0000 response	Inflamed	FAP	protein_cc chr2	1.63E+08	1.63E+08	-	7003	181.5656	0.01432	-1.88708	0.35491	-5.31706	6.54E-07	3.14E-05	0.017193
ENSG0000 response	Inflamed	SELL	protein_cc chr1	1.7E+08	1.7E+08	-	2725	1306.914	0	-1.82822	0.344017	-5.31433	6.62E-07	3.17E-05	0.017396
ENSG0000 response	Inflamed	LINC00880	lincRNA chr3	1.57E+08	1.57E+08	-	2018	11.64439	0.042959	-0.77571	0.145996	-5.31326	6.65E-07	3.18E-05	0.017475
ENSG0000 response	Inflamed	SPIRE2	protein_cc chr16	89884587	89937727	+	7975	2301.699	0	0.846846	0.159394	5.312899	6.66E-07	3.18E-05	0.017502
ENSG0000 response	Inflamed	ANGPT2	protein_cc chr8	6357172	6420930	-	6784	134.327	0.00716	-1.35323	0.254749	-5.31199	6.68E-07	3.18E-05	0.01757
ENSG0000 response	Inflamed	CLEC4E	protein_cc chr12	8685901	8693559	-	2422	141.1981	0.026253	-1.8176	0.342326	-5.30956	6.75E-07	3.21E-05	0.017753

ENSG0000 response	Inflamed	IGKV1D-27IG_V_pseu	chr2	90007677	90008154	+	354	261.7733	0.002387	-1.53415	0.289079	-5.30703	6.83E-07	3.24E-05	0.017946	
ENSG0000 response	Inflamed	NCF1B	pseudoger	chr7	72634611	72649979	+	1950	283.7041	0	-0.95983	0.180867	-5.3068	6.83E-07	3.24E-05	0.017964
ENSG0000 response	Inflamed	U82695.1C	lincRNA	chrX	1.53E+08	1.53E+08	+	2725	57.50597	0.009547	-0.91648	0.172774	-5.30448	6.90E-07	3.26E-05	0.018142
ENSG0000 response	Inflamed	UCN2	protein_cc	chr3	48599160	48601206	-	1481	63.98807	0.140811	-2.12263	0.400317	-5.30237	6.96E-07	3.29E-05	0.018306
ENSG0000 response	Inflamed	RP11-338C	lincRNA	chr1	2.13E+08	2.13E+08	-	473	3.350835	0.27685	-0.6993	0.131951	-5.29972	7.04E-07	3.31E-05	0.018515
ENSG0000 response	Inflamed	IGSF9	protein_cc	chr1	1.6E+08	1.6E+08	-	6620	2412.463	0	1.465167	0.276463	5.299687	7.04E-07	3.31E-05	0.018517
ENSG0000 response	Inflamed	FAAH	protein_cc	chr1	46859937	46879520	+	2776	1533.542	0	0.772723	0.145864	5.297568	7.11E-07	3.34E-05	0.018685
ENSG0000 response	Inflamed	PLEKHO2	protein_cc	chr15	65134088	65160206	+	3720	2532.547	0	-0.87561	0.165311	-5.29676	7.13E-07	3.34E-05	0.018749
ENSG0000 response	Inflamed	IMPA2	protein_cc	chr18	11981024	12030876	+	3819	2241.069	0	0.528085	0.099722	5.29559	7.17E-07	3.35E-05	0.018843
ENSG0000 response	Inflamed	DEF8	protein_cc	chr16	90014333	90034468	+	6565	2065.862	0	-0.5018	0.094787	-5.29393	7.22E-07	3.37E-05	0.018977
ENSG0000 response	Inflamed	KTI12	protein_cc	chr1	52497775	52499488	-	1714	313.4582	0	-0.2992	0.056551	-5.29082	7.31E-07	3.41E-05	0.01923
ENSG0000 response	Inflamed	MAGEH1	protein_cc	chrX	55478538	55479998	+	1461	347.2172	0	-0.75221	0.142177	-5.29061	7.32E-07	3.41E-05	0.019247
ENSG0000 response	Inflamed	TMEM171	protein_cc	chr5	72416119	72427644	+	1535	1590.508	0	1.161781	0.219673	5.288694	7.38E-07	3.43E-05	0.019405
ENSG0000 response	Inflamed	SERPINI1	protein_cc	chr3	1.67E+08	1.68E+08	+	2418	103.3747	0.004773	-1.09683	0.20745	-5.28718	7.43E-07	3.44E-05	0.019531
ENSG0000 response	Inflamed	A4GALT	protein_cc	chr22	43088127	43117304	-	2943	662.8687	0	-1.0292	0.194733	-5.2852	7.49E-07	3.47E-05	0.019696
ENSG0000 response	Inflamed	LIMD2	protein_cc	chr17	61773262	61778532	-	4745	1731.406	0	-1.01475	0.192013	-5.28482	7.50E-07	3.47E-05	0.019728
ENSG0000 response	Inflamed	SLC22A23	protein_cc	chr6	3269196	3457256	-	8898	5764.945	0	0.849629	0.160814	5.28331	7.55E-07	3.48E-05	0.019855
ENSG0000 response	Inflamed	AKR1D1	protein_cc	chr7	1.38E+08	1.38E+08	+	3093	4.300716	0.329356	-0.82008	0.155224	-5.28319	7.56E-07	3.48E-05	0.019865
ENSG0000 response	Inflamed	CD72	protein_cc	chr9	35609530	35646807	-	3374	322.3031	0	-1.11902	0.211854	-5.28201	7.59E-07	3.49E-05	0.019965
ENSG0000 response	Inflamed	KLK3	protein_cc	chr19	51358171	51364020	+	4639	105.1957	0.02864	1.585276	0.300145	5.281706	7.60E-07	3.49E-05	0.019991
ENSG0000 response	Inflamed	LRRC26	protein_cc	chr9	1.4E+08	1.4E+08	-	1209	999.4439	0.00716	1.454222	0.275532	5.277865	7.73E-07	3.53E-05	0.020321
ENSG0000 response	Inflamed	MT-ATP6	protein_cc	chrM	8527	9207	+	681	553274.8	0	0.550134	0.104234	5.277863	7.73E-07	3.53E-05	0.020321
ENSG0000 response	Inflamed	CPA6	protein_cc	chr8	68334360	68658620	-	2435	44.17422	0.0358	1.434268	0.271753	5.277828	7.73E-07	3.53E-05	0.020324
ENSG0000 response	Inflamed	KAZALD1	protein_cc	chr10	1.03E+08	1.03E+08	+	3613	479.3914	0	0.629141	0.119304	5.273452	7.88E-07	3.59E-05	0.020706
ENSG0000 response	Inflamed	RP5-1057J	lincRNA	chr1	23704873	23705522	-	650	25.24105	0.026253	0.964667	0.183059	5.269717	8.00E-07	3.64E-05	0.021037
ENSG0000 response	Inflamed	DUSP14	protein_cc	chr17	35849937	35873603	+	2499	180.315	0	-0.93835	0.178071	-5.26949	8.01E-07	3.64E-05	0.021057
ENSG0000 response	Inflamed	SH3TC1	protein_cc	chr4	8183799	8243530	+	10593	1155.635	0	-0.82402	0.15642	-5.26802	8.06E-07	3.65E-05	0.02119
ENSG0000 response	Inflamed	IGLV1-47	IG_V_gene	chr22	22712087	22712608	+	407	7747.325	0	-1.69697	0.322191	-5.26697	8.10E-07	3.66E-05	0.021285
ENSG0000 response	Inflamed	AKR1B1	protein_cc	chr7	1.34E+08	1.34E+08	-	3660	1581.53	0	-0.85381	0.162144	-5.26574	8.14E-07	3.68E-05	0.021396
ENSG0000 response	Inflamed	LAIR1	protein_cc	chr19	54865362	54882165	-	5700	1409.15	0	-0.70591	0.134107	-5.2638	8.21E-07	3.70E-05	0.021573
ENSG0000 response	Inflamed	C22orf34	protein_cc	chr22	49808176	50051190	-	6755	77.7327	0.002387	-0.85397	0.162284	-5.26217	8.26E-07	3.72E-05	0.021723
ENSG0000 response	Inflamed	IL11	protein_cc	chr19	55875757	55881831	-	2671	880.7542	0.002387	-2.58571	0.491468	-5.2612	8.30E-07	3.73E-05	0.021812
ENSG0000 response	Inflamed	LY6G5C	protein_cc	chr6	31644461	31651817	-	2621	80.45585	0	-0.44615	0.084856	-5.2578	8.42E-07	3.78E-05	0.02213
ENSG0000 response	Inflamed	ADAM12	protein_cc	chr10	1.28E+08	1.28E+08	-	9860	461.148	0.00716	-1.79874	0.34217	-5.25685	8.45E-07	3.79E-05	0.02222
ENSG0000 response	Inflamed	SERPINE1	protein_cc	chr7	1.01E+08	1.01E+08	+	3190	1984.537	0.002387	-2.09872	0.399357	-5.25526	8.51E-07	3.80E-05	0.02237
ENSG0000 response	Inflamed	CD40	protein_cc	chr20	44746911	44758502	+	2368	881.8759	0	-0.8541	0.16255	-5.25435	8.54E-07	3.80E-05	0.022457
ENSG0000 response	Inflamed	KCNN3	protein_cc	chr1	1.55E+08	1.55E+08	-	13553	697.2053	0	-1.10689	0.210661	-5.25434	8.54E-07	3.80E-05	0.022458
ENSG0000 response	Inflamed	ANO7	protein_cc	chr2	2.42E+08	2.42E+08	+	5695	1426.687	0	1.239462	0.235913	5.253893	8.56E-07	3.80E-05	0.0225
ENSG0000 response	Inflamed	RP11-701F	lincRNA	chr4	1.86E+08	1.86E+08	-	986	22.83771	0.393795	-1.80926	0.344367	-5.25386	8.56E-07	3.80E-05	0.022503
ENSG0000 response	Inflamed	ISM1	protein_cc	chr20	13202418	13281298	+	2593	15.57518	0.107399	-1.44293	0.274658	-5.25355	8.57E-07	3.80E-05	0.022533

ENSG0000 response	Inflamed	RHEBL1	protein_cc chr12	49458468	49463808	-	1290	28.09547	0.002387	-0.7371	0.140325	-5.2528	8.60E-07	3.80E-05	0.022605
ENSG0000 response	Inflamed	ST3GAL2	protein_cc chr16	70413338	70473140	-	6287	1567.964	0	-0.81978	0.156072	-5.25258	8.61E-07	3.80E-05	0.022626
ENSG0000 response	Inflamed	RETN	protein_cc chr19	7733930	7735334	+	514	5.023866	0.439141	-1.13087	0.215362	-5.251	8.66E-07	3.82E-05	0.022778
ENSG0000 response	Inflamed	EGFL6	protein_cc chrX	13587724	13651694	+	2607	141.9523	0.047733	-2.21585	0.422213	-5.24818	8.77E-07	3.86E-05	0.023052
ENSG0000 response	Inflamed	DNASE2	protein_cc chr19	12986025	12992282	-	2389	1516.069	0	-0.40748	0.077684	-5.24536	8.87E-07	3.90E-05	0.02333
ENSG0000 response	Inflamed	RP3-406A7	lincRNA chr6	1.37E+08	1.37E+08	-	374	35.61575	0	0.985082	0.187835	5.244414	8.91E-07	3.91E-05	0.023424
ENSG0000 response	Inflamed	CSGALNAC	protein_cc chr8	19261672	19615540	-	6580	369.1623	0	-1.39288	0.265646	-5.24337	8.95E-07	3.92E-05	0.023528
ENSG0000 response	Inflamed	ZBP1	protein_cc chr20	56178902	56195632	-	5413	1313.508	0	-1.16826	0.222845	-5.24248	8.98E-07	3.93E-05	0.023617
ENSG0000 response	Inflamed	PLEKHG2	protein_cc chr19	39903225	39919054	+	9199	1810.99	0	-0.88152	0.168176	-5.24164	9.02E-07	3.94E-05	0.023701
ENSG0000 response	Inflamed	PLEKHO1	protein_cc chr1	1.5E+08	1.5E+08	+	6629	2024.031	0	-0.78135	0.149097	-5.24053	9.06E-07	3.95E-05	0.023813
ENSG0000 response	Inflamed	ZNF385D	protein_cc chr3	21459915	22414812	-	7420	56.36277	0.004773	-1.23039	0.234791	-5.24036	9.06E-07	3.95E-05	0.02383
ENSG0000 response	Inflamed	NUGGC	protein_cc chr8	27879481	27941388	-	3978	329.9117	0	-1.28517	0.245407	-5.23691	9.20E-07	4.00E-05	0.024181
ENSG0000 response	Inflamed	SLC2A3	protein_cc chr12	8071826	8088871	-	6159	1661.814	0	-1.40932	0.269248	-5.23429	9.30E-07	4.03E-05	0.024451
ENSG0000 response	Inflamed	PRRX2	protein_cc chr9	1.32E+08	1.32E+08	+	1233	97.34845	0.002387	-1.17896	0.225341	-5.23188	9.40E-07	4.07E-05	0.024702
ENSG0000 response	Inflamed	PHOSPHO	protein_cc chr17	47300724	47308128	-	2375	73.46062	0.02864	-1.80162	0.344425	-5.23079	9.44E-07	4.08E-05	0.024816
ENSG0000 response	Inflamed	SLAMF7	protein_cc chr1	1.61E+08	1.61E+08	+	4604	3738.169	0	-1.04783	0.200335	-5.2304	9.46E-07	4.08E-05	0.024858
ENSG0000 response	Inflamed	SERPINF1	protein_cc chr17	1665253	1680868	+	3069	2896.527	0	-0.87247	0.166851	-5.22901	9.51E-07	4.09E-05	0.025004
ENSG0000 response	Inflamed	CALCRL	protein_cc chr2	1.88E+08	1.88E+08	-	6144	352.4177	0.002387	-1.1338	0.216833	-5.2289	9.52E-07	4.09E-05	0.025016
ENSG0000 response	Inflamed	TREML3P	pseudoger chr6	41176292	41190382	-	1230	7.735084	0.443914	-1.27532	0.243907	-5.2287	9.52E-07	4.09E-05	0.025037
ENSG0000 response	Inflamed	IGLV1-44	IG_V_gene chr22	22735135	22735715	+	466	15484.54	0	-1.63258	0.312337	-5.22697	9.59E-07	4.11E-05	0.025222
ENSG0000 response	Inflamed	ATAD3C	protein_cc chr1	1385069	1405538	+	3976	65.36754	0.002387	-0.85342	0.163344	-5.22469	9.69E-07	4.15E-05	0.025465
ENSG0000 response	Inflamed	CNTFR	protein_cc chr9	34551430	34590121	-	2094	325.2816	0.023866	1.877709	0.359502	5.223081	9.75E-07	4.17E-05	0.02564
ENSG0000 response	Inflamed	ACSF2	protein_cc chr17	48503519	48552206	+	5797	1814.752	0	0.8515	0.163045	5.222494	9.78E-07	4.17E-05	0.025704
ENSG0000 response	Inflamed	MEDAG	protein_cc chr13	31480328	31499709	+	2374	188.2864	0.026253	-1.88581	0.361247	-5.22027	9.87E-07	4.21E-05	0.025947
ENSG0000 response	Inflamed	FADS3	protein_cc chr11	61640991	61659523	-	6283	601.0597	0	-0.78055	0.149538	-5.21978	9.89E-07	4.21E-05	0.026001
ENSG0000 response	Inflamed	KLK6	protein_cc chr19	51461887	51472929	-	1976	292.3007	0.331742	-2.97479	0.570022	-5.21873	9.93E-07	4.22E-05	0.026117
ENSG0000 response	Inflamed	ECEL1	protein_cc chr2	2.33E+08	2.33E+08	-	2972	15.15274	0.176611	-1.49619	0.286778	-5.21723	1.00E-06	4.24E-05	0.026283
ENSG0000 response	Inflamed	ENTPD1	protein_cc chr10	97471536	97637023	+	14587	1631.439	0	-0.93278	0.178797	-5.21694	1.00E-06	4.24E-05	0.026315
ENSG0000 response	Inflamed	DBNDD2	protein_cc chr20	44034697	44039250	+	2764	336.1575	0	0.574173	0.11009	5.215468	1.01E-06	4.25E-05	0.026479
ENSG0000 response	Inflamed	SLC9B2	protein_cc chr4	1.04E+08	1.04E+08	-	5469	207.6253	0	-1.02691	0.196899	-5.21544	1.01E-06	4.25E-05	0.026483
ENSG0000 response	Inflamed	IGHV3-30	IG_V_gene chr14	1.07E+08	1.07E+08	-	431	9577.516	0	-1.66772	0.319789	-5.21508	1.01E-06	4.25E-05	0.026523
ENSG0000 response	Inflamed	RP11-81H7	lincRNA chr12	68726668	68845443	-	2695	85.72554	0.002387	-1.03867	0.199173	-5.21494	1.01E-06	4.25E-05	0.026539
ENSG0000 response	Inflamed	FXVD5	protein_cc chr19	35645633	35660786	+	2993	2040.513	0	-0.81614	0.156579	-5.21236	1.02E-06	4.29E-05	0.02683
ENSG0000 response	Inflamed	IL13RA2	protein_cc chrX	1.14E+08	1.14E+08	-	1626	164.5179	0.019093	-2.06106	0.395482	-5.21152	1.02E-06	4.29E-05	0.026925
ENSG0000 response	Inflamed	MUCL1	protein_cc chr12	55224303	55252177	+	1250	6.451074	0.610979	-1.4918	0.286311	-5.21043	1.03E-06	4.30E-05	0.02705
ENSG0000 response	Inflamed	RP4-680D5	antisense chr1	15892106	15892451	-	346	8.486874	0.090692	0.747984	0.143558	5.210343	1.03E-06	4.30E-05	0.02706
ENSG0000 response	Inflamed	GNB3	protein_cc chr12	6949118	6956557	+	3437	108.5346	0	-0.85857	0.164811	-5.20942	1.03E-06	4.30E-05	0.027165
ENSG0000 response	Inflamed	GAS1	protein_cc chr9	89559279	89562104	-	2826	472.2124	0.011933	-2.27765	0.437232	-5.20925	1.03E-06	4.30E-05	0.027184
ENSG0000 response	Inflamed	LEPRE1	protein_cc chr1	43212006	43232755	-	6766	1098.365	0	-0.7152	0.137298	-5.2091	1.03E-06	4.30E-05	0.027203
ENSG0000 response	Inflamed	RP11-3877	lincRNA chr17	38168479	38170958	-	982	2.174224	0.591885	-0.78283	0.150286	-5.20894	1.04E-06	4.30E-05	0.027221

ENSG0000 response	Inflamed	KCNAB2	protein_cc chr1	6051526	6161253	+	9253	1534.241	0	-0.76492	0.146907	-5.20681	1.04E-06	4.33E-05	0.027467
ENSG0000 response	Inflamed	ZNF467	protein_cc chr7	1.49E+08	1.49E+08	-	2734	437.8329	0	-0.91941	0.17674	-5.20205	1.07E-06	4.41E-05	0.028025
ENSG0000 response	Inflamed	AC007362	pseudoger chr2	2.07E+08	2.07E+08	+	1886	122.7232	0.004773	-1.04605	0.201146	-5.20044	1.07E-06	4.44E-05	0.028216
ENSG0000 response	Inflamed	C1orf226	protein_cc chr1	1.62E+08	1.62E+08	+	4487	1371.635	0	0.783174	0.150639	5.199006	1.08E-06	4.46E-05	0.028387
ENSG0000 response	Inflamed	PLAU	protein_cc chr10	75668935	75677255	+	2950	4807.981	0	-1.29809	0.249772	-5.19711	1.09E-06	4.48E-05	0.028615
ENSG0000 response	Inflamed	ULBP2	protein_cc chr6	1.5E+08	1.5E+08	+	1349	10.57518	0.116945	-1.10776	0.213161	-5.19683	1.09E-06	4.48E-05	0.02865
ENSG0000 response	Inflamed	PIK3CD	protein_cc chr1	9711790	9789172	+	6593	1925.179	0	-0.99945	0.192333	-5.19647	1.09E-06	4.48E-05	0.028693
ENSG0000 response	Inflamed	MT-TV	Mt_tRNA chrM	1602	1670	+	69	246	0.002387	1.357942	0.261374	5.195405	1.10E-06	4.50E-05	0.028822
ENSG0000 response	Inflamed	HES2	protein_cc chr1	6472478	6484730	-	5407	1066.761	0	1.047331	0.20165	5.193812	1.10E-06	4.52E-05	0.029017
ENSG0000 response	Inflamed	CD83	protein_cc chr6	14117872	14137149	+	2471	612.5322	0	-1.03252	0.198904	-5.19103	1.12E-06	4.56E-05	0.029359
ENSG0000 response	Inflamed	CA7	protein_cc chr16	66878282	66888056	+	1862	2271.05	0.00716	2.410827	0.464423	5.191018	1.12E-06	4.56E-05	0.029361
ENSG0000 response	Inflamed	A1BG-AS1	antisense chr19	58859117	58866549	+	2793	162.5585	0	-0.65229	0.125682	-5.18999	1.12E-06	4.57E-05	0.029489
ENSG0000 response	Inflamed	RP11-598F	antisense chr12	273830	275487	-	1101	17.56325	0.200477	-1.39621	0.269031	-5.18979	1.12E-06	4.57E-05	0.029514
ENSG0000 response	Inflamed	C1orf216	protein_cc chr1	36179476	36185073	-	3629	411.2768	0.002387	-0.7229	0.139301	-5.18945	1.12E-06	4.57E-05	0.029556
ENSG0000 response	Inflamed	RP11-4712	lincRNA chr14	62023031	62037371	-	5148	22.73747	0.112172	-1.35078	0.260337	-5.18858	1.13E-06	4.57E-05	0.029664
ENSG0000 response	Inflamed	ITGAM	protein_cc chr16	31271311	31344213	+	5665	1034.296	0	-1.0921	0.210501	-5.1881	1.13E-06	4.57E-05	0.029724
ENSG0000 response	Inflamed	CD93	protein_cc chr20	23059986	23066977	-	6708	4800.926	0	-1.04245	0.200936	-5.18795	1.13E-06	4.57E-05	0.029743
ENSG0000 response	Inflamed	AC017002	lincRNA chr2	1.12E+08	1.12E+08	+	757	9.98568	0.088305	-0.97198	0.187353	-5.18792	1.13E-06	4.57E-05	0.029747
ENSG0000 response	Inflamed	GNA15	protein_cc chr19	3136191	3163767	+	2613	803.0692	0	-0.90828	0.175089	-5.18754	1.13E-06	4.57E-05	0.029795
ENSG0000 response	Inflamed	MAK	protein_cc chr6	10762956	10838764	-	4378	7.840095	0.348449	-1.30147	0.250989	-5.18538	1.14E-06	4.60E-05	0.030067
ENSG0000 response	Inflamed	IGKV4-1	IG_V_gene chr2	89184913	89185669	+	538	24495.63	0	-1.55827	0.30061	-5.18369	1.15E-06	4.62E-05	0.030283
ENSG0000 response	Inflamed	NCF1C	pseudoger chr7	74572445	74587848	-	1892	271.4606	0	-0.99491	0.191932	-5.18365	1.15E-06	4.62E-05	0.030288
ENSG0000 response	Inflamed	ARID3A	protein_cc chr19	925781	975939	+	7504	1040.315	0	-0.77871	0.150252	-5.18268	1.16E-06	4.64E-05	0.030412
ENSG0000 response	Inflamed	G6PD	protein_cc chrX	1.54E+08	1.54E+08	-	3709	1935.864	0	-0.48316	0.09328	-5.17972	1.17E-06	4.69E-05	0.030794
ENSG0000 response	Inflamed	TMEM72	protein_cc chr10	45406648	45432450	+	3157	479.7208	0.02864	2.176313	0.42024	5.178734	1.18E-06	4.70E-05	0.030922
ENSG0000 response	Inflamed	RP1-191J1	antisense chr6	1.08E+08	1.08E+08	+	2574	15.63246	0.02864	-0.75477	0.145764	-5.17801	1.18E-06	4.70E-05	0.031017
ENSG0000 response	Inflamed	NFE4	antisense chr7	1.03E+08	1.03E+08	+	1072	7.823389	0.374702	-1.28276	0.247743	-5.1778	1.18E-06	4.70E-05	0.031044
ENSG0000 response	Inflamed	ARHGAP25	protein_cc chr2	68906733	69053965	+	5509	1038.382	0	-0.908	0.175376	-5.17743	1.18E-06	4.70E-05	0.031092
ENSG0000 response	Inflamed	ISL2	protein_cc chr15	76629065	76634817	+	2221	73.78043	0.002387	-0.92714	0.179164	-5.17482	1.20E-06	4.75E-05	0.031436
ENSG0000 response	Inflamed	MYBPH	protein_cc chr1	2.03E+08	2.03E+08	-	1805	13.54893	0.217184	-1.31209	0.253585	-5.17418	1.20E-06	4.75E-05	0.031521
ENSG0000 response	Inflamed	EVI2A	protein_cc chr17	29644578	29648902	-	2071	216.2482	0	-0.84874	0.164047	-5.17374	1.20E-06	4.76E-05	0.031579
ENSG0000 response	Inflamed	IGLV1-40	IG_V_gene chr22	22764098	22764614	+	407	19093.81	0	-1.56942	0.303493	-5.1712	1.21E-06	4.80E-05	0.03192
ENSG0000 response	Inflamed	DERL3	protein_cc chr22	24176690	24181315	-	3796	5759.993	0	-1.25534	0.243042	-5.16512	1.25E-06	4.92E-05	0.032746
ENSG0000 response	Inflamed	GGT5	protein_cc chr22	24615622	24641110	-	2590	1512.523	0	-1.01512	0.196555	-5.16455	1.25E-06	4.92E-05	0.032825
ENSG0000 response	Inflamed	CTD-2547	antisense chr11	76666461	76689663	-	568	45.72792	0.011933	1.042582	0.201961	5.162292	1.26E-06	4.96E-05	0.033139
ENSG0000 response	Inflamed	SLC39A5	protein_cc chr12	56623833	56631630	+	2903	4023.012	0	1.366483	0.264729	5.161817	1.26E-06	4.96E-05	0.033205
ENSG0000 response	Inflamed	NLRP7	protein_cc chr19	55434877	55477680	-	3914	52.89976	0.004773	-1.2715	0.246416	-5.15998	1.27E-06	4.99E-05	0.033462
ENSG0000 response	Inflamed	CBX2	protein_cc chr17	77751931	77761782	+	5687	156.8401	0	-0.94424	0.182999	-5.15981	1.27E-06	4.99E-05	0.033487
ENSG0000 response	Inflamed	SLC16A10	protein_cc chr6	1.11E+08	1.12E+08	+	11159	164.7351	0.002387	-1.19039	0.230717	-5.15952	1.28E-06	4.99E-05	0.033528
ENSG0000 response	Inflamed	IGKV2D-28	IG_V_gene chr2	89998789	89999564	+	402	450.6014	0.002387	-1.48056	0.286995	-5.15881	1.28E-06	5.00E-05	0.033628

ENSG0000 response	Inflamed	TCEA3	protein_cc chr1	23707554	23751233	-	3515	3325.205	0	0.954489	0.185045	5.158152	1.28E-06	5.00E-05	0.033721
ENSG0000 response	Inflamed	KIFC3	protein_cc chr16	57792129	57896957	-	7552	987.568	0	-0.9865	0.19127	-5.15765	1.29E-06	5.01E-05	0.033793
ENSG0000 response	Inflamed	CTSK	protein_cc chr1	1.51E+08	1.51E+08	-	1887	2342.391	0	-1.02738	0.199353	-5.15358	1.31E-06	5.09E-05	0.034376
ENSG0000 response	Inflamed	PRCP	protein_cc chr11	82534544	82681626	-	6482	2453.675	0	-0.69871	0.135599	-5.15276	1.31E-06	5.10E-05	0.034495
ENSG0000 response	Inflamed	CES2	protein_cc chr16	66968347	66978999	+	5343	21055.9	0	0.92255	0.179131	5.150146	1.33E-06	5.14E-05	0.034875
ENSG0000 response	Inflamed	TEX14	protein_cc chr17	56634039	56769416	-	5325	12.05489	0.112172	-1.06401	0.2071	-5.13767	1.40E-06	5.41E-05	0.036752
ENSG0000 response	Inflamed	LINC00526	lincRNA chr18	5236723	5238597	-	1875	183.3986	0	0.602685	0.117471	5.130516	1.44E-06	5.57E-05	0.037872
ENSG0000 response	Inflamed	CLPTM1L	protein_cc chr5	1317859	1345214	-	6557	6656.172	0	-0.38105	0.074316	-5.12739	1.46E-06	5.63E-05	0.038372
ENSG0000 response	Inflamed	GPR176	protein_cc chr15	40091233	40213093	-	5119	577.0119	0	-1.30856	0.255269	-5.12622	1.47E-06	5.65E-05	0.038561
ENSG0000 response	Inflamed	RP5-1091T	antisense chrX	70403409	70418025	-	726	25.12411	0.011933	-0.77923	0.152022	-5.12573	1.47E-06	5.66E-05	0.03864
ENSG0000 response	Inflamed	AC009133	lincRNA chr16	29793246	29794294	+	1049	1568.621	0.011933	2.377665	0.464078	5.123414	1.48E-06	5.70E-05	0.039016
ENSG0000 response	Inflamed	PRR16	protein_cc chr5	1.2E+08	1.2E+08	+	2281	268.568	0	-0.99353	0.193955	-5.1225	1.49E-06	5.71E-05	0.039166
ENSG0000 response	Inflamed	IGLC6	IG_C_pseu chr22	23261707	23262023	+	317	240.6635	0.004773	-1.29725	0.253256	-5.12229	1.49E-06	5.71E-05	0.0392
ENSG0000 response	Inflamed	LA16c-380	lincRNA chr16	3056121	3057386	+	1266	173.2721	0	0.763821	0.14912	5.122204	1.49E-06	5.71E-05	0.039215
ENSG0000 response	Inflamed	GALNT18	protein_cc chr11	11292423	11643552	-	3627	374.8926	0	-0.73763	0.144024	-5.12156	1.50E-06	5.72E-05	0.039322
ENSG0000 response	Inflamed	ELOVL5	protein_cc chr6	53132196	53213947	-	4223	1310.482	0	-0.90096	0.175931	-5.12111	1.50E-06	5.72E-05	0.039394
ENSG0000 response	Inflamed	TRIM55	protein_cc chr8	67039131	67087720	+	3079	9.477327	0.133652	-1.18297	0.231068	-5.11959	1.51E-06	5.75E-05	0.039647
ENSG0000 response	Inflamed	IGKV2-28	IG_V_gene chr2	89521179	89521942	-	390	844.1313	0.002387	-1.55762	0.304341	-5.11801	1.52E-06	5.76E-05	0.03991
ENSG0000 response	Inflamed	GZMB	protein_cc chr14	25100160	25103473	-	1408	226.1504	0	-1.32158	0.258223	-5.118	1.52E-06	5.76E-05	0.039911
ENSG0000 response	Inflamed	IGLV2-5	IG_V_pseu chr22	23198937	23199213	+	277	66.26253	0.009547	-1.31785	0.257496	-5.11795	1.52E-06	5.76E-05	0.039919
ENSG0000 response	Inflamed	ABCC8	protein_cc chr11	17414432	17498449	-	6835	59.01193	0.02148	1.163563	0.227391	5.117016	1.52E-06	5.77E-05	0.040077
ENSG0000 response	Inflamed	NTRK1	protein_cc chr1	1.57E+08	1.57E+08	+	4356	42.69212	0.01432	-0.92342	0.180517	-5.1154	1.53E-06	5.80E-05	0.040348
ENSG0000 response	Inflamed	CFB	protein_cc chr6	31895475	31919861	+	6622	1577.456	0	-1.08474	0.212066	-5.11512	1.54E-06	5.80E-05	0.040395
ENSG0000 response	Inflamed	PRKG2	protein_cc chr4	82009837	82136218	-	3751	94.65394	0.031026	1.269777	0.248296	5.113959	1.54E-06	5.82E-05	0.040593
ENSG0000 response	Inflamed	CD86	protein_cc chr3	1.22E+08	1.22E+08	+	3430	438.6563	0	-0.82708	0.16174	-5.11362	1.55E-06	5.82E-05	0.04065
ENSG0000 response	Inflamed	IGHV3-49	IG_V_gene chr14	1.07E+08	1.07E+08	-	437	4533.079	0	-1.53747	0.300688	-5.11316	1.55E-06	5.83E-05	0.04073
ENSG0000 response	Inflamed	SLCO3A1	protein_cc chr15	92396925	92715665	+	9435	1024.683	0	-0.72535	0.141882	-5.11233	1.55E-06	5.84E-05	0.04087
ENSG0000 response	Inflamed	SLC22A5	protein_cc chr5	1.32E+08	1.32E+08	+	12788	2252.761	0	0.868207	0.169834	5.112079	1.56E-06	5.84E-05	0.040914
ENSG0000 response	Inflamed	SIX4	protein_cc chr14	61176246	61191066	-	6658	29.58473	0.047733	-1.34058	0.262539	-5.1062	1.59E-06	5.97E-05	0.041932
ENSG0000 response	Inflamed	FOXP3	protein_cc chrX	49106897	49121288	-	2578	275.9093	0.002387	-1.16202	0.227625	-5.10498	1.60E-06	6.00E-05	0.042148
ENSG0000 response	Inflamed	SP140	protein_cc chr2	2.31E+08	2.31E+08	+	5829	447.0788	0	-1.09396	0.214369	-5.10317	1.62E-06	6.03E-05	0.042469
ENSG0000 response	Inflamed	SBSN	protein_cc chr19	36014269	36019253	-	1986	53.75418	0.396181	-2.26478	0.443918	-5.10179	1.62E-06	6.05E-05	0.042714
ENSG0000 response	Inflamed	IGLC3	IG_C_gene chr22	23248512	23248973	+	462	44799.05	0	-1.41841	0.278032	-5.10161	1.63E-06	6.05E-05	0.042746
ENSG0000 response	Inflamed	GUCY1A2	protein_cc chr11	1.07E+08	1.07E+08	-	16361	58.40811	0.026253	-1.1745	0.230294	-5.09998	1.64E-06	6.08E-05	0.043037
ENSG0000 response	Inflamed	MAP1LC3C	protein_cc chr1	2.42E+08	2.42E+08	-	1182	4.73031	0.245823	-0.76316	0.149643	-5.09989	1.64E-06	6.08E-05	0.043054
ENSG0000 response	Inflamed	RP11-586I	lincRNA chr4	6202460	6240044	+	2547	7.546539	0.236277	-1.04259	0.204472	-5.09894	1.64E-06	6.10E-05	0.043225
ENSG0000 response	Inflamed	UCP2	protein_cc chr11	73685712	73694352	-	3237	3640.284	0	-0.70644	0.13859	-5.09734	1.66E-06	6.13E-05	0.043517
ENSG0000 response	Inflamed	IGHG2	IG_C_gene chr14	1.06E+08	1.06E+08	-	1132	123207.2	0	-2.11756	0.41546	-5.0969	1.66E-06	6.13E-05	0.043595
ENSG0000 response	Inflamed	CXCL5	protein_cc chr4	74861359	74864496	-	2538	1725.842	0.081146	-3.6268	0.71158	-5.09682	1.66E-06	6.13E-05	0.043611
ENSG0000 response	Inflamed	LAG3	protein_cc chr12	6881678	6887621	+	3056	565.4916	0	-0.94152	0.18479	-5.09509	1.67E-06	6.16E-05	0.043928

ENSG0000 response	Inflamed	ITPKB-IT1	sense_intr	chr1	2.27E+08	2.27E+08	-	870	2.136038	0.584726	-0.73833	0.144922	-5.09469	1.67E-06	6.16E-05	0.044
ENSG0000 response	Inflamed	TNFRSF9	protein_cc	chr1	7979907	8000926	-	2284	100.7804	0.009547	-1.19741	0.235043	-5.09444	1.68E-06	6.16E-05	0.044047
ENSG0000 response	Inflamed	SPDEF	protein_cc	chr6	34505579	34524110	-	1914	2374.78	0	1.072839	0.21066	5.092759	1.69E-06	6.20E-05	0.044357
ENSG0000 response	Inflamed	RAMP3	protein_cc	chr7	45197390	45225901	+	1427	755.6158	0	-1.07754	0.211664	-5.09081	1.70E-06	6.24E-05	0.04472
ENSG0000 response	Inflamed	NFATC1	protein_cc	chr18	77155856	77289325	+	7008	659.4296	0	-0.9945	0.195413	-5.08925	1.71E-06	6.27E-05	0.045012
ENSG0000 response	Inflamed	ICAM2	protein_cc	chr17	62079954	62097994	-	3243	813.8115	0	-0.89409	0.175796	-5.08594	1.74E-06	6.35E-05	0.045638
ENSG0000 response	Inflamed	RP11-794C	lincRNA	chr11	61306988	61309731	-	1831	40.53938	0.0358	1.197545	0.235525	5.084585	1.75E-06	6.37E-05	0.045898
ENSG0000 response	Inflamed	IL1B	protein_cc	chr2	1.14E+08	1.14E+08	-	3096	3775.084	0	-1.91706	0.377286	-5.08118	1.77E-06	6.45E-05	0.046556
ENSG0000 response	Inflamed	MSC	protein_cc	chr8	72753784	72756703	-	2113	491.969	0	-1.07036	0.210658	-5.08101	1.77E-06	6.45E-05	0.046587
ENSG0000 response	Inflamed	MAD2L2	protein_cc	chr1	11734537	11751707	-	3324	449.9475	0	-0.68682	0.135194	-5.08023	1.78E-06	6.46E-05	0.046739
ENSG0000 response	Inflamed	FAM212A	protein_cc	chr3	49840687	49842463	+	1040	44.84964	0	-0.86565	0.170407	-5.07989	1.78E-06	6.46E-05	0.046806
ENSG0000 response	Inflamed	COL7A1	protein_cc	chr3	48601506	48632700	-	11071	3527.107	0	-1.77932	0.350332	-5.07895	1.79E-06	6.48E-05	0.04699
ENSG0000 response	Inflamed	DOK2	protein_cc	chr8	21766384	21771371	-	2211	823.8043	0	-0.69306	0.136462	-5.07878	1.79E-06	6.48E-05	0.047023
ENSG0000 response	Inflamed	RP11-164F	antisense	chr4	1.53E+08	1.53E+08	+	304	26.52029	0.02864	0.892369	0.175735	5.077922	1.80E-06	6.49E-05	0.047192
ENSG0000 response	Inflamed	IGHV6-1	IG_V_gene	chr14	1.06E+08	1.06E+08	-	415	3655.678	0	-1.62342	0.31973	-5.07748	1.80E-06	6.49E-05	0.04728
ENSG0000 response	Inflamed	SLC24A4	protein_cc	chr14	92788925	92962596	+	9181	55.95943	0.011933	-0.96948	0.190953	-5.07709	1.80E-06	6.50E-05	0.047356
ENSG0000 response	Inflamed	DOC2B	protein_cc	chr17	5810	31427	-	1480	228.7924	0.004773	-1.27435	0.251021	-5.07667	1.80E-06	6.50E-05	0.047438
ENSG0000 response	Inflamed	PRDX4	protein_cc	chrX	23682379	23704516	+	1904	2190.401	0	-0.67519	0.133111	-5.07236	1.84E-06	6.61E-05	0.048299
ENSG0000 response	Inflamed	GJA5	protein_cc	chr1	1.47E+08	1.47E+08	-	3256	258.8711	0.009547	-1.35408	0.267029	-5.07092	1.85E-06	6.64E-05	0.04859
ENSG0000 response	Inflamed	PARVB	protein_cc	chr22	44395091	44568829	+	7330	821.1002	0	-0.76357	0.150589	-5.07057	1.85E-06	6.64E-05	0.04866
ENSG0000 response	Inflamed	EVI2B	protein_cc	chr17	29630784	29641130	-	2072	1046.835	0	-1.01916	0.201067	-5.06875	1.87E-06	6.68E-05	0.049032
ENSG0000 response	Inflamed	FCGR1B	protein_cc	chr1	1.21E+08	1.21E+08	-	1392	32.4105	0.057279	-1.35077	0.266534	-5.06789	1.87E-06	6.69E-05	0.049208
ENSG0000 response	Inflamed	FAM49A	protein_cc	chr2	16730727	16847599	-	5448	581.0955	0	-0.97215	0.191832	-5.06773	1.87E-06	6.69E-05	0.049241
ENSG0000 response	Inflamed	KRT23	protein_cc	chr17	39078948	39093886	-	2902	44.39379	0.023866	-1.6296	0.321903	-5.06239	1.92E-06	6.83E-05	0.050348
ENSG0000 response	Inflamed	LINC0057C	lincRNA	chr2	11534107	11543203	+	1650	14.87351	0.062053	0.964881	0.190607	5.062138	1.92E-06	6.83E-05	0.050401
ENSG0000 response	Inflamed	LCP1	protein_cc	chr13	46700055	46786006	-	5216	7455.661	0	-1.02902	0.203288	-5.06187	1.92E-06	6.83E-05	0.050457
ENSG0000 response	Inflamed	SLC4A11	protein_cc	chr20	3208063	3219836	-	4081	176.3604	0.004773	-1.09779	0.216919	-5.06084	1.93E-06	6.85E-05	0.050674
ENSG0000 response	Inflamed	RAB15	protein_cc	chr14	65412532	65439494	-	4379	2460.1	0	0.627822	0.124075	5.06001	1.93E-06	6.86E-05	0.05085
ENSG0000 response	Inflamed	ADAM19	protein_cc	chr5	1.57E+08	1.57E+08	-	7710	3459.294	0	-0.84592	0.167219	-5.05877	1.94E-06	6.89E-05	0.051114
ENSG0000 response	Inflamed	GCKR	protein_cc	chr2	27719709	27746554	+	3149	15.31981	0.112172	-1.08419	0.214379	-5.05737	1.96E-06	6.92E-05	0.051413
ENSG0000 response	Inflamed	TXNDC5	protein_cc	chr6	7881483	8026646	-	4701	977.0811	0	-0.84642	0.167456	-5.05456	1.98E-06	6.99E-05	0.052017
ENSG0000 response	Inflamed	C2orf54	protein_cc	chr2	2.42E+08	2.42E+08	-	2772	209.0239	0.009547	1.321612	0.261542	5.053159	1.99E-06	7.02E-05	0.052321
ENSG0000 response	Inflamed	RHBDF2	protein_cc	chr17	74466973	74497872	-	6927	1843.814	0	-0.79034	0.156425	-5.05255	2.00E-06	7.03E-05	0.052453
ENSG0000 response	Inflamed	IGLV3-21	IG_V_gene	chr22	23054174	23055688	+	602	10603.73	0	-1.60542	0.317765	-5.05223	2.00E-06	7.03E-05	0.052523
ENSG0000 response	Inflamed	RP11-497F	pseudoger	chr5	69758071	69775042	+	1104	9.331742	0.054893	-0.79618	0.157621	-5.05123	2.01E-06	7.04E-05	0.052742
ENSG0000 response	Inflamed	GNG8	protein_cc	chr19	47137333	47137942	-	216	5.553699	0.24105	-0.82818	0.163957	-5.05118	2.01E-06	7.04E-05	0.052754
ENSG0000 response	Inflamed	PREX1	protein_cc	chr20	47240790	47444420	-	7044	4081.931	0	-0.87279	0.173056	-5.04343	2.07E-06	7.26E-05	0.054482
ENSG0000 response	Inflamed	SEMA7A	protein_cc	chr15	74701630	74726808	-	4309	825.821	0	-1.0581	0.209803	-5.04332	2.07E-06	7.26E-05	0.054508
ENSG0000 response	Inflamed	ESM1	protein_cc	chr5	54273692	54318499	-	2695	13.17184	0.190931	-1.29187	0.256225	-5.04195	2.09E-06	7.29E-05	0.054818
ENSG0000 response	Inflamed	IFI30	protein_cc	chr19	18283972	18288927	+	2481	819.1885	0	-0.84311	0.167233	-5.04154	2.09E-06	7.29E-05	0.054911

ENSG0000 response	Inflamed	AP001324	pseudoger chr11	74409389	74409869	-	480	4.083532	0.546539	-1.12706	0.22356	-5.04143	2.09E-06	7.29E-05	0.054936
ENSG0000 response	Inflamed	B3GNT8	protein_cc chr19	41931264	41934635	-	1874	1291.685	0	0.757296	0.150246	5.040362	2.10E-06	7.31E-05	0.055181
ENSG0000 response	Inflamed	KLK7	protein_cc chr19	51479729	51487355	-	2443	218.1742	0.470167	-3.04288	0.603729	-5.04015	2.10E-06	7.31E-05	0.055231
ENSG0000 response	Inflamed	IGKC	IG_C_gene chr2	89156674	89157196	-	523	644.8998	0	-1.54847	0.307296	-5.03901	2.11E-06	7.33E-05	0.055492
ENSG0000 response	Inflamed	VAMP5	protein_cc chr2	85811531	85820535	+	819	458.8258	0	-0.71474	0.141892	-5.03719	2.13E-06	7.38E-05	0.055914
ENSG0000 response	Inflamed	MCF2L-AS	antisense chr13	1.14E+08	1.14E+08	-	712	58.92363	0.002387	0.773823	0.153648	5.036322	2.13E-06	7.39E-05	0.056115
ENSG0000 response	Inflamed	SIPA1	protein_cc chr11	65405568	65418401	+	4668	2610.809	0	-0.72192	0.143349	-5.03606	2.14E-06	7.39E-05	0.056176
ENSG0000 response	Inflamed	QPCT	protein_cc chr2	37571717	37600465	+	2599	348.2434	0	-0.75454	0.149845	-5.03544	2.14E-06	7.40E-05	0.056321
ENSG0000 response	Inflamed	CADM1	protein_cc chr11	1.15E+08	1.15E+08	-	11015	635.2554	0	-1.12963	0.224367	-5.03475	2.15E-06	7.41E-05	0.056482
ENSG0000 response	Inflamed	SLAMF1	protein_cc chr1	1.61E+08	1.61E+08	-	4219	446	0	-1.03195	0.204994	-5.03406	2.15E-06	7.42E-05	0.056644
ENSG0000 response	Inflamed	TBX10	protein_cc chr11	67398774	67407031	-	1548	476.673	0.002387	1.557616	0.309493	5.032793	2.17E-06	7.45E-05	0.056944
ENSG0000 response	Inflamed	NINJ1	protein_cc chr9	95883771	95896570	-	2648	1883.208	0	-0.70026	0.139143	-5.03264	2.17E-06	7.45E-05	0.05698
ENSG0000 response	Inflamed	SIRPB2	protein_cc chr20	1451386	1472233	-	5199	250.2411	0.002387	-1.00883	0.200506	-5.03139	2.18E-06	7.48E-05	0.057277
ENSG0000 response	Inflamed	RP11-486A	pseudoger chr12	93708585	93709717	+	1133	44.18616	0.01432	0.975774	0.193971	5.030524	2.19E-06	7.49E-05	0.057483
ENSG0000 response	Inflamed	MOB3A	protein_cc chr19	2071037	2096672	-	4149	3882.749	0	-0.53488	0.106327	-5.03051	2.19E-06	7.49E-05	0.057487
ENSG0000 response	Inflamed	OLFM1	protein_cc chr9	1.38E+08	1.38E+08	+	6123	1070.568	0	-1.14276	0.227193	-5.02991	2.19E-06	7.49E-05	0.057629
ENSG0000 response	Inflamed	IGKV1-9	IG_V_gene chr2	89309479	89310012	-	409	10470.12	0	-1.54095	0.306622	-5.02559	2.23E-06	7.62E-05	0.058673
ENSG0000 response	Inflamed	ANKRD16	protein_cc chr10	5903580	5931869	-	3059	260.42	0	-0.42558	0.08469	-5.02513	2.24E-06	7.62E-05	0.058785
ENSG0000 response	Inflamed	HERPUD1	protein_cc chr16	56965960	56977798	+	4178	11964.32	0	-0.5194	0.103399	-5.02327	2.25E-06	7.67E-05	0.05924
ENSG0000 response	Inflamed	AC096579	processed_chr2	89109984	89161075	-	1653	54.45107	0.009547	-1.12887	0.224756	-5.02266	2.26E-06	7.67E-05	0.059391
ENSG0000 response	Inflamed	METTL7B	protein_cc chr12	56075330	56078395	+	1506	1088.148	0	0.874809	0.174174	5.022628	2.26E-06	7.67E-05	0.059398
ENSG0000 response	Inflamed	PRR26	protein_cc chr10	695888	711109	+	4833	288.8305	0	0.81635	0.162542	5.022382	2.26E-06	7.67E-05	0.059458
ENSG0000 response	Inflamed	CHAD	protein_cc chr17	48541857	48546327	-	1802	238.6468	0.00716	1.676402	0.333885	5.020901	2.28E-06	7.71E-05	0.059825
ENSG0000 response	Inflamed	ST8SIA4	protein_cc chr5	1E+08	1E+08	-	7794	507.1098	0	-0.97934	0.195147	-5.01845	2.30E-06	7.78E-05	0.060436
ENSG0000 response	Inflamed	BEAN1	protein_cc chr16	66461200	66527432	+	7165	36.90692	0.105012	-1.58513	0.315912	-5.01762	2.31E-06	7.79E-05	0.060644
ENSG0000 response	Inflamed	CTD-2369F	lincRNA chr19	10332111	10333870	-	1760	287.0621	0	-0.72674	0.14486	-5.01682	2.31E-06	7.81E-05	0.060845
ENSG0000 response	Inflamed	SLC20A2	protein_cc chr8	42273993	42397069	-	6641	3112.487	0	0.618292	0.123282	5.015242	2.33E-06	7.83E-05	0.061245
ENSG0000 response	Inflamed	CA10	protein_cc chr17	49707674	50237377	-	4450	7.403341	0.24105	0.848199	0.169127	5.015151	2.33E-06	7.83E-05	0.061268
ENSG0000 response	Inflamed	ACADS	protein_cc chr12	1.21E+08	1.21E+08	+	2648	5616.556	0	0.700702	0.139721	5.015002	2.33E-06	7.83E-05	0.061306
ENSG0000 response	Inflamed	VWF	protein_cc chr12	6058040	6233936	-	9925	9569.983	0	-1.30395	0.260018	-5.01484	2.33E-06	7.83E-05	0.061348
ENSG0000 response	Inflamed	MMP12	processed_chr11	1.03E+08	1.03E+08	-	1879	3511.969	0	-1.41109	0.281394	-5.01463	2.34E-06	7.83E-05	0.061401
ENSG0000 response	Inflamed	PCOLCE	protein_cc chr7	1E+08	1E+08	+	3532	2850.444	0	-1.04005	0.207412	-5.0144	2.34E-06	7.83E-05	0.06146
ENSG0000 response	Inflamed	CTD-2306F	lincRNA chr5	66475441	66476415	-	975	31.23389	0.01432	-0.95305	0.190096	-5.0135	2.35E-06	7.85E-05	0.061688
ENSG0000 response	Inflamed	MT-CO2	protein_cc chrM	7586	8269	+	684	850853.2	0	0.598708	0.119453	5.012072	2.36E-06	7.88E-05	0.062055
ENSG0000 response	Inflamed	IGFBP4	protein_cc chr17	38599702	38613983	+	2211	14504.21	0	-0.75435	0.150549	-5.01068	2.37E-06	7.92E-05	0.062414
ENSG0000 response	Inflamed	RP11-386C	antisense chr12	49392150	49412988	+	2208	13.01432	0.02864	-0.80639	0.160957	-5.00999	2.38E-06	7.93E-05	0.062593
ENSG0000 response	Inflamed	SLC15A3	protein_cc chr11	60704556	60720002	-	6118	1743.453	0	-0.69604	0.138965	-5.00869	2.39E-06	7.97E-05	0.06293
ENSG0000 response	Inflamed	RP11-598F	lincRNA chr12	276022	291565	-	1184	16.65871	0.205251	-1.40109	0.279816	-5.00719	2.41E-06	8.00E-05	0.063323
ENSG0000 response	Inflamed	FCGR3A	protein_cc chr1	1.62E+08	1.62E+08	-	2977	995.9308	0	-1.2359	0.246835	-5.00698	2.41E-06	8.00E-05	0.063378
ENSG0000 response	Inflamed	CMTM7	protein_cc chr3	32433163	32524559	+	3751	644.2673	0	-0.69202	0.13824	-5.00597	2.42E-06	8.03E-05	0.063644

ENSG0000 response	Inflamed	RP11-125E antisense	chr9	2422702	2641395	-	4399	13.04535	0.221957	1.171966	0.234141	5.005383	2.43E-06	8.04E-05	0.063798
ENSG0000 response	Inflamed	RP11-395F antisense	chr9	1.31E+08	1.31E+08	-	745	350.1862	0	0.843878	0.168634	5.004211	2.44E-06	8.06E-05	0.064109
ENSG0000 response	Inflamed	ARHGAP44	protein_cc chr17	12692856	12894960	+	9281	2439.105	0	0.874766	0.174864	5.002554	2.46E-06	8.11E-05	0.06455
ENSG0000 response	Inflamed	PCED1B	protein_cc chr12	47473386	47630443	+	2616	428.3938	0	-0.89869	0.179676	-5.00174	2.46E-06	8.12E-05	0.064767
ENSG0000 response	Inflamed	PWWP2B	protein_cc chr10	1.34E+08	1.34E+08	+	2651	1759.687	0	0.484187	0.096813	5.001276	2.47E-06	8.12E-05	0.064892
ENSG0000 response	Inflamed	COL18A1	protein_cc chr21	46825052	46933634	+	8525	9513.974	0	-1.12406	0.224761	-5.00112	2.47E-06	8.12E-05	0.064934
ENSG0000 response	Inflamed	PI15	protein_cc chr8	75736772	75767264	+	7156	489.3055	0.02864	-2.28812	0.457532	-5.00101	2.47E-06	8.12E-05	0.064963
ENSG0000 response	Inflamed	CCDC175	protein_cc chr14	59971257	60043549	-	3245	5.054893	0.329356	0.993905	0.198781	4.999991	2.48E-06	8.14E-05	0.065238
ENSG0000 response	Inflamed	TLR2	protein_cc chr4	1.55E+08	1.55E+08	+	4200	442.6611	0	-1.27335	0.254695	-4.99952	2.49E-06	8.15E-05	0.065367
ENSG0000 response	Inflamed	GJA4	protein_cc chr1	35258599	35261348	+	1717	320.4153	0.002387	-1.24853	0.249758	-4.99896	2.49E-06	8.16E-05	0.065516
ENSG0000 response	Inflamed	HTRA3	protein_cc chr4	8271492	8308838	+	3321	1223.031	0	-1.20815	0.241759	-4.99733	2.51E-06	8.20E-05	0.06596
ENSG0000 response	Inflamed	FAM163B	protein_cc chr9	1.36E+08	1.36E+08	-	811	14.49165	0.357995	1.497244	0.299624	4.997077	2.51E-06	8.20E-05	0.06603
ENSG0000 response	Inflamed	IGHV1-18	IG_V_gene chr14	1.07E+08	1.07E+08	-	410	10762.1	0	-1.51491	0.303164	-4.99699	2.51E-06	8.20E-05	0.066054
ENSG0000 response	Inflamed	ALOX15B	protein_cc chr17	7942335	7952452	+	3028	115.7709	0.002387	-1.16362	0.232922	-4.99574	2.53E-06	8.23E-05	0.066395
ENSG0000 response	Inflamed	CHRM1	protein_cc chr11	62676151	62689279	-	3250	105.611	0.009547	1.232209	0.246736	4.994034	2.54E-06	8.28E-05	0.066866
ENSG0000 response	Inflamed	SPHK1	protein_cc chr17	74372665	74383941	+	4416	570.2649	0	-1.12813	0.225932	-4.99322	2.55E-06	8.29E-05	0.067091
ENSG0000 response	Inflamed	SAMD14	protein_cc chr17	48187404	48207246	-	7016	214.5346	0	-0.8428	0.168852	-4.99134	2.57E-06	8.35E-05	0.067616
ENSG0000 response	Inflamed	LINC00094	antisense chr9	1.37E+08	1.37E+08	+	5994	510.3461	0	-0.49734	0.09977	-4.9849	2.64E-06	8.56E-05	0.069438
ENSG0000 response	Inflamed	CERCAM	protein_cc chr9	1.31E+08	1.31E+08	+	6054	1431.647	0	-0.94604	0.189879	-4.98235	2.67E-06	8.63E-05	0.070173
ENSG0000 response	Inflamed	AAED1	protein_cc chr9	99401859	99417585	-	3084	261.5418	0	-0.63834	0.128126	-4.98216	2.67E-06	8.63E-05	0.070231
ENSG0000 response	Inflamed	IGHGP	IG_C_pseu chr14	1.06E+08	1.06E+08	-	1178	3141.74	0.002387	-2.05196	0.411875	-4.982	2.67E-06	8.63E-05	0.070275
ENSG0000 response	Inflamed	BAIAP2L2	protein_cc chr22	38480896	38506677	-	2194	3010.177	0	0.864682	0.1736	4.980884	2.69E-06	8.66E-05	0.0706
ENSG0000 response	Inflamed	WFIKKN1	protein_cc chr16	679239	684116	+	4878	79.0358	0.00716	0.894575	0.179618	4.98042	2.69E-06	8.67E-05	0.070736
ENSG0000 response	Inflamed	IGKV3D-15	IG_V_gene chr2	90153696	90154258	+	394	1237.723	0.002387	-1.56053	0.31336	-4.98001	2.70E-06	8.67E-05	0.070855
ENSG0000 response	Inflamed	MT-TF	Mt_tRNA chrM	577	647	+	71	278.9666	0	1.085219	0.217948	4.979245	2.70E-06	8.69E-05	0.07108
ENSG0000 response	Inflamed	LINC00888	pseudoger chr3	1.83E+08	1.83E+08	+	2131	93.8926	0	-0.75748	0.152153	-4.9784	2.71E-06	8.71E-05	0.071328
ENSG0000 response	Inflamed	VSIG10	protein_cc chr12	1.19E+08	1.19E+08	-	7060	2561.585	0	0.795951	0.159905	4.977636	2.72E-06	8.73E-05	0.071554
ENSG0000 response	Inflamed	CNPY3	protein_cc chr6	42896938	42907025	+	1704	1789.208	0	-0.43364	0.087132	-4.97684	2.73E-06	8.74E-05	0.071789
ENSG0000 response	Inflamed	IGLV3-10	IG_V_gene chr22	23154244	23154782	+	386	3816.468	0	-1.56632	0.314773	-4.97603	2.74E-06	8.76E-05	0.072029
ENSG0000 response	Inflamed	KLHL5	protein_cc chr4	39046659	39128477	+	5144	716.6802	0	-1.08505	0.218089	-4.97526	2.75E-06	8.78E-05	0.072258
ENSG0000 response	Inflamed	RP11-5544	sense_ove chr11	68768233	68769516	-	1284	55.83055	0.00716	-1.23234	0.247703	-4.97508	2.75E-06	8.78E-05	0.072313
ENSG0000 response	Inflamed	APBA2	protein_cc chr15	29129629	29410518	+	6869	418	0	-0.92082	0.185099	-4.97476	2.75E-06	8.78E-05	0.072409
ENSG0000 response	Inflamed	FER1L4	pseudoger chr20	34146507	34195484	-	9212	1416.384	0.002387	-1.36416	0.274388	-4.97164	2.79E-06	8.87E-05	0.073346
ENSG0000 response	Inflamed	TENM4	protein_cc chr11	78363876	79151992	-	16330	295.6205	0.00716	-1.34132	0.26983	-4.97096	2.80E-06	8.87E-05	0.073553
ENSG0000 response	Inflamed	GPR4	protein_cc chr19	46093022	46105466	-	3145	313.0286	0.002387	-1.33556	0.268683	-4.97076	2.80E-06	8.87E-05	0.073614
ENSG0000 response	Inflamed	RP11-5030	sense_intr chr6	1.69E+08	1.69E+08	-	2559	10.9642	0.238663	0.965848	0.194314	4.970567	2.80E-06	8.87E-05	0.073672
ENSG0000 response	Inflamed	COL12A1	protein_cc chr6	75794042	75915767	-	12476	5259.033	0	-1.4432	0.290357	-4.97045	2.80E-06	8.87E-05	0.073707
ENSG0000 response	Inflamed	ATP8B2	protein_cc chr1	1.54E+08	1.54E+08	+	7572	2209.274	0	-0.85666	0.172368	-4.96993	2.81E-06	8.87E-05	0.073867
ENSG0000 response	Inflamed	INSL3	protein_cc chr19	17927321	17932383	-	923	14.05967	0.093079	-0.96796	0.194765	-4.9699	2.81E-06	8.87E-05	0.073874
ENSG0000 response	Inflamed	FAM167B	protein_cc chr1	32712834	32714457	+	936	193.5322	0	-0.77401	0.155748	-4.96964	2.81E-06	8.87E-05	0.073955

ENSG0000 response	Inflamed	WIPF1	protein_cc chr2	1.75E+08	1.76E+08	-	9121	3762.487	0	-0.80816	0.162625	-4.96947	2.81E-06	8.87E-05	0.074006
ENSG0000 response	Inflamed	S1PR3	protein_cc chr9	91606362	91619925	+	8754	506.0072	0.002387	-1.16779	0.235059	-4.96809	2.83E-06	8.91E-05	0.074428
ENSG0000 response	Inflamed	PLA1A	protein_cc chr3	1.19E+08	1.19E+08	+	2202	133.3294	0.004773	-1.3196	0.265681	-4.96686	2.85E-06	8.95E-05	0.074806
ENSG0000 response	Inflamed	AP000695	antisense chr21	37802658	37853368	+	893	3.274463	0.472554	-0.7999	0.161084	-4.96574	2.86E-06	8.98E-05	0.075155
ENSG0000 response	Inflamed	SLC31A2	protein_cc chr9	1.16E+08	1.16E+08	+	2504	551.9642	0	-0.50754	0.102231	-4.96468	2.87E-06	9.01E-05	0.075482
ENSG0000 response	Inflamed	KCNA3	protein_cc chr1	1.11E+08	1.11E+08	-	3346	337.5609	0	-1.2035	0.242507	-4.96273	2.89E-06	9.07E-05	0.07609
ENSG0000 response	Inflamed	S100A3	protein_cc chr1	1.54E+08	1.54E+08	-	955	42.53222	0.023866	-1.27692	0.257333	-4.96215	2.90E-06	9.08E-05	0.076275
ENSG0000 response	Inflamed	FGD3	protein_cc chr9	95709733	95798518	+	6055	1168.962	0	-0.83808	0.168952	-4.96047	2.92E-06	9.12E-05	0.076803
ENSG0000 response	Inflamed	IL41I	protein_cc chr19	50392911	50432796	-	2563	548.8473	0	-1.14905	0.231656	-4.96016	2.93E-06	9.12E-05	0.076901
ENSG0000 response	Inflamed	IL12RB1	protein_cc chr19	18169805	18209754	-	4298	583.284	0	-0.76277	0.15378	-4.96014	2.93E-06	9.12E-05	0.076908
ENSG0000 response	Inflamed	ARSG	protein_cc chr17	66255323	66418872	+	6587	171.0406	0	-0.7552	0.152285	-4.95911	2.94E-06	9.15E-05	0.077235
ENSG0000 response	Inflamed	FGD2	protein_cc chr6	36973422	36996846	+	10167	1538.294	0	-0.76607	0.154489	-4.95871	2.94E-06	9.16E-05	0.077363
ENSG0000 response	Inflamed	RP11-1661	antisense chr3	1.51E+08	1.51E+08	+	565	1.575179	0.799523	-0.8521	0.171907	-4.95675	2.97E-06	9.21E-05	0.077991
ENSG0000 response	Inflamed	PLCD1	protein_cc chr3	38048987	38071253	-	4314	2238.666	0	0.739521	0.149199	4.956621	2.97E-06	9.21E-05	0.078031
ENSG0000 response	Inflamed	RP11-8551	lincRNA chr17	65989996	65992547	-	414	3.789976	0.47494	-0.94515	0.190723	-4.95559	2.98E-06	9.24E-05	0.078363
ENSG0000 response	Inflamed	LYL1	protein_cc chr19	13209847	13213975	-	3119	418.2554	0	-0.83459	0.168421	-4.95541	2.98E-06	9.24E-05	0.078422
ENSG0000 response	Inflamed	SLC35G2	protein_cc chr3	1.37E+08	1.37E+08	+	4287	74.97136	0.004773	-1.01332	0.204556	-4.95377	3.00E-06	9.28E-05	0.078952
ENSG0000 response	Inflamed	SEMA4D	protein_cc chr9	91975702	92113045	-	14160	3351.649	0	-0.71736	0.144814	-4.95364	3.00E-06	9.28E-05	0.078996
ENSG0000 response	Inflamed	OTUD7A	protein_cc chr15	31775329	32162992	-	6624	83.00955	0.011933	0.667217	0.134707	4.953091	3.01E-06	9.28E-05	0.079174
ENSG0000 response	Inflamed	CTB-134H	pseudoger chr16	29065053	29119429	-	2180	53.09547	0.011933	1.260853	0.25456	4.953075	3.01E-06	9.28E-05	0.079179
ENSG0000 response	Inflamed	LINC00675	lincRNA chr17	10698230	10707416	-	1648	1688.477	0.002387	1.143191	0.230849	4.952114	3.02E-06	9.31E-05	0.079493
ENSG0000 response	Inflamed	SLC13A2	protein_cc chr17	26800311	26824799	+	3226	577.8687	0.0358	2.306976	0.466113	4.949388	3.06E-06	9.40E-05	0.08039
ENSG0000 response	Inflamed	MSANTD3	protein_cc chr9	1.03E+08	1.03E+08	+	2763	322.4511	0	-0.67371	0.136161	-4.94787	3.08E-06	9.45E-05	0.080895
ENSG0000 response	Inflamed	RP11-8061	lincRNA chr17	76356534	76369992	+	1188	18	0.138425	-1.35594	0.274058	-4.94765	3.08E-06	9.45E-05	0.080967
ENSG0000 response	Inflamed	GS1-393G	antisense chr8	1.46E+08	1.46E+08	-	444	152.0501	0	0.640605	0.129519	4.946034	3.10E-06	9.50E-05	0.081507
ENSG0000 response	Inflamed	TMEM110	protein_cc chr3	52870235	52931612	-	5730	96.34368	0	-0.32612	0.065956	-4.94447	3.12E-06	9.55E-05	0.082035
ENSG0000 response	Inflamed	SLC39A11	protein_cc chr17	70642088	71088851	-	5583	1525.045	0	0.470817	0.095237	4.943625	3.13E-06	9.57E-05	0.082319
ENSG0000 response	Inflamed	SSTR1	protein_cc chr14	38677204	38682272	+	4295	479.673	0.004773	1.139286	0.230477	4.943159	3.14E-06	9.58E-05	0.082477
ENSG0000 response	Inflamed	FRZB	protein_cc chr2	1.84E+08	1.84E+08	-	3162	929.8735	0	0.809956	0.163927	4.940955	3.17E-06	9.65E-05	0.083228
ENSG0000 response	Inflamed	06-Sep	protein_cc chrX	1.19E+08	1.19E+08	-	6553	2034.036	0	-0.74571	0.150927	-4.94086	3.17E-06	9.65E-05	0.083262
ENSG0000 response	Inflamed	NFKBIE	protein_cc chr6	44225903	44233500	-	2556	1054.086	0	-0.54935	0.111194	-4.94043	3.17E-06	9.65E-05	0.083407
ENSG0000 response	Inflamed	MIR1587	lincRNA chrX	39696790	39707612	-	1976	4.599045	0.21957	-0.73385	0.148555	-4.93992	3.18E-06	9.66E-05	0.083583
ENSG0000 response	Inflamed	CTC-5580	antisense chr5	1.68E+08	1.68E+08	+	3478	45.07876	0.071599	1.408292	0.285133	4.939065	3.19E-06	9.69E-05	0.083878
ENSG0000 response	Inflamed	B4GALNT2	protein_cc chr17	47209822	47247351	+	2110	1450.208	0.01432	1.839097	0.372457	4.937746	3.21E-06	9.72E-05	0.084334
ENSG0000 response	Inflamed	CHN2	protein_cc chr7	29161890	29553944	+	10853	449.2888	0	0.798155	0.161645	4.937717	3.21E-06	9.72E-05	0.084344
ENSG0000 response	Inflamed	MTMR11	protein_cc chr1	1.5E+08	1.5E+08	-	4591	5468.012	0	0.838196	0.169836	4.935332	3.24E-06	9.80E-05	0.085175
ENSG0000 response	Inflamed	TSHR	protein_cc chr14	81421333	81612646	+	5519	40.24582	0.01432	-1.12298	0.227556	-4.93498	3.24E-06	9.80E-05	0.0853
ENSG0000 response	Inflamed	RAPGEFL1	protein_cc chr17	38333263	38351908	+	5710	6827.659	0	0.930216	0.188511	4.934545	3.25E-06	9.81E-05	0.08545
ENSG0000 response	Inflamed	GBGT1	protein_cc chr9	1.36E+08	1.36E+08	-	3708	292.1575	0	-0.57656	0.11689	-4.93248	3.28E-06	9.88E-05	0.08618
ENSG0000 response	Inflamed	MMP8	protein_cc chr11	1.03E+08	1.03E+08	-	3438	8.183771	0.534606	-1.4706	0.298185	-4.93184	3.29E-06	9.90E-05	0.086407

ENSG0000 response	Inflamed	PCED1B-A1	processed_chr12	47599681	47610239	-	3092	402.4391	0	-1.02265	0.207377	-4.93137	3.29E-06	9.91E-05	0.086573
ENSG0000 response	Inflamed	TRIB3	protein_cc chr20	361261	378203	+	2948	308.4749	0	-0.63036	0.127835	-4.93102	3.30E-06	9.91E-05	0.086698
ENSG0000 response	Inflamed	TTLL8	protein_cc chr22	50453552	50495364	-	2707	2.210024	0.615752	-0.77493	0.157232	-4.92862	3.33E-06	1.00E-04	0.087557
ENSG0000 response	Inflamed	IGSF6	protein_cc chr16	21652609	21663981	-	1781	415.3508	0	-0.99591	0.202126	-4.92716	3.35E-06	0.0001	0.088081
ENSG0000 response	Inflamed	HLX	protein_cc chr1	2.21E+08	2.21E+08	+	4144	541.4129	0	-0.81398	0.165204	-4.92712	3.35E-06	0.0001	0.088098
ENSG0000 response	Inflamed	GPR25	protein_cc chr1	2.01E+08	2.01E+08	+	1224	28.03103	0.02148	-0.97714	0.198336	-4.92672	3.36E-06	0.0001	0.088241
ENSG0000 response	Inflamed	TRAF1	protein_cc chr9	1.24E+08	1.24E+08	-	6449	1299.191	0	-0.90357	0.183519	-4.92356	3.40E-06	0.000102	0.089392
ENSG0000 response	Inflamed	PMFBP1	protein_cc chr16	72146056	72210777	-	5691	51.01193	0.011933	1.054127	0.214162	4.922095	3.42E-06	0.000102	0.089933
ENSG0000 response	Inflamed	TMEM204	protein_cc chr16	1578689	1605581	+	2047	522.1169	0	-0.78326	0.159176	-4.92069	3.44E-06	0.000103	0.090453
ENSG0000 response	Inflamed	SDK1	protein_cc chr7	3341080	4308632	+	12045	1199.141	0	-1.0713	0.21774	-4.9201	3.45E-06	0.000103	0.090673
ENSG0000 response	Inflamed	ATG4D	protein_cc chr19	10654571	10664094	+	2278	1888.792	0	0.427791	0.086972	4.918729	3.47E-06	0.000103	0.091183
ENSG0000 response	Inflamed	GPR137B	protein_cc chr1	2.36E+08	2.36E+08	+	2279	833.7494	0	-0.58132	0.118197	-4.91828	3.47E-06	0.000103	0.091351
ENSG0000 response	Inflamed	CWH43	protein_cc chr4	48988264	49064098	+	3138	625.0095	0.019093	1.969079	0.400408	4.917676	3.48E-06	0.000103	0.091578
ENSG0000 response	Inflamed	UBTD1	protein_cc chr10	99258625	99330966	+	1706	238.5704	0	-0.84444	0.171732	-4.9172	3.49E-06	0.000103	0.091756
ENSG0000 response	Inflamed	RP6-65G2	lincRNA chr14	71165415	71178870	+	602	8.121718	0.310263	-1.13691	0.231233	-4.91673	3.50E-06	0.000104	0.091936
ENSG0000 response	Inflamed	STAP2	protein_cc chr19	4324040	4342783	-	2766	4181.702	0	0.856363	0.174187	4.916343	3.50E-06	0.000104	0.09208
ENSG0000 response	Inflamed	MGAT4B	protein_cc chr5	1.79E+08	1.79E+08	-	5495	14700.68	0	0.522335	0.106252	4.915997	3.51E-06	0.000104	0.092211
ENSG0000 response	Inflamed	GP5	protein_cc chr3	1.94E+08	1.94E+08	-	3563	10.26253	0.088305	-0.82701	0.168256	-4.91522	3.52E-06	0.000104	0.092507
ENSG0000 response	Inflamed	RP1-229K2	pseudoger chr6	41237613	41237977	-	365	4.756563	0.596659	-1.18574	0.241246	-4.91506	3.52E-06	0.000104	0.092566
ENSG0000 response	Inflamed	RP11-554I	pseudoger chr12	1.08E+08	1.08E+08	-	679	6.584726	0.126492	-0.89126	0.18134	-4.91486	3.52E-06	0.000104	0.092641
ENSG0000 response	Inflamed	TNFAIP2	protein_cc chr14	1.04E+08	1.04E+08	+	5029	6577.599	0	-1.00715	0.20494	-4.91438	3.53E-06	0.000104	0.092823
ENSG0000 response	Inflamed	VASN	protein_cc chr16	4421849	4433529	+	2806	841.0716	0	-1.11617	0.227127	-4.91431	3.53E-06	0.000104	0.09285
ENSG0000 response	Inflamed	CHAC1	protein_cc chr15	41245160	41248710	+	2051	337.7088	0	-1.05333	0.214401	-4.91287	3.55E-06	0.000104	0.0934
ENSG0000 response	Inflamed	AC106876	protein_cc chr2	2.34E+08	2.34E+08	+	813	79.96897	0.011933	0.91394	0.186073	4.911729	3.57E-06	0.000105	0.093839
ENSG0000 response	Inflamed	SCT	protein_cc chr11	626431	627143	-	366	22.06683	0.02864	0.966945	0.196909	4.910612	3.59E-06	0.000105	0.094269
ENSG0000 response	Inflamed	RFX8	protein_cc chr2	1.02E+08	1.02E+08	-	2625	12.35322	0.23389	-1.39031	0.283219	-4.90897	3.61E-06	0.000106	0.094908
ENSG0000 response	Inflamed	O3-Mar	protein_cc chr5	1.26E+08	1.26E+08	-	5179	794.8663	0	0.475878	0.096966	4.90768	3.63E-06	0.000106	0.095409
ENSG0000 response	Inflamed	AC073133	lincRNA chr7	1.56E+08	1.56E+08	-	2698	21.05967	0.124105	1.219799	0.248579	4.907078	3.64E-06	0.000106	0.095645
ENSG0000 response	Inflamed	RFTN1	protein_cc chr3	16355081	16555533	-	4776	2173.263	0	-0.88444	0.180283	-4.90581	3.66E-06	0.000106	0.096141
ENSG0000 response	Inflamed	COL8A1	protein_cc chr3	99357319	99518070	+	9408	718.8544	0.009547	-1.63894	0.334083	-4.90577	3.66E-06	0.000106	0.096159
ENSG0000 response	Inflamed	TMEM61	protein_cc chr1	55446465	55457966	+	1097	242.8353	0.004773	1.049828	0.214048	4.904639	3.67E-06	0.000107	0.096605
ENSG0000 response	Inflamed	FNDC4	protein_cc chr2	27714750	27718112	-	1982	160.1718	0.002387	-1.12868	0.230136	-4.90439	3.68E-06	0.000107	0.096703
ENSG0000 response	Inflamed	ITPKA	protein_cc chr15	41785591	41795747	+	2090	867.6062	0	0.860235	0.175406	4.904245	3.68E-06	0.000107	0.096761
ENSG0000 response	Inflamed	KIAA0930	protein_cc chr22	45586219	45636650	-	10019	3982.141	0	-0.4092	0.083444	-4.90386	3.69E-06	0.000107	0.096912
ENSG0000 response	Inflamed	SNAI3	protein_cc chr16	88744090	88752901	-	1732	139.6301	0	-0.71982	0.1468	-4.90343	3.69E-06	0.000107	0.097085
ENSG0000 response	Inflamed	IL10	protein_cc chr1	2.07E+08	2.07E+08	-	1978	50.62053	0	-0.90082	0.18373	-4.90296	3.70E-06	0.000107	0.097273
ENSG0000 response	Inflamed	RP1-85F18	antisense chr22	41570595	41593460	-	457	4.906921	0.152745	0.630585	0.128633	4.902185	3.71E-06	0.000107	0.097581
ENSG0000 response	Inflamed	ANK1	protein_cc chr8	41510739	41754280	-	10799	186.5561	0.009547	-1.24445	0.253894	-4.90147	3.72E-06	0.000107	0.097868
ENSG0000 response	Inflamed	IL27RA	protein_cc chr19	14142560	14163743	+	2677	735.3461	0	-0.81218	0.16571	-4.90121	3.73E-06	0.000107	0.09797
ENSG0000 response	Inflamed	MAPK13	protein_cc chr6	36095586	36107842	+	2738	5227.874	0	0.457588	0.093368	4.900926	3.73E-06	0.000107	0.098085

ENSG0000 response	Inflamed	MLC1	protein_cc chr22	50497820	50524331	-	4297	54.46062	0.023866	-1.29504	0.264271	-4.90041	3.74E-06	0.000108	0.098291
ENSG0000 response	Inflamed	CNN2	protein_cc chr19	1026298	1039068	+	3928	6980.864	0	-0.51396	0.104919	-4.89869	3.77E-06	0.000108	0.098986
ENSG0000 response	Inflamed	DHRS7C	protein_cc chr17	9674751	9694614	-	1006	14.76611	0.140811	1.310587	0.267587	4.897794	3.78E-06	0.000108	0.09935
ENSG0000 response	Inflamed	GRK6	protein_cc chr5	1.77E+08	1.77E+08	+	4355	2815.265	0	-0.40036	0.08175	-4.8974	3.79E-06	0.000109	0.099509
ENSG0000 response	Inflamed	NDUFA4L2	protein_cc chr12	57628686	57634498	-	2806	287.1527	0	-1.11407	0.227514	-4.8967	3.80E-06	0.000109	0.099796
ENSG0000 response	Inflamed	G RTP1	protein_cc chr13	1.14E+08	1.14E+08	-	2656	1183.621	0	0.734414	0.149984	4.896612	3.80E-06	0.000109	0.099832
ENSG0000 response	Inflamed	HPCA	protein_cc chr1	33351595	33364042	+	1991	30.93317	0.00716	0.87497	0.178689	4.896592	3.80E-06	0.000109	0.09984
ENSG0000 response	Inflamed	SMAP2	protein_cc chr1	40810522	40888998	+	3436	4015.2	0	-0.70703	0.144408	-4.89609	3.81E-06	0.000109	0.100045
ENSG0000 response	Inflamed	CA2	protein_cc chr8	86376081	86393722	+	2123	25945.15	0	1.316171	0.268958	4.893587	3.84E-06	0.00011	0.101076
ENSG0000 response	Inflamed	PDCD1	protein_cc chr2	2.43E+08	2.43E+08	-	2114	270.136	0	-1.04955	0.214489	-4.89324	3.85E-06	0.00011	0.10122
ENSG0000 response	Inflamed	CHST10	protein_cc chr2	1.01E+08	1.01E+08	-	4482	134.3747	0	-0.83449	0.170559	-4.89271	3.86E-06	0.00011	0.10144
ENSG0000 response	Inflamed	AC092652	antisense chr2	1.44E+08	1.44E+08	-	735	3	0.53222	0.720986	0.147394	4.891562	3.88E-06	0.00011	0.101916
ENSG0000 response	Inflamed	IGHV3-23	IG_V_gene chr14	1.07E+08	1.07E+08	-	430	35873.8	0	-1.46288	0.299139	-4.89031	3.90E-06	0.000111	0.102439
ENSG0000 response	Inflamed	RASSF2	protein_cc chr20	4760669	4804291	-	5759	2158.943	0	-0.92942	0.190075	-4.88974	3.91E-06	0.000111	0.102676
ENSG0000 response	Inflamed	RP11-5711	3prime_ov chr12	58117544	58119448	-	1905	30.95465	0.019093	-0.76914	0.157318	-4.8891	3.92E-06	0.000111	0.102946
ENSG0000 response	Inflamed	UGT2B10	protein_cc chr4	69681711	69696914	+	1931	4.46778	0.491647	0.745185	0.152562	4.884467	3.99E-06	0.000113	0.104916
ENSG0000 response	Inflamed	OPRL1	protein_cc chr20	62711526	62731996	+	3549	91.56802	0.004773	-0.82071	0.168072	-4.88306	4.01E-06	0.000113	0.10552
ENSG0000 response	Inflamed	SMOX	protein_cc chr20	4101627	4168394	+	4943	857.6874	0	-0.99391	0.203606	-4.88155	4.04E-06	0.000114	0.106175
ENSG0000 response	Inflamed	IFITM3	protein_cc chr11	319669	327537	-	1348	11468.4	0	-0.78838	0.161549	-4.88009	4.06E-06	0.000115	0.106807
ENSG0000 response	Inflamed	RP11-317F	lincRNA chr1	1.83E+08	1.83E+08	+	1376	4.813842	0.207637	-0.86756	0.177786	-4.87979	4.07E-06	0.000115	0.106942
ENSG0000 response	Inflamed	RP11-2751	lincRNA chr15	38964048	38981392	+	815	7.575179	0.300716	-1.11504	0.228579	-4.87811	4.10E-06	0.000115	0.107676
ENSG0000 response	Inflamed	PLOD1	protein_cc chr1	11994262	12035595	+	5320	4224.115	0	-0.53302	0.109274	-4.87782	4.10E-06	0.000115	0.107806
ENSG0000 response	Inflamed	AC141928	lincRNA chr4	3760475	3765117	-	4525	19.32697	0.083532	-1.01973	0.209165	-4.87522	4.14E-06	0.000116	0.108955
ENSG0000 response	Inflamed	IGSF5	protein_cc chr21	41117334	41174023	+	2650	6.011933	0.312649	1.025492	0.21041	4.873768	4.17E-06	0.000117	0.109602
ENSG0000 response	Inflamed	ANGPTL4	protein_cc chr19	8428173	8439257	+	2482	668.0549	0	-1.12693	0.231235	-4.87353	4.17E-06	0.000117	0.109707
ENSG0000 response	Inflamed	IKBIP	protein_cc chr12	99007183	99038891	-	4163	376.0167	0	-0.83806	0.171969	-4.87331	4.18E-06	0.000117	0.109809
ENSG0000 response	Inflamed	CMTM2	protein_cc chr16	66613351	66622178	+	1151	37.52745	0.136038	-1.63131	0.334799	-4.87249	4.19E-06	0.000117	0.110174
ENSG0000 response	Inflamed	CXorf36	protein_cc chrX	45007619	45060146	-	6720	653.3986	0	-0.89259	0.183226	-4.87155	4.21E-06	0.000117	0.110598
ENSG0000 response	Inflamed	FAM65B	protein_cc chr6	24797601	25042238	-	7697	867.4368	0	-1.45034	0.297724	-4.87144	4.21E-06	0.000117	0.110647
ENSG0000 response	Inflamed	MRAS	protein_cc chr3	1.38E+08	1.38E+08	+	6315	488.7924	0	-0.80323	0.16489	-4.87135	4.21E-06	0.000117	0.11069
ENSG0000 response	Inflamed	TDO2	protein_cc chr4	1.57E+08	1.57E+08	+	5264	256.0811	0.002387	-1.51008	0.310141	-4.86902	4.25E-06	0.000118	0.111745
ENSG0000 response	Inflamed	ELTD1	protein_cc chr1	79355449	79472403	-	3527	392.599	0.002387	-1.0762	0.221131	-4.86682	4.29E-06	0.000119	0.112756
ENSG0000 response	Inflamed	IHH	protein_cc chr2	2.2E+08	2.2E+08	-	2023	2534.931	0	1.249703	0.256793	4.866571	4.29E-06	0.000119	0.112869
ENSG0000 response	Inflamed	REP15	protein_cc chr12	27849428	27850566	+	1139	643.5084	0	1.176201	0.241692	4.866528	4.29E-06	0.000119	0.112888
ENSG0000 response	Inflamed	SULT1A2	protein_cc chr16	28603264	28608430	-	2275	661.58	0	1.369341	0.281384	4.866451	4.30E-06	0.000119	0.112923
ENSG0000 response	Inflamed	CRYBA2	protein_cc chr2	2.2E+08	2.2E+08	-	1454	40.79952	0.026253	1.318879	0.271119	4.864579	4.33E-06	0.00012	0.113789
ENSG0000 response	Inflamed	FAM89A	protein_cc chr1	2.31E+08	2.31E+08	-	2394	120.9284	0	-0.72888	0.149845	-4.86426	4.33E-06	0.00012	0.113938
ENSG0000 response	Inflamed	MEFV	protein_cc chr16	3292028	3306627	-	4819	434.7088	0.00716	-1.43803	0.295735	-4.86257	4.36E-06	0.000121	0.114726
ENSG0000 response	Inflamed	CTA-384D	lincRNA chr22	50981079	50981440	+	362	22.46778	0.050119	-1.10348	0.226966	-4.86187	4.38E-06	0.000121	0.115053
ENSG0000 response	Inflamed	RP11-3571	lincRNA chr17	46713285	46724385	-	1596	1037.549	0	1.014406	0.208685	4.860941	4.39E-06	0.000121	0.11549

ENSG0000 response	Inflamed	HMGCS2	protein_cc chr1	1.2E+08	1.2E+08	-	2571	14553.19	0	2.234989	0.459828	4.860487	4.40E-06	0.000121	0.115703
ENSG0000 response	Inflamed	RAB33A	protein_cc chrX	1.29E+08	1.29E+08	+	1258	31.72315	0	-0.7606	0.156515	-4.85956	4.42E-06	0.000122	0.116139
ENSG0000 response	Inflamed	GPR68	protein_cc chr14	91698876	91720269	-	3278	506.1169	0	-0.84665	0.174246	-4.85896	4.43E-06	0.000122	0.116425
ENSG0000 response	Inflamed	CD79B	protein_cc chr17	62006100	62009714	-	2080	637.7757	0.002387	-1.36685	0.28135	-4.85819	4.44E-06	0.000122	0.116792
ENSG0000 response	Inflamed	NDNL2	protein_cc chr15	29560353	29562033	-	1681	533.315	0	-0.37472	0.077132	-4.85816	4.44E-06	0.000122	0.116806
ENSG0000 response	Inflamed	MPV17	protein_cc chr2	27532360	27548547	-	4653	1054.134	0	-0.31289	0.064409	-4.85777	4.45E-06	0.000122	0.116989
ENSG0000 response	Inflamed	KIAA0125	protein_cc chr14	1.06E+08	1.06E+08	+	3208	750.8568	0	-1.30084	0.267856	-4.8565	4.47E-06	0.000122	0.117598
ENSG0000 response	Inflamed	AC073283	lincRNA chr2	47419544	47572213	-	3552	60.63723	0.004773	0.87246	0.179657	4.85626	4.48E-06	0.000122	0.117713
ENSG0000 response	Inflamed	BCL6	protein_cc chr3	1.87E+08	1.87E+08	-	5938	1540.241	0	-1.06893	0.220117	-4.85621	4.48E-06	0.000122	0.117739
ENSG0000 response	Inflamed	ECSCR	protein_cc chr5	1.39E+08	1.39E+08	-	740	147.1814	0.002387	-1.01091	0.208177	-4.85603	4.48E-06	0.000122	0.117824
ENSG0000 response	Inflamed	PDGFRB	protein_cc chr5	1.49E+08	1.5E+08	-	7137	5203.661	0	-1.11309	0.22922	-4.85601	4.48E-06	0.000122	0.117833
ENSG0000 response	Inflamed	NOX4	protein_cc chr11	89057524	89322779	-	6327	18.32936	0.143198	-1.24228	0.255852	-4.85545	4.49E-06	0.000122	0.118104
ENSG0000 response	Inflamed	TMEM156	protein_cc chr4	38968365	39034542	-	2562	151.0597	0	-1.04195	0.214598	-4.85534	4.49E-06	0.000122	0.118157
ENSG0000 response	Inflamed	B3GNT9	protein_cc chr16	67182008	67185117	-	2917	632.5442	0	-0.64224	0.132305	-4.85429	4.51E-06	0.000123	0.118663
ENSG0000 response	Inflamed	SH3RF3-AS1	lincRNA chr2	1.1E+08	1.1E+08	-	1604	18.92363	0.0358	-0.93746	0.193128	-4.85408	4.52E-06	0.000123	0.118762
ENSG0000 response	Inflamed	RP11-875C	antisense chr8	22842109	22876848	-	2268	98.22196	0	-0.69526	0.143235	-4.85401	4.52E-06	0.000123	0.118797
ENSG0000 response	Inflamed	RP11-561C	pseudoger chr15	85798600	85873565	-	5516	23.40811	0.02148	-1.02075	0.210441	-4.85052	4.58E-06	0.000124	0.120499
ENSG0000 response	Inflamed	SERPINB3	protein_cc chr18	61322431	61329197	-	1777	137.5728	0.46778	-2.76913	0.570991	-4.84969	4.60E-06	0.000124	0.120907
ENSG0000 response	Inflamed	NMUR2	protein_cc chr5	1.52E+08	1.52E+08	-	2345	125.6993	0.257757	-2.15654	0.444676	-4.84969	4.60E-06	0.000124	0.120908
ENSG0000 response	Inflamed	ATP8B3	protein_cc chr19	1782074	1812275	-	7011	65.96659	0.004773	-0.72131	0.148845	-4.84605	4.67E-06	0.000126	0.12271
ENSG0000 response	Inflamed	TMEM246	protein_cc chr9	1.04E+08	1.04E+08	-	5568	1678.126	0	0.607615	0.125392	4.845738	4.67E-06	0.000126	0.122866
ENSG0000 response	Inflamed	IGKV3D-2C	IG_V_gene chr2	90077680	90078311	+	445	1939.644	0.002387	-1.51567	0.312934	-4.84341	4.72E-06	0.000127	0.124034
ENSG0000 response	Inflamed	AC011526	lincRNA chr19	41960074	42006559	-	3884	110.2959	0.002387	-0.99478	0.205433	-4.84234	4.74E-06	0.000128	0.124575
ENSG0000 response	Inflamed	AC145676	protein_cc chr7	227554	229557	-	2004	14.81146	0.243437	-1.4477	0.299083	-4.84047	4.77E-06	0.000128	0.125528
ENSG0000 response	Inflamed	HNF1A-AS	antisense chr12	1.21E+08	1.21E+08	-	1430	226.8401	0.011933	1.071506	0.221396	4.839778	4.79E-06	0.000129	0.125881
ENSG0000 response	Inflamed	C3AR1	protein_cc chr12	8210898	8219067	-	2145	639.8043	0	-0.78795	0.162866	-4.83802	4.82E-06	0.000129	0.126782
ENSG0000 response	Inflamed	C11orf84	protein_cc chr11	63580860	63595190	+	2807	558.9928	0	-0.4959	0.102505	-4.83781	4.83E-06	0.000129	0.126895
ENSG0000 response	Inflamed	FOLR3	protein_cc chr11	71825915	71850936	+	1394	27.33174	0.353222	-1.36054	0.281327	-4.83613	4.86E-06	0.00013	0.127761
ENSG0000 response	Inflamed	PCK2	protein_cc chr14	24563262	24579807	+	4189	4324.537	0	0.584631	0.120928	4.834532	4.89E-06	0.000131	0.128594
ENSG0000 response	Inflamed	AC104699	antisense chr2	25643986	25650512	+	414	88.66348	0.002387	-1.14378	0.236594	-4.83436	4.89E-06	0.000131	0.128685
ENSG0000 response	Inflamed	SCIMP	protein_cc chr17	5112256	5138155	-	4208	459.9427	0	-0.72092	0.14913	-4.83419	4.90E-06	0.000131	0.128773
ENSG0000 response	Inflamed	RP5-875H1	antisense chr17	48178068	48179284	-	430	7.866348	0.334129	0.926257	0.19161	4.834074	4.90E-06	0.000131	0.128834
ENSG0000 response	Inflamed	TTPA	protein_cc chr8	63961112	63998612	-	2389	96.29117	0.02148	1.226455	0.253732	4.833664	4.91E-06	0.000131	0.129049
ENSG0000 response	Inflamed	WDFY4	protein_cc chr10	49892921	50191001	+	13692	1690.284	0	-0.98618	0.204035	-4.83338	4.91E-06	0.000131	0.129196
ENSG0000 response	Inflamed	CELA3B	protein_cc chr1	22303514	22325135	+	1541	13.51313	0.341289	1.007068	0.208405	4.832255	4.94E-06	0.000131	0.12979
ENSG0000 response	Inflamed	IGLV9-49	IG_V_gene chr22	22697539	22698084	+	409	434.5394	0.004773	-1.61349	0.333903	-4.83222	4.94E-06	0.000131	0.129809
ENSG0000 response	Inflamed	ULBP1	protein_cc chr6	1.5E+08	1.5E+08	+	3142	2.844869	0.412888	-0.73057	0.151234	-4.8307	4.97E-06	0.000132	0.130613
ENSG0000 response	Inflamed	LSP1	protein_cc chr11	1874200	1913497	+	5399	4886.85	0	-0.71475	0.147961	-4.83062	4.97E-06	0.000132	0.130656
ENSG0000 response	Inflamed	CCDC108	protein_cc chr2	2.2E+08	2.2E+08	-	10519	18.65632	0.02864	1.01034	0.209155	4.83058	4.97E-06	0.000132	0.130676
ENSG0000 response	Inflamed	IGKV2-40	IG_V_gene chr2	89629873	89630186	-	314	47.07399	0.109785	-1.65012	0.341683	-4.82938	4.99E-06	0.000132	0.131316

ENSG0000 response	Inflamed	KLHL6	protein_cc chr3	1.83E+08	1.83E+08	-	10546	1778.94	0	-1.10754	0.229415	-4.82764	5.03E-06	0.000133	0.132243
ENSG0000 response	Inflamed	LA16c-395	antisense chr16	1630528	1660329	+	485	8.916468	0.190931	0.97089	0.201114	4.827549	5.03E-06	0.000133	0.132295
ENSG0000 response	Inflamed	EPN3	protein_cc chr17	48609904	48621111	+	4642	1389.728	0.004773	1.172565	0.242908	4.827191	5.04E-06	0.000133	0.132487
ENSG0000 response	Inflamed	APOBEC3I	protein_cc chr22	39493229	39500072	+	1251	23.50119	0.011933	-0.76995	0.159521	-4.82662	5.05E-06	0.000133	0.132796
ENSG0000 response	Inflamed	C4orf50	protein_cc chr4	5958845	5991545	-	4557	12.61337	0.286396	-1.31188	0.27186	-4.82556	5.07E-06	0.000134	0.133367
ENSG0000 response	Inflamed	CMTM3	protein_cc chr16	66637777	66647795	+	3163	967.5203	0	-0.61773	0.128053	-4.82404	5.10E-06	0.000134	0.134195
ENSG0000 response	Inflamed	IGKV1-33	IG_V_gene chr2	89567758	89568263	-	382	371.1146	0.002387	-1.47803	0.306407	-4.82375	5.11E-06	0.000134	0.134353
ENSG0000 response	Inflamed	TTC38	protein_cc chr22	46663858	46689905	+	3578	4836.986	0	0.545115	0.113039	4.822377	5.14E-06	0.000135	0.135101
ENSG0000 response	Inflamed	BLVRA	protein_cc chr7	43798279	43846939	+	1819	413.5298	0	-0.65063	0.134925	-4.82217	5.14E-06	0.000135	0.135213
ENSG0000 response	Inflamed	D87024.1	miRNA chr22	23198720	23198813	+	94	33.58473	0.031026	-1.11923	0.232254	-4.81899	5.21E-06	0.000137	0.136969
ENSG0000 response	Inflamed	SHC3	protein_cc chr9	91628060	91793682	-	2555	45.21718	0.033413	-1.50998	0.313376	-4.81842	5.22E-06	0.000137	0.137285
ENSG0000 response	Inflamed	CLCN2	protein_cc chr3	1.84E+08	1.84E+08	-	4290	2626.348	0	1.008125	0.209294	4.816786	5.26E-06	0.000137	0.138201
ENSG0000 response	Inflamed	ZG16	protein_cc chr16	29789561	29793096	+	1934	30948.41	0	2.32467	0.482637	4.816603	5.26E-06	0.000137	0.138303
ENSG0000 response	Inflamed	ABHD11	protein_cc chr7	73150424	73153197	-	2289	1752.198	0	0.508949	0.105679	4.81598	5.27E-06	0.000138	0.138653
ENSG0000 response	Inflamed	DNAH5	protein_cc chr5	13690440	13944652	-	16475	32.81862	0.038186	-1.15722	0.240328	-4.81514	5.29E-06	0.000138	0.139127
ENSG0000 response	Inflamed	SERPINB7	protein_cc chr18	61420169	61472604	+	2596	468.926	0.281623	-2.96381	0.615591	-4.81458	5.30E-06	0.000138	0.139443
ENSG0000 response	Inflamed	MROH7	protein_cc chr1	55107463	55175939	+	9052	82.13126	0.026253	1.315139	0.273192	4.813968	5.32E-06	0.000138	0.139789
ENSG0000 response	Inflamed	LY6E	protein_cc chr8	1.44E+08	1.44E+08	+	2640	1887.2	0	-0.83946	0.174387	-4.81379	5.32E-06	0.000138	0.139889
ENSG0000 response	Inflamed	SOCS3	protein_cc chr17	76352864	76356158	-	2729	6163.48	0	-1.5003	0.311699	-4.81331	5.33E-06	0.000139	0.140164
ENSG0000 response	Inflamed	CYP2J2	protein_cc chr1	60358980	60392462	-	2990	1116.943	0	0.964793	0.200467	4.812728	5.34E-06	0.000139	0.140494
ENSG0000 response	Inflamed	CREB3L4	protein_cc chr1	1.54E+08	1.54E+08	+	2911	586.5728	0	0.532571	0.110675	4.812014	5.36E-06	0.000139	0.140901
ENSG0000 response	Inflamed	CECR1	protein_cc chr22	17660194	17702879	-	5136	6169.15	0	-0.87478	0.181851	-4.81041	5.39E-06	0.00014	0.141818
ENSG0000 response	Inflamed	DNAAF1	protein_cc chr16	84178865	84212373	+	5939	22.34368	0.198091	-1.40065	0.291417	-4.80635	5.48E-06	0.000142	0.144172
ENSG0000 response	Inflamed	FAM211A	protein_cc chr17	16344891	16395467	-	3695	1882.995	0	0.855193	0.177948	4.805845	5.50E-06	0.000142	0.144467
ENSG0000 response	Inflamed	IGKV3-7	IG_V_gene chr2	89277987	89278600	-	445	34.50597	0.047733	-1.313	0.273319	-4.80391	5.54E-06	0.000143	0.145606
ENSG0000 response	Inflamed	AC002480	sense_ove chr7	22611226	22701411	-	1282	10.22434	0.291169	-1.12471	0.234178	-4.8028	5.56E-06	0.000144	0.146262
ENSG0000 response	Inflamed	RP11-395C	pseudoger chr5	1.26E+08	1.26E+08	-	303	7.701671	0.23389	0.879384	0.183112	4.80244	5.57E-06	0.000144	0.146474
ENSG0000 response	Inflamed	LZTS1	protein_cc chr8	20103676	20161474	-	5706	217.5179	0.01432	-1.20188	0.250335	-4.80111	5.60E-06	0.000144	0.147267
ENSG0000 response	Inflamed	C21orf88	protein_cc chr21	40969074	40984748	-	2516	230.5346	0.031026	2.218215	0.462097	4.800329	5.62E-06	0.000144	0.147731
ENSG0000 response	Inflamed	ARSB	protein_cc chr5	78073032	78281910	-	7189	925.5609	0	-0.48141	0.100288	-4.80024	5.62E-06	0.000144	0.147783
ENSG0000 response	Inflamed	C11orf21	protein_cc chr11	2316875	2324279	-	4199	151.1551	0.002387	-1.05261	0.219302	-4.79981	5.63E-06	0.000144	0.148043
ENSG0000 response	Inflamed	HDAC7	protein_cc chr12	48176505	48226915	-	9936	3417.296	0	-0.73263	0.152637	-4.79981	5.63E-06	0.000144	0.148043
ENSG0000 response	Inflamed	FAM78A	protein_cc chr9	1.34E+08	1.34E+08	-	5499	1000.589	0	-0.76934	0.160291	-4.79962	5.64E-06	0.000144	0.148154
ENSG0000 response	Inflamed	FBXO2	protein_cc chr1	11708424	11715842	-	2333	74.20048	0	-1.04045	0.216864	-4.79769	5.68E-06	0.000145	0.149316
ENSG0000 response	Inflamed	TNFSF8	protein_cc chr9	1.18E+08	1.18E+08	-	2348	124.7733	0.004773	-1.09654	0.228561	-4.79757	5.68E-06	0.000145	0.14939
ENSG0000 response	Inflamed	FOXA3	protein_cc chr19	46367247	46377055	+	2192	1939.196	0	0.849354	0.177105	4.795762	5.72E-06	0.000146	0.150486
ENSG0000 response	Inflamed	ORM1	protein_cc chr9	1.17E+08	1.17E+08	+	1532	7.677804	0.568019	-1.30244	0.271624	-4.79501	5.74E-06	0.000147	0.150945
ENSG0000 response	Inflamed	LINC00528	lincRNA chr22	18260088	18262247	+	2160	78.65155	0.00716	-1.01473	0.211644	-4.79452	5.75E-06	0.000147	0.151246
ENSG0000 response	Inflamed	MB21D1	protein_cc chr6	74123238	74161999	-	4155	304.0692	0.002387	-0.72579	0.151438	-4.79267	5.80E-06	0.000147	0.152378
ENSG0000 response	Inflamed	RPH3A	protein_cc chr12	1.13E+08	1.13E+08	+	10381	10.57518	0.119332	-1.06017	0.221216	-4.79247	5.80E-06	0.000147	0.152502

ENSG0000 response	Inflamed	PODNL1	protein_cc chr19	14042000	14064204	-	4168	190.3508	0	-0.78399	0.163591	-4.79238	5.80E-06	0.000147	0.15256
ENSG0000 response	Inflamed	CLEC4A	protein_cc chr12	8276228	8291203	+	1281	166.3365	0	-0.88637	0.184956	-4.79235	5.80E-06	0.000147	0.15258
ENSG0000 response	Inflamed	FAM87B	lincRNA chr1	752751	755214	+	1944	2.066826	0.477327	-0.60198	0.125619	-4.7921	5.81E-06	0.000147	0.152734
ENSG0000 response	Inflamed	IGLV3-16	IG_V_gene chr22	23089870	23090398	+	375	123.5752	0.009547	-1.42412	0.297208	-4.79165	5.82E-06	0.000148	0.153011
ENSG0000 response	Inflamed	IGLL5	protein_cc chr22	23229960	23238287	+	1335	1057.413	0	-1.22609	0.255909	-4.79112	5.83E-06	0.000148	0.153339
ENSG0000 response	Inflamed	ITGA5	protein_cc chr12	54789045	54813244	-	7577	4737.473	0	-1.15973	0.242097	-4.79036	5.85E-06	0.000148	0.153812
ENSG0000 response	Inflamed	ELMO1	protein_cc chr7	36893961	37488852	-	9767	1060.496	0	-0.81628	0.170415	-4.78999	5.86E-06	0.000148	0.154043
ENSG0000 response	Inflamed	RP11-879F	lincRNA chr18	59252979	59274149	-	1199	3.171838	0.384248	-0.73678	0.153841	-4.78922	5.88E-06	0.000148	0.15452
ENSG0000 response	Inflamed	SLC6A6	protein_cc chr3	14444076	14530857	+	8262	2895.967	0	-0.9375	0.195777	-4.78862	5.89E-06	0.000149	0.154896
ENSG0000 response	Inflamed	COL4A1	protein_cc chr13	1.11E+08	1.11E+08	-	7877	16555.38	0	-1.16518	0.243345	-4.78819	5.90E-06	0.000149	0.155163
ENSG0000 response	Inflamed	PDE6A	protein_cc chr5	1.49E+08	1.49E+08	-	7414	165.7232	0.083532	1.779466	0.37175	4.786722	5.94E-06	0.00015	0.15609
ENSG0000 response	Inflamed	SHBG	protein_cc chr17	7517382	7536700	+	1812	10.3389	0.057279	-0.72914	0.152343	-4.78617	5.95E-06	0.00015	0.156441
ENSG0000 response	Inflamed	IGLV1-41	IG_V_pseu chr22	22758539	22759053	+	406	103.642	0.064439	-1.37611	0.287524	-4.78606	5.95E-06	0.00015	0.156505
ENSG0000 response	Inflamed	LUCAT1	lincRNA chr5	90598846	90610219	-	2904	88.7685	0.176611	-1.95411	0.408473	-4.78395	6.00E-06	0.000151	0.157848
ENSG0000 response	Inflamed	RP4-647J2	sense_ove chr7	44998598	45000508	-	1911	72.74224	0.016706	-1.07271	0.22427	-4.78312	6.02E-06	0.000151	0.158379
ENSG0000 response	Inflamed	SCPEP1	protein_cc chr17	55055466	55084129	+	3853	1439.403	0	-0.49562	0.103639	-4.78215	6.05E-06	0.000152	0.159003
ENSG0000 response	Inflamed	CD37	protein_cc chr19	49838428	49846592	+	4161	1854.384	0	-1.00594	0.210359	-4.78203	6.05E-06	0.000152	0.159079
ENSG0000 response	Inflamed	APOBEC3C	protein_cc chr22	39410088	39416357	+	2818	1847.406	0	-0.57341	0.119935	-4.78099	6.08E-06	0.000152	0.159745
ENSG0000 response	Inflamed	RN7SKP12	misc_RNA chr16	29742372	29742725	-	354	26.67064	0.27685	1.313566	0.274764	4.780704	6.08E-06	0.000152	0.159931
ENSG0000 response	Inflamed	GALNT12	protein_cc chr9	1.02E+08	1.02E+08	+	2824	3677.613	0	1.01883	0.213128	4.780376	6.09E-06	0.000152	0.160143
ENSG0000 response	Inflamed	RP1-29C1	sense_intr chr22	49965912	49969074	-	2379	15.58234	0.076372	-0.89235	0.186695	-4.77971	6.11E-06	0.000152	0.160574
ENSG0000 response	Inflamed	SAMD13	protein_cc chr1	84764049	84855640	+	3589	173.5752	0.002387	0.935563	0.195801	4.77813	6.15E-06	0.000153	0.161602
ENSG0000 response	Inflamed	GRB7	protein_cc chr17	37894180	37903544	+	3597	762.7733	0	0.780312	0.163316	4.777937	6.15E-06	0.000153	0.161728
ENSG0000 response	Inflamed	MSN	protein_cc chrX	64808257	64961791	+	5969	13315.18	0	-0.83185	0.174151	-4.77663	6.18E-06	0.000154	0.162586
ENSG0000 response	Inflamed	ANKH	protein_cc chr5	14704910	14871887	-	10868	3722.637	0	0.430651	0.09016	4.776502	6.19E-06	0.000154	0.162668
ENSG0000 response	Inflamed	ALOX5AP	protein_cc chr13	31309645	31338556	+	1344	519.6754	0	-0.86458	0.18101	-4.77641	6.19E-06	0.000154	0.16273
ENSG0000 response	Inflamed	ENTPD5	protein_cc chr14	74424713	74486102	-	10379	7916.606	0	1.084278	0.227072	4.775043	6.22E-06	0.000154	0.163629
ENSG0000 response	Inflamed	ZDHHC3	protein_cc chr3	44956749	45017677	-	7609	7289.623	0	0.328224	0.068749	4.774214	6.24E-06	0.000155	0.164177
ENSG0000 response	Inflamed	NXPE3	protein_cc chr3	1.01E+08	1.02E+08	+	9474	807.2625	0	-0.98732	0.206857	-4.77297	6.28E-06	0.000155	0.165003
ENSG0000 response	Inflamed	ANO2	protein_cc chr12	5641035	6055398	-	6012	37.40334	0.002387	-0.73121	0.153211	-4.7726	6.29E-06	0.000155	0.165253
ENSG0000 response	Inflamed	GPR141	protein_cc chr7	37723399	37873390	+	2312	42.99523	0.009547	-0.82255	0.172355	-4.77243	6.29E-06	0.000155	0.165362
ENSG0000 response	Inflamed	ARRB2	protein_cc chr17	4613784	4624794	+	4372	2456.453	0	-0.5738	0.120243	-4.77201	6.30E-06	0.000156	0.165647
ENSG0000 response	Inflamed	FYN	protein_cc chr6	1.12E+08	1.12E+08	-	7411	1495.057	0	-0.7793	0.163327	-4.77141	6.32E-06	0.000156	0.166043
ENSG0000 response	Inflamed	PDE1B	protein_cc chr12	54943134	54973023	+	7457	251.7017	0	-0.78619	0.164784	-4.77103	6.33E-06	0.000156	0.166301
ENSG0000 response	Inflamed	SLC41A1	protein_cc chr1	2.06E+08	2.06E+08	-	6357	1071.024	0	-0.72353	0.151667	-4.77049	6.34E-06	0.000156	0.166661
ENSG0000 response	Inflamed	GNGT2	protein_cc chr17	47280153	47287936	-	1689	97.24821	0	-0.5494	0.115172	-4.77031	6.34E-06	0.000156	0.166784
ENSG0000 response	Inflamed	ARG1	protein_cc chr6	1.32E+08	1.32E+08	+	1965	6.293556	0.570406	-1.21907	0.25563	-4.76889	6.38E-06	0.000157	0.167743
ENSG0000 response	Inflamed	RP11-536C	lincRNA chr9	13406379	13433052	-	2576	43.92363	0.081146	-1.28378	0.269298	-4.76713	6.43E-06	0.000158	0.168939
ENSG0000 response	Inflamed	APOBEC3A	protein_cc chr22	39348746	39359188	+	2010	296.2936	0.004773	-1.93854	0.406658	-4.76699	6.43E-06	0.000158	0.169031
ENSG0000 response	Inflamed	PARVG	protein_cc chr22	44568836	44615413	+	8677	1116.136	0	-0.78474	0.16463	-4.76666	6.44E-06	0.000158	0.169257

ENSG0000 response	Inflamed	DOCK2	protein_cc chr5	1.69E+08	1.7E+08 +	12816	2147.623	0	-0.82931	0.174101	-4.76336	6.52E-06	0.00016	0.171521
ENSG0000 response	Inflamed	RP11-126C	antisense chr17	202429	207372 +	748	41.83771	0.016706	0.943855	0.198188	4.762413	6.55E-06	0.00016	0.172181
ENSG0000 response	Inflamed	RP11-63N1	antisense chr1	21912965	21917680 +	821	1.319809	0.747017	-0.66516	0.139762	-4.75924	6.63E-06	0.000162	0.174397
ENSG0000 response	Inflamed	EFCAB4B	protein_cc chr12	3715799	3873985 -	12466	1770.432	0	0.836975	0.175977	4.756168	6.72E-06	0.000164	0.176568
ENSG0000 response	Inflamed	CERS4	protein_cc chr19	8271620	8327305 +	4059	351.4654	0	-0.69384	0.145916	-4.75507	6.75E-06	0.000165	0.177351
ENSG0000 response	Inflamed	MIR223	miRNA chrX	65238712	65238821 +	110	11.34368	0.178998	-1.1518	0.242262	-4.75437	6.76E-06	0.000165	0.177847
ENSG0000 response	Inflamed	WNT5A-AS	antisense chr3	55521727	55522336 +	500	2.642005	0.479714	-0.74628	0.156966	-4.75437	6.76E-06	0.000165	0.177849
ENSG0000 response	Inflamed	IGLV1-50	IG_V_gene chr22	22681658	22682172 +	405	23.31026	0.038186	-1.25146	0.263238	-4.75409	6.77E-06	0.000165	0.17805
ENSG0000 response	Inflamed	INHBB	protein_cc chr2	1.21E+08	1.21E+08 +	3204	133.494	0.016706	-1.09543	0.230434	-4.75377	6.78E-06	0.000165	0.178281
ENSG0000 response	Inflamed	CLEC14A	protein_cc chr14	38723308	38725574 -	2267	649.0573	0	-0.94084	0.197943	-4.75308	6.80E-06	0.000165	0.178776
ENSG0000 response	Inflamed	NRP2	protein_cc chr2	2.07E+08	2.07E+08 +	11380	996.1456	0	-0.98454	0.207204	-4.75153	6.84E-06	0.000166	0.179894
ENSG0000 response	Inflamed	ADAMTS1	protein_cc chr5	33523640	33892297 -	9778	399.852	0	-1.31163	0.276062	-4.75123	6.85E-06	0.000166	0.180113
ENSG0000 response	Inflamed	SPON2	protein_cc chr4	1160720	1202750 -	6013	2675.365	0	-0.85925	0.180912	-4.74956	6.90E-06	0.000167	0.181325
ENSG0000 response	Inflamed	LYN	protein_cc chr8	56792372	56923940 +	3398	3092.625	0	-0.80897	0.170386	-4.74787	6.94E-06	0.000168	0.182569
ENSG0000 response	Inflamed	CD7	protein_cc chr17	80272744	80275478 -	2735	843.6874	0	-0.69048	0.145433	-4.74775	6.95E-06	0.000168	0.182655
ENSG0000 response	Inflamed	DARC	protein_cc chr1	1.59E+08	1.59E+08 +	1954	942.7637	0	-1.15399	0.243079	-4.74741	6.96E-06	0.000168	0.182902
ENSG0000 response	Inflamed	FGFR3	protein_cc chr4	1795034	1810599 +	4834	1824.064	0	0.896821	0.188947	4.746415	6.99E-06	0.000168	0.183637
ENSG0000 response	Inflamed	IL1RN	protein_cc chr2	1.14E+08	1.14E+08 +	3256	3354.305	0	-1.42199	0.299647	-4.74555	7.01E-06	0.000169	0.18428
ENSG0000 response	Inflamed	EPHX3	protein_cc chr19	15337730	15344246 -	2034	44.76134	0	-1.00534	0.211967	-4.74288	7.08E-06	0.000171	0.186264
ENSG0000 response	Inflamed	HCN2	protein_cc chr19	589893	617159 +	3408	37.41289	0.016706	-0.83747	0.176619	-4.74168	7.12E-06	0.000171	0.187164
ENSG0000 response	Inflamed	AL592528	antisense chr21	47247875	47256333 -	3466	2.064439	0.649165	-0.81455	0.171856	-4.73973	7.18E-06	0.000172	0.188644
ENSG0000 response	Inflamed	MT1G	protein_cc chr16	56700643	56701977 -	750	2189.334	0	1.357728	0.286608	4.737231	7.25E-06	0.000174	0.190544
ENSG0000 response	Inflamed	TPST1	protein_cc chr7	65670186	65885530 +	2871	262.2888	0	-0.86603	0.182821	-4.73702	7.25E-06	0.000174	0.190709
ENSG0000 response	Inflamed	DNPEP	protein_cc chr2	2.2E+08	2.2E+08 -	4734	3173.232	0	0.243832	0.051482	4.736257	7.28E-06	0.000174	0.191292
ENSG0000 response	Inflamed	AIFM3	protein_cc chr22	21319396	21335649 +	5332	1813.604	0	1.205739	0.254609	4.735655	7.29E-06	0.000175	0.191755
ENSG0000 response	Inflamed	RUNX3	protein_cc chr1	25226002	25291612 -	4605	1614.346	0	-0.75405	0.159249	-4.73505	7.31E-06	0.000175	0.192218
ENSG0000 response	Inflamed	CXCL17	protein_cc chr19	42932440	42947200 -	1189	26.36277	0.336516	-1.70538	0.360169	-4.73494	7.31E-06	0.000175	0.192309
ENSG0000 response	Inflamed	RP11-595E	protein_cc chr18	19668021	19678741 +	453	6.307876	0.167064	0.773355	0.163391	4.733142	7.37E-06	0.000176	0.193701
ENSG0000 response	Inflamed	PHYH	protein_cc chr10	13319796	13344412 -	3381	1220.198	0	0.522633	0.110425	4.732926	7.37E-06	0.000176	0.193869
ENSG0000 response	Inflamed	FLOT1	protein_cc chr6	30695486	30710510 -	3186	5117.547	0	-0.28611	0.060466	-4.73182	7.41E-06	0.000177	0.19473
ENSG0000 response	Inflamed	SLC17A8	protein_cc chr12	1.01E+08	1.01E+08 +	4272	43.3747	0.126492	1.381015	0.291991	4.729645	7.47E-06	0.000178	0.19644
ENSG0000 response	Inflamed	HTRA1	protein_cc chr10	1.24E+08	1.24E+08 +	2120	1613.315	0	-0.90012	0.190331	-4.72923	7.48E-06	0.000178	0.196771
ENSG0000 response	Inflamed	MGP	protein_cc chr12	15034115	15038860 -	2639	891.2745	0	-1.1842	0.25042	-4.72886	7.50E-06	0.000178	0.197056
ENSG0000 response	Inflamed	HIVEP3	protein_cc chr1	41972036	42501596 -	14224	796.8449	0	-0.73934	0.156391	-4.72749	7.54E-06	0.000179	0.198151
ENSG0000 response	Inflamed	SLC25A23	protein_cc chr19	6436090	6465214 -	4859	6772.198	0	0.687038	0.14535	4.726799	7.56E-06	0.000179	0.198697
ENSG0000 response	Inflamed	RP11-23J1	pseudoger chr12	47529281	47532153 -	603	8.875895	0.088305	-0.78694	0.166503	-4.72628	7.57E-06	0.00018	0.199114
ENSG0000 response	Inflamed	THBS2	protein_cc chr6	1.7E+08	1.7E+08 -	6397	1202.045	0.002387	-1.81829	0.384745	-4.72595	7.58E-06	0.00018	0.199378
ENSG0000 response	Inflamed	CCDC102A	protein_cc chr16	57546090	57570511 -	2582	262.6301	0	-0.85309	0.180603	-4.72359	7.66E-06	0.000181	0.201274
ENSG0000 response	Inflamed	BEST2	protein_cc chr19	12862516	12869272 +	2646	1466.463	0.011933	2.230021	0.472174	4.722879	7.68E-06	0.000182	0.201847
ENSG0000 response	Inflamed	DYRK3	protein_cc chr1	2.07E+08	2.07E+08 +	4218	108.642	0.002387	-0.86954	0.184123	-4.7226	7.69E-06	0.000182	0.202074

ENSG0000 response	Inflamed	GPX7	protein_cc chr1	53068044	53074723	+	1691	214.8568	0	-0.82735	0.175217	-4.72185	7.71E-06	0.000182	0.202684
ENSG0000 response	Inflamed	CTD-2132f	sense_intr chr17	40190250	40190752	-	503	10.84248	0.064439	0.694576	0.147105	4.721621	7.72E-06	0.000182	0.202868
ENSG0000 response	Inflamed	COBL	protein_cc chr7	51083909	51384515	-	14304	2722.737	0	0.836569	0.177182	4.721531	7.72E-06	0.000182	0.202942
ENSG0000 response	Inflamed	TRABD2A	protein_cc chr2	85048774	85134132	-	8771	2907.926	0	1.002198	0.212389	4.718701	7.81E-06	0.000184	0.205258
ENSG0000 response	Inflamed	TWIST2	protein_cc chr2	2.4E+08	2.4E+08	+	1176	84.82816	0.004773	-1.26065	0.267164	-4.71863	7.81E-06	0.000184	0.20532
ENSG0000 response	Inflamed	LAYN	protein_cc chr11	1.11E+08	1.11E+08	+	2938	153.1002	0	-0.70484	0.149393	-4.71805	7.83E-06	0.000184	0.205797
ENSG0000 response	Inflamed	AC110619	pseudoger chr2	2.41E+08	2.41E+08	-	1667	11.68496	0.212411	1.088292	0.230715	4.717046	7.86E-06	0.000184	0.206625
ENSG0000 response	Inflamed	TSPAN15	protein_cc chr10	71211229	71267425	+	2646	4009.695	0	0.414687	0.087939	4.715599	7.91E-06	0.000185	0.207826
ENSG0000 response	Inflamed	AC072052	pseudoger chr7	6530424	6530729	-	306	5.947494	0.212411	0.752108	0.159497	4.715504	7.91E-06	0.000185	0.207906
ENSG0000 response	Inflamed	SIGLEC5	protein_cc chr19	52114781	52150151	-	3319	41.52983	0.038186	-1.33661	0.283508	-4.71455	7.94E-06	0.000186	0.208704
ENSG0000 response	Inflamed	S100A11	protein_cc chr1	1.52E+08	1.52E+08	-	680	12689.97	0	-0.60945	0.129287	-4.71396	7.96E-06	0.000186	0.209195
ENSG0000 response	Inflamed	ADORA2A	protein_cc chr22	24813847	24838328	+	4193	36.29117	0.004773	-0.79822	0.169366	-4.71301	7.99E-06	0.000187	0.209998
ENSG0000 response	Inflamed	GLOD5	protein_cc chrX	48620154	48632064	+	1061	76.26492	0.011933	0.9424	0.199984	4.712384	8.01E-06	0.000187	0.210522
ENSG0000 response	Inflamed	GPR65	protein_cc chr14	88471468	88478419	+	1786	187.3723	0	-0.82552	0.17532	-4.70868	8.13E-06	0.00019	0.21367
ENSG0000 response	Inflamed	GUCY1B3	protein_cc chr4	1.57E+08	1.57E+08	+	3724	332.969	0.002387	-1.18713	0.252149	-4.70805	8.15E-06	0.00019	0.21421
ENSG0000 response	Inflamed	KCNE1L	protein_cc chrX	1.09E+08	1.09E+08	-	1465	7.622912	0.274463	-1.11164	0.236182	-4.70671	8.19E-06	0.000191	0.215358
ENSG0000 response	Inflamed	OSMR	protein_cc chr5	38845960	38945698	+	7174	1785.735	0	-1.13009	0.240116	-4.70644	8.20E-06	0.000191	0.215595
ENSG0000 response	Inflamed	STARD8	protein_cc chrX	67867508	67945684	+	5558	527.6205	0	-0.83235	0.176859	-4.70631	8.20E-06	0.000191	0.215708
ENSG0000 response	Inflamed	CTD-2186f	pseudoger chr5	32222038	32222453	+	416	0.74463	0.799523	-0.5296	0.112532	-4.70618	8.21E-06	0.000191	0.215819
ENSG0000 response	Inflamed	AGT	protein_cc chr1	2.31E+08	2.31E+08	-	2291	1061.215	0	-1.14108	0.242574	-4.70405	8.28E-06	0.000192	0.21767
ENSG0000 response	Inflamed	CEACAM1f	protein_cc chr19	45202421	45213986	+	1702	2.97136	0.460621	0.660565	0.140425	4.704035	8.28E-06	0.000192	0.21768
ENSG0000 response	Inflamed	RP11-625L	antisense chr12	24983355	24989492	+	451	7.696897	0.362768	-1.13038	0.240307	-4.7039	8.28E-06	0.000192	0.217795
ENSG0000 response	Inflamed	CXorf21	protein_cc chrX	30576941	30595961	-	1855	123.0215	0.002387	-0.9347	0.198738	-4.70318	8.31E-06	0.000192	0.218429
ENSG0000 response	Inflamed	C19orf35	protein_cc chr19	2274631	2282181	-	2767	75.22196	0.002387	-0.88075	0.187297	-4.70244	8.33E-06	0.000193	0.219071
ENSG0000 response	Inflamed	TYROBP	protein_cc chr19	36395303	36399197	-	907	1692.654	0	-0.79851	0.16981	-4.70236	8.34E-06	0.000193	0.219146
ENSG0000 response	Inflamed	RNASE2	protein_cc chr14	21423611	21424595	+	755	21.95704	0.069212	-1.13222	0.241011	-4.6978	8.49E-06	0.000196	0.223179
ENSG0000 response	Inflamed	IGHV1-46	IG_V_gene chr14	1.07E+08	1.07E+08	-	655	4421.845	0	-1.48106	0.315289	-4.69747	8.50E-06	0.000196	0.223471
ENSG0000 response	Inflamed	PXDC1	protein_cc chr6	3722848	3752260	-	2474	630.6563	0	-0.58881	0.125378	-4.69629	8.54E-06	0.000197	0.224533
ENSG0000 response	Inflamed	RIMBP3B	protein_cc chr22	21737663	21743446	+	5784	4.74463	0.178998	-0.70291	0.149675	-4.69623	8.54E-06	0.000197	0.224588
ENSG0000 response	Inflamed	PTHLH	protein_cc chr12	28111017	28125638	-	3377	88.2864	0.033413	-1.59261	0.339321	-4.69352	8.64E-06	0.000199	0.227033
ENSG0000 response	Inflamed	PPCDC	protein_cc chr15	75315896	75409803	+	3781	485.611	0	-0.38238	0.081479	-4.69301	8.65E-06	0.000199	0.227497
ENSG0000 response	Inflamed	DENND1C	protein_cc chr19	6467218	6482568	-	4657	980.3341	0	-0.72172	0.153809	-4.69228	8.68E-06	0.000199	0.228155
ENSG0000 response	Inflamed	SLAMF9	protein_cc chr1	1.6E+08	1.6E+08	-	1156	5.673031	0.403341	-0.96201	0.205038	-4.69186	8.69E-06	0.000199	0.228541
ENSG0000 response	Inflamed	IGKV1-12	IG_V_gene chr2	89339721	89340242	-	398	5915.943	0	-1.45205	0.309485	-4.69183	8.69E-06	0.000199	0.228569
ENSG0000 response	Inflamed	IGLV2-23	IG_V_gene chr22	23040274	23040892	+	502	16239.5	0	-1.39432	0.297231	-4.69102	8.72E-06	0.0002	0.229309
ENSG0000 response	Inflamed	PFKFB3	protein_cc chr10	6186881	6277495	+	5534	5324.506	0	-1.08265	0.230801	-4.69086	8.73E-06	0.0002	0.229457
ENSG0000 response	Inflamed	PMCH	protein_cc chr12	1.03E+08	1.03E+08	-	766	1.754177	0.689737	-0.67545	0.143999	-4.69068	8.73E-06	0.0002	0.229624
ENSG0000 response	Inflamed	SERPINH1	protein_cc chr11	75273101	75283828	+	4914	5761.453	0	-0.67862	0.144686	-4.69034	8.75E-06	0.0002	0.229935
ENSG0000 response	Inflamed	TNFAIP8L1	protein_cc chr19	4639530	4655580	+	6667	966.3246	0	-0.51118	0.108993	-4.69005	8.76E-06	0.0002	0.230204
ENSG0000 response	Inflamed	IGHV5-51	IG_V_gene chr14	1.07E+08	1.07E+08	-	410	11849.12	0	-1.28138	0.273463	-4.68574	8.91E-06	0.000203	0.2342

ENSG0000 response	Inflamed	SNAI1	protein_cc chr20	48599536	48605423	+	1686	195.7446	0.002387	-1.16848	0.249456	-4.68413	8.97E-06	0.000204	0.235706
ENSG0000 response	Inflamed	SELENBP1	protein_cc chr1	1.51E+08	1.51E+08	-	3504	20717.5	0	1.021604	0.218155	4.682919	9.01E-06	0.000205	0.236853
ENSG0000 response	Inflamed	SIX2	protein_cc chr2	45232300	45236569	-	2205	7.749403	0.245823	-1.08888	0.232534	-4.68267	9.02E-06	0.000205	0.237085
ENSG0000 response	Inflamed	IGFBP5	protein_cc chr2	2.18E+08	2.18E+08	-	6442	29509.17	0	-1.35041	0.288441	-4.68175	9.05E-06	0.000206	0.23796
ENSG0000 response	Inflamed	PHACTR1	protein_cc chr6	12717893	13288645	+	8489	182.8091	0.002387	-0.85255	0.182101	-4.68171	9.05E-06	0.000206	0.237996
ENSG0000 response	Inflamed	MEF2B	protein_cc chr19	19256377	19303400	-	2724	54.1074	0	-0.86998	0.185853	-4.68102	9.08E-06	0.000206	0.238656
ENSG0000 response	Inflamed	FCGR1A	protein_cc chr1	1.5E+08	1.5E+08	+	2998	118.0024	0.002387	-1.13609	0.242785	-4.67939	9.14E-06	0.000207	0.240209
ENSG0000 response	Inflamed	LINC00847	lincRNA chr5	1.8E+08	1.8E+08	+	2453	550.6086	0	-0.36959	0.079	-4.67841	9.17E-06	0.000208	0.241151
ENSG0000 response	Inflamed	NRARP	protein_cc chr9	1.4E+08	1.4E+08	-	2621	5543.547	0	0.68618	0.146673	4.678289	9.18E-06	0.000208	0.241271
ENSG0000 response	Inflamed	IL17A	protein_cc chr6	52051185	52055436	+	1859	51.1432	0.143198	-1.47576	0.315472	-4.67795	9.19E-06	0.000208	0.241594
ENSG0000 response	Inflamed	AC073072	antisense chr7	22765014	22767239	-	1364	6.054893	0.357995	-0.95838	0.204936	-4.67648	9.24E-06	0.000209	0.243022
ENSG0000 response	Inflamed	AC074289	antisense chr2	64370373	64479993	+	2453	131.0716	0	-1.14005	0.243866	-4.67491	9.30E-06	0.00021	0.244547
ENSG0000 response	Inflamed	S1PR1	protein_cc chr1	1.02E+08	1.02E+08	+	3071	892.8663	0.002387	-1.04607	0.223764	-4.67487	9.30E-06	0.00021	0.244584
ENSG0000 response	Inflamed	SUCLG1	protein_cc chr2	84650647	84687169	-	4286	2937.94	0	0.516581	0.110509	4.674566	9.31E-06	0.00021	0.244882
ENSG0000 response	Inflamed	CEP128	protein_cc chr14	80943330	81425861	-	9495	168.4821	0	-1.04972	0.224574	-4.67425	9.33E-06	0.00021	0.245191
ENSG0000 response	Inflamed	PRKCDBP	protein_cc chr11	6340176	6341877	-	1672	674.7876	0	-0.988	0.21144	-4.67275	9.38E-06	0.000211	0.24666
ENSG0000 response	Inflamed	SOWAHA	protein_cc chr5	1.32E+08	1.32E+08	+	3456	1046.301	0	1.158018	0.247826	4.6727	9.38E-06	0.000211	0.246711
ENSG0000 response	Inflamed	AC006042	pseudoger chr7	8019943	8021859	+	1469	20.98807	0.124105	-1.36142	0.291462	-4.67102	9.45E-06	0.000212	0.24837
ENSG0000 response	Inflamed	RP11-316F	lincRNA chr9	92316566	92334585	+	822	6.687351	0.224344	-0.83109	0.17793	-4.67092	9.45E-06	0.000212	0.248471
ENSG0000 response	Inflamed	MCAM	protein_cc chr11	1.19E+08	1.19E+08	-	7420	2872.305	0	-0.98131	0.210102	-4.67061	9.46E-06	0.000212	0.248771
ENSG0000 response	Inflamed	ENPP2	protein_cc chr8	1.21E+08	1.21E+08	-	6729	1738.874	0	-0.86418	0.185071	-4.66947	9.51E-06	0.000213	0.249913
ENSG0000 response	Inflamed	KMO	protein_cc chr1	2.42E+08	2.42E+08	+	5946	87.57041	0.004773	-1.04207	0.223197	-4.66884	9.53E-06	0.000213	0.250538
ENSG0000 response	Inflamed	IL2RB	protein_cc chr22	37521878	37571094	-	4700	1723.47	0	-0.7684	0.164598	-4.66834	9.55E-06	0.000213	0.251037
ENSG0000 response	Inflamed	RPL10L	protein_cc chr14	47120222	47121028	-	807	19.14081	0.107399	1.070217	0.229282	4.667691	9.57E-06	0.000213	0.251687
ENSG0000 response	Inflamed	KIAA1324	protein_cc chr1	1.1E+08	1.1E+08	+	9298	7087.931	0	0.91431	0.195881	4.667673	9.57E-06	0.000213	0.251704
ENSG0000 response	Inflamed	GRAP	protein_cc chr17	18923986	18950950	-	3107	377.1122	0	-0.89148	0.19099	-4.66767	9.57E-06	0.000213	0.25171
ENSG0000 response	Inflamed	OTC	protein_cc chrX	38211798	38280703	+	1585	119.0119	0.016706	1.419078	0.304057	4.667139	9.59E-06	0.000214	0.25224
ENSG0000 response	Inflamed	PXMP2	protein_cc chr12	1.33E+08	1.33E+08	+	2051	668.5513	0	0.691196	0.148169	4.664908	9.68E-06	0.000215	0.254493
ENSG0000 response	Inflamed	CTD-2540f	lincRNA chr19	33795942	33800293	+	404	9.699284	0.085919	0.699014	0.149848	4.664814	9.68E-06	0.000215	0.254589
ENSG0000 response	Inflamed	TNIP3	protein_cc chr4	1.22E+08	1.22E+08	-	3768	588.3986	0.00716	-2.11843	0.454211	-4.66399	9.72E-06	0.000216	0.255429
ENSG0000 response	Inflamed	GPR153	protein_cc chr1	6307406	6321035	-	4082	3083.709	0	0.660198	0.141587	4.662838	9.76E-06	0.000217	0.256601
ENSG0000 response	Inflamed	PLEKHG6	protein_cc chr12	6419602	6437672	+	4260	3806.47	0	1.069543	0.229481	4.660708	9.84E-06	0.000218	0.258786
ENSG0000 response	Inflamed	CDH6	protein_cc chr5	31193857	31329253	+	12379	107.4964	0.009547	-0.92691	0.198919	-4.65974	9.88E-06	0.000219	0.259788
ENSG0000 response	Inflamed	CCDC71L	protein_cc chr7	1.06E+08	1.06E+08	-	4232	1253.31	0	-0.72201	0.154959	-4.65934	9.90E-06	0.000219	0.2602
ENSG0000 response	Inflamed	RP11-680f	antisense chr12	53692449	53694098	-	637	7.811456	0.150358	-0.94085	0.201947	-4.65891	9.91E-06	0.000219	0.260642
ENSG0000 response	Inflamed	IGLV1-51	IG_V_gene chr22	22676828	22677336	+	400	11144.61	0	-1.44779	0.310773	-4.65867	9.92E-06	0.000219	0.26089
ENSG0000 response	Inflamed	04-Sep	protein_cc chr17	56597611	56618179	-	8012	274.7064	0	-0.78353	0.168245	-4.65707	9.99E-06	0.000221	0.262558
ENSG0000 response	Inflamed	BID	protein_cc chr22	18216906	18257536	-	4418	962.8353	0	-0.43445	0.093294	-4.65682	1.00E-05	0.000221	0.262823
ENSG0000 response	Inflamed	KCNK12	protein_cc chr2	47743720	47798078	-	6685	54.25776	0.004773	-1.01518	0.218027	-4.65622	1.00E-05	0.000221	0.26345
ENSG0000 response	Inflamed	CDKN2D	protein_cc chr19	10677138	10679735	-	1503	296.2291	0	-0.54859	0.117838	-4.65542	1.01E-05	0.000221	0.264288

ENSG0000 response	Inflamed	LDLRAD2	protein_cc chr1	22138758	22151714	+	4490	102.9045	0.00716	-1.0112	0.217212	-4.65536	1.01E-05	0.000221	0.264358
ENSG0000 response	Inflamed	NUDT16P	pseudoger chr3	1.31E+08	1.31E+08	+	2312	413.8115	0	0.538776	0.115747	4.654759	1.01E-05	0.000222	0.264987
ENSG0000 response	Inflamed	MSNP1	pseudoger chr5	25909612	25911343	+	1732	5.229117	0.157518	-0.70793	0.152111	-4.65401	1.01E-05	0.000222	0.265778
ENSG0000 response	Inflamed	ROBO4	protein_cc chr11	1.25E+08	1.25E+08	-	7033	958.6993	0	-0.97456	0.209422	-4.65357	1.01E-05	0.000222	0.266247
ENSG0000 response	Inflamed	HIST1H2BJ	protein_cc chr6	27093676	27100541	-	1100	47.37947	0	-0.61938	0.133147	-4.65182	1.02E-05	0.000224	0.268098
ENSG0000 response	Inflamed	COL4A2	protein_cc chr13	1.11E+08	1.11E+08	+	7885	20230.32	0	-1.00492	0.216037	-4.65162	1.02E-05	0.000224	0.268317
ENSG0000 response	Inflamed	DSCAML1	protein_cc chr11	1.17E+08	1.18E+08	-	7035	78.03819	0.01432	1.082562	0.232732	4.651534	1.02E-05	0.000224	0.268409
ENSG0000 response	Inflamed	RP5-857K2	pseudoger chr1	569756	570302	+	547	5465.215	0	0.700728	0.15065	4.651361	1.02E-05	0.000224	0.268594
ENSG0000 response	Inflamed	KIR3DX1	protein_cc chr19	55043909	55057053	+	5199	15.97375	0.052506	-0.93378	0.200807	-4.65015	1.03E-05	0.000224	0.26989
ENSG0000 response	Inflamed	AC091878	antisense chr5	17130137	17217156	-	2941	3.138425	0.513126	-0.86053	0.185061	-4.65	1.03E-05	0.000224	0.270053
ENSG0000 response	Inflamed	ESPN	protein_cc chr1	6484848	6521430	+	4109	1556.601	0	1.16818	0.251256	4.649361	1.03E-05	0.000225	0.270739
ENSG0000 response	Inflamed	CTC-205M	sense_ove chr5	1.8E+08	1.8E+08	-	3088	114.7876	0.009547	-0.79776	0.171662	-4.64729	1.04E-05	0.000227	0.272979
ENSG0000 response	Inflamed	AC005789	lincRNA chr19	38888821	38890521	+	1701	26.68496	0.026253	-0.94413	0.203191	-4.64651	1.04E-05	0.000227	0.273822
ENSG0000 response	Inflamed	VMO1	protein_cc chr17	4688580	4689728	-	803	83.21718	0	-0.87225	0.187746	-4.64592	1.04E-05	0.000227	0.274465
ENSG0000 response	Inflamed	CD79A	protein_cc chr19	42381190	42385439	+	1503	4882.124	0	-1.26375	0.272033	-4.6456	1.05E-05	0.000227	0.274818
ENSG0000 response	Inflamed	ZBTB7C	protein_cc chr18	45553044	45937123	-	7648	3780.327	0	0.918656	0.197758	4.645347	1.05E-05	0.000227	0.275093
ENSG0000 response	Inflamed	AOX1	protein_cc chr2	2.01E+08	2.02E+08	+	5552	165.9523	0.011933	-1.4212	0.305945	-4.64527	1.05E-05	0.000227	0.275178
ENSG0000 response	Inflamed	CAMP	protein_cc chr3	48264837	48266981	+	745	8.221957	0.25537	-1.04476	0.224913	-4.64519	1.05E-05	0.000227	0.275268
ENSG0000 response	Inflamed	MX2	protein_cc chr21	42733870	42781317	+	13175	902.3222	0	-0.90986	0.195915	-4.64415	1.05E-05	0.000228	0.2764
ENSG0000 response	Inflamed	EDN3	protein_cc chr20	57875482	57901047	+	2675	1538.492	0.004773	1.262538	0.271855	4.644152	1.05E-05	0.000228	0.276403
ENSG0000 response	Inflamed	RAB40C	protein_cc chr16	639357	679272	+	4180	1813.069	0	0.386176	0.08316	4.643786	1.05E-05	0.000228	0.276805
ENSG0000 response	Inflamed	PLXND1	protein_cc chr3	1.29E+08	1.29E+08	-	9738	4803.098	0	-0.8257	0.177829	-4.64326	1.06E-05	0.000228	0.277382
ENSG0000 response	Inflamed	DUSP7	protein_cc chr3	52082935	52090566	-	5648	1340.737	0	-0.53693	0.115676	-4.64165	1.06E-05	0.00023	0.279159
ENSG0000 response	Inflamed	FOXD2-AS1	antisense chr1	47897805	47900313	-	2509	512.9499	0	0.747849	0.161131	4.641252	1.06E-05	0.00023	0.279607
ENSG0000 response	Inflamed	BRSK1	protein_cc chr19	55793440	55823901	+	3841	134.9666	0	-0.84047	0.181092	-4.64112	1.06E-05	0.00023	0.279753
ENSG0000 response	Inflamed	MAOA	protein_cc chrX	43515467	43606068	+	4213	7999.68	0	1.009651	0.21755	4.641012	1.06E-05	0.00023	0.279873
ENSG0000 response	Inflamed	GPRIN1	protein_cc chr5	1.76E+08	1.76E+08	-	4211	167.4415	0.002387	-0.7203	0.155213	-4.64069	1.07E-05	0.00023	0.280234
ENSG0000 response	Inflamed	CACFD1	protein_cc chr9	1.36E+08	1.36E+08	+	3518	3211.857	0	0.551393	0.118821	4.640536	1.07E-05	0.00023	0.280403
ENSG0000 response	Inflamed	MT-RNR2	Mt_rRNA chrM	1671	3229	+	1559	1122924	0	0.81514	0.175715	4.638983	1.07E-05	0.000231	0.282137
ENSG0000 response	Inflamed	SH3PXD2B	protein_cc chr5	1.72E+08	1.72E+08	-	7977	3104.971	0	-0.73949	0.15948	-4.63692	1.08E-05	0.000233	0.284462
ENSG0000 response	Inflamed	VIM-AS1	antisense chr10	17256238	17271984	-	1992	93.07399	0.002387	-0.72127	0.155611	-4.63512	1.09E-05	0.000234	0.2865
ENSG0000 response	Inflamed	NT5DC4	protein_cc chr2	1.13E+08	1.14E+08	+	4225	26.53938	0.078759	-1.33384	0.287784	-4.63486	1.09E-05	0.000234	0.286791
ENSG0000 response	Inflamed	DOK5	protein_cc chr20	53092136	53267710	+	2604	27.99045	0.031026	-0.94836	0.204621	-4.63474	1.09E-05	0.000234	0.286927
ENSG0000 response	Inflamed	COQ9	protein_cc chr16	57481337	57495187	+	4324	2032.628	0	0.382616	0.082556	4.634601	1.09E-05	0.000234	0.287089
ENSG0000 response	Inflamed	BEST1	protein_cc chr11	61717293	61732987	+	8930	294.3795	0	-0.909	0.196139	-4.6345	1.09E-05	0.000234	0.287207
ENSG0000 response	Inflamed	VEGFC	protein_cc chr4	1.78E+08	1.78E+08	-	2423	153.4153	0.004773	-0.97343	0.210107	-4.633	1.10E-05	0.000235	0.288918
ENSG0000 response	Inflamed	ENDOD1	protein_cc chr11	94822974	94865809	+	4687	3218.8	0	0.833994	0.18002	4.632786	1.10E-05	0.000235	0.289165
ENSG0000 response	Inflamed	RP11-420L	antisense chr6	3751345	3754105	+	2761	68.39857	0.002387	-0.71801	0.155035	-4.63126	1.11E-05	0.000236	0.290924
ENSG0000 response	Inflamed	FZD5	protein_cc chr2	2.09E+08	2.09E+08	-	6708	4736.234	0	0.867364	0.18731	4.630631	1.11E-05	0.000237	0.291648
ENSG0000 response	Inflamed	ADORA1	protein_cc chr1	2.03E+08	2.03E+08	+	4191	181.7279	0.002387	-0.82438	0.178042	-4.63028	1.11E-05	0.000237	0.292052

ENSG0000 response	Inflamed	CKB	protein_cc chr14	1.04E+08	1.04E+08	-	2669	26282.63	0	1.487898	0.321497	4.62803	1.12E-05	0.000239	0.294673
ENSG0000 response	Inflamed	TRIB2	protein_cc chr2	12857015	12882860	+	4588	1697.695	0	-1.01545	0.219422	-4.62786	1.12E-05	0.000239	0.294867
ENSG0000 response	Inflamed	LIN7A	protein_cc chr12	81186299	81331704	-	6795	76.3031	0.002387	-1.08959	0.235464	-4.62741	1.12E-05	0.000239	0.295397
ENSG0000 response	Inflamed	AC091132	antisense chr17	43530210	43541431	+	769	19.1074	0.064439	-1.01727	0.21987	-4.62668	1.13E-05	0.000239	0.29626
ENSG0000 response	Inflamed	C10orf128	protein_cc chr10	50362773	50396630	-	4120	544.9666	0	-0.60059	0.129825	-4.62616	1.13E-05	0.00024	0.29687
ENSG0000 response	Inflamed	PLCD3	protein_cc chr17	43186335	43210721	-	6750	11066.26	0	0.702821	0.151924	4.626123	1.13E-05	0.00024	0.29691
ENSG0000 response	Inflamed	RP11-327F	antisense chr16	50769624	50774627	-	1150	40.85442	0.00716	-0.94561	0.204414	-4.62595	1.13E-05	0.00024	0.297112
ENSG0000 response	Inflamed	CDK20	protein_cc chr9	90581356	90589668	-	5727	349.6516	0	0.615774	0.133142	4.624931	1.13E-05	0.00024	0.298316
ENSG0000 response	Inflamed	AMPH	protein_cc chr7	38423305	38671167	-	5636	128.4606	0.004773	-0.83602	0.180823	-4.62343	1.14E-05	0.000242	0.300095
ENSG0000 response	Inflamed	RASA3	protein_cc chr13	1.15E+08	1.15E+08	-	4352	1623.272	0	-0.68706	0.14866	-4.62173	1.15E-05	0.000243	0.302131
ENSG0000 response	Inflamed	AGAP2	protein_cc chr12	58118980	58135940	-	5292	559.4272	0	-0.83742	0.181243	-4.62041	1.16E-05	0.000244	0.303715
ENSG0000 response	Inflamed	SHKBP1	protein_cc chr19	41082757	41097305	+	3936	3452.442	0	-0.38312	0.082928	-4.61997	1.16E-05	0.000244	0.304238
ENSG0000 response	Inflamed	MYBPC3	protein_cc chr11	47352957	47374253	-	4268	24.85442	0.047733	-1.09991	0.238286	-4.61595	1.18E-05	0.000248	0.309125
ENSG0000 response	Inflamed	CSRP2	protein_cc chr12	77252495	77272840	-	5873	306.6563	0	-0.92673	0.200805	-4.61506	1.18E-05	0.000249	0.310219
ENSG0000 response	Inflamed	SFTA2	protein_cc chr6	30899130	30899952	-	691	3.868735	0.575179	-0.92616	0.200701	-4.61463	1.18E-05	0.000249	0.310737
ENSG0000 response	Inflamed	IL15RA	protein_cc chr10	5990855	6020150	-	3168	1020.833	0	-0.53065	0.114995	-4.61449	1.18E-05	0.000249	0.31091
ENSG0000 response	Inflamed	CD1A	protein_cc chr1	1.58E+08	1.58E+08	+	2096	20.43675	0.069212	-0.9245	0.200415	-4.61294	1.19E-05	0.00025	0.312825
ENSG0000 response	Inflamed	IGHV1-17	IG_V_pseu chr14	1.07E+08	1.07E+08	-	334	10.70883	0.116945	-1.08926	0.236178	-4.61203	1.19E-05	0.000251	0.313964
ENSG0000 response	Inflamed	ACAP1	protein_cc chr17	7239848	7254797	+	7421	1470.544	0	-0.8318	0.180377	-4.61148	1.20E-05	0.000251	0.314638
ENSG0000 response	Inflamed	PPP1R16B	protein_cc chr20	37434348	37551667	+	6400	2725.857	0	-0.76181	0.165207	-4.61126	1.20E-05	0.000251	0.314913
ENSG0000 response	Inflamed	B3GNT7	protein_cc chr2	2.32E+08	2.32E+08	+	3806	9072.542	0	1.313157	0.284774	4.61123	1.20E-05	0.000251	0.314954
ENSG0000 response	Inflamed	SOX17	protein_cc chr8	55370495	55373448	+	2342	115.1289	0.00716	-1.07463	0.233121	-4.60974	1.21E-05	0.000252	0.31682
ENSG0000 response	Inflamed	AC061992	lincRNA chr17	76311810	76343879	+	1145	10.04296	0.095465	-0.93206	0.202203	-4.60951	1.21E-05	0.000252	0.317107
ENSG0000 response	Inflamed	FBXL14	protein_cc chr12	1675159	1703331	-	2287	1099.203	0	0.482937	0.104785	4.608855	1.21E-05	0.000253	0.317929
ENSG0000 response	Inflamed	BAG1	protein_cc chr9	33247818	33264761	-	7108	3422.721	0	0.372455	0.080844	4.607093	1.22E-05	0.000254	0.320153
ENSG0000 response	Inflamed	GALNT14	protein_cc chr2	31133333	31378068	-	4567	49.821	0.047733	-1.34762	0.292587	-4.60589	1.22E-05	0.000256	0.321676
ENSG0000 response	Inflamed	RAB34	protein_cc chr17	27041299	27045447	-	3328	789.7422	0	-0.72998	0.158516	-4.60508	1.23E-05	0.000256	0.322715
ENSG0000 response	Inflamed	CCR7	protein_cc chr17	38710021	38721724	-	2508	573.3031	0	-1.38013	0.299742	-4.60438	1.23E-05	0.000257	0.3236
ENSG0000 response	Inflamed	COL6A3	protein_cc chr2	2.38E+08	2.38E+08	-	19624	27544.11	0	-1.10109	0.239172	-4.60378	1.23E-05	0.000257	0.324381
ENSG0000 response	Inflamed	NANS	protein_cc chr9	1.01E+08	1.01E+08	+	4922	4206.236	0	0.461136	0.100187	4.602747	1.24E-05	0.000258	0.325702
ENSG0000 response	Inflamed	TINF2	protein_cc chr14	24708849	24711880	-	2712	1855.43	0	-0.2874	0.062462	-4.60117	1.25E-05	0.000259	0.327737
ENSG0000 response	Inflamed	Mt-TL1	Mt_trNA chrM	3230	3304	+	75	1825.912	0	0.716326	0.155684	4.601151	1.25E-05	0.000259	0.327764
ENSG0000 response	Inflamed	FAM127C	protein_cc chrX	1.34E+08	1.34E+08	-	2017	225.1313	0.002387	-0.73315	0.159361	-4.60058	1.25E-05	0.000259	0.328506
ENSG0000 response	Inflamed	UGT2B7	protein_cc chr4	69917081	69978705	+	2259	98.43198	0.016706	1.005378	0.218574	4.599719	1.25E-05	0.00026	0.329624
ENSG0000 response	Inflamed	SLC1A4	protein_cc chr2	65215611	65250999	+	6939	2935.217	0	-0.60283	0.131131	-4.59714	1.27E-05	0.000263	0.332999
ENSG0000 response	Inflamed	MPO	protein_cc chr17	56347217	56358296	-	3622	8.334129	0.069212	-0.69282	0.150714	-4.59691	1.27E-05	0.000263	0.333302
ENSG0000 response	Inflamed	CLRN3	protein_cc chr10	1.3E+08	1.3E+08	-	1152	1802.494	0	1.038583	0.226	4.595508	1.27E-05	0.000264	0.335154
ENSG0000 response	Inflamed	IGHV3-13	IG_V_gene chr14	1.07E+08	1.07E+08	-	428	1384.322	0.002387	-1.43254	0.311812	-4.59426	1.28E-05	0.000265	0.336805
ENSG0000 response	Inflamed	SYT11	protein_cc chr1	1.56E+08	1.56E+08	+	5240	648.6921	0	-0.81489	0.177383	-4.59394	1.28E-05	0.000265	0.337241
ENSG0000 response	Inflamed	IGLV3-25	IG_V_gene chr22	23029190	23029735	+	380	6859.384	0	-1.53584	0.33433	-4.59378	1.28E-05	0.000265	0.337448

ENSG0000 response	Inflamed	LHX4	protein_cc chr1	1.8E+08	1.8E+08	+	7324	76.179	0.00716	1.188343	0.258808	4.591595	1.29E-05	0.000267	0.340374
ENSG0000 response	Inflamed	CSTF3-AS1	antisense chr11	33183203	33213144	+	2062	3.389021	0.295943	-0.63361	0.138001	-4.59134	1.30E-05	0.000267	0.340717
ENSG0000 response	Inflamed	SELM	protein_cc chr22	31500758	31516055	-	3187	1417.453	0	-0.72982	0.158982	-4.5906	1.30E-05	0.000268	0.341709
ENSG0000 response	Inflamed	IL16	protein_cc chr15	81451916	81605104	+	10875	2563.768	0	-0.75161	0.163739	-4.59027	1.30E-05	0.000268	0.342157
ENSG0000 response	Inflamed	LRRC14B	protein_cc chr5	191626	195468	+	1573	5.673031	0.186158	-0.82305	0.179312	-4.59004	1.30E-05	0.000268	0.342474
ENSG0000 response	Inflamed	IGHV1-24	IG_V_gene chr14	1.07E+08	1.07E+08	-	411	3828.16	0	-1.64861	0.359196	-4.58973	1.30E-05	0.000268	0.342885
ENSG0000 response	Inflamed	SYDE1	protein_cc chr19	15218214	15225799	+	3965	763.3437	0	-0.83289	0.181479	-4.58948	1.31E-05	0.000268	0.343232
ENSG0000 response	Inflamed	QPCTL	protein_cc chr19	46195741	46207247	+	2396	569.6802	0	-0.44087	0.096071	-4.58901	1.31E-05	0.000268	0.343862
ENSG0000 response	Inflamed	TPRG1L	protein_cc chr1	3541566	3546691	+	2414	3689.589	0	0.354605	0.077302	4.58727	1.32E-05	0.00027	0.346235
ENSG0000 response	Inflamed	FHL3	protein_cc chr1	38462442	38471278	-	2004	509.7828	0	-0.70497	0.153715	-4.5862	1.32E-05	0.000271	0.347696
ENSG0000 response	Inflamed	GLTP	protein_cc chr12	1.1E+08	1.1E+08	-	2696	2408.749	0	0.430355	0.093856	4.585276	1.33E-05	0.000271	0.34897
ENSG0000 response	Inflamed	ANKLE1	protein_cc chr19	17392454	17398455	+	3569	48.37232	0.016706	-0.83547	0.182209	-4.58524	1.33E-05	0.000271	0.349022
ENSG0000 response	Inflamed	SRPR	protein_cc chr11	1.26E+08	1.26E+08	-	4167	8540.143	0	-0.40876	0.08915	-4.58509	1.33E-05	0.000271	0.349228
ENSG0000 response	Inflamed	TTR	protein_cc chr18	29171689	29178974	+	2070	18.71599	0.042959	0.963354	0.210111	4.584979	1.33E-05	0.000271	0.349379
ENSG0000 response	Inflamed	SOCS1	protein_cc chr16	11348262	11350036	-	1225	621.043	0	-1.00254	0.21868	-4.58449	1.33E-05	0.000272	0.350053
ENSG0000 response	Inflamed	RRAGD	protein_cc chr6	90074355	90121989	-	5072	230.2148	0	-0.54963	0.119903	-4.584	1.33E-05	0.000272	0.350732
ENSG0000 response	Inflamed	SUSD3	protein_cc chr9	95820989	95847420	+	1244	222.0072	0	-0.78931	0.17219	-4.58398	1.33E-05	0.000272	0.350754
ENSG0000 response	Inflamed	IGLC7	IG_C_gene chr22	23264766	23265203	+	438	3502.339	0	-1.40314	0.306147	-4.58324	1.34E-05	0.000272	0.351782
ENSG0000 response	Inflamed	RP5-1013A	lincRNA chr20	43062837	43063236	+	400	16.06444	0.047733	0.836316	0.182477	4.583128	1.34E-05	0.000272	0.351939
ENSG0000 response	Inflamed	IGHV4-61	IG_V_gene chr14	1.07E+08	1.07E+08	-	455	3810.208	0	-1.43759	0.313805	-4.58117	1.35E-05	0.000274	0.354668
ENSG0000 response	Inflamed	HHEX	protein_cc chr10	94447945	94455403	+	4772	378.5585	0	-0.75485	0.1648	-4.5804	1.35E-05	0.000275	0.355746
ENSG0000 response	Inflamed	WNT7A	protein_cc chr3	13857755	13921618	-	4579	5.470167	0.501193	-1.21149	0.264612	-4.57836	1.36E-05	0.000277	0.358623
ENSG0000 response	Inflamed	SOD2	protein_cc chr6	1.6E+08	1.6E+08	-	18985	18554.67	0	-1.07423	0.23469	-4.57721	1.37E-05	0.000278	0.360253
ENSG0000 response	Inflamed	ENO2	protein_cc chr12	7022909	7032861	+	4281	745.2053	0	-0.69329	0.151472	-4.57704	1.37E-05	0.000278	0.360491
ENSG0000 response	Inflamed	C8orf47	protein_cc chr8	99076539	99105838	+	1761	33.6969	0.031026	0.981231	0.214399	4.576667	1.37E-05	0.000278	0.361019
ENSG0000 response	Inflamed	KRT6A	protein_cc chr12	52880958	52887041	-	2928	442.5251	0.322196	-2.77354	0.606047	-4.57644	1.37E-05	0.000278	0.361341
ENSG0000 response	Inflamed	GLIPR1	protein_cc chr12	75874460	75897633	+	6273	707.9547	0	-0.82101	0.179401	-4.5764	1.37E-05	0.000278	0.361401
ENSG0000 response	Inflamed	IGHV3-53	IG_V_gene chr14	1.07E+08	1.07E+08	-	569	2820.613	0	-1.46286	0.31969	-4.57588	1.38E-05	0.000278	0.36214
ENSG0000 response	Inflamed	CTD-2555A	antisense chr16	89179583	89181687	-	2105	7.152745	0.162291	-0.78034	0.17059	-4.57433	1.39E-05	0.00028	0.364363
ENSG0000 response	Inflamed	IGLV3-19	IG_V_gene chr22	23063108	23063630	+	377	8891.539	0	-1.34734	0.29455	-4.57423	1.39E-05	0.00028	0.364508
ENSG0000 response	Inflamed	PSPH	protein_cc chr7	56078744	56119297	-	2762	229.043	0	-0.3221	0.070429	-4.57332	1.39E-05	0.00028	0.365813
ENSG0000 response	Inflamed	INPP5J	protein_cc chr22	31518717	31530682	+	4822	937.1838	0	0.957973	0.209473	4.573246	1.39E-05	0.00028	0.365919
ENSG0000 response	Inflamed	KCNG2	protein_cc chr18	77623668	77660184	+	2162	10.92363	0.147971	-0.93816	0.205165	-4.57272	1.39E-05	0.000281	0.366683
ENSG0000 response	Inflamed	UQCRC1	protein_cc chr3	48636435	48648409	-	3236	9347.998	0	0.385228	0.084255	4.572167	1.40E-05	0.000281	0.367476
ENSG0000 response	Inflamed	HSD11B2	protein_cc chr16	67464555	67471456	+	2674	14563.62	0	1.334898	0.29197	4.57204	1.40E-05	0.000281	0.36766
ENSG0000 response	Inflamed	SLC29A1	protein_cc chr6	44187242	44201888	+	3433	1124.833	0	-0.53382	0.11676	-4.57195	1.40E-05	0.000281	0.367789
ENSG0000 response	Inflamed	UCHL1	protein_cc chr4	41258430	41270472	+	2282	62.69451	0.004773	-1.14326	0.250109	-4.57104	1.40E-05	0.000282	0.369108
ENSG0000 response	Inflamed	AGTRAP	protein_cc chr1	11796141	11814859	+	2433	867.494	0	-0.54877	0.120096	-4.56941	1.41E-05	0.000283	0.371485
ENSG0000 response	Inflamed	TKTL1	protein_cc chrX	1.54E+08	1.54E+08	+	3650	7.195704	0.176611	-0.87141	0.190758	-4.56816	1.42E-05	0.000284	0.373321
ENSG0000 response	Inflamed	RASSF8-AS	antisense chr12	26092262	26112698	-	3981	57.88067	0	-0.96763	0.211837	-4.56779	1.42E-05	0.000284	0.373871

ENSG0000 response	Inflamed	RNU6-418	snRNA	chr1	2.06E+08	2.06E+08	+	107	2.763723	0.498807	0.762099	0.166844	4.567743	1.42E-05	0.000284	0.373935
ENSG0000 response	Inflamed	C9orf139	protein_cc	chr9	1.4E+08	1.4E+08	+	3815	42.91169	0.02864	-1.11889	0.244957	-4.56768	1.42E-05	0.000284	0.374025
ENSG0000 response	Inflamed	EBI3	protein_cc	chr19	4229495	4237528	+	1284	261.4988	0	-0.80269	0.175765	-4.56685	1.43E-05	0.000285	0.37525
ENSG0000 response	Inflamed	CHN1	protein_cc	chr2	1.76E+08	1.76E+08	-	4971	262.4654	0.00716	-1.11378	0.243893	-4.56668	1.43E-05	0.000285	0.375507
ENSG0000 response	Inflamed	RP11-333C	lincRNA	chr2	12855541	12856353	+	813	2.801909	0.451074	-0.7432	0.162751	-4.5665	1.43E-05	0.000285	0.375769
ENSG0000 response	Inflamed	IGLV3-1	IG_V_gene	chr22	23222886	23223576	+	398	11455.05	0	-1.46602	0.321182	-4.56447	1.44E-05	0.000287	0.378784
ENSG0000 response	Inflamed	HOXB2	protein_cc	chr17	46618256	46623441	-	3460	287.9714	0	-0.56223	0.123177	-4.56441	1.44E-05	0.000287	0.378867
ENSG0000 response	Inflamed	CCR2	protein_cc	chr3	46395225	46402419	+	3733	420.3556	0	-1.02201	0.223948	-4.56358	1.45E-05	0.000288	0.380112
ENSG0000 response	Inflamed	ELL2	protein_cc	chr5	95220802	95297775	-	7246	2321.671	0	-0.88185	0.193244	-4.5634	1.45E-05	0.000288	0.380374
ENSG0000 response	Inflamed	ACSS2	protein_cc	chr20	33459949	33515769	+	5389	8883.496	0	0.663116	0.145343	4.562432	1.45E-05	0.000289	0.381831
ENSG0000 response	Inflamed	EFNA4	protein_cc	chr1	1.55E+08	1.55E+08	+	1263	459.6229	0	0.372348	0.08166	4.559749	1.47E-05	0.000291	0.385883
ENSG0000 response	Inflamed	POPD3	protein_cc	chr6	1.06E+08	1.06E+08	-	1881	22.52029	0.293556	-1.38552	0.303919	-4.55884	1.47E-05	0.000292	0.387258
ENSG0000 response	Inflamed	IGKV2D-4C	IG_V_gene	chr2	89890601	89891307	+	336	708.8735	0.00716	-1.78435	0.391609	-4.55646	1.49E-05	0.000295	0.39091
ENSG0000 response	Inflamed	RP11-76E1	lincRNA	chr15	94425311	94429972	+	915	1.603819	0.637232	-0.61963	0.136018	-4.55547	1.49E-05	0.000296	0.392424
ENSG0000 response	Inflamed	CLDN3	protein_cc	chr7	73183328	73184600	-	1273	13353.75	0	0.98028	0.215219	4.5548	1.50E-05	0.000296	0.393464
ENSG0000 response	Inflamed	OAF	protein_cc	chr11	1.2E+08	1.2E+08	+	3176	4747.659	0	0.51384	0.112815	4.554696	1.50E-05	0.000296	0.393625
ENSG0000 response	Inflamed	MACROD1	protein_cc	chr11	63766030	63933578	-	2089	451.1169	0	0.550272	0.12082	4.554478	1.50E-05	0.000296	0.393962
ENSG0000 response	Inflamed	LAMC3	protein_cc	chr9	1.34E+08	1.34E+08	+	7594	1137.955	0	-1.1603	0.254772	-4.55429	1.50E-05	0.000296	0.394254
ENSG0000 response	Inflamed	TPSG1	protein_cc	chr16	1271651	1275257	-	1255	967.1933	0	1.080546	0.237316	4.553203	1.51E-05	0.000297	0.395941
ENSG0000 response	Inflamed	NFKBID	protein_cc	chr19	36378555	36393205	-	3198	442.9547	0	-0.56243	0.123524	-4.55319	1.51E-05	0.000297	0.395956
ENSG0000 response	Inflamed	MMEL1	protein_cc	chr1	2522078	2564481	-	3896	131.8305	0	0.619341	0.136028	4.553035	1.51E-05	0.000297	0.396202
ENSG0000 response	Inflamed	ETHE1	protein_cc	chr19	44010871	44031396	-	1604	10187.15	0	0.738104	0.162142	4.552203	1.51E-05	0.000298	0.3975
ENSG0000 response	Inflamed	LTA	protein_cc	chr6	31539831	31542101	+	1737	100.5012	0.002387	-0.91079	0.200129	-4.55104	1.52E-05	0.000299	0.399325
ENSG0000 response	Inflamed	HHIPL1	protein_cc	chr14	1E+08	1E+08	+	7836	206.4964	0.002387	-0.90382	0.198618	-4.55054	1.52E-05	0.000299	0.400103
ENSG0000 response	Inflamed	RP11-84C1	lincRNA	chr14	21387500	21388458	+	728	1.601432	0.649165	-0.60829	0.133678	-4.5504	1.52E-05	0.000299	0.40033
ENSG0000 response	Inflamed	EMP3	protein_cc	chr19	48824766	48833810	+	1667	1196.217	0	-0.86827	0.190817	-4.55028	1.52E-05	0.000299	0.400512
ENSG0000 response	Inflamed	RP11-145A	antisense	chr1	2.26E+08	2.26E+08	+	1530	2.484487	0.584726	-0.7784	0.17107	-4.55016	1.52E-05	0.000299	0.400695
ENSG0000 response	Inflamed	HIP1	protein_cc	chr7	75162621	75368280	-	8953	1350.382	0	-0.75693	0.166355	-4.55011	1.52E-05	0.000299	0.400788
ENSG0000 response	Inflamed	MSX1	protein_cc	chr4	4861393	4865663	+	2120	35.80907	0.01432	-0.90391	0.198848	-4.54574	1.55E-05	0.000304	0.407725
ENSG0000 response	Inflamed	LGALS4	protein_cc	chr19	39292311	39304004	-	2645	89867.48	0	1.127111	0.247955	4.545623	1.55E-05	0.000304	0.407905
ENSG0000 response	Inflamed	RP11-330A	lincRNA	chr2	2.2E+08	2.2E+08	-	456	68.11217	0	0.738699	0.162509	4.545587	1.55E-05	0.000304	0.407962
ENSG0000 response	Inflamed	HAMP	protein_cc	chr19	35771619	35776046	+	3010	9.868735	0.186158	-1.04104	0.22912	-4.54365	1.56E-05	0.000306	0.411078
ENSG0000 response	Inflamed	BDH1	protein_cc	chr3	1.97E+08	1.97E+08	-	9112	3890.358	0	0.740029	0.162891	4.543087	1.57E-05	0.000306	0.411986
ENSG0000 response	Inflamed	HTR1B	protein_cc	chr6	78171948	78173490	-	1543	11.53461	0.169451	-0.97744	0.215182	-4.54239	1.57E-05	0.000307	0.413115
ENSG0000 response	Inflamed	RP11-672A	lincRNA	chr11	76339140	76341407	-	559	1.346062	0.649165	-0.47185	0.103898	-4.54142	1.58E-05	0.000308	0.41469
ENSG0000 response	Inflamed	NFKB2	protein_cc	chr10	1.04E+08	1.04E+08	+	4479	3174.819	0	-0.66853	0.147225	-4.54088	1.58E-05	0.000308	0.415576
ENSG0000 response	Inflamed	OIT3	protein_cc	chr10	74653339	74692791	+	2365	30.70644	0.054893	-1.12075	0.246821	-4.54074	1.58E-05	0.000308	0.41579
ENSG0000 response	Inflamed	DHRS13	protein_cc	chr17	27224799	27230089	-	2944	418.7947	0	-0.39276	0.086496	-4.54073	1.58E-05	0.000308	0.415808
ENSG0000 response	Inflamed	CTLA4	protein_cc	chr2	2.05E+08	2.05E+08	+	2120	179.074	0.00716	-1.20315	0.264973	-4.54066	1.58E-05	0.000308	0.415925
ENSG0000 response	Inflamed	PLA2G7	protein_cc	chr6	46671938	46703430	-	2965	707.2053	0	-0.78593	0.173127	-4.53963	1.59E-05	0.000309	0.41761

ENSG0000 response	Inflamed	JHDM1D-A antisense	chr7	1.4E+08	1.4E+08	+	2380	844.673	0	0.425173	0.093662	4.539413	1.59E-05	0.000309	0.417967
ENSG0000 response	Inflamed	FAM162B	protein_cc chr6	1.17E+08	1.17E+08	-	1033	30.91885	0.00716	-0.80537	0.177468	-4.53809	1.60E-05	0.00031	0.420148
ENSG0000 response	Inflamed	POMC	protein_cc chr2	25383722	25391772	-	1538	37.88067	0.00716	-0.97532	0.214943	-4.5376	1.60E-05	0.00031	0.420956
ENSG0000 response	Inflamed	PPARGC1A	protein_cc chr4	23756664	23905712	-	10511	583.7733	0	1.111872	0.245071	4.536944	1.61E-05	0.000311	0.422034
ENSG0000 response	Inflamed	OVOL1	protein_cc chr11	65554493	65564690	+	3849	1845.172	0	0.922687	0.203378	4.536808	1.61E-05	0.000311	0.422258
ENSG0000 response	Inflamed	ADAMTS2	protein_cc chr5	1.79E+08	1.79E+08	-	7687	1856.076	0	-1.13592	0.250403	-4.53635	1.61E-05	0.000311	0.423009
ENSG0000 response	Inflamed	ITGA2B	protein_cc chr17	42449548	42466873	-	5551	38.83532	0.026253	-0.9637	0.212525	-4.53451	1.62E-05	0.000313	0.426076
ENSG0000 response	Inflamed	NOTCH3	protein_cc chr19	15270444	15311792	-	8799	3047.842	0	-1.20283	0.265386	-4.53238	1.63E-05	0.000316	0.429648
ENSG0000 response	Inflamed	GPRIN2	protein_cc chr10	46994087	47005643	+	7985	2383.253	0	1.193563	0.263376	4.531777	1.64E-05	0.000316	0.430669
ENSG0000 response	Inflamed	CYP4F12	protein_cc chr19	15783567	15807984	+	5351	2043.845	0	1.037282	0.228932	4.530963	1.64E-05	0.000317	0.432044
ENSG0000 response	Inflamed	RNF166	protein_cc chr16	88762903	88772829	-	4394	1087.597	0	-0.60315	0.133152	-4.52976	1.65E-05	0.000318	0.434088
ENSG0000 response	Inflamed	RP11-665M	lincRNA chr11	64658158	64658547	-	390	679.3962	0	1.151533	0.254237	4.529373	1.65E-05	0.000318	0.434744
ENSG0000 response	Inflamed	ALDH1L2	protein_cc chr12	1.05E+08	1.05E+08	-	8501	471.1718	0.004773	-1.14991	0.253885	-4.52926	1.65E-05	0.000318	0.434934
ENSG0000 response	Inflamed	IKZF1	protein_cc chr7	50343720	50472799	+	9784	2100.32	0	-0.83498	0.184374	-4.52871	1.66E-05	0.000319	0.435883
ENSG0000 response	Inflamed	PIWIL2	protein_cc chr8	22132810	22215076	+	5751	68.91647	0.002387	0.824511	0.18211	4.52754	1.67E-05	0.00032	0.437877
ENSG0000 response	Inflamed	SNHG18	lincRNA chr5	9546312	9550721	+	1951	591.3532	0	0.4852	0.10717	4.527391	1.67E-05	0.00032	0.438132
ENSG0000 response	Inflamed	TST	protein_cc chr22	37406900	37415681	-	1915	7512.582	0	0.699841	0.154585	4.52723	1.67E-05	0.00032	0.438409
ENSG0000 response	Inflamed	ADPRH	protein_cc chr3	1.19E+08	1.19E+08	+	4615	482.9594	0	-0.70444	0.155635	-4.52624	1.67E-05	0.000321	0.440108
ENSG0000 response	Inflamed	TPRN	protein_cc chr9	1.4E+08	1.4E+08	-	5338	4647.387	0	0.683534	0.151031	4.525792	1.68E-05	0.000321	0.440884
ENSG0000 response	Inflamed	STMN3	protein_cc chr20	62271061	62284780	-	2449	687.6229	0	-0.73498	0.162406	-4.52555	1.68E-05	0.000321	0.441307
ENSG0000 response	Inflamed	HYAL2	protein_cc chr3	50355221	50360337	-	4545	1611.129	0	-0.58049	0.128273	-4.52543	1.68E-05	0.000321	0.441503
ENSG0000 response	Inflamed	UGT2A3	protein_cc chr4	69794181	69817509	-	3062	723.7661	0.054893	2.08161	0.460019	4.525053	1.68E-05	0.000322	0.442162
ENSG0000 response	Inflamed	RXFP4	protein_cc chr1	1.56E+08	1.56E+08	+	1146	57.11456	0.016706	0.909838	0.201129	4.523651	1.69E-05	0.000323	0.444595
ENSG0000 response	Inflamed	LINC00963	processed_chr9	1.32E+08	1.32E+08	+	12641	1544.177	0	-0.37857	0.083726	-4.52157	1.70E-05	0.000326	0.448225
ENSG0000 response	Inflamed	COX4I2	protein_cc chr20	30225691	30232809	+	693	51.20048	0.004773	-0.89118	0.197108	-4.52131	1.71E-05	0.000326	0.448695
ENSG0000 response	Inflamed	KISS1R	protein_cc chr19	917287	921015	+	1680	9.374702	0.140811	-0.94695	0.209456	-4.52101	1.71E-05	0.000326	0.449219
ENSG0000 response	Inflamed	NOTUM	protein_cc chr17	79910388	79919716	-	3014	39.18138	0.062053	-1.45986	0.323037	-4.51918	1.72E-05	0.000328	0.452435
ENSG0000 response	Inflamed	ALPI	protein_cc chr2	2.33E+08	2.33E+08	+	2632	1174.876	0.00716	1.594216	0.352868	4.517877	1.73E-05	0.000329	0.454755
ENSG0000 response	Inflamed	C12orf68	protein_cc chr12	48577366	48579709	+	2344	60.12649	0.004773	-0.87693	0.194103	-4.51786	1.73E-05	0.000329	0.454787
ENSG0000 response	Inflamed	GPR42	protein_cc chr19	35861831	35863855	+	1854	4.642005	0.357995	-0.79203	0.175325	-4.51751	1.73E-05	0.000329	0.455412
ENSG0000 response	Inflamed	OPLAH	protein_cc chr8	1.45E+08	1.45E+08	-	4321	1572.962	0	0.573373	0.126937	4.516984	1.74E-05	0.00033	0.456346
ENSG0000 response	Inflamed	CCNJL	protein_cc chr5	1.6E+08	1.6E+08	-	4731	879.5776	0	0.698693	0.154689	4.516762	1.74E-05	0.00033	0.456742
ENSG0000 response	Inflamed	ANXA6	protein_cc chr5	1.5E+08	1.51E+08	-	5427	4451.086	0	-0.71456	0.158204	-4.51671	1.74E-05	0.00033	0.456834
ENSG0000 response	Inflamed	AC097468	antisense chr2	2.2E+08	2.2E+08	+	1992	11.62291	0.114558	0.947654	0.209836	4.516165	1.74E-05	0.00033	0.457811
ENSG0000 response	Inflamed	SNCA	protein_cc chr4	90645250	90759466	-	4011	65.97852	0.004773	-0.85814	0.190161	-4.51269	1.77E-05	0.000334	0.464079
ENSG0000 response	Inflamed	LRR8C	protein_cc chr1	90098631	90235462	+	11724	522.8425	0	-0.84473	0.187269	-4.51081	1.78E-05	0.000337	0.467495
ENSG0000 response	Inflamed	GLA	protein_cc chrX	1.01E+08	1.01E+08	-	2065	636.3675	0	-0.45249	0.100319	-4.51058	1.78E-05	0.000337	0.467917
ENSG0000 response	Inflamed	IGKV1-6	IG_V_gene chr2	89265781	89266286	-	380	3773.427	0	-1.35018	0.299361	-4.51021	1.78E-05	0.000337	0.468598
ENSG0000 response	Inflamed	NEXN-AS1	antisense chr1	78347033	78355224	-	2583	4.334129	0.338902	-0.86461	0.191742	-4.50924	1.79E-05	0.000338	0.470372
ENSG0000 response	Inflamed	DAO	protein_cc chr12	1.09E+08	1.09E+08	+	3883	48.63484	0.088305	1.274008	0.282646	4.507435	1.80E-05	0.00034	0.473702

ENSG0000 response	Inflamed	C10orf54	protein_cc chr10	73507316	73533255	-	5128	6179.597	0	-0.50573	0.112206	-4.50716	1.80E-05	0.00034	0.474218
ENSG0000 response	Inflamed	GIPC2	protein_cc chr1	78445226	78604133	+	3973	875.895	0	0.830442	0.184306	4.505783	1.81E-05	0.000342	0.476768
ENSG0000 response	Inflamed	DNM1P47	pseudoger chr15	1.02E+08	1.02E+08	+	15281	10.94749	0.109785	-0.82199	0.182444	-4.50546	1.82E-05	0.000342	0.477366
ENSG0000 response	Inflamed	ANKDD1B	protein_cc chr5	74907284	74967671	+	3287	115.1671	0.004773	0.95736	0.212502	4.505185	1.82E-05	0.000342	0.477883
ENSG0000 response	Inflamed	FFAR3	protein_cc chr19	35849362	35851387	+	1855	15.69451	0.157518	-1.19024	0.264271	-4.50385	1.83E-05	0.000344	0.480387
ENSG0000 response	Inflamed	MAP4K1	protein_cc chr19	39078281	39109522	-	3953	963.0072	0	-0.7933	0.176186	-4.50265	1.84E-05	0.000345	0.482643
ENSG0000 response	Inflamed	RP11-77K1	pseudoger chr16	75533686	75550178	-	830	83.84487	0.02148	1.1382	0.252794	4.502475	1.84E-05	0.000345	0.482966
ENSG0000 response	Inflamed	IGKV1D-43	IG_V_gene chr2	90248739	90249395	+	532	18.03103	0.121718	-1.12781	0.250549	-4.50136	1.85E-05	0.000346	0.485082
ENSG0000 response	Inflamed	SLC12A4	protein_cc chr16	67977377	68003504	-	8298	1411.449	0	-0.71061	0.157906	-4.50021	1.85E-05	0.000348	0.487258
ENSG0000 response	Inflamed	RP11-326C	lincRNA chr11	327171	330122	+	1277	13.30788	0.138425	-1.05146	0.233686	-4.49944	1.86E-05	0.000348	0.488712
ENSG0000 response	Inflamed	XXyac-YM2	antisense chr9	90471930	90474314	-	2014	22.36277	0.348449	1.152411	0.256198	4.49812	1.87E-05	0.00035	0.491245
ENSG0000 response	Inflamed	PCDH17	protein_cc chr13	58205944	58303445	+	8242	323.074	0.00716	-1.1476	0.25519	-4.49706	1.88E-05	0.000351	0.493288
ENSG0000 response	Inflamed	HS3ST3A1	protein_cc chr17	13399006	13505244	-	2628	82.91169	0.004773	-0.96085	0.213712	-4.49602	1.88E-05	0.000352	0.495279
ENSG0000 response	Inflamed	RP11-108F	lincRNA chr18	56481112	56501596	+	478	2.217184	0.553699	-0.6274	0.139577	-4.49501	1.89E-05	0.000353	0.497235
ENSG0000 response	Inflamed	AMPD1	protein_cc chr1	1.15E+08	1.15E+08	-	2496	189.7804	0	-0.97072	0.215956	-4.49499	1.89E-05	0.000353	0.497281
ENSG0000 response	Inflamed	CLDN4	protein_cc chr7	73213872	73247014	+	4693	23479.48	0	0.87985	0.195835	4.492822	1.91E-05	0.000356	0.501503
ENSG0000 response	Inflamed	PKN1	protein_cc chr19	14543865	14582679	+	4606	2892.215	0	-0.57067	0.127048	-4.49179	1.92E-05	0.000357	0.503521
ENSG0000 response	Inflamed	AC069363	antisense chr17	34400226	34417480	+	1706	12.66348	0.119332	-0.90717	0.201964	-4.49177	1.92E-05	0.000357	0.503565
ENSG0000 response	Inflamed	GIPC1	protein_cc chr19	14588572	14606944	-	4423	10770.74	0	0.524485	0.116788	4.490911	1.92E-05	0.000358	0.505253
ENSG0000 response	Inflamed	MT-ATP8	protein_cc chrM	8366	8572	+	207	114755.2	0	0.507715	0.1131	4.489087	1.94E-05	0.00036	0.508857
ENSG0000 response	Inflamed	CSTA	protein_cc chr3	1.22E+08	1.22E+08	+	1373	100.8974	0	-0.96288	0.21453	-4.48833	1.94E-05	0.000361	0.510367
ENSG0000 response	Inflamed	AP000344	lincRNA chr22	23775751	23777258	+	1083	28.17422	0.109785	1.068875	0.238148	4.488273	1.94E-05	0.000361	0.510475
ENSG0000 response	Inflamed	LINC0094C	lincRNA chr12	2038368	2045740	-	2350	37.62768	0.119332	1.305829	0.290971	4.487824	1.95E-05	0.000361	0.511367
ENSG0000 response	Inflamed	IGKV1-17	IG_V_gene chr2	89416833	89417335	-	378	8348.06	0	-1.49984	0.334233	-4.48741	1.95E-05	0.000361	0.512185
ENSG0000 response	Inflamed	DPYSL4	protein_cc chr10	1.34E+08	1.34E+08	+	3176	36.4105	0.045346	-1.16761	0.260223	-4.48694	1.95E-05	0.000362	0.513141
ENSG0000 response	Inflamed	RP11-216L	processed_chr9	1.4E+08	1.4E+08	+	4335	114.0931	0	0.916302	0.204237	4.486471	1.96E-05	0.000362	0.51407
ENSG0000 response	Inflamed	PRKAG2-A	antisense chr7	1.52E+08	1.52E+08	+	1154	95.57279	0.002387	0.598778	0.133472	4.486153	1.96E-05	0.000362	0.514707
ENSG0000 response	Inflamed	CTD-2342I	lincRNA chr8	1.36E+08	1.36E+08	+	1003	5.945107	0.245823	-0.8966	0.199879	-4.48568	1.96E-05	0.000363	0.515654
ENSG0000 response	Inflamed	GPR19	protein_cc chr12	12813825	12849141	-	2623	16.78759	0.011933	-0.6979	0.155658	-4.48353	1.98E-05	0.000366	0.520002
ENSG0000 response	Inflamed	FCHO1	protein_cc chr19	17858527	17899377	+	5700	557.0835	0	-0.59272	0.132264	-4.48135	1.99E-05	0.000369	0.524431
ENSG0000 response	Inflamed	GSTA1	protein_cc chr6	52656462	52668708	-	1019	236.358	0.038186	1.267063	0.282762	4.481024	2.00E-05	0.000369	0.525093
ENSG0000 response	Inflamed	IGLV4-69	IG_V_gene chr22	22385332	22385870	+	419	2909.463	0	-1.39658	0.31169	-4.48067	2.00E-05	0.000369	0.525812
ENSG0000 response	Inflamed	RP11-80H8	lincRNA chr3	1.43E+08	1.43E+08	+	746	8.649165	0.150358	-0.83664	0.186797	-4.47884	2.01E-05	0.000371	0.529565
ENSG0000 response	Inflamed	NOL4	protein_cc chr18	31431064	31804916	-	5687	12.04057	0.138425	1.112555	0.248435	4.478248	2.02E-05	0.000372	0.530797
ENSG0000 response	Inflamed	GATA6	protein_cc chr18	19749404	19782491	+	3945	2033.661	0	0.724391	0.161768	4.477965	2.02E-05	0.000372	0.531381
ENSG0000 response	Inflamed	MST1L	pseudoger chr1	17081405	17096732	-	5295	378.9618	0.009547	1.553797	0.346999	4.477807	2.02E-05	0.000372	0.531708
ENSG0000 response	Inflamed	FICD	protein_cc chr12	1.09E+08	1.09E+08	+	4267	571.0072	0	-0.59892	0.133759	-4.4776	2.02E-05	0.000372	0.532135
ENSG0000 response	Inflamed	TMEM158	protein_cc chr3	45265958	45267770	-	1813	535.1742	0.002387	-1.0606	0.236909	-4.47683	2.03E-05	0.000373	0.53373
ENSG0000 response	Inflamed	RP11-483F	antisense chr16	83823572	83841439	-	1603	12.11695	0.019093	-0.68062	0.152066	-4.47582	2.04E-05	0.000374	0.535828
ENSG0000 response	Inflamed	RASL10B	protein_cc chr17	34058668	34070540	+	3502	36.87828	0.009547	-1.14504	0.255871	-4.47507	2.04E-05	0.000375	0.537404

ENSG0000 response	Inflamed	IGFBP7-AS antisense	chr4	57975928	58071676	+	1740	9.873508	0.062053	-0.77341	0.172832	-4.47494	2.05E-05	0.000375	0.537669
ENSG0000 response	Inflamed	LRRC4	protein_cc chr7	1.28E+08	1.28E+08	-	4036	98.13842	0.002387	-1.16572	0.260594	-4.47331	2.06E-05	0.000377	0.541087
ENSG0000 response	Inflamed	AF165138	protein_cc chr21	15964251	16031142	-	1889	1.792363	0.649165	-0.66817	0.14937	-4.47327	2.06E-05	0.000377	0.541182
ENSG0000 response	Inflamed	LPCAT1	protein_cc chr5	1456595	1524092	-	6494	4154.68	0	-0.68427	0.152972	-4.47318	2.06E-05	0.000377	0.541364
ENSG0000 response	Inflamed	OLIG1	protein_cc chr21	34442450	34444726	+	2277	35.39618	0.0358	-1.17158	0.261946	-4.47258	2.06E-05	0.000377	0.542625
ENSG0000 response	Inflamed	DUSP8	protein_cc chr11	1575274	1593150	-	4616	1430.2	0	0.644665	0.14415	4.472169	2.07E-05	0.000378	0.543499
ENSG0000 response	Inflamed	IGLV2-14	IG_V_gene chr22	23101189	23101707	+	402	37629.5	0	-1.31918	0.295074	-4.47068	2.08E-05	0.000379	0.546664
ENSG0000 response	Inflamed	CDKN2B	protein_cc chr9	22002902	22009362	-	4058	2655.298	0	1.061385	0.237415	4.470583	2.08E-05	0.000379	0.546861
ENSG0000 response	Inflamed	MYO1D	protein_cc chr17	30819540	31204195	-	7731	25977.47	0	0.656514	0.146855	4.470486	2.08E-05	0.000379	0.547066
ENSG0000 response	Inflamed	CD4	protein_cc chr12	6896024	6929974	+	4583	4818.337	0	-0.60581	0.135545	-4.46941	2.09E-05	0.000381	0.549368
ENSG0000 response	Inflamed	IGLV5-48	IG_V_gene chr22	22707289	22707781	+	369	67.36993	0.026253	-1.34141	0.300179	-4.4687	2.10E-05	0.000381	0.550875
ENSG0000 response	Inflamed	DOCK8	protein_cc chr9	214854	465259	+	13782	2308.866	0	-0.79481	0.177905	-4.46762	2.10E-05	0.000383	0.553198
ENSG0000 response	Inflamed	SLC25A34	protein_cc chr1	16062900	16067891	+	3195	597.8926	0	0.930096	0.208227	4.466739	2.11E-05	0.000384	0.555092
ENSG0000 response	Inflamed	CD82	protein_cc chr11	44585977	44641913	+	4054	3403.126	0	-0.70039	0.156818	-4.4663	2.12E-05	0.000384	0.556045
ENSG0000 response	Inflamed	HBD	protein_cc chr11	5253908	5256600	-	1062	8.539379	0.221957	-1.01109	0.226401	-4.46594	2.12E-05	0.000385	0.556818
ENSG0000 response	Inflamed	RP11-536C	lincRNA chr9	13446490	13487510	+	512	11.82578	0.238663	-1.04793	0.234694	-4.46508	2.13E-05	0.000385	0.558689
ENSG0000 response	Inflamed	CCDC134	protein_cc chr22	42196683	42222303	+	1270	231.3484	0	-0.36714	0.082228	-4.46495	2.13E-05	0.000385	0.558975
ENSG0000 response	Inflamed	RHOQ	protein_cc chr2	46768945	46810260	+	4619	1328.525	0	-0.83761	0.187622	-4.46435	2.13E-05	0.000386	0.560277
ENSG0000 response	Inflamed	CNNM4	protein_cc chr2	97426639	97477628	+	5198	9152.072	0	0.746855	0.167295	4.464299	2.13E-05	0.000386	0.56038
ENSG0000 response	Inflamed	ANKRD9	protein_cc chr14	1.03E+08	1.03E+08	-	2133	1612.012	0	0.565545	0.12669	4.463996	2.13E-05	0.000386	0.561039
ENSG0000 response	Inflamed	IL13	protein_cc chr5	1.32E+08	1.32E+08	+	2887	6.26969	0.472554	-1.02829	0.230419	-4.4627	2.14E-05	0.000388	0.56388
ENSG0000 response	Inflamed	RP11-175k	lincRNA chr5	1.59E+08	1.59E+08	+	3214	22.50358	0.023866	-0.93295	0.209069	-4.46243	2.15E-05	0.000388	0.564457
ENSG0000 response	Inflamed	CYSLTR1	protein_cc chrX	77526961	77583048	-	5431	152.9117	0	-0.81523	0.182747	-4.46094	2.16E-05	0.00039	0.56774
ENSG0000 response	Inflamed	FHL5	protein_cc chr6	97010424	97064512	+	2135	24.31742	0.023866	-0.83015	0.186152	-4.45954	2.17E-05	0.000392	0.57084
ENSG0000 response	Inflamed	RP11-500C	antisense chr6	17706488	17707575	+	1088	40.0358	0	-0.66454	0.149052	-4.45847	2.18E-05	0.000393	0.573213
ENSG0000 response	Inflamed	C9orf116	protein_cc chr9	1.38E+08	1.38E+08	-	1864	43.05012	0	-0.68713	0.154129	-4.45811	2.18E-05	0.000393	0.574002
ENSG0000 response	Inflamed	SYNPR-AS1	antisense chr3	63409272	63535727	-	558	8.97136	0.081146	0.749726	0.16818	4.457866	2.19E-05	0.000394	0.574555
ENSG0000 response	Inflamed	RP4-800J2	antisense chr20	55959216	55968118	-	1540	6.470167	0.167064	-0.76845	0.172389	-4.45763	2.19E-05	0.000394	0.575077
ENSG0000 response	Inflamed	VSIG2	protein_cc chr11	1.25E+08	1.25E+08	-	1432	4622.332	0	0.985737	0.221222	4.455864	2.20E-05	0.000396	0.579036
ENSG0000 response	Inflamed	SHMT2	protein_cc chr12	57623110	57628718	+	4838	2811.819	0	-0.38584	0.08665	-4.45292	2.23E-05	0.0004	0.585679
ENSG0000 response	Inflamed	AC011523	antisense chr19	51333786	51354345	+	392	16.55131	0.093079	0.96789	0.217382	4.452475	2.23E-05	0.000401	0.586699
ENSG0000 response	Inflamed	RP11-326F	antisense chr9	33166973	33179981	+	843	45.66348	0	0.624074	0.140219	4.450726	2.25E-05	0.000403	0.590692
ENSG0000 response	Inflamed	RAB31	protein_cc chr18	9708162	9862548	+	5586	1963.344	0	-0.91066	0.20462	-4.45048	2.25E-05	0.000403	0.591246
ENSG0000 response	Inflamed	AF064860	lincRNA chr21	41099682	41102607	+	1786	9.77327	0.214797	1.170498	0.263036	4.449953	2.25E-05	0.000404	0.592465
ENSG0000 response	Inflamed	C1orf200	protein_cc chr1	9712668	9714644	-	1823	5.105012	0.231504	-0.71152	0.159946	-4.44849	2.27E-05	0.000406	0.595846
ENSG0000 response	Inflamed	C1orf21	protein_cc chr1	1.84E+08	1.85E+08	+	10971	2657.248	0	0.52095	0.117117	4.44811	2.27E-05	0.000406	0.596714
ENSG0000 response	Inflamed	ENTPD8	protein_cc chr9	1.4E+08	1.4E+08	-	2836	3463.232	0	1.211451	0.272375	4.447734	2.27E-05	0.000406	0.597582
ENSG0000 response	Inflamed	RP11-168k	lincRNA chr9	1.16E+08	1.16E+08	+	3043	2.665871	0.622912	-0.87635	0.197038	-4.44761	2.27E-05	0.000406	0.597867
ENSG0000 response	Inflamed	ZNF503-A	processed chr10	77160759	77168738	+	3864	45.5179	0	-0.60239	0.135457	-4.44709	2.28E-05	0.000407	0.599087
ENSG0000 response	Inflamed	BOLA3-AS	antisense chr2	74375136	74377188	+	1834	41.42721	0	-0.54853	0.123376	-4.44603	2.29E-05	0.000408	0.601543

ENSG0000 response	Inflamed	DKFZP761	protein_cc chr19	11466062	11476374	+	3273	693.0692	0	-0.69149	0.155531	-4.44601	2.29E-05	0.000408	0.601583
ENSG0000 response	Inflamed	STEAP4	protein_cc chr7	87905744	87936206	-	5708	462.6468	0.004773	-1.27784	0.28749	-4.4448	2.30E-05	0.00041	0.604405
ENSG0000 response	Inflamed	PNRC1	protein_cc chr6	89790470	89794879	+	2992	3547.723	0	-0.48216	0.108498	-4.444	2.31E-05	0.000411	0.606296
ENSG0000 response	Inflamed	DPF1	protein_cc chr19	38701646	38720354	-	4800	4.107399	0.334129	-0.80841	0.181947	-4.44313	2.31E-05	0.000412	0.608347
ENSG0000 response	Inflamed	C9orf152	protein_cc chr9	1.13E+08	1.13E+08	-	2947	2957.513	0	1.012683	0.227949	4.442589	2.32E-05	0.000412	0.609616
ENSG0000 response	Inflamed	PAX6	protein_cc chr11	31806340	31839509	-	14776	22.70167	0.054893	1.070103	0.240889	4.442311	2.32E-05	0.000412	0.610272
ENSG0000 response	Inflamed	MMP2	protein_cc chr16	55423612	55540603	+	4933	20124.88	0	-0.95788	0.215629	-4.44225	2.32E-05	0.000412	0.610422
ENSG0000 response	Inflamed	P2RY13	protein_cc chr3	1.51E+08	1.51E+08	-	2764	433.2673	0	-0.95364	0.21469	-4.44194	2.32E-05	0.000413	0.611154
ENSG0000 response	Inflamed	B3GALNT1	protein_cc chr3	1.61E+08	1.61E+08	-	4183	69.08592	0.011933	-0.84813	0.190984	-4.44085	2.33E-05	0.000414	0.613734
ENSG0000 response	Inflamed	AC004988	antisense chr7	40577726	40586527	-	1771	1.890215	0.632458	-0.73373	0.165283	-4.43927	2.35E-05	0.000416	0.617509
ENSG0000 response	Inflamed	LA16c-321	antisense chr16	2989715	3004277	-	510	18.95704	0.050119	0.964581	0.21732	4.438525	2.36E-05	0.000417	0.619286
ENSG0000 response	Inflamed	IGHE	IG_C_gene chr14	1.06E+08	1.06E+08	-	1543	55.26969	0.016706	-1.11568	0.251402	-4.43784	2.36E-05	0.000418	0.620936
ENSG0000 response	Inflamed	IGLV3-24	IG_V_pseu chr22	23036924	23037437	+	197	7.229117	0.329356	-0.97237	0.219199	-4.43603	2.38E-05	0.000421	0.625294
ENSG0000 response	Inflamed	TSPAN6	protein_cc chrX	99883667	99894988	-	2968	1550.253	0	0.653216	0.147318	4.434068	2.40E-05	0.000424	0.630062
ENSG0000 response	Inflamed	FTLP3	pseudoger chr20	4004552	4005091	+	540	181.7661	0	-0.59851	0.135002	-4.43331	2.40E-05	0.000425	0.631921
ENSG0000 response	Inflamed	REM1	protein_cc chr20	30063096	30072708	+	1665	118.673	0	-0.87097	0.196481	-4.43282	2.41E-05	0.000425	0.633117
ENSG0000 response	Inflamed	FAM189A1	protein_cc chr15	29412457	29862927	-	5545	353.1599	0.004773	1.6947	0.382437	4.431316	2.42E-05	0.000427	0.636805
ENSG0000 response	Inflamed	IGKV6D-21	IG_V_gene chr2	90060377	90060995	+	409	393.3699	0.004773	-1.44873	0.326957	-4.43095	2.43E-05	0.000428	0.63771
ENSG0000 response	Inflamed	ABI3	protein_cc chr17	47287589	47300587	+	2456	1026.029	0	-0.52063	0.117504	-4.43076	2.43E-05	0.000428	0.638177
ENSG0000 response	Inflamed	RNF24	protein_cc chr20	3907956	3996229	-	7668	1625.461	0	-0.68173	0.153916	-4.42919	2.44E-05	0.00043	0.642059
ENSG0000 response	Inflamed	THBD	protein_cc chr20	23026270	23030378	-	4109	1355.866	0	-0.91157	0.205831	-4.42873	2.45E-05	0.00043	0.643211
ENSG0000 response	Inflamed	CENPV	protein_cc chr17	16245848	16256970	-	2302	919.9833	0	0.628537	0.141925	4.428647	2.45E-05	0.00043	0.643413
ENSG0000 response	Inflamed	RP13-497k	antisense chr4	23781213	23784183	+	442	24.53699	0.23389	1.436855	0.32445	4.428586	2.45E-05	0.00043	0.643564
ENSG0000 response	Inflamed	AP000783	protein_cc chr11	1.23E+08	1.23E+08	+	1103	16.31504	0.011933	-0.69158	0.156184	-4.42802	2.45E-05	0.000431	0.644976
ENSG0000 response	Inflamed	SAA1	protein_cc chr11	18287721	18291524	+	765	545.8831	0.052506	-2.38446	0.53855	-4.42755	2.46E-05	0.000431	0.646136
ENSG0000 response	Inflamed	ZNF469	protein_cc chr16	88493879	88507165	+	13287	537.9976	0.002387	-1.2429	0.280814	-4.42607	2.47E-05	0.000434	0.64986
ENSG0000 response	Inflamed	GNB5	protein_cc chr15	52413117	52483566	-	7487	444.6492	0	-0.55523	0.125461	-4.42554	2.48E-05	0.000434	0.651178
ENSG0000 response	Inflamed	RENBP	protein_cc chrX	1.53E+08	1.53E+08	-	2146	345.1408	0	-0.51692	0.116826	-4.42471	2.48E-05	0.000435	0.653283
ENSG0000 response	Inflamed	LTK	protein_cc chr15	41795836	41806085	-	3490	556.4845	0	0.532825	0.120439	4.424029	2.49E-05	0.000436	0.654999
ENSG0000 response	Inflamed	KIAA1984	protein_cc chr9	1.4E+08	1.4E+08	+	2964	55.90931	0	0.764163	0.172754	4.423421	2.50E-05	0.000437	0.656539
ENSG0000 response	Inflamed	PITPNC1	protein_cc chr17	65373575	65693372	+	7642	1173.117	0	-0.52169	0.117966	-4.42242	2.51E-05	0.000438	0.659071
ENSG0000 response	Inflamed	KIRREL2	protein_cc chr19	36346763	36358011	+	3382	18.90692	0.081146	-0.95674	0.216358	-4.42201	2.51E-05	0.000439	0.660127
ENSG0000 response	Inflamed	CDX1	protein_cc chr5	1.5E+08	1.5E+08	+	1757	9246.869	0	0.887873	0.200834	4.420924	2.52E-05	0.00044	0.662903
ENSG0000 response	Inflamed	CALN1	protein_cc chr7	71244476	71912136	-	10029	4.494033	0.587112	1.101204	0.249108	4.420594	2.52E-05	0.00044	0.663749
ENSG0000 response	Inflamed	KLB	protein_cc chr4	39408473	39453156	+	6082	56.53222	0.019093	1.151529	0.260503	4.420406	2.53E-05	0.00044	0.664231
ENSG0000 response	Inflamed	LTBP2	protein_cc chr14	74964873	75079306	-	9310	2225.384	0	-1.14372	0.258754	-4.42011	2.53E-05	0.000441	0.664996
ENSG0000 response	Inflamed	SLC3A2	protein_cc chr11	62623518	62656352	+	5239	3422.721	0	-0.36505	0.082593	-4.41988	2.53E-05	0.000441	0.665591
ENSG0000 response	Inflamed	RP11-74E2	antisense chr17	2615603	2616127	+	443	29.91885	0.016706	0.63306	0.143254	4.419142	2.54E-05	0.000442	0.667481
ENSG0000 response	Inflamed	GPR119	protein_cc chrX	1.3E+08	1.3E+08	-	1193	5.116945	0.291169	0.860457	0.194741	4.418478	2.55E-05	0.000442	0.669195
ENSG0000 response	Inflamed	CHDH	protein_cc chr3	53846362	53880417	-	7758	1929.957	0	0.737825	0.166988	4.41842	2.55E-05	0.000442	0.669346

ENSG0000 response	Inflamed	OMP	protein_cc chr11	76813886	76814377	+	492	36.95704	0.02148	0.826971	0.187187	4.417896	2.55E-05	0.000443	0.670699
ENSG0000 response	Inflamed	CTC-378H2	antisense chr19	42636707	42641251	+	897	11.27446	0.069212	-0.78405	0.177518	-4.41675	2.56E-05	0.000445	0.673673
ENSG0000 response	Inflamed	NAPA-AS1	antisense chr19	47987539	48004854	+	1894	105.3484	0	-0.58554	0.132584	-4.4164	2.57E-05	0.000445	0.674594
ENSG0000 response	Inflamed	PHGDH	protein_cc chr1	1.2E+08	1.2E+08	+	5622	488.2745	0	-0.84865	0.192227	-4.41482	2.58E-05	0.000447	0.678716
ENSG0000 response	Inflamed	FUZ	protein_cc chr19	50310126	50320633	-	2951	292.4129	0	-0.42988	0.097395	-4.41375	2.59E-05	0.000449	0.681529
ENSG0000 response	Inflamed	VWFP1	pseudoger chr22	17170993	17185367	-	2907	43.98329	0.107399	-1.13051	0.256144	-4.41359	2.59E-05	0.000449	0.681949
ENSG0000 response	Inflamed	SRI	protein_cc chr7	87834433	87856308	-	4237	6984.547	0	0.575658	0.130441	4.413186	2.60E-05	0.000449	0.683005
ENSG0000 response	Inflamed	SLC46A2	protein_cc chr9	1.16E+08	1.16E+08	-	2502	9.50358	0.169451	-0.87855	0.19908	-4.41304	2.60E-05	0.000449	0.683385
ENSG0000 response	Inflamed	LLGL2	protein_cc chr17	73521161	73571289	+	7909	12768.12	0	0.673937	0.15282	4.409993	2.63E-05	0.000454	0.69147
ENSG0000 response	Inflamed	RP11-303E	antisense chr16	81103459	81110203	+	496	1.088305	0.770883	-0.54644	0.123922	-4.40955	2.63E-05	0.000455	0.692643
ENSG0000 response	Inflamed	CD19	protein_cc chr16	28943260	28950667	+	2711	686.9379	0	-1.37413	0.311629	-4.4095	2.64E-05	0.000455	0.692786
ENSG0000 response	Inflamed	LL22NC03	protein_cc chr22	47857048	47882860	-	1090	8.315036	0.200477	0.981877	0.222736	4.408259	2.65E-05	0.000456	0.696108
ENSG0000 response	Inflamed	C3	protein_cc chr19	6677715	6730573	-	8328	15841.01	0	-1.35772	0.308021	-4.40789	2.65E-05	0.000457	0.697094
ENSG0000 response	Inflamed	RP11-498E	sense_intr chr9	1.25E+08	1.25E+08	+	221	11.42243	0.057279	-0.66348	0.150586	-4.40596	2.67E-05	0.00046	0.702304
ENSG0000 response	Inflamed	FADS2	protein_cc chr11	61560452	61634826	+	11026	2340.716	0	-1.25014	0.283747	-4.40583	2.67E-05	0.00046	0.702652
ENSG0000 response	Inflamed	CCDC88A	protein_cc chr2	55514978	55647057	-	14537	471.5203	0	-0.99055	0.224837	-4.40564	2.67E-05	0.00046	0.703162
ENSG0000 response	Inflamed	KCNK9	protein_cc chr8	1.41E+08	1.41E+08	-	4449	11.75895	0.315036	-1.2392	0.281276	-4.40563	2.67E-05	0.00046	0.703188
ENSG0000 response	Inflamed	CHRD	protein_cc chr3	1.84E+08	1.84E+08	+	6620	309.895	0	-0.85944	0.19512	-4.40468	2.68E-05	0.000461	0.705773
ENSG0000 response	Inflamed	ZYG11A	protein_cc chr1	53308183	53360670	+	4694	15.58234	0.107399	-0.96698	0.21959	-4.40356	2.70E-05	0.000463	0.708846
ENSG0000 response	Inflamed	NAGK	protein_cc chr2	71291474	71306935	+	8894	2346.561	0	-0.35717	0.081118	-4.4031	2.70E-05	0.000463	0.710085
ENSG0000 response	Inflamed	RP11-102M	lincRNA chr4	1.42E+08	1.42E+08	+	1394	16.53222	0.016706	-0.74713	0.169695	-4.40278	2.70E-05	0.000463	0.710958
ENSG0000 response	Inflamed	ELK3	protein_cc chr12	96588160	96663613	+	4648	1385.322	0	-0.82721	0.187916	-4.40201	2.71E-05	0.000465	0.713069
ENSG0000 response	Inflamed	TMEM163	protein_cc chr2	1.35E+08	1.35E+08	-	6804	173.3461	0.011933	-1.4883	0.338133	-4.40152	2.72E-05	0.000465	0.714426
ENSG0000 response	Inflamed	NR2F6	protein_cc chr19	17342692	17356749	-	2676	4560.768	0	0.469717	0.106725	4.401208	2.72E-05	0.000465	0.715286
ENSG0000 response	Inflamed	RP11-524I	antisense chrX	99928327	99928978	+	652	24.16706	0.052506	-0.86612	0.196801	-4.40096	2.72E-05	0.000466	0.715969
ENSG0000 response	Inflamed	TRIM10	protein_cc chr6	30119722	30128711	-	3546	304.9952	0.00716	0.942959	0.214277	4.400665	2.73E-05	0.000466	0.716782
ENSG0000 response	Inflamed	KCNK10	protein_cc chr14	88649113	88793251	-	5592	121.031	0.004773	0.9962	0.226395	4.400277	2.73E-05	0.000466	0.717855
ENSG0000 response	Inflamed	SLAMF6	protein_cc chr1	1.6E+08	1.6E+08	-	2746	480.3461	0	-0.90384	0.205408	-4.40021	2.73E-05	0.000466	0.718042
ENSG0000 response	Inflamed	CCL17	protein_cc chr16	57438679	57449974	+	615	25.21002	0.147971	-1.17238	0.266443	-4.40012	2.73E-05	0.000466	0.718276
ENSG0000 response	Inflamed	HOMER2	protein_cc chr15	83509838	83654661	-	10067	72	0.002387	-0.74008	0.168217	-4.39954	2.74E-05	0.000467	0.719902
ENSG0000 response	Inflamed	GYG1	protein_cc chr3	1.49E+08	1.49E+08	+	3475	1042.988	0	-0.42009	0.095493	-4.39916	2.74E-05	0.000467	0.720955
ENSG0000 response	Inflamed	ADRA2C	protein_cc chr4	3768075	3770251	+	2177	63.44869	0.00716	-0.9801	0.222804	-4.39894	2.74E-05	0.000467	0.721562
ENSG0000 response	Inflamed	CETP	protein_cc chr16	56995762	57017757	+	2085	75.50835	0.00716	-1.00153	0.227717	-4.39817	2.75E-05	0.000468	0.723717
ENSG0000 response	Inflamed	RP11-20D	lincRNA chr12	8940853	8948385	+	2279	11.51074	0.126492	-0.80526	0.18309	-4.39815	2.75E-05	0.000468	0.723757
ENSG0000 response	Inflamed	LAMP5	protein_cc chr20	9495005	9511171	+	2042	97.63962	0	-0.87877	0.199816	-4.39788	2.76E-05	0.000468	0.724506
ENSG0000 response	Inflamed	MIR4489	miRNA chr11	65416663	65416724	+	62	3.26253	0.393795	-0.67884	0.15438	-4.39721	2.76E-05	0.000468	0.726384
ENSG0000 response	Inflamed	CD55	protein_cc chr1	2.07E+08	2.08E+08	+	4477	7389.764	0	-0.99458	0.226186	-4.39719	2.76E-05	0.000468	0.726431
ENSG0000 response	Inflamed	GRK5	protein_cc chr10	1.21E+08	1.21E+08	+	2949	1715.845	0	-0.60309	0.137156	-4.39712	2.76E-05	0.000468	0.726634
ENSG0000 response	Inflamed	NEFH	protein_cc chr22	29876219	29887379	+	3783	47.95943	0.011933	-0.91514	0.208146	-4.39664	2.77E-05	0.000469	0.727986
ENSG0000 response	Inflamed	KCND1	protein_cc chrX	48818639	48827976	-	5807	201.8186	0.002387	-0.72359	0.16459	-4.39633	2.77E-05	0.000469	0.728836

ENSG0000 response	Inflamed	CD27	protein_cc chr12	6554033	6560884	+	1410	1430.06	0	-1.00378	0.228324	-4.39629	2.77E-05	0.000469	0.728967
ENSG0000 response	Inflamed	RGS18	protein_cc chr1	1.92E+08	1.92E+08	+	2806	119.1599	0	-0.8275	0.188241	-4.39597	2.78E-05	0.000469	0.729863
ENSG0000 response	Inflamed	PTPRCAP	protein_cc chr11	67202981	67205538	-	1292	1574.029	0	-0.77762	0.176903	-4.39574	2.78E-05	0.000469	0.730504
ENSG0000 response	Inflamed	CYYR1	protein_cc chr21	27838528	27945603	-	3436	435.9212	0	-0.77022	0.175278	-4.39424	2.79E-05	0.000472	0.734723
ENSG0000 response	Inflamed	CTC-5580	antisense chr5	1.68E+08	1.68E+08	+	810	6.109785	0.295943	0.755653	0.171968	4.394136	2.80E-05	0.000472	0.735031
ENSG0000 response	Inflamed	RP11-18B1	lincRNA chr9	1.16E+08	1.16E+08	+	1223	5.02864	0.529833	-1.12106	0.255171	-4.39339	2.80E-05	0.000473	0.737132
ENSG0000 response	Inflamed	SERPINF2	protein_cc chr17	1646130	1658562	+	2348	170.5847	0	-0.65642	0.149417	-4.39317	2.81E-05	0.000473	0.737769
ENSG0000 response	Inflamed	GREB1	protein_cc chr2	11674242	11782914	+	12320	129.4057	0.01432	-0.98289	0.223769	-4.39241	2.81E-05	0.000474	0.739935
ENSG0000 response	Inflamed	MS4A8	protein_cc chr11	60467047	60483284	+	2583	592.1957	0.00716	1.125426	0.256237	4.392124	2.82E-05	0.000474	0.740742
ENSG0000 response	Inflamed	CXCL13	protein_cc chr4	78432907	78532988	+	1431	976.1026	0.031026	-1.98609	0.452312	-4.39097	2.83E-05	0.000476	0.744034
ENSG0000 response	Inflamed	C6orf222	protein_cc chr6	36283534	36304662	-	3736	807.4702	0	0.998091	0.227307	4.390945	2.83E-05	0.000476	0.744112
ENSG0000 response	Inflamed	ELFN1	protein_cc chr7	1727755	1787590	+	3845	89.04057	0.019093	-1.15952	0.264135	-4.3899	2.84E-05	0.000477	0.747106
ENSG0000 response	Inflamed	PRRG2	protein_cc chr19	50083903	50094272	+	1701	447.432	0	0.544072	0.123974	4.388604	2.86E-05	0.000479	0.75084
ENSG0000 response	Inflamed	C1S	protein_cc chr12	7096351	7178336	+	6389	13977.73	0	-0.90944	0.207233	-4.38849	2.86E-05	0.000479	0.751156
ENSG0000 response	Inflamed	TPTE2	protein_cc chr13	19997017	20110903	-	2288	12.97375	0.131265	-1.03025	0.234827	-4.38728	2.87E-05	0.000481	0.754684
ENSG0000 response	Inflamed	CTC-265F1	sense_intr chr19	2610153	2611860	-	1708	1.214797	0.682578	-0.48361	0.110235	-4.38704	2.87E-05	0.000481	0.755373
ENSG0000 response	Inflamed	RP4-728D	antisense chr1	36035414	36043330	-	1030	26.73986	0.011933	-0.77744	0.17724	-4.38638	2.88E-05	0.000482	0.757284
ENSG0000 response	Inflamed	RP11-531	lincRNA chr11	15593569	15643937	-	465	3.128878	0.665871	-0.88628	0.2021	-4.38536	2.89E-05	0.000484	0.760269
ENSG0000 response	Inflamed	FOXD2	protein_cc chr1	47901689	47906363	+	4675	859.6158	0	0.937329	0.213805	4.384041	2.91E-05	0.000486	0.764128
ENSG0000 response	Inflamed	CH17-132	protein_cc chr2	90458201	90458671	+	347	4.176611	0.460621	-1.05278	0.240175	-4.38338	2.91E-05	0.000487	0.76607
ENSG0000 response	Inflamed	ITPRIP	protein_cc chr10	1.06E+08	1.06E+08	-	4588	1131.124	0	-0.76713	0.17501	-4.38335	2.91E-05	0.000487	0.766162
ENSG0000 response	Inflamed	CYBA	protein_cc chr16	88709691	88717560	-	3357	9033.723	0	-0.48833	0.111408	-4.38327	2.92E-05	0.000487	0.766398
ENSG0000 response	Inflamed	COL23A1	protein_cc chr5	1.78E+08	1.78E+08	-	3878	398.6038	0	-0.83977	0.191602	-4.38287	2.92E-05	0.000487	0.767569
ENSG0000 response	Inflamed	MIR192	miRNA chr11	64658609	64658718	-	110	100.8043	0.009547	1.009497	0.230348	4.38249	2.92E-05	0.000487	0.768698
ENSG0000 response	Inflamed	GDF11	protein_cc chr12	56137064	56150911	+	3846	323.6659	0	-0.57764	0.131807	-4.38246	2.92E-05	0.000487	0.768771
ENSG0000 response	Inflamed	GTSF1	protein_cc chr12	54849734	54867386	-	2524	21.24582	0.01432	-0.75328	0.171896	-4.38217	2.93E-05	0.000487	0.769642
ENSG0000 response	Inflamed	UNC13D	protein_cc chr17	73823306	73840798	-	7752	4544.162	0	-0.632	0.144243	-4.38145	2.94E-05	0.000488	0.771766
ENSG0000 response	Inflamed	KRT80	protein_cc chr12	52562780	52585784	-	4350	142.3675	0.009547	-1.40489	0.320706	-4.38062	2.95E-05	0.00049	0.774252
ENSG0000 response	Inflamed	TM6SF1	protein_cc chr15	83776159	83813606	+	2674	102.9952	0.002387	-0.64806	0.147948	-4.38031	2.95E-05	0.00049	0.775161
ENSG0000 response	Inflamed	MAP3K3	protein_cc chr17	61699775	61773663	+	6107	1864.823	0	-0.54178	0.12372	-4.3791	2.96E-05	0.000492	0.778768
ENSG0000 response	Inflamed	CTB-83J4	lincRNA chr19	55100906	55101752	+	847	2.902148	0.553699	-0.8082	0.184562	-4.37903	2.96E-05	0.000492	0.778984
ENSG0000 response	Inflamed	VSIG1	protein_cc chrX	1.07E+08	1.07E+08	+	3769	223.7422	0.045346	-1.84174	0.420752	-4.37726	2.98E-05	0.000495	0.78429
ENSG0000 response	Inflamed	UBASH3B	protein_cc chr11	1.23E+08	1.23E+08	+	9011	430.5776	0	-0.6125	0.139973	-4.37588	3.00E-05	0.000497	0.788474
ENSG0000 response	Inflamed	KRT16	protein_cc chr17	39766030	39772151	-	2475	80.31026	0.365155	-2.20909	0.504917	-4.37516	3.01E-05	0.000498	0.790644
ENSG0000 response	Inflamed	RP11-511	antisense chr1	47846600	47874149	-	483	16.01909	0.155131	0.900144	0.20577	4.374517	3.01E-05	0.000499	0.792598
ENSG0000 response	Inflamed	TTC40	protein_cc chr10	1.35E+08	1.35E+08	-	10561	9.27685	0.188544	-0.90531	0.207104	-4.37127	3.05E-05	0.000505	0.802539
ENSG0000 response	Inflamed	HOXD-AS1	antisense chr2	1.77E+08	1.77E+08	-	4851	1647.928	0	0.726186	0.166153	4.370592	3.06E-05	0.000506	0.804627
ENSG0000 response	Inflamed	RP11-16K1	antisense chr15	79271231	79278268	+	1900	4.930788	0.310263	-0.79057	0.180887	-4.37055	3.06E-05	0.000506	0.804751
ENSG0000 response	Inflamed	DENND5A	protein_cc chr11	9160372	9286937	-	8648	1639.809	0	-0.80233	0.183624	-4.36942	3.07E-05	0.000508	0.808241
ENSG0000 response	Inflamed	SAA2	protein_cc chr11	18260770	18270190	-	2227	255.1599	0.100239	-2.20191	0.504012	-4.36876	3.08E-05	0.000509	0.810292

ENSG0000 response	Inflamed	FAM174B	protein_cc chr15	93160673	93353114	-	4657	786.5561	0	0.363471	0.083224	4.367399	3.10E-05	0.000511	0.814544
ENSG0000 response	Inflamed	RP11-187E	protein_cc chr14	32414059	32419588	+	550	19.58473	0.023866	0.715877	0.163954	4.366325	3.11E-05	0.000513	0.817905
ENSG0000 response	Inflamed	RP5-881L2	antisense chr20	42976192	42983825	-	906	170.3938	0.009547	1.142125	0.261616	4.365658	3.12E-05	0.000514	0.819996
ENSG0000 response	Inflamed	PLD3	protein_cc chr19	40854363	40886346	+	5184	8170.141	0	-0.45069	0.103236	-4.36561	3.12E-05	0.000514	0.820154
ENSG0000 response	Inflamed	ALP1	protein_cc chr19	36358801	36370693	+	3656	90.46062	0.004773	-0.84213	0.192915	-4.3653	3.12E-05	0.000514	0.821109
ENSG0000 response	Inflamed	MT-TY	Mt_tRNA chrM	5826	5891	-	66	53.00955	0	0.688524	0.157734	4.365106	3.13E-05	0.000514	0.821734
ENSG0000 response	Inflamed	CFDP1	protein_cc chr16	75327596	75467383	-	3230	1057.272	0	0.417004	0.095535	4.364957	3.13E-05	0.000514	0.822205
ENSG0000 response	Inflamed	RP11-637A	lincRNA chr12	69068151	69081535	-	2845	5.916468	0.121718	-0.69051	0.158215	-4.3644	3.13E-05	0.000514	0.823958
ENSG0000 response	Inflamed	SLC22A18	protein_cc chr11	2909010	2924970	-	1782	666.5418	0	0.799364	0.183158	4.364334	3.13E-05	0.000514	0.824172
ENSG0000 response	Inflamed	HOXA11-A	antisense chr7	27224137	27228912	+	2917	605.1265	0	0.810543	0.185733	4.364015	3.14E-05	0.000515	0.825179
ENSG0000 response	Inflamed	SNCAIP	protein_cc chr5	1.22E+08	1.22E+08	+	7325	218.2291	0.002387	-0.87992	0.201642	-4.36377	3.14E-05	0.000515	0.825965
ENSG0000 response	Inflamed	CPT1C	protein_cc chr19	50194155	50216988	+	5864	96.06444	0.002387	-0.93373	0.213977	-4.3637	3.14E-05	0.000515	0.826162
ENSG0000 response	Inflamed	TEAD2	protein_cc chr19	49843852	49865714	-	2980	756.7757	0	-0.56437	0.129342	-4.36341	3.15E-05	0.000515	0.827092
ENSG0000 response	Inflamed	FAM65A	protein_cc chr16	67552321	67580691	+	6730	2058.484	0	-0.75642	0.173368	-4.36311	3.15E-05	0.000515	0.828059
ENSG0000 response	Inflamed	SRGAP2	protein_cc chr1	2.07E+08	2.07E+08	+	9263	893.2983	0	-0.57743	0.132345	-4.36307	3.15E-05	0.000515	0.828184
ENSG0000 response	Inflamed	TLR8	protein_cc chrX	12924739	12941288	+	4353	270.7375	0	-1.01004	0.231516	-4.36273	3.15E-05	0.000515	0.829255
ENSG0000 response	Inflamed	SEC14L1	protein_cc chr17	75082798	75213179	+	10846	5528.599	0	-0.59833	0.137153	-4.36252	3.16E-05	0.000515	0.829927
ENSG0000 response	Inflamed	PLAUR	protein_cc chr19	44150247	44174699	-	4457	3315.957	0	-0.83394	0.191169	-4.36232	3.16E-05	0.000515	0.830559
ENSG0000 response	Inflamed	RP5-857K2	pseudoger chr1	568137	568818	+	682	2554.248	0	0.580632	0.133104	4.362255	3.16E-05	0.000515	0.830764
ENSG0000 response	Inflamed	KCNH3	protein_cc chr12	49932940	49952091	+	4265	28.61337	0.009547	-0.74103	0.169915	-4.3612	3.17E-05	0.000517	0.834137
ENSG0000 response	Inflamed	AKAP1	protein_cc chr17	55162453	55198710	+	5399	6864.687	0	0.620616	0.142312	4.360939	3.18E-05	0.000517	0.834963
ENSG0000 response	Inflamed	TNFAIP6	protein_cc chr2	1.52E+08	1.52E+08	+	1577	173.4845	0.00716	-1.4835	0.340251	-4.36002	3.19E-05	0.000518	0.837921
ENSG0000 response	Inflamed	DDIT4	protein_cc chr10	74033678	74035794	+	2058	2590.625	0	-0.66693	0.152966	-4.35997	3.19E-05	0.000518	0.838073
ENSG0000 response	Inflamed	TECTA	protein_cc chr11	1.21E+08	1.21E+08	+	7696	43.47017	0.019093	-0.8769	0.201135	-4.35978	3.19E-05	0.000518	0.838684
ENSG0000 response	Inflamed	MRV11-AS	antisense chr11	10562819	10621479	+	1403	2.207637	0.582339	-0.67205	0.154148	-4.35977	3.19E-05	0.000518	0.838705
ENSG0000 response	Inflamed	TINCR	lincRNA chr19	5558178	5568045	-	3925	171.8067	0	1.028207	0.235904	4.358584	3.20E-05	0.00052	0.842529
ENSG0000 response	Inflamed	RP11-677A	antisense chr11	1.25E+08	1.25E+08	+	1538	49.36038	0	0.848769	0.194735	4.358576	3.20E-05	0.00052	0.842556
ENSG0000 response	Inflamed	CPXM1	protein_cc chr20	2774715	2781283	-	2391	1272.024	0	-1.19884	0.275251	-4.35544	3.24E-05	0.000526	0.852723
ENSG0000 response	Inflamed	FAM225A	lincRNA chr9	1.16E+08	1.16E+08	+	6100	30.56086	0.004773	-0.76657	0.176014	-4.35515	3.25E-05	0.000526	0.853676
ENSG0000 response	Inflamed	UGT1A1	protein_cc chr2	2.35E+08	2.35E+08	+	7982	304.0644	0.02864	1.334406	0.306516	4.353456	3.27E-05	0.000529	0.859234
ENSG0000 response	Inflamed	ISLR	protein_cc chr15	74466012	74469213	+	2671	1473.64	0	-1.0356	0.237929	-4.35255	3.28E-05	0.000531	0.862215
ENSG0000 response	Inflamed	COL24A1	protein_cc chr1	86194916	86622626	-	9568	47.90453	0.023866	-1.14646	0.263417	-4.35227	3.28E-05	0.000531	0.863138
ENSG0000 response	Inflamed	H1FO	protein_cc chr22	38201114	38203442	+	2329	8982.845	0	0.433613	0.099658	4.351019	3.30E-05	0.000533	0.867288
ENSG0000 response	Inflamed	APOC1	protein_cc chr19	45417504	45422606	+	1231	515.2243	0	-0.83141	0.191088	-4.35092	3.30E-05	0.000533	0.867611
ENSG0000 response	Inflamed	IGKV1-8	IG_V_gene chr2	89291928	89292450	-	398	498.9905	0.002387	-1.45703	0.334934	-4.3502	3.31E-05	0.000534	0.870018
ENSG0000 response	Inflamed	CR1L	protein_cc chr1	2.08E+08	2.08E+08	+	2768	6.534606	0.231504	-0.83233	0.191367	-4.3494	3.32E-05	0.000536	0.87268
ENSG0000 response	Inflamed	MMP19	protein_cc chr12	56229217	56236750	-	4672	1057.27	0	-0.96852	0.222688	-4.34923	3.32E-05	0.000536	0.873249
ENSG0000 response	Inflamed	CLEC2B	protein_cc chr12	10005583	10022735	-	2638	292.1599	0	-0.7883	0.181252	-4.34916	3.32E-05	0.000536	0.873461
ENSG0000 response	Inflamed	ACO2	protein_cc chr22	41865129	41924993	+	4041	11566.55	0	0.370011	0.085083	4.348844	3.33E-05	0.000536	0.874531
ENSG0000 response	Inflamed	FGFR2	protein_cc chr10	1.23E+08	1.23E+08	-	7543	1615.912	0	1.016131	0.233683	4.348339	3.33E-05	0.000537	0.876224

ENSG0000 response	Inflamed	DUSP4	protein_cc chr8	29190581	29208185	-	7257	816.9069	0	-0.99383	0.228569	-4.34805	3.34E-05	0.000537	0.877189
ENSG0000 response	Inflamed	RARRES2	protein_cc chr7	1.5E+08	1.5E+08	-	1919	2346.888	0	-0.81698	0.187923	-4.34745	3.34E-05	0.000538	0.879218
ENSG0000 response	Inflamed	CTD-2583F	antisense chr16	12853139	12855019	+	927	2.787589	0.463007	-0.6846	0.157501	-4.34666	3.35E-05	0.000539	0.881859
ENSG0000 response	Inflamed	HVCN1	protein_cc chr12	1.11E+08	1.11E+08	-	3595	473.9236	0	-0.79088	0.181952	-4.34663	3.35E-05	0.000539	0.88198
ENSG0000 response	Inflamed	VASH1	protein_cc chr14	77228532	77249354	+	6498	2023.391	0	-0.61968	0.142607	-4.34538	3.37E-05	0.000541	0.886187
ENSG0000 response	Inflamed	P2RX5	protein_cc chr17	3575493	3599698	-	4190	344.4821	0	-1.07536	0.24748	-4.34525	3.37E-05	0.000541	0.886629
ENSG0000 response	Inflamed	RASAL3	protein_cc chr19	15562435	15575382	-	4681	1285.778	0	-0.73728	0.169717	-4.34419	3.39E-05	0.000543	0.890239
ENSG0000 response	Inflamed	CCDC64B	protein_cc chr16	3077683	3086927	-	4690	3662.446	0	0.853609	0.196552	4.342905	3.40E-05	0.000545	0.894618
ENSG0000 response	Inflamed	ZHX2	protein_cc chr8	1.24E+08	1.24E+08	+	4714	1349.826	0	-0.55871	0.128652	-4.34281	3.40E-05	0.000545	0.894927
ENSG0000 response	Inflamed	IGHV4-59	IG_V_gene chr14	1.07E+08	1.07E+08	-	1432	15020.42	0	-1.18798	0.273566	-4.34256	3.41E-05	0.000545	0.895803
ENSG0000 response	Inflamed	CHSY3	protein_cc chr5	1.29E+08	1.3E+08	+	3938	57.33174	0.02148	-0.92951	0.214073	-4.34203	3.41E-05	0.000546	0.897632
ENSG0000 response	Inflamed	TBXAS1	protein_cc chr7	1.39E+08	1.4E+08	+	6271	1252.377	0	-0.57012	0.131305	-4.34199	3.41E-05	0.000546	0.897766
ENSG0000 response	Inflamed	CTC-241F2	antisense chr19	48758932	48761456	+	1969	170.5084	0	-0.62266	0.143434	-4.34108	3.43E-05	0.000547	0.900886
ENSG0000 response	Inflamed	GNA11	protein_cc chr19	3094408	3124002	+	6242	13821.31	0	0.610837	0.140717	4.340876	3.43E-05	0.000547	0.901581
ENSG0000 response	Inflamed	PLEKHF1	protein_cc chr19	30155963	30166364	+	2681	354.1551	0	-0.56751	0.130743	-4.34061	3.43E-05	0.000548	0.902493
ENSG0000 response	Inflamed	IGHV2-26	IG_V_gene chr14	1.07E+08	1.07E+08	-	381	2231.663	0	-1.47228	0.339379	-4.33815	3.47E-05	0.000552	0.911031
ENSG0000 response	Inflamed	CNNM2	protein_cc chr10	1.05E+08	1.05E+08	+	16324	1473.356	0	0.572606	0.131998	4.338005	3.47E-05	0.000552	0.911526
ENSG0000 response	Inflamed	TGFB2	protein_cc chr1	2.19E+08	2.19E+08	+	5151	76.62053	0.02148	-1.05665	0.243591	-4.3378	3.47E-05	0.000553	0.912229
ENSG0000 response	Inflamed	HMG1P7	pseudoger chr3	93707478	93707790	-	313	4.761337	0.238663	0.710405	0.163783	4.337484	3.47E-05	0.000553	0.91334
ENSG0000 response	Inflamed	TMEM256	protein_cc chr17	7293046	7307416	-	3227	86.1599	0.002387	-0.53237	0.122811	-4.33486	3.51E-05	0.000558	0.92253
ENSG0000 response	Inflamed	IGLV7-46	IG_V_gene chr22	22723982	22724454	+	384	4029.036	0	-1.35654	0.312939	-4.33485	3.51E-05	0.000558	0.922581
ENSG0000 response	Inflamed	APLN	protein_cc chrX	1.29E+08	1.29E+08	-	3220	93.99523	0.011933	-1.19447	0.275563	-4.33466	3.51E-05	0.000558	0.923226
ENSG0000 response	Inflamed	AC112198	pseudoger chr5	54104038	54168379	-	6996	1.792363	0.653938	-0.6768	0.156145	-4.33443	3.51E-05	0.000558	0.924066
ENSG0000 response	Inflamed	DNAJC12	protein_cc chr10	69556427	69597924	-	2117	223.7947	0	0.773311	0.178428	4.334018	3.52E-05	0.000559	0.925506
ENSG0000 response	Inflamed	IGKV1-13	IG_V_pseu chr2	89345492	89345963	-	347	34.05251	0.145585	-1.24856	0.288125	-4.33339	3.53E-05	0.00056	0.927717
ENSG0000 response	Inflamed	USF1	protein_cc chr1	1.61E+08	1.61E+08	-	2336	1874.317	0	-0.30303	0.06994	-4.33278	3.54E-05	0.000561	0.929885
ENSG0000 response	Inflamed	KRT6B	protein_cc chr12	52840435	52845910	-	2282	280.5084	0.119332	-2.05718	0.474816	-4.33258	3.54E-05	0.000561	0.930594
ENSG0000 response	Inflamed	SLC7A7	protein_cc chr14	23242431	23299029	-	5131	1306.236	0	-0.56728	0.130948	-4.33214	3.55E-05	0.000561	0.932167
ENSG0000 response	Inflamed	CASC4P1	pseudoger chr13	20137729	20139040	-	1312	6.923628	0.157518	-0.79559	0.183744	-4.32988	3.58E-05	0.000566	0.940238
ENSG0000 response	Inflamed	FAM110B	protein_cc chr8	58907068	59116838	+	4943	160.4057	0.00716	-0.88205	0.203718	-4.32975	3.58E-05	0.000566	0.940694
ENSG0000 response	Inflamed	CBR3-AS1	processed_chr21	37504065	37528615	-	6438	182.9189	0	0.764096	0.176555	4.327813	3.60E-05	0.00057	0.947682
ENSG0000 response	Inflamed	CD33	protein_cc chr19	51728320	51747115	+	5975	243.6778	0	-0.51508	0.119062	-4.32612	3.63E-05	0.000573	0.953813
ENSG0000 response	Inflamed	RETNLB	protein_cc chr3	1.08E+08	1.08E+08	-	1106	1189.601	0.009547	1.653077	0.382141	4.325833	3.63E-05	0.000573	0.954864
ENSG0000 response	Inflamed	CRELD2	protein_cc chr22	50311815	50321188	+	5165	2782.222	0	-0.45119	0.104316	-4.32519	3.64E-05	0.000574	0.957204
ENSG0000 response	Inflamed	KRTCAP3	protein_cc chr2	27665233	27669348	+	1403	1113.446	0	0.645453	0.149232	4.325152	3.64E-05	0.000574	0.957347
ENSG0000 response	Inflamed	XKR3	protein_cc chr22	17264302	17302589	-	1690	1.026253	0.799523	-0.43044	0.099573	-4.32284	3.67E-05	0.000578	0.965811
ENSG0000 response	Inflamed	SLC39A4	protein_cc chr8	1.46E+08	1.46E+08	-	5033	2103.897	0	0.638569	0.147722	4.322771	3.67E-05	0.000578	0.966073
ENSG0000 response	Inflamed	RP11-1084	antisense chr8	1.1E+08	1.1E+08	-	890	5.980907	0.295943	-0.83865	0.194082	-4.32112	3.70E-05	0.000582	0.972167
ENSG0000 response	Inflamed	FAM157B	lincRNA chr9	1.41E+08	1.41E+08	+	2233	8.937947	0.324582	-1.08008	0.250032	-4.31979	3.72E-05	0.000584	0.977127
ENSG0000 response	Inflamed	TRPM4	protein_cc chr19	49660998	49715093	+	6604	8946.905	0	0.596869	0.138182	4.319457	3.72E-05	0.000585	0.978352

ENSG0000 response	Inflamed	ELOVL2	protein_cc chr6	10980992	11044547	-	3997	28.23628	0.200477	-1.43615	0.332518	-4.319	3.73E-05	0.000585	0.980039
ENSG0000 response	Inflamed	TPD52L2	protein_cc chr20	62496596	62522898	+	4679	4273.031	0	-0.25224	0.058408	-4.31853	3.73E-05	0.000586	0.9818
ENSG0000 response	Inflamed	EDNRA	protein_cc chr4	1.48E+08	1.48E+08	+	4238	317.7589	0.002387	-1.09748	0.254279	-4.31604	3.77E-05	0.000591	0.991161
ENSG0000 response	Inflamed	RP3-4770	antisense chr20	34064028	34078808	-	839	25.50358	0.002387	-0.70296	0.162881	-4.31579	3.77E-05	0.000592	0.992112
ENSG0000 response	Inflamed	RAB39B	protein_cc chrX	1.54E+08	1.54E+08	-	3505	79.8043	0.009547	-0.94077	0.218	-4.31548	3.78E-05	0.000592	0.993286
ENSG0000 response	Inflamed	FLI1	protein_cc chr11	1.29E+08	1.29E+08	+	8479	1230.11	0	-0.73331	0.169991	-4.3138	3.80E-05	0.000595	0.999665
ENSG0000 response	Inflamed	EMR1	protein_cc chr19	6887577	6940470	+	3707	238.568	0	-0.9737	0.225728	-4.31361	3.81E-05	0.000595	1
ENSG0000 response	Inflamed	LRRC32	protein_cc chr11	76368568	76381791	-	4459	1769.683	0	-0.70053	0.162422	-4.31304	3.81E-05	0.000596	1
ENSG0000 response	Inflamed	CLEC7A	protein_cc chr12	10269376	10282857	-	4190	497.5012	0	-0.98005	0.227253	-4.31258	3.82E-05	0.000597	1
ENSG0000 response	Inflamed	AL022341	antisense chr16	698473	699200	-	389	12.42482	0.026253	-0.72905	0.169067	-4.31219	3.83E-05	0.000598	1
ENSG0000 response	Inflamed	LINC00537	pseudoger chr9	68413482	68414196	-	715	13.94988	0.078759	-0.84836	0.196786	-4.31107	3.84E-05	0.0006	1
ENSG0000 response	Inflamed	NDRG2	protein_cc chr14	21484922	21539031	-	7550	4164.998	0	0.627459	0.145573	4.310276	3.85E-05	0.000601	1
ENSG0000 response	Inflamed	RAMP2	protein_cc chr17	40910465	40915059	+	1148	587.0024	0	-0.84792	0.196804	-4.30845	3.88E-05	0.000605	1
ENSG0000 response	Inflamed	SRM	protein_cc chr1	11114641	11120081	-	1898	2310.391	0	-0.54635	0.126817	-4.30816	3.88E-05	0.000605	1
ENSG0000 response	Inflamed	IGKV1-37	IG_V_gene chr2	89597021	89597542	-	398	12.03341	0.131265	-1.01736	0.236213	-4.30695	3.90E-05	0.000608	1
ENSG0000 response	Inflamed	PPP3CC	protein_cc chr8	22298332	22398652	+	2896	414.9737	0	-0.49933	0.116024	-4.30369	3.95E-05	0.000615	1
ENSG0000 response	Inflamed	XCR1	protein_cc chr3	46058516	46069234	-	5403	210.7375	0.002387	-0.89591	0.208186	-4.30339	3.96E-05	0.000615	1
ENSG0000 response	Inflamed	WNK2	protein_cc chr9	95947198	96082854	+	13198	5181.809	0	1.089856	0.253277	4.303024	3.96E-05	0.000616	1
ENSG0000 response	Inflamed	CABYR	protein_cc chr18	21718942	21741567	+	3195	13.29594	0.026253	-0.59311	0.137854	-4.30248	3.97E-05	0.000616	1
ENSG0000 response	Inflamed	PELO	protein_cc chr5	52083774	52099880	+	4349	565.4582	0	-0.32533	0.075617	-4.30236	3.97E-05	0.000616	1
ENSG0000 response	Inflamed	RP11-809C	antisense chr8	1.42E+08	1.42E+08	-	807	32.74702	0	-0.5913	0.137436	-4.30233	3.97E-05	0.000616	1
ENSG0000 response	Inflamed	XX-CR54.3	lincRNA chr1	2.49E+08	2.49E+08	-	1098	49.8568	0.069212	1.377999	0.320419	4.300619	4.00E-05	0.00062	1
ENSG0000 response	Inflamed	CLEC17A	protein_cc chr19	14693896	14721969	+	2265	126.2411	0.026253	-1.35991	0.316308	-4.29933	4.02E-05	0.000622	1
ENSG0000 response	Inflamed	FAM117A	protein_cc chr17	47787694	47866542	-	3836	874.0907	0	-0.5273	0.122649	-4.29926	4.02E-05	0.000622	1
ENSG0000 response	Inflamed	LINC00694	lincRNA chr3	44462619	44465499	-	732	33.77804	0.016706	-1.10061	0.256001	-4.29923	4.02E-05	0.000622	1
ENSG0000 response	Inflamed	LHX6	protein_cc chr9	1.25E+08	1.25E+08	-	5748	187.6134	0.004773	-0.95386	0.221922	-4.29816	4.04E-05	0.000624	1
ENSG0000 response	Inflamed	BICD1	protein_cc chr12	32259769	32536567	+	11790	269.8831	0.002387	-0.83559	0.194479	-4.29656	4.06E-05	0.000628	1
ENSG0000 response	Inflamed	RP11-772E	pseudoger chr5	1.26E+08	1.26E+08	-	232	11.62768	0.155131	0.795794	0.185254	4.29569	4.07E-05	0.00063	1
ENSG0000 response	Inflamed	IGKV3OR2	IG_V_gene chr2	87565634	87566158	+	350	71.0358	0.033413	-1.39246	0.324235	-4.2946	4.09E-05	0.000632	1
ENSG0000 response	Inflamed	LOXL1-AS1	antisense chr15	74200424	74220589	-	4081	120.6683	0	-0.66107	0.154026	-4.29196	4.13E-05	0.000638	1
ENSG0000 response	Inflamed	GSG1L	protein_cc chr16	27798850	28074830	-	5219	9.202864	0.317422	0.838017	0.195269	4.291599	4.14E-05	0.000638	1
ENSG0000 response	Inflamed	SGTB	protein_cc chr5	64961755	65018862	-	5748	191.3604	0	-0.80463	0.187496	-4.29147	4.14E-05	0.000638	1
ENSG0000 response	Inflamed	CHSY1	protein_cc chr15	1.02E+08	1.02E+08	-	5555	1472.931	0	-0.73492	0.171252	-4.29143	4.14E-05	0.000638	1
ENSG0000 response	Inflamed	PAPLN	protein_cc chr14	73704205	73741348	+	7699	2175.208	0	-0.82975	0.193359	-4.29126	4.14E-05	0.000638	1
ENSG0000 response	Inflamed	SLC26A9	protein_cc chr1	2.06E+08	2.06E+08	-	5628	19.05251	0.374702	-1.4783	0.344573	-4.29022	4.16E-05	0.00064	1
ENSG0000 response	Inflamed	FEV	protein_cc chr2	2.2E+08	2.2E+08	-	2049	122.6062	0.023866	1.400286	0.326443	4.289532	4.17E-05	0.000641	1
ENSG0000 response	Inflamed	FGF12	protein_cc chr3	1.92E+08	1.92E+08	-	7355	13.49642	0.042959	-0.799	0.186295	-4.28891	4.18E-05	0.000643	1
ENSG0000 response	Inflamed	FMNL3	protein_cc chr12	50031724	50101948	-	11982	2447.007	0	-0.72187	0.168414	-4.28628	4.22E-05	0.000649	1
ENSG0000 response	Inflamed	LYPD8	protein_cc chr1	2.49E+08	2.49E+08	-	435	2580.933	0.00716	1.87586	0.437736	4.285368	4.24E-05	0.000651	1
ENSG0000 response	Inflamed	SHD	protein_cc chr19	4278598	4290721	+	2811	276.4296	0	0.873661	0.203906	4.284617	4.25E-05	0.000652	1

ENSG0000 response	Inflamed	B3GNT6	protein_cc chr11	76745385	76753096	+	2762	3343.874	0	1.082286	0.252619	4.284267	4.25E-05	0.000652	1
ENSG0000 response	Inflamed	PTGFR	protein_cc chr1	78769568	79005434	+	4714	204.1384	0.004773	-1.32783	0.309938	-4.28416	4.26E-05	0.000652	1
ENSG0000 response	Inflamed	CRISPLD1	protein_cc chr8	75896750	75946793	+	4543	36.30072	0.045346	-1.07141	0.250135	-4.28333	4.27E-05	0.000654	1
ENSG0000 response	Inflamed	SERHL	processed_chr22	42896585	42908566	+	1742	5.520286	0.183771	0.667669	0.155877	4.283299	4.27E-05	0.000654	1
ENSG0000 response	Inflamed	CHCHD10	protein_cc chr22	24108021	24110630	-	1360	4395.291	0	0.494423	0.115435	4.283111	4.27E-05	0.000654	1
ENSG0000 response	Inflamed	CARD11	protein_cc chr7	2945775	3083579	-	4707	930.8234	0	-0.83131	0.194115	-4.28259	4.28E-05	0.000654	1
ENSG0000 response	Inflamed	CD80	protein_cc chr3	1.19E+08	1.19E+08	-	3201	96.97375	0.004773	-1.06668	0.249076	-4.28253	4.28E-05	0.000654	1
ENSG0000 response	Inflamed	RP1-2780	lincRNA chr20	10733738	10734614	+	438	60.84487	0.011933	0.980616	0.228983	4.282492	4.28E-05	0.000654	1
ENSG0000 response	Inflamed	P2RX5-TA	protein_cc chr17	3566357	3599488	-	5905	19.56802	0.047733	-0.84881	0.198219	-4.28219	4.29E-05	0.000654	1
ENSG0000 response	Inflamed	EXPH5	protein_cc chr11	1.08E+08	1.08E+08	-	10843	616.2243	0.002387	1.398139	0.32651	4.282076	4.29E-05	0.000654	1
ENSG0000 response	Inflamed	AC009061	pseudoger chr16	67466595	67468931	+	2334	1357.131	0.016706	1.573063	0.367397	4.281644	4.30E-05	0.000655	1
ENSG0000 response	Inflamed	TGIF2	protein_cc chr20	35201891	35222353	+	3784	655.6158	0	-0.61118	0.142751	-4.28143	4.30E-05	0.000655	1
ENSG0000 response	Inflamed	PNPLA3	protein_cc chr22	44319619	44360368	+	3232	48.68974	0.033413	-1.00436	0.23463	-4.28063	4.31E-05	0.000657	1
ENSG0000 response	Inflamed	RP11-3831	protein_cc chr8	72740402	73030628	+	6284	115.0859	0.002387	-0.81078	0.189411	-4.28053	4.31E-05	0.000657	1
ENSG0000 response	Inflamed	CDCA4	protein_cc chr14	1.05E+08	1.05E+08	-	2513	405.389	0	-0.35982	0.084066	-4.28022	4.32E-05	0.000657	1
ENSG0000 response	Inflamed	SLC15A4	protein_cc chr12	1.29E+08	1.29E+08	-	5493	819.3604	0	-0.42401	0.099067	-4.28006	4.32E-05	0.000657	1
ENSG0000 response	Inflamed	ADPRHL1	protein_cc chr13	1.14E+08	1.14E+08	-	2308	134.179	0	0.465375	0.108738	4.279802	4.33E-05	0.000657	1
ENSG0000 response	Inflamed	SLC8A3	protein_cc chr14	70510934	70655787	-	8444	56.05967	0.016706	-0.83577	0.195306	-4.27928	4.33E-05	0.000658	1
ENSG0000 response	Inflamed	CPPED1	protein_cc chr16	12756919	12897874	-	3221	979.9332	0	-0.37786	0.088301	-4.27925	4.34E-05	0.000658	1
ENSG0000 response	Inflamed	NUS1P3	pseudoger chr13	24902349	24903210	+	862	4.183771	0.391408	0.699583	0.163495	4.278927	4.34E-05	0.000659	1
ENSG0000 response	Inflamed	GP2	protein_cc chr16	20320894	20339130	-	4048	193.1575	0.009547	1.305573	0.305132	4.278713	4.34E-05	0.000659	1
ENSG0000 response	Inflamed	AC078883	antisense chr2	1.73E+08	1.73E+08	-	1077	22.43198	0.011933	-0.67062	0.156761	-4.27796	4.36E-05	0.00066	1
ENSG0000 response	Inflamed	YPEL3	protein_cc chr16	30103635	30108236	-	3181	1807.468	0	-0.47323	0.110643	-4.27771	4.37E-05	0.000661	1
ENSG0000 response	Inflamed	EGFLAM	protein_cc chr5	38258511	38465123	+	5724	322.4749	0.002387	-1.00604	0.235218	-4.27707	4.37E-05	0.000661	1
ENSG0000 response	Inflamed	MGAT1	protein_cc chr5	1.8E+08	1.8E+08	-	5817	9325.575	0	-0.35249	0.082417	-4.27692	4.37E-05	0.000661	1
ENSG0000 response	Inflamed	PTPRC	protein_cc chr1	1.99E+08	1.99E+08	+	8507	3062.084	0	-1.04354	0.243998	-4.27684	4.38E-05	0.000661	1
ENSG0000 response	Inflamed	ATP2C2	protein_cc chr16	84402133	84497793	+	6693	4655.943	0	0.925511	0.216419	4.276473	4.38E-05	0.000662	1
ENSG0000 response	Inflamed	RP11-4321	antisense chr16	71757083	71758133	+	777	12.48687	0.124105	0.727686	0.170163	4.27642	4.38E-05	0.000662	1
ENSG0000 response	Inflamed	IGKV1D-33	IG_V_gene chr2	89952792	89953355	+	440	326.4558	0	-1.22555	0.286592	-4.27629	4.38E-05	0.000662	1
ENSG0000 response	Inflamed	GPR35	protein_cc chr2	2.42E+08	2.42E+08	+	3144	2482.53	0	0.572927	0.134017	4.275035	4.41E-05	0.000664	1
ENSG0000 response	Inflamed	RP11-2531	antisense chr15	69689243	69707368	-	2265	9.608592	0.095465	-0.82412	0.192796	-4.27455	4.41E-05	0.000665	1
ENSG0000 response	Inflamed	BCL2L1	protein_cc chr20	30252255	30311792	-	3314	4955.94	0	-0.35309	0.082603	-4.27447	4.41E-05	0.000665	1
ENSG0000 response	Inflamed	ADRB2	protein_cc chr5	1.48E+08	1.48E+08	+	2041	120.1575	0.002387	-0.57719	0.135047	-4.274	4.42E-05	0.000666	1
ENSG0000 response	Inflamed	VIL1	protein_cc chr2	2.19E+08	2.19E+08	+	6920	13172.8	0	1.091649	0.25543	4.273764	4.43E-05	0.000666	1
ENSG0000 response	Inflamed	P2RX1	protein_cc chr17	3799886	3819794	-	3970	737.7136	0	-0.77281	0.180834	-4.2736	4.43E-05	0.000666	1
ENSG0000 response	Inflamed	MFAP2	protein_cc chr1	17300997	17307330	-	2915	247.2029	0.002387	-0.95237	0.222961	-4.27149	4.46E-05	0.000671	1
ENSG0000 response	Inflamed	AC003991	antisense chr7	87848674	87921781	+	2825	15.43437	0.045346	0.849168	0.198806	4.271334	4.47E-05	0.000671	1
ENSG0000 response	Inflamed	LINC00582	antisense chr1	2.32E+08	2.32E+08	-	597	24.93079	0.016706	-0.91962	0.215312	-4.27113	4.47E-05	0.000671	1
ENSG0000 response	Inflamed	AKIP1	protein_cc chr11	8932686	8941631	+	2300	370.5847	0	-0.28561	0.066882	-4.27029	4.49E-05	0.000673	1
ENSG0000 response	Inflamed	IGHV3-21	IG_V_gene chr14	1.07E+08	1.07E+08	-	430	16243.19	0	-1.30906	0.306604	-4.26953	4.50E-05	0.000675	1

ENSG0000 response	Inflamed	NDUFS3	protein_cc chr11	47586888	47606114	+	3670	1915.243	0	0.347247	0.081336	4.269315	4.50E-05	0.000675	1
ENSG0000 response	Inflamed	IGKV1D-8	IG_V_gene chr2	90259593	90260248	+	532	108.8425	0.011933	-1.30732	0.306226	-4.26913	4.50E-05	0.000675	1
ENSG0000 response	Inflamed	C19orf77	protein_cc chr19	3474405	3480540	-	1077	663.401	0	0.944782	0.221395	4.26741	4.53E-05	0.000679	1
ENSG0000 response	Inflamed	PCSK6	protein_cc chr15	1.02E+08	1.02E+08	-	9348	2759.527	0	0.697502	0.163459	4.267138	4.54E-05	0.000679	1
ENSG0000 response	Inflamed	GOLT1A	protein_cc chr1	2.04E+08	2.04E+08	-	1136	164.4057	0.004773	0.876904	0.205517	4.266832	4.54E-05	0.00068	1
ENSG0000 response	Inflamed	SBNO2	protein_cc chr19	1107636	1174282	-	6476	7246.43	0	-0.65958	0.154594	-4.2665	4.55E-05	0.00068	1
ENSG0000 response	Inflamed	HSD17B11	protein_cc chr4	88257762	88312538	-	2435	3544.835	0	0.56287	0.131932	4.266361	4.55E-05	0.00068	1
ENSG0000 response	Inflamed	ESRRA	protein_cc chr11	64073044	64084215	+	3030	5739.764	0	0.401746	0.094169	4.266214	4.55E-05	0.00068	1
ENSG0000 response	Inflamed	RP11-339E	sense_intr chr9	1.31E+08	1.31E+08	+	409	6.472554	0.112172	-0.66539	0.155989	-4.26561	4.57E-05	0.000681	1
ENSG0000 response	Inflamed	IGKV2-24	IG_V_gene chr2	89475812	89476644	-	390	3608.019	0.002387	-1.32511	0.310677	-4.26524	4.57E-05	0.000682	1
ENSG0000 response	Inflamed	CTDSPL	protein_cc chr3	37903451	38025960	+	5796	2721.451	0	0.517236	0.121282	4.264749	4.58E-05	0.000682	1
ENSG0000 response	Inflamed	FSTL3	protein_cc chr19	676392	683385	+	3144	543.3532	0	-0.80509	0.188783	-4.26463	4.58E-05	0.000682	1
ENSG0000 response	Inflamed	RP11-701F	pseudoger chr4	1.86E+08	1.86E+08	-	751	1.813842	0.756563	-0.74149	0.173871	-4.26457	4.58E-05	0.000682	1
ENSG0000 response	Inflamed	RP4-607I7	antisense chr11	35154202	35159579	-	1214	6.894988	0.116945	-0.70397	0.165086	-4.26424	4.59E-05	0.000683	1
ENSG0000 response	Inflamed	USP2-AS1	antisense chr11	1.19E+08	1.19E+08	+	4762	29.96181	0.019093	0.851307	0.199692	4.263097	4.61E-05	0.000685	1
ENSG0000 response	Inflamed	ANXA5	protein_cc chr4	1.23E+08	1.23E+08	-	3034	5400.561	0	-0.5958	0.139766	-4.26284	4.61E-05	0.000685	1
ENSG0000 response	Inflamed	RP11-553A	antisense chr6	74403626	74405854	-	1973	2.656325	0.389021	-0.63218	0.148304	-4.26275	4.61E-05	0.000685	1
ENSG0000 response	Inflamed	C20orf195	protein_cc chr20	62184373	62188061	+	1201	8.427208	0.081146	-0.65768	0.154296	-4.26247	4.62E-05	0.000686	1
ENSG0000 response	Inflamed	SLC35D2	protein_cc chr9	99082988	99145992	-	2203	2019.315	0	0.425942	0.099932	4.262332	4.62E-05	0.000686	1
ENSG0000 response	Inflamed	SEMG2	protein_cc chr20	43849941	43853099	+	2051	5.98568	0.577566	-1.14021	0.267545	-4.26173	4.63E-05	0.000687	1
ENSG0000 response	Inflamed	CERS5	protein_cc chr12	50523575	50561288	-	6235	746.5274	0	-0.33915	0.079585	-4.26145	4.64E-05	0.000687	1
ENSG0000 response	Inflamed	AC073316	antisense chr7	3303664	3342084	-	982	10.93317	0.112172	-0.95535	0.224251	-4.26019	4.66E-05	0.00069	1
ENSG0000 response	Inflamed	PLEKHJ1	protein_cc chr19	2230002	2237703	-	4736	3312.258	0	0.389842	0.091515	4.259882	4.67E-05	0.00069	1
ENSG0000 response	Inflamed	ACSL1	protein_cc chr4	1.86E+08	1.86E+08	-	6134	2249.652	0	-1.00508	0.235943	-4.25984	4.67E-05	0.00069	1
ENSG0000 response	Inflamed	RNF122	protein_cc chr8	33405273	33424643	-	1868	362.716	0	-0.52637	0.123589	-4.25903	4.68E-05	0.000692	1
ENSG0000 response	Inflamed	AC024592	antisense chr19	5847478	5858250	+	1188	30.47255	0.085919	1.059742	0.248897	4.257759	4.70E-05	0.000695	1
ENSG0000 response	Inflamed	TYMP	protein_cc chr22	50964181	50968485	-	3320	5059.427	0	-0.79771	0.187355	-4.25774	4.70E-05	0.000695	1
ENSG0000 response	Inflamed	RP11-768F	lincRNA chr12	1.2E+08	1.2E+08	-	1013	4.988067	0.116945	-0.48566	0.114072	-4.25753	4.71E-05	0.000695	1
ENSG0000 response	Inflamed	NOTCH4	protein_cc chr6	32162620	32191844	-	9748	927.6301	0	-0.83447	0.196024	-4.25698	4.72E-05	0.000695	1
ENSG0000 response	Inflamed	RP11-555k	pseudoger chr4	1.53E+08	1.53E+08	-	777	8.341289	0.116945	-0.78443	0.184272	-4.25693	4.72E-05	0.000695	1
ENSG0000 response	Inflamed	RP11-761E	lincRNA chrX	1.15E+08	1.15E+08	-	2079	5.914081	0.126492	0.575739	0.135251	4.256836	4.72E-05	0.000695	1
ENSG0000 response	Inflamed	TESC	protein_cc chr12	1.17E+08	1.18E+08	-	1926	245.432	0	-0.91033	0.213945	-4.25497	4.75E-05	0.0007	1
ENSG0000 response	Inflamed	PCSK1N	protein_cc chrX	48689504	48694035	-	1347	262.7924	0.002387	1.094495	0.257233	4.254871	4.75E-05	0.0007	1
ENSG0000 response	Inflamed	AEBP1	protein_cc chr7	44143960	44154161	+	4955	7456.258	0	-0.90505	0.212742	-4.25419	4.77E-05	0.000701	1
ENSG0000 response	Inflamed	AVPR1A	protein_cc chr12	63539014	63544722	-	1678	17.37709	0.095465	-1.09245	0.256809	-4.25394	4.77E-05	0.000701	1
ENSG0000 response	Inflamed	AP001046	lincRNA chr21	44783212	44786446	+	2816	1.367542	0.706444	-0.60227	0.14164	-4.2521	4.80E-05	0.000706	1
ENSG0000 response	Inflamed	IGLJ1	IG_J_gene chr22	23235872	23235998	+	127	6.570406	0.143198	-0.6732	0.158343	-4.25156	4.81E-05	0.000707	1
ENSG0000 response	Inflamed	CTNNA1	pseudoger chr5	1.15E+08	1.15E+08	-	2728	20.20286	0.040573	0.877848	0.206553	4.25	4.84E-05	0.00071	1
ENSG0000 response	Inflamed	IGKV6-21	IG_V_gene chr2	89459235	89459850	-	406	866.5823	0.002387	-1.37212	0.322862	-4.24987	4.84E-05	0.00071	1
ENSG0000 response	Inflamed	SCAMP2	protein_cc chr15	75136071	75165706	-	5000	11233.87	0	0.315864	0.074324	4.249825	4.85E-05	0.00071	1

ENSG0000 response	Inflamed	CRYBA4	protein_cc chr22	27017928	27026636	+	811	5.940334	0.157518	-0.76174	0.17925	-4.24962	4.85E-05	0.000711	1
ENSG0000 response	Inflamed	RP11-322E	lincRNA chr18	33023833	33047052	-	916	5.355609	0.183771	-0.65201	0.153448	-4.24905	4.86E-05	0.000711	1
ENSG0000 response	Inflamed	ACSL4	protein_cc chrX	1.09E+08	1.09E+08	-	6415	1924.143	0	-1.17108	0.275614	-4.24899	4.86E-05	0.000711	1
ENSG0000 response	Inflamed	RBMXL2	protein_cc chr11	7110165	7112379	+	2215	2.346062	0.498807	-0.62644	0.147436	-4.2489	4.86E-05	0.000711	1
ENSG0000 response	Inflamed	TMIGD1	protein_cc chr17	28643351	28661077	-	1228	954.4368	0.023866	2.129071	0.501202	4.247933	4.88E-05	0.000714	1
ENSG0000 response	Inflamed	RPS6KA2	protein_cc chr6	1.67E+08	1.67E+08	-	8243	2703.835	0	-0.57549	0.135493	-4.24737	4.89E-05	0.000715	1
ENSG0000 response	Inflamed	RP11-697E	lincRNA chr15	90788645	90789043	+	399	5.470167	0.128878	0.52054	0.122577	4.246648	4.90E-05	0.000716	1
ENSG0000 response	Inflamed	SCP2	protein_cc chr1	53392901	53517375	+	8305	4876.172	0	0.514232	0.1211	4.246333	4.91E-05	0.000717	1
ENSG0000 response	Inflamed	LDHD	protein_cc chr16	75145758	75150669	-	2359	2206.461	0	0.87406	0.20591	4.244868	4.94E-05	0.00072	1
ENSG0000 response	Inflamed	CD1B	protein_cc chr1	1.58E+08	1.58E+08	-	1395	23.73747	0.124105	-1.16615	0.274724	-4.24479	4.94E-05	0.00072	1
ENSG0000 response	Inflamed	APOL1	protein_cc chr22	36649056	36663576	+	3519	7445.377	0	-0.90319	0.212815	-4.24401	4.95E-05	0.000722	1
ENSG0000 response	Inflamed	FZD10	protein_cc chr12	1.31E+08	1.31E+08	+	3282	107.5227	0.00716	-0.97519	0.229798	-4.24368	4.96E-05	0.000722	1
ENSG0000 response	Inflamed	CCDC163P	protein_cc chr1	45959538	45965751	-	2757	157.2315	0	-0.6753	0.159136	-4.24356	4.96E-05	0.000722	1
ENSG0000 response	Inflamed	RP11-845C	sense_intr chr18	56038798	56039898	+	1101	2.816229	0.439141	0.645367	0.152117	4.242571	4.98E-05	0.000725	1
ENSG0000 response	Inflamed	PDLIM4	protein_cc chr5	1.32E+08	1.32E+08	+	3192	557.9785	0	-0.84428	0.199041	-4.24173	5.00E-05	0.000726	1
ENSG0000 response	Inflamed	SLC35G1	protein_cc chr10	95653730	95715819	+	6829	498.9379	0	0.78036	0.183979	4.241579	5.00E-05	0.000726	1
ENSG0000 response	Inflamed	UQCRFS1	protein_cc chr19	29698173	29704448	-	1530	3843.852	0	0.334316	0.07882	4.241498	5.00E-05	0.000726	1
ENSG0000 response	Inflamed	NLRP3	protein_cc chr1	2.48E+08	2.48E+08	+	4757	287.7518	0	-0.90893	0.214341	-4.24059	5.02E-05	0.000728	1
ENSG0000 response	Inflamed	MT-TL2	Mt_tRNA chrM	12266	12336	+	71	16.25776	0.054893	0.880711	0.207687	4.240569	5.02E-05	0.000728	1
ENSG0000 response	Inflamed	TMEM71	protein_cc chr8	1.34E+08	1.34E+08	-	3329	147.1289	0	-0.84696	0.199769	-4.23971	5.03E-05	0.00073	1
ENSG0000 response	Inflamed	LBP	protein_cc chr20	36974759	37005665	+	1961	41.28401	0.231504	-1.76863	0.417192	-4.23936	5.04E-05	0.000731	1
ENSG0000 response	Inflamed	DBN1	protein_cc chr5	1.77E+08	1.77E+08	-	5119	1322.298	0	-0.7598	0.179236	-4.23913	5.04E-05	0.000731	1
ENSG0000 response	Inflamed	RP11-126C	antisense chr17	204528	206673	+	913	21.53461	0.045346	0.852183	0.201031	4.239068	5.05E-05	0.000731	1
ENSG0000 response	Inflamed	ACTN1	protein_cc chr14	69340860	69446157	-	10626	8975.883	0	-0.51654	0.12187	-4.23848	5.06E-05	0.000732	1
ENSG0000 response	Inflamed	CALHM2	protein_cc chr10	1.05E+08	1.05E+08	-	3620	705.2554	0	-0.65244	0.153972	-4.23737	5.08E-05	0.000734	1
ENSG0000 response	Inflamed	S1PR2	protein_cc chr19	10334520	10341948	-	1173	138.8305	0.00716	-0.76403	0.18031	-4.23732	5.08E-05	0.000734	1
ENSG0000 response	Inflamed	IGLV2-11	IG_V_gene chr22	23134980	23135496	+	400	12821.25	0	-1.24036	0.292795	-4.23626	5.10E-05	0.000737	1
ENSG0000 response	Inflamed	SLC16A6	protein_cc chr17	66263167	66287408	-	4056	67.83294	0.00716	-1.10899	0.261812	-4.23583	5.11E-05	0.000737	1
ENSG0000 response	Inflamed	RP11-126k	antisense chr1	1.51E+08	1.51E+08	+	618	8.918854	0.059666	-0.65173	0.153862	-4.23577	5.11E-05	0.000737	1
ENSG0000 response	Inflamed	SLC16A9	protein_cc chr10	61410523	61495760	-	4425	992.8473	0	1.277887	0.301721	4.235324	5.12E-05	0.000738	1
ENSG0000 response	Inflamed	AMN	protein_cc chr14	1.03E+08	1.03E+08	+	4646	5983.274	0	0.950153	0.224435	4.233535	5.15E-05	0.000743	1
ENSG0000 response	Inflamed	RP11-91K1	antisense chr1	20140860	20145995	+	447	4.312649	0.25537	0.647816	0.153027	4.233354	5.16E-05	0.000743	1
ENSG0000 response	Inflamed	MYBPC2	protein_cc chr19	50936160	50969578	+	3708	47.21002	0.02864	-1.17725	0.278104	-4.23314	5.16E-05	0.000743	1
ENSG0000 response	Inflamed	TLR1	protein_cc chr4	38792298	38858438	-	4533	296.7852	0	-0.89885	0.212339	-4.23309	5.16E-05	0.000743	1
ENSG0000 response	Inflamed	VTCN1	protein_cc chr1	1.18E+08	1.18E+08	-	3001	3.546539	0.587112	-0.96406	0.227772	-4.23257	5.17E-05	0.000744	1
ENSG0000 response	Inflamed	TMEM253	protein_cc chr14	21567096	21571883	+	1961	730.4964	0	0.909223	0.214895	4.23102	5.20E-05	0.000748	1
ENSG0000 response	Inflamed	FAM46C	protein_cc chr1	1.18E+08	1.18E+08	+	5751	5750.726	0	-0.83063	0.196345	-4.23049	5.21E-05	0.000748	1
ENSG0000 response	Inflamed	IGHV3-73	IG_V_gene chr14	1.07E+08	1.07E+08	-	437	2819.148	0.002387	-1.31972	0.311959	-4.23043	5.21E-05	0.000748	1
ENSG0000 response	Inflamed	LTB	protein_cc chr6	31548302	31550299	-	1535	972.2053	0	-0.88981	0.210343	-4.2303	5.22E-05	0.000748	1
ENSG0000 response	Inflamed	XX-C283C7	antisense chr22	50753060	50754437	+	531	2.505967	0.47494	-0.64387	0.15221	-4.23015	5.22E-05	0.000748	1

ENSG0000 response	Inflamed	MYO1A	protein_cc chr12	57422301	57444982	-	4438	8191.599	0	1.13385	0.268048	4.230024	5.22E-05	0.000748	1
ENSG0000 response	Inflamed	STRADB	protein_cc chr2	2.02E+08	2.02E+08	+	3242	1220.957	0	0.554721	0.131151	4.229621	5.23E-05	0.000749	1
ENSG0000 response	Inflamed	CTA-384D	lincRNA chr22	50980734	50981335	-	602	22.01671	0.038186	-0.90986	0.215133	-4.22928	5.24E-05	0.00075	1
ENSG0000 response	Inflamed	KIF26B	protein_cc chr1	2.45E+08	2.46E+08	+	14403	232.2768	0.02148	-1.29501	0.306277	-4.22823	5.26E-05	0.000752	1
ENSG0000 response	Inflamed	FEZ1	protein_cc chr11	1.25E+08	1.25E+08	-	5932	250.5251	0	-0.73233	0.173223	-4.22765	5.27E-05	0.000753	1
ENSG0000 response	Inflamed	AC073133	lincRNA chr7	1.56E+08	1.56E+08	-	432	6.539379	0.317422	0.781145	0.184862	4.225546	5.31E-05	0.000759	1
ENSG0000 response	Inflamed	FOXB1	protein_cc chr15	60296421	60353929	+	2330	1.357995	0.692124	-0.50669	0.119952	-4.22408	5.34E-05	0.000763	1
ENSG0000 response	Inflamed	C1orf167	protein_cc chr1	11821844	11849642	+	6505	25.96659	0.004773	-0.82157	0.194516	-4.22368	5.35E-05	0.000764	1
ENSG0000 response	Inflamed	ST6GALNA	protein_cc chr17	74620843	74639920	-	3448	15561.72	0	0.985703	0.233436	4.222584	5.37E-05	0.000766	1
ENSG0000 response	Inflamed	SLC4A4	protein_cc chr4	72053003	72437804	+	8361	4811.757	0	1.29538	0.306929	4.220448	5.41E-05	0.000772	1
ENSG0000 response	Inflamed	AC005682	processed_chr7	22893797	22901021	+	2450	24.00955	0.031026	-0.83519	0.197902	-4.22022	5.42E-05	0.000772	1
ENSG0000 response	Inflamed	OR52K3P	pseudoger chr11	4496043	4497123	+	1081	8.377088	0.322196	-0.96489	0.228646	-4.22	5.42E-05	0.000773	1
ENSG0000 response	Inflamed	NXN	protein_cc chr17	702553	883010	-	5881	913.7589	0	-0.80967	0.191887	-4.21951	5.43E-05	0.000774	1
ENSG0000 response	Inflamed	ZNF57	protein_cc chr19	2900896	2918474	+	2258	285.1122	0	0.663887	0.157438	4.216812	5.49E-05	0.000781	1
ENSG0000 response	Inflamed	RAB17	protein_cc chr2	2.38E+08	2.39E+08	-	4783	1106.73	0	0.764827	0.181397	4.216317	5.50E-05	0.000782	1
ENSG0000 response	Inflamed	FSD1	protein_cc chr19	4304597	4323840	+	3111	45.52029	0.002387	-0.6044	0.14335	-4.21624	5.50E-05	0.000782	1
ENSG0000 response	Inflamed	RP11-219C	lincRNA chr17	76257430	76274573	-	2934	15.99045	0.140811	-1.11695	0.264924	-4.21611	5.50E-05	0.000782	1
ENSG0000 response	Inflamed	FKBP10	protein_cc chr17	39968932	39979465	+	4269	2254.73	0	-0.76936	0.182488	-4.21593	5.50E-05	0.000782	1
ENSG0000 response	Inflamed	RP11-22C1	antisense chr8	95649513	95651695	-	2183	73.17184	0.011933	0.826928	0.196177	4.215209	5.52E-05	0.000784	1
ENSG0000 response	Inflamed	LAMA5	protein_cc chr20	60883011	60942368	-	14705	3833.451	0	-0.84231	0.199836	-4.21499	5.52E-05	0.000784	1
ENSG0000 response	Inflamed	SYT17	protein_cc chr16	19179293	19279652	+	7534	170.8926	0	0.617641	0.146544	4.21473	5.53E-05	0.000784	1
ENSG0000 response	Inflamed	CD247	protein_cc chr1	1.67E+08	1.67E+08	-	4034	439.4893	0	-0.60709	0.144079	-4.21362	5.55E-05	0.000787	1
ENSG0000 response	Inflamed	MYF6	protein_cc chr12	81101277	81103253	+	1465	1.959427	0.677804	-0.78272	0.185766	-4.21349	5.56E-05	0.000787	1
ENSG0000 response	Inflamed	CRIP2	protein_cc chr14	1.06E+08	1.06E+08	+	4829	1600.06	0	-0.79065	0.187685	-4.21263	5.57E-05	0.000789	1
ENSG0000 response	Inflamed	NGEF	protein_cc chr2	2.34E+08	2.34E+08	-	4687	1231.427	0	0.728107	0.172882	4.211592	5.60E-05	0.000791	1
ENSG0000 response	Inflamed	MRC2	protein_cc chr17	60704762	60770958	+	6860	3645.883	0	-0.84365	0.200317	-4.21157	5.60E-05	0.000791	1
ENSG0000 response	Inflamed	SNAP47	protein_cc chr1	2.28E+08	2.28E+08	+	6542	823.0764	0	-0.29933	0.071077	-4.21136	5.60E-05	0.000791	1
ENSG0000 response	Inflamed	CTD-3010I	lincRNA chr17	70638870	70640629	+	889	36.02625	0.011933	0.70629	0.167711	4.211345	5.60E-05	0.000791	1
ENSG0000 response	Inflamed	CEP19	protein_cc chr3	1.96E+08	1.96E+08	-	2201	79.40095	0.002387	-0.77947	0.185104	-4.21096	5.61E-05	0.000792	1
ENSG0000 response	Inflamed	MT1E	protein_cc chr16	56659387	56661024	+	1052	2008.379	0	0.775709	0.184228	4.210592	5.62E-05	0.000793	1
ENSG0000 response	Inflamed	MPP4	protein_cc chr2	2.03E+08	2.03E+08	-	4978	1.656325	0.668258	-0.60897	0.144661	-4.20964	5.64E-05	0.000795	1
ENSG0000 response	Inflamed	AP000439	lincRNA chr11	69291901	69294708	-	726	283.4893	0.009547	1.011562	0.240306	4.209467	5.64E-05	0.000795	1
ENSG0000 response	Inflamed	NLRC4	protein_cc chr2	32449522	32490923	-	3624	111.9952	0.002387	-0.88149	0.209428	-4.20906	5.65E-05	0.000796	1
ENSG0000 response	Inflamed	UNC13A	protein_cc chr19	17712137	17799401	-	11438	124.3604	0.011933	-0.86901	0.206567	-4.2069	5.69E-05	0.000802	1
ENSG0000 response	Inflamed	MEOX2	protein_cc chr7	15650837	15726437	-	2500	55.81146	0.026253	-1.15282	0.274062	-4.20641	5.71E-05	0.000803	1
ENSG0000 response	Inflamed	EPHB1	protein_cc chr3	1.34E+08	1.35E+08	+	6956	70.06205	0.019093	-1.09087	0.259348	-4.20621	5.71E-05	0.000803	1
ENSG0000 response	Inflamed	CAPN5	protein_cc chr11	76777979	76837201	+	6166	16599.91	0	0.674868	0.160451	4.206075	5.71E-05	0.000803	1
ENSG0000 response	Inflamed	DGAT1	protein_cc chr8	1.46E+08	1.46E+08	-	2425	6693.554	0	0.482504	0.114738	4.205279	5.73E-05	0.000805	1
ENSG0000 response	Inflamed	AC112229	lincRNA chr2	1.11E+08	1.11E+08	-	2774	121.1432	0.00716	0.670603	0.159472	4.205154	5.73E-05	0.000805	1
ENSG0000 response	Inflamed	RIMBP3	protein_cc chr22	20456003	20461786	-	5784	24.18616	0.026253	-0.74824	0.178029	-4.20288	5.78E-05	0.000811	1

ENSG0000 response	Inflamed	ADAP1	protein_cc chr7	937540	995043	-	5060	1986.745	0	0.475395	0.113114	4.202802	5.78E-05	0.000811	1
ENSG0000 response	Inflamed	HAS1	protein_cc chr19	52216365	52227247	-	2241	71.40095	0.109785	-1.50306	0.357686	-4.20217	5.80E-05	0.000813	1
ENSG0000 response	Inflamed	NKX2-2	protein_cc chr20	21491648	21494664	-	2092	44.06444	0.040573	1.119274	0.266365	4.202034	5.80E-05	0.000813	1
ENSG0000 response	Inflamed	EAF2	protein_cc chr3	1.22E+08	1.22E+08	+	1770	253.9356	0	-0.75391	0.179428	-4.20174	5.81E-05	0.000813	1
ENSG0000 response	Inflamed	MMP14	protein_cc chr14	23305766	23318236	+	4464	11833.18	0	-0.71734	0.170791	-4.20009	5.84E-05	0.000818	1
ENSG0000 response	Inflamed	SSR4	protein_cc chrX	1.53E+08	1.53E+08	+	4590	10562.49	0	-0.67657	0.161097	-4.1998	5.85E-05	0.000818	1
ENSG0000 response	Inflamed	RP11-284F	lincRNA chr1	1.57E+08	1.57E+08	-	3222	128.9165	0.002387	0.702383	0.167288	4.19864	5.87E-05	0.000821	1
ENSG0000 response	Inflamed	TBC1D10C	protein_cc chr11	67171386	67177560	+	5010	1059.301	0	-0.77247	0.18402	-4.19777	5.89E-05	0.000824	1
ENSG0000 response	Inflamed	CPNE2	protein_cc chr16	57126449	57181878	+	7380	2577.453	0	0.396591	0.094485	4.197407	5.90E-05	0.000824	1
ENSG0000 response	Inflamed	BHLHE22	protein_cc chr8	65492814	65496181	+	3368	122.8401	0.019093	-1.19263	0.284233	-4.19595	5.93E-05	0.000828	1
ENSG0000 response	Inflamed	TSPAN4	protein_cc chr11	842808	867116	+	5841	1232.979	0	-0.61258	0.146002	-4.19568	5.94E-05	0.000828	1
ENSG0000 response	Inflamed	CD9	protein_cc chr12	6308881	6347425	+	3218	10377.51	0	0.465856	0.111033	4.195651	5.94E-05	0.000828	1
ENSG0000 response	Inflamed	CDK14	protein_cc chr7	90095738	90839905	+	6841	303.8377	0	-0.99328	0.236775	-4.19503	5.95E-05	0.00083	1
ENSG0000 response	Inflamed	MT-RNR1	Mt_rRNA chrM	648	1601	+	954	144218.2	0	0.753713	0.179693	4.194447	5.97E-05	0.000831	1
ENSG0000 response	Inflamed	MRAP	protein_cc chr21	33664124	33687095	+	1346	3.770883	0.429594	-0.73783	0.17595	-4.19339	5.99E-05	0.000834	1
ENSG0000 response	Inflamed	IGLC2	IG_C_gene chr22	23243156	23243617	+	462	43261.93	0	-1.31248	0.312997	-4.19327	5.99E-05	0.000834	1
ENSG0000 response	Inflamed	AC009495	lincRNA chr2	1.67E+08	1.67E+08	-	372	9.947494	0.090692	0.664987	0.15859	4.193111	6.00E-05	0.000834	1
ENSG0000 response	Inflamed	DOC2A	protein_cc chr16	30016830	30034591	-	6426	101.0406	0.004773	0.977179	0.233054	4.192932	6.00E-05	0.000834	1
ENSG0000 response	Inflamed	CXCL3	protein_cc chr4	74902306	74904524	-	2219	1581.253	0	-1.25929	0.300345	-4.19281	6.00E-05	0.000834	1
ENSG0000 response	Inflamed	GABBR2	protein_cc chr9	1.01E+08	1.01E+08	-	6007	17.51551	0.143198	-1.00709	0.240285	-4.19126	6.04E-05	0.000839	1
ENSG0000 response	Inflamed	PSTPIP1	protein_cc chr15	77285700	77329673	+	4468	393.8544	0.002387	-0.67272	0.16054	-4.19034	6.06E-05	0.000841	1
ENSG0000 response	Inflamed	YBX2	protein_cc chr17	7191571	7197934	-	4618	1243.516	0.00716	1.248763	0.29803	4.190055	6.07E-05	0.000841	1
ENSG0000 response	Inflamed	HOPX	protein_cc chr4	57514155	57548065	-	7759	137.494	0	-0.67454	0.160992	-4.18991	6.07E-05	0.000841	1
ENSG0000 response	Inflamed	MOGAT2	protein_cc chr11	75428864	75444003	+	4010	4104.37	0	1.267731	0.302605	4.189392	6.08E-05	0.000843	1
ENSG0000 response	Inflamed	WNK4	protein_cc chr17	40932696	40948954	+	5089	2131.1	0	1.157118	0.276228	4.188995	6.09E-05	0.000843	1
ENSG0000 response	Inflamed	STAC	protein_cc chr3	36421836	36589499	+	4396	16.90453	0.102625	-0.91364	0.218122	-4.18868	6.10E-05	0.000844	1
ENSG0000 response	Inflamed	KRT7	protein_cc chr12	52626304	52645970	+	4093	423.9618	0.002387	-1.64763	0.3934	-4.18819	6.11E-05	0.000845	1
ENSG0000 response	Inflamed	RDH5	protein_cc chr12	56114151	56118489	+	2983	223.3795	0	0.611921	0.146162	4.186609	6.14E-05	0.000849	1
ENSG0000 response	Inflamed	ICOS	protein_cc chr2	2.05E+08	2.05E+08	+	2645	108.3365	0.002387	-0.99532	0.237742	-4.18655	6.15E-05	0.000849	1
ENSG0000 response	Inflamed	ULK3	protein_cc chr15	75128457	75135687	-	3516	2562.227	0	0.325668	0.0778	4.18596	6.16E-05	0.00085	1
ENSG0000 response	Inflamed	RP1-197B1	lincRNA chr12	48099868	48136077	+	4024	39.44869	0	-0.50736	0.121207	-4.18593	6.16E-05	0.00085	1
ENSG0000 response	Inflamed	MPST	protein_cc chr22	37415676	37425863	+	6760	6021.069	0	0.455725	0.108872	4.185865	6.16E-05	0.00085	1
ENSG0000 response	Inflamed	CLCA1	protein_cc chr1	86934051	86965972	+	3340	61617.5	0	1.983099	0.473802	4.185498	6.17E-05	0.000851	1
ENSG0000 response	Inflamed	TLE2	protein_cc chr19	2997636	3047633	-	4038	1299.322	0	0.580483	0.138692	4.1854	6.17E-05	0.000851	1
ENSG0000 response	Inflamed	TMEM154	protein_cc chr4	1.54E+08	1.54E+08	-	11573	410.8067	0	-1.0068	0.240574	-4.18498	6.18E-05	0.000852	1
ENSG0000 response	Inflamed	PRKCB	protein_cc chr16	23847322	24231932	+	10037	1231.549	0	-0.7731	0.184739	-4.18482	6.19E-05	0.000852	1
ENSG0000 response	Inflamed	UTS2R	protein_cc chr17	80332153	80333462	+	1310	32.95704	0.0358	-1.0024	0.239658	-4.18263	6.24E-05	0.000858	1
ENSG0000 response	Inflamed	RP11-467J	antisense chr16	53069602	53086785	-	464	10.75418	0.124105	0.744588	0.178022	4.182553	6.24E-05	0.000858	1
ENSG0000 response	Inflamed	C1orf61	protein_cc chr1	1.56E+08	1.56E+08	-	12314	20.03819	0.016706	-0.80797	0.193192	-4.1822	6.25E-05	0.000859	1
ENSG0000 response	Inflamed	HIGD1A	protein_cc chr3	42798669	42846023	-	1940	5513.659	0	0.575281	0.137572	4.181664	6.26E-05	0.00086	1

ENSG0000 response	Inflamed	RP11-480I	pseudoger chr1	2.03E+08	2.03E+08	-	2958	81.2673	0.002387	0.716551	0.17136	4.181556	6.26E-05	0.00086	1
ENSG0000 response	Inflamed	CCR8	protein_cc chr3	39371197	39375171	+	1487	16.83771	0.145585	-0.9664	0.231181	-4.18029	6.29E-05	0.000864	1
ENSG0000 response	Inflamed	ASGR2	protein_cc chr17	7004641	7019019	-	2490	37.83771	0.004773	-0.71721	0.171581	-4.18001	6.30E-05	0.000864	1
ENSG0000 response	Inflamed	CDH5	protein_cc chr16	66400533	66438686	+	5961	1951.914	0	-1.00125	0.239539	-4.17989	6.30E-05	0.000864	1
ENSG0000 response	Inflamed	CTC-297N	antisense chr17	10633094	10718481	+	2102	66.49403	0	0.579896	0.138773	4.178728	6.33E-05	0.000867	1
ENSG0000 response	Inflamed	AC034220	processed_chr5	1.32E+08	1.32E+08	-	2856	134.8282	0	0.90245	0.215966	4.178666	6.33E-05	0.000867	1
ENSG0000 response	Inflamed	SLC5A12	protein_cc chr11	26688566	26744974	-	7544	39.47971	0.372315	0.964586	0.230851	4.178384	6.34E-05	0.000868	1
ENSG0000 response	Inflamed	RNF215	protein_cc chr22	30773835	30817760	-	3079	277.2387	0	-0.45021	0.107776	-4.17723	6.36E-05	0.000871	1
ENSG0000 response	Inflamed	AC008984	processed_chr19	54820182	54848439	-	1738	14.34606	0.272076	-1.0878	0.260462	-4.17642	6.38E-05	0.000873	1
ENSG0000 response	Inflamed	SLC26A2	protein_cc chr5	1.49E+08	1.49E+08	+	8606	17142.27	0	1.632259	0.390907	4.175565	6.40E-05	0.000875	1
ENSG0000 response	Inflamed	EVA1B	protein_cc chr1	36787632	36789755	-	1211	446.8138	0	-0.80493	0.192784	-4.17529	6.41E-05	0.000876	1
ENSG0000 response	Inflamed	LRRK2	protein_cc chr12	40590546	40763087	+	13465	318.2888	0.002387	-1.12155	0.268644	-4.17486	6.42E-05	0.000877	1
ENSG0000 response	Inflamed	FAM65C	protein_cc chr20	49202645	49308065	-	6009	875.1146	0	-0.98146	0.235104	-4.17458	6.43E-05	0.000877	1
ENSG0000 response	Inflamed	LHFP	protein_cc chr13	39917029	40177665	-	2327	668.9666	0	-0.72578	0.173882	-4.17398	6.44E-05	0.000879	1
ENSG0000 response	Inflamed	ANXA1	protein_cc chr9	75766673	75785309	+	4561	2694.931	0	-0.96018	0.230056	-4.17369	6.45E-05	0.000879	1
ENSG0000 response	Inflamed	ZDHHC8P1	pseudoger chr22	23732793	23744913	-	3269	68.44391	0.01432	1.100796	0.263763	4.173436	6.45E-05	0.00088	1
ENSG0000 response	Inflamed	EFNA1	protein_cc chr1	1.55E+08	1.55E+08	+	2539	2433.036	0	0.620516	0.148699	4.172964	6.47E-05	0.000881	1
ENSG0000 response	Inflamed	HES5	protein_cc chr1	2460184	2461684	-	1306	35.70644	0.004773	0.761149	0.182428	4.172324	6.48E-05	0.000882	1
ENSG0000 response	Inflamed	RP11-532F	antisense chr15	41128006	41136585	-	1239	407.327	0	0.635693	0.152372	4.171994	6.49E-05	0.000882	1
ENSG0000 response	Inflamed	JPH4	protein_cc chr14	24037244	24048009	-	5307	36.03819	0.01432	-0.72453	0.173668	-4.17192	6.49E-05	0.000882	1
ENSG0000 response	Inflamed	RP11-15H	pseudoger chr19	23437855	23440741	-	2887	301.1217	0	0.564093	0.135213	4.171888	6.49E-05	0.000882	1
ENSG0000 response	Inflamed	RP11-680C	protein_cc chr16	85391069	85393055	+	289	5.866348	0.124105	-0.61775	0.148088	-4.17151	6.50E-05	0.000883	1
ENSG0000 response	Inflamed	SULT1A1	protein_cc chr16	28616903	28634946	-	8523	1966.611	0	0.6965	0.166982	4.171106	6.51E-05	0.000884	1
ENSG0000 response	Inflamed	TAPSAR1	lincRNA chr6	32811863	32814272	+	1951	681.4726	0	-0.49102	0.117745	-4.17018	6.53E-05	0.000887	1
ENSG0000 response	Inflamed	AFF2	protein_cc chrX	1.48E+08	1.48E+08	+	14006	53.05967	0.045346	-1.30833	0.313762	-4.1698	6.54E-05	0.000887	1
ENSG0000 response	Inflamed	EVA1A	protein_cc chr2	75696428	75796848	-	2744	90.8568	0	-0.85066	0.204023	-4.16945	6.55E-05	0.000888	1
ENSG0000 response	Inflamed	MKX	protein_cc chr10	27961804	28034989	-	4106	16.04296	0.093079	-0.95598	0.229331	-4.16859	6.57E-05	0.000891	1
ENSG0000 response	Inflamed	FAM172Bf	pseudoger chr3	1.01E+08	1.01E+08	+	2295	4.431981	0.279236	-0.64715	0.155261	-4.16816	6.58E-05	0.000891	1
ENSG0000 response	Inflamed	MAPKAPK	lincRNA chr12	1.12E+08	1.12E+08	-	2287	387.6563	0	0.4282	0.102732	4.168107	6.58E-05	0.000891	1
ENSG0000 response	Inflamed	COL22A1	protein_cc chr8	1.4E+08	1.4E+08	-	7830	60.25776	0.047733	-1.19136	0.285938	-4.1665	6.62E-05	0.000896	1
ENSG0000 response	Inflamed	RP11-634E	antisense chr1	2.48E+08	2.48E+08	+	1882	2.529833	0.53222	0.507253	0.121819	4.163978	6.69E-05	0.000903	1
ENSG0000 response	Inflamed	FOXC1	protein_cc chr6	1610681	1614127	+	3447	80.36993	0.01432	-0.76457	0.183622	-4.16383	6.69E-05	0.000903	1
ENSG0000 response	Inflamed	HR	protein_cc chr8	21971928	21990897	-	8784	3324.107	0	0.609929	0.146487	4.163719	6.69E-05	0.000903	1
ENSG0000 response	Inflamed	TMEM125	protein_cc chr1	43735665	43739673	+	2127	1437.504	0	0.743712	0.178621	4.163634	6.69E-05	0.000903	1
ENSG0000 response	Inflamed	CLYBL	protein_cc chr13	1E+08	1.01E+08	+	7826	451.2578	0	0.540164	0.129734	4.163622	6.69E-05	0.000903	1
ENSG0000 response	Inflamed	IGHV3-11	IG_V_gene chr14	1.07E+08	1.07E+08	-	471	7462.795	0	-1.38431	0.332526	-4.16302	6.71E-05	0.000905	1
ENSG0000 response	Inflamed	C1QTNF1	protein_cc chr17	77018896	77045870	+	4854	1424.377	0	-0.67729	0.162692	-4.163	6.71E-05	0.000905	1
ENSG0000 response	Inflamed	AP001058	lincRNA chr21	45626408	45627282	-	463	11.87112	0.038186	-0.75395	0.181127	-4.16254	6.72E-05	0.000906	1
ENSG0000 response	Inflamed	RGS20	protein_cc chr8	54764368	54871863	+	3192	1.412888	0.711217	-0.58137	0.139717	-4.16109	6.76E-05	0.00091	1
ENSG0000 response	Inflamed	FCER1G	protein_cc chr1	1.61E+08	1.61E+08	+	964	1762.422	0	-0.73242	0.176021	-4.16095	6.76E-05	0.00091	1

ENSG0000 response	Inflamed	SLC1A3	protein_cc chr5	36606457	36688436	+	6265	159.1384	0.002387	-1.14821	0.276063	-4.15923	6.81E-05	0.000916	1
ENSG0000 response	Inflamed	HSH2D	protein_cc chr19	16244838	16269386	+	3399	2116.874	0	-0.4863	0.116929	-4.15894	6.81E-05	0.000916	1
ENSG0000 response	Inflamed	CHPF	protein_cc chr2	2.2E+08	2.2E+08	-	3354	4487.754	0	-0.47711	0.114722	-4.15888	6.81E-05	0.000916	1
ENSG0000 response	Inflamed	C1RL	protein_cc chr12	7242183	7261869	-	5014	2022.492	0	-0.41438	0.099645	-4.15861	6.82E-05	0.000916	1
ENSG0000 response	Inflamed	BCKDK	protein_cc chr16	31117428	31124110	+	3871	2062.936	0	-0.29854	0.071814	-4.15709	6.86E-05	0.000921	1
ENSG0000 response	Inflamed	IL33	protein_cc chr9	6215805	6257983	+	3232	379.2768	0	-0.98755	0.237576	-4.15677	6.87E-05	0.000922	1
ENSG0000 response	Inflamed	AC116366	antisense chr5	1.32E+08	1.32E+08	-	999	10.95227	0.064439	-0.75597	0.18188	-4.15642	6.88E-05	0.000922	1
ENSG0000 response	Inflamed	ZNF704	protein_cc chr8	81540686	81787016	-	15008	939.1862	0	0.945809	0.227558	4.15635	6.88E-05	0.000922	1
ENSG0000 response	Inflamed	TBX21	protein_cc chr17	45810610	45823485	+	2614	119.5537	0.009547	-0.7287	0.175321	-4.15635	6.88E-05	0.000922	1
ENSG0000 response	Inflamed	RP11-2231	sense_ove chr2	2.32E+08	2.32E+08	+	598	21.01432	0.033413	0.858908	0.206656	4.156227	6.88E-05	0.000922	1
ENSG0000 response	Inflamed	ATF5	protein_cc chr19	50431959	50437192	+	2954	1825.372	0	-0.39862	0.09594	-4.1549	6.92E-05	0.000926	1
ENSG0000 response	Inflamed	RIMKLA	protein_cc chr1	42846466	42888249	+	8981	735.8401	0	0.992185	0.238847	4.15407	6.94E-05	0.000928	1
ENSG0000 response	Inflamed	RP11-3421	antisense chr1	43300352	43312093	-	1617	8.408115	0.033413	-0.58577	0.141045	-4.15307	6.96E-05	0.000931	1
ENSG0000 response	Inflamed	HTR3C	protein_cc chr3	1.84E+08	1.84E+08	+	1697	12.27446	0.307876	0.879461	0.211763	4.153048	6.96E-05	0.000931	1
ENSG0000 response	Inflamed	RP11-8340	pseudoger chr12	54470622	54475687	-	1390	19.91647	0.023866	-0.71026	0.171051	-4.15232	6.98E-05	0.000933	1
ENSG0000 response	Inflamed	PPM1F	protein_cc chr22	22273793	22307209	-	7318	2164.461	0	-0.60163	0.144896	-4.15212	6.99E-05	0.000933	1
ENSG0000 response	Inflamed	C1orf210	protein_cc chr1	43747554	43751288	-	1516	1502.623	0	0.90213	0.217322	4.151113	7.01E-05	0.000936	1
ENSG0000 response	Inflamed	ALPK2	protein_cc chr18	56148479	56296189	-	9431	156.7566	0.01432	-1.36094	0.327939	-4.14998	7.04E-05	0.000939	1
ENSG0000 response	Inflamed	WDR45	protein_cc chrX	48929385	48958108	-	4981	1198.661	0	-0.32517	0.07836	-4.14978	7.05E-05	0.000939	1
ENSG0000 response	Inflamed	CYP7B1	protein_cc chr8	65500320	65711318	-	2282	96.62053	0.016706	-1.11981	0.26985	-4.14976	7.05E-05	0.000939	1
ENSG0000 response	Inflamed	ARHGAP15	protein_cc chr2	1.44E+08	1.45E+08	+	7743	250.4893	0	-0.71034	0.171203	-4.14914	7.07E-05	0.00094	1
ENSG0000 response	Inflamed	RP11-264E	lincRNA chr11	1.28E+08	1.28E+08	-	1157	2.658711	0.582339	-0.82608	0.199099	-4.14911	7.07E-05	0.00094	1
ENSG0000 response	Inflamed	MLLT11	protein_cc chr1	1.51E+08	1.51E+08	+	4072	65.04773	0	-0.71897	0.173287	-4.14902	7.07E-05	0.00094	1
ENSG0000 response	Inflamed	CD68	protein_cc chr17	7482785	7485429	+	2187	264.4391	0	-0.41456	0.099924	-4.14879	7.07E-05	0.00094	1
ENSG0000 response	Inflamed	NPR1	protein_cc chr1	1.54E+08	1.54E+08	+	5003	379.7828	0	-0.82376	0.19856	-4.14867	7.08E-05	0.00094	1
ENSG0000 response	Inflamed	GLCCI1	protein_cc chr7	8008425	8133902	+	6885	1112.389	0	-0.90073	0.217116	-4.1486	7.08E-05	0.00094	1
ENSG0000 response	Inflamed	ZFAT	protein_cc chr8	1.35E+08	1.36E+08	-	8900	450.1885	0	-0.33297	0.080264	-4.14841	7.08E-05	0.000941	1
ENSG0000 response	Inflamed	RILPL1	protein_cc chr12	1.24E+08	1.24E+08	-	3935	197.4654	0	-0.50382	0.121477	-4.14746	7.11E-05	0.000943	1
ENSG0000 response	Inflamed	LY6K	protein_cc chr8	1.44E+08	1.44E+08	+	4049	13.64439	0.085919	-1.02013	0.245969	-4.14741	7.11E-05	0.000943	1
ENSG0000 response	Inflamed	SPR	protein_cc chr2	73114489	73119287	+	1480	1605.418	0	0.391656	0.094443	4.147031	7.12E-05	0.000944	1
ENSG0000 response	Inflamed	CTD-2547L	protein_cc chr14	91709103	91717426	+	787	20.42005	0.016706	-0.64413	0.155327	-4.14691	7.12E-05	0.000944	1
ENSG0000 response	Inflamed	RP11-290F	lincRNA chr4	1.85E+08	1.85E+08	-	2768	504.2434	0	-0.98568	0.23773	-4.1462	7.14E-05	0.000946	1
ENSG0000 response	Inflamed	RORC	protein_cc chr1	1.52E+08	1.52E+08	-	6314	1247.835	0	0.520203	0.125495	4.145193	7.17E-05	0.000949	1
ENSG0000 response	Inflamed	SLC6A7	protein_cc chr5	1.5E+08	1.5E+08	+	4391	397.0263	0	0.960763	0.231781	4.14513	7.17E-05	0.000949	1
ENSG0000 response	Inflamed	PSAT1	protein_cc chr9	80912059	80945009	+	2188	466.8067	0.002387	-0.7905	0.190714	-4.14494	7.18E-05	0.000949	1
ENSG0000 response	Inflamed	C3orf36	protein_cc chr3	1.34E+08	1.34E+08	-	1665	65.07876	0.019093	-0.81334	0.196225	-4.14493	7.18E-05	0.000949	1
ENSG0000 response	Inflamed	PLA2G4C	protein_cc chr19	48551100	48614074	-	6613	287.6921	0	-0.57351	0.138369	-4.14477	7.18E-05	0.000949	1
ENSG0000 response	Inflamed	KLK8	protein_cc chr19	51499263	51505967	-	1865	32.44391	0.599045	-1.78385	0.430457	-4.14409	7.20E-05	0.000951	1
ENSG0000 response	Inflamed	STAT5A	protein_cc chr17	40439565	40463961	+	5756	2245.952	0	-0.45778	0.110468	-4.14397	7.20E-05	0.000951	1
ENSG0000 response	Inflamed	RBPMS	protein_cc chr8	30241944	30429778	+	8982	2334.346	0	-0.53381	0.128824	-4.14368	7.21E-05	0.000951	1

ENSG0000 response	Inflamed	ZAR1L	protein_cc chr13	32877837	32889481	-	1564	1.171838	0.684964	-0.46984	0.113411	-4.14284	7.23E-05	0.000954	1
ENSG0000 response	Inflamed	RP11-426L	antisense chr1	1.13E+08	1.13E+08	-	449	1.243437	0.718377	0.437773	0.105682	4.142368	7.25E-05	0.000955	1
ENSG0000 response	Inflamed	SVOP	protein_cc chr12	1.09E+08	1.09E+08	-	3968	12.09308	0.073986	0.744607	0.179768	4.142037	7.25E-05	0.000955	1
ENSG0000 response	Inflamed	IGHV3OR1	IG_V_pseu chr16	33740804	33741266	-	360	2.190931	0.622912	-0.67425	0.162799	-4.14159	7.27E-05	0.000957	1
ENSG0000 response	Inflamed	MT-TH	Mt_tRNA chrM	12138	12206	+	69	15.36516	0.076372	0.874849	0.211257	4.141161	7.28E-05	0.000958	1
ENSG0000 response	Inflamed	FDX1	protein_cc chr11	1.1E+08	1.1E+08	+	3206	877.8759	0	0.294511	0.071126	4.14069	7.29E-05	0.000958	1
ENSG0000 response	Inflamed	HMSD	protein_cc chr18	61616535	61649008	+	1498	10.30072	0.114558	-0.74349	0.17956	-4.14063	7.29E-05	0.000958	1
ENSG0000 response	Inflamed	SLC43A2	protein_cc chr17	1472561	1532180	-	10618	2608.155	0	-0.63099	0.152392	-4.14056	7.29E-05	0.000958	1
ENSG0000 response	Inflamed	RP11-444L	lincRNA chr12	24366190	24715524	-	1693	4.190931	0.260143	-0.67552	0.163161	-4.14021	7.30E-05	0.000959	1
ENSG0000 response	Inflamed	CSMD2	protein_cc chr1	33979609	34631443	-	18147	139.969	0.026253	-1.07614	0.259935	-4.14005	7.31E-05	0.000959	1
ENSG0000 response	Inflamed	ISX	protein_cc chr22	35462129	35483380	+	3384	2751.062	0.004773	1.528497	0.369226	4.139735	7.32E-05	0.00096	1
ENSG0000 response	Inflamed	CMTM4	protein_cc chr16	66648653	66730610	-	8117	8551.907	0	0.76854	0.185661	4.139486	7.32E-05	0.00096	1
ENSG0000 response	Inflamed	NRIP3	protein_cc chr11	9002123	9025596	-	4123	67.95704	0.002387	-0.83218	0.201052	-4.13913	7.33E-05	0.000961	1
ENSG0000 response	Inflamed	TMEM106	protein_cc chr17	41363854	41372061	+	3578	681.6158	0	-0.47706	0.115261	-4.1389	7.34E-05	0.000961	1
ENSG0000 response	Inflamed	AC009014	lincRNA chr5	1.36E+08	1.36E+08	-	1667	383.8926	0.009547	1.113035	0.268969	4.138157	7.36E-05	0.000964	1
ENSG0000 response	Inflamed	TPPP2	protein_cc chr14	21492268	21504435	+	2475	4.73031	0.334129	0.549629	0.132829	4.13788	7.37E-05	0.000964	1
ENSG0000 response	Inflamed	FMO5	protein_cc chr1	1.47E+08	1.47E+08	-	5988	1087.513	0	0.946233	0.228682	4.137775	7.37E-05	0.000964	1
ENSG0000 response	Inflamed	FGF18	protein_cc chr5	1.71E+08	1.71E+08	+	1986	10.65155	0.071599	-0.73981	0.1788	-4.13764	7.37E-05	0.000964	1
ENSG0000 response	Inflamed	MTRNR2L1	protein_cc chr3	96335981	96337000	-	1020	986.4224	0	0.769535	0.18601	4.137058	7.39E-05	0.000966	1
ENSG0000 response	Inflamed	NLRP1	protein_cc chr17	5402747	5522744	-	12811	1709.678	0	-0.78358	0.189415	-4.13682	7.40E-05	0.000966	1
ENSG0000 response	Inflamed	RP11-191C	antisense chr1	51983981	52027301	+	476	31.93556	0.002387	0.649057	0.156923	4.136148	7.41E-05	0.000968	1
ENSG0000 response	Inflamed	ANG	protein_cc chr14	21152336	21167130	+	1430	605.7757	0	0.556968	0.134663	4.136001	7.42E-05	0.000968	1
ENSG0000 response	Inflamed	NAT14	protein_cc chr19	55996371	55998935	+	2163	198.4869	0	-0.55353	0.133841	-4.13569	7.43E-05	0.000968	1
ENSG0000 response	Inflamed	HAGHL	protein_cc chr16	776936	785525	+	4890	106.1313	0	-0.6562	0.158677	-4.13546	7.43E-05	0.000968	1
ENSG0000 response	Inflamed	RP11-575A	antisense chr10	20359734	20380713	-	499	4.906921	0.322196	0.721099	0.174371	4.135436	7.43E-05	0.000968	1
ENSG0000 response	Inflamed	CDKN2C	protein_cc chr1	51426417	51440305	+	3318	458.9332	0	-0.37035	0.089556	-4.13535	7.44E-05	0.000968	1
ENSG0000 response	Inflamed	PDGFB	protein_cc chr22	39619364	39640756	-	3761	704.1957	0	-0.79943	0.19332	-4.13527	7.44E-05	0.000968	1
ENSG0000 response	Inflamed	MT-TT	Mt_tRNA chrM	15888	15953	+	66	184.3723	0.004773	0.73249	0.177138	4.135145	7.44E-05	0.000968	1
ENSG0000 response	Inflamed	IGLV3-9	IG_V_gene chr22	23161507	23162253	+	461	1270.706	0.002387	-1.41193	0.341603	-4.13323	7.50E-05	0.000975	1
ENSG0000 response	Inflamed	LRR3B	protein_cc chr3	26664297	26752267	+	3271	4.119332	0.508353	0.729719	0.176586	4.132369	7.52E-05	0.000977	1
ENSG0000 response	Inflamed	NDUFA9	protein_cc chr12	4758261	4798454	+	5362	733.5084	0	0.385524	0.093304	4.131893	7.53E-05	0.000978	1
ENSG0000 response	Inflamed	BNC1	protein_cc chr15	83924655	83953466	-	4795	12.20525	0.26969	-1.16339	0.281598	-4.13139	7.55E-05	0.00098	1
ENSG0000 response	Inflamed	ACP5	protein_cc chr19	11685475	11689823	-	2814	3924.811	0	-0.5172	0.125194	-4.13116	7.55E-05	0.00098	1
ENSG0000 response	Inflamed	F2RL1	protein_cc chr5	76114758	76131140	+	2958	3918.482	0	0.787204	0.190557	4.131071	7.56E-05	0.00098	1
ENSG0000 response	Inflamed	RP11-708H	lincRNA chr17	47249257	47250608	+	1352	502.0167	0.042959	1.66455	0.402963	4.130773	7.56E-05	0.000981	1
ENSG0000 response	Inflamed	AC026202	antisense chr3	5198590	5229014	-	672	26.44153	0.004773	-0.77349	0.187305	-4.12959	7.60E-05	0.000984	1
ENSG0000 response	Inflamed	ATF4P4	pseudoger chr11	1.14E+08	1.14E+08	+	2136	5.632458	0.105012	-0.54113	0.13104	-4.12949	7.60E-05	0.000984	1
ENSG0000 response	Inflamed	OVOL2	protein_cc chr20	17937623	18039832	-	2175	446.5776	0.004773	0.749989	0.181637	4.129066	7.61E-05	0.000985	1
ENSG0000 response	Inflamed	FAM3D	protein_cc chr3	58619673	58652575	-	1640	11001.52	0	0.95692	0.231825	4.127776	7.65E-05	0.000989	1
ENSG0000 response	Inflamed	HIF1A	protein_cc chr14	62162231	62214976	+	5150	5049.045	0	-0.79449	0.192481	-4.12764	7.65E-05	0.000989	1

ENSG0000 response	Inflamed	LY6D	protein_cc chr8	1.44E+08	1.44E+08	-	1553	75.7852	0.367542	-1.87379	0.453965	-4.1276	7.65E-05	0.000989	1
ENSG0000 response	Inflamed	MAFB	protein_cc chr20	39314488	39317880	-	3393	1381.976	0	-0.6393	0.154941	-4.12608	7.70E-05	0.000994	1
ENSG0000 response	Inflamed	PDLIM7	protein_cc chr5	1.77E+08	1.77E+08	-	4407	1852.442	0	-0.66871	0.16213	-4.12452	7.74E-05	0.000999	1
ENSG0000 response	Inflamed	SLC6A19	protein_cc chr5	1201710	1225232	+	5276	1402.387	0.038186	2.063215	0.500233	4.12451	7.74E-05	0.000999	1
ENSG0000 response	Inflamed	RP11-509E	sense_intr chr16	6106976	6142955	+	776	0.904535	0.76611	0.329514	0.0799	4.12409	7.75E-05	0.000999	1
ENSG0000 response	Inflamed	SIGLEC18P	pseudoger chr19	51623244	51626222	+	909	1.410501	0.644391	-0.46823	0.113537	-4.12406	7.75E-05	0.000999	1
ENSG0000 response	Inflamed	RNU6-5P	snRNA chr2	1.75E+08	1.75E+08	-	107	0.918854	0.768496	-0.35525	0.086142	-4.12403	7.76E-05	0.000999	1
ENSG0000 response	Inflamed	AC061992	protein_cc chr17	76422409	76422834	+	426	11.13842	0.128878	-0.99373	0.240985	-4.1236	7.77E-05	0.001001	1
ENSG0000 response	Inflamed	PPBP	protein_cc chr4	74852755	74853914	-	715	7.961814	0.360382	-1.07312	0.260359	-4.12169	7.82E-05	0.001007	1
ENSG0000 response	Inflamed	GLP2R	protein_cc chr17	9725523	9795419	+	6052	351.895	0	0.933341	0.226466	4.121324	7.83E-05	0.001008	1
ENSG0000 response	Inflamed	CASS4	protein_cc chr20	54987168	55034396	+	4025	240.5131	0.004773	-0.85908	0.208508	-4.12012	7.87E-05	0.001012	1
ENSG0000 response	Inflamed	DCTPP1	protein_cc chr16	30434940	30441396	-	1581	1650.332	0	0.412333	0.100085	4.119833	7.88E-05	0.001013	1
ENSG0000 response	Inflamed	CTA-929C	lincRNA chr22	27706612	27713417	+	5052	3.202864	0.494033	0.609191	0.147892	4.119161	7.90E-05	0.001015	1
ENSG0000 response	Inflamed	IGLV11-55	IG_V_gene chr22	22556057	22556600	+	426	1.207637	0.718377	-0.52461	0.127363	-4.11905	7.90E-05	0.001015	1
ENSG0000 response	Inflamed	ARL9	protein_cc chr4	57371509	57390614	+	1258	6.522673	0.152745	-0.72411	0.175816	-4.1186	7.91E-05	0.001015	1
ENSG0000 response	Inflamed	LSR	protein_cc chr19	35739233	35758867	+	2916	11609.37	0	0.586086	0.142303	4.118583	7.91E-05	0.001015	1
ENSG0000 response	Inflamed	CACNA2D2	protein_cc chr3	50400233	50541675	-	6319	311.1384	0.002387	1.019331	0.247518	4.118209	7.92E-05	0.001016	1
ENSG0000 response	Inflamed	PGD	protein_cc chr1	10458649	10480201	+	3171	4354.248	0	-0.37205	0.090351	-4.11785	7.93E-05	0.001017	1
ENSG0000 response	Inflamed	PRDM1	protein_cc chr6	1.07E+08	1.07E+08	+	6369	2726.749	0	-0.71338	0.173244	-4.11775	7.94E-05	0.001017	1
ENSG0000 response	Inflamed	RGS5	protein_cc chr1	1.63E+08	1.63E+08	-	6812	3629.2	0	-1.05951	0.25734	-4.11715	7.96E-05	0.001019	1
ENSG0000 response	Inflamed	PHTF1	protein_cc chr1	1.14E+08	1.14E+08	-	7170	453.0048	0	-0.60477	0.146927	-4.11617	7.98E-05	0.001022	1
ENSG0000 response	Inflamed	NECAP2	protein_cc chr1	16767167	16786573	+	5559	2239.967	0	-0.24429	0.059349	-4.11607	7.99E-05	0.001022	1
ENSG0000 response	Inflamed	VCAN	protein_cc chr5	82767284	82878122	+	14831	2546.764	0	-0.85889	0.208679	-4.11584	7.99E-05	0.001022	1
ENSG0000 response	Inflamed	TRIM46	protein_cc chr1	1.55E+08	1.55E+08	+	4528	45.56325	0.009547	-0.73844	0.179425	-4.11562	8.00E-05	0.001023	1
ENSG0000 response	Inflamed	PKIB	protein_cc chr6	1.23E+08	1.23E+08	+	3270	1891.671	0	1.169012	0.284103	4.114744	8.03E-05	0.001025	1
ENSG0000 response	Inflamed	ME3	protein_cc chr11	86152150	86383678	-	3838	662.2005	0	0.398502	0.096858	4.114297	8.04E-05	0.001027	1
ENSG0000 response	Inflamed	ZMYND10	protein_cc chr3	50378541	50384283	-	4009	21.00955	0.00716	-0.53695	0.130538	-4.1134	8.07E-05	0.001029	1
ENSG0000 response	Inflamed	SPINT1	protein_cc chr15	41136216	41150405	+	3587	13434.04	0	0.573047	0.139338	4.112649	8.09E-05	0.001032	1
ENSG0000 response	Inflamed	TOX2	protein_cc chr20	42543504	42698256	+	3223	363.327	0	-0.71021	0.172696	-4.11252	8.09E-05	0.001032	1
ENSG0000 response	Inflamed	RP11-285C	lincRNA chr10	45432956	45451173	+	425	3.491647	0.486874	0.625141	0.152059	4.111177	8.13E-05	0.001036	1
ENSG0000 response	Inflamed	RASIP1	protein_cc chr19	49223844	49243978	-	4149	500.0453	0	-0.84874	0.206508	-4.10995	8.17E-05	0.001041	1
ENSG0000 response	Inflamed	IGKV5-2	IG_V_gene chr2	89196748	89197300	+	408	260.4248	0.004773	-1.32177	0.321614	-4.10979	8.17E-05	0.001041	1
ENSG0000 response	Inflamed	HOMER3	protein_cc chr19	19040010	19052070	-	3422	310.3914	0	-0.56953	0.138588	-4.1095	8.18E-05	0.001041	1
ENSG0000 response	Inflamed	FBXO6	protein_cc chr1	11724181	11734411	+	1811	569.2482	0	-0.48474	0.117961	-4.10935	8.19E-05	0.001041	1
ENSG0000 response	Inflamed	GNA12	protein_cc chr7	2767746	2883958	-	6120	2952.974	0	-0.42391	0.103162	-4.10923	8.19E-05	0.001041	1
ENSG0000 response	Inflamed	RAET1K	pseudoger chr6	1.5E+08	1.5E+08	-	1896	2.868735	0.434368	-0.61766	0.150341	-4.10843	8.22E-05	0.001044	1
ENSG0000 response	Inflamed	CD14	protein_cc chr5	1.4E+08	1.4E+08	-	1886	3427.308	0	-0.57335	0.139568	-4.108	8.23E-05	0.001045	1
ENSG0000 response	Inflamed	AC008984	pseudoger chr19	54813047	54817309	-	404	2.515513	0.682578	-0.78422	0.19092	-4.10759	8.24E-05	0.001046	1
ENSG0000 response	Inflamed	ZNF671	protein_cc chr19	58231119	58238992	-	3532	209.0215	0	-0.66084	0.160894	-4.10727	8.25E-05	0.001047	1
ENSG0000 response	Inflamed	SLC39A1	protein_cc chr1	1.54E+08	1.54E+08	-	3246	3792.026	0	-0.24458	0.059556	-4.1068	8.27E-05	0.001048	1

ENSG0000 response	Inflamed	IGLV3-12	IG_V_gene	chr22	23114317	23115079	+	360	69.70883	0.045346	-1.20636	0.293785	-4.10626	8.28E-05	0.00105	1
ENSG0000 response	Inflamed	LL21NC02-	antisense	chr21	46356218	46356869	+	652	12.12649	0.143198	-0.8862	0.215843	-4.10577	8.30E-05	0.001051	1
ENSG0000 response	Inflamed	AC012507	antisense	chr2	2.32E+08	2.32E+08	+	2265	6.677804	0.181384	0.719439	0.175275	4.104634	8.33E-05	0.001055	1
ENSG0000 response	Inflamed	GRAMD4	protein_cc	chr22	46971909	47075688	+	4886	5246.093	0	0.510215	0.12437	4.102407	8.40E-05	0.001063	1
ENSG0000 response	Inflamed	IP6K2	protein_cc	chr3	48725436	48777786	-	5624	3219.933	0	0.382393	0.093213	4.102335	8.40E-05	0.001063	1
ENSG0000 response	Inflamed	RRAD	protein_cc	chr16	66955582	66959547	-	1709	129.6325	0	-0.85946	0.209527	-4.1019	8.42E-05	0.001064	1
ENSG0000 response	Inflamed	RP11-1387	lincRNA	chr7	1.31E+08	1.31E+08	+	3198	23.64678	0.078759	1.07543	0.262224	4.101195	8.44E-05	0.001067	1
ENSG0000 response	Inflamed	IGHV3-7	IG_V_gene	chr14	1.07E+08	1.07E+08	-	430	18426.45	0	-1.22689	0.299166	-4.10104	8.44E-05	0.001067	1
ENSG0000 response	Inflamed	RP4-575N6	sense_ove	chr1	1.02E+08	1.02E+08	+	592	1.059666	0.732697	-0.42102	0.102696	-4.09964	8.49E-05	0.001072	1
ENSG0000 response	Inflamed	NKG7	protein_cc	chr19	51874860	51875969	-	935	417.8496	0	-0.6626	0.161653	-4.09892	8.51E-05	0.001074	1
ENSG0000 response	Inflamed	IGKV1D-16	IG_V_gene	chr2	90139078	90139580	+	378	825.9021	0.002387	-1.29388	0.315676	-4.09874	8.52E-05	0.001074	1
ENSG0000 response	Inflamed	CD274	protein_cc	chr9	5450503	5470566	+	4108	542.1169	0	-1.09707	0.267664	-4.09868	8.52E-05	0.001074	1
ENSG0000 response	Inflamed	SLFN11	protein_cc	chr17	33677324	33700720	-	5982	1260.134	0	-0.85324	0.208195	-4.09829	8.53E-05	0.001075	1
ENSG0000 response	Inflamed	KIF12	protein_cc	chr9	1.17E+08	1.17E+08	-	2975	523.3079	0	0.689154	0.16822	4.09673	8.58E-05	0.00108	1
ENSG0000 response	Inflamed	MESP2	protein_cc	chr15	90303822	90321982	+	1780	37.2506	0.00716	0.700335	0.170952	4.096686	8.58E-05	0.00108	1
ENSG0000 response	Inflamed	RP4-576H7	pseudoger	chr20	1497405	1538299	-	1720	2.078759	0.513126	-0.54971	0.134203	-4.0961	8.60E-05	0.001082	1
ENSG0000 response	Inflamed	RP3-355L5	lincRNA	chr6	1.06E+08	1.06E+08	-	541	7.844869	0.047733	0.546888	0.133522	4.095859	8.61E-05	0.001082	1
ENSG0000 response	Inflamed	AP001187	pseudoger	chr11	64657298	64657758	-	459	363.8449	0	1.037798	0.253379	4.095827	8.61E-05	0.001082	1
ENSG0000 response	Inflamed	MIR155HC	lincRNA	chr21	26934221	26947480	+	1600	91.08831	0	-0.97827	0.238851	-4.09573	8.61E-05	0.001082	1
ENSG0000 response	Inflamed	EPOR	protein_cc	chr19	11488236	11495018	-	2724	147.315	0	-0.52147	0.127352	-4.09473	8.64E-05	0.001086	1
ENSG0000 response	Inflamed	PF4	protein_cc	chr4	74846794	74847841	-	604	77.52029	0.002387	-1.02514	0.250386	-4.09423	8.66E-05	0.001087	1
ENSG0000 response	Inflamed	IGHV1-12	IG_V_pseu	chr14	1.07E+08	1.07E+08	-	205	28.04773	0.150358	-0.98112	0.239637	-4.09419	8.66E-05	0.001087	1
ENSG0000 response	Inflamed	C1orf186	protein_cc	chr1	2.06E+08	2.06E+08	-	2910	163.4845	0	-0.72282	0.176553	-4.09408	8.66E-05	0.001087	1
ENSG0000 response	Inflamed	RP11-3261	sense_intr	chr4	1.85E+08	1.85E+08	-	686	40.76372	0.00716	-0.69544	0.169879	-4.09373	8.67E-05	0.001087	1
ENSG0000 response	Inflamed	RP11-75C9	lincRNA	chr9	8858130	8862255	+	2494	40.19093	0.002387	0.698437	0.170663	4.092492	8.71E-05	0.001092	1
ENSG0000 response	Inflamed	AQPEP	protein_cc	chr5	1.15E+08	1.15E+08	+	6636	7.630072	0.338902	-1.11341	0.272106	-4.09182	8.74E-05	0.001094	1
ENSG0000 response	Inflamed	SDHD	protein_cc	chr11	1.12E+08	1.12E+08	+	2126	2885.582	0	0.50951	0.124536	4.091282	8.75E-05	0.001096	1
ENSG0000 response	Inflamed	TNFRSF1B	protein_cc	chr1	12227060	12269285	+	3766	5794.85	0	-0.66185	0.161777	-4.09115	8.76E-05	0.001096	1
ENSG0000 response	Inflamed	BMP3	protein_cc	chr4	81952119	81978685	+	5734	475.0621	0.038186	1.985222	0.485282	4.090862	8.77E-05	0.001096	1
ENSG0000 response	Inflamed	PPAP2C	protein_cc	chr19	281040	291393	-	2306	2553.119	0	0.420038	0.102709	4.089594	8.81E-05	0.001101	1
ENSG0000 response	Inflamed	LGALS12	protein_cc	chr11	63273556	63284246	+	2270	56.41766	0.033413	-1.03767	0.253755	-4.08925	8.82E-05	0.001102	1
ENSG0000 response	Inflamed	CTC-548K1	lincRNA	chr19	14416270	14481008	-	1016	3.183771	0.338902	-0.55298	0.135261	-4.08825	8.85E-05	0.001105	1
ENSG0000 response	Inflamed	CLN3	protein_cc	chr16	28477983	28506896	-	4736	1874.305	0	0.364871	0.089272	4.087193	8.89E-05	0.001109	1
ENSG0000 response	Inflamed	PRDX6	protein_cc	chr1	1.73E+08	1.73E+08	+	2367	11467.15	0	0.572452	0.140073	4.086802	8.90E-05	0.00111	1
ENSG0000 response	Inflamed	ITGAL	protein_cc	chr16	30483979	30534506	+	6472	2557.103	0	-0.7237	0.177104	-4.08628	8.92E-05	0.001112	1
ENSG0000 response	Inflamed	CNP	protein_cc	chr17	40118759	40129749	+	7426	3126.033	0	-0.32412	0.079379	-4.08317	9.02E-05	0.001124	1
ENSG0000 response	Inflamed	PNLIPRP1	protein_cc	chr10	1.18E+08	1.18E+08	+	4986	1.656325	0.689737	0.462269	0.113218	4.083014	9.02E-05	0.001124	1
ENSG0000 response	Inflamed	RP11-2621	pseudoger	chrX	71364034	71381600	+	2269	9.587112	0.078759	-0.75399	0.184677	-4.08273	9.03E-05	0.001125	1
ENSG0000 response	Inflamed	LYSMD2	protein_cc	chr15	52015208	52043782	-	2074	327.7661	0	-0.45533	0.111555	-4.08168	9.07E-05	0.001129	1
ENSG0000 response	Inflamed	SLC38A5	protein_cc	chrX	48316920	48328644	-	4016	1283.504	0	-0.5079	0.124451	-4.08115	9.09E-05	0.00113	1

ENSG0000 response	Inflamed	LINC00242	lincRNA	chr6	1.7E+08	1.7E+08	-	2418	17.03819	0.026253	-0.64616	0.158347	-4.08068	9.10E-05	0.001132	1
ENSG0000 response	Inflamed	NAMPT	protein_cc	chr7	1.06E+08	1.06E+08	-	9049	6681.869	0	-0.99568	0.244009	-4.08049	9.11E-05	0.001132	1
ENSG0000 response	Inflamed	UBL4B	protein_cc	chr1	1.11E+08	1.11E+08	+	1508	2.162291	0.689737	-0.64418	0.157879	-4.0802	9.12E-05	0.001133	1
ENSG0000 response	Inflamed	RNF25	protein_cc	chr2	2.2E+08	2.2E+08	-	2323	503.3699	0	-0.23819	0.058394	-4.07905	9.16E-05	0.001136	1
ENSG0000 response	Inflamed	LINC00992	lincRNA	chr5	1.17E+08	1.17E+08	+	1144	40.78282	0.038186	1.002158	0.245685	4.079041	9.16E-05	0.001136	1
ENSG0000 response	Inflamed	MTRNR2L6	protein_cc	chr7	1.42E+08	1.42E+08	+	1447	9.508353	0.107399	0.745147	0.182679	4.079003	9.16E-05	0.001136	1
ENSG0000 response	Inflamed	C4B	protein_cc	chr6	31982539	32003195	+	7116	808.6158	0.002387	-1.19602	0.293218	-4.07895	9.16E-05	0.001136	1
ENSG0000 response	Inflamed	SFRP2	protein_cc	chr4	1.55E+08	1.55E+08	-	2032	408.9332	0.016706	-1.81514	0.445348	-4.07577	9.27E-05	0.001149	1
ENSG0000 response	Inflamed	CD48	protein_cc	chr1	1.61E+08	1.61E+08	-	2494	835.5632	0	-0.6954	0.170668	-4.07456	9.31E-05	0.001153	1
ENSG0000 response	Inflamed	DHDDS	protein_cc	chr1	26758773	26797785	+	5596	3437.024	0	0.357266	0.087704	4.073527	9.34E-05	0.001157	1
ENSG0000 response	Inflamed	C9orf24	protein_cc	chr9	34379017	34397830	-	1439	22.45346	0.011933	0.69493	0.170598	4.073494	9.35E-05	0.001157	1
ENSG0000 response	Inflamed	LINC00656	lincRNA	chr20	23105705	23113258	-	1896	2.4821	0.417661	-0.53321	0.130918	-4.07282	9.37E-05	0.001159	1
ENSG0000 response	Inflamed	DUOXA2	protein_cc	chr15	45406519	45410619	+	2554	8410.351	0.002387	-2.06718	0.507583	-4.07259	9.38E-05	0.001159	1
ENSG0000 response	Inflamed	RP11-750f1	antisense	chr11	47404699	47430741	-	1113	90.19093	0.00716	-0.86512	0.212433	-4.07243	9.38E-05	0.001159	1
ENSG0000 response	Inflamed	PDZD3	protein_cc	chr11	1.19E+08	1.19E+08	+	3827	1506.134	0.004773	1.163843	0.285793	4.072332	9.39E-05	0.001159	1
ENSG0000 response	Inflamed	AP1M1	protein_cc	chr19	16308389	16346160	+	3813	1584.492	0	-0.41006	0.100694	-4.0723	9.39E-05	0.001159	1
ENSG0000 response	Inflamed	DNM3	protein_cc	chr1	1.72E+08	1.72E+08	+	11346	77.27446	0	-0.56973	0.139917	-4.07194	9.40E-05	0.00116	1
ENSG0000 response	Inflamed	TGM2	protein_cc	chr20	36756863	36794980	-	6962	11936.68	0	-0.90119	0.221326	-4.07175	9.41E-05	0.00116	1
ENSG0000 response	Inflamed	IRF5	protein_cc	chr7	1.29E+08	1.29E+08	+	4375	729.3962	0	-0.44712	0.109825	-4.07119	9.42E-05	0.001162	1
ENSG0000 response	Inflamed	NAB2	protein_cc	chr12	57482677	57489259	+	3010	744.5322	0	-0.63321	0.155573	-4.07019	9.46E-05	0.001166	1
ENSG0000 response	Inflamed	PPARG	protein_cc	chr3	12328867	12475855	+	4046	1882.053	0	0.664999	0.1634	4.069761	9.47E-05	0.001167	1
ENSG0000 response	Inflamed	PHGR1	protein_cc	chr15	40643234	40648635	+	941	44210.04	0	1.22159	0.300193	4.069349	9.49E-05	0.001168	1
ENSG0000 response	Inflamed	ZNF219	protein_cc	chr14	21558205	21572881	-	4643	2537.408	0	0.419757	0.103152	4.069299	9.49E-05	0.001168	1
ENSG0000 response	Inflamed	USP30	protein_cc	chr12	1.09E+08	1.1E+08	+	5135	771.4726	0	0.458736	0.112739	4.069004	9.50E-05	0.001169	1
ENSG0000 response	Inflamed	GLDC	protein_cc	chr9	6532464	6645650	-	4656	142.7518	0	-0.805	0.197867	-4.0684	9.52E-05	0.001171	1
ENSG0000 response	Inflamed	TMED1	protein_cc	chr19	10943114	10946994	-	1513	436.9093	0	-0.30486	0.074936	-4.06825	9.53E-05	0.001171	1
ENSG0000 response	Inflamed	DTX4	protein_cc	chr11	58938903	58976060	+	6072	5949.203	0	0.4402	0.108234	4.067098	9.57E-05	0.001175	1
ENSG0000 response	Inflamed	AC093642	lincRNA	chr2	2.43E+08	2.43E+08	+	2854	117.5394	0.004773	1.119109	0.275173	4.066932	9.57E-05	0.001176	1
ENSG0000 response	Inflamed	COL15A1	protein_cc	chr9	1.02E+08	1.02E+08	+	6637	5991.692	0	-1.07984	0.26554	-4.06659	9.59E-05	0.001176	1
ENSG0000 response	Inflamed	CHRNA7	protein_cc	chr15	32322691	32464722	+	5766	75.75179	0.01432	0.917679	0.225679	4.066306	9.60E-05	0.001177	1
ENSG0000 response	Inflamed	DUSP22	protein_cc	chr6	291630	351355	+	5686	1728.189	0	-0.38886	0.095639	-4.06587	9.61E-05	0.001177	1
ENSG0000 response	Inflamed	P2RY4	protein_cc	chrX	69478016	69479654	-	1639	18.80668	0.116945	0.969285	0.238396	4.065869	9.61E-05	0.001177	1
ENSG0000 response	Inflamed	DESI1	protein_cc	chr22	41994032	42017100	-	4972	2281.279	0	-0.22865	0.056236	-4.06579	9.61E-05	0.001177	1
ENSG0000 response	Inflamed	IL21-AS1	antisense	chr4	1.24E+08	1.24E+08	+	3748	7.816229	0.317422	-0.90977	0.223763	-4.06578	9.61E-05	0.001177	1
ENSG0000 response	Inflamed	RP11-109C	antisense	chr17	12663457	12693559	-	3679	14.82816	0.408115	0.951601	0.234054	4.065723	9.62E-05	0.001177	1
ENSG0000 response	Inflamed	CDHR3	protein_cc	chr7	1.06E+08	1.06E+08	+	9794	132.9809	0	0.696617	0.171345	4.065594	9.62E-05	0.001177	1
ENSG0000 response	Inflamed	NRAP	protein_cc	chr10	1.15E+08	1.15E+08	-	5721	56.10501	0.062053	1.302152	0.320315	4.065227	9.63E-05	0.001178	1
ENSG0000 response	Inflamed	FBXO18	protein_cc	chr10	5931535	5979556	+	6817	3876.079	0	-0.32293	0.079481	-4.06301	9.71E-05	0.001187	1
ENSG0000 response	Inflamed	OR7E12P	pseudoger	chr11	3412010	3412982	-	973	1.560859	0.720764	-0.62686	0.154291	-4.06286	9.72E-05	0.001187	1
ENSG0000 response	Inflamed	MIR200A	miRNA	chr1	1103243	1103332	+	90	22.6969	0.054893	0.831387	0.204663	4.062233	9.74E-05	0.001189	1

ENSG0000 response	Inflamed	NDUFV1	protein_cc chr11	67374323	67380006	+	4154	6506.757	0	0.291581	0.071779	4.062221	9.74E-05	0.001189	1
ENSG0000 response	Inflamed	RP11-395E	processed_chr7	1.01E+08	1.01E+08	-	2552	1650.394	0	0.944106	0.232481	4.061008	9.78E-05	0.001194	1
ENSG0000 response	Inflamed	PLCB2	protein_cc chr15	40570377	40600136	-	7350	1709.01	0	-0.61907	0.152493	-4.05969	9.83E-05	0.001199	1
ENSG0000 response	Inflamed	PIK3R6	protein_cc chr17	8706041	8770994	-	3563	254.3389	0	-0.52767	0.12998	-4.05959	9.83E-05	0.001199	1
ENSG0000 response	Inflamed	CTB-167B5	lincRNA chr7	87900207	87903065	-	2859	51.85203	0.02148	-0.93987	0.231531	-4.05935	9.84E-05	0.001199	1
ENSG0000 response	Inflamed	FXYD4	protein_cc chr10	43867090	43871783	+	774	2.670644	0.508353	0.664474	0.163734	4.058252	9.88E-05	0.001203	1
ENSG0000 response	Inflamed	RP13-494C	lincRNA chr4	25866503	25871172	-	762	1.852029	0.577566	-0.52764	0.130018	-4.05818	9.89E-05	0.001203	1
ENSG0000 response	Inflamed	RP11-94L1	lincRNA chr17	37913974	37920089	-	6116	1544.776	0	-0.86571	0.213337	-4.05792	9.89E-05	0.001204	1
ENSG0000 response	Inflamed	S100Z	protein_cc chr5	76145826	76217475	+	1951	8.797136	0.064439	-0.70671	0.174163	-4.05773	9.90E-05	0.001204	1
ENSG0000 response	Inflamed	RAET1G	protein_cc chr6	1.5E+08	1.5E+08	-	1486	9.811456	0.057279	-0.73557	0.181296	-4.05728	9.92E-05	0.001205	1
ENSG0000 response	Inflamed	SETD9	protein_cc chr5	56205087	56221359	+	2535	197.6778	0	0.475107	0.117101	4.057241	9.92E-05	0.001205	1
ENSG0000 response	Inflamed	CARD17	protein_cc chr11	1.05E+08	1.05E+08	-	466	4.582339	0.319809	-0.75762	0.186775	-4.0563	9.95E-05	0.001208	1
ENSG0000 response	Inflamed	RAB7L1	protein_cc chr1	2.06E+08	2.06E+08	-	3882	702.7136	0	-0.60527	0.149219	-4.05625	9.96E-05	0.001208	1
ENSG0000 response	Inflamed	TINAG	protein_cc chr6	54172657	54254950	+	2155	259.7589	0.009547	0.878806	0.216854	4.052531	0.000101	0.001223	1
ENSG0000 response	Inflamed	AC002331	lincRNA chr16	26596076	26606134	-	294	2.811456	0.5179	-0.63923	0.157744	-4.05232	0.000101	0.001223	1
ENSG0000 response	Inflamed	WFDC2	protein_cc chr20	44098346	44110172	+	1382	2200.683	0	1.183099	0.291957	4.0523	0.000101	0.001223	1
ENSG0000 response	Inflamed	RP11-3B12	antisense chr7	1.25E+08	1.25E+08	+	6304	2.990453	0.338902	-0.49786	0.122859	-4.05229	0.000101	0.001223	1
ENSG0000 response	Inflamed	CYP2D6	protein_cc chr22	42522501	42526908	-	2395	106.5704	0	0.941908	0.23244	4.05226	0.000101	0.001223	1
ENSG0000 response	Inflamed	RP11-6111	antisense chr6	39849580	39867847	-	6854	34.07876	0.033413	-0.9001	0.222135	-4.05204	0.000101	0.001224	1
ENSG0000 response	Inflamed	FOXQ1	protein_cc chr6	1312675	1314992	+	2318	307.1718	0.002387	-1.02382	0.252673	-4.05194	0.000101	0.001224	1
ENSG0000 response	Inflamed	NMNAT2	protein_cc chr1	1.83E+08	1.83E+08	-	7165	52.85442	0.0358	-1.04129	0.257042	-4.05107	0.000101	0.001227	1
ENSG0000 response	Inflamed	BCAT2	protein_cc chr19	49298319	49314286	-	4553	1359.274	0	0.406917	0.100449	4.050994	0.000101	0.001227	1
ENSG0000 response	Inflamed	PKIA	protein_cc chr8	79428374	79517502	+	4216	125.1098	0	-0.78714	0.19434	-4.05031	0.000102	0.001229	1
ENSG0000 response	Inflamed	COPS7A	protein_cc chr12	6832907	6841041	+	3113	1670.138	0	-0.22218	0.054861	-4.04986	0.000102	0.001231	1
ENSG0000 response	Inflamed	RP13-1016	lincRNA chr4	1552011	1552299	+	289	4.863962	0.24821	-0.65851	0.162627	-4.04919	0.000102	0.001233	1
ENSG0000 response	Inflamed	PRRX1	protein_cc chr1	1.71E+08	1.71E+08	+	8246	617.4105	0.002387	-1.35302	0.334224	-4.04823	0.000103	0.001237	1
ENSG0000 response	Inflamed	SIGLEC15	protein_cc chr18	43405477	43424045	+	3598	28.179	0.019093	-0.76558	0.189118	-4.04816	0.000103	0.001237	1
ENSG0000 response	Inflamed	DSE	protein_cc chr6	1.17E+08	1.17E+08	+	11498	738.5418	0	-0.75798	0.187267	-4.04758	0.000103	0.001239	1
ENSG0000 response	Inflamed	BZRAP1-A5	antisense chr17	56402811	56493127	+	3601	175.537	0.002387	-0.80121	0.197958	-4.04738	0.000103	0.001239	1
ENSG0000 response	Inflamed	NID2	protein_cc chr14	52471521	52535712	-	6158	1217.979	0	-0.79172	0.195617	-4.0473	0.000103	0.001239	1
ENSG0000 response	Inflamed	TNK2-AS1	antisense chr3	1.96E+08	1.96E+08	+	2096	9.918854	0.073986	-0.68916	0.170288	-4.04706	0.000103	0.001239	1
ENSG0000 response	Inflamed	PTGS1	protein_cc chr9	1.25E+08	1.25E+08	+	5607	2935.952	0	-0.73617	0.181912	-4.04683	0.000103	0.00124	1
ENSG0000 response	Inflamed	HNF4A	protein_cc chr20	42984340	43061485	+	5560	13506.55	0	0.958041	0.23676	4.04646	0.000103	0.001241	1
ENSG0000 response	Inflamed	GRAMD3	protein_cc chr5	1.26E+08	1.26E+08	+	5051	1201.594	0	0.654389	0.161793	4.044608	0.000104	0.001249	1
ENSG0000 response	Inflamed	DNAH3	protein_cc chr16	20944433	21170762	-	14960	101.7088	0.004773	0.836133	0.206762	4.043942	0.000104	0.001251	1
ENSG0000 response	Inflamed	MDFI	protein_cc chr6	41604620	41621984	+	2523	357.9379	0.002387	-1.03059	0.254931	-4.04263	0.000105	0.001257	1
ENSG0000 response	Inflamed	IGHV4-31	IG_V_gene chr14	1.07E+08	1.07E+08	-	426	3977.647	0.002387	-1.44634	0.357803	-4.0423	0.000105	0.001258	1
ENSG0000 response	Inflamed	CDC42EP2	protein_cc chr11	65082289	65089900	+	2452	1030.389	0	-0.5762	0.142553	-4.04198	0.000105	0.001259	1
ENSG0000 response	Inflamed	NFKBIA	protein_cc chr14	35870717	35873955	-	2373	4742.599	0	-0.5542	0.137144	-4.041	0.000105	0.001262	1
ENSG0000 response	Inflamed	MAN2B1	protein_cc chr19	12757325	12777556	-	5374	6293.907	0	-0.38814	0.09605	-4.04097	0.000105	0.001262	1

ENSG0000 response	Inflamed	HOXB5	protein_cc chr17	46668619	46671323	-	2041	964.7112	0	0.747266	0.184936	4.040671	0.000105	0.001263	1
ENSG0000 response	Inflamed	RP11-44F2	lincRNA chr4	76006912	76009927	-	1033	53.86635	0.011933	0.789267	0.195379	4.039681	0.000106	0.001267	1
ENSG0000 response	Inflamed	ECH1	protein_cc chr19	39306062	39322645	-	2467	3824.642	0	0.351042	0.086906	4.039342	0.000106	0.001268	1
ENSG0000 response	Inflamed	FAM167A	protein_cc chr8	11278972	11332224	-	5033	340.0263	0	-0.90917	0.22516	-4.0379	0.000106	0.001274	1
ENSG0000 response	Inflamed	GADD45B	protein_cc chr19	2476120	2478257	+	2138	763.4272	0	-0.65529	0.162298	-4.03761	0.000107	0.001275	1
ENSG0000 response	Inflamed	SUGT1P	pseudoger chr9	33503653	33510709	-	476	3.620525	0.274463	-0.58244	0.144288	-4.03668	0.000107	0.001279	1
ENSG0000 response	Inflamed	RP5-1028k	lincRNA chr17	38673278	38683254	+	1198	46.22673	0.064439	-1.18322	0.293207	-4.03545	0.000107	0.001284	1
ENSG0000 response	Inflamed	C4BPA	protein_cc chr1	2.07E+08	2.07E+08	+	2441	605.9666	0	-1.67452	0.415055	-4.03444	0.000108	0.001288	1
ENSG0000 response	Inflamed	AGXT	protein_cc chr2	2.42E+08	2.42E+08	+	4459	47.78759	0.01432	1.078058	0.267216	4.034409	0.000108	0.001288	1
ENSG0000 response	Inflamed	TMEM55A	protein_cc chr8	92006024	92053292	-	3066	201.1504	0	-0.64506	0.160015	-4.03124	0.000109	0.001302	1
ENSG0000 response	Inflamed	APH1A	protein_cc chr1	1.5E+08	1.5E+08	-	3468	7935.289	0	0.247961	0.061511	4.031151	0.000109	0.001302	1
ENSG0000 response	Inflamed	SH3BP5	protein_cc chr3	15296360	15382875	-	4159	1274.26	0	-0.78516	0.194777	-4.03106	0.000109	0.001302	1
ENSG0000 response	Inflamed	SNCG	protein_cc chr10	88718375	88723017	+	1247	71.61098	0.002387	-0.76838	0.190659	-4.03014	0.00011	0.001305	1
ENSG0000 response	Inflamed	RP11-103J	antisense chr20	10653576	10975572	+	1279	6.546539	0.140811	0.586705	0.145584	4.030004	0.00011	0.001305	1
ENSG0000 response	Inflamed	LRFN1	protein_cc chr19	39797208	39805976	-	3381	85.07637	0.01432	-0.70598	0.17519	-4.0298	0.00011	0.001306	1
ENSG0000 response	Inflamed	TFAP2C	protein_cc chr20	55204358	55214339	+	3112	138.8807	0.009547	-1.02759	0.255018	-4.02947	0.00011	0.001307	1
ENSG0000 response	Inflamed	NRP1	protein_cc chr10	33466420	33625190	-	11517	2338.613	0	-0.6675	0.165695	-4.02851	0.00011	0.001311	1
ENSG0000 response	Inflamed	ATP1A1	protein_cc chr1	1.17E+08	1.17E+08	+	7261	64364.04	0	0.544331	0.135149	4.027621	0.000111	0.001315	1
ENSG0000 response	Inflamed	AP000344	pseudoger chr22	23788785	23803020	+	795	26.05489	0.133652	0.974982	0.242132	4.026653	0.000111	0.001319	1
ENSG0000 response	Inflamed	RP11-146I	protein_cc chr9	42409989	42474239	+	2248	2.75895	0.498807	0.567399	0.140923	4.026293	0.000111	0.00132	1
ENSG0000 response	Inflamed	NUP210	protein_cc chr3	13357737	13461809	-	8180	3536.58	0	-0.66194	0.164458	-4.02496	0.000112	0.001326	1
ENSG0000 response	Inflamed	TTC39A	protein_cc chr1	51752930	51810788	-	9362	2887.487	0	0.609499	0.151448	4.024471	0.000112	0.001327	1
ENSG0000 response	Inflamed	RP11-502I	lincRNA chr15	67833410	67834942	-	1533	56.8401	0	0.563919	0.140133	4.02416	0.000112	0.001328	1
ENSG0000 response	Inflamed	WDR66	protein_cc chr12	1.22E+08	1.22E+08	+	16115	69.24821	0.00716	-0.77084	0.191565	-4.02392	0.000112	0.001329	1
ENSG0000 response	Inflamed	DLG1-AS1	antisense chr3	1.97E+08	1.97E+08	+	1694	7.319809	0.116945	0.632473	0.157195	4.023484	0.000112	0.00133	1
ENSG0000 response	Inflamed	AC053503	antisense chr2	2.2E+08	2.2E+08	+	1598	12.46062	0.069212	0.736376	0.183022	4.02344	0.000112	0.00133	1
ENSG0000 response	Inflamed	MOBP	protein_cc chr3	39508689	39570970	+	9237	14.57518	0.183771	0.830233	0.206371	4.023001	0.000112	0.001331	1
ENSG0000 response	Inflamed	IRAK2	protein_cc chr3	10206549	10285427	+	3483	481.3103	0	-0.74362	0.184846	-4.02288	0.000112	0.001331	1
ENSG0000 response	Inflamed	PPAPDC3	protein_cc chr9	1.34E+08	1.34E+08	+	2430	102.0286	0	-0.71338	0.177345	-4.02254	0.000113	0.001332	1
ENSG0000 response	Inflamed	GZMH	protein_cc chr14	25075686	25078905	-	951	64.67542	0.002387	-0.7154	0.177868	-4.02206	0.000113	0.001334	1
ENSG0000 response	Inflamed	SLC16A5	protein_cc chr17	73083822	73102257	+	3089	1325.136	0	0.401646	0.099891	4.020824	0.000113	0.00134	1
ENSG0000 response	Inflamed	GNS	protein_cc chr12	65107225	65153227	-	6284	6386.177	0	-0.45762	0.113857	-4.01923	0.000114	0.001347	1
ENSG0000 response	Inflamed	CEND1	protein_cc chr11	787104	790123	-	1649	14.26969	0.050119	-0.82794	0.206005	-4.01903	0.000114	0.001347	1
ENSG0000 response	Inflamed	SLC37A4	protein_cc chr11	1.19E+08	1.19E+08	-	6186	1933.112	0	0.355092	0.088367	4.018385	0.000114	0.00135	1
ENSG0000 response	Inflamed	GSS	protein_cc chr20	33516236	33543620	-	2325	2760.508	0	0.301762	0.075109	4.017675	0.000115	0.001352	1
ENSG0000 response	Inflamed	RP11-274E	lincRNA chr9	71158457	71161505	-	526	6.75179	0.379475	-0.98501	0.245177	-4.01754	0.000115	0.001352	1
ENSG0000 response	Inflamed	SIT1	protein_cc chr9	35649292	35650937	-	1286	205.895	0	-0.69165	0.172159	-4.01753	0.000115	0.001352	1
ENSG0000 response	Inflamed	MAPK12	protein_cc chr22	50683879	50700254	-	9421	304.5919	0	-0.55511	0.138207	-4.01654	0.000115	0.001356	1
ENSG0000 response	Inflamed	CASP4	protein_cc chr11	1.05E+08	1.05E+08	-	7256	1541.778	0	-0.64143	0.15975	-4.01522	0.000116	0.001362	1
ENSG0000 response	Inflamed	NDP	protein_cc chrX	43808022	43832750	-	1833	17.09547	0.097852	-1.08367	0.269934	-4.01457	0.000116	0.001365	1

ENSG0000 response	Inflamed	FAM110C	protein_cc chr2	38814	46870	-	3968	873.3317	0	0.803747	0.200217	4.014387	0.000116	0.001365	1
ENSG0000 response	Inflamed	CRB3	protein_cc chr19	6463788	6467232	+	1592	1663.628	0	0.73564	0.183269	4.013999	0.000116	0.001367	1
ENSG0000 response	Inflamed	GCG	protein_cc chr2	1.63E+08	1.63E+08	-	2378	1251.821	0.002387	1.476603	0.367908	4.013515	0.000116	0.001368	1
ENSG0000 response	Inflamed	MIR3646	miRNA chr20	43036760	43036843	+	84	2.317422	0.463007	0.512494	0.127723	4.012548	0.000117	0.001373	1
ENSG0000 response	Inflamed	DLGAP3	protein_cc chr1	35331037	35395186	-	3977	36.17422	0.002387	-0.58322	0.145375	-4.01186	0.000117	0.001375	1
ENSG0000 response	Inflamed	IGKV2D-25	IG_V_gene chr2	89986322	89987079	+	390	1916.021	0	-1.32414	0.33009	-4.01145	0.000117	0.001377	1
ENSG0000 response	Inflamed	PTGDS	protein_cc chr9	1.4E+08	1.4E+08	+	2378	3761.22	0	-1.33116	0.331954	-4.01007	0.000118	0.001383	1
ENSG0000 response	Inflamed	SIGLEC14	protein_cc chr19	52145806	52150054	-	2082	206.0621	0.02864	-1.00447	0.250565	-4.00884	0.000118	0.001389	1
ENSG0000 response	Inflamed	FSTL1	protein_cc chr3	1.2E+08	1.2E+08	-	8727	5910.222	0	-0.89129	0.222338	-4.0087	0.000118	0.001389	1
ENSG0000 response	Inflamed	PTPRF	protein_cc chr1	43990858	44089343	+	10719	27418.13	0	0.734041	0.183132	4.008254	0.000119	0.001391	1
ENSG0000 response	Inflamed	CTB-175P5	lincRNA chr19	23582035	23598877	-	3296	227.9881	0.011933	1.060075	0.264485	4.008066	0.000119	0.001391	1
ENSG0000 response	Inflamed	AMICA1	protein_cc chr11	1.18E+08	1.18E+08	-	8587	1936.396	0	-0.58009	0.144806	-4.00597	0.00012	0.001401	1
ENSG0000 response	Inflamed	IL27	protein_cc chr16	28510683	28523372	-	1270	12.62291	0.155131	-0.89824	0.224233	-4.00583	0.00012	0.001401	1
ENSG0000 response	Inflamed	RP11-138I	antisense chr17	16317838	16320003	-	2166	0.935561	0.768496	-0.37091	0.092596	-4.0057	0.00012	0.001401	1
ENSG0000 response	Inflamed	RP11-493L	lincRNA chr12	47641907	47651322	+	510	7.116945	0.162291	-0.7301	0.18227	-4.00561	0.00012	0.001401	1
ENSG0000 response	Inflamed	IGLV3-27	IG_V_gene chr22	23010758	23011276	+	377	712.1408	0.002387	-1.32268	0.330227	-4.00537	0.00012	0.001401	1
ENSG0000 response	Inflamed	SH2D7	protein_cc chr15	78370150	78397251	+	2881	182.9618	0.023866	1.283557	0.320502	4.004829	0.00012	0.001404	1
ENSG0000 response	Inflamed	ABHD14B	protein_cc chr3	52002526	52017425	-	3161	3308.387	0	0.325306	0.081234	4.004529	0.00012	0.001404	1
ENSG0000 response	Inflamed	RP11-264E	lincRNA chr11	1.28E+08	1.28E+08	-	897	2.128878	0.615752	-0.70633	0.17641	-4.00394	0.000121	0.001407	1
ENSG0000 response	Inflamed	IYD	protein_cc chr6	1.51E+08	1.51E+08	+	10362	811.1957	0.004773	1.037791	0.259204	4.003756	0.000121	0.001407	1
ENSG0000 response	Inflamed	LRRN2	protein_cc chr1	2.05E+08	2.05E+08	-	5681	610.3294	0	1.110972	0.277483	4.003749	0.000121	0.001407	1
ENSG0000 response	Inflamed	SEMA6A	protein_cc chr5	1.16E+08	1.16E+08	-	10956	3187.513	0	0.822117	0.205352	4.003463	0.000121	0.001407	1
ENSG0000 response	Inflamed	LRP1B	protein_cc chr2	1.41E+08	1.43E+08	-	17040	3.878282	0.529833	-0.80197	0.200368	-4.00247	0.000121	0.001412	1
ENSG0000 response	Inflamed	CD300LB	protein_cc chr17	72517313	72527613	-	2720	103.2888	0.002387	-0.75601	0.18889	-4.00237	0.000121	0.001412	1
ENSG0000 response	Inflamed	CTD-2006I	lincRNA chr17	72595979	72603368	+	3602	16.56563	0.083532	-0.88974	0.222317	-4.00212	0.000121	0.001412	1
ENSG0000 response	Inflamed	APH1B	protein_cc chr15	63568217	63601325	+	5494	409.3246	0	-0.49129	0.122778	-4.00141	0.000122	0.001415	1
ENSG0000 response	Inflamed	CREB5	protein_cc chr7	28338940	28865511	+	11674	203.4129	0.002387	-1.09003	0.272491	-4.00022	0.000122	0.001421	1
ENSG0000 response	Inflamed	FAM105A	protein_cc chr5	14581884	14615116	+	4074	1695.117	0	0.617338	0.154334	4.000026	0.000122	0.001421	1
ENSG0000 response	Inflamed	TMEM9B	protein_cc chr11	8968841	8986558	-	3064	2067.239	0	0.3758	0.093959	3.999606	0.000122	0.001423	1
ENSG0000 response	Inflamed	C10orf10	protein_cc chr10	45466429	45474258	-	2979	1131.1	0	-0.71446	0.178658	-3.99903	0.000123	0.001425	1
ENSG0000 response	Inflamed	DGUOK-AS1	antisense chr2	74174769	74208568	-	865	39.84248	0.002387	0.689646	0.172479	3.998439	0.000123	0.001428	1
ENSG0000 response	Inflamed	RP11-350J	antisense chr6	1.5E+08	1.5E+08	+	312	18.30549	0.174224	-1.03237	0.258201	-3.99833	0.000123	0.001428	1
ENSG0000 response	Inflamed	TFF3	protein_cc chr21	43731777	43735761	-	1164	23516.07	0	1.000272	0.25019	3.998044	0.000123	0.001428	1
ENSG0000 response	Inflamed	MXRA5	protein_cc chrX	3226606	3264682	-	9793	7582.747	0	-0.85226	0.21317	-3.99803	0.000123	0.001428	1
ENSG0000 response	Inflamed	FLT4	protein_cc chr5	1.8E+08	1.8E+08	-	8849	467.1384	0.002387	-0.88974	0.222564	-3.99768	0.000123	0.001429	1
ENSG0000 response	Inflamed	C16orf86	protein_cc chr16	67700719	67702661	+	1789	70.77088	0.002387	-0.64075	0.160287	-3.99751	0.000123	0.001429	1
ENSG0000 response	Inflamed	MYL6B	protein_cc chr12	56546040	56553431	+	3264	424.9881	0	-0.47624	0.119142	-3.99722	0.000123	0.00143	1
ENSG0000 response	Inflamed	RP4-742C1	pseudoger chr22	39487591	39488860	+	640	3.842482	0.279236	-0.5746	0.14377	-3.99669	0.000124	0.001432	1
ENSG0000 response	Inflamed	ERBB3	protein_cc chr12	56473641	56497289	+	8651	11497.56	0	0.818825	0.204996	3.994337	0.000125	0.001444	1
ENSG0000 response	Inflamed	RP11-417E	lincRNA chr6	1.7E+08	1.7E+08	-	1054	5.023866	0.4821	-0.95496	0.239082	-3.9943	0.000125	0.001444	1

ENSG0000 response	Inflamed	CSAG1	protein_cc chrX	1.52E+08	1.52E+08	+	1092	2.140811	0.601432	-0.63221	0.15832	-3.99323	0.000125	0.001449	1
ENSG0000 response	Inflamed	ST6GALNA	protein_cc chr9	1.31E+08	1.31E+08	-	5309	9264.091	0	0.735807	0.184275	3.992987	0.000125	0.001449	1
ENSG0000 response	Inflamed	HIST1H2B	protein_cc chr6	26115101	26124154	-	834	82.53461	0	-0.76913	0.192642	-3.99254	0.000126	0.00145	1
ENSG0000 response	Inflamed	DOK1	protein_cc chr2	74776153	74784681	+	3049	851.4988	0	-0.3166	0.0793	-3.99248	0.000126	0.00145	1
ENSG0000 response	Inflamed	CSGALNAC	protein_cc chr10	43633934	43680756	+	3752	775.7566	0	-0.83773	0.209832	-3.99237	0.000126	0.00145	1
ENSG0000 response	Inflamed	EBF1	protein_cc chr5	1.58E+08	1.59E+08	-	6161	179.0095	0.00716	-0.89985	0.225398	-3.99227	0.000126	0.00145	1
ENSG0000 response	Inflamed	ELMO3	protein_cc chr16	67233014	67237932	+	2575	2091.129	0	0.512482	0.128411	3.990942	0.000126	0.001457	1
ENSG0000 response	Inflamed	AC092162	lincRNA chr2	1.78E+08	1.78E+08	-	5290	1.23389	0.701671	-0.51458	0.128959	-3.99025	0.000127	0.00146	1
ENSG0000 response	Inflamed	FAM83F	protein_cc chr22	40390953	40439533	+	16389	2579.544	0	0.840306	0.21063	3.989496	0.000127	0.001463	1
ENSG0000 response	Inflamed	GJC1	protein_cc chr17	42875816	42908184	-	8660	287.6969	0.01432	-1.03307	0.258962	-3.98929	0.000127	0.001463	1
ENSG0000 response	Inflamed	HDHD3	protein_cc chr9	1.16E+08	1.16E+08	-	2105	3838.069	0	0.523733	0.131285	3.989279	0.000127	0.001463	1
ENSG0000 response	Inflamed	PEX11A	protein_cc chr15	90220995	90234014	-	3171	581.4487	0	0.630746	0.158123	3.988971	0.000127	0.001464	1
ENSG0000 response	Inflamed	EFCAB4A	protein_cc chr11	826144	831991	+	3913	1949.974	0	0.477534	0.119721	3.988724	0.000127	0.001465	1
ENSG0000 response	Inflamed	DGKI	protein_cc chr7	1.37E+08	1.38E+08	-	15547	16.14558	0.057279	-0.82024	0.205653	-3.98845	0.000127	0.001465	1
ENSG0000 response	Inflamed	C9orf40	protein_cc chr9	77561497	77567802	-	2327	474.9809	0	0.390326	0.097864	3.988447	0.000127	0.001465	1
ENSG0000 response	Inflamed	CACNA1C	protein_cc chr12	2079952	2802108	+	14095	498.2768	0	-0.66916	0.167787	-3.98812	0.000128	0.001466	1
ENSG0000 response	Inflamed	EXD3	protein_cc chr9	1.4E+08	1.4E+08	-	7626	898.6683	0	0.39035	0.097883	3.987911	0.000128	0.001466	1
ENSG0000 response	Inflamed	LINC00924	lincRNA chr15	95976324	96051076	+	2682	4.692124	0.341289	-0.74818	0.187613	-3.98789	0.000128	0.001466	1
ENSG0000 response	Inflamed	CCM2L	protein_cc chr20	30598245	30619984	+	2596	202.3126	0	-0.65426	0.164072	-3.98763	0.000128	0.001467	1
ENSG0000 response	Inflamed	ATP5F1	protein_cc chr1	1.12E+08	1.12E+08	+	3383	5225.353	0	0.367265	0.092104	3.987493	0.000128	0.001467	1
ENSG0000 response	Inflamed	RP11-120k	sense_intr chr13	1.14E+08	1.14E+08	+	647	3.749403	0.336516	0.628219	0.157588	3.986455	0.000128	0.001472	1
ENSG0000 response	Inflamed	TMEM200	protein_cc chr18	5882071	5895954	-	10638	111.1289	0.01432	-0.8888	0.223004	-3.98557	0.000129	0.001476	1
ENSG0000 response	Inflamed	C17orf107	protein_cc chr17	4802713	4806227	+	3408	181.6539	0	-0.60518	0.151848	-3.98542	0.000129	0.001476	1
ENSG0000 response	Inflamed	KLKP1	pseudoger chr19	51385352	51399654	-	1912	1.408115	0.75179	0.406005	0.101915	3.983769	0.00013	0.001484	1
ENSG0000 response	Inflamed	RP11-256L	antisense chr12	96390299	96405267	+	862	4.966587	0.50358	-0.9367	0.235199	-3.98261	0.00013	0.001489	1
ENSG0000 response	Inflamed	VWA1	protein_cc chr1	1370241	1378262	+	5065	4033.9	0	-0.60996	0.15316	-3.98251	0.00013	0.001489	1
ENSG0000 response	Inflamed	COL5A3	protein_cc chr19	10070237	10121147	-	6750	1311.957	0	-0.93518	0.234833	-3.98231	0.00013	0.001489	1
ENSG0000 response	Inflamed	AC110619	protein_cc chr2	2.41E+08	2.41E+08	-	2347	25.74702	0.088305	1.120864	0.281461	3.982311	0.00013	0.001489	1
ENSG0000 response	Inflamed	CEBPB	protein_cc chr20	48807376	48809212	+	1837	2711.088	0	-0.79998	0.200906	-3.98185	0.000131	0.001491	1
ENSG0000 response	Inflamed	MKLN1-AS	antisense chr7	1.31E+08	1.31E+08	-	4515	109.6229	0	-0.73388	0.184314	-3.98167	0.000131	0.001492	1
ENSG0000 response	Inflamed	IL17REL	protein_cc chr22	50432942	50451088	-	3696	378.1169	0.016706	-1.37335	0.344943	-3.98138	0.000131	0.001492	1
ENSG0000 response	Inflamed	CARD9	protein_cc chr9	1.39E+08	1.39E+08	-	6699	249.4582	0	-0.54897	0.137904	-3.98079	0.000131	0.001495	1
ENSG0000 response	Inflamed	FCRL4	protein_cc chr1	1.58E+08	1.58E+08	-	3875	51.358	0.081146	-1.16342	0.292309	-3.98009	0.000131	0.001498	1
ENSG0000 response	Inflamed	ADAMTS4	protein_cc chr1	1.61E+08	1.61E+08	-	10334	734.3628	0.00716	-1.3603	0.341827	-3.97951	0.000132	0.001501	1
ENSG0000 response	Inflamed	ABHD8	protein_cc chr19	17402940	17421045	-	2210	362.2196	0	-0.48705	0.122394	-3.97935	0.000132	0.001501	1
ENSG0000 response	Inflamed	GPR183	protein_cc chr13	99946784	99959659	-	1700	500.3126	0	-0.75655	0.190156	-3.97859	0.000132	0.001504	1
ENSG0000 response	Inflamed	PLXDC1	protein_cc chr17	37219556	37310647	-	9277	761.9308	0	-0.91469	0.229938	-3.97797	0.000132	0.001507	1
ENSG0000 response	Inflamed	hsa-mir-11	protein_cc chr19	14183348	14185874	+	2252	1010.255	0	0.523373	0.131573	3.977826	0.000132	0.001507	1
ENSG0000 response	Inflamed	PRF1	protein_cc chr10	72357104	72362531	-	2534	581.3986	0	-0.6776	0.17037	-3.97725	0.000133	0.001509	1
ENSG0000 response	Inflamed	SIRPD	protein_cc chr20	1514897	1539489	-	1961	3.797136	0.322196	-0.66126	0.166262	-3.97724	0.000133	0.001509	1

ENSG0000 response	Inflamed	MAST2	protein_cc chr1	46252659	46501796	+	7877	6413.153	0	0.451636	0.113589	3.976054	0.000133	0.001515	1
ENSG0000 response	Inflamed	WNT5A	protein_cc chr3	55499743	55523973	-	6660	1618.136	0	-1.11545	0.28057	-3.97566	0.000134	0.001517	1
ENSG0000 response	Inflamed	STAP1	protein_cc chr4	68424446	68473055	+	1655	97.14797	0	-0.88493	0.22266	-3.97435	0.000134	0.001523	1
ENSG0000 response	Inflamed	IL1RAP	protein_cc chr3	1.9E+08	1.9E+08	+	9596	283.5179	0.002387	-0.93889	0.236245	-3.97425	0.000134	0.001523	1
ENSG0000 response	Inflamed	TNNI2	protein_cc chr11	1860219	1862910	+	1080	24.76372	0.002387	-0.56207	0.141478	-3.97281	0.000135	0.00153	1
ENSG0000 response	Inflamed	AL122127.	lincRNA chr14	1.06E+08	1.06E+08	+	485	14.16706	0.066826	-0.87253	0.219644	-3.97248	0.000135	0.001531	1
ENSG0000 response	Inflamed	DPF3	protein_cc chr14	73086004	73360809	-	6868	294.7279	0	0.713581	0.179636	3.972371	0.000135	0.001531	1
ENSG0000 response	Inflamed	AC011891	lincRNA chr7	12693804	12694610	+	432	26.59666	0.114558	1.128143	0.284024	3.971998	0.000135	0.001533	1
ENSG0000 response	Inflamed	CD74	protein_cc chr5	1.5E+08	1.5E+08	-	3184	107875.7	0	-0.53688	0.135169	-3.97192	0.000135	0.001533	1
ENSG0000 response	Inflamed	SHISA4	protein_cc chr1	2.02E+08	2.02E+08	+	1746	158.2291	0	-0.66939	0.168562	-3.97118	0.000136	0.001536	1
ENSG0000 response	Inflamed	RP11-1381	lincRNA chr17	16343793	16344266	-	304	4.391408	0.198091	0.578879	0.145834	3.969426	0.000137	0.001545	1
ENSG0000 response	Inflamed	ELF3	protein_cc chr1	2.02E+08	2.02E+08	+	7191	18437.42	0	0.823876	0.207559	3.969364	0.000137	0.001545	1
ENSG0000 response	Inflamed	ANKRD65	protein_cc chr1	1353800	1357149	-	2644	158.1074	0	-0.7831	0.197296	-3.96918	0.000137	0.001545	1
ENSG0000 response	Inflamed	SERPINB4	protein_cc chr18	61304493	61311532	-	2013	44.95465	0.484487	-1.87988	0.473625	-3.96913	0.000137	0.001545	1
ENSG0000 response	Inflamed	ATP5O	protein_cc chr21	35275757	35288284	-	3336	2817.124	0	0.43077	0.108536	3.968899	0.000137	0.001545	1
ENSG0000 response	Inflamed	LSM10	protein_cc chr1	36856839	36863493	-	1496	614.4845	0	-0.44533	0.112227	-3.96809	0.000137	0.001549	1
ENSG0000 response	Inflamed	MFSD12	protein_cc chr19	3538259	3574288	-	5277	2531.442	0	-0.42728	0.107687	-3.9678	0.000137	0.00155	1
ENSG0000 response	Inflamed	TAPBP	protein_cc chr6	33267471	33282164	-	5056	15218.88	0	-0.3684	0.092856	-3.96742	0.000138	0.001552	1
ENSG0000 response	Inflamed	STC2	protein_cc chr5	1.73E+08	1.73E+08	-	6128	142.9714	0.01432	-1.1696	0.294843	-3.96685	0.000138	0.001554	1
ENSG0000 response	Inflamed	DHH	protein_cc chr12	49483204	49488602	-	1936	19.64916	0.045346	-0.84932	0.214123	-3.96649	0.000138	0.001556	1
ENSG0000 response	Inflamed	HRH4	protein_cc chr18	22040593	22059921	+	3668	23.34368	0.062053	-1.00333	0.253064	-3.96472	0.000139	0.001565	1
ENSG0000 response	Inflamed	GTSF1L	protein_cc chr20	42354804	42355638	-	835	2.317422	0.579952	-0.57014	0.143811	-3.96453	0.000139	0.001565	1
ENSG0000 response	Inflamed	FBXO44	protein_cc chr1	11714432	11723384	+	3527	425.6897	0	-0.58604	0.147826	-3.96436	0.000139	0.001566	1
ENSG0000 response	Inflamed	LEF1	protein_cc chr4	1.09E+08	1.09E+08	-	5361	455.8616	0	-0.63836	0.161029	-3.96425	0.000139	0.001566	1
ENSG0000 response	Inflamed	SLC47A1	protein_cc chr17	19398698	19482347	+	5719	141.0024	0	-0.61149	0.154312	-3.96271	0.00014	0.001573	1
ENSG0000 response	Inflamed	ZBTB46	protein_cc chr20	62375019	62462597	-	5955	516.716	0	-0.57671	0.145537	-3.9626	0.00014	0.001573	1
ENSG0000 response	Inflamed	DNAJB7	protein_cc chr22	41255553	41258130	-	2578	3.279236	0.501193	0.57983	0.146329	3.962501	0.00014	0.001573	1
ENSG0000 response	Inflamed	CHST14	protein_cc chr15	40763160	40765353	+	2194	519.3437	0	-0.52623	0.132818	-3.96205	0.00014	0.001575	1
ENSG0000 response	Inflamed	KRT17	protein_cc chr17	39775689	39781094	-	2537	240.7399	0.181384	-1.94867	0.491878	-3.96169	0.00014	0.001577	1
ENSG0000 response	Inflamed	FAM155A	protein_cc chr13	1.08E+08	1.09E+08	-	3478	55.63484	0.016706	-0.96899	0.244664	-3.96047	0.000141	0.001583	1
ENSG0000 response	Inflamed	IGKV2-30	IG_V_gene chr2	89544264	89545079	-	390	3627.06	0	-1.15872	0.292611	-3.95995	0.000141	0.001585	1
ENSG0000 response	Inflamed	RP11-3661	processed_chr4	1.66E+08	1.66E+08	+	3089	5.329356	0.329356	-0.77993	0.196974	-3.95957	0.000142	0.001587	1
ENSG0000 response	Inflamed	RP11-465E	pseudoger chr1	995114	1004735	+	2171	11.76611	0.116945	-0.89272	0.225467	-3.95941	0.000142	0.001587	1
ENSG0000 response	Inflamed	RP11-2761	lincRNA chr9	89563614	89616948	+	4387	4.250597	0.298329	-0.67761	0.171169	-3.95869	0.000142	0.00159	1
ENSG0000 response	Inflamed	LINC00922	lincRNA chr16	65318402	65610203	-	2089	6.75179	0.391408	-0.83488	0.210935	-3.95798	0.000142	0.001594	1
ENSG0000 response	Inflamed	FCGR2C	polymorpt chr1	1.62E+08	1.62E+08	+	3178	147.4511	0.00716	-1.00718	0.254601	-3.95592	0.000143	0.001605	1
ENSG0000 response	Inflamed	CCR4	protein_cc chr3	32993066	32997841	+	3095	143.1742	0.016706	-0.97963	0.247643	-3.95581	0.000143	0.001605	1
ENSG0000 response	Inflamed	TRPC4	protein_cc chr13	38210773	38444562	-	4205	41.79236	0.026253	-0.89142	0.225412	-3.95462	0.000144	0.001611	1
ENSG0000 response	Inflamed	SLC51B	protein_cc chr15	65337708	65345734	+	940	854.0072	0.002387	1.151396	0.291167	3.954423	0.000144	0.001611	1
ENSG0000 response	Inflamed	IGHV3-74	IG_V_gene chr14	1.07E+08	1.07E+08	-	587	8907.32	0	-1.18577	0.299867	-3.95433	0.000144	0.001611	1

ENSG0000 response	Inflamed	RP11-875C	antisense	chr8	22928890	22932001	-	881	6.861575	0.183771	-0.73625	0.186189	-3.95429	0.000144	0.001611	1
ENSG0000 response	Inflamed	GPR27	protein_cc	chr3	71803201	71805647	+	2447	68.82816	0.00716	-0.8088	0.2046	-3.95309	0.000145	0.001617	1
ENSG0000 response	Inflamed	FMO1	protein_cc	chr1	1.71E+08	1.71E+08	+	3574	52.63246	0.159905	-1.52314	0.385328	-3.95283	0.000145	0.001618	1
ENSG0000 response	Inflamed	PACSIN3	protein_cc	chr11	47199076	47207994	-	2752	148.2673	0	-0.78302	0.198159	-3.9515	0.000146	0.001625	1
ENSG0000 response	Inflamed	NIPAL1	protein_cc	chr4	47916159	48042188	+	5981	1251.017	0	0.973654	0.246469	3.950413	0.000146	0.001631	1
ENSG0000 response	Inflamed	CHST8	protein_cc	chr19	34112861	34264414	+	3052	13.55847	0.095465	-0.94224	0.238523	-3.95031	0.000146	0.001631	1
ENSG0000 response	Inflamed	PANK1	protein_cc	chr10	91342745	91405215	-	4127	726.0907	0	0.75778	0.191832	3.950223	0.000146	0.001631	1
ENSG0000 response	Inflamed	C1QTNF6	protein_cc	chr22	37576207	37595425	-	7143	1280.179	0	-0.57144	0.144685	-3.94955	0.000147	0.001634	1
ENSG0000 response	Inflamed	BCL2L14	protein_cc	chr12	12202778	12364018	+	5112	841.8449	0	0.771752	0.195409	3.949412	0.000147	0.001634	1
ENSG0000 response	Inflamed	WSCD1	protein_cc	chr17	5675554	6027747	+	9082	1431.129	0	0.924366	0.234052	3.949406	0.000147	0.001634	1
ENSG0000 response	Inflamed	ZC3H12A	protein_cc	chr1	37940153	37949980	+	3117	4171.401	0	-0.67014	0.169688	-3.94924	0.000147	0.001634	1
ENSG0000 response	Inflamed	HTR3A	protein_cc	chr11	1.14E+08	1.14E+08	+	2772	28.66348	0.121718	-1.25683	0.318265	-3.949	0.000147	0.001635	1
ENSG0000 response	Inflamed	PRR5L	protein_cc	chr11	36317838	36486754	+	6636	3182.785	0	0.623909	0.158033	3.947953	0.000148	0.00164	1
ENSG0000 response	Inflamed	LINC00887	lincRNA	chr3	1.94E+08	1.94E+08	-	4153	1.551313	0.644391	-0.46848	0.11867	-3.94777	0.000148	0.00164	1
ENSG0000 response	Inflamed	RP11-1841	lincRNA	chr4	1.29E+08	1.29E+08	-	1623	3.596659	0.560859	-0.77888	0.19734	-3.9469	0.000148	0.001645	1
ENSG0000 response	Inflamed	POU4F1	protein_cc	chr13	79172497	79177673	-	4525	10.73986	0.100239	-0.75309	0.19083	-3.9464	0.000148	0.001647	1
ENSG0000 response	Inflamed	GYG2P1	pseudoger	chrY	14475147	14532255	-	2159	38.88067	0.412888	0.427568	0.108348	3.946257	0.000149	0.001647	1
ENSG0000 response	Inflamed	NOS1AP	protein_cc	chr1	1.62E+08	1.62E+08	+	8449	229.0668	0.00716	0.612845	0.155302	3.946142	0.000149	0.001647	1
ENSG0000 response	Inflamed	MASP1	protein_cc	chr3	1.87E+08	1.87E+08	-	12292	1342.337	0	-1.41575	0.358855	-3.94517	0.000149	0.001652	1
ENSG0000 response	Inflamed	AIP	protein_cc	chr11	67250512	67258574	+	1640	1141.544	0	-0.32274	0.081808	-3.94509	0.000149	0.001652	1
ENSG0000 response	Inflamed	A1CF	protein_cc	chr10	52559169	52645435	-	9603	997.21	0.004773	1.054193	0.26722	3.945039	0.000149	0.001652	1
ENSG0000 response	Inflamed	AIF1	protein_cc	chr6	31582961	31584798	+	1276	1017.535	0	-0.62135	0.157513	-3.94476	0.000149	0.001653	1
ENSG0000 response	Inflamed	AFAP1L1	protein_cc	chr5	1.49E+08	1.49E+08	+	4721	350.3031	0	-0.69875	0.177158	-3.94421	0.00015	0.001655	1
ENSG0000 response	Inflamed	IFI35	protein_cc	chr17	41158742	41166473	+	1973	1526.986	0	-0.35648	0.090424	-3.94235	0.000151	0.001665	1
ENSG0000 response	Inflamed	KCTD16	protein_cc	chr5	1.44E+08	1.44E+08	+	14294	3.465394	0.477327	0.85628	0.217205	3.942275	0.000151	0.001665	1
ENSG0000 response	Inflamed	ADD2	protein_cc	chr2	70834750	70995357	-	12673	56.21002	0.023866	-0.89282	0.226482	-3.94212	0.000151	0.001666	1
ENSG0000 response	Inflamed	BTG2	protein_cc	chr1	2.03E+08	2.03E+08	+	2757	11164.23	0	-0.66515	0.168758	-3.94145	0.000151	0.001669	1
ENSG0000 response	Inflamed	PDSS1	protein_cc	chr10	26986588	27035727	+	1959	482.4606	0	0.458742	0.116455	3.939217	0.000152	0.001682	1
ENSG0000 response	Inflamed	CYP2B6	protein_cc	chr19	41497204	41524303	+	3589	677.3699	0.01432	1.329245	0.337463	3.938941	0.000152	0.001683	1
ENSG0000 response	Inflamed	ITIH1	protein_cc	chr3	52811603	52826078	+	4543	6.959427	0.293556	-0.79886	0.202826	-3.93863	0.000153	0.001684	1
ENSG0000 response	Inflamed	NLRP14	protein_cc	chr11	7041677	7092539	+	3628	6.940334	0.176611	-0.75367	0.191389	-3.93789	0.000153	0.001688	1
ENSG0000 response	Inflamed	RP11-701F	lincRNA	chr4	1.86E+08	1.86E+08	-	795	4.732697	0.680191	-0.95669	0.24295	-3.93781	0.000153	0.001688	1
ENSG0000 response	Inflamed	COL5A2	protein_cc	chr2	1.9E+08	1.9E+08	-	7156	6239.294	0	-0.88635	0.225106	-3.93748	0.000153	0.001689	1
ENSG0000 response	Inflamed	ABCG2	protein_cc	chr4	89011416	89152474	-	4848	1398.375	0.002387	1.545694	0.392592	3.937148	0.000153	0.00169	1
ENSG0000 response	Inflamed	C1orf162	protein_cc	chr1	1.12E+08	1.12E+08	+	2768	351.6659	0	-0.55644	0.141337	-3.93695	0.000154	0.001691	1
ENSG0000 response	Inflamed	DNAJC1	protein_cc	chr10	22045466	22292698	-	2501	1181.649	0	-0.39934	0.101437	-3.93683	0.000154	0.001691	1
ENSG0000 response	Inflamed	CCL1	protein_cc	chr17	32687347	32690250	-	592	2.114558	0.613365	-0.61316	0.15577	-3.93633	0.000154	0.001693	1
ENSG0000 response	Inflamed	KCNK5	protein_cc	chr6	39156749	39197226	-	3756	2931.826	0	0.756658	0.192253	3.935742	0.000154	0.001696	1
ENSG0000 response	Inflamed	KLHDC8B	protein_cc	chr3	49209044	49213917	+	2156	409.4057	0	-0.43746	0.111158	-3.9355	0.000154	0.001696	1
ENSG0000 response	Inflamed	IGHV3OR1	IG_V_gene	chr16	33629681	33630128	+	353	23.45585	0.057279	-0.93441	0.237433	-3.93548	0.000154	0.001696	1

ENSG0000	response	Inflamed	C4orf19	protein_cc chr4	37455563	37625117	+	2770	1395.339	0.002387	0.803093	0.20411	3.934608	0.000155	0.001701	1
ENSG0000	response	Inflamed	RASGRP3	protein_cc chr2	33661391	33789817	+	11118	547.7995	0	-0.81146	0.206247	-3.93439	0.000155	0.001701	1
ENSG0000	response	Inflamed	SPATS2	protein_cc chr12	49760367	49921205	+	6838	934.179	0	-0.55215	0.140343	-3.93432	0.000155	0.001701	1
ENSG0000	response	Inflamed	RP11-798k	pseudoger chr5	1.79E+08	1.79E+08	-	290	19.35322	0.01432	-0.59271	0.150686	-3.93339	0.000156	0.001706	1
ENSG0000	response	Inflamed	CREG2	protein_cc chr2	1.02E+08	1.02E+08	-	7150	10.71838	0.157518	-1.02016	0.259373	-3.93317	0.000156	0.001707	1
ENSG0000	response	Inflamed	AC109333	antisense chr17	4922509	4923388	-	583	12.53461	0.071599	-0.68975	0.17541	-3.93221	0.000156	0.001712	1
ENSG0000	response	Inflamed	LINC00937	lincRNA chr12	8448582	8549399	-	5663	34.71599	0.040573	-1.01163	0.257305	-3.93162	0.000157	0.001715	1
ENSG0000	response	Inflamed	RLTPR	protein_cc chr16	67678822	67691472	+	7699	665.9308	0	-0.85074	0.216541	-3.92876	0.000158	0.001732	1
ENSG0000	response	Inflamed	UNC119	protein_cc chr17	26873725	26879686	-	5128	1181.8	0	-0.33521	0.085331	-3.92839	0.000158	0.001733	1
ENSG0000	response	Inflamed	KIR2DL3	protein_cc chr19	55249980	55295776	+	2484	2.424821	0.51074	-0.53477	0.136138	-3.92818	0.000158	0.001733	1
ENSG0000	response	Inflamed	LINC01071	lincRNA chr13	44974386	44980120	-	1334	32.68974	0.02148	0.690366	0.175748	3.928165	0.000158	0.001733	1
ENSG0000	response	Inflamed	KSR2	protein_cc chr12	1.18E+08	1.18E+08	-	18298	198.9117	0.002387	0.97648	0.248601	3.927895	0.000159	0.001734	1
ENSG0000	response	Inflamed	SLC4A9	protein_cc chr5	1.4E+08	1.4E+08	+	3635	10.73747	0.138425	0.737788	0.187871	3.92709	0.000159	0.001738	1
ENSG0000	response	Inflamed	DDC	protein_cc chr7	50526134	50633154	-	3119	1493.537	0.004773	0.986887	0.251302	3.927087	0.000159	0.001738	1
ENSG0000	response	Inflamed	AC011893	antisense chr2	1.37E+08	1.37E+08	+	1862	1.460621	0.682578	-0.45016	0.114653	-3.92628	0.00016	0.001742	1
ENSG0000	response	Inflamed	CCL2	protein_cc chr17	32582304	32584222	+	1137	1229.821	0	-0.93968	0.239344	-3.92605	0.00016	0.001743	1
ENSG0000	response	Inflamed	PREB	protein_cc chr2	27353624	27357543	-	3221	3084.733	0	-0.29582	0.075352	-3.92584	0.00016	0.001743	1
ENSG0000	response	Inflamed	C3orf80	protein_cc chr3	1.6E+08	1.6E+08	+	2577	49.94749	0.011933	-0.92682	0.236111	-3.92537	0.00016	0.001746	1
ENSG0000	response	Inflamed	IL21	protein_cc chr4	1.24E+08	1.24E+08	-	629	4.300716	0.4821	-0.77803	0.198217	-3.92516	0.00016	0.001746	1
ENSG0000	response	Inflamed	ERVW-1	protein_cc chr7	92097694	92107300	-	6130	1.637232	0.75179	0.700068	0.178392	3.924323	0.000161	0.001751	1
ENSG0000	response	Inflamed	DGKQ	protein_cc chr4	952675	980683	-	4970	3332.334	0	0.45574	0.116177	3.922818	0.000162	0.00176	1
ENSG0000	response	Inflamed	ARMCX2	protein_cc chrX	1.01E+08	1.01E+08	-	3589	451.7327	0	-0.5723	0.145956	-3.92102	0.000163	0.00177	1
ENSG0000	response	Inflamed	FAM89B	protein_cc chr11	65339820	65341669	+	1458	478.0358	0	-0.41015	0.104609	-3.92075	0.000163	0.001771	1
ENSG0000	response	Inflamed	RP11-120k	lincRNA chr13	1.14E+08	1.14E+08	-	1297	32.32458	0.02864	0.807534	0.205994	3.920177	0.000163	0.001773	1
ENSG0000	response	Inflamed	TMEM121	protein_cc chr14	1.06E+08	1.06E+08	+	1904	41.95943	0.002387	-0.73113	0.186505	-3.92018	0.000163	0.001773	1
ENSG0000	response	Inflamed	KRT5	protein_cc chr12	52908359	52914471	-	4292	344.0644	0.116945	-1.3022	0.33223	-3.91957	0.000163	0.001776	1
ENSG0000	response	Inflamed	BOC	protein_cc chr3	1.13E+08	1.13E+08	+	10327	723.5394	0	-0.72833	0.185828	-3.91936	0.000164	0.001777	1
ENSG0000	response	Inflamed	AMZ1	protein_cc chr7	2719156	2815134	+	7011	17.90215	0.081146	-1.0114	0.258059	-3.91926	0.000164	0.001777	1
ENSG0000	response	Inflamed	ATF4P3	pseudoger chr17	74221832	74222887	-	1056	21.53461	0	-0.43835	0.111872	-3.91829	0.000164	0.001782	1
ENSG0000	response	Inflamed	TMEM236	protein_cc chr10	18041218	18089855	+	5465	261.3126	0.009547	1.301366	0.332195	3.917469	0.000165	0.001787	1
ENSG0000	response	Inflamed	TMEM108	protein_cc chr3	1.33E+08	1.33E+08	+	8425	69.71122	0.009547	-0.8748	0.223332	-3.91703	0.000165	0.001789	1
ENSG0000	response	Inflamed	RP11-542E	lincRNA chr12	67913609	67960906	+	2284	7.575179	0.28401	0.773601	0.197507	3.91684	0.000165	0.00179	1
ENSG0000	response	Inflamed	LIX1L	protein_cc chr1	1.45E+08	1.46E+08	+	3979	926.5967	0	-0.53097	0.135568	-3.91665	0.000165	0.00179	1
ENSG0000	response	Inflamed	TMC4	protein_cc chr19	54663846	54676944	-	4421	6269.754	0	0.680818	0.173864	3.915808	0.000166	0.001795	1
ENSG0000	response	Inflamed	RP11-566k	antisense chr16	89986235	89989070	-	985	2.393795	0.441527	-0.55669	0.142178	-3.91546	0.000166	0.001796	1
ENSG0000	response	Inflamed	PDE6B	protein_cc chr4	619373	664571	+	5086	57.83532	0	-0.59327	0.151554	-3.91455	0.000166	0.001801	1
ENSG0000	response	Inflamed	LBX2-AS1	antisense chr2	74729722	74731805	+	2084	443.9284	0	0.33102	0.084563	3.914474	0.000166	0.001801	1
ENSG0000	response	Inflamed	CTB-161K2	antisense chr7	91763918	91810039	+	2957	2.594272	0.346062	-0.43638	0.111485	-3.91427	0.000167	0.001802	1
ENSG0000	response	Inflamed	PPFIA3	protein_cc chr19	49622646	49654283	+	6451	630.1169	0	0.43704	0.111679	3.913344	0.000167	0.001807	1
ENSG0000	response	Inflamed	SHC1	protein_cc chr1	1.55E+08	1.55E+08	-	4342	6822.017	0	-0.31242	0.07985	-3.91257	0.000168	0.001811	1

ENSG0000 response	Inflamed	PHF19	protein_cc chr9	1.24E+08	1.24E+08	-	6547	1321.506	0	-0.38318	0.097941	-3.9124	0.000168	0.001812	1
ENSG0000 response	Inflamed	DRAM1	protein_cc chr12	1.02E+08	1.02E+08	+	4061	1084.709	0	-0.70516	0.180285	-3.91138	0.000168	0.001817	1
ENSG0000 response	Inflamed	RP11-881M	antisense chr11	60674261	60677214	+	810	9.069212	0.047733	-0.65751	0.168112	-3.91112	0.000168	0.001818	1
ENSG0000 response	Inflamed	AC106869	lincRNA chr2	47452933	47466364	+	677	11.74224	0.181384	0.834196	0.213341	3.91016	0.000169	0.001824	1
ENSG0000 response	Inflamed	SLC9A2	protein_cc chr2	1.03E+08	1.03E+08	+	5984	2460.513	0.004773	1.176397	0.300882	3.909831	0.000169	0.001825	1
ENSG0000 response	Inflamed	ARHGAP25	protein_cc chr17	36584662	36668628	+	8014	1278.532	0	-0.87868	0.224753	-3.90955	0.000169	0.001826	1
ENSG0000 response	Inflamed	NOVA2	protein_cc chr19	46436992	46476804	-	8684	197.58	0.01432	-0.84282	0.215583	-3.90951	0.000169	0.001826	1
ENSG0000 response	Inflamed	XYLB	protein_cc chr3	38388251	38462839	+	5343	369.7542	0	0.409335	0.104713	3.909094	0.00017	0.001828	1
ENSG0000 response	Inflamed	LPXN	protein_cc chr11	58294344	58345693	-	2467	909.179	0	-0.48997	0.12535	-3.90883	0.00017	0.001829	1
ENSG0000 response	Inflamed	HECW2	protein_cc chr2	1.97E+08	1.97E+08	-	12692	186.5274	0.011933	-0.92745	0.237296	-3.90842	0.00017	0.001831	1
ENSG0000 response	Inflamed	LRR31	protein_cc chr3	1.7E+08	1.7E+08	-	3113	656.4439	0.009547	1.040746	0.266299	3.908191	0.00017	0.001832	1
ENSG0000 response	Inflamed	GJB6	protein_cc chr13	20796110	20806534	-	2244	3.575179	0.431981	-0.75172	0.192362	-3.90786	0.00017	0.001832	1
ENSG0000 response	Inflamed	RP11-568M	lincRNA chr2	64749321	64751227	-	1907	59.10024	0.009547	-0.6048	0.154765	-3.90782	0.00017	0.001832	1
ENSG0000 response	Inflamed	LG12	protein_cc chr4	25000469	25032501	-	6428	243.4081	0.004773	-1.07296	0.27458	-3.90764	0.000171	0.001833	1
ENSG0000 response	Inflamed	GPD1L	protein_cc chr3	32147181	32210205	+	4802	2890.601	0	0.731169	0.187146	3.906944	0.000171	0.001837	1
ENSG0000 response	Inflamed	ABCB1	protein_cc chr7	87133175	87342611	-	5552	1687.248	0	1.093085	0.279808	3.906553	0.000171	0.001839	1
ENSG0000 response	Inflamed	SCNN1B	protein_cc chr16	23289552	23392620	+	3918	3194.384	0	1.194447	0.305836	3.905513	0.000172	0.001843	1
ENSG0000 response	Inflamed	PCAT6	antisense chr1	2.03E+08	2.03E+08	+	890	42.50597	0.002387	-0.39821	0.101964	-3.90543	0.000172	0.001843	1
ENSG0000 response	Inflamed	TLDC2	protein_cc chr20	35504524	35522638	+	2553	678.2554	0	0.734127	0.187976	3.905428	0.000172	0.001843	1
ENSG0000 response	Inflamed	FAM219A	protein_cc chr9	34398182	34458568	-	3782	850.1862	0	-0.45682	0.116972	-3.9054	0.000172	0.001843	1
ENSG0000 response	Inflamed	CLEC1A	protein_cc chr12	10222153	10264226	-	3169	93.96181	0.004773	-0.75926	0.194491	-3.90384	0.000173	0.001852	1
ENSG0000 response	Inflamed	LRR31	protein_cc chr17	45908993	45915079	+	2820	22.10263	0.00716	-0.42323	0.108415	-3.90378	0.000173	0.001852	1
ENSG0000 response	Inflamed	ELL2P1	pseudoger chr1	1.58E+08	1.58E+08	-	1906	10.9284	0.066826	-0.63201	0.161901	-3.90367	0.000173	0.001852	1
ENSG0000 response	Inflamed	RP11-20G	lincRNA chr15	99967214	99971233	-	395	6.186158	0.188544	0.633035	0.162167	3.903589	0.000173	0.001852	1
ENSG0000 response	Inflamed	AC093616	pseudoger chr2	88000503	88038766	+	2328	21.93795	0.019093	-0.74308	0.190371	-3.90331	0.000173	0.001853	1
ENSG0000 response	Inflamed	GALNT15	protein_cc chr3	16216156	16273499	+	5676	216.7589	0.00716	-1.28103	0.328195	-3.90324	0.000173	0.001853	1
ENSG0000 response	Inflamed	RP11-680F	antisense chr15	29967194	29973161	+	2736	108.3699	0	0.772269	0.197861	3.903096	0.000173	0.001853	1
ENSG0000 response	Inflamed	CYCS	protein_cc chr7	25159710	25164980	-	4457	6574.258	0	0.544492	0.139507	3.902983	0.000173	0.001853	1
ENSG0000 response	Inflamed	CNTNAP2	protein_cc chr7	1.46E+08	1.48E+08	+	10308	202.5704	0	0.790719	0.202614	3.902585	0.000174	0.001855	1
ENSG0000 response	Inflamed	EGFR-AS1	antisense chr7	55247443	55256627	-	2806	5.589499	0.50358	0.591861	0.151665	3.902418	0.000174	0.001855	1
ENSG0000 response	Inflamed	PPP1R1B	protein_cc chr17	37782993	37792879	+	4554	10267.13	0	0.872074	0.223513	3.901666	0.000174	0.00186	1
ENSG0000 response	Inflamed	AC002480	antisense chr7	22629324	22631241	+	557	1.031026	0.718377	-0.41877	0.107353	-3.90084	0.000175	0.001864	1
ENSG0000 response	Inflamed	XPNPEP2	protein_cc chrX	1.29E+08	1.29E+08	+	3500	1087.396	0	1.276839	0.327382	3.900148	0.000175	0.001868	1
ENSG0000 response	Inflamed	TRAV24	TR_V_gene chr14	22573620	22574123	+	343	4.150358	0.28401	-0.59735	0.153166	-3.90001	0.000175	0.001868	1
ENSG0000 response	Inflamed	AD000684	sense_intr chr19	35753749	35755707	+	1016	30.82578	0.040573	0.73879	0.189463	3.899396	0.000176	0.001872	1
ENSG0000 response	Inflamed	CNRIP1	protein_cc chr2	68511303	68547183	-	3548	375.401	0	-0.55173	0.141512	-3.89883	0.000176	0.001875	1
ENSG0000 response	Inflamed	IGHV4-55	IG_V_pseu chr14	1.07E+08	1.07E+08	-	368	85.10263	0.01432	-1.05021	0.269373	-3.89873	0.000176	0.001875	1
ENSG0000 response	Inflamed	RP11-229F	lincRNA chr9	1.4E+08	1.4E+08	+	697	14.99284	0.097852	-0.87495	0.224438	-3.8984	0.000176	0.001876	1
ENSG0000 response	Inflamed	CNTNAP1	protein_cc chr17	40834631	40851832	+	6045	616.79	0.004773	-0.80597	0.206845	-3.8965	0.000178	0.001888	1
ENSG0000 response	Inflamed	PLEKHD1	protein_cc chr14	69951409	69995215	+	5044	3.140811	0.369928	-0.60842	0.156162	-3.89606	0.000178	0.00189	1

ENSG0000 response	Inflamed	BAG2	protein_cc chr6	57037124	57054631	+	6870	193.1838	0	-0.67648	0.173638	-3.89593	0.000178	0.00189	1
ENSG0000 response	Inflamed	ILDR1	protein_cc chr3	1.22E+08	1.22E+08	-	2953	758.9021	0	0.695753	0.1786	3.895603	0.000178	0.001891	1
ENSG0000 response	Inflamed	RHOV	protein_cc chr15	41164412	41166487	-	1705	155.7351	0.002387	0.717123	0.184085	3.895602	0.000178	0.001891	1
ENSG0000 response	Inflamed	CCNA1	protein_cc chr13	37005967	37017019	+	2302	3.288783	0.431981	-0.65069	0.167072	-3.89468	0.000179	0.001897	1
ENSG0000 response	Inflamed	HEXIM2	protein_cc chr17	43238067	43247407	+	2038	158.6969	0	-0.38916	0.099925	-3.89449	0.000179	0.001897	1
ENSG0000 response	Inflamed	CTD-2587f	lincRNA chr19	54862991	54864894	-	1904	59.75418	0.004773	-0.66795	0.171514	-3.89441	0.000179	0.001897	1
ENSG0000 response	Inflamed	PCDH12	protein_cc chr5	1.41E+08	1.41E+08	-	6818	463.6874	0	-0.70591	0.181269	-3.89426	0.000179	0.001897	1
ENSG0000 response	Inflamed	CDCP2	protein_cc chr1	54598747	54619443	-	3123	2.942721	0.367542	-0.60612	0.155668	-3.89365	0.000179	0.001901	1
ENSG0000 response	Inflamed	IQCA1	protein_cc chr2	2.37E+08	2.37E+08	-	5970	21.30788	0.042959	-0.80083	0.20569	-3.89337	0.00018	0.001902	1
ENSG0000 response	Inflamed	IGFLR1	protein_cc chr19	36230058	36233354	-	1847	66.21957	0.002387	-0.59353	0.152505	-3.89186	0.000181	0.001911	1
ENSG0000 response	Inflamed	VSTM1	protein_cc chr19	54544079	54567207	-	1238	27.05728	0.052506	-0.99648	0.256085	-3.8912	0.000181	0.001915	1
ENSG0000 response	Inflamed	EXOC3L2	protein_cc chr19	45715879	45737469	-	1725	269.5084	0.002387	-0.77641	0.199535	-3.89112	0.000181	0.001915	1
ENSG0000 response	Inflamed	HSBP1L1	protein_cc chr18	77724561	77730822	+	2056	898.315	0	0.500834	0.128722	3.89083	0.000181	0.001916	1
ENSG0000 response	Inflamed	TUBA1A	protein_cc chr12	49578579	49583107	-	3421	2422.561	0	-0.63566	0.163389	-3.89046	0.000181	0.001918	1
ENSG0000 response	Inflamed	RP11-649C	antisense chr8	1.08E+08	1.08E+08	-	504	6.408115	0.202864	0.669392	0.172082	3.889949	0.000182	0.00192	1
ENSG0000 response	Inflamed	FAM129A	protein_cc chr1	1.85E+08	1.85E+08	-	8372	1679.088	0	-0.87922	0.226046	-3.88955	0.000182	0.001921	1
ENSG0000 response	Inflamed	ANKRD55	protein_cc chr5	55395507	55529186	-	2977	16.73508	0.042959	-0.83383	0.214385	-3.88942	0.000182	0.001921	1
ENSG0000 response	Inflamed	SLC25A21	protein_cc chr14	37641093	37643016	+	1924	28.06205	0.009547	0.567319	0.145866	3.889311	0.000182	0.001921	1
ENSG0000 response	Inflamed	SGK2	protein_cc chr20	42187608	42216877	+	3465	2140.788	0	1.009945	0.259673	3.889298	0.000182	0.001921	1
ENSG0000 response	Inflamed	RP11-21C4	antisense chr8	65486863	65494445	-	2875	13.85919	0.128878	-0.93181	0.239584	-3.88929	0.000182	0.001921	1
ENSG0000 response	Inflamed	RP11-65J2	lincRNA chr16	14396145	14420210	+	741	7.214797	0.102625	-0.62655	0.161103	-3.88913	0.000182	0.001921	1
ENSG0000 response	Inflamed	SULT2A1	protein_cc chr19	48373723	48389654	-	1987	22.43437	0.809069	0.941391	0.242078	3.88879	0.000182	0.001923	1
ENSG0000 response	Inflamed	RP11-108L	lincRNA chr10	1.03E+08	1.03E+08	-	977	43.09785	0	0.637809	0.164016	3.88869	0.000183	0.001923	1
ENSG0000 response	Inflamed	ODF3B	protein_cc chr22	50968139	50971009	-	2301	721.4391	0	-0.68143	0.17525	-3.88832	0.000183	0.001923	1
ENSG0000 response	Inflamed	ADCY6	protein_cc chr12	49159975	49182820	-	8412	7082.296	0	0.568323	0.146167	3.888183	0.000183	0.001923	1
ENSG0000 response	Inflamed	IGKV3D-7	IG_V_gene chr2	90273679	90274235	+	382	18.58473	0.069212	-0.99272	0.255318	-3.88817	0.000183	0.001923	1
ENSG0000 response	Inflamed	NKX3-1	protein_cc chr8	23536206	23540440	-	3271	71.29594	0.009547	-0.73448	0.188906	-3.88806	0.000183	0.001923	1
ENSG0000 response	Inflamed	CDK18	protein_cc chr1	2.05E+08	2.06E+08	+	7580	1351.103	0	0.464499	0.119469	3.888041	0.000183	0.001923	1
ENSG0000 response	Inflamed	RUSC1	protein_cc chr1	1.55E+08	1.55E+08	+	5427	2860.601	0	0.286484	0.073685	3.887966	0.000183	0.001923	1
ENSG0000 response	Inflamed	FGD5	protein_cc chr3	14860469	14975895	+	7869	1235.461	0	-0.74272	0.191056	-3.88746	0.000183	0.001926	1
ENSG0000 response	Inflamed	SERPINA6	protein_cc chr14	94770585	94789731	-	1852	65.39857	0.023866	1.024343	0.263593	3.88608	0.000184	0.001935	1
ENSG0000 response	Inflamed	IGHV1-58	IG_V_gene chr14	1.07E+08	1.07E+08	-	412	636.3198	0.004773	-1.4065	0.362057	-3.88475	0.000185	0.001943	1
ENSG0000 response	Inflamed	GAL	protein_cc chr11	68451247	68458643	+	1300	51.22673	0.038186	-1.0959	0.282119	-3.88452	0.000185	0.001944	1
ENSG0000 response	Inflamed	RP3-325F2	antisense chr6	1.37E+08	1.37E+08	+	1894	73.60143	0.002387	0.660639	0.170091	3.88403	0.000186	0.001947	1
ENSG0000 response	Inflamed	LAIR2	protein_cc chr19	55009100	55021897	+	1078	19.56563	0.083532	-0.9633	0.24803	-3.88381	0.000186	0.001947	1
ENSG0000 response	Inflamed	TGFB3	protein_cc chr14	76424442	76449334	-	4914	514.864	0	-0.90837	0.233925	-3.88318	0.000186	0.001951	1
ENSG0000 response	Inflamed	AJUBA	protein_cc chr14	23440383	23451851	-	5979	249.6897	0	-0.64831	0.166967	-3.88289	0.000186	0.001952	1
ENSG0000 response	Inflamed	CRTAC1	protein_cc chr10	99624757	99790585	-	3531	68.57757	0.023866	-1.20442	0.310284	-3.88167	0.000187	0.00196	1
ENSG0000 response	Inflamed	FILIP1L	protein_cc chr3	99548985	99833357	-	5897	1159.112	0	-0.76059	0.195957	-3.88142	0.000187	0.001961	1
ENSG0000 response	Inflamed	IGLV6-57	IG_V_gene chr22	22550113	22550860	+	623	4690.31	0	-1.31822	0.339636	-3.88128	0.000187	0.001961	1

ENSG0000 response	Inflamed	SYVN1	protein_cc chr11	64889252	64902004	-	5496	6039.236	0	-0.45431	0.117056	-3.8811	0.000188	0.001962	1
ENSG0000 response	Inflamed	NXPE4	protein_cc chr11	1.14E+08	1.14E+08	-	2163	2900.757	0	1.45091	0.373935	3.880116	0.000188	0.001968	1
ENSG0000 response	Inflamed	BHMT2	protein_cc chr5	78365540	78385289	+	3182	60.83055	0.02148	-0.79297	0.204382	-3.87985	0.000188	0.001968	1
ENSG0000 response	Inflamed	AC016831	lincRNA chr7	1.31E+08	1.31E+08	+	1616	50.53938	0	0.770659	0.198636	3.879756	0.000188	0.001968	1
ENSG0000 response	Inflamed	IGHV4-39	IG_V_gene chr14	1.07E+08	1.07E+08	-	425	16459.82	0	-1.2365	0.318708	-3.87973	0.000188	0.001968	1
ENSG0000 response	Inflamed	FAHD1	protein_cc chr16	1876968	1890208	+	3006	938.148	0	0.362123	0.09335	3.879187	0.000189	0.00197	1
ENSG0000 response	Inflamed	MAGED2	protein_cc chrX	54834032	54842445	+	2914	3286.458	0	-0.32816	0.084595	-3.87918	0.000189	0.00197	1
ENSG0000 response	Inflamed	C2	protein_cc chr6	31865562	31913449	+	5536	1619.229	0	-0.54957	0.141701	-3.87838	0.000189	0.001975	1
ENSG0000 response	Inflamed	SFMBT2	protein_cc chr10	7200586	7453450	-	9955	945.611	0	-0.69378	0.178934	-3.87728	0.00019	0.001982	1
ENSG0000 response	Inflamed	C7orf61	protein_cc chr7	1E+08	1E+08	-	1191	7.582339	0.073986	-0.57139	0.147386	-3.87684	0.00019	0.001984	1
ENSG0000 response	Inflamed	CHST5	protein_cc chr16	75562433	75569145	-	3322	605.3103	0	0.971748	0.250686	3.876363	0.000191	0.001987	1
ENSG0000 response	Inflamed	TBC1D9	protein_cc chr4	1.42E+08	1.42E+08	-	5603	1408.021	0	-0.66978	0.172799	-3.87608	0.000191	0.001988	1
ENSG0000 response	Inflamed	FNDC1	protein_cc chr6	1.6E+08	1.6E+08	+	6854	676.2792	0.004773	-1.14902	0.29654	-3.87475	0.000192	0.001997	1
ENSG0000 response	Inflamed	RP11-366L	protein_cc chr12	66245120	66275947	-	6033	1.899761	0.706444	-0.707	0.182538	-3.87315	0.000193	0.002008	1
ENSG0000 response	Inflamed	MEIS3	protein_cc chr19	47906381	47922780	-	5122	287.1002	0	-0.60576	0.156439	-3.87219	0.000194	0.002013	1
ENSG0000 response	Inflamed	RP11-807f	pseudoger chr11	71869866	71870905	+	741	20.75418	0.396181	0.906672	0.234151	3.872169	0.000194	0.002013	1
ENSG0000 response	Inflamed	RP11-492E	antisense chr9	1.32E+08	1.32E+08	+	2449	18.94749	0.01432	-0.72627	0.187597	-3.87146	0.000194	0.002017	1
ENSG0000 response	Inflamed	IRF6	protein_cc chr1	2.1E+08	2.1E+08	-	4792	4016.432	0	0.805176	0.208001	3.871014	0.000194	0.00202	1
ENSG0000 response	Inflamed	RP3-428L1	antisense chr6	1.61E+08	1.61E+08	-	2025	39.55609	0.004773	-0.963	0.248845	-3.8699	0.000195	0.002027	1
ENSG0000 response	Inflamed	RP13-726E	processed_chr11	3502750	3602441	-	1377	16.30549	0.040573	0.753538	0.194792	3.868415	0.000196	0.002037	1
ENSG0000 response	Inflamed	STC1	protein_cc chr8	23699428	23712320	-	4149	723.8377	0.004773	-1.61559	0.417653	-3.86825	0.000196	0.002037	1
ENSG0000 response	Inflamed	LINC00941	lincRNA chr12	30947977	30955645	+	2856	13.74463	0.231504	-1.08545	0.280625	-3.86796	0.000197	0.002039	1
ENSG0000 response	Inflamed	FXYD3	protein_cc chr19	35606732	35615228	+	3385	17661.71	0	1.004151	0.259667	3.867072	0.000197	0.002043	1
ENSG0000 response	Inflamed	PAK4	protein_cc chr19	39616410	39673456	+	7118	3405.263	0	0.462209	0.119527	3.866993	0.000197	0.002043	1
ENSG0000 response	Inflamed	IGHV3-43	IG_V_gene chr14	1.07E+08	1.07E+08	-	434	2176.747	0	-1.36147	0.35208	-3.86694	0.000197	0.002043	1
ENSG0000 response	Inflamed	IFITM1	protein_cc chr11	313506	315272	+	1080	3878.456	0	-0.61858	0.15997	-3.86689	0.000197	0.002043	1
ENSG0000 response	Inflamed	CACNA1E	protein_cc chr1	1.81E+08	1.82E+08	+	17878	53.59427	0.033413	-1.08101	0.279593	-3.86638	0.000198	0.002046	1
ENSG0000 response	Inflamed	TACC3	protein_cc chr4	1723227	1746898	+	4682	1551.871	0	-0.44022	0.11387	-3.86597	0.000198	0.002048	1
ENSG0000 response	Inflamed	PACS1	protein_cc chr11	65837834	66012218	+	9037	2879.358	0	-0.63536	0.164359	-3.86566	0.000198	0.00205	1
ENSG0000 response	Inflamed	RP11-426C	lincRNA chr16	29228491	29231352	-	2099	12.58711	0.279236	-1.14651	0.296656	-3.86478	0.000199	0.002055	1
ENSG0000 response	Inflamed	MAP7D1	protein_cc chr1	36621180	36646450	+	5271	3890.9	0	-0.44647	0.115526	-3.86466	0.000199	0.002055	1
ENSG0000 response	Inflamed	TEX41	lincRNA chr2	1.45E+08	1.46E+08	+	10623	3.813842	0.410501	-0.723	0.187084	-3.86458	0.000199	0.002055	1
ENSG0000 response	Inflamed	RP5-1139E	antisense chr1	2.28E+08	2.28E+08	-	1483	14.03819	0.045346	-0.71253	0.184394	-3.86418	0.000199	0.002057	1
ENSG0000 response	Inflamed	RP11-35P1	lincRNA chr11	1.18E+08	1.18E+08	+	376	21.21241	0.047733	0.89085	0.230544	3.86412	0.000199	0.002057	1
ENSG0000 response	Inflamed	GIMAP1	protein_cc chr7	1.5E+08	1.5E+08	+	4846	548.389	0	-0.50808	0.131506	-3.86355	0.0002	0.00206	1
ENSG0000 response	Inflamed	ARHGEF15	protein_cc chr17	8213559	8225829	+	5291	503.9785	0	-0.7812	0.202211	-3.86328	0.0002	0.002061	1
ENSG0000 response	Inflamed	RP11-209E	lincRNA chr15	53408562	53421895	+	601	15.31981	0.360382	1.024325	0.265226	3.862089	0.000201	0.002069	1
ENSG0000 response	Inflamed	AC011899	antisense chr7	1.58E+08	1.58E+08	+	4662	152.2172	0.002387	-0.51244	0.132687	-3.862	0.000201	0.002069	1
ENSG0000 response	Inflamed	SGSM1	protein_cc chr22	25202236	25323545	+	8507	176.7041	0.002387	0.70421	0.182395	3.860906	0.000202	0.002076	1
ENSG0000 response	Inflamed	CYC1	protein_cc chr8	1.45E+08	1.45E+08	+	1975	5648.033	0	0.346488	0.089769	3.859759	0.000202	0.002084	1

ENSG0000 response	Inflamed	SERINC5	protein_cc chr5	79407050	79551898	-	5107	1225.523	0	0.57564	0.149151	3.859433	0.000203	0.002085	1
ENSG0000 response	Inflamed	ANGPTL6	protein_cc chr19	10203014	10213472	-	2181	62.85919	0	-0.62794	0.162705	-3.85936	0.000203	0.002085	1
ENSG0000 response	Inflamed	ETV3L	protein_cc chr1	1.57E+08	1.57E+08	-	1976	3.883055	0.560859	-0.85738	0.222186	-3.85884	0.000203	0.002088	1
ENSG0000 response	Inflamed	RDH8	protein_cc chr19	10123925	10132955	+	2001	3.553699	0.568019	-0.88618	0.229654	-3.85876	0.000203	0.002088	1
ENSG0000 response	Inflamed	DGCR5	antisense chr22	18958027	19018755	+	8670	4.064439	0.379475	-0.69471	0.180081	-3.85776	0.000204	0.002095	1
ENSG0000 response	Inflamed	LINC0105C	lincRNA chr13	43384502	43386698	-	760	3.155131	0.622912	-0.92297	0.23928	-3.85727	0.000204	0.002098	1
ENSG0000 response	Inflamed	IGLV2-8	IG_V_gene chr22	23165153	23165787	+	520	22428.69	0	-1.12894	0.292698	-3.85701	0.000204	0.002098	1
ENSG0000 response	Inflamed	CBX6	protein_cc chr22	39257455	39268319	-	8030	3030.683	0	-0.58189	0.150872	-3.85686	0.000204	0.002098	1
ENSG0000 response	Inflamed	EPN2-AS1	antisense chr17	19199909	19209574	-	1190	1.198091	0.72315	-0.47467	0.123073	-3.85685	0.000204	0.002098	1
ENSG0000 response	Inflamed	MPND	protein_cc chr19	4343524	4360083	+	2049	1664.876	0	0.380526	0.098665	3.856739	0.000205	0.002098	1
ENSG0000 response	Inflamed	KB-1247B1	pseudoger chr8	95214141	95215280	-	833	22.36038	0.038186	0.818597	0.212268	3.856438	0.000205	0.0021	1
ENSG0000 response	Inflamed	PRDM8	protein_cc chr4	81105033	81125483	+	4588	235.4153	0	-0.78381	0.203312	-3.85521	0.000206	0.002108	1
ENSG0000 response	Inflamed	FGF9	protein_cc chr13	22245522	22278637	+	4539	62.41766	0.019093	0.989934	0.256804	3.854825	0.000206	0.00211	1
ENSG0000 response	Inflamed	OR2S1P	pseudoger chr9	36013181	36014130	+	950	15.86396	0.100239	0.765021	0.198464	3.854704	0.000206	0.00211	1
ENSG0000 response	Inflamed	HSPA12B	protein_cc chr20	3713314	3733758	+	3173	369.8592	0	-0.77865	0.202016	-3.85437	0.000206	0.002112	1
ENSG0000 response	Inflamed	HMGCL	protein_cc chr1	24128375	24165110	-	5658	1867.959	0	0.358619	0.093081	3.852778	0.000207	0.002123	1
ENSG0000 response	Inflamed	RASSF1	protein_cc chr3	50367219	50378411	-	3677	1347.721	0	-0.32807	0.08518	-3.85146	0.000208	0.002132	1
ENSG0000 response	Inflamed	MAFG-AS1	antisense chr17	79885705	79888629	+	1895	58.34368	0.002387	-0.51041	0.132541	-3.85095	0.000209	0.002135	1
ENSG0000 response	Inflamed	MDFIC	protein_cc chr7	1.15E+08	1.15E+08	+	5252	704.21	0	-0.75062	0.194936	-3.85062	0.000209	0.002137	1
ENSG0000 response	Inflamed	IGHV1-2	IG_V_gene chr14	1.06E+08	1.06E+08	-	415	10960.87	0	-1.21912	0.316612	-3.85052	0.000209	0.002137	1
ENSG0000 response	Inflamed	PLA2G2D	protein_cc chr1	20438432	20446050	-	2672	709.8329	0.002387	-1.29745	0.33696	-3.85045	0.000209	0.002137	1
ENSG0000 response	Inflamed	HLA-E	protein_cc chr6	30457244	30461982	+	2975	42464.64	0	-0.2629	0.068293	-3.84957	0.00021	0.002142	1
ENSG0000 response	Inflamed	CYP4F2	protein_cc chr19	15988833	16008930	-	2998	252.3389	0.023866	1.352482	0.351357	3.849313	0.00021	0.002143	1
ENSG0000 response	Inflamed	PMEPA1	protein_cc chr20	56223448	56286592	-	5619	3656.029	0	-0.47099	0.122372	-3.84887	0.00021	0.002146	1
ENSG0000 response	Inflamed	GALM	protein_cc chr2	38893052	38968379	+	2790	1985.055	0	0.415329	0.107922	3.848407	0.000211	0.002149	1
ENSG0000 response	Inflamed	GBP5	protein_cc chr1	89724633	89738544	-	8200	1300.945	0	-1.16266	0.302122	-3.8483	0.000211	0.002149	1
ENSG0000 response	Inflamed	DKK1	protein_cc chr10	54074056	54077802	+	2206	36.27924	0.059666	-1.31154	0.340862	-3.84771	0.000211	0.002152	1
ENSG0000 response	Inflamed	TFPI	protein_cc chr2	1.88E+08	1.88E+08	-	11714	580.8353	0	-0.7415	0.192717	-3.84759	0.000211	0.002152	1
ENSG0000 response	Inflamed	FAM215A	protein_cc chr17	41994576	41995326	+	751	1.477327	0.596659	-0.43086	0.111989	-3.84732	0.000212	0.002154	1
ENSG0000 response	Inflamed	RFX6	protein_cc chr6	1.17E+08	1.17E+08	+	4093	30.11933	0.054893	1.012151	0.263106	3.846925	0.000212	0.002155	1
ENSG0000 response	Inflamed	TPRG1-AS1	lincRNA chr3	1.89E+08	1.89E+08	-	697	1.400955	0.661098	-0.51504	0.133882	-3.84692	0.000212	0.002155	1
ENSG0000 response	Inflamed	PLEKHG3	protein_cc chr14	65170820	65213610	+	8555	3062.153	0	0.485547	0.126229	3.846553	0.000212	0.002157	1
ENSG0000 response	Inflamed	MIR194-2	lincRNA chr11	64658827	64660921	-	1852	337.1313	0.002387	0.880223	0.22884	3.846461	0.000212	0.002157	1
ENSG0000 response	Inflamed	ETV5	protein_cc chr3	1.86E+08	1.86E+08	-	5802	476.5561	0	-0.54661	0.142108	-3.8464	0.000212	0.002157	1
ENSG0000 response	Inflamed	RNU6-140	snRNA chr19	39287642	39287749	-	108	9.083532	0.190931	0.75464	0.196215	3.84598	0.000213	0.002159	1
ENSG0000 response	Inflamed	MFGE8	protein_cc chr15	89441916	89456642	-	4744	3711.134	0	-0.57965	0.150745	-3.84525	0.000213	0.002164	1
ENSG0000 response	Inflamed	AC013268	lincRNA chr2	1.11E+08	1.11E+08	+	3295	124.9499	0.004773	0.686802	0.178615	3.845145	0.000213	0.002164	1
ENSG0000 response	Inflamed	TIFA	protein_cc chr4	1.13E+08	1.13E+08	-	4250	450.1456	0	-0.62565	0.162722	-3.84487	0.000213	0.002165	1
ENSG0000 response	Inflamed	AC108142	antisense chr4	1.83E+08	1.83E+08	-	5551	6.221957	0.415274	-0.90959	0.236582	-3.84471	0.000213	0.002165	1
ENSG0000 response	Inflamed	JAKMIP1	protein_cc chr4	6027926	6202318	-	3673	45.48449	0.011933	-0.76397	0.198711	-3.84463	0.000214	0.002165	1

ENSG0000 response	Inflamed	RAB25	protein_cc chr1	1.56E+08	1.56E+08	+	1689	4214.251	0	0.750182	0.195129	3.844539	0.000214	0.002165	1
ENSG0000 response	Inflamed	CGB7	protein_cc chr19	49557531	49562117	-	3387	2.164678	0.527446	-0.50123	0.13038	-3.84441	0.000214	0.002165	1
ENSG0000 response	Inflamed	AP001063	lincRNA chr21	45767650	45768178	-	529	1.238663	0.711217	-0.50336	0.130943	-3.84414	0.000214	0.002166	1
ENSG0000 response	Inflamed	APBA1	protein_cc chr9	72042446	72287222	-	6534	491.3699	0.002387	0.612922	0.15947	3.843494	0.000214	0.00217	1
ENSG0000 response	Inflamed	DNAH8	protein_cc chr6	38683117	38998301	+	15051	13.93079	0.190931	-0.92094	0.239628	-3.84321	0.000215	0.002172	1
ENSG0000 response	Inflamed	CHKA	protein_cc chr11	67820326	67888911	-	3877	1539.971	0	0.496953	0.129333	3.842429	0.000215	0.002177	1
ENSG0000 response	Inflamed	IGKV2-29	IG_V_pseu chr2	89533655	89534393	-	372	560.7184	0.009547	-1.27754	0.332533	-3.84184	0.000216	0.002181	1
ENSG0000 response	Inflamed	AQP11	protein_cc chr11	77300436	77321400	+	2396	162.642	0	0.627106	0.163265	3.841031	0.000216	0.002186	1
ENSG0000 response	Inflamed	AC093495	antisense chr3	14186223	14189784	+	1069	4.291169	0.250597	-0.66016	0.171886	-3.84068	0.000217	0.002188	1
ENSG0000 response	Inflamed	CLDN7	protein_cc chr17	7163222	7167302	-	2492	18598.4	0	0.751918	0.195794	3.840343	0.000217	0.00219	1
ENSG0000 response	Inflamed	C4A	protein_cc chr6	31949801	31970458	+	7199	793.9403	0.00716	-1.16468	0.303295	-3.84009	0.000217	0.00219	1
ENSG0000 response	Inflamed	PALMD	protein_cc chr1	1E+08	1E+08	+	8244	182.9475	0.002387	-0.82004	0.213556	-3.83995	0.000217	0.00219	1
ENSG0000 response	Inflamed	ANKRD13	protein_cc chr11	67056018	67069956	+	6643	1405.272	0	-0.44838	0.116768	-3.83989	0.000217	0.00219	1
ENSG0000 response	Inflamed	SIGLEC12	protein_cc chr19	51994611	52005043	-	2201	287.0573	0	-0.68268	0.177788	-3.83984	0.000217	0.00219	1
ENSG0000 response	Inflamed	LDOC1	protein_cc chrX	1.4E+08	1.4E+08	-	1377	157.7518	0	-0.60935	0.158692	-3.8398	0.000217	0.00219	1
ENSG0000 response	Inflamed	GBA2	protein_cc chr9	35736863	35749983	-	5079	6340.193	0	0.349879	0.09113	3.839324	0.000218	0.002193	1
ENSG0000 response	Inflamed	PPAPDC1A	protein_cc chr10	1.22E+08	1.22E+08	+	2534	10.11456	0.176611	-0.89061	0.231985	-3.8391	0.000218	0.002194	1
ENSG0000 response	Inflamed	C2orf88	protein_cc chr2	1.91E+08	1.91E+08	+	5997	1764.74	0	0.849316	0.221242	3.838852	0.000218	0.002195	1
ENSG0000 response	Inflamed	DDN	protein_cc chr12	49388932	49393092	-	3749	12.15036	0.033413	-0.59406	0.154761	-3.83855	0.000218	0.002196	1
ENSG0000 response	Inflamed	TIE1	protein_cc chr1	43766664	43788779	+	6694	996.0358	0	-0.80201	0.208939	-3.83847	0.000218	0.002196	1
ENSG0000 response	Inflamed	STOM	protein_cc chr9	1.24E+08	1.24E+08	-	3188	5881.737	0	-0.63278	0.164879	-3.83786	0.000219	0.0022	1
ENSG0000 response	Inflamed	IFFO1	protein_cc chr12	6647541	6665239	-	5193	907.6014	0	-0.57134	0.148881	-3.83759	0.000219	0.002201	1
ENSG0000 response	Inflamed	ARHGAP4	protein_cc chrX	1.53E+08	1.53E+08	-	5580	2951.628	0	-0.50031	0.13039	-3.83699	0.000219	0.002205	1
ENSG0000 response	Inflamed	HP	protein_cc chr16	72088491	72094954	+	5405	12.72076	0.200477	-0.99192	0.258542	-3.83657	0.00022	0.002207	1
ENSG0000 response	Inflamed	DNAJC5B	protein_cc chr8	66933795	67012751	+	2927	26.39618	0.011933	-0.68622	0.178903	-3.83568	0.00022	0.002214	1
ENSG0000 response	Inflamed	NECB2	protein_cc chr16	84002237	84036381	+	2520	7.252983	0.238663	-0.86717	0.226099	-3.83534	0.000221	0.002215	1
ENSG0000 response	Inflamed	GPR146	protein_cc chr7	1084212	1098897	+	3160	188.6253	0	-0.48842	0.127352	-3.83522	0.000221	0.002215	1
ENSG0000 response	Inflamed	ACAT1	protein_cc chr11	1.08E+08	1.08E+08	+	5584	1571.432	0	0.493255	0.128616	3.835086	0.000221	0.002216	1
ENSG0000 response	Inflamed	RP4-794H	lincRNA chr1	59486059	59510286	+	747	9.188544	0.038186	-0.58632	0.152889	-3.83491	0.000221	0.002216	1
ENSG0000 response	Inflamed	AC093673	antisense chr7	1.43E+08	1.43E+08	-	648	86.76134	0	-0.51791	0.135072	-3.83435	0.000221	0.002219	1
ENSG0000 response	Inflamed	FAM195A	protein_cc chr16	691813	698474	+	2226	1572.444	0	0.474529	0.123759	3.834301	0.000222	0.002219	1
ENSG0000 response	Inflamed	FAM69B	protein_cc chr9	1.4E+08	1.4E+08	+	2704	121.4463	0	-0.72453	0.18896	-3.83428	0.000222	0.002219	1
ENSG0000 response	Inflamed	IGHV3-22	IG_V_pseu chr14	1.07E+08	1.07E+08	-	359	8.181384	0.159905	-0.79463	0.207277	-3.83364	0.000222	0.002223	1
ENSG0000 response	Inflamed	TRADD	protein_cc chr16	67188083	67194201	-	2567	1160.305	0	-0.27905	0.072796	-3.8333	0.000222	0.002224	1
ENSG0000 response	Inflamed	CKMT1B	protein_cc chr15	43885252	43897099	+	3939	1653.16	0.002387	0.792154	0.206651	3.833295	0.000222	0.002224	1
ENSG0000 response	Inflamed	RP11-84C1	pseudoger chr14	21451314	21453225	-	578	2.9642	0.460621	0.454656	0.11861	3.833212	0.000222	0.002224	1
ENSG0000 response	Inflamed	RP11-558F	antisense chr1	9732484	9747613	-	939	31.54654	0.002387	-0.71554	0.186678	-3.833	0.000223	0.002224	1
ENSG0000 response	Inflamed	RP11-290F	lincRNA chr20	48909257	48931459	+	3014	32.46778	0.019093	-0.82976	0.216498	-3.83263	0.000223	0.002226	1
ENSG0000 response	Inflamed	RP11-77K1	protein_cc chr16	75562430	75579326	-	2125	1.384248	0.653938	0.450244	0.1175	3.83187	0.000223	0.002232	1
ENSG0000 response	Inflamed	CLDN14	protein_cc chr21	37832919	37948867	-	2853	37.84964	0.057279	-0.9704	0.253303	-3.831	0.000224	0.002238	1

ENSG0000 response	Inflamed	SPN	protein_cc chr16	29674300	29682187	+	7372	1147.675	0	-0.60151	0.157023	-3.8307	0.000224	0.002239	1
ENSG0000 response	Inflamed	RP11-252E	antisense chr16	75142499	75144610	-	1666	34.46778	0.02864	0.803901	0.209866	3.830537	0.000224	0.00224	1
ENSG0000 response	Inflamed	UBE2L6	protein_cc chr11	57319129	57335757	-	2197	2738.088	0	-0.60578	0.158197	-3.82927	0.000225	0.002249	1
ENSG0000 response	Inflamed	DPP7	protein_cc chr9	1.4E+08	1.4E+08	-	2820	3208.95	0	-0.4983	0.130134	-3.82912	0.000226	0.002249	1
ENSG0000 response	Inflamed	DENND3	protein_cc chr8	1.42E+08	1.42E+08	+	14670	2890.94	0	-0.4944	0.129152	-3.82803	0.000226	0.002257	1
ENSG0000 response	Inflamed	BFSP2-AS1	antisense chr3	1.33E+08	1.33E+08	-	894	3.708831	0.326969	-0.64363	0.168138	-3.82796	0.000227	0.002257	1
ENSG0000 response	Inflamed	RP11-380F	lincRNA chr4	23724885	23735202	-	639	14.3747	0.212411	0.855502	0.22351	3.827586	0.000227	0.002259	1
ENSG0000 response	Inflamed	ARSD	protein_cc chrX	2822011	2847392	-	7030	3596.747	0	0.467963	0.122265	3.827446	0.000227	0.002259	1
ENSG0000 response	Inflamed	XIRP1	protein_cc chr3	39224701	39234087	-	6467	30.57518	0.24105	-1.17279	0.306427	-3.8273	0.000227	0.002259	1
ENSG0000 response	Inflamed	KLRG2	protein_cc chr7	1.39E+08	1.39E+08	-	2197	5.002387	0.484487	0.997934	0.260775	3.826801	0.000227	0.002263	1
ENSG0000 response	Inflamed	CCR3	protein_cc chr3	46205096	46308197	+	3647	82.42005	0.00716	-1.10027	0.287531	-3.8266	0.000228	0.002263	1
ENSG0000 response	Inflamed	PYY	protein_cc chr17	42030106	42081837	-	1181	3002.47	0	1.620074	0.423392	3.826413	0.000228	0.002264	1
ENSG0000 response	Inflamed	RP11-4161	antisense chr10	1.05E+08	1.05E+08	+	1432	17.70883	0.050119	0.802374	0.209709	3.826126	0.000228	0.002265	1
ENSG0000 response	Inflamed	PRR15	protein_cc chr7	29603427	29606911	+	1982	4968.742	0.002387	1.016961	0.265804	3.825983	0.000228	0.002266	1
ENSG0000 response	Inflamed	SFXN3	protein_cc chr10	1.03E+08	1.03E+08	+	4628	1754.329	0	-0.3931	0.102754	-3.82563	0.000228	0.002267	1
ENSG0000 response	Inflamed	IGHV3-33	IG_V_gene chr14	1.07E+08	1.07E+08	-	431	5696.236	0	-1.3211	0.345335	-3.82557	0.000228	0.002267	1
ENSG0000 response	Inflamed	GLB1L2	protein_cc chr11	1.34E+08	1.34E+08	+	7280	1628.613	0	0.588076	0.153731	3.825353	0.000229	0.002268	1
ENSG0000 response	Inflamed	RP4-673D	pseudoger chr20	1748603	1760641	-	1564	5.121718	0.257757	-0.72764	0.190235	-3.82497	0.000229	0.00227	1
ENSG0000 response	Inflamed	RP11-1791	lincRNA chr11	11139401	11205158	+	1833	8.050119	0.155131	-0.71691	0.187431	-3.82492	0.000229	0.00227	1
ENSG0000 response	Inflamed	AC108463	pseudoger chr2	1.12E+08	1.12E+08	-	347	5.298329	0.338902	-0.76483	0.199967	-3.82477	0.000229	0.00227	1
ENSG0000 response	Inflamed	SATB2	protein_cc chr2	2E+08	2E+08	-	10958	4407.969	0	0.924596	0.241783	3.824076	0.00023	0.002275	1
ENSG0000 response	Inflamed	PML	protein_cc chr15	74287014	74340153	+	12657	4104.575	0	-0.46916	0.122689	-3.82394	0.00023	0.002275	1
ENSG0000 response	Inflamed	RHOJ	protein_cc chr14	63670832	63759937	+	3793	422.8568	0	-0.72015	0.188329	-3.8239	0.00023	0.002275	1
ENSG0000 response	Inflamed	COMP	protein_cc chr19	18893583	18902123	-	3100	11.06444	0.50358	-1.14482	0.299411	-3.82356	0.00023	0.002277	1
ENSG0000 response	Inflamed	FKBP4	protein_cc chr12	2904119	2914576	+	3958	4711.131	0	0.319692	0.083629	3.822727	0.000231	0.002282	1
ENSG0000 response	Inflamed	SCYL1	protein_cc chr11	65292548	65306175	+	4282	3730.542	0	-0.25448	0.066581	-3.82209	0.000231	0.002287	1
ENSG0000 response	Inflamed	RP5-10071	antisense chr1	90048800	90098453	-	2088	18.50358	0.004773	-0.49333	0.129079	-3.82188	0.000231	0.002288	1
ENSG0000 response	Inflamed	RP11-1591	antisense chr11	27493276	27503980	+	1576	8.181384	0.167064	0.747028	0.195514	3.820839	0.000232	0.002295	1
ENSG0000 response	Inflamed	DHRS1	protein_cc chr14	24759804	24769039	-	5002	1135.172	0	0.286683	0.075042	3.820295	0.000233	0.002299	1
ENSG0000 response	Inflamed	C1orf228	protein_cc chr1	45140364	45191263	+	3166	90.80191	0	-0.76125	0.199355	-3.81859	0.000234	0.002312	1
ENSG0000 response	Inflamed	LINC00185	sense_ove chr21	30565801	30660526	+	1087	6.372315	0.238663	-0.65462	0.171479	-3.81751	0.000235	0.00232	1
ENSG0000 response	Inflamed	MMP28	protein_cc chr17	34083268	34122711	-	3181	1821.632	0	0.728606	0.190877	3.817151	0.000235	0.002322	1
ENSG0000 response	Inflamed	LRP8	protein_cc chr1	53711217	53793742	-	7077	361.0835	0.002387	-0.82779	0.216871	-3.81697	0.000235	0.002322	1
ENSG0000 response	Inflamed	SLC29A4	protein_cc chr7	5314000	5346501	+	5811	353.8663	0	0.598546	0.15684	3.816285	0.000236	0.002327	1
ENSG0000 response	Inflamed	PLXNC1	protein_cc chr12	94542499	94701451	+	9887	1259.842	0	-0.77477	0.203029	-3.81607	0.000236	0.002328	1
ENSG0000 response	Inflamed	C2orf82	protein_cc chr2	2.34E+08	2.34E+08	+	3698	929.0048	0	0.727817	0.190737	3.815808	0.000236	0.002329	1
ENSG0000 response	Inflamed	WTIP	protein_cc chr19	34971874	34997258	+	8262	254.2434	0	-0.61752	0.161836	-3.81572	0.000237	0.002329	1
ENSG0000 response	Inflamed	FAM209B	protein_cc chr20	55108302	55111576	+	694	6.747017	0.121718	-0.56136	0.147122	-3.81562	0.000237	0.002329	1
ENSG0000 response	Inflamed	F11R	protein_cc chr1	1.61E+08	1.61E+08	-	2114	9.071599	0.102625	0.595823	0.156159	3.815493	0.000237	0.002329	1
ENSG0000 response	Inflamed	ZYX	protein_cc chr7	1.43E+08	1.43E+08	+	3482	7816.227	0	-0.52418	0.137441	-3.81383	0.000238	0.002341	1

ENSG0000 response	Inflamed	FGF7	protein_cc chr15	49715293	49780972	+	6657	384.3699	0	-0.99189	0.260079	-3.8138	0.000238	0.002341	1
ENSG0000 response	Inflamed	TRPM6	protein_cc chr9	77337411	77503010	-	9287	1812.153	0.002387	1.394271	0.365642	3.813215	0.000239	0.002345	1
ENSG0000 response	Inflamed	PACSN1	protein_cc chr6	34433916	34503006	+	4712	51.01909	0.011933	-0.82339	0.215939	-3.81304	0.000239	0.002346	1
ENSG0000 response	Inflamed	NOXA1	protein_cc chr9	1.4E+08	1.4E+08	+	1678	918.5513	0	0.614702	0.161218	3.812857	0.000239	0.002346	1
ENSG0000 response	Inflamed	NPL	protein_cc chr1	1.83E+08	1.83E+08	+	4975	456.7804	0	-0.57625	0.151142	-3.81261	0.000239	0.002348	1
ENSG0000 response	Inflamed	DEGS2	protein_cc chr14	1.01E+08	1.01E+08	-	2004	887.6396	0	0.785275	0.206022	3.81161	0.00024	0.002354	1
ENSG0000 response	Inflamed	NHSL1	protein_cc chr6	1.39E+08	1.39E+08	-	8741	4314.566	0	0.702004	0.184179	3.811523	0.00024	0.002354	1
ENSG0000 response	Inflamed	MT-TC	Mt_tRNA chrM	5761	5826	-	66	53.358	0	0.686218	0.18004	3.81147	0.00024	0.002354	1
ENSG0000 response	Inflamed	PSAT1P3	pseudoger chr1	79520630	79521740	-	1111	1.040573	0.739857	-0.41929	0.110008	-3.81142	0.00024	0.002354	1
ENSG0000 response	Inflamed	RAX	protein_cc chr18	56934267	56941318	-	3725	6.627685	0.632458	-1.12976	0.29644	-3.8111	0.00024	0.002356	1
ENSG0000 response	Inflamed	PLXNA2	protein_cc chr1	2.08E+08	2.08E+08	-	13781	5104.742	0	0.59567	0.15631	3.810826	0.000241	0.002357	1
ENSG0000 response	Inflamed	RP11-168C	lincRNA chr1	2.01E+08	2.01E+08	+	3508	8.164678	0.157518	-0.68969	0.180985	-3.81075	0.000241	0.002357	1
ENSG0000 response	Inflamed	CTD-2524L	antisense chr15	72110737	72115725	+	896	0.794749	0.782816	0.350986	0.09211	3.810511	0.000241	0.002357	1
ENSG0000 response	Inflamed	ACOT11	protein_cc chr1	55007930	55104865	+	9768	3332.597	0	0.63054	0.165475	3.810495	0.000241	0.002357	1
ENSG0000 response	Inflamed	IGHV4-4	IG_V_gene chr14	1.06E+08	1.06E+08	-	412	2983.057	0	-1.08615	0.28505	-3.81039	0.000241	0.002357	1
ENSG0000 response	Inflamed	RP11-567C	lincRNA chr12	90501516	90506556	+	926	12.21002	0.174224	0.894314	0.234722	3.810096	0.000241	0.002359	1
ENSG0000 response	Inflamed	MT-ND3	protein_cc chrM	10059	10404	+	346	137287.9	0	0.572426	0.150257	3.809652	0.000242	0.002362	1
ENSG0000 response	Inflamed	CTB-12A17	antisense chr19	47112534	47114036	-	296	5.684964	0.298329	-0.74505	0.195662	-3.80787	0.000243	0.002376	1
ENSG0000 response	Inflamed	RP11-84D	antisense chr1	25287836	25289588	+	820	10.35084	0.081146	-0.7411	0.19468	-3.80678	0.000244	0.002384	1
ENSG0000 response	Inflamed	TMEM184	protein_cc chr7	1581871	1600457	-	7805	3215.21	0	0.749035	0.196789	3.80628	0.000245	0.002387	1
ENSG0000 response	Inflamed	IGKV1OR2	IG_V_gene chr2	1.14E+08	1.14E+08	+	390	47.05251	0.038186	-1.12009	0.294281	-3.8062	0.000245	0.002387	1
ENSG0000 response	Inflamed	PRLR	protein_cc chr5	35048861	35230794	-	13208	445.8234	0	0.988671	0.25976	3.806096	0.000245	0.002387	1
ENSG0000 response	Inflamed	IGHV2-5	IG_V_gene chr14	1.06E+08	1.06E+08	-	377	6412.215	0	-1.13079	0.297123	-3.8058	0.000245	0.002388	1
ENSG0000 response	Inflamed	CD276	protein_cc chr15	73976307	74006859	+	5542	3026.611	0	-0.47632	0.125156	-3.8058	0.000245	0.002388	1
ENSG0000 response	Inflamed	IGHV1OR1	IG_V_gene chr15	22448382	22448819	-	353	131.7255	0	-0.88892	0.233603	-3.80524	0.000245	0.002391	1
ENSG0000 response	Inflamed	FCGBP	protein_cc chr19	40353963	40440533	-	16564	184371.1	0	1.095934	0.288012	3.805167	0.000245	0.002391	1
ENSG0000 response	Inflamed	SLC39A2	protein_cc chr14	21467414	21470030	+	1575	38.12649	0.152745	1.121325	0.294725	3.804654	0.000246	0.002395	1
ENSG0000 response	Inflamed	LINC00565	lincRNA chr13	1.15E+08	1.15E+08	-	2331	10.31504	0.174224	-0.75581	0.198704	-3.80372	0.000247	0.002401	1
ENSG0000 response	Inflamed	AC078883	antisense chr2	1.73E+08	1.73E+08	-	558	10.79236	0.042959	0.578615	0.15212	3.803684	0.000247	0.002401	1
ENSG0000 response	Inflamed	CRMP1	protein_cc chr4	5749811	5894785	-	5823	184.9857	0	-0.64604	0.169856	-3.80347	0.000247	0.002402	1
ENSG0000 response	Inflamed	GALNT2	protein_cc chr1	2.3E+08	2.3E+08	+	7944	6470.134	0	-0.37246	0.097936	-3.80304	0.000247	0.002405	1
ENSG0000 response	Inflamed	TMEM183	protein_cc chr1	2.03E+08	2.03E+08	+	4026	1761.678	0	0.250924	0.065986	3.802657	0.000248	0.002406	1
ENSG0000 response	Inflamed	RP11-678C	lincRNA chr19	21753624	21770124	-	1178	18.33174	0.176611	0.896942	0.235873	3.802647	0.000248	0.002406	1
ENSG0000 response	Inflamed	GPR125	protein_cc chr4	22346694	22517677	-	9241	1957.649	0	0.582049	0.153067	3.802582	0.000248	0.002406	1
ENSG0000 response	Inflamed	LILRP1	pseudoger chr19	55208383	55212683	+	1370	9.670644	0.353222	-0.88188	0.231965	-3.80179	0.000248	0.002411	1
ENSG0000 response	Inflamed	SUCLG2	protein_cc chr3	67410884	67705038	-	3090	4987.007	0	0.547848	0.144103	3.801782	0.000248	0.002411	1
ENSG0000 response	Inflamed	RP11-455F	antisense chr16	30107751	30115437	+	1650	24.50119	0	-0.60003	0.157834	-3.80168	0.000249	0.002411	1
ENSG0000 response	Inflamed	ANKRD53	protein_cc chr2	71205510	71212626	+	2523	31.61098	0.009547	-0.69937	0.183973	-3.80148	0.000249	0.002412	1
ENSG0000 response	Inflamed	RP11-103C	antisense chr3	1.5E+08	1.5E+08	+	827	15.39618	0.002387	-0.53781	0.141485	-3.80116	0.000249	0.002414	1
ENSG0000 response	Inflamed	SCN2A	protein_cc chr2	1.66E+08	1.66E+08	+	12338	7.713604	0.27685	-0.8818	0.231999	-3.8009	0.000249	0.002415	1

ENSG0000 response	Inflamed	DLG4	protein_cc chr17	7093209	7123021	-	5746	528.5895	0	-0.57717	0.151861	-3.80063	0.000249	0.002416	1
ENSG0000 response	Inflamed	ZSCAN16-1	antisense chr6	28089573	28105071	-	2163	72.73031	0	-0.46961	0.123582	-3.80001	0.00025	0.002421	1
ENSG0000 response	Inflamed	PON3	protein_cc chr7	94989256	95025680	-	4040	52.94511	0.004773	0.677259	0.178235	3.79981	0.00025	0.002421	1
ENSG0000 response	Inflamed	RTN1	protein_cc chr14	60062694	60337684	-	6209	222.7852	0.004773	-0.61037	0.160633	-3.79976	0.00025	0.002421	1
ENSG0000 response	Inflamed	DLL3	protein_cc chr19	39989535	39999121	+	2618	4.682578	0.221957	-0.67681	0.178165	-3.7988	0.000251	0.002428	1
ENSG0000 response	Inflamed	MLK4	protein_cc chr1	2.33E+08	2.34E+08	+	7916	700.6396	0	0.697226	0.183583	3.797886	0.000252	0.002435	1
ENSG0000 response	Inflamed	RP11-121M	lincRNA chr11	1.3E+08	1.3E+08	+	957	6.627685	0.093079	0.50475	0.132907	3.797766	0.000252	0.002435	1
ENSG0000 response	Inflamed	NRSN2	protein_cc chr20	327426	340304	+	2928	650.9833	0	-0.45361	0.11946	-3.79716	0.000253	0.00244	1
ENSG0000 response	Inflamed	AC187652	protein_cc chr7	302918	304070	+	501	4.72315	0.360382	-0.72215	0.190202	-3.79672	0.000253	0.002443	1
ENSG0000 response	Inflamed	SHISA5	protein_cc chr3	48509197	48542259	-	4586	6936.496	0	-0.30662	0.080766	-3.79642	0.000253	0.002444	1
ENSG0000 response	Inflamed	PPDPF	protein_cc chr20	62152077	62153559	+	1094	13327.78	0	0.408925	0.107737	3.795602	0.000254	0.00245	1
ENSG0000 response	Inflamed	GTF3A	protein_cc chr13	27998681	28009958	+	2999	1709.017	0	-0.32895	0.086671	-3.79542	0.000254	0.002451	1
ENSG0000 response	Inflamed	LHB	protein_cc chr19	49519237	49520338	-	514	2.472554	0.470167	-0.52045	0.137129	-3.79535	0.000254	0.002451	1
ENSG0000 response	Inflamed	ADORA2A-	antisense chr22	24825178	24891042	-	4033	1.739857	0.71599	-0.43587	0.114853	-3.79505	0.000254	0.002453	1
ENSG0000 response	Inflamed	NAPSB	pseudoger chr19	50837053	50848024	-	1915	504.9714	0	-0.75597	0.199212	-3.79479	0.000255	0.002454	1
ENSG0000 response	Inflamed	IGHV3-48	IG_V_gene chr14	1.07E+08	1.07E+08	-	430	7492.358	0	-1.21122	0.319187	-3.7947	0.000255	0.002454	1
ENSG0000 response	Inflamed	CSF2RBP1	pseudoger chr22	37346571	37349764	-	391	2.281623	0.675418	-0.66177	0.174405	-3.79446	0.000255	0.002454	1
ENSG0000 response	Inflamed	RNASE3	protein_cc chr14	21359558	21360507	+	720	2.281623	0.568019	-0.52764	0.139056	-3.79444	0.000255	0.002454	1
ENSG0000 response	Inflamed	PRELID2	protein_cc chr5	1.45E+08	1.45E+08	-	5375	668.7112	0	0.766278	0.201961	3.794183	0.000255	0.002455	1
ENSG0000 response	Inflamed	DDR1	protein_cc chr6	30844198	30867933	+	9122	13905.37	0	0.527826	0.139136	3.793594	0.000256	0.00246	1
ENSG0000 response	Inflamed	SCAMP5	protein_cc chr15	75249560	75313837	+	4874	1130.535	0	-0.63741	0.168126	-3.79124	0.000258	0.002479	1
ENSG0000 response	Inflamed	TSPAN11	protein_cc chr12	31079362	31149534	+	7113	3399.186	0	-0.73378	0.19355	-3.79116	0.000258	0.002479	1
ENSG0000 response	Inflamed	LINC01006	processed_chr7	1.56E+08	1.56E+08	-	2246	54.91647	0	0.678832	0.179067	3.790933	0.000258	0.00248	1
ENSG0000 response	Inflamed	NCKAP1L	protein_cc chr12	54891495	54937726	+	6300	1969.05	0	-0.64738	0.170786	-3.79061	0.000258	0.002482	1
ENSG0000 response	Inflamed	SIGLEC19P	pseudoger chr19	51647083	51647453	+	371	2.639618	0.424821	-0.54262	0.143162	-3.79023	0.000259	0.002484	1
ENSG0000 response	Inflamed	RP11-247L	lincRNA chr14	50793244	50794627	-	446	41.73747	0.011933	0.745356	0.19667	3.789878	0.000259	0.002487	1
ENSG0000 response	Inflamed	CAHM	lincRNA chr6	1.64E+08	1.64E+08	-	896	9.914081	0.071599	-0.63051	0.166377	-3.78963	0.000259	0.002488	1
ENSG0000 response	Inflamed	RSPO1	protein_cc chr1	38076951	38100595	-	3160	67.55847	0.01432	-0.894	0.23593	-3.78925	0.00026	0.00249	1
ENSG0000 response	Inflamed	DTX1	protein_cc chr12	1.13E+08	1.14E+08	+	4387	490.5704	0	-0.8146	0.215046	-3.78801	0.000261	0.0025	1
ENSG0000 response	Inflamed	ARL14	protein_cc chr3	1.6E+08	1.6E+08	+	1286	938.9141	0.002387	0.959835	0.253409	3.787683	0.000261	0.002502	1
ENSG0000 response	Inflamed	DAGLA	protein_cc chr11	61447905	61514473	+	5757	1147	0	0.536287	0.141601	3.787308	0.000261	0.002505	1
ENSG0000 response	Inflamed	TEAD4	protein_cc chr12	3068496	3149839	+	2272	426.4821	0	-0.49919	0.131815	-3.78703	0.000262	0.002506	1
ENSG0000 response	Inflamed	IL7R	protein_cc chr5	35852797	35879705	+	6060	2248.778	0	-1.14601	0.30264	-3.7867	0.000262	0.002508	1
ENSG0000 response	Inflamed	RP11-168F	lincRNA chr1	3403810	3404191	+	382	11.12172	0.114558	0.677381	0.178895	3.786478	0.000262	0.002509	1
ENSG0000 response	Inflamed	CBX4	protein_cc chr17	77806955	77813228	-	2880	1033.885	0	-0.45133	0.119198	-3.78634	0.000262	0.002509	1
ENSG0000 response	Inflamed	RP11-96D	antisense chr16	68259872	68263048	-	3177	741.6587	0	0.863456	0.228102	3.785386	0.000263	0.002517	1
ENSG0000 response	Inflamed	GNG12-AS	antisense chr1	68297986	68668670	+	3465	11.41527	0.081146	0.652651	0.172433	3.784965	0.000264	0.00252	1
ENSG0000 response	Inflamed	CCDC78	protein_cc chr16	772582	776954	-	4147	32.05251	0.023866	-0.79925	0.211184	-3.78461	0.000264	0.002521	1
ENSG0000 response	Inflamed	U73169.1	pseudoger chr3	50277054	50277416	+	359	5.109785	0.24821	-0.68753	0.181666	-3.78459	0.000264	0.002521	1
ENSG0000 response	Inflamed	MIR3131	miRNA chr2	2.2E+08	2.2E+08	-	63	8.99284	0.126492	0.642519	0.169854	3.782774	0.000266	0.002536	1

ENSG0000 response	Inflamed	ANKRD26F pseudoger	chr16	46503253	46603009	-	6411	1.675418	0.701671	-0.64781	0.171316	-3.78138	0.000267	0.002548	1
ENSG0000 response	Inflamed	RP11-362L sense_intr	chr14	1.01E+08	1.01E+08	+	606	1.653938	0.553699	0.437724	0.11581	3.779668	0.000269	0.002562	1
ENSG0000 response	Inflamed	RASGRP2 protein_cc	chr11	64494383	64512928	-	6084	814.4153	0	-0.89372	0.236458	-3.7796	0.000269	0.002562	1
ENSG0000 response	Inflamed	MIR31HG sense_ove	chr9	21455641	21559668	-	745	7.799523	0.441527	-1.02536	0.271301	-3.77943	0.000269	0.002563	1
ENSG0000 response	Inflamed	TAS1R1 protein_cc	chr1	6615241	6639817	+	2892	8.353222	0.066826	-0.66656	0.176399	-3.7787	0.000269	0.002568	1
ENSG0000 response	Inflamed	MMP13 protein_cc	chr11	1.03E+08	1.03E+08	-	2834	133.4678	0.384248	-1.95164	0.516586	-3.77795	0.00027	0.002574	1
ENSG0000 response	Inflamed	CLPB protein_cc	chr11	72003469	72145692	-	4232	492.0883	0	-0.33668	0.089124	-3.77759	0.00027	0.002576	1
ENSG0000 response	Inflamed	CTD-2024F antisense	chr5	34656517	34657355	-	407	1.128878	0.749403	-0.46628	0.123447	-3.77714	0.000271	0.002579	1
ENSG0000 response	Inflamed	HOXB9 protein_cc	chr17	46698518	46703839	-	2705	3431.938	0	0.825922	0.218708	3.776374	0.000272	0.002585	1
ENSG0000 response	Inflamed	EDN2 protein_cc	chr1	41944446	41950344	-	1639	104.0143	0.038186	1.150913	0.304768	3.776356	0.000272	0.002585	1
ENSG0000 response	Inflamed	DEFB4A protein_cc	chr8	7752151	7754233	+	380	94.69928	0.424821	-1.89362	0.501451	-3.77627	0.000272	0.002585	1
ENSG0000 response	Inflamed	RP1-239B2 antisense	chr11	17402196	17405078	+	2883	178.864	0	0.680805	0.180305	3.775861	0.000272	0.002587	1
ENSG0000 response	Inflamed	HMHA1 protein_cc	chr19	1065922	1086627	+	6497	3783.081	0	-0.49131	0.130135	-3.77538	0.000273	0.002591	1
ENSG0000 response	Inflamed	ZNF71 protein_cc	chr19	57106632	57137849	+	6170	237.4463	0	-0.35872	0.095036	-3.77462	0.000273	0.002596	1
ENSG0000 response	Inflamed	FHDC1 protein_cc	chr4	1.54E+08	1.54E+08	+	6593	1347.84	0	0.571847	0.151499	3.774602	0.000273	0.002596	1
ENSG0000 response	Inflamed	QARS protein_cc	chr3	49133365	49142553	-	4576	9419.379	0	0.341838	0.090568	3.77439	0.000274	0.002597	1
ENSG0000 response	Inflamed	RP11-153H pseudoger	chr4	1.55E+08	1.55E+08	+	3277	11.78759	0.317422	-1.06204	0.281399	-3.77415	0.000274	0.002598	1
ENSG0000 response	Inflamed	MARK4 protein_cc	chr19	45582546	45808541	+	6668	878.9141	0	-0.40088	0.106219	-3.77406	0.000274	0.002598	1
ENSG0000 response	Inflamed	DCPS protein_cc	chr11	1.26E+08	1.26E+08	+	3352	717.6062	0	-0.32801	0.086918	-3.77382	0.000274	0.002599	1
ENSG0000 response	Inflamed	ADAMTS5 protein_cc	chr21	28290231	28338832	-	9056	227.4988	0.002387	-0.78511	0.208046	-3.77373	0.000274	0.002599	1
ENSG0000 response	Inflamed	EPB41L4B protein_cc	chr9	1.12E+08	1.12E+08	-	7879	4696.857	0	0.945755	0.25062	3.773658	0.000274	0.002599	1
ENSG0000 response	Inflamed	GRINA protein_cc	chr8	1.45E+08	1.45E+08	+	2527	6569.487	0	-0.46432	0.123047	-3.77349	0.000274	0.002599	1
ENSG0000 response	Inflamed	GATA6-AS lincRNA	chr18	19746859	19748929	-	1823	136.9952	0.004773	0.91865	0.243497	3.772729	0.000275	0.002605	1
ENSG0000 response	Inflamed	CELF5 protein_cc	chr19	3224701	3297074	+	6024	23.24821	0.038186	0.715198	0.189656	3.771037	0.000277	0.00262	1
ENSG0000 response	Inflamed	IGF2BP3 protein_cc	chr7	23349828	23510086	-	8511	71.11217	0.050119	-1.10592	0.293315	-3.77043	0.000277	0.002624	1
ENSG0000 response	Inflamed	RPS3AP40 pseudoger	chr11	67693122	67693902	-	781	1.293556	0.692124	0.465473	0.123455	3.770388	0.000277	0.002624	1
ENSG0000 response	Inflamed	RAVER2 protein_cc	chr1	65210778	65298915	+	6070	2021.63	0	0.711485	0.188729	3.769871	0.000278	0.002628	1
ENSG0000 response	Inflamed	AQP8 protein_cc	chr16	25227052	25240261	+	1421	12233.81	0.019093	2.711327	0.719231	3.769757	0.000278	0.002628	1
ENSG0000 response	Inflamed	MYH10 protein_cc	chr17	8377523	8534079	-	9029	746.2243	0	-0.87912	0.233257	-3.7689	0.000279	0.002635	1
ENSG0000 response	Inflamed	ZNF385A protein_cc	chr12	54762917	54785082	-	3179	1027.119	0	-0.58231	0.15451	-3.76874	0.000279	0.002635	1
ENSG0000 response	Inflamed	AK1 protein_cc	chr9	1.31E+08	1.31E+08	-	2667	507.6683	0	0.562322	0.149244	3.767795	0.00028	0.002643	1
ENSG0000 response	Inflamed	CBLC protein_cc	chr19	45281126	45303891	+	1579	2275.47	0	0.735542	0.195238	3.767409	0.00028	0.002646	1
ENSG0000 response	Inflamed	ATP5B protein_cc	chr12	57031959	57039798	-	2268	31116.93	0	0.369226	0.09802	3.766831	0.000281	0.00265	1
ENSG0000 response	Inflamed	ERC2 protein_cc	chr3	55542336	56502391	-	7933	5.138425	0.26969	-0.72688	0.192979	-3.76663	0.000281	0.002651	1
ENSG0000 response	Inflamed	MCF2L protein_cc	chr13	1.14E+08	1.14E+08	+	23204	3256.573	0	0.502925	0.133533	3.766282	0.000281	0.002653	1
ENSG0000 response	Inflamed	CEBPA protein_cc	chr19	33790840	33793470	-	2631	390.9212	0	0.555113	0.147413	3.7657	0.000282	0.002658	1
ENSG0000 response	Inflamed	SPNS3 protein_cc	chr17	4336983	4391503	+	2684	70.57518	0	-0.51494	0.136778	-3.76482	0.000283	0.002665	1
ENSG0000 response	Inflamed	SIRT6 protein_cc	chr19	4174106	4182601	-	2787	2351.597	0	0.416268	0.110582	3.764323	0.000283	0.002669	1
ENSG0000 response	Inflamed	TNFRSF13C protein_cc	chr22	42321045	42322822	-	926	169.7422	0.002387	-1.01507	0.269714	-3.7635	0.000284	0.002676	1
ENSG0000 response	Inflamed	NR3C2 protein_cc	chr4	1.49E+08	1.49E+08	-	6607	2936.229	0	0.955098	0.253834	3.762693	0.000285	0.002682	1

ENSG0000 response	Inflamed	HGF	protein_cc chr7	81328322	81399754	-	8897	435.4654	0.002387	-1.09506	0.291042	-3.76254	0.000285	0.002682	1
ENSG0000 response	Inflamed	FOXS1	protein_cc chr20	30432103	30433420	-	1318	60.91408	0.004773	-0.87679	0.233038	-3.76243	0.000285	0.002682	1
ENSG0000 response	Inflamed	RP1-1700	lincRNA chr7	27226192	27233067	-	556	48.48449	0.054893	0.71134	0.189065	3.762408	0.000285	0.002682	1
ENSG0000 response	Inflamed	TMEM106	protein_cc chr12	48357352	48362661	+	3348	3366.635	0	0.505342	0.134317	3.762307	0.000285	0.002682	1
ENSG0000 response	Inflamed	ADPGK-AS	antisense chr15	73075176	73090540	+	3138	9.147971	0.066826	-0.62969	0.167406	-3.76145	0.000286	0.002689	1
ENSG0000 response	Inflamed	ATG7	protein_cc chr3	11313995	11599139	+	8833	1013.098	0	-0.25854	0.068743	-3.76096	0.000287	0.002693	1
ENSG0000 response	Inflamed	GREM1	protein_cc chr15	33010175	33026870	+	4168	4682.274	0.004773	-1.70963	0.454648	-3.76033	0.000287	0.002697	1
ENSG0000 response	Inflamed	ROBO1	protein_cc chr3	78646390	79816965	-	10862	1648.952	0	-0.81316	0.216251	-3.76029	0.000287	0.002697	1
ENSG0000 response	Inflamed	RP11-214C	lincRNA chr17	14207171	14208822	+	1652	28.96181	0.031026	-0.68631	0.182534	-3.75991	0.000288	0.0027	1
ENSG0000 response	Inflamed	MIR200B	miRNA chr1	1102484	1102578	+	95	13.68735	0.081146	0.744011	0.197913	3.759285	0.000288	0.002704	1
ENSG0000 response	Inflamed	DNAH2	protein_cc chr17	7620672	7737062	+	17231	95.73508	0.002387	-0.70847	0.188464	-3.75915	0.000288	0.002704	1
ENSG0000 response	Inflamed	SMIM1	protein_cc chr1	3689352	3692546	+	954	20.358	0.011933	-0.75413	0.200611	-3.75914	0.000289	0.002704	1
ENSG0000 response	Inflamed	RP11-47L3	lincRNA chr17	33640521	33651919	+	714	16.04057	0.009547	-0.5138	0.136706	-3.75847	0.000289	0.002709	1
ENSG0000 response	Inflamed	SKAP1	protein_cc chr17	46210802	46507637	-	2648	237.0239	0	-0.47258	0.125744	-3.75829	0.000289	0.002709	1
ENSG0000 response	Inflamed	RP11-768E	antisense chr4	1.54E+08	1.54E+08	+	2371	11.06921	0.114558	-0.8505	0.2263	-3.75828	0.000289	0.002709	1
ENSG0000 response	Inflamed	CFI	protein_cc chr4	1.11E+08	1.11E+08	-	3873	861.7327	0	-1.04194	0.277283	-3.75769	0.00029	0.002714	1
ENSG0000 response	Inflamed	HABP4	protein_cc chr9	99212483	99253618	+	4056	313.0095	0	-0.45913	0.122192	-3.75745	0.00029	0.002715	1
ENSG0000 response	Inflamed	TSPAN32	protein_cc chr11	2323227	2339430	+	3793	82.89976	0.002387	-0.76498	0.203649	-3.75634	0.000291	0.002725	1
ENSG0000 response	Inflamed	RP5-894D	lincRNA chr6	1.71E+08	1.71E+08	-	1953	5.312649	0.145585	0.557424	0.1484	3.756228	0.000291	0.002725	1
ENSG0000 response	Inflamed	LINC00511	lincRNA chr17	70319264	70636611	-	8615	726.6253	0	0.476245	0.126792	3.756129	0.000292	0.002725	1
ENSG0000 response	Inflamed	RP11-380M	pseudoger chr18	45379604	45379828	-	225	168.2315	0	0.634087	0.168836	3.755645	0.000292	0.002729	1
ENSG0000 response	Inflamed	MYL5	protein_cc chr4	667369	675822	+	4305	362.1337	0	0.415781	0.110733	3.754798	0.000293	0.002735	1
ENSG0000 response	Inflamed	CYP26B1	protein_cc chr2	72356367	72375167	-	5015	866.8282	0.004773	-1.41324	0.376388	-3.75474	0.000293	0.002735	1
ENSG0000 response	Inflamed	BCL6B	protein_cc chr17	6926339	6933609	+	4373	500.2792	0	-0.77387	0.206108	-3.75466	0.000293	0.002735	1
ENSG0000 response	Inflamed	GUCY1A3	protein_cc chr4	1.57E+08	1.57E+08	+	5766	440.6492	0	-1.05066	0.279856	-3.75427	0.000293	0.002738	1
ENSG0000 response	Inflamed	RP4-753P	3prime_ov chrX	1.29E+08	1.29E+08	+	326	9.031026	0.171838	-0.68445	0.182356	-3.75338	0.000294	0.002745	1
ENSG0000 response	Inflamed	HAL	protein_cc chr12	96366440	96390143	-	5146	57.28878	0.016706	-0.98603	0.262761	-3.75257	0.000295	0.002752	1
ENSG0000 response	Inflamed	GJB1	protein_cc chrX	70435044	70445366	+	2235	1964.148	0.004773	0.853915	0.227598	3.751855	0.000296	0.002758	1
ENSG0000 response	Inflamed	C12orf55	protein_cc chr12	96883349	97269333	+	12719	40.63484	0.009547	-0.90792	0.242046	-3.75102	0.000297	0.002765	1
ENSG0000 response	Inflamed	TACC2	protein_cc chr10	1.24E+08	1.24E+08	+	18835	4073.998	0	0.540895	0.144208	3.75079	0.000297	0.002766	1
ENSG0000 response	Inflamed	HOXB6	protein_cc chr17	46671639	46682354	-	4078	2064.193	0	0.675262	0.180041	3.750599	0.000297	0.002767	1
ENSG0000 response	Inflamed	KCNMB2	protein_cc chr3	1.78E+08	1.79E+08	+	3585	7.684964	0.150358	0.72071	0.192174	3.750292	0.000298	0.002769	1
ENSG0000 response	Inflamed	RP11-175I	antisense chr9	1.28E+08	1.28E+08	+	617	2.083532	0.51074	0.398097	0.106169	3.74967	0.000298	0.002774	1
ENSG0000 response	Inflamed	PRKCZ	protein_cc chr1	1981909	2116834	+	7636	1684.408	0	0.363297	0.096904	3.74903	0.000299	0.002779	1
ENSG0000 response	Inflamed	KCND2	protein_cc chr7	1.2E+08	1.2E+08	+	5555	3.460621	0.630072	-0.83705	0.223303	-3.7485	0.000299	0.002781	1
ENSG0000 response	Inflamed	ASAP1	protein_cc chr8	1.31E+08	1.31E+08	-	8278	1545.379	0	-0.66536	0.177503	-3.74846	0.000299	0.002781	1
ENSG0000 response	Inflamed	IGHV3-20	IG_V_gene chr14	1.07E+08	1.07E+08	-	413	998.5036	0.002387	-1.37927	0.367959	-3.74844	0.000299	0.002781	1
ENSG0000 response	Inflamed	RP11-13K1	lincRNA chr17	75543022	75559325	+	5079	52.59427	0.0358	1.134257	0.302599	3.748387	0.0003	0.002781	1
ENSG0000 response	Inflamed	MCTP1	protein_cc chr5	94039446	94620279	-	12089	269.4057	0	-0.74868	0.199735	-3.74836	0.0003	0.002781	1
ENSG0000 response	Inflamed	APOC2	protein_cc chr19	45449243	45452822	+	1312	20.6611	0.040573	-0.67056	0.178935	-3.74751	0.0003	0.002787	1

ENSG0000 response	Inflamed	RUNX2	protein_cc chr6	45295894	45632086	+	8191	671.864	0	-0.6779	0.180896	-3.74744	0.000301	0.002787	1
ENSG0000 response	Inflamed	CXCR3	protein_cc chrX	70835766	70838367	-	1868	341.9857	0	-0.48585	0.129649	-3.74742	0.000301	0.002787	1
ENSG0000 response	Inflamed	FAM171A1	protein_cc chr10	15253642	15413061	-	3955	3249.477	0	0.407129	0.108648	3.747233	0.000301	0.002787	1
ENSG0000 response	Inflamed	STEAP1B	protein_cc chr7	22459063	22672544	-	2316	11.54415	0.047733	-0.71999	0.192139	-3.74721	0.000301	0.002787	1
ENSG0000 response	Inflamed	RP11-395F	antisense chr9	1.31E+08	1.31E+08	-	3958	2029.757	0	0.633398	0.169049	3.746821	0.000301	0.002789	1
ENSG0000 response	Inflamed	LOX	protein_cc chr5	1.21E+08	1.21E+08	-	5468	565.315	0	-0.70362	0.187795	-3.74676	0.000301	0.002789	1
ENSG0000 response	Inflamed	01-Sep	protein_cc chr16	30389454	30407312	-	4217	459.0907	0	-0.6461	0.172443	-3.74674	0.000301	0.002789	1
ENSG0000 response	Inflamed	HECW1	protein_cc chr7	43152198	43605600	+	13965	28.51074	0.016706	-0.73958	0.197398	-3.74664	0.000301	0.002789	1
ENSG0000 response	Inflamed	FUT8	protein_cc chr14	65877310	66210839	+	6889	1356.396	0	-0.59222	0.158075	-3.74645	0.000302	0.00279	1
ENSG0000 response	Inflamed	RP13-452I	processed_chr7	1.52E+08	1.52E+08	+	2222	8.9642	0.224344	-0.85875	0.229252	-3.74588	0.000302	0.002794	1
ENSG0000 response	Inflamed	GPR116	protein_cc chr6	46820249	46922680	-	6717	994.3604	0.002387	-0.93516	0.249652	-3.74584	0.000302	0.002794	1
ENSG0000 response	Inflamed	LINC0084C	lincRNA chr10	44354859	44390881	+	1974	4.207637	0.362768	-0.6405	0.170998	-3.74567	0.000302	0.002794	1
ENSG0000 response	Inflamed	SLC7A11	protein_cc chr4	1.39E+08	1.39E+08	-	9645	414.6754	0	-1.00806	0.269137	-3.74554	0.000303	0.002795	1
ENSG0000 response	Inflamed	PGLYRP2	protein_cc chr19	15579456	15609767	-	3188	8.539379	0.095465	-0.68553	0.18304	-3.74522	0.000303	0.002797	1
ENSG0000 response	Inflamed	AC005256	lincRNA chr19	1748055	1748744	+	458	1.878282	0.682578	-0.62344	0.16652	-3.74393	0.000304	0.002808	1
ENSG0000 response	Inflamed	PXDN	protein_cc chr2	1635659	1748624	-	11257	5075.432	0	-0.73347	0.195983	-3.74254	0.000306	0.002821	1
ENSG0000 response	Inflamed	MSTO1	protein_cc chr1	1.56E+08	1.56E+08	+	5359	489.2697	0	-0.36535	0.097626	-3.7424	0.000306	0.002821	1
ENSG0000 response	Inflamed	AC004466	protein_cc chr12	48178706	48179787	+	1082	27.76372	0.009547	0.495887	0.132523	3.741878	0.000306	0.002826	1
ENSG0000 response	Inflamed	RAB3C	protein_cc chr5	57878048	58155213	+	9648	65.60143	0.002387	-0.66184	0.176902	-3.74127	0.000307	0.002831	1
ENSG0000 response	Inflamed	ANKRD36E	pseudoger chr2	89065324	89106126	+	8039	1058.599	0	-1.24629	0.333136	-3.74107	0.000307	0.002832	1
ENSG0000 response	Inflamed	S100A4	protein_cc chr1	1.54E+08	1.54E+08	-	1025	1810.554	0	-0.70991	0.189791	-3.74048	0.000308	0.002836	1
ENSG0000 response	Inflamed	FCRLA	protein_cc chr1	1.62E+08	1.62E+08	+	3275	334.8831	0.002387	-1.0678	0.285478	-3.74037	0.000308	0.002836	1
ENSG0000 response	Inflamed	SPINT2	protein_cc chr19	38734675	38783254	+	5199	14853.7	0	0.48713	0.130263	3.739605	0.000309	0.002843	1
ENSG0000 response	Inflamed	LMX1A	protein_cc chr1	1.65E+08	1.65E+08	-	4185	25.10263	0.083532	0.979912	0.262067	3.739162	0.000309	0.002846	1
ENSG0000 response	Inflamed	DDO	protein_cc chr6	1.11E+08	1.11E+08	-	2130	60.52029	0	0.599528	0.160354	3.738782	0.00031	0.002849	1
ENSG0000 response	Inflamed	UBE2QL1	protein_cc chr5	6448736	6495022	+	4317	75.54177	0.009547	-0.66187	0.177029	-3.73874	0.00031	0.002849	1
ENSG0000 response	Inflamed	CLU	protein_cc chr8	27454434	27472548	-	6616	5963.523	0	-0.92851	0.248366	-3.73847	0.00031	0.00285	1
ENSG0000 response	Inflamed	LOXL1	protein_cc chr15	74218330	74244478	+	3637	927.7327	0	-0.8337	0.22301	-3.73837	0.00031	0.00285	1
ENSG0000 response	Inflamed	CANT1	protein_cc chr17	76987799	77005949	-	4414	15847.94	0	0.389351	0.104151	3.738331	0.00031	0.00285	1
ENSG0000 response	Inflamed	SNX29	protein_cc chr16	12070594	12668146	+	11298	1460.494	0	-0.48487	0.129725	-3.73771	0.000311	0.002855	1
ENSG0000 response	Inflamed	CAPN9	protein_cc chr1	2.31E+08	2.31E+08	+	2593	1232.888	0	1.028109	0.275119	3.736963	0.000312	0.002861	1
ENSG0000 response	Inflamed	RP5-1139E	antisense chr1	2.28E+08	2.28E+08	-	3955	29.39857	0.026253	-0.74797	0.200169	-3.73668	0.000312	0.002863	1
ENSG0000 response	Inflamed	PIF1	protein_cc chr15	65107831	65117867	-	4656	323.5561	0	-0.61139	0.163631	-3.73637	0.000312	0.002865	1
ENSG0000 response	Inflamed	DDIT4L	protein_cc chr4	1.01E+08	1.01E+08	-	2994	19.73031	0.026253	-0.78376	0.209792	-3.73587	0.000313	0.002869	1
ENSG0000 response	Inflamed	EVPLL	protein_cc chr17	18280976	18292961	+	2156	10.31265	0.138425	0.71481	0.191352	3.735587	0.000313	0.002871	1
ENSG0000 response	Inflamed	MEF2C	protein_cc chr5	88013975	88199922	-	9053	854.7733	0	-0.81209	0.217429	-3.73498	0.000314	0.002876	1
ENSG0000 response	Inflamed	PTPN1	protein_cc chr20	49126891	49201299	+	3529	3943.305	0	-0.41159	0.110204	-3.7348	0.000314	0.002876	1
ENSG0000 response	Inflamed	STMND1	protein_cc chr6	17102489	17131603	+	2882	14.358	0.224344	0.887477	0.237624	3.734789	0.000314	0.002876	1
ENSG0000 response	Inflamed	FAM160A1	protein_cc chr4	1.52E+08	1.53E+08	+	4932	555.3771	0	0.791209	0.21189	3.734053	0.000315	0.002882	1
ENSG0000 response	Inflamed	LGALS1	protein_cc chr22	38071615	38075813	+	1099	3500.754	0	-0.71458	0.191371	-3.73402	0.000315	0.002882	1

ENSG0000 response	Inflamed	RP11-542k antisense	chr9	1.25E+08	1.25E+08	+	259	2.582339	0.548926	-0.62716	0.167976	-3.73365	0.000315	0.002884	1
ENSG0000 response	Inflamed	CMTM8	protein_cc chr3	32280171	32411817	+	1174	269.5179	0	0.346705	0.09287	3.733225	0.000316	0.002888	1
ENSG0000 response	Inflamed	SMAGP	protein_cc chr12	51638342	51664674	-	3558	2377.733	0	0.415738	0.111371	3.732914	0.000316	0.002889	1
ENSG0000 response	Inflamed	TIMD4	protein_cc chr5	1.56E+08	1.56E+08	-	1555	48.64916	0.0358	-1.11324	0.298227	-3.73286	0.000316	0.002889	1
ENSG0000 response	Inflamed	KCNH6	protein_cc chr17	61600695	61626338	+	4211	42.87112	0.019093	0.845848	0.226655	3.731882	0.000317	0.002897	1
ENSG0000 response	Inflamed	CYP2E1	protein_cc chr10	1.35E+08	1.35E+08	+	9621	41.04296	0.002387	-0.67437	0.180707	-3.73185	0.000317	0.002897	1
ENSG0000 response	Inflamed	NAMA	lincRNA chr9	1.02E+08	1.02E+08	-	5073	1.260143	0.76611	-0.49711	0.133209	-3.73182	0.000317	0.002897	1
ENSG0000 response	Inflamed	XXbac-B13	lincRNA chr22	21311380	21318967	+	684	112.9642	0	0.584034	0.156538	3.730933	0.000318	0.002904	1
ENSG0000 response	Inflamed	WDR64	protein_cc chr1	2.42E+08	2.42E+08	+	4935	4.553699	0.252983	-0.6473	0.173498	-3.7309	0.000318	0.002904	1
ENSG0000 response	Inflamed	NEUROD1	protein_cc chr2	1.83E+08	1.83E+08	-	3312	55.35561	0.073986	1.192038	0.319515	3.730771	0.000318	0.002904	1
ENSG0000 response	Inflamed	MT1A	protein_cc chr16	56672578	56673999	+	396	29.65632	0.02148	0.816468	0.21887	3.730374	0.000319	0.002907	1
ENSG0000 response	Inflamed	AC017002	lincRNA chr2	1.12E+08	1.12E+08	-	881	2.98568	0.458234	-0.6039	0.161958	-3.72874	0.000321	0.002923	1
ENSG0000 response	Inflamed	MT1M	protein_cc chr16	56666145	56667898	+	942	360.1814	0.004773	1.181123	0.316781	3.728518	0.000321	0.002924	1
ENSG0000 response	Inflamed	FMO2	protein_cc chr1	1.71E+08	1.71E+08	+	6239	17.35561	0.157518	-1.06008	0.284381	-3.72767	0.000322	0.002932	1
ENSG0000 response	Inflamed	RP11-389C	sense_ove chr5	71735730	71738214	-	2485	197.2936	0.002387	-0.65049	0.174528	-3.72711	0.000323	0.002936	1
ENSG0000 response	Inflamed	CERS6	protein_cc chr2	1.69E+08	1.7E+08	+	7238	3335.174	0	0.679878	0.182451	3.726356	0.000323	0.002943	1
ENSG0000 response	Inflamed	NYAP2	protein_cc chr2	2.26E+08	2.27E+08	+	4832	4.675418	0.379475	-0.79316	0.212868	-3.72608	0.000324	0.002945	1
ENSG0000 response	Inflamed	SPATA2	protein_cc chr20	48519928	48532080	-	4305	1618.573	0	0.364115	0.097743	3.725235	0.000325	0.002951	1
ENSG0000 response	Inflamed	P2RY10	protein_cc chrX	78200829	78217451	+	1803	152.747	0.002387	-0.84555	0.226981	-3.72519	0.000325	0.002951	1
ENSG0000 response	Inflamed	SIRPG	protein_cc chr20	1609798	1638425	-	2242	238.5967	0	-0.63329	0.170004	-3.72516	0.000325	0.002951	1
ENSG0000 response	Inflamed	MED12L	protein_cc chr3	1.51E+08	1.51E+08	+	12619	18.98091	0.069212	-0.79896	0.214508	-3.7246	0.000325	0.002955	1
ENSG0000 response	Inflamed	ATPIF1	protein_cc chr1	28562620	28573417	+	2225	3764.64	0	0.293788	0.078878	3.724596	0.000325	0.002955	1
ENSG0000 response	Inflamed	RP4-725G	pseudoger chr7	56230838	56231226	+	389	2.909308	0.369928	-0.52804	0.141777	-3.72443	0.000326	0.002956	1
ENSG0000 response	Inflamed	CTD-2536I	lincRNA chr15	95819690	95870358	-	2343	16.83294	0.050119	-0.7611	0.204371	-3.72411	0.000326	0.002958	1
ENSG0000 response	Inflamed	PABPC4	protein_cc chr1	40026488	40042462	-	6782	5242.162	0	-0.28322	0.076054	-3.72398	0.000326	0.002958	1
ENSG0000 response	Inflamed	SERINC2	protein_cc chr1	31882412	31907525	+	3520	13701.91	0	0.578292	0.155291	3.723934	0.000326	0.002958	1
ENSG0000 response	Inflamed	RP11-867C	protein_cc chr11	66115421	66132275	+	1540	264.8592	0	0.485333	0.130339	3.723609	0.000327	0.00296	1
ENSG0000 response	Inflamed	PI4K2A	protein_cc chr10	99344131	99436191	+	4864	1004.535	0	-0.26176	0.070301	-3.72336	0.000327	0.002962	1
ENSG0000 response	Inflamed	SLC25A10	protein_cc chr17	79670404	79688042	+	3287	673.21	0	0.440092	0.118203	3.723186	0.000327	0.002962	1
ENSG0000 response	Inflamed	ZNF512B	protein_cc chr20	62588055	62680113	-	6018	721.926	0	-0.63821	0.171434	-3.72275	0.000328	0.002966	1
ENSG0000 response	Inflamed	RAB13	protein_cc chr1	1.54E+08	1.54E+08	-	2713	1852.153	0	-0.38722	0.104019	-3.72259	0.000328	0.002967	1
ENSG0000 response	Inflamed	CD99L2	protein_cc chrX	1.5E+08	1.5E+08	-	5732	1569.962	0	-0.42487	0.11416	-3.7217	0.000329	0.002975	1
ENSG0000 response	Inflamed	DECR2	protein_cc chr16	451826	462487	+	3947	960.5513	0	0.391883	0.105311	3.721211	0.000329	0.002978	1
ENSG0000 response	Inflamed	CPZ	protein_cc chr4	8594387	8621488	+	5562	32.70883	0.073986	-0.93242	0.25057	-3.72119	0.000329	0.002978	1
ENSG0000 response	Inflamed	CCBL1	protein_cc chr9	1.32E+08	1.32E+08	-	3602	123.4415	0	-0.38569	0.103652	-3.721	0.000329	0.002979	1
ENSG0000 response	Inflamed	MYCL	protein_cc chr1	40361098	40367928	-	5065	863.7112	0	0.447771	0.120358	3.720341	0.00033	0.002984	1
ENSG0000 response	Inflamed	ENPP7P11	pseudoger chr4	9678932	9679558	+	627	65.11933	0.02864	1.177121	0.316405	3.720304	0.00033	0.002984	1
ENSG0000 response	Inflamed	CDH11	protein_cc chr16	64977656	65160015	-	9920	1930.94	0	-0.76335	0.205201	-3.72	0.000331	0.002986	1
ENSG0000 response	Inflamed	PPT1	protein_cc chr1	40538379	40563375	-	3304	2280.064	0	-0.48044	0.129164	-3.71962	0.000331	0.002989	1
ENSG0000 response	Inflamed	ORAI1	protein_cc chr12	1.22E+08	1.22E+08	+	2263	995.1193	0	-0.34898	0.093832	-3.71925	0.000331	0.002992	1

ENSG0000 response	Inflamed	GLRA2	protein_cc chrX	14547420	14749934	+	3713	33.30549	0.188544	1.418325	0.381421	3.718532	0.000332	0.002998	1
ENSG0000 response	Inflamed	DNMBP-A5	antisense chr10	1.02E+08	1.02E+08	+	2336	37.42721	0.01432	0.737983	0.198469	3.718381	0.000333	0.002999	1
ENSG0000 response	Inflamed	PLCE1	protein_cc chr10	95753746	96092580	+	13282	2756.024	0	0.781247	0.210138	3.717786	0.000333	0.003003	1
ENSG0000 response	Inflamed	HLA-DOA	protein_cc chr6	32971955	32977389	-	4012	2056.351	0	-0.54498	0.14659	-3.71773	0.000333	0.003003	1
ENSG0000 response	Inflamed	KCNB2	protein_cc chr8	73449626	73850584	+	3582	4.883055	0.236277	0.647425	0.174147	3.717689	0.000333	0.003003	1
ENSG0000 response	Inflamed	RP11-384L	sense_intr chr3	32278180	32280070	-	1891	73.43675	0.004773	0.626622	0.16859	3.716827	0.000334	0.003011	1
ENSG0000 response	Inflamed	SLC25A5	protein_cc chrX	1.19E+08	1.19E+08	+	1500	17561.98	0	0.399786	0.107569	3.716568	0.000335	0.003011	1
ENSG0000 response	Inflamed	RP11-1149	lincRNA chr8	82066514	82076834	+	1136	8.164678	0.066826	-0.64414	0.173316	-3.71654	0.000335	0.003011	1
ENSG0000 response	Inflamed	RAB38	protein_cc chr11	87846410	87908635	-	1465	63.82339	0	-0.62145	0.167216	-3.71647	0.000335	0.003011	1
ENSG0000 response	Inflamed	RP11-8091	antisense chr11	73116342	73121727	+	344	9.28401	0.174224	-0.81353	0.218905	-3.71639	0.000335	0.003011	1
ENSG0000 response	Inflamed	EPHX4	protein_cc chr1	92495539	92529093	+	2251	28.05251	0.019093	-0.81604	0.219632	-3.71547	0.000336	0.00302	1
ENSG0000 response	Inflamed	FZD2	protein_cc chr17	42634925	42636907	+	1983	187.3389	0	-0.60265	0.16224	-3.71457	0.000337	0.003028	1
ENSG0000 response	Inflamed	FBN1	protein_cc chr15	48700503	48938046	-	16057	4076.678	0	-0.79292	0.213521	-3.71352	0.000338	0.003038	1
ENSG0000 response	Inflamed	SYTL2	protein_cc chr11	85405267	85522184	-	11248	3512.611	0	0.834622	0.224787	3.712944	0.000339	0.003043	1
ENSG0000 response	Inflamed	PLXNA1	protein_cc chr3	1.27E+08	1.27E+08	+	10944	3696.902	0	-0.53135	0.143109	-3.71287	0.000339	0.003043	1
ENSG0000 response	Inflamed	CALU	protein_cc chr7	1.28E+08	1.28E+08	+	4537	4321.033	0	-0.59149	0.159311	-3.71281	0.000339	0.003043	1
ENSG0000 response	Inflamed	TMEM8B	protein_cc chr9	35814448	35854844	+	5426	861.3126	0	0.45486	0.122526	3.712339	0.00034	0.003047	1
ENSG0000 response	Inflamed	CD5	protein_cc chr11	60869867	60895324	+	3221	677.0644	0	-0.63155	0.170136	-3.71202	0.00034	0.003049	1
ENSG0000 response	Inflamed	ABCC6P2	pseudoger chr16	14914649	14918563	-	1088	42.11456	0.011933	0.705639	0.190118	3.711584	0.00034	0.003053	1
ENSG0000 response	Inflamed	SPOCK2	protein_cc chr10	73818793	73848790	-	6572	3082.723	0	-0.76419	0.205986	-3.70993	0.000342	0.003069	1
ENSG0000 response	Inflamed	FAM184B	protein_cc chr4	17630929	17783135	-	6622	20.50597	0.26253	0.866832	0.233655	3.709876	0.000342	0.003069	1
ENSG0000 response	Inflamed	LTF	protein_cc chr3	46477136	46526724	-	4247	801.7924	0	-1.25882	0.339396	-3.70901	0.000343	0.003077	1
ENSG0000 response	Inflamed	STAT2	protein_cc chr12	56735381	56753939	-	6109	5523.337	0	-0.49715	0.134092	-3.70756	0.000345	0.003091	1
ENSG0000 response	Inflamed	C2orf27A	protein_cc chr2	1.32E+08	1.33E+08	+	2354	35.73747	0.02148	-0.61583	0.166116	-3.70723	0.000346	0.003094	1
ENSG0000 response	Inflamed	NBPF1	protein_cc chr1	16888814	16940057	-	12212	3064.723	0	0.618191	0.166794	3.706321	0.000347	0.003102	1
ENSG0000 response	Inflamed	IL22RA1	protein_cc chr1	24446261	24469611	-	2798	2502.317	0	0.813636	0.219537	3.706146	0.000347	0.003102	1
ENSG0000 response	Inflamed	MYCT1	protein_cc chr6	1.53E+08	1.53E+08	+	3030	135.0286	0	-0.70187	0.189381	-3.70615	0.000347	0.003102	1
ENSG0000 response	Inflamed	SH3RF3	protein_cc chr2	1.1E+08	1.1E+08	+	5801	745.5274	0	-0.51627	0.139307	-3.70603	0.000347	0.003102	1
ENSG0000 response	Inflamed	ENPP7P8	pseudoger chr11	71422786	71492229	+	1607	4.310263	0.319809	0.679924	0.183475	3.705816	0.000347	0.003104	1
ENSG0000 response	Inflamed	SHROOM3	protein_cc chr4	77356253	77704406	+	13159	9901.033	0	0.64342	0.173636	3.705573	0.000348	0.003104	1
ENSG0000 response	Inflamed	LINC0089C	lincRNA chrX	1.11E+08	1.11E+08	+	4758	10.68496	0.212411	-0.92803	0.250446	-3.70552	0.000348	0.003104	1
ENSG0000 response	Inflamed	ZCCHC24	protein_cc chr10	81142081	81205383	-	5051	1726.265	0	-0.66293	0.178905	-3.70552	0.000348	0.003104	1
ENSG0000 response	Inflamed	PAQR5	protein_cc chr15	69591286	69700119	+	6209	1667.924	0	0.711024	0.191897	3.705247	0.000348	0.003105	1
ENSG0000 response	Inflamed	SOX18	protein_cc chr20	62679076	62680994	-	1723	723.3771	0	-0.86276	0.232881	-3.70474	0.000349	0.003109	1
ENSG0000 response	Inflamed	ANKRD34E	protein_cc chr5	79852574	79866307	-	4024	2.646778	0.591885	-0.61487	0.165968	-3.70474	0.000349	0.003109	1
ENSG0000 response	Inflamed	SPRED3	protein_cc chr19	38879061	38886881	+	2518	17.58234	0.066826	-0.77687	0.209733	-3.70409	0.000349	0.003114	1
ENSG0000 response	Inflamed	ZP2	protein_cc chr16	21208773	21225831	-	3451	2.770883	0.534606	0.45278	0.122244	3.703907	0.00035	0.003114	1
ENSG0000 response	Inflamed	RP11-662I	antisense chr12	25102097	25113092	+	728	1.501193	0.778043	-0.66445	0.179397	-3.70381	0.00035	0.003114	1
ENSG0000 response	Inflamed	SEMA4G	protein_cc chr10	1.03E+08	1.03E+08	+	5253	6166.458	0	0.743043	0.200619	3.703758	0.00035	0.003114	1
ENSG0000 response	Inflamed	PKDCC	protein_cc chr2	42275160	42285668	+	3925	2307.37	0	0.53401	0.144183	3.703693	0.00035	0.003114	1

ENSG0000 response	Inflamed	EFNA3	protein_cc chr1	1.55E+08	1.55E+08	+	2098	303.5871	0	0.583639	0.157585	3.703648	0.00035	0.003114	1
ENSG0000 response	Inflamed	HEG1	protein_cc chr3	1.25E+08	1.25E+08	-	9925	3341.647	0	-0.7159	0.193302	-3.70354	0.00035	0.003114	1
ENSG0000 response	Inflamed	GUCA1A	protein_cc chr6	42123144	42147794	+	2317	1.138425	0.75179	-0.47778	0.129014	-3.70329	0.00035	0.003116	1
ENSG0000 response	Inflamed	ECM1	protein_cc chr1	1.5E+08	1.5E+08	+	3360	1966.866	0	-0.59187	0.159847	-3.70271	0.000351	0.003121	1
ENSG0000 response	Inflamed	LINC00839	lincRNA chr10	42970991	42990784	+	2337	56.57995	0.01432	-0.83825	0.226407	-3.70238	0.000351	0.003124	1
ENSG0000 response	Inflamed	NAAA	protein_cc chr4	76831809	76862204	-	5154	2428.831	0	0.510012	0.137764	3.702075	0.000352	0.003125	1
ENSG0000 response	Inflamed	DOLPP1	protein_cc chr9	1.32E+08	1.32E+08	+	2249	1551.854	0	0.348525	0.094144	3.70202	0.000352	0.003125	1
ENSG0000 response	Inflamed	IGF2BP2	protein_cc chr3	1.85E+08	1.86E+08	-	4735	1750.119	0	0.493167	0.133232	3.701575	0.000352	0.003129	1
ENSG0000 response	Inflamed	KRT222	protein_cc chr17	38785049	38821393	-	2502	1.443914	0.630072	-0.42502	0.114828	-3.70136	0.000353	0.00313	1
ENSG0000 response	Inflamed	PLA2G10	protein_cc chr16	14766405	14788526	-	1113	409.6874	0.004773	0.80414	0.217261	3.701254	0.000353	0.003131	1
ENSG0000 response	Inflamed	DUSP2	protein_cc chr2	96808905	96811179	-	1932	296.358	0	-0.76875	0.207727	-3.70076	0.000353	0.003135	1
ENSG0000 response	Inflamed	RP11-672L	lincRNA chr18	813275	813757	+	483	9.217184	0.059666	0.569907	0.154004	3.700591	0.000354	0.003136	1
ENSG0000 response	Inflamed	IGFBP3	protein_cc chr7	45951949	45961473	-	4466	3020.582	0	-0.57199	0.154574	-3.70044	0.000354	0.003136	1
ENSG0000 response	Inflamed	RP11-380I	antisense chr8	28107580	28196772	-	887	3.451074	0.319809	-0.62746	0.169573	-3.70022	0.000354	0.003136	1
ENSG0000 response	Inflamed	DDAH1	protein_cc chr1	85784164	86043933	-	5982	3939.172	0	0.52253	0.141218	3.700161	0.000354	0.003136	1
ENSG0000 response	Inflamed	FAM72B	protein_cc chr1	1.21E+08	1.21E+08	+	3012	38.14558	0.002387	-0.52454	0.141762	-3.70015	0.000354	0.003136	1
ENSG0000 response	Inflamed	LARGE	protein_cc chr22	33558212	34318829	-	10687	1897.072	0	0.384115	0.103813	3.700052	0.000354	0.003136	1
ENSG0000 response	Inflamed	C17orf49	protein_cc chr17	6917814	6920844	+	2628	260.6134	0	-0.30418	0.082234	-3.69894	0.000356	0.003147	1
ENSG0000 response	Inflamed	IMPDH1P1	pseudoger chr2	2.02E+08	2.02E+08	-	1542	11.68258	0.264916	0.902809	0.244094	3.69861	0.000356	0.00315	1
ENSG0000 response	Inflamed	SCGN	protein_cc chr6	25652464	25702011	+	1447	98.6969	0.011933	0.980067	0.265044	3.697747	0.000357	0.003157	1
ENSG0000 response	Inflamed	ABLIM3	protein_cc chr5	1.49E+08	1.49E+08	+	7216	749.0382	0	-0.56797	0.1536	-3.69772	0.000357	0.003157	1
ENSG0000 response	Inflamed	RP11-44F1	pseudoger chr16	53398894	53406995	-	4322	11.3222	0.147971	-0.77864	0.210583	-3.69753	0.000357	0.003158	1
ENSG0000 response	Inflamed	LY9	protein_cc chr1	1.61E+08	1.61E+08	+	9121	388.6301	0	-0.73638	0.199161	-3.69742	0.000358	0.003158	1
ENSG0000 response	Inflamed	AC079602	protein_cc chr12	1.21E+08	1.21E+08	-	2455	391.7327	0.009547	1.119835	0.302899	3.697062	0.000358	0.003161	1
ENSG0000 response	Inflamed	CATSPER1	protein_cc chr11	65784223	65793988	-	2687	9.988067	0.052506	-0.6398	0.173087	-3.69643	0.000359	0.003167	1
ENSG0000 response	Inflamed	AC121251	pseudoger chr3	23431152	23431400	-	249	4.73747	0.310263	-0.71147	0.192521	-3.69556	0.00036	0.003176	1
ENSG0000 response	Inflamed	LCK	protein_cc chr1	32716840	32751766	+	3337	916.7613	0	-0.56735	0.153531	-3.69536	0.00036	0.003177	1
ENSG0000 response	Inflamed	GIMAP4	protein_cc chr7	1.5E+08	1.5E+08	+	2191	805.864	0	-0.66242	0.179328	-3.69392	0.000362	0.003192	1
ENSG0000 response	Inflamed	RP11-107k	lincRNA chr18	24002959	24006065	+	900	1.040573	0.727924	-0.41491	0.112334	-3.69354	0.000362	0.003195	1
ENSG0000 response	Inflamed	WNT10B	protein_cc chr12	49359123	49365546	-	2629	66.47733	0.009547	-0.88117	0.238579	-3.69339	0.000363	0.003195	1
ENSG0000 response	Inflamed	TRPM5	protein_cc chr11	2425745	2444275	-	3962	170.463	0.01432	0.986318	0.267056	3.693304	0.000363	0.003195	1
ENSG0000 response	Inflamed	ZADH2	protein_cc chr18	72907063	72921303	-	8157	1859.379	0	0.421842	0.114247	3.692361	0.000364	0.003205	1
ENSG0000 response	Inflamed	RP11-627C	processed_chr11	1.34E+08	1.34E+08	+	8255	495.0692	0.00716	1.172462	0.317552	3.692187	0.000364	0.003205	1
ENSG0000 response	Inflamed	VENTX	protein_cc chr10	1.35E+08	1.35E+08	+	2911	56.39141	0.011933	-0.70501	0.19096	-3.6919	0.000364	0.003207	1
ENSG0000 response	Inflamed	GDPD5	protein_cc chr11	75145685	75236948	-	9867	389.0119	0	-0.55223	0.149593	-3.69153	0.000365	0.00321	1
ENSG0000 response	Inflamed	RP11-327F	antisense chr16	50774821	50776726	-	640	12.29117	0.095465	-0.70218	0.190216	-3.69147	0.000365	0.00321	1
ENSG0000 response	Inflamed	KIAA1522	protein_cc chr1	33207486	33240571	+	5965	15168.93	0	0.548991	0.14873	3.691203	0.000365	0.003212	1
ENSG0000 response	Inflamed	TLN2	protein_cc chr15	62682725	63136830	+	16202	3527.637	0	0.514376	0.139359	3.691005	0.000366	0.003213	1
ENSG0000 response	Inflamed	SHROOM1	protein_cc chr5	1.32E+08	1.32E+08	-	4329	2657.449	0	0.480211	0.130116	3.690644	0.000366	0.003216	1
ENSG0000 response	Inflamed	ICAM5	protein_cc chr19	10400657	10407454	+	3906	47.2315	0.016706	-0.68912	0.186724	-3.69056	0.000366	0.003216	1

ENSG0000 response	Inflamed	CAMSAP3	protein_cc chr19	7660788	7683190	+	4845	2756.652	0	0.636728	0.172555	3.689996	0.000367	0.003221	1
ENSG0000 response	Inflamed	PABPN1L	protein_cc chr16	88928034	88933068	-	1387	1.890215	0.568019	-0.4856	0.13162	-3.68943	0.000368	0.003226	1
ENSG0000 response	Inflamed	MKRN1	protein_cc chr7	1.4E+08	1.4E+08	-	5869	6197.358	0	0.377346	0.102298	3.688694	0.000368	0.003233	1
ENSG0000 response	Inflamed	GPRC5C	protein_cc chr17	72420990	72447792	+	8005	2406.27	0	0.461407	0.125129	3.687458	0.00037	0.003245	1
ENSG0000 response	Inflamed	ADCY1	protein_cc chr7	45613739	45762715	+	13530	220.1623	0.004773	-0.77	0.208816	-3.68744	0.00037	0.003245	1
ENSG0000 response	Inflamed	SLC16A11	protein_cc chr17	6944949	6947242	-	2041	22.64916	0	0.558203	0.151386	3.687274	0.00037	0.003245	1
ENSG0000 response	Inflamed	NOS3	protein_cc chr7	1.51E+08	1.51E+08	+	5953	825.685	0	-0.84045	0.227935	-3.68723	0.00037	0.003245	1
ENSG0000 response	Inflamed	C16orf96	protein_cc chr16	4606491	4650715	+	3823	6.928401	0.097852	-0.55608	0.15082	-3.68704	0.000371	0.003246	1
ENSG0000 response	Inflamed	KIRREL	protein_cc chr1	1.58E+08	1.58E+08	+	7872	2254.928	0	-0.68083	0.184665	-3.68686	0.000371	0.003246	1
ENSG0000 response	Inflamed	C19orf10	protein_cc chr19	4641386	4670382	-	1678	3125.907	0	-0.35104	0.095215	-3.68685	0.000371	0.003246	1
ENSG0000 response	Inflamed	SLC44A3	protein_cc chr1	95285898	95360802	+	2869	1631.764	0	0.536105	0.14542	3.686585	0.000371	0.003248	1
ENSG0000 response	Inflamed	KCNK13	protein_cc chr14	90528109	90652201	+	2522	80.51074	0.004773	-0.50488	0.136967	-3.68614	0.000372	0.003252	1
ENSG0000 response	Inflamed	AMACR	protein_cc chr5	33986283	34008220	-	4845	264.0501	0	0.573237	0.155516	3.686028	0.000372	0.003252	1
ENSG0000 response	Inflamed	LYVE1	protein_cc chr11	10578513	10633236	-	3515	263.642	0.002387	-0.95634	0.259458	-3.68592	0.000372	0.003252	1
ENSG0000 response	Inflamed	EFEMP2	protein_cc chr11	65633912	65641063	-	5397	1376.797	0	-0.59393	0.161137	-3.68584	0.000372	0.003252	1
ENSG0000 response	Inflamed	AKR7L	polymorpt chr1	19592476	19600688	-	2768	275.0048	0	0.815069	0.221149	3.685615	0.000372	0.003254	1
ENSG0000 response	Inflamed	RHOU	protein_cc chr1	2.29E+08	2.29E+08	+	4372	1569.408	0	0.764502	0.207473	3.684833	0.000373	0.003261	1
ENSG0000 response	Inflamed	TSPAN9	protein_cc chr12	3186521	3395730	+	5714	1525.334	0	-0.57346	0.155626	-3.68483	0.000373	0.003261	1
ENSG0000 response	Inflamed	HSPA8P4	pseudoger chr5	1.29E+08	1.29E+08	+	1920	2.054893	0.505967	-0.45297	0.122944	-3.68436	0.000374	0.003265	1
ENSG0000 response	Inflamed	IKBKE	protein_cc chr1	2.07E+08	2.07E+08	+	3568	1316.012	0	-0.285	0.077377	-3.6833	0.000375	0.003276	1
ENSG0000 response	Inflamed	GAP43	protein_cc chr3	1.15E+08	1.15E+08	+	2087	19.66826	0.114558	-1.16004	0.31502	-3.68245	0.000377	0.003284	1
ENSG0000 response	Inflamed	COL4A4	protein_cc chr2	2.28E+08	2.28E+08	-	9895	342.2387	0	-0.89859	0.244033	-3.68225	0.000377	0.003285	1
ENSG0000 response	Inflamed	MIR4420	miRNA chr1	31212003	31212079	-	77	0.842482	0.78043	-0.37476	0.101786	-3.6818	0.000377	0.003289	1
ENSG0000 response	Inflamed	RP11-440C	lincRNA chr9	94188520	94189426	+	474	1.689737	0.594272	-0.41651	0.113133	-3.6816	0.000378	0.00329	1
ENSG0000 response	Inflamed	PGLYRP3	protein_cc chr1	1.53E+08	1.53E+08	-	1173	6.875895	0.46778	-0.9548	0.259345	-3.68158	0.000378	0.00329	1
ENSG0000 response	Inflamed	IGLON5	protein_cc chr19	51815102	51833608	+	2606	11.98329	0.164678	-0.77848	0.211465	-3.68135	0.000378	0.003291	1
ENSG0000 response	Inflamed	JAZF1	protein_cc chr7	27870192	28220362	-	4020	349.5728	0	-0.575	0.156214	-3.68086	0.000379	0.003296	1
ENSG0000 response	Inflamed	OVOL3	protein_cc chr19	36602104	36604613	+	879	3.673031	0.563246	-0.74347	0.202007	-3.68041	0.000379	0.0033	1
ENSG0000 response	Inflamed	SPRN	protein_cc chr10	1.35E+08	1.35E+08	-	3269	7.813842	0.133652	-0.6785	0.184374	-3.68001	0.00038	0.003303	1
ENSG0000 response	Inflamed	AC093415	processed_chr3	37786923	37903271	-	6017	67.19809	0	0.507882	0.138029	3.679532	0.00038	0.003307	1
ENSG0000 response	Inflamed	RPLPOP2	pseudoger chr11	61382508	61406921	+	3909	52.94272	0.02148	-1.19307	0.324258	-3.6794	0.00038	0.003308	1
ENSG0000 response	Inflamed	SH3BGRL2	protein_cc chr6	80341000	80413372	+	4649	4317.396	0	0.804792	0.218757	3.678924	0.000381	0.003312	1
ENSG0000 response	Inflamed	CLEC4C	protein_cc chr12	7882011	7904201	-	1551	5.539379	0.357995	-0.70684	0.192145	-3.67868	0.000381	0.003314	1
ENSG0000 response	Inflamed	DEPTOR	protein_cc chr8	1.21E+08	1.21E+08	+	2622	352.3461	0	0.577445	0.157009	3.677777	0.000383	0.003322	1
ENSG0000 response	Inflamed	RBM47	protein_cc chr4	40425272	40632892	-	8558	10038.35	0	0.542306	0.147456	3.677733	0.000383	0.003322	1
ENSG0000 response	Inflamed	SLC4A8	protein_cc chr12	51785101	51902980	+	11415	75.30788	0.00716	-0.72647	0.197541	-3.67755	0.000383	0.003322	1
ENSG0000 response	Inflamed	FANCG	protein_cc chr9	35073832	35080013	-	3614	678.5155	0	-0.29157	0.079285	-3.67754	0.000383	0.003322	1
ENSG0000 response	Inflamed	RP11-654C	lincRNA chr12	90276442	90383066	+	682	2.513126	0.553699	0.511106	0.138982	3.677498	0.000383	0.003322	1
ENSG0000 response	Inflamed	LOXL4	protein_cc chr10	1E+08	1E+08	-	3653	178.7757	0	-0.65537	0.178238	-3.67692	0.000384	0.003327	1
ENSG0000 response	Inflamed	TNFRSF17	protein_cc chr16	12058964	12061925	+	1118	458.7064	0	-0.85769	0.233272	-3.67679	0.000384	0.003328	1

ENSG0000 response	Inflamed	AC007255 antisense	chr7	29553841	29603286	-	1440	103.3962	0.00716	0.793453	0.215805	3.676715	0.000384	0.003328	1
ENSG0000 response	Inflamed	SIGLEC22P pseudoger	chr19	51714336	51715344	+	744	6.608592	0.102625	-0.51623	0.140462	-3.67525	0.000386	0.003343	1
ENSG0000 response	Inflamed	MT1F protein_cc	chr16	56691606	56694610	+	1889	546.494	0	0.823056	0.22395	3.675175	0.000386	0.003343	1
ENSG0000 response	Inflamed	PDCD1LG2 protein_cc	chr9	5510545	5571282	+	2418	125.1193	0.002387	-0.76096	0.207059	-3.67509	0.000386	0.003343	1
ENSG0000 response	Inflamed	BST2 protein_cc	chr19	17513748	17516457	-	1119	1592.995	0	-0.61014	0.166027	-3.67497	0.000386	0.003343	1
ENSG0000 response	Inflamed	RP11-465E lincRNA	chr1	1104737	1105723	+	987	898.642	0	0.844127	0.229721	3.674574	0.000387	0.003347	1
ENSG0000 response	Inflamed	TAPBPL protein_cc	chr12	6560856	6575683	+	3188	2992.63	0	-0.31484	0.085704	-3.67355	0.000388	0.003357	1
ENSG0000 response	Inflamed	RP11-1151 antisense	chr18	56202647	56205784	+	2553	11.7852	0.069212	0.618528	0.168422	3.672481	0.00039	0.003369	1
ENSG0000 response	Inflamed	DUOX2 protein_cc	chr15	45384848	45406542	-	9834	52840.97	0	-1.5142	0.412426	-3.67145	0.000391	0.00338	1
ENSG0000 response	Inflamed	KB-1507C5 lincRNA	chr8	1.04E+08	1.04E+08	+	563	18.70644	0.105012	-1.00808	0.274584	-3.67129	0.000391	0.00338	1
ENSG0000 response	Inflamed	AC083949 antisense	chr2	42370378	42397441	-	947	10.81623	0.076372	-0.68712	0.187171	-3.6711	0.000392	0.003381	1
ENSG0000 response	Inflamed	MAGED4B protein_cc	chrX	51804923	51812368	-	4971	2.768496	0.379475	-0.49627	0.135186	-3.67103	0.000392	0.003381	1
ENSG0000 response	Inflamed	IL34 protein_cc	chr16	70613798	70694585	+	2233	404.1766	0	-0.63474	0.17294	-3.67031	0.000393	0.003388	1
ENSG0000 response	Inflamed	ITGB2-AS1 antisense	chr21	46340966	46349593	+	2438	298.1265	0	-0.95815	0.261096	-3.66973	0.000393	0.003394	1
ENSG0000 response	Inflamed	C1orf106 protein_cc	chr1	2.01E+08	2.01E+08	+	5413	6366.816	0	0.746673	0.203524	3.668719	0.000395	0.003404	1
ENSG0000 response	Inflamed	CLDN8 protein_cc	chr21	31586324	31588391	-	2068	198.4177	0.408115	1.796021	0.489557	3.668665	0.000395	0.003404	1
ENSG0000 response	Inflamed	IGLVI-70 IG_V_pseu	chr22	22380474	22380991	+	390	215.6516	0.02148	-1.15908	0.315963	-3.6684	0.000395	0.003406	1
ENSG0000 response	Inflamed	EMX1 protein_cc	chr2	73143389	73162020	+	3721	12.63962	0.210024	0.80346	0.219086	3.66732	0.000397	0.003418	1
ENSG0000 response	Inflamed	PIK3AP1 protein_cc	chr10	98353069	98480271	-	5691	1655.585	0	-0.60432	0.164805	-3.6669	0.000397	0.003421	1
ENSG0000 response	Inflamed	SP110 protein_cc	chr2	2.31E+08	2.31E+08	-	6865	1155.749	0	-0.47251	0.12886	-3.66685	0.000397	0.003421	1
ENSG0000 response	Inflamed	AC104809 processed	chr2	2.42E+08	2.42E+08	-	2656	19.00239	0.126492	-1.00513	0.274126	-3.66668	0.000398	0.003422	1
ENSG0000 response	Inflamed	CNKSR2 protein_cc	chrX	21392536	21672813	+	7160	15.31742	0.076372	-0.82871	0.226022	-3.6665	0.000398	0.003422	1
ENSG0000 response	Inflamed	RP11-326C antisense	chr11	318640	325631	+	1887	22.93795	0.016706	-0.61889	0.168798	-3.66648	0.000398	0.003422	1
ENSG0000 response	Inflamed	F2R protein_cc	chr5	76011868	76031606	+	4066	1654.344	0	-0.65857	0.179697	-3.66486	0.0004	0.00344	1
ENSG0000 response	Inflamed	PIGZ protein_cc	chr3	1.97E+08	1.97E+08	-	3211	2712.305	0	0.821502	0.224197	3.664196	0.000401	0.003447	1
ENSG0000 response	Inflamed	RP11-148C lincRNA	chr8	11409997	11410500	-	504	2.78043	0.584726	-0.58611	0.159978	-3.6637	0.000402	0.003452	1
ENSG0000 response	Inflamed	KLF1 protein_cc	chr19	12995237	12997995	-	1592	3.260143	0.286396	-0.51747	0.14128	-3.66271	0.000403	0.003462	1
ENSG0000 response	Inflamed	SNPH protein_cc	chr20	1246960	1289972	+	5572	654.3604	0	-0.79791	0.217857	-3.66256	0.000403	0.003462	1
ENSG0000 response	Inflamed	MAP3K12 protein_cc	chr12	53874274	53893847	-	7150	628.7494	0	-0.59708	0.163022	-3.66254	0.000403	0.003462	1
ENSG0000 response	Inflamed	PDE4B protein_cc	chr1	66258197	66840259	+	8641	1142.138	0	-0.9471	0.258694	-3.6611	0.000405	0.003478	1
ENSG0000 response	Inflamed	AFG3L2 protein_cc	chr18	12328943	12377313	-	6624	3582.146	0	0.425189	0.116139	3.661028	0.000405	0.003478	1
ENSG0000 response	Inflamed	CD52 protein_cc	chr1	26644448	26647014	+	935	824.2243	0	-0.74601	0.203799	-3.66053	0.000406	0.003483	1
ENSG0000 response	Inflamed	LGALS1 protein_cc	chr2	64681103	64688515	+	4003	1109.031	0	0.535941	0.146426	3.660154	0.000407	0.003486	1
ENSG0000 response	Inflamed	RP11-434F antisense	chr2	1.44E+08	1.44E+08	-	884	3.668258	0.477327	0.646763	0.17681	3.65795	0.00041	0.003511	1
ENSG0000 response	Inflamed	PDK2 protein_cc	chr17	48172101	48189516	+	5481	1912.814	0	0.455599	0.124556	3.657799	0.00041	0.003512	1
ENSG0000 response	Inflamed	INPP5D protein_cc	chr2	2.34E+08	2.34E+08	+	6998	3076.222	0	-0.52549	0.143693	-3.65703	0.000411	0.00352	1
ENSG0000 response	Inflamed	TOM1L1 protein_cc	chr17	52976748	53039310	+	7268	980.4797	0	0.554452	0.151639	3.656399	0.000412	0.003525	1
ENSG0000 response	Inflamed	RP11-157F antisense	chr20	60928051	60931536	+	843	2.350835	0.508353	-0.5574	0.152445	-3.65637	0.000412	0.003525	1
ENSG0000 response	Inflamed	ABCC9 protein_cc	chr12	21950335	22094336	-	11421	113.7613	0.016706	-0.998	0.272952	-3.65631	0.000412	0.003525	1
ENSG0000 response	Inflamed	FILIP1 protein_cc	chr6	76001575	76203454	-	8906	55.7494	0.01432	-0.7559	0.206744	-3.65621	0.000412	0.003525	1

ENSG0000 response	Inflamed	ZNF503-A5	lincRNA	chr10	77029577	77133258	+	3272	101.0621	0	0.697925	0.190914	3.655693	0.000413	0.00353	1
ENSG0000 response	Inflamed	EPHA10	protein_cc	chr1	38179552	38230805	-	8151	2448.53	0	0.799192	0.218638	3.655315	0.000413	0.003534	1
ENSG0000 response	Inflamed	RP11-629C	lincRNA	chr8	1.35E+08	1.35E+08	+	679	15.26253	0.038186	-0.62611	0.171293	-3.65517	0.000414	0.003534	1
ENSG0000 response	Inflamed	TRMT112	protein_cc	chr11	64083932	64085556	-	1625	1296.881	0	-0.39302	0.107534	-3.65483	0.000414	0.003537	1
ENSG0000 response	Inflamed	IL22RA2	protein_cc	chr6	1.37E+08	1.37E+08	-	2886	22.19093	0.131265	-0.86224	0.235946	-3.65439	0.000415	0.003542	1
ENSG0000 response	Inflamed	TESK2	protein_cc	chr1	45809555	45956872	-	3460	541.4821	0	0.311596	0.08527	3.654249	0.000415	0.003542	1
ENSG0000 response	Inflamed	RP11-439C	lincRNA	chr8	1922984	1923480	+	497	13.65394	0.062053	0.668905	0.183052	3.654179	0.000415	0.003542	1
ENSG0000 response	Inflamed	CDX2	protein_cc	chr13	28536274	28545276	-	4122	8350.8	0	1.067227	0.292088	3.65379	0.000416	0.003545	1
ENSG0000 response	Inflamed	RP5-1033t	antisense	chr1	94057756	94071130	+	1954	279.5418	0.004773	0.715246	0.195773	3.653435	0.000416	0.003549	1
ENSG0000 response	Inflamed	RP11-770C	antisense	chr11	65556522	65558339	-	685	2.704057	0.429594	0.4814	0.13177	3.653325	0.000416	0.003549	1
ENSG0000 response	Inflamed	ESAM	protein_cc	chr11	1.25E+08	1.25E+08	-	3373	1181.325	0	-0.56386	0.154349	-3.65314	0.000416	0.00355	1
ENSG0000 response	Inflamed	RP11-231E	lincRNA	chr3	1.12E+08	1.12E+08	-	1563	17.32458	0.069212	0.810494	0.221871	3.653	0.000417	0.00355	1
ENSG0000 response	Inflamed	COX5A	protein_cc	chr15	75212132	75230509	-	1411	8392.408	0	0.345581	0.094622	3.652212	0.000418	0.003559	1
ENSG0000 response	Inflamed	PXDNL	protein_cc	chr8	52232138	52722005	-	5238	11.37232	0.073986	-0.77564	0.212412	-3.65159	0.000419	0.003565	1
ENSG0000 response	Inflamed	AC226118	lincRNA	chr7	419325	422678	+	2146	7.169451	0.21957	0.682268	0.186886	3.65071	0.00042	0.003575	1
ENSG0000 response	Inflamed	IGKV1D-42	IG_V_gene	chr2	90229045	90229531	+	371	3.5179	0.501193	-0.64948	0.177908	-3.65064	0.00042	0.003575	1
ENSG0000 response	Inflamed	SLC13A5	protein_cc	chr17	6588032	6616886	-	8982	5.606205	0.591885	-1.03008	0.282171	-3.65056	0.00042	0.003575	1
ENSG0000 response	Inflamed	RP11-106C	pseudoger	chr12	27855271	27855839	+	569	9.093079	0.190931	0.837282	0.229375	3.650275	0.000421	0.003576	1
ENSG0000 response	Inflamed	KDEL1	protein_cc	chr13	1.03E+08	1.03E+08	-	2367	105.8831	0.002387	-0.51819	0.14196	-3.65025	0.000421	0.003576	1
ENSG0000 response	Inflamed	LINC00589	lincRNA	chr8	29531438	29605625	-	2074	8.48926	0.105012	0.704002	0.19287	3.650141	0.000421	0.003576	1
ENSG0000 response	Inflamed	AOC1	protein_cc	chr7	1.51E+08	1.51E+08	+	3824	24254.15	0	0.831304	0.227755	3.649989	0.000421	0.003577	1
ENSG0000 response	Inflamed	SHCBP1	protein_cc	chr16	46614466	46655538	-	4459	225.9594	0	-0.70346	0.192733	-3.64992	0.000421	0.003577	1
ENSG0000 response	Inflamed	AC005264	antisense	chr19	3141574	3155173	-	2319	1.673031	0.656325	-0.56697	0.155344	-3.64976	0.000421	0.003577	1
ENSG0000 response	Inflamed	PHEX	protein_cc	chrX	22050559	22269427	+	7132	20.10024	0.052506	-0.67999	0.186353	-3.64892	0.000423	0.003587	1
ENSG0000 response	Inflamed	MBOAT2	protein_cc	chr2	8992820	9143942	-	8798	1329.554	0	0.597749	0.163845	3.648263	0.000423	0.003593	1
ENSG0000 response	Inflamed	DCAF11	protein_cc	chr14	24583404	24594451	+	6350	4773.403	0	0.257075	0.070467	3.648181	0.000424	0.003593	1
ENSG0000 response	Inflamed	MYBL2	protein_cc	chr20	42295754	42345136	+	2682	1627.647	0	-0.46292	0.126913	-3.64755	0.000424	0.0036	1
ENSG0000 response	Inflamed	C5AR2	protein_cc	chr19	47835404	47846606	+	2826	133.1885	0.002387	-0.84315	0.231183	-3.6471	0.000425	0.003604	1
ENSG0000 response	Inflamed	MBOAT4	protein_cc	chr8	29989340	30002202	-	1512	2.801909	0.431981	0.52881	0.145032	3.646166	0.000427	0.003615	1
ENSG0000 response	Inflamed	SMIM14	protein_cc	chr4	39547950	39640710	-	6721	3891.99	0	0.551027	0.151154	3.645476	0.000428	0.003622	1
ENSG0000 response	Inflamed	MAPRE3	protein_cc	chr2	27193480	27250064	+	3459	1123.933	0	0.448263	0.122968	3.645359	0.000428	0.003622	1
ENSG0000 response	Inflamed	DPYSL3	protein_cc	chr5	1.47E+08	1.47E+08	-	7164	3541.654	0	-0.80308	0.220313	-3.64517	0.000428	0.003624	1
ENSG0000 response	Inflamed	APOE	protein_cc	chr19	45409011	45412650	+	2191	6253.969	0	-0.57867	0.15876	-3.64495	0.000428	0.003625	1
ENSG0000 response	Inflamed	ST14	protein_cc	chr11	1.3E+08	1.3E+08	+	4350	32596.89	0	0.577368	0.158406	3.644854	0.000428	0.003625	1
ENSG0000 response	Inflamed	PDE9A	protein_cc	chr21	44073746	44195619	+	5266	2389.862	0	0.83735	0.229757	3.644497	0.000429	0.003628	1
ENSG0000 response	Inflamed	TMEM38B	protein_cc	chr9	1.08E+08	1.09E+08	+	4511	271.1384	0	0.407616	0.111862	3.643916	0.00043	0.003634	1
ENSG0000 response	Inflamed	C1orf172	protein_cc	chr1	27276053	27286897	-	1793	798.5322	0.002387	0.702356	0.192813	3.642688	0.000432	0.003649	1
ENSG0000 response	Inflamed	ZSWIM4	protein_cc	chr19	13906274	13943044	+	4713	567.2315	0	-0.69984	0.192135	-3.64242	0.000432	0.00365	1
ENSG0000 response	Inflamed	GCA	protein_cc	chr2	1.63E+08	1.63E+08	+	3664	821.2243	0	-0.67792	0.18612	-3.64236	0.000432	0.00365	1
ENSG0000 response	Inflamed	AC093732	antisense	chr2	47262418	47267663	-	504	1.570406	0.694511	0.496978	0.136458	3.641992	0.000433	0.003654	1

ENSG0000 response	Inflamed	ZBTB7B	protein_cc chr1	1.55E+08	1.55E+08	+	4243	10001.71	0	0.387021	0.106273	3.641746	0.000433	0.003656	1
ENSG0000 response	Inflamed	ZFAND2B	protein_cc chr2	2.2E+08	2.2E+08	+	3396	1356.561	0	0.247848	0.068069	3.641138	0.000434	0.003662	1
ENSG0000 response	Inflamed	GPANK1	protein_cc chr6	31629006	31634060	-	3528	617.3413	0	-0.24711	0.067867	-3.64105	0.000434	0.003662	1
ENSG0000 response	Inflamed	NRG2	protein_cc chr5	1.39E+08	1.39E+08	-	4544	30.36754	0.019093	-0.81583	0.224122	-3.64014	0.000435	0.003672	1
ENSG0000 response	Inflamed	IL17F	protein_cc chr6	52101479	52109335	-	1067	9.959427	0.343675	-0.89508	0.24594	-3.63941	0.000436	0.00368	1
ENSG0000 response	Inflamed	EBF4	protein_cc chr20	2673524	2740753	+	3716	397.9451	0	-0.53998	0.148377	-3.63921	0.000437	0.003682	1
ENSG0000 response	Inflamed	COL6A1	protein_cc chr21	47401651	47424964	+	5340	23467.69	0	-0.76684	0.210743	-3.63873	0.000438	0.003687	1
ENSG0000 response	Inflamed	D87007.1	miRNA chr22	23077063	23077157	+	95	260.2816	0.004773	-1.09247	0.300242	-3.63862	0.000438	0.003687	1
ENSG0000 response	Inflamed	EGFL7	protein_cc chr9	1.4E+08	1.4E+08	+	2555	804.4893	0	-0.62901	0.172882	-3.63837	0.000438	0.003689	1
ENSG0000 response	Inflamed	KPTN	protein_cc chr19	47978401	47987525	-	2124	215.8759	0	-0.25071	0.068917	-3.63779	0.000439	0.003695	1
ENSG0000 response	Inflamed	LINC00668	lincRNA chr18	6919495	6929965	-	4866	1955.186	0.00716	1.306057	0.359045	3.63759	0.000439	0.003696	1
ENSG0000 response	Inflamed	NINJ2	protein_cc chr12	673462	772945	-	2048	163.0788	0	-0.47135	0.129582	-3.63749	0.000439	0.003696	1
ENSG0000 response	Inflamed	RP11-181E	lincRNA chr2	1.12E+08	1.12E+08	-	1482	5.157518	0.362768	-0.70924	0.195023	-3.63671	0.000441	0.003704	1
ENSG0000 response	Inflamed	KIAA1239	protein_cc chr4	37245842	37451087	+	8325	28.64678	0.138425	1.107704	0.30459	3.636708	0.000441	0.003704	1
ENSG0000 response	Inflamed	CTD-2033I	antisense chr15	39885781	39886432	-	281	7.589499	0.315036	0.89345	0.245686	3.636558	0.000441	0.003705	1
ENSG0000 response	Inflamed	TXNDC2	protein_cc chr18	9885763	9889272	+	3352	2.026253	0.513126	-0.46995	0.129239	-3.63631	0.000441	0.003706	1
ENSG0000 response	Inflamed	CTSC	protein_cc chr11	88026760	88070955	-	11421	7865.368	0	-0.39465	0.108539	-3.63603	0.000442	0.003709	1
ENSG0000 response	Inflamed	RP11-363I	antisense chr2	97193677	97198043	-	440	1.360382	0.680191	-0.41907	0.115259	-3.63587	0.000442	0.003709	1
ENSG0000 response	Inflamed	ATP5G3	protein_cc chr2	1.76E+08	1.76E+08	-	6780	6401.482	0	0.380437	0.104636	3.635799	0.000442	0.003709	1
ENSG0000 response	Inflamed	SEC14L6	protein_cc chr22	30918786	30942669	-	3392	18.61814	0.02148	-0.5863	0.161261	-3.63573	0.000442	0.003709	1
ENSG0000 response	Inflamed	NPY1R	protein_cc chr4	1.64E+08	1.64E+08	-	4180	113.1074	0.00716	0.980132	0.269622	3.635209	0.000443	0.003715	1
ENSG0000 response	Inflamed	FBXO16	protein_cc chr8	28205804	28347835	-	3972	67.22912	0	-0.56192	0.154642	-3.6337	0.000445	0.003733	1
ENSG0000 response	Inflamed	KIAA1045	protein_cc chr9	34957484	34982541	+	5934	37.18616	0.040573	-1.03067	0.283704	-3.6329	0.000446	0.003742	1
ENSG0000 response	Inflamed	ENTPD6	protein_cc chr20	25176329	25207365	+	5327	7179.243	0	0.311627	0.085789	3.632491	0.000447	0.003746	1
ENSG0000 response	Inflamed	MURC	protein_cc chr9	1.03E+08	1.03E+08	+	2615	8.357995	0.136038	-0.69877	0.192429	-3.63132	0.000449	0.003759	1
ENSG0000 response	Inflamed	ATP13A4	protein_cc chr3	1.93E+08	1.93E+08	-	6013	153.5704	0.00716	0.983277	0.27079	3.631146	0.000449	0.00376	1
ENSG0000 response	Inflamed	DNAJB9	protein_cc chr7	1.08E+08	1.08E+08	+	2837	1327.58	0	-0.64325	0.177154	-3.63102	0.000449	0.003761	1
ENSG0000 response	Inflamed	IGKV2OR2	IG_V_pseu chr22	17395125	17395871	-	367	21.46539	0.078759	-0.9912	0.273013	-3.63061	0.00045	0.003764	1
ENSG0000 response	Inflamed	RP11-563I	sense_intr chr10	50086067	50086694	+	273	1.221957	0.718377	-0.39793	0.109604	-3.63057	0.00045	0.003764	1
ENSG0000 response	Inflamed	SACS	protein_cc chr13	23902965	24007841	-	15880	250.7327	0	-0.82562	0.227422	-3.63034	0.00045	0.003766	1
ENSG0000 response	Inflamed	LINGO1	protein_cc chr15	77905369	78113242	-	4902	146.2983	0.002387	-0.83883	0.231079	-3.63004	0.000451	0.003768	1
ENSG0000 response	Inflamed	FAIM3	protein_cc chr1	2.07E+08	2.07E+08	-	2348	956.6635	0	-0.7437	0.204874	-3.63002	0.000451	0.003768	1
ENSG0000 response	Inflamed	MAP2K1	protein_cc chr15	66679155	66784650	+	3759	2141.22	0	-0.32795	0.090364	-3.62921	0.000452	0.003777	1
ENSG0000 response	Inflamed	LINC00987	lincRNA chr12	9392599	9395635	+	2459	54.19093	0	-0.6363	0.175332	-3.62913	0.000452	0.003777	1
ENSG0000 response	Inflamed	SNAI3-AS1	antisense chr16	88729706	88753594	+	5037	67.82578	0	-0.42973	0.118412	-3.62906	0.000452	0.003777	1
ENSG0000 response	Inflamed	ILVBL	protein_cc chr19	15225795	15236596	-	5615	3424.095	0	0.303335	0.083589	3.628907	0.000452	0.003777	1
ENSG0000 response	Inflamed	SPARC	protein_cc chr5	1.51E+08	1.51E+08	-	4831	22410	0	-0.74107	0.204266	-3.62799	0.000454	0.003787	1
ENSG0000 response	Inflamed	RIPK2	protein_cc chr8	90769975	90803291	+	3117	421.5967	0	-0.50959	0.140461	-3.62796	0.000454	0.003787	1
ENSG0000 response	Inflamed	IGHV2-70	IG_V_gene chr14	1.07E+08	1.07E+08	-	433	4440.604	0.009547	-1.29735	0.357632	-3.6276	0.000454	0.003791	1
ENSG0000 response	Inflamed	UCN3	protein_cc chr10	5406972	5416169	+	714	84.84248	0.019093	1.053235	0.290346	3.627512	0.000455	0.003791	1

ENSG0000 response	Inflamed	CYBB	protein_cc chrX	37639264	37672714	+	4423	2415.076	0	-0.72746	0.200582	-3.62674	0.000456	0.003799	1
ENSG0000 response	Inflamed	RP11-54A9	lincRNA chr12	76653619	76698911	+	1201	1.854415	0.677804	-0.66708	0.18394	-3.62661	0.000456	0.0038	1
ENSG0000 response	Inflamed	C5orf52	protein_cc chr5	1.57E+08	1.57E+08	+	686	47.47494	0.011933	0.558423	0.153992	3.626322	0.000456	0.003802	1
ENSG0000 response	Inflamed	ATP8B1	protein_cc chr18	55313658	55470333	-	6652	12863.99	0	0.772448	0.213024	3.626107	0.000457	0.003804	1
ENSG0000 response	Inflamed	TCL1A	protein_cc chr14	96176304	96180533	-	2236	197.2243	0.140811	-1.69412	0.467292	-3.62539	0.000458	0.003812	1
ENSG0000 response	Inflamed	NLGN2	protein_cc chr17	7308193	7323179	+	5550	1109.792	0	-0.72669	0.20051	-3.62422	0.00046	0.003826	1
ENSG0000 response	Inflamed	HLA-DRB1	protein_cc chr6	32546546	32557625	-	1229	9992.487	0	-0.50762	0.140108	-3.62307	0.000462	0.00384	1
ENSG0000 response	Inflamed	RP11-431J	antisense chrX	16171064	16188992	-	1219	3.212411	0.637232	0.545961	0.150703	3.62277	0.000462	0.003843	1
ENSG0000 response	Inflamed	RP5-1148A	antisense chr6	64280910	64282313	-	1404	127.3222	0	0.585084	0.161549	3.621708	0.000464	0.003855	1
ENSG0000 response	Inflamed	CTD-3023J	lincRNA chr19	47849965	47850584	+	620	2.100239	0.565632	-0.55508	0.153287	-3.62117	0.000465	0.003861	1
ENSG0000 response	Inflamed	HSPB8	protein_cc chr12	1.2E+08	1.2E+08	+	2858	357.2243	0.002387	-0.92452	0.255355	-3.62053	0.000466	0.003868	1
ENSG0000 response	Inflamed	RP11-728F	antisense chr11	1.18E+08	1.18E+08	+	1464	15.64678	0.047733	0.587044	0.16215	3.620383	0.000466	0.003869	1
ENSG0000 response	Inflamed	ITM2C	protein_cc chr2	2.32E+08	2.32E+08	+	2611	59703.79	0	0.524782	0.144954	3.620328	0.000466	0.003869	1
ENSG0000 response	Inflamed	SH3RF1	protein_cc chr4	1.7E+08	1.7E+08	-	5624	2323.993	0	0.559416	0.154545	3.619756	0.000467	0.003875	1
ENSG0000 response	Inflamed	CIB2	protein_cc chr15	78396948	78423886	-	2146	459.1933	0	0.44492	0.12292	3.619588	0.000467	0.003876	1
ENSG0000 response	Inflamed	ENPP7P4	pseudoger chr3	1.26E+08	1.26E+08	+	1086	7.799523	0.167064	0.776978	0.214664	3.619513	0.000467	0.003876	1
ENSG0000 response	Inflamed	NTPCR	protein_cc chr1	2.33E+08	2.33E+08	+	15854	1093.649	0	0.252058	0.069656	3.618592	0.000469	0.003886	1
ENSG0000 response	Inflamed	LINC00319	lincRNA chr21	44866481	44873773	+	4222	14.89976	0.083532	0.817216	0.22584	3.618564	0.000469	0.003886	1
ENSG0000 response	Inflamed	WFS1	protein_cc chr4	6271576	6304992	+	4513	1751.334	0	-0.49107	0.135711	-3.61845	0.000469	0.003886	1
ENSG0000 response	Inflamed	RP11-139C	pseudoger chr4	9564791	9565570	+	780	1.331742	0.677804	0.480346	0.132765	3.618004	0.00047	0.003891	1
ENSG0000 response	Inflamed	ZFP92	protein_cc chrX	1.53E+08	1.53E+08	+	1253	14.80191	0.057279	-0.72671	0.200874	-3.61775	0.00047	0.003893	1
ENSG0000 response	Inflamed	RP11-92K1	lincRNA chr8	80944959	80945535	-	577	48.25776	0	0.445661	0.123223	3.616703	0.000472	0.003906	1
ENSG0000 response	Inflamed	CDKL1	protein_cc chr14	50796310	50883179	-	5961	209.1313	0.002387	0.606132	0.167597	3.616605	0.000472	0.003906	1
ENSG0000 response	Inflamed	EHD2	protein_cc chr19	48216600	48246391	+	3923	4093.893	0	-0.77504	0.214331	-3.61609	0.000473	0.003911	1
ENSG0000 response	Inflamed	DLC1	protein_cc chr8	12940870	13373167	-	10988	1041.411	0	-0.62908	0.173997	-3.61547	0.000474	0.003918	1
ENSG0000 response	Inflamed	IGKV1D-17	IG_V_gene chr2	90121477	90122133	+	532	245.8329	0.164678	-1.16816	0.32311	-3.61538	0.000474	0.003918	1
ENSG0000 response	Inflamed	MICALCL	protein_cc chr11	12297627	12380691	+	3448	334.611	0.009547	0.74995	0.207457	3.614965	0.000474	0.003923	1
ENSG0000 response	Inflamed	AGFG2	protein_cc chr7	1E+08	1E+08	+	5478	2916.191	0	0.545166	0.150815	3.614791	0.000475	0.003924	1
ENSG0000 response	Inflamed	RP11-219E	antisense chr14	21342464	21343927	-	764	1.171838	0.756563	0.261763	0.072416	3.614698	0.000475	0.003924	1
ENSG0000 response	Inflamed	ZMIZ1-AS1	antisense chr10	80703085	80827652	-	4427	39.05967	0.009547	-0.65114	0.180151	-3.61439	0.000475	0.003927	1
ENSG0000 response	Inflamed	KIAA0922	protein_cc chr4	1.54E+08	1.55E+08	+	6393	722.5919	0	-0.66834	0.184919	-3.61424	0.000476	0.003927	1
ENSG0000 response	Inflamed	KRBA1	protein_cc chr7	1.49E+08	1.49E+08	+	5336	255.1575	0	-0.50359	0.139341	-3.6141	0.000476	0.003928	1
ENSG0000 response	Inflamed	FAM95B1	processed_chr9	42466317	42474239	+	7923	31.36993	0.040573	0.818003	0.226346	3.613944	0.000476	0.003929	1
ENSG0000 response	Inflamed	ATP6V1C2	protein_cc chr2	10861775	10925236	+	3324	52.61337	0.01432	0.889243	0.246078	3.613669	0.000477	0.00393	1
ENSG0000 response	Inflamed	RP5-1092A	antisense chr1	3575502	3585336	-	754	2.047733	0.52506	-0.4748	0.131394	-3.61357	0.000477	0.00393	1
ENSG0000 response	Inflamed	CYB5B	protein_cc chr16	69458428	69500169	+	6903	2962.143	0	0.332527	0.092022	3.613561	0.000477	0.00393	1
ENSG0000 response	Inflamed	RNF152	protein_cc chr18	59475296	59561480	-	9924	877.3819	0	0.830594	0.229874	3.61326	0.000477	0.003932	1
ENSG0000 response	Inflamed	SIGIRR	protein_cc chr11	405716	417455	-	3496	2475.279	0	0.305185	0.084463	3.613255	0.000477	0.003932	1
ENSG0000 response	Inflamed	IGLV5-45	IG_V_gene chr22	22730355	22730874	+	397	1427.527	0	-1.09669	0.303547	-3.61293	0.000478	0.003935	1
ENSG0000 response	Inflamed	KISS1	protein_cc chr1	2.04E+08	2.04E+08	-	709	3.649165	0.429594	0.583195	0.161431	3.612662	0.000478	0.003937	1

ENSG0000 response	Inflamed	GPR3	protein_cc chr1	27719148	27722318	+	2115	15.92124	0.078759	-0.76226	0.211034	-3.61205	0.000479	0.003944	1
ENSG0000 response	Inflamed	FAM26F	protein_cc chr6	1.17E+08	1.17E+08	+	1186	361.5036	0	-0.79383	0.219803	-3.61155	0.00048	0.00395	1
ENSG0000 response	Inflamed	TFE3	protein_cc chrX	48886242	48901012	-	4278	3137.461	0	-0.32797	0.090824	-3.61105	0.000481	0.003955	1
ENSG0000 response	Inflamed	CYB5R2	protein_cc chr11	7686331	7698453	-	8596	202.0525	0	-0.4653	0.128859	-3.61095	0.000481	0.003956	1
ENSG0000 response	Inflamed	IQSEC1	protein_cc chr3	12938719	13114617	-	6883	2820.573	0	-0.55496	0.153696	-3.61076	0.000481	0.003957	1
ENSG0000 response	Inflamed	AL139099.	protein_cc chr14	50064193	50065882	-	1690	23.13126	0.009547	0.519685	0.143944	3.610327	0.000482	0.003961	1
ENSG0000 response	Inflamed	IGKV2D-3C	IG_V_gene chr2	89975669	89976489	+	395	200.6587	0	-0.93566	0.259184	-3.61004	0.000483	0.003964	1
ENSG0000 response	Inflamed	SGIP1	protein_cc chr1	66999066	67213982	+	10493	220.9045	0.00716	-1.03246	0.286004	-3.60995	0.000483	0.003964	1
ENSG0000 response	Inflamed	RP11-747I	lincRNA chr3	1.65E+08	1.65E+08	-	1948	34.47494	0.095465	1.075516	0.297941	3.609824	0.000483	0.003964	1
ENSG0000 response	Inflamed	ZNF703	protein_cc chr8	37553269	37557537	+	3347	4303.289	0	0.484037	0.134098	3.609574	0.000483	0.003967	1
ENSG0000 response	Inflamed	RP1-79C4.	lincRNA chr1	1.71E+08	1.71E+08	+	2045	6.768496	0.367542	-0.76935	0.213194	-3.60867	0.000485	0.003977	1
ENSG0000 response	Inflamed	SORCS2	protein_cc chr4	7194265	7744554	+	6292	650.494	0	-0.8981	0.248881	-3.60854	0.000485	0.003977	1
ENSG0000 response	Inflamed	ETFB	protein_cc chr19	51848423	51869672	-	6526	1448.42	0	0.23876	0.066166	3.6085	0.000485	0.003977	1
ENSG0000 response	Inflamed	LYPD1	protein_cc chr2	1.33E+08	1.33E+08	-	2412	58.7685	0.016706	-1.01006	0.279942	-3.60811	0.000486	0.00398	1
ENSG0000 response	Inflamed	P2RX7	protein_cc chr12	1.22E+08	1.22E+08	+	3587	155.7279	0.01432	-0.75946	0.210492	-3.60805	0.000486	0.00398	1
ENSG0000 response	Inflamed	RP11-351J	lincRNA chr6	1.68E+08	1.68E+08	-	4569	6.579952	0.124105	0.581934	0.161291	3.607974	0.000486	0.00398	1
ENSG0000 response	Inflamed	MTRNR2L2	protein_cc chr5	79945819	79946855	-	1037	330.8592	0	0.764192	0.211808	3.607953	0.000486	0.00398	1
ENSG0000 response	Inflamed	MSRB1	protein_cc chr16	1988211	1993327	-	2157	1192.236	0	-0.41446	0.114886	-3.6076	0.000487	0.003983	1
ENSG0000 response	Inflamed	TMEM233	protein_cc chr12	1.2E+08	1.2E+08	+	1638	5.957041	0.147971	-0.55284	0.153264	-3.60707	0.000487	0.003989	1
ENSG0000 response	Inflamed	CSPG4P13	pseudoger chr15	78187026	78197016	+	4818	12.51074	0.088305	-0.70051	0.194221	-3.60679	0.000488	0.003992	1
ENSG0000 response	Inflamed	RP1-130H:	antisense chr22	30770930	30773862	-	1443	43.53222	0	-0.47273	0.131089	-3.60617	0.000489	0.003997	1
ENSG0000 response	Inflamed	RP11-862C	lincRNA chr14	93372042	93373827	-	1384	1.491647	0.663484	0.415284	0.11516	3.60614	0.000489	0.003997	1
ENSG0000 response	Inflamed	SPAG6	protein_cc chr10	22634399	22743153	+	4006	1.921241	0.544153	-0.50597	0.140308	-3.60613	0.000489	0.003997	1
ENSG0000 response	Inflamed	TINAGL1	protein_cc chr1	32042116	32053288	+	5925	5525.711	0	0.386038	0.10707	3.60549	0.00049	0.004005	1
ENSG0000 response	Inflamed	PTGS2	protein_cc chr1	1.87E+08	1.87E+08	-	5269	1251.661	0.002387	-1.39162	0.386087	-3.60441	0.000492	0.004018	1
ENSG0000 response	Inflamed	SIDT1	protein_cc chr3	1.13E+08	1.13E+08	+	8072	1481.117	0	0.516784	0.143406	3.603646	0.000493	0.004027	1
ENSG0000 response	Inflamed	MAPK3	protein_cc chr16	30125426	30134827	-	3669	10088.05	0	0.324225	0.089987	3.602996	0.000494	0.004035	1
ENSG0000 response	Inflamed	YAE1D1	protein_cc chr7	39605975	39649919	+	2569	295.3938	0	0.427423	0.118632	3.602934	0.000494	0.004035	1
ENSG0000 response	Inflamed	AP001056	lincRNA chr21	45595372	45596336	+	821	41.56802	0.016706	-0.65579	0.182027	-3.60271	0.000495	0.004036	1
ENSG0000 response	Inflamed	SLC19A1	protein_cc chr21	46913486	46964325	-	9998	732.6301	0	-0.46475	0.129014	-3.60234	0.000495	0.00404	1
ENSG0000 response	Inflamed	TCTEX1D1	protein_cc chr1	67218142	67244470	+	3100	17.77088	0.026253	-0.66032	0.183316	-3.60206	0.000496	0.004043	1
ENSG0000 response	Inflamed	GNG13	protein_cc chr16	848041	850733	-	984	23.63962	0.147971	0.959318	0.26634	3.601854	0.000496	0.004044	1
ENSG0000 response	Inflamed	DHRS3	protein_cc chr1	12627939	12677737	-	3037	2047.425	0	0.395485	0.109807	3.601627	0.000497	0.004045	1
ENSG0000 response	Inflamed	TPH1	protein_cc chr11	18039111	18063973	-	5626	342.8353	0.002387	1.213467	0.336925	3.601593	0.000497	0.004045	1
ENSG0000 response	Inflamed	IL10RB-AS:	antisense chr21	34636178	34638565	-	2228	17.55131	0.004773	-0.51181	0.142121	-3.6012	0.000497	0.00405	1
ENSG0000 response	Inflamed	ISCA1P4	pseudoger chr15	41240934	41241067	-	134	1.231504	0.687351	-0.40353	0.112091	-3.60003	0.000499	0.004064	1
ENSG0000 response	Inflamed	LETM1	protein_cc chr4	1813206	1857974	-	8184	6057.737	0	0.438698	0.121865	3.599861	0.000499	0.004066	1
ENSG0000 response	Inflamed	MTHFD1L	protein_cc chr6	1.51E+08	1.51E+08	+	4945	522.6563	0	-0.49494	0.137507	-3.59936	0.0005	0.004071	1
ENSG0000 response	Inflamed	CD2	protein_cc chr1	1.17E+08	1.17E+08	+	1679	719.7184	0	-0.5528	0.153595	-3.59906	0.000501	0.004074	1
ENSG0000 response	Inflamed	RP11-284E	pseudoger chrX	63524927	63526613	-	1436	6.620525	0.107399	0.556186	0.154558	3.598566	0.000502	0.004079	1

ENSG0000 response	Inflamed	COL1A2	protein_cc chr7	94023873	94060544	+	11151	40900	0	-0.84422	0.23461	-3.59839	0.000502	0.004079	1
ENSG0000 response	Inflamed	FABP5P1	pseudoger chr13	73674713	73675123	-	411	5.813842	0.131265	0.521792	0.14501	3.598327	0.000502	0.004079	1
ENSG0000 response	Inflamed	CD163	protein_cc chr12	7623409	7656489	-	5813	2292.465	0	-0.6668	0.185308	-3.59832	0.000502	0.004079	1
ENSG0000 response	Inflamed	MGLL	protein_cc chr3	1.27E+08	1.28E+08	-	10056	19090.93	0	0.408251	0.113474	3.597761	0.000503	0.004086	1
ENSG0000 response	Inflamed	IL17RE	protein_cc chr3	9944296	9958086	+	4676	2796.282	0	0.607694	0.168916	3.597605	0.000503	0.004087	1
ENSG0000 response	Inflamed	PMM1	protein_cc chr22	41972898	41985894	-	5082	1107.749	0	0.350269	0.09737	3.597311	0.000504	0.00409	1
ENSG0000 response	Inflamed	ALOX12B	protein_cc chr17	7975954	7991021	-	2656	12.72792	0.081146	0.658381	0.183031	3.597096	0.000504	0.004091	1
ENSG0000 response	Inflamed	APOBEC3C	protein_cc chr22	39410368	39429281	+	2545	394.9618	0	-0.47972	0.133374	-3.59676	0.000505	0.004095	1
ENSG0000 response	Inflamed	TMEM210	protein_cc chr9	1.4E+08	1.4E+08	-	1139	5.045346	0.205251	0.587207	0.16327	3.596553	0.000505	0.004096	1
ENSG0000 response	Inflamed	ATOX1	protein_cc chr5	1.51E+08	1.51E+08	-	5239	947	0	-0.33968	0.094449	-3.59643	0.000505	0.004096	1
ENSG0000 response	Inflamed	SPRY2	protein_cc chr13	80910111	80915086	-	3289	1721.523	0	0.426585	0.118617	3.596322	0.000506	0.004096	1
ENSG0000 response	Inflamed	CYP2S1	protein_cc chr19	41698954	41713444	+	2874	3179.609	0	0.680858	0.189323	3.596279	0.000506	0.004096	1
ENSG0000 response	Inflamed	SLC35A1	protein_cc chr6	88180341	88222054	+	1994	474.389	0	0.520547	0.14477	3.595674	0.000507	0.004102	1
ENSG0000 response	Inflamed	PLEKHA6	protein_cc chr1	2.04E+08	2.04E+08	-	7820	7996.263	0	0.576413	0.160308	3.595656	0.000507	0.004102	1
ENSG0000 response	Inflamed	RP11-8L2.1	processed_chr4	84717589	85214565	-	3588	2.610979	0.570406	0.499567	0.138985	3.5944	0.000509	0.004119	1
ENSG0000 response	Inflamed	DFNA5	protein_cc chr7	24737972	24809244	-	9537	113.5967	0.002387	-0.69343	0.19293	-3.59422	0.000509	0.00412	1
ENSG0000 response	Inflamed	ABHD17C	protein_cc chr15	80972025	81047962	+	3627	5575.017	0	0.49302	0.137174	3.594118	0.000509	0.00412	1
ENSG0000 response	Inflamed	TMED6	protein_cc chr16	69377151	69385712	-	1411	33.24821	0.01432	0.665896	0.185278	3.594036	0.000509	0.00412	1
ENSG0000 response	Inflamed	PANX1	protein_cc chr11	93862094	93915138	+	2769	660.2124	0	-0.47949	0.133416	-3.59396	0.00051	0.00412	1
ENSG0000 response	Inflamed	RAB36	protein_cc chr22	23487513	23506537	+	4107	180.5346	0	-0.56826	0.158141	-3.59337	0.000511	0.004127	1
ENSG0000 response	Inflamed	FBXO41	protein_cc chr2	73481810	73511559	-	8104	639.1265	0	-0.51757	0.144131	-3.59098	0.000515	0.004158	1
ENSG0000 response	Inflamed	NCS1	protein_cc chr9	1.33E+08	1.33E+08	+	5128	627.4129	0	-0.68087	0.189609	-3.59094	0.000515	0.004158	1
ENSG0000 response	Inflamed	FDCSP	protein_cc chr4	71091788	71100969	+	566	412.1241	0.069212	-1.60147	0.446011	-3.59066	0.000515	0.004161	1
ENSG0000 response	Inflamed	NIPAL4	protein_cc chr5	1.57E+08	1.57E+08	+	4208	27.85203	0.016706	-0.62688	0.174614	-3.59008	0.000516	0.004168	1
ENSG0000 response	Inflamed	ABHD1	protein_cc chr2	27346682	27353680	+	1661	5.811456	0.116945	-0.48616	0.135428	-3.5898	0.000517	0.004171	1
ENSG0000 response	Inflamed	TNFSF14	protein_cc chr19	6663148	6670599	-	2894	243.9332	0.002387	-0.88484	0.246524	-3.58925	0.000518	0.004176	1
ENSG0000 response	Inflamed	MRGPRF	protein_cc chr11	68771863	68780877	-	2746	935.4033	0	-0.82071	0.22866	-3.58921	0.000518	0.004176	1
ENSG0000 response	Inflamed	RP5-1119A	lincRNA chr22	36841445	36850991	-	372	5.300716	0.164678	0.545472	0.151995	3.588763	0.000519	0.004181	1
ENSG0000 response	Inflamed	OTOP3	protein_cc chr17	72931814	72946087	+	2516	41.06205	0.171838	1.257071	0.350318	3.588374	0.000519	0.004186	1
ENSG0000 response	Inflamed	ZNF319	protein_cc chr16	58028572	58034357	-	4274	588.7709	0	-0.43244	0.120514	-3.58827	0.00052	0.004186	1
ENSG0000 response	Inflamed	TAL1	protein_cc chr1	47681962	47697892	-	5706	159.8544	0	-0.60458	0.168497	-3.58811	0.00052	0.004187	1
ENSG0000 response	Inflamed	AGR3	protein_cc chr7	16899029	16921611	-	1160	1809.134	0	0.824607	0.229849	3.58761	0.000521	0.004193	1
ENSG0000 response	Inflamed	CRTAP	protein_cc chr3	33155471	33189265	+	6695	4466.37	0	-0.32044	0.089333	-3.58699	0.000522	0.0042	1
ENSG0000 response	Inflamed	EPS8L2	protein_cc chr11	694438	727727	+	5693	7810.473	0	0.49456	0.137929	3.585612	0.000524	0.004219	1
ENSG0000 response	Inflamed	MOGAT3	protein_cc chr7	1.01E+08	1.01E+08	-	2218	1323.742	0.002387	0.81226	0.226542	3.585468	0.000524	0.004219	1
ENSG0000 response	Inflamed	TBC1D1	protein_cc chr4	37892708	38140796	+	9027	2966.974	0	-0.31688	0.088419	-3.58381	0.000527	0.00424	1
ENSG0000 response	Inflamed	THAP3	protein_cc chr1	6684926	6695646	+	4072	381.2148	0	-0.21074	0.058805	-3.58373	0.000528	0.00424	1
ENSG0000 response	Inflamed	RP11-38J2	lincRNA chr1	2.06E+08	2.06E+08	-	965	30.51313	0.016706	-0.81234	0.226675	-3.58371	0.000528	0.00424	1
ENSG0000 response	Inflamed	TMEM184	protein_cc chr22	38615298	38669040	-	5014	4251.387	0	-0.33639	0.093868	-3.58364	0.000528	0.00424	1
ENSG0000 response	Inflamed	CDC25B	protein_cc chr20	3767578	3786762	+	4149	3511.518	0	-0.50349	0.140501	-3.58354	0.000528	0.004241	1

ENSG0000 response	Inflamed	SCIN	protein_cc chr7	12610203	12693228	+	5048	1371.9	0.002387	0.956404	0.266927	3.583022	0.000529	0.004247	1
ENSG0000 response	Inflamed	RP11-491F antisense	chr16	49321341	49324138	+	654	7.933174	0.145585	0.596397	0.166459	3.582852	0.000529	0.004248	1
ENSG0000 response	Inflamed	AC108004	lincRNA chr17	33615	41378	-	1185	3.832936	0.336516	-0.60114	0.167787	-3.58278	0.000529	0.004248	1
ENSG0000 response	Inflamed	TRBV11-2	lincRNA chr7	1.42E+08	1.42E+08	-	408	14.46778	0.052506	-0.61323	0.171183	-3.58232	0.00053	0.004253	1
ENSG0000 response	Inflamed	APOL2	protein_cc chr22	36622256	36636000	-	3477	3123.263	0	-0.5942	0.165873	-3.58225	0.00053	0.004253	1
ENSG0000 response	Inflamed	KIF3C	protein_cc chr2	26149471	26205618	-	6397	261.7685	0.004773	-0.67119	0.187385	-3.58188	0.000531	0.004257	1
ENSG0000 response	Inflamed	PCED1A	protein_cc chr20	2815960	2821836	-	2341	1123.432	0	-0.43434	0.121277	-3.58137	0.000532	0.004262	1
ENSG0000 response	Inflamed	IGHJ6	IG_J_gene chr14	1.06E+08	1.06E+08	-	61	263.58	0.011933	-1.04944	0.29303	-3.58136	0.000532	0.004262	1
ENSG0000 response	Inflamed	CHST3	protein_cc chr10	73724123	73773322	+	6970	790.6945	0	-0.8277	0.231144	-3.58087	0.000533	0.004265	1
ENSG0000 response	Inflamed	AC145110	lincRNA chr8	29605825	29656008	+	5541	4.73031	0.429594	-0.70036	0.195585	-3.58086	0.000533	0.004265	1
ENSG0000 response	Inflamed	AP001631	protein_cc chr21	44579176	44582387	-	1052	1.169451	0.761337	-0.4845	0.135302	-3.58085	0.000533	0.004265	1
ENSG0000 response	Inflamed	COL6A2	protein_cc chr21	47518011	47552763	+	5386	29693.77	0	-0.71133	0.198673	-3.58043	0.000534	0.004269	1
ENSG0000 response	Inflamed	MGST2	protein_cc chr4	1.41E+08	1.41E+08	+	3182	1439.551	0	0.40278	0.112497	3.580358	0.000534	0.004269	1
ENSG0000 response	Inflamed	RAB26	protein_cc chr16	2190804	2204166	+	2488	277.222	0	0.521285	0.145597	3.580321	0.000534	0.004269	1
ENSG0000 response	Inflamed	PRRT3	protein_cc chr3	9987226	9994078	-	3939	84.04773	0	-0.3857	0.107733	-3.5801	0.000534	0.004271	1
ENSG0000 response	Inflamed	RP11-340F	sense_ove chr12	1.22E+08	1.22E+08	+	477	27.10501	0.019093	-0.6818	0.190445	-3.58002	0.000534	0.004271	1
ENSG0000 response	Inflamed	ZNF784	protein_cc chr19	56132108	56135967	-	2058	400.5322	0	0.255836	0.07147	3.579612	0.000535	0.004275	1
ENSG0000 response	Inflamed	MFSD2B	protein_cc chr2	24232951	24286191	+	4438	8.427208	0.050119	-0.52529	0.146772	-3.57895	0.000536	0.004283	1
ENSG0000 response	Inflamed	TMPRSS4	protein_cc chr11	1.18E+08	1.18E+08	+	9922	10408.47	0	0.745531	0.208313	3.578896	0.000536	0.004283	1
ENSG0000 response	Inflamed	NCKAP5L	protein_cc chr12	50184929	50222533	-	8090	799.0334	0	-0.57249	0.159981	-3.57848	0.000537	0.004288	1
ENSG0000 response	Inflamed	PDCD4	protein_cc chr10	1.13E+08	1.13E+08	+	4535	7016.914	0	0.664617	0.185783	3.577381	0.000539	0.004302	1
ENSG0000 response	Inflamed	RHOQP2	pseudoger chr2	1.32E+08	1.32E+08	+	618	4.837709	0.207637	-0.59014	0.164978	-3.57711	0.00054	0.004305	1
ENSG0000 response	Inflamed	ST6GALNA	protein_cc chr1	77333126	77531396	+	4263	56.71838	0.016706	-0.85105	0.237973	-3.57624	0.000541	0.004316	1
ENSG0000 response	Inflamed	SLC18A1	protein_cc chr8	20002366	20040717	-	3910	169.9212	0.004773	0.858166	0.239976	3.576052	0.000541	0.004317	1
ENSG0000 response	Inflamed	CACNG8	protein_cc chr19	54466294	54493469	+	8747	6.178998	0.257757	-0.68444	0.191397	-3.57599	0.000542	0.004317	1
ENSG0000 response	Inflamed	DOK4	protein_cc chr16	57505863	57521239	-	4759	7156.043	0	0.429043	0.120019	3.574782	0.000544	0.004334	1
ENSG0000 response	Inflamed	MBOAT1	protein_cc chr6	20100935	20212670	-	3287	1935.103	0	0.553247	0.154779	3.574445	0.000544	0.004337	1
ENSG0000 response	Inflamed	BTN2A2	protein_cc chr6	26383324	26395102	+	6398	779.6778	0	-0.53998	0.151081	-3.5741	0.000545	0.004341	1
ENSG0000 response	Inflamed	C19orf12	protein_cc chr19	30191721	30206364	-	3223	745.6277	0	-0.26888	0.075245	-3.57332	0.000547	0.004351	1
ENSG0000 response	Inflamed	NR6A1	protein_cc chr9	1.27E+08	1.28E+08	-	7124	428.1575	0	0.631231	0.176658	3.573181	0.000547	0.004352	1
ENSG0000 response	Inflamed	CHRNE	protein_cc chr17	4801069	4806369	-	2641	51.42005	0	-0.57841	0.161906	-3.5725	0.000548	0.004361	1
ENSG0000 response	Inflamed	KRT73	protein_cc chr12	53001354	53012343	-	2652	6.78043	0.355609	-0.74205	0.207724	-3.57229	0.000548	0.004361	1
ENSG0000 response	Inflamed	ACTC1	protein_cc chr15	35080297	35088340	-	4639	15.31742	0.408115	-1.33448	0.373565	-3.57229	0.000548	0.004361	1
ENSG0000 response	Inflamed	PEBP1	protein_cc chr12	1.19E+08	1.19E+08	+	1780	6126.933	0	0.297947	0.083408	3.572165	0.000549	0.004362	1
ENSG0000 response	Inflamed	ARHGAP8	protein_cc chr22	45098355	45258665	+	5678	209.611	0.004773	0.822844	0.230376	3.571742	0.000549	0.004367	1
ENSG0000 response	Inflamed	RP11-528F	lincRNA chr3	1.94E+08	1.94E+08	-	984	100.0644	0.01432	0.811628	0.227262	3.571337	0.00055	0.004371	1
ENSG0000 response	Inflamed	WBSCR28	protein_cc chr7	73275489	73280223	+	977	2.150358	0.642005	0.520595	0.145802	3.570556	0.000552	0.004381	1
ENSG0000 response	Inflamed	RP11-307E	lincRNA chr9	97094758	97123230	+	2162	13.97375	0.078759	-0.7212	0.201989	-3.57049	0.000552	0.004381	1
ENSG0000 response	Inflamed	MTL5	protein_cc chr11	68474908	68519032	-	5833	277.6516	0	0.424155	0.118805	3.570172	0.000552	0.004384	1
ENSG0000 response	Inflamed	RP11-10A1	lincRNA chr8	9046521	9060364	+	875	8.183771	0.422434	-0.96326	0.269856	-3.56952	0.000554	0.004393	1

ENSG0000 response	Inflamed	SEC11C	protein_cc chr18	56806709	56826068	+	3656	2138.809	0	-0.48224	0.135108	-3.56928	0.000554	0.004395	1
ENSG0000 response	Inflamed	FBXO40	protein_cc chr3	1.21E+08	1.21E+08	+	5926	0.830549	0.787589	-0.35484	0.099433	-3.56866	0.000555	0.004403	1
ENSG0000 response	Inflamed	BICC1	protein_cc chr10	60272900	60591195	+	6567	439.7804	0	-0.77619	0.217509	-3.56856	0.000555	0.004403	1
ENSG0000 response	Inflamed	APBB1	protein_cc chr11	6416355	6440644	-	5194	622.0263	0	-0.50453	0.141406	-3.56799	0.000556	0.00441	1
ENSG0000 response	Inflamed	AL049840	protein_cc chr14	1.04E+08	1.04E+08	+	1543	65.50597	0.002387	0.425798	0.119344	3.567831	0.000557	0.004411	1
ENSG0000 response	Inflamed	RP11-5791	lincRNA chr12	49182930	49184318	+	554	22.90931	0.023866	0.707881	0.198434	3.567329	0.000558	0.004417	1
ENSG0000 response	Inflamed	FUT11	protein_cc chr10	75532049	75540009	+	4885	768.0716	0	-0.44105	0.123647	-3.56704	0.000558	0.00442	1
ENSG0000 response	Inflamed	B3GNT3	protein_cc chr19	17905637	17923891	+	2301	7208.525	0	0.663393	0.186001	3.566618	0.000559	0.004425	1
ENSG0000 response	Inflamed	FYB	protein_cc chr5	39105338	39274630	-	6100	1204.246	0	-0.76853	0.215505	-3.56618	0.00056	0.004431	1
ENSG0000 response	Inflamed	DTNB	protein_cc chr2	25600067	25896503	-	7156	202.3174	0	-0.35331	0.099097	-3.56526	0.000562	0.004443	1
ENSG0000 response	Inflamed	CTD-2541	antisense chr8	6475996	6565730	-	3046	14.88783	0.047733	0.565308	0.15861	3.564127	0.000564	0.004459	1
ENSG0000 response	Inflamed	ABAT	protein_cc chr16	8768422	8878432	+	9744	1102.709	0	0.557368	0.156413	3.563449	0.000565	0.004468	1
ENSG0000 response	Inflamed	AMT	protein_cc chr3	49454211	49460186	-	4561	778.3532	0	0.4766	0.133786	3.562412	0.000567	0.004482	1
ENSG0000 response	Inflamed	SST	protein_cc chr3	1.87E+08	1.87E+08	-	618	651.2936	0.002387	1.185078	0.332685	3.562159	0.000567	0.004484	1
ENSG0000 response	Inflamed	AC006132	protein_cc chr19	46144752	46146098	+	1235	47.68974	0.002387	-0.61244	0.171946	-3.56183	0.000568	0.004488	1
ENSG0000 response	Inflamed	COX6C	protein_cc chr8	1.01E+08	1.01E+08	-	3066	3188.294	0	0.408217	0.114631	3.561143	0.000569	0.004497	1
ENSG0000 response	Inflamed	PTPRN	protein_cc chr2	2.2E+08	2.2E+08	-	8261	102.8902	0.050119	-1.51703	0.426066	-3.56056	0.000571	0.004504	1
ENSG0000 response	Inflamed	EID3	protein_cc chr12	1.05E+08	1.05E+08	+	1464	36.65871	0.004773	-0.59032	0.165798	-3.56048	0.000571	0.004504	1
ENSG0000 response	Inflamed	ERG	protein_cc chr21	39751949	40033704	-	8000	439.1718	0	-0.72941	0.204869	-3.56036	0.000571	0.004505	1
ENSG0000 response	Inflamed	COX10	protein_cc chr17	13972813	14111994	+	3172	989.5752	0	0.263562	0.074028	3.560289	0.000571	0.004505	1
ENSG0000 response	Inflamed	HNF1B	protein_cc chr17	36046435	36105237	-	5960	1481.284	0	0.803011	0.225617	3.55918	0.000573	0.00452	1
ENSG0000 response	Inflamed	CACNA2D3	protein_cc chr3	54156574	55108584	+	4670	29.54893	0.002387	-0.58987	0.16578	-3.55819	0.000575	0.004533	1
ENSG0000 response	Inflamed	GK-IT1	sense_intr chrX	30689752	30690283	+	397	3.427208	0.498807	-0.65916	0.185258	-3.55805	0.000575	0.004533	1
ENSG0000 response	Inflamed	AC092569	pseudoger chr2	30969310	30969567	-	258	1.692124	0.596659	0.465197	0.130747	3.557993	0.000576	0.004533	1
ENSG0000 response	Inflamed	TXLNB	protein_cc chr6	1.4E+08	1.4E+08	-	4937	78.87112	0.004773	-0.85957	0.241591	-3.55797	0.000576	0.004533	1
ENSG0000 response	Inflamed	PAEP	protein_cc chr9	1.38E+08	1.38E+08	+	1454	6.801909	0.501193	-0.8239	0.231581	-3.55773	0.000576	0.004535	1
ENSG0000 response	Inflamed	RP11-781F	antisense chr18	6954676	6957418	+	2295	3.656325	0.463007	0.563699	0.158445	3.557684	0.000576	0.004535	1
ENSG0000 response	Inflamed	ARHGAP23	pseudoger chr16	33709886	33739634	-	2080	15.00477	0.071599	-0.72817	0.204736	-3.55663	0.000578	0.004549	1
ENSG0000 response	Inflamed	CRYL1	protein_cc chr13	20977806	21099996	-	1761	2189.974	0	0.44343	0.12468	3.556544	0.000578	0.004549	1
ENSG0000 response	Inflamed	SLA2	protein_cc chr20	35240721	35274619	-	2757	224.9857	0	-0.47781	0.134354	-3.55634	0.000579	0.004549	1
ENSG0000 response	Inflamed	MROH7-17	protein_cc chr1	55107459	55207981	+	7090	4.508353	0.386635	0.583809	0.16416	3.556334	0.000579	0.004549	1
ENSG0000 response	Inflamed	SATB2-AS1	antisense chr2	2E+08	2E+08	+	4470	828.9427	0.004773	1.416592	0.398337	3.556266	0.000579	0.004549	1
ENSG0000 response	Inflamed	RFC2	protein_cc chr7	73645829	73668774	-	2197	600.9737	0	-0.29693	0.083498	-3.5562	0.000579	0.004549	1
ENSG0000 response	Inflamed	LARP6	protein_cc chr15	71123863	71146498	-	3160	114.1527	0.002387	-0.71113	0.200012	-3.55546	0.00058	0.004559	1
ENSG0000 response	Inflamed	CRABP2	protein_cc chr1	1.57E+08	1.57E+08	-	1100	132.5131	0.004773	-1.0527	0.29615	-3.55461	0.000582	0.00457	1
ENSG0000 response	Inflamed	ELFN2	protein_cc chr22	37764000	37823505	-	8782	26.81384	0.038186	-0.92179	0.259324	-3.55457	0.000582	0.00457	1
ENSG0000 response	Inflamed	AC093159	lincRNA chr2	62690262	62691205	+	424	2.27685	0.513126	-0.51673	0.145385	-3.55421	0.000583	0.004575	1
ENSG0000 response	Inflamed	SLC9A7P1	pseudoger chr12	98847613	98850923	-	3311	16.25298	0.02148	-0.61562	0.173233	-3.55369	0.000584	0.004581	1
ENSG0000 response	Inflamed	ARHGAP40	protein_cc chr20	37230577	37279678	+	3195	2.066826	0.75179	-0.64837	0.182464	-3.55341	0.000584	0.004584	1
ENSG0000 response	Inflamed	CLSTN3	protein_cc chr12	7282294	7311541	+	6865	2677.475	0	-0.65951	0.185606	-3.55325	0.000585	0.004585	1

ENSG0000 response	Inflamed	NME8	protein_cc chr7	37888199	37940003	+	2439	11.67064	0.085919	-0.70015	0.197049	-3.55319	0.000585	0.004585	1
ENSG0000 response	Inflamed	AQP5	protein_cc chr12	50355653	50359464	+	1885	90.66826	0.252983	-1.63938	0.461429	-3.55283	0.000586	0.004589	1
ENSG0000 response	Inflamed	C5orf30	protein_cc chr5	1.03E+08	1.03E+08	+	3568	1434.663	0	0.703626	0.198063	3.552543	0.000586	0.004592	1
ENSG0000 response	Inflamed	GGT6	protein_cc chr17	4460222	4464113	-	3161	6135.513	0	0.871538	0.245373	3.551893	0.000587	0.004601	1
ENSG0000 response	Inflamed	APLNR	protein_cc chr11	57001051	57004709	-	3659	2261.489	0	-0.78461	0.220963	-3.55084	0.00059	0.004616	1
ENSG0000 response	Inflamed	GS1-18A1	antisense chr7	54624663	54639419	+	3031	3.983294	0.455847	0.659235	0.18569	3.550202	0.000591	0.004624	1
ENSG0000 response	Inflamed	TESPA1	protein_cc chr12	55341802	55378530	-	5025	252.1122	0	-0.64682	0.182224	-3.54959	0.000592	0.004632	1
ENSG0000 response	Inflamed	CYB5R3	protein_cc chr22	43013846	43045574	-	5973	9387.551	0	-0.283	0.079737	-3.54919	0.000593	0.004637	1
ENSG0000 response	Inflamed	MAP7	protein_cc chr6	1.37E+08	1.37E+08	-	4664	2977.604	0	0.588929	0.165949	3.548861	0.000594	0.004641	1
ENSG0000 response	Inflamed	SPSB4	protein_cc chr3	1.41E+08	1.41E+08	+	3740	4.293556	0.274463	-0.59936	0.168895	-3.54872	0.000594	0.004642	1
ENSG0000 response	Inflamed	GPR85	protein_cc chr7	1.13E+08	1.13E+08	-	7396	26.34129	0.011933	-0.70624	0.199026	-3.54851	0.000594	0.004644	1
ENSG0000 response	Inflamed	AC137932	antisense chr16	89387541	89391518	+	1360	1.355609	0.708831	-0.44031	0.12409	-3.54828	0.000595	0.004646	1
ENSG0000 response	Inflamed	AC046143	antisense chr3	1.94E+08	1.94E+08	+	972	43.7494	0	0.482948	0.136126	3.547804	0.000596	0.004652	1
ENSG0000 response	Inflamed	RP11-672	antisense chr11	76336506	76337878	-	831	1.548926	0.613365	-0.4626	0.130409	-3.54733	0.000597	0.004658	1
ENSG0000 response	Inflamed	RTN2	protein_cc chr19	45988547	46000319	-	3238	294.3031	0	-0.44641	0.125861	-3.54686	0.000598	0.004664	1
ENSG0000 response	Inflamed	OLFM2	protein_cc chr19	9964394	10047228	-	2500	244.1122	0	-0.65747	0.185402	-3.54616	0.000599	0.004674	1
ENSG0000 response	Inflamed	KLC4	protein_cc chr6	43008515	43042837	+	6421	3547.668	0	0.449576	0.126791	3.545816	0.0006	0.004678	1
ENSG0000 response	Inflamed	HHIPL2	protein_cc chr1	2.23E+08	2.23E+08	-	3287	11.49642	0.071599	0.655654	0.184926	3.545494	0.0006	0.00468	1
ENSG0000 response	Inflamed	MAP1A	protein_cc chr15	43803156	43823818	+	10652	558.9117	0	-0.73179	0.2064	-3.54549	0.0006	0.00468	1
ENSG0000 response	Inflamed	TMEM177	protein_cc chr2	1.2E+08	1.2E+08	+	2588	417.0525	0	0.2923	0.082447	3.545296	0.000601	0.004682	1
ENSG0000 response	Inflamed	AC026310	protein_cc chr12	25055243	25057615	+	2373	1.644391	0.658711	-0.54553	0.153882	-3.54514	0.000601	0.004683	1
ENSG0000 response	Inflamed	RN7SL767	antisense chr3	1.13E+08	1.13E+08	+	277	1.088305	0.720764	0.361924	0.102111	3.544423	0.000602	0.004693	1
ENSG0000 response	Inflamed	CALHM1	protein_cc chr10	1.05E+08	1.05E+08	-	3053	6.420048	0.200477	-0.62399	0.176067	-3.54403	0.000603	0.004697	1
ENSG0000 response	Inflamed	ACOT8	protein_cc chr20	44470360	44486045	-	4213	962.3079	0	0.305003	0.086068	3.543749	0.000604	0.004701	1
ENSG0000 response	Inflamed	IL18RAP	protein_cc chr2	1.03E+08	1.03E+08	+	2966	161.7542	0.002387	-0.98531	0.278061	-3.54351	0.000604	0.004703	1
ENSG0000 response	Inflamed	CTD-2611	antisense chr19	56218707	56219330	+	624	27.48687	0.059666	0.812839	0.229438	3.542744	0.000606	0.004714	1
ENSG0000 response	Inflamed	SH3YL1	protein_cc chr2	217730	266398	-	11165	1529.854	0	0.548956	0.154977	3.542177	0.000607	0.004721	1
ENSG0000 response	Inflamed	RBP5	protein_cc chr12	7276280	7281538	-	1369	318.2005	0	-0.74911	0.211512	-3.5417	0.000608	0.004727	1
ENSG0000 response	Inflamed	PTRF	protein_cc chr17	40554470	40575535	-	3828	6703.411	0	-0.7343	0.207398	-3.54056	0.00061	0.004744	1
ENSG0000 response	Inflamed	ESRP2	protein_cc chr16	68263014	68272005	-	5563	3787.962	0	0.717305	0.202629	3.539987	0.000611	0.004752	1
ENSG0000 response	Inflamed	NAT2	protein_cc chr8	18248755	18258728	+	1322	328.0286	0.00716	0.856727	0.242052	3.539433	0.000613	0.004759	1
ENSG0000 response	Inflamed	HSD3B7	protein_cc chr16	30996519	31000473	+	2504	1398.403	0	-0.39696	0.112198	-3.53801	0.000616	0.004781	1
ENSG0000 response	Inflamed	RP11-25K2	antisense chr1	1.61E+08	1.62E+08	+	553	1.754177	0.73747	-0.57061	0.16131	-3.53733	0.000617	0.00479	1
ENSG0000 response	Inflamed	PRSS8	protein_cc chr16	31142756	31147083	-	3008	15466.51	0	0.727864	0.205803	3.536709	0.000618	0.004799	1
ENSG0000 response	Inflamed	TAPT1-AS1	antisense chr4	16228286	16321763	+	4192	143.5847	0	0.42722	0.120802	3.536533	0.000619	0.0048	1
ENSG0000 response	Inflamed	RP11-455F	antisense chr16	30194826	30196278	-	811	40.42482	0.00716	-0.71005	0.200808	-3.53599	0.00062	0.004808	1
ENSG0000 response	Inflamed	B4GALT4	protein_cc chr3	1.19E+08	1.19E+08	-	7145	1668.623	0	0.532316	0.150556	3.535667	0.00062	0.004811	1
ENSG0000 response	Inflamed	TRBV5-1	TR_V_gene chr7	1.42E+08	1.42E+08	+	652	42.92124	0.004773	-0.66811	0.189	-3.53499	0.000622	0.004821	1
ENSG0000 response	Inflamed	RP11-647F	antisense chr17	72303349	72305929	-	651	2.155131	0.458234	-0.50284	0.142248	-3.53492	0.000622	0.004821	1
ENSG0000 response	Inflamed	PPP1R26	antisense chr9	1.38E+08	1.38E+08	-	3750	168.9069	0.00716	0.692996	0.196062	3.53457	0.000623	0.004825	1

ENSG0000 response	Inflamed	C16orf45	protein_cc chr16	15528152	15718885	+	3688	439.5632	0	-0.57668	0.163169	-3.53423	0.000623	0.004829	1
ENSG0000 response	Inflamed	SYNGR3	protein_cc chr16	2039661	2044276	+	3420	77.47971	0	-0.50296	0.142347	-3.53334	0.000625	0.004842	1
ENSG0000 response	Inflamed	RP11-527L	antisense chr17	41991801	42000369	-	832	1.484487	0.608592	-0.3792	0.107323	-3.53328	0.000625	0.004842	1
ENSG0000 response	Inflamed	DENND2C	protein_cc chr1	1.15E+08	1.15E+08	-	7408	63.5895	0.002387	-0.74533	0.210977	-3.53275	0.000627	0.004848	1
ENSG0000 response	Inflamed	HES7	protein_cc chr17	8023908	8027410	-	1868	2.455847	0.501193	-0.57981	0.164126	-3.53272	0.000627	0.004848	1
ENSG0000 response	Inflamed	RP11-695J	antisense chr12	14720684	14772689	+	596	38.33652	0.01432	0.467525	0.132371	3.531943	0.000628	0.004859	1
ENSG0000 response	Inflamed	MLLT3	protein_cc chr9	20341663	20622542	-	8129	921.2936	0	0.533942	0.151183	3.531762	0.000629	0.00486	1
ENSG0000 response	Inflamed	LINC00261	lincRNA chr20	22528309	22559280	-	5552	1972.797	0	1.111471	0.314714	3.531686	0.000629	0.00486	1
ENSG0000 response	Inflamed	SOSTDC1	protein_cc chr7	16501106	16570205	-	2473	247.8663	0.011933	0.973616	0.27571	3.531309	0.00063	0.004865	1
ENSG0000 response	Inflamed	VAC14	protein_cc chr16	70721342	70835064	-	8278	2679.938	0	-0.26791	0.075871	-3.53112	0.00063	0.004867	1
ENSG0000 response	Inflamed	SYPL2	protein_cc chr1	1.1E+08	1.1E+08	+	4033	45.10501	0.019093	-0.6776	0.191914	-3.53077	0.000631	0.00487	1
ENSG0000 response	Inflamed	IGLV2-33	IG_V_gene chr22	22930626	22931145	+	398	46.97136	0.031026	-0.93115	0.263725	-3.53075	0.000631	0.00487	1
ENSG0000 response	Inflamed	SEC22C	protein_cc chr3	42589461	42642572	-	8159	936.7064	0	-0.40107	0.113598	-3.53058	0.000631	0.004871	1
ENSG0000 response	Inflamed	METTL7AP	pseudoger chr12	52622877	52623372	-	496	0.871122	0.754177	0.273802	0.077553	3.530504	0.000631	0.004871	1
ENSG0000 response	Inflamed	FOXA2	protein_cc chr20	22561643	22566093	-	2603	801.2888	0.004773	0.855404	0.242307	3.530252	0.000632	0.004874	1
ENSG0000 response	Inflamed	AMPD2	protein_cc chr1	1.1E+08	1.1E+08	+	6828	2088.117	0	-0.42247	0.11968	-3.52997	0.000632	0.004877	1
ENSG0000 response	Inflamed	CACNG6	protein_cc chr19	54495542	54515923	+	1853	7.78043	0.188544	-0.75116	0.21281	-3.52973	0.000633	0.004879	1
ENSG0000 response	Inflamed	RPS4XP7	pseudoger chr6	13521498	13522277	+	780	12.30549	0.252983	0.788835	0.223501	3.529454	0.000633	0.004883	1
ENSG0000 response	Inflamed	TUFT1	protein_cc chr1	1.52E+08	1.52E+08	+	4017	1237.852	0	0.523421	0.148311	3.529222	0.000634	0.004885	1
ENSG0000 response	Inflamed	MYO5A	protein_cc chr15	52599480	52821247	-	13007	927.4678	0	-0.68787	0.194921	-3.52897	0.000635	0.004888	1
ENSG0000 response	Inflamed	SLC30A10	protein_cc chr1	2.2E+08	2.2E+08	-	5770	837.9093	0.011933	1.449052	0.410652	3.528659	0.000635	0.004891	1
ENSG0000 response	Inflamed	GLTPD1	protein_cc chr1	1260136	1264277	+	2556	2895.107	0	0.300418	0.085143	3.528398	0.000636	0.004894	1
ENSG0000 response	Inflamed	FOLH1	protein_cc chr11	49168187	49230222	-	3824	124.5274	0.02148	-1.10944	0.31444	-3.52831	0.000636	0.004894	1
ENSG0000 response	Inflamed	CES3	protein_cc chr16	66995140	67009051	+	4935	5811.332	0	0.92284	0.261612	3.527509	0.000638	0.004906	1
ENSG0000 response	Inflamed	IL26	protein_cc chr12	68595131	68619601	-	1075	9.575179	0.23389	-0.74808	0.212135	-3.52645	0.00064	0.004921	1
ENSG0000 response	Inflamed	ANKRD35	protein_cc chr1	1.46E+08	1.46E+08	+	3342	69.15036	0.002387	-0.53404	0.15144	-3.52643	0.00064	0.004921	1
ENSG0000 response	Inflamed	SPATC1	protein_cc chr8	1.45E+08	1.45E+08	+	1954	18.34845	0.047733	-0.74552	0.211429	-3.5261	0.000641	0.004925	1
ENSG0000 response	Inflamed	NTRK2	protein_cc chr9	87283466	87638505	+	16968	400.6921	0.011933	1.348031	0.382312	3.525996	0.000641	0.004925	1
ENSG0000 response	Inflamed	IL17C	protein_cc chr16	88704999	88706881	+	1379	12.46539	0.272076	-0.93987	0.266604	-3.52535	0.000642	0.004934	1
ENSG0000 response	Inflamed	AE000661	processed_chr14	22849083	22951948	-	3284	9.952267	0.116945	-0.67238	0.19073	-3.52527	0.000642	0.004934	1
ENSG0000 response	Inflamed	IER5L	protein_cc chr9	1.32E+08	1.32E+08	-	2706	591.3103	0	-0.47169	0.13381	-3.52505	0.000643	0.004936	1
ENSG0000 response	Inflamed	RSPO3	protein_cc chr6	1.27E+08	1.28E+08	+	3179	187.6563	0.01432	-1.08982	0.3092	-3.52465	0.000644	0.004942	1
ENSG0000 response	Inflamed	SLC5A11	protein_cc chr16	24857162	24922949	+	3415	38.35322	0.152745	1.013895	0.287695	3.5242	0.000645	0.004946	1
ENSG0000 response	Inflamed	RP3-395M	antisense chr1	2512999	2515972	+	626	86.15274	0	0.42646	0.121009	3.524198	0.000645	0.004946	1
ENSG0000 response	Inflamed	ZNF768	protein_cc chr16	30535325	30538142	-	2392	2460.971	0	0.339772	0.096422	3.523786	0.000646	0.004951	1
ENSG0000 response	Inflamed	IL18R1	protein_cc chr2	1.03E+08	1.03E+08	+	4336	309.5609	0	-0.8417	0.238865	-3.52373	0.000646	0.004951	1
ENSG0000 response	Inflamed	GOT1	protein_cc chr10	1.01E+08	1.01E+08	-	2648	2585.434	0	0.418018	0.118633	3.523609	0.000646	0.004952	1
ENSG0000 response	Inflamed	CPA5	protein_cc chr7	1.3E+08	1.3E+08	+	3058	5.011933	0.451074	-0.61897	0.175673	-3.5234	0.000646	0.004954	1
ENSG0000 response	Inflamed	BANK1	protein_cc chr4	1.02E+08	1.03E+08	+	6144	344.4415	0.002387	-1.00905	0.286414	-3.52305	0.000647	0.004958	1
ENSG0000 response	Inflamed	NUDT11	protein_cc chrX	51232863	51239448	-	2385	22.85919	0.016706	-0.61204	0.173735	-3.52283	0.000648	0.00496	1

ENSG0000 response	Inflamed	IGLV4-3	IG_V_gene	chr22	23213686	23214214	+	403	35.84726	0.042959	-1.01295	0.287563	-3.52253	0.000648	0.004964	1
ENSG0000 response	Inflamed	IGLV7-43	IG_V_gene	chr22	22749356	22749827	+	385	2570.928	0.002387	-1.1392	0.323425	-3.5223	0.000649	0.004966	1
ENSG0000 response	Inflamed	RP11-327F	sense_intr	chr16	50746755	50747500	+	746	12.1432	0.114558	-0.83394	0.236785	-3.52195	0.00065	0.004971	1
ENSG0000 response	Inflamed	HLA-DMA	protein_cc	chr6	32916390	32936871	-	2534	3383.432	0	-0.5139	0.14593	-3.52154	0.000651	0.004976	1
ENSG0000 response	Inflamed	ELL	protein_cc	chr19	18553473	18632937	-	4929	1406.527	0	-0.39411	0.11192	-3.52134	0.000651	0.004978	1
ENSG0000 response	Inflamed	CDH16	protein_cc	chr16	66942025	66952887	-	3656	16.66826	0.100239	0.937953	0.266386	3.521034	0.000652	0.004981	1
ENSG0000 response	Inflamed	RP11-390E	antisense	chr7	1.23E+08	1.23E+08	+	2099	237.179	0	0.505334	0.143528	3.520818	0.000652	0.004984	1
ENSG0000 response	Inflamed	ANKFN1	protein_cc	chr17	54188319	54589020	+	6923	9.634845	0.105012	0.70148	0.199263	3.520377	0.000653	0.004989	1
ENSG0000 response	Inflamed	PPP1R9B	protein_cc	chr17	48211104	48227991	-	4290	4272.162	0	-0.48245	0.137056	-3.52007	0.000654	0.004993	1
ENSG0000 response	Inflamed	RP11-672A	lincRNA	chr11	76365213	76367756	-	651	19.83294	0.042959	-0.61704	0.175299	-3.51991	0.000654	0.004994	1
ENSG0000 response	Inflamed	CD81	protein_cc	chr11	2397407	2418649	+	7394	11928.36	0	-0.41116	0.116817	-3.51974	0.000654	0.004994	1
ENSG0000 response	Inflamed	AHCYL2	protein_cc	chr7	1.29E+08	1.29E+08	+	6899	11921.99	0	0.728965	0.207107	3.519742	0.000654	0.004994	1
ENSG0000 response	Inflamed	OR51E1	protein_cc	chr11	4664650	4676718	+	3614	55.79475	0.004773	-0.70932	0.201544	-3.51943	0.000655	0.004998	1
ENSG0000 response	Inflamed	TICAM2	protein_cc	chr5	1.15E+08	1.15E+08	-	4205	14.52983	0.040573	-0.59852	0.170074	-3.51918	0.000656	0.005001	1
ENSG0000 response	Inflamed	RP4-669H	antisense	chr20	52014199	52029448	-	3280	4.236277	0.377088	0.583433	0.165805	3.518798	0.000657	0.005006	1
ENSG0000 response	Inflamed	RP13-20L1	antisense	chr17	80412149	80416397	-	456	23.01671	0.004773	-0.3439	0.09775	-3.51818	0.000658	0.005015	1
ENSG0000 response	Inflamed	TLR6	protein_cc	chr4	38825336	38858438	-	6035	244.7637	0.002387	-0.81968	0.232998	-3.51799	0.000658	0.005016	1
ENSG0000 response	Inflamed	CNNM1	protein_cc	chr10	1.01E+08	1.01E+08	+	6413	71.97852	0.00716	-0.57389	0.163139	-3.51782	0.000659	0.005018	1
ENSG0000 response	Inflamed	MPC2	protein_cc	chr1	1.68E+08	1.68E+08	-	2552	2377.282	0	0.366457	0.10418	3.517545	0.000659	0.005021	1
ENSG0000 response	Inflamed	GALNT8	protein_cc	chr12	4829507	4960277	+	3231	580.1146	0.002387	1.023344	0.290938	3.517392	0.00066	0.005021	1
ENSG0000 response	Inflamed	PTGDR	protein_cc	chr14	52734431	52743442	+	3033	367.7757	0	0.722086	0.205292	3.517361	0.00066	0.005021	1
ENSG0000 response	Inflamed	ZNF774	protein_cc	chr15	90895477	90909324	+	5457	271.5513	0	0.63553	0.180696	3.517123	0.00066	0.005024	1
ENSG0000 response	Inflamed	MANF	protein_cc	chr3	51422478	51426828	+	2111	2922.42	0	-0.40137	0.114123	-3.51702	0.00066	0.005024	1
ENSG0000 response	Inflamed	FKBP1B	protein_cc	chr2	24272571	24286551	+	1677	157.599	0	0.51448	0.146287	3.516934	0.000661	0.005024	1
ENSG0000 response	Inflamed	GRASP	protein_cc	chr12	52400724	52409673	+	2829	420.432	0	-0.61938	0.176137	-3.51645	0.000662	0.00503	1
ENSG0000 response	Inflamed	EPS8L3	protein_cc	chr1	1.1E+08	1.1E+08	-	3453	9052.248	0	0.767304	0.218207	3.516396	0.000662	0.00503	1
ENSG0000 response	Inflamed	AC007386	lincRNA	chr2	65128974	65132271	-	2928	13.47494	0.042959	-0.67388	0.191662	-3.51596	0.000663	0.005034	1
ENSG0000 response	Inflamed	RP11-533E	lincRNA	chr1	1.8E+08	1.8E+08	-	1257	5.324582	0.097852	-0.45129	0.128356	-3.51594	0.000663	0.005034	1
ENSG0000 response	Inflamed	RP11-420C	lincRNA	chr6	2854896	2881641	-	1455	64.5895	0.002387	-0.62642	0.17817	-3.51588	0.000663	0.005034	1
ENSG0000 response	Inflamed	RP3-407E4	pseudoger	chr6	64150671	64153485	+	968	3.245823	0.610979	0.653396	0.185846	3.515798	0.000663	0.005034	1
ENSG0000 response	Inflamed	RPL29P30	pseudoger	chr15	71088936	71095027	-	946	4.661098	0.48926	0.698606	0.198713	3.515647	0.000663	0.005034	1
ENSG0000 response	Inflamed	PNPLA7	protein_cc	chr9	1.4E+08	1.4E+08	-	8971	673.8234	0	0.532244	0.151395	3.515598	0.000664	0.005034	1
ENSG0000 response	Inflamed	RP11-359C	lincRNA	chr20	22656710	22665982	-	2781	1.446301	0.670644	-0.48765	0.138714	-3.51554	0.000664	0.005034	1
ENSG0000 response	Inflamed	RP11-150C	lincRNA	chr8	37454998	37457376	-	2379	292.463	0.00716	0.711238	0.202343	3.515011	0.000665	0.005041	1
ENSG0000 response	Inflamed	SMPD3	protein_cc	chr16	68392231	68482591	-	7163	4773.337	0	0.689218	0.196082	3.514953	0.000665	0.005041	1
ENSG0000 response	Inflamed	ZNF385C	protein_cc	chr17	40177594	40217383	-	5115	27.1957	0.011933	0.57746	0.164331	3.514008	0.000667	0.005056	1
ENSG0000 response	Inflamed	GP1BA	protein_cc	chr17	4835592	4838325	+	2501	101.9093	0.038186	-1.14944	0.327111	-3.5139	0.000667	0.005056	1
ENSG0000 response	Inflamed	SLC4A3	protein_cc	chr2	2.2E+08	2.21E+08	+	5091	66.55847	0.00716	-0.83524	0.237723	-3.51353	0.000668	0.005061	1
ENSG0000 response	Inflamed	ZNF33B	processed	chr10	43069633	43134016	-	2810	91.29356	0	0.374862	0.106738	3.511984	0.000672	0.005086	1
ENSG0000 response	Inflamed	CLIC4	protein_cc	chr1	25071848	25170815	+	4495	3204.368	0	-0.59317	0.16892	-3.51157	0.000673	0.005091	1

ENSG0000 response	Inflamed	CXCR5	protein_cc chr11	1.19E+08	1.19E+08	+	4431	478.8067	0.002387	-1.21663	0.346481	-3.51139	0.000673	0.005093	1
ENSG0000 response	Inflamed	SLC26A8	protein_cc chr6	35911291	35992645	-	6036	21.94511	0.023866	-0.90674	0.258251	-3.51108	0.000674	0.005097	1
ENSG0000 response	Inflamed	NAMPTL	protein_cc chr10	36810649	36813162	-	2514	54.81862	0.011933	-0.86336	0.245907	-3.51094	0.000674	0.005098	1
ENSG0000 response	Inflamed	ANXA13	protein_cc chr8	1.25E+08	1.25E+08	-	3806	542.2888	0.004773	0.902995	0.257201	3.510853	0.000674	0.005098	1
ENSG0000 response	Inflamed	TRHDE	protein_cc chr12	72481046	73059422	+	6835	118.0095	0.016706	0.985694	0.280764	3.510751	0.000674	0.005098	1
ENSG0000 response	Inflamed	LY86	protein_cc chr6	6588341	6655216	+	1254	167.1814	0	-0.58542	0.166766	-3.51042	0.000675	0.005101	1
ENSG0000 response	Inflamed	MARS	protein_cc chr12	57869228	57911352	+	7028	4072.272	0	-0.33513	0.09547	-3.51036	0.000675	0.005101	1
ENSG0000 response	Inflamed	OXCT2P1	pseudoger chr1	39980628	39982162	+	1535	14.24344	0.038186	-0.51572	0.146915	-3.51033	0.000675	0.005101	1
ENSG0000 response	Inflamed	CTD-2509C	lincRNA chr14	65703198	65785508	-	1118	9.405728	0.138425	-0.71769	0.204469	-3.51001	0.000676	0.005105	1
ENSG0000 response	Inflamed	CDH15	protein_cc chr16	89238175	89261900	+	4628	9.057279	0.069212	-0.56526	0.161059	-3.50963	0.000677	0.00511	1
ENSG0000 response	Inflamed	ADAMTS3	protein_cc chr4	73146686	73434516	-	6585	44.25537	0.019093	-0.81276	0.231587	-3.50952	0.000677	0.00511	1
ENSG0000 response	Inflamed	AC109642	lincRNA chr2	30569525	30575297	+	2952	11.08592	0.066826	-0.61122	0.174197	-3.50875	0.000679	0.005122	1
ENSG0000 response	Inflamed	LRMP	protein_cc chr12	25173936	25261268	+	5159	529.8831	0	-0.84654	0.241301	-3.50823	0.00068	0.005129	1
ENSG0000 response	Inflamed	GNAS	protein_cc chr20	57414773	57486247	+	13320	27775.6	0	-0.19464	0.055494	-3.50734	0.000682	0.005143	1
ENSG0000 response	Inflamed	GNG11	protein_cc chr7	93551011	93557922	+	3055	617.4153	0	-0.63199	0.180205	-3.50705	0.000683	0.005147	1
ENSG0000 response	Inflamed	ERBB2	protein_cc chr17	37844167	37886679	+	10321	11369.23	0	0.520993	0.148574	3.506628	0.000684	0.005152	1
ENSG0000 response	Inflamed	RP11-549E	antisense chr18	29265618	29266786	+	1169	59.95704	0.002387	0.460559	0.131345	3.506485	0.000684	0.005153	1
ENSG0000 response	Inflamed	CMBL	protein_cc chr5	10275987	10308138	-	3324	4405.444	0	0.648101	0.184843	3.50622	0.000685	0.005156	1
ENSG0000 response	Inflamed	ISG20	protein_cc chr15	89179384	89199714	+	7363	2719.723	0	-0.47748	0.136184	-3.50618	0.000685	0.005156	1
ENSG0000 response	Inflamed	VDR	protein_cc chr12	48235320	48336831	-	5674	7265.01	0	0.461316	0.131584	3.505863	0.000686	0.00516	1
ENSG0000 response	Inflamed	RP11-669M	lincRNA chr4	14166079	14244437	+	649	1.420048	0.670644	-0.48022	0.137005	-3.50515	0.000687	0.00517	1
ENSG0000 response	Inflamed	PPP1R16A	protein_cc chr8	1.46E+08	1.46E+08	+	5414	3708.439	0	0.363842	0.103803	3.50511	0.000687	0.00517	1
ENSG0000 response	Inflamed	SH2D6	protein_cc chr2	85645844	85664152	+	3858	130.6062	0.011933	1.011158	0.288492	3.504984	0.000688	0.00517	1
ENSG0000 response	Inflamed	AC006129	lincRNA chr19	42041545	42043266	+	1722	62.86158	0.002387	-0.775	0.221133	-3.50465	0.000688	0.005174	1
ENSG0000 response	Inflamed	UAP1L1	protein_cc chr9	1.4E+08	1.4E+08	+	5283	923.5537	0	-0.42199	0.120411	-3.50458	0.000688	0.005174	1
ENSG0000 response	Inflamed	DCHS1	protein_cc chr11	6642556	6677085	-	10763	2574.167	0	-0.63162	0.180232	-3.50446	0.000689	0.005175	1
ENSG0000 response	Inflamed	GIMAP5	protein_cc chr7	1.5E+08	1.5E+08	+	6031	1266.671	0	-0.49823	0.142174	-3.50436	0.000689	0.005175	1
ENSG0000 response	Inflamed	CTD-2521M	lincRNA chr19	17516503	17529713	+	2525	228.5895	0	-0.4432	0.126497	-3.50368	0.000691	0.005185	1
ENSG0000 response	Inflamed	ARHGEF10	protein_cc chr1	17866330	18024369	+	7847	4622.119	0	0.405726	0.115823	3.502979	0.000692	0.005196	1
ENSG0000 response	Inflamed	KB-1410C5	lincRNA chr8	1.02E+08	1.02E+08	+	731	1.085919	0.73031	0.329443	0.094065	3.502311	0.000694	0.005206	1
ENSG0000 response	Inflamed	PHLPP1	protein_cc chr18	60382672	60647666	+	9153	1252.492	0	0.45733	0.130584	3.502183	0.000694	0.005207	1
ENSG0000 response	Inflamed	TNFAIP8	protein_cc chr5	1.19E+08	1.19E+08	+	9591	859.2721	0	-0.56667	0.161823	-3.50181	0.000695	0.005212	1
ENSG0000 response	Inflamed	GPR110	protein_cc chr6	46965440	47010099	-	12401	338.3365	0.01432	-1.38901	0.396661	-3.50174	0.000695	0.005212	1
ENSG0000 response	Inflamed	MXRA8	protein_cc chr1	1288069	1297157	-	3371	2146.406	0	-0.66898	0.191051	-3.50159	0.000695	0.005213	1
ENSG0000 response	Inflamed	SNORA67	processed_chr17	7476144	7485342	+	4554	676.3914	0	-0.24108	0.068859	-3.50102	0.000697	0.005221	1
ENSG0000 response	Inflamed	SLC6A12	protein_cc chr12	299243	323736	-	5683	123.6158	0.00716	0.64497	0.184239	3.500721	0.000697	0.005225	1
ENSG0000 response	Inflamed	TNN	protein_cc chr1	1.75E+08	1.75E+08	+	5008	26.3747	0.026253	-0.74479	0.212773	-3.50039	0.000698	0.005228	1
ENSG0000 response	Inflamed	EIF3LP2	pseudoger chr10	43062125	43062931	+	807	3.252983	0.326969	0.443763	0.126775	3.500388	0.000698	0.005228	1
ENSG0000 response	Inflamed	SV2A	protein_cc chr1	1.5E+08	1.5E+08	-	4824	239.2243	0.002387	-0.62931	0.17981	-3.49988	0.000699	0.005235	1
ENSG0000 response	Inflamed	RAB11FIP1	protein_cc chr8	37716136	37756985	-	9602	10277.99	0	0.476083	0.13605	3.499318	0.000701	0.005243	1

ENSG0000 response	Inflamed	USP2	protein_cc chr11	1.19E+08	1.19E+08	-	4538	1089.535	0	0.895256	0.255863	3.498967	0.000701	0.005248	1
ENSG0000 response	Inflamed	CYB5R1	protein_cc chr1	2.03E+08	2.03E+08	-	4504	1018.561	0	-0.26286	0.075136	-3.49848	0.000703	0.005255	1
ENSG0000 response	Inflamed	CYP21A2	protein_cc chr6	32006042	32009447	+	2909	11.39618	0.126492	-0.724	0.206984	-3.49783	0.000704	0.005264	1
ENSG0000 response	Inflamed	AC108004	miRNA chr17	4961	5048	-	88	0.937947	0.78043	-0.39806	0.113806	-3.49773	0.000704	0.005264	1
ENSG0000 response	Inflamed	CLMN	protein_cc chr14	95648277	95786243	-	15701	5691.217	0	0.591867	0.169216	3.497697	0.000704	0.005264	1
ENSG0000 response	Inflamed	P2RX4	protein_cc chr12	1.22E+08	1.22E+08	+	8159	2637.043	0	0.33118	0.094712	3.496716	0.000707	0.00528	1
ENSG0000 response	Inflamed	CLIP4	protein_cc chr2	29320571	29412509	+	7775	266.0024	0.002387	-0.69049	0.197488	-3.49634	0.000708	0.005285	1
ENSG0000 response	Inflamed	RHOQP1	pseudoger chr14	50066712	50067290	+	579	31.52983	0.009547	0.470732	0.134651	3.495952	0.000709	0.005291	1
ENSG0000 response	Inflamed	IL12RB2	protein_cc chr1	67773047	67862583	+	4233	70.55131	0.011933	-0.68581	0.196179	-3.49586	0.000709	0.005291	1
ENSG0000 response	Inflamed	CNPPD1	protein_cc chr2	2.2E+08	2.2E+08	-	2760	4871.174	0	0.291676	0.08344	3.495656	0.000709	0.005293	1
ENSG0000 response	Inflamed	RP11-265F	lincRNA chrX	39164210	39186616	-	1773	6.48926	0.360382	-0.69476	0.198781	-3.4951	0.000711	0.005301	1
ENSG0000 response	Inflamed	TNFSF13B	protein_cc chr13	1.09E+08	1.09E+08	+	3059	306.4344	0	-0.73126	0.209248	-3.49468	0.000712	0.005307	1
ENSG0000 response	Inflamed	POU2F3	protein_cc chr11	1.2E+08	1.2E+08	+	6645	98.00239	0.009547	0.826026	0.236389	3.494345	0.000712	0.00531	1
ENSG0000 response	Inflamed	RP11-415C	lincRNA chr4	27219101	27283847	+	2802	1.145585	0.75895	0.32144	0.091989	3.494328	0.000712	0.00531	1
ENSG0000 response	Inflamed	SLC44A4	protein_cc chr6	31830969	31846823	-	3369	26353.78	0	0.71281	0.204	3.494169	0.000713	0.005312	1
ENSG0000 response	Inflamed	HCG22	lincRNA chr6	31021227	31027667	+	2183	1.591885	0.725537	-0.45834	0.131182	-3.4939	0.000713	0.005315	1
ENSG0000 response	Inflamed	SLC39A13	protein_cc chr11	47428683	47438047	+	4579	1590.06	0	-0.39466	0.112982	-3.49312	0.000715	0.005327	1
ENSG0000 response	Inflamed	KANK3	protein_cc chr19	8387468	8408146	-	3214	316.3031	0	-0.63438	0.181639	-3.49251	0.000717	0.005336	1
ENSG0000 response	Inflamed	PTPRD	protein_cc chr9	8314246	10612723	-	11081	1114.835	0	0.765151	0.219116	3.491986	0.000718	0.005344	1
ENSG0000 response	Inflamed	TRAF4	protein_cc chr17	27071002	27077974	+	4594	2934.305	0	0.261159	0.074796	3.491623	0.000719	0.005349	1
ENSG0000 response	Inflamed	KAL1	protein_cc chrX	8496915	8700227	-	7131	77.62053	0.009547	-0.73382	0.2102	-3.49105	0.00072	0.005358	1
ENSG0000 response	Inflamed	HEPHL1	protein_cc chr11	93754527	93846917	+	5345	12.4463	0.522673	-1.08699	0.311386	-3.49081	0.000721	0.005361	1
ENSG0000 response	Inflamed	RP11-119I	lincRNA chr11	67653948	67673821	+	3962	36.84964	0.009547	0.746128	0.213765	3.490409	0.000722	0.005366	1
ENSG0000 response	Inflamed	GPA33	protein_cc chr1	1.67E+08	1.67E+08	-	3003	29157.94	0	0.91075	0.260945	3.490198	0.000722	0.005369	1
ENSG0000 response	Inflamed	RP11-345M	lincRNA chr16	79750622	79804460	-	1725	6.608592	0.171838	0.51147	0.146583	3.489294	0.000724	0.005383	1
ENSG0000 response	Inflamed	STX2	protein_cc chr12	1.31E+08	1.31E+08	-	3723	434.6683	0	-0.66821	0.191527	-3.48886	0.000725	0.005389	1
ENSG0000 response	Inflamed	AC074363	lincRNA chr2	1.68E+08	1.68E+08	+	462	9.823389	0.150358	0.686548	0.196788	3.488772	0.000726	0.005389	1
ENSG0000 response	Inflamed	TRIM8	protein_cc chr10	1.04E+08	1.04E+08	+	2916	4075.604	0	-0.37353	0.107068	-3.48873	0.000726	0.005389	1
ENSG0000 response	Inflamed	TNFRSF11	protein_cc chr18	59992520	60058516	+	8984	3536.169	0	0.619133	0.177501	3.488054	0.000727	0.005399	1
ENSG0000 response	Inflamed	RP11-163M	lincRNA chr8	61297147	61429354	-	4428	16.65394	0.031026	0.698119	0.200157	3.487856	0.000728	0.005401	1
ENSG0000 response	Inflamed	RP11-47I2	protein_cc chr14	62037258	62125414	+	2653	15.25537	0.031026	-0.75294	0.215878	-3.48779	0.000728	0.005401	1
ENSG0000 response	Inflamed	A1BG	protein_cc chr19	58856544	58864865	-	4006	8.577566	0.073986	-0.55819	0.160051	-3.4876	0.000729	0.005403	1
ENSG0000 response	Inflamed	ATP5H	protein_cc chr17	73034958	73043080	-	3231	3343.532	0	0.366889	0.105201	3.487496	0.000729	0.005403	1
ENSG0000 response	Inflamed	POLR2H	protein_cc chr3	1.84E+08	1.84E+08	+	3146	1840.747	0	0.283967	0.081453	3.486263	0.000732	0.005424	1
ENSG0000 response	Inflamed	MT-TA	Mt_tRNA chrM	5587	5655	-	69	6.608592	0.126492	0.505423	0.144982	3.486112	0.000732	0.005425	1
ENSG0000 response	Inflamed	AC006126	lincRNA chr19	45741890	45748628	-	460	68.11695	0.026253	-0.77825	0.223269	-3.48569	0.000733	0.005431	1
ENSG0000 response	Inflamed	SDHA	protein_cc chr5	218356	256815	+	8383	10006.33	0	0.329625	0.094575	3.485336	0.000734	0.005436	1
ENSG0000 response	Inflamed	UCK2	protein_cc chr1	1.66E+08	1.66E+08	+	6756	2077.363	0	0.283162	0.081247	3.4852	0.000734	0.005437	1
ENSG0000 response	Inflamed	GRHL2	protein_cc chr8	1.03E+08	1.03E+08	+	6060	1355.026	0.004773	0.837922	0.24048	3.48437	0.000736	0.005451	1
ENSG0000 response	Inflamed	LPAR5	protein_cc chr12	6728001	6745613	-	3258	1411.823	0	0.408253	0.117173	3.484179	0.000737	0.005452	1

ENSG0000 response	Inflamed	U3	lincRNA	chr18	24267585	24283602	-	2598	12.73508	0.150358	0.757801	0.217549	3.483367	0.000739	0.005466	1
ENSG0000 response	Inflamed	GIMAP6	protein_cc	chr7	1.5E+08	1.5E+08	-	3440	1309.986	0	-0.50783	0.145814	-3.48274	0.00074	0.005475	1
ENSG0000 response	Inflamed	CTA-250D	lincRNA	chr22	42318027	42319104	-	1078	182.568	0.002387	-0.98024	0.281472	-3.48256	0.000741	0.005477	1
ENSG0000 response	Inflamed	STAT4	protein_cc	chr2	1.92E+08	1.92E+08	-	4250	202.1814	0	-0.70441	0.202301	-3.48197	0.000742	0.005487	1
ENSG0000 response	Inflamed	LAD1	protein_cc	chr1	2.01E+08	2.01E+08	-	3237	9840.57	0	0.461479	0.132564	3.481169	0.000744	0.0055	1
ENSG0000 response	Inflamed	ZNF395	protein_cc	chr8	28203102	28260218	-	5819	1892.22	0	0.341232	0.098073	3.479379	0.000749	0.00553	1
ENSG0000 response	Inflamed	RP11-347C	sense_intr	chr8	95962265	95963624	+	709	17.49881	0.033413	-0.73789	0.212077	-3.47934	0.000749	0.00553	1
ENSG0000 response	Inflamed	HRSP12	protein_cc	chr8	99114572	99129469	-	1567	326.9928	0	0.405376	0.116532	3.478662	0.000751	0.005541	1
ENSG0000 response	Inflamed	MIR4477B	miRNA	chr9	68415308	68415388	+	81	5.188544	0.22673	-0.57874	0.166391	-3.47819	0.000752	0.005548	1
ENSG0000 response	Inflamed	C9orf66	protein_cc	chr9	213108	215893	-	2786	14.75656	0.02148	-0.48046	0.138153	-3.47774	0.000753	0.005555	1
ENSG0000 response	Inflamed	SERPINB2	protein_cc	chr18	61538926	61571124	+	2748	16.358	0.429594	-1.32409	0.381099	-3.47439	0.000761	0.005615	1
ENSG0000 response	Inflamed	IRAK3	protein_cc	chr12	66582659	66648402	+	10004	949.8902	0	-0.80492	0.231679	-3.47428	0.000762	0.005616	1
ENSG0000 response	Inflamed	BCAS1	protein_cc	chr20	52553316	52687304	-	9024	6182.148	0	0.854377	0.24606	3.472228	0.000767	0.005653	1
ENSG0000 response	Inflamed	ZDHHC18	protein_cc	chr1	27153201	27184093	+	5436	2778.893	0	-0.39931	0.11503	-3.47135	0.000769	0.005667	1
ENSG0000 response	Inflamed	SEMA3B	processed_chr	3	50304990	50314977	+	5767	3257.847	0	0.510896	0.147184	3.471149	0.000769	0.00567	1
ENSG0000 response	Inflamed	LMO4	protein_cc	chr1	87794151	87814606	+	5833	1948.279	0	-0.33778	0.097326	-3.47064	0.000771	0.005678	1
ENSG0000 response	Inflamed	COX5B	protein_cc	chr2	98262503	98264846	+	1441	4919.234	0	0.431216	0.124263	3.470199	0.000772	0.005684	1
ENSG0000 response	Inflamed	XKR8	protein_cc	chr1	28285973	28294607	+	2743	632.79	0	-0.28213	0.081308	-3.4699	0.000773	0.005688	1
ENSG0000 response	Inflamed	RP11-284M	lincRNA	chr1	1.11E+08	1.11E+08	-	3481	301.0549	0.002387	-1.00858	0.290682	-3.46971	0.000773	0.005689	1
ENSG0000 response	Inflamed	P2RY1	protein_cc	chr3	1.53E+08	1.53E+08	+	3106	390.6086	0.002387	0.906542	0.261274	3.469701	0.000773	0.005689	1
ENSG0000 response	Inflamed	ADIPOR2	protein_cc	chr12	1797740	1897844	+	5878	4946.988	0	0.375507	0.108245	3.469032	0.000775	0.0057	1
ENSG0000 response	Inflamed	FZD10-AS1	processed_chr	12	1.31E+08	1.31E+08	-	5464	132.2267	0	-0.61341	0.176831	-3.46893	0.000775	0.0057	1
ENSG0000 response	Inflamed	COLGALT1	protein_cc	chr19	17666403	17693971	+	4900	5115.785	0	-0.30124	0.086841	-3.46886	0.000775	0.0057	1
ENSG0000 response	Inflamed	SAMHD1	protein_cc	chr20	35518632	35580246	-	5214	4151.695	0	-0.54074	0.155898	-3.46858	0.000776	0.005704	1
ENSG0000 response	Inflamed	EVC2	protein_cc	chr4	5544499	5711275	-	5509	122.0525	0.002387	-0.58242	0.167929	-3.46823	0.000777	0.005709	1
ENSG0000 response	Inflamed	MISP	protein_cc	chr19	751126	764319	+	2872	25611.41	0	0.752521	0.216986	3.468059	0.000777	0.00571	1
ENSG0000 response	Inflamed	RTBDN	protein_cc	chr19	12936292	12946242	-	2675	5.97136	0.178998	0.581105	0.167631	3.466572	0.000781	0.005737	1
ENSG0000 response	Inflamed	FAM19A5	protein_cc	chr22	48885272	49246724	+	3173	83.83532	0.004773	-0.66815	0.192757	-3.46627	0.000782	0.005741	1
ENSG0000 response	Inflamed	BTN1A1	protein_cc	chr6	26501449	26510650	+	2895	14.48687	0.083532	-0.79382	0.22902	-3.46615	0.000782	0.005742	1
ENSG0000 response	Inflamed	NXPH4	protein_cc	chr12	57610578	57620232	+	2150	11.2673	0.066826	-0.67127	0.193688	-3.46574	0.000783	0.005748	1
ENSG0000 response	Inflamed	BTBD11	protein_cc	chr12	1.08E+08	1.08E+08	+	7924	110.0167	0.011933	-0.69199	0.19967	-3.46565	0.000784	0.005748	1
ENSG0000 response	Inflamed	ABCA12	protein_cc	chr2	2.16E+08	2.16E+08	-	9416	352.5656	0.164678	-1.6183	0.466962	-3.46559	0.000784	0.005748	1
ENSG0000 response	Inflamed	RP11-547I	antisense	chr1	1944652	1946969	-	1954	2.24821	0.49642	-0.47157	0.136085	-3.46529	0.000785	0.005752	1
ENSG0000 response	Inflamed	IL18BP	protein_cc	chr11	71709587	71716761	+	4323	1142.332	0	-0.35632	0.102837	-3.4649	0.000786	0.005758	1
ENSG0000 response	Inflamed	RP11-757C	antisense	chr11	68708971	68710320	-	569	1.529833	0.692124	-0.50051	0.144464	-3.46458	0.000786	0.005762	1
ENSG0000 response	Inflamed	RP11-644F	protein_cc	chr12	56109820	56118487	+	3510	210.5632	0	0.59833	0.172714	3.464292	0.000787	0.005766	1
ENSG0000 response	Inflamed	ST6GAL2	protein_cc	chr2	1.07E+08	1.08E+08	-	7708	82.48687	0.064439	1.389037	0.400989	3.464028	0.000788	0.005769	1
ENSG0000 response	Inflamed	SMIM19	protein_cc	chr8	42396298	42409603	+	3323	613.6778	0	0.299852	0.086563	3.463981	0.000788	0.005769	1
ENSG0000 response	Inflamed	MIR196A1	miRNA	chr17	46709852	46709921	-	70	33.28878	0.057279	0.791136	0.22841	3.463661	0.000789	0.005773	1
ENSG0000 response	Inflamed	UGT1A7	protein_cc	chr2	2.35E+08	2.35E+08	+	4167	5.799523	0.324582	0.61934	0.178854	3.462828	0.000791	0.005788	1

ENSG0000 response	Inflamed	ABTB1	protein_cc chr3	1.27E+08	1.27E+08 +	6154	1571.014	0	-0.44504	0.128524	-3.46274	0.000791	0.005788	1
ENSG0000 response	Inflamed	PIK3CG	protein_cc chr7	1.07E+08	1.07E+08 +	5930	557.2578	0	-0.74649	0.21559	-3.46252	0.000792	0.00579	1
ENSG0000 response	Inflamed	C21orf33	protein_cc chr21	45553487	45565605 +	3108	2987.403	0	0.225641	0.065172	3.462234	0.000793	0.005794	1
ENSG0000 response	Inflamed	GBA3	polymorpt chr4	22694537	22821198 +	2932	303.1289	0.00716	1.214139	0.35084	3.460661	0.000797	0.005822	1
ENSG0000 response	Inflamed	TMEM63C	protein_cc chr14	77582911	77725838 +	6363	386.6134	0.004773	0.891447	0.257597	3.460633	0.000797	0.005822	1
ENSG0000 response	Inflamed	OR4C6	protein_cc chr11	55432614	55433671 +	1058	2.038186	0.606205	-0.58453	0.168936	-3.46005	0.000798	0.005831	1
ENSG0000 response	Inflamed	IDO1	protein_cc chr8	39759794	39785963 +	3261	1476.635	0	-1.40047	0.404767	-3.45994	0.000799	0.005832	1
ENSG0000 response	Inflamed	MIR142	antisense chr17	56408245	56409869 -	1625	464.5489	0	-0.77766	0.224843	-3.45868	0.000802	0.005855	1
ENSG0000 response	Inflamed	RP4-798A1	pseudoger chr1	1.71E+08	1.71E+08 +	232	6.732697	0.202864	0.589282	0.170394	3.458359	0.000803	0.005858	1
ENSG0000 response	Inflamed	STAR	protein_cc chr8	38001167	38008783 -	3767	8.210024	0.27685	-0.78568	0.227189	-3.45827	0.000803	0.005858	1
ENSG0000 response	Inflamed	RTN4RL2	protein_cc chr11	57228022	57245007 +	2387	39.36754	0.009547	-0.57296	0.16568	-3.45825	0.000803	0.005858	1
ENSG0000 response	Inflamed	LCMT1	protein_cc chr16	25123050	25189552 +	2606	1120.351	0	0.244771	0.070781	3.458129	0.000803	0.005859	1
ENSG0000 response	Inflamed	CSF1R	protein_cc chr5	1.49E+08	1.49E+08 -	5151	5543.723	0	-0.47151	0.136371	-3.45753	0.000805	0.005868	1
ENSG0000 response	Inflamed	SLC1A7	protein_cc chr1	53552855	53608289 -	4237	78.70883	0.047733	1.071005	0.309765	3.457475	0.000805	0.005868	1
ENSG0000 response	Inflamed	DKK3	protein_cc chr11	11984653	12031316 -	5059	2608.752	0	-0.63027	0.182296	-3.45739	0.000805	0.005868	1
ENSG0000 response	Inflamed	CD70	protein_cc chr19	6583194	6604114 -	1532	51.59666	0.026253	-0.96976	0.280502	-3.45722	0.000806	0.00587	1
ENSG0000 response	Inflamed	BHLHE40	protein_cc chr3	5020801	5027008 +	3837	5131.451	0	-0.44841	0.129716	-3.45687	0.000807	0.005875	1
ENSG0000 response	Inflamed	MXI1	protein_cc chr10	1.12E+08	1.12E+08 +	4607	2496.305	0	0.631553	0.182717	3.456456	0.000808	0.005881	1
ENSG0000 response	Inflamed	RP11-276t	antisense chr1	16481706	16483824 +	904	52.90215	0.004773	0.565749	0.163681	3.456418	0.000808	0.005881	1
ENSG0000 response	Inflamed	AGAP2-AS	protein_cc chr12	58120054	58122139 +	1500	225.1862	0	-0.42626	0.123332	-3.45623	0.000808	0.005883	1
ENSG0000 response	Inflamed	TOB1	protein_cc chr17	48939584	48945339 -	2521	2746.671	0	0.408811	0.118292	3.455949	0.000809	0.005886	1
ENSG0000 response	Inflamed	RHOBTB2	protein_cc chr8	22844930	22877712 +	6580	962.7375	0	-0.47595	0.137764	-3.45478	0.000812	0.005908	1
ENSG0000 response	Inflamed	LEF1-AS1	processed_chr4	1.09E+08	1.09E+08 +	4799	9.637232	0.059666	-0.47908	0.13869	-3.4543	0.000814	0.005915	1
ENSG0000 response	Inflamed	RP3-512B1	antisense chr6	7540684	7541571 -	888	26.42005	0	0.45141	0.130695	3.453924	0.000815	0.005921	1
ENSG0000 response	Inflamed	GATA3	protein_cc chr10	8095567	8117161 +	3253	126.389	0.004773	-0.53522	0.154978	-3.4535	0.000816	0.005928	1
ENSG0000 response	Inflamed	PHLDA1	protein_cc chr12	76419227	76427712 -	8069	2641.68	0	-0.79049	0.228967	-3.45242	0.000819	0.005947	1
ENSG0000 response	Inflamed	FCGR1C	pseudoger chr1	1.49E+08	1.49E+08 +	2167	13.77566	0.140811	-0.85001	0.246236	-3.452	0.00082	0.005954	1
ENSG0000 response	Inflamed	POPDC2	protein_cc chr3	1.19E+08	1.19E+08 -	2445	68.47017	0	-0.41935	0.121495	-3.45161	0.000821	0.00596	1
ENSG0000 response	Inflamed	RP11-359E	lincRNA chr11	19732480	19734165 -	1686	4.856802	0.281623	-0.65335	0.189343	-3.4506	0.000824	0.005978	1
ENSG0000 response	Inflamed	MGAM	protein_cc chr7	1.42E+08	1.42E+08 +	10767	642.1169	0.002387	-1.27003	0.368079	-3.45042	0.000824	0.005979	1
ENSG0000 response	Inflamed	LPL	protein_cc chr8	19759228	19824769 +	4382	214.8019	0.00716	-0.79362	0.230009	-3.45037	0.000824	0.005979	1
ENSG0000 response	Inflamed	AP000569	lincRNA chr21	35339403	35340874 -	591	2.159905	0.536993	-0.44205	0.128128	-3.45008	0.000825	0.005984	1
ENSG0000 response	Inflamed	MAPKAPK1	protein_cc chr12	1.12E+08	1.12E+08 +	5576	1320.215	0	0.303841	0.088073	3.44989	0.000826	0.005986	1
ENSG0000 response	Inflamed	WNT11	protein_cc chr11	75897369	75921780 -	2401	70.54893	0.002387	0.826179	0.239507	3.449501	0.000827	0.005991	1
ENSG0000 response	Inflamed	IGKV2-26	IG_V_pseu chr2	89495584	89496317 -	343	31.88305	0.047733	-0.88773	0.257354	-3.44945	0.000827	0.005991	1
ENSG0000 response	Inflamed	SULF1	protein_cc chr8	70378859	70573150 +	9404	1649.8	0	-0.72971	0.211578	-3.44889	0.000828	0.006001	1
ENSG0000 response	Inflamed	PIP5KL1	protein_cc chr9	1.31E+08	1.31E+08 -	3341	20.29356	0.009547	-0.47725	0.138389	-3.44861	0.000829	0.006004	1
ENSG0000 response	Inflamed	INHBE	protein_cc chr12	57846106	57853063 +	3015	4.968974	0.315036	-0.71899	0.20849	-3.44854	0.000829	0.006004	1
ENSG0000 response	Inflamed	GCM1	protein_cc chr6	52991762	53013627 -	2765	2.455847	0.544153	-0.52528	0.152348	-3.44792	0.000831	0.006013	1
ENSG0000 response	Inflamed	GJD3	protein_cc chr17	38517235	38520067 -	1044	71.4463	0.00716	-0.66926	0.194108	-3.44789	0.000831	0.006013	1

ENSG0000 response	Inflamed	ASB13	protein_cc chr10	5680830	5708558	-	3003	1431.06	0	0.380752	0.110432	3.44783	0.000831	0.006013	1
ENSG0000 response	Inflamed	LPCAT4	protein_cc chr15	34651106	34659479	-	3781	5116.227	0	0.313245	0.090869	3.4472	0.000833	0.006024	1
ENSG0000 response	Inflamed	ADAMTS7	protein_cc chr15	79051545	79103773	-	7730	647.8091	0	-0.63371	0.183855	-3.4468	0.000834	0.00603	1
ENSG0000 response	Inflamed	ADAMTS9	protein_cc chr3	64501333	64673676	-	10693	1088.647	0	-0.75234	0.218308	-3.44623	0.000836	0.00604	1
ENSG0000 response	Inflamed	FAM225B	lincRNA chr9	1.16E+08	1.16E+08	-	7407	17.09308	0.026253	-0.60333	0.175077	-3.44606	0.000836	0.006042	1
ENSG0000 response	Inflamed	CTD-2545I	lincRNA chr19	50990067	50990895	-	626	7.434368	0.181384	-0.72251	0.209711	-3.44527	0.000838	0.006056	1
ENSG0000 response	Inflamed	NMB	protein_cc chr15	85198360	85201794	-	1022	88.13604	0	-0.48831	0.141753	-3.44482	0.00084	0.006063	1
ENSG0000 response	Inflamed	RP11-588k	sense_ove chr4	1.57E+08	1.57E+08	+	2615	149.6587	0.009547	-0.98551	0.28619	-3.44355	0.000843	0.006087	1
ENSG0000 response	Inflamed	AC005355	lincRNA chr5	1.34E+08	1.34E+08	+	1107	200.5967	0.004773	0.639862	0.18585	3.442895	0.000845	0.006099	1
ENSG0000 response	Inflamed	LNx1	protein_cc chr4	54325468	54567572	-	5725	482.5131	0	0.587776	0.170728	3.44277	0.000845	0.006099	1
ENSG0000 response	Inflamed	ZSWIM5	protein_cc chr1	45482071	45771881	-	6046	778.2601	0	0.597188	0.173464	3.442713	0.000845	0.006099	1
ENSG0000 response	Inflamed	PTPN3	protein_cc chr9	1.12E+08	1.12E+08	-	10071	2146.093	0	0.568125	0.165046	3.442213	0.000847	0.006107	1
ENSG0000 response	Inflamed	RP13-870I	lincRNA chr11	1049880	1055284	+	629	37.91885	0.009547	0.623634	0.181196	3.441773	0.000848	0.006114	1
ENSG0000 response	Inflamed	IGHD	IG_C_gene chr14	1.06E+08	1.06E+08	-	1678	660.8711	0.00716	-1.39828	0.406293	-3.44156	0.000849	0.006117	1
ENSG0000 response	Inflamed	MGAT5B	protein_cc chr17	74864538	74946475	+	6386	32.90215	0.026253	-0.82714	0.24035	-3.4414	0.000849	0.006118	1
ENSG0000 response	Inflamed	FLT3	protein_cc chr13	28577411	28674729	-	4168	63.21241	0.009547	-0.69706	0.202554	-3.44134	0.000849	0.006118	1
ENSG0000 response	Inflamed	AP001471	antisense chr21	47513178	47517444	-	672	3.825776	0.291169	-0.5625	0.163462	-3.44115	0.00085	0.00612	1
ENSG0000 response	Inflamed	RP11-12A2	pseudoger chr6	1.4E+08	1.4E+08	+	1473	2.794749	0.553699	-0.58991	0.171466	-3.44038	0.000852	0.006134	1
ENSG0000 response	Inflamed	RRAS2	protein_cc chr11	14299472	14386052	-	3467	689.8138	0	0.335029	0.097383	3.440329	0.000852	0.006134	1
ENSG0000 response	Inflamed	KCNK1	protein_cc chr1	2.34E+08	2.34E+08	+	3542	1338.086	0	0.542631	0.157733	3.440188	0.000852	0.006135	1
ENSG0000 response	Inflamed	MTMR8	protein_cc chrX	63444187	63615333	-	3813	63.94749	0.004773	0.557637	0.162104	3.439986	0.000853	0.006137	1
ENSG0000 response	Inflamed	AC017074	lincRNA chr2	1.14E+08	1.14E+08	-	561	53.1074	0.00716	0.441622	0.128399	3.439438	0.000855	0.006147	1
ENSG0000 response	Inflamed	LGALS3	protein_cc chr14	55590828	55612126	+	2392	42441.57	0	0.473876	0.137786	3.439213	0.000855	0.006149	1
ENSG0000 response	Inflamed	MMRN2	protein_cc chr10	88695297	88729238	-	5334	1468.589	0	-0.71786	0.208747	-3.43892	0.000856	0.006153	1
ENSG0000 response	Inflamed	SLC25A3	protein_cc chr12	98987369	98995946	+	4685	16162.68	0	0.238107	0.069239	3.438893	0.000856	0.006153	1
ENSG0000 response	Inflamed	SHANK3	protein_cc chr22	51112843	51171726	+	7515	1414.718	0	-0.74838	0.217641	-3.43859	0.000857	0.006157	1
ENSG0000 response	Inflamed	RP11-120k	sense_intr chr13	1.14E+08	1.14E+08	+	649	3.572792	0.334129	0.508772	0.147993	3.437804	0.000859	0.006171	1
ENSG0000 response	Inflamed	CTD-2319I	processed_chr17	58160927	58169246	-	1099	52.40095	0.002387	-0.74217	0.215927	-3.43711	0.000861	0.006184	1
ENSG0000 response	Inflamed	MAP3K7Cl	protein_cc chr21	30449792	30548210	+	4497	96.00716	0.002387	-0.5592	0.162697	-3.43704	0.000861	0.006184	1
ENSG0000 response	Inflamed	CHST4	protein_cc chr16	71559136	71572649	+	2669	23.27446	0.365155	-1.21327	0.35304	-3.43663	0.000862	0.00619	1
ENSG0000 response	Inflamed	RP11-297I	lincRNA chr16	67464570	67465367	-	475	2.362768	0.47494	0.442362	0.128754	3.435704	0.000865	0.006207	1
ENSG0000 response	Inflamed	NDUFS4	protein_cc chr5	52856463	52979168	+	1174	861.8234	0	0.373397	0.108691	3.435389	0.000866	0.006212	1
ENSG0000 response	Inflamed	MT-TW	Mt_tRNA chrM	5512	5579	+	68	19.23628	0.422434	0.690925	0.201157	3.434747	0.000868	0.006224	1
ENSG0000 response	Inflamed	MRPL48	protein_cc chr11	73498361	73576178	+	4386	553.0644	0	0.303555	0.088382	3.434597	0.000868	0.006225	1
ENSG0000 response	Inflamed	C9orf50	protein_cc chr9	1.32E+08	1.32E+08	-	1620	2.427208	0.398568	-0.45702	0.133076	-3.43426	0.000869	0.00623	1
ENSG0000 response	Inflamed	RUFY4	protein_cc chr2	2.19E+08	2.19E+08	+	4357	51.49881	0.01432	-0.82054	0.238946	-3.434	0.00087	0.006234	1
ENSG0000 response	Inflamed	RP11-561C	antisense chr9	70843567	70844228	+	340	1	0.747017	-0.34714	0.101103	-3.43353	0.000871	0.006242	1
ENSG0000 response	Inflamed	FAM160A2	protein_cc chr11	6232565	6255941	-	4736	5210.124	0	0.426168	0.124126	3.43335	0.000872	0.006244	1
ENSG0000 response	Inflamed	TRNAU1Af	protein_cc chr1	28879597	28905051	+	4305	426.3031	0	-0.22018	0.064133	-3.43323	0.000872	0.006245	1
ENSG0000 response	Inflamed	UQCRH	protein_cc chr1	46769303	46782448	+	1408	3396.229	0	0.376319	0.109643	3.432235	0.000875	0.006263	1

ENSG0000 response	Inflamed	AIM2	protein_cc chr1	1.59E+08	1.59E+08	-	2009	143.7542	0	-0.82613	0.240743	-3.43156	0.000877	0.006275	1
ENSG0000 response	Inflamed	STXBP5-AS	antisense chr6	1.47E+08	1.48E+08	-	6011	104.9141	0	0.708076	0.206369	3.431112	0.000878	0.006283	1
ENSG0000 response	Inflamed	FGF1	protein_cc chr5	1.42E+08	1.42E+08	-	5051	25.06205	0.02148	-0.73935	0.215574	-3.42969	0.000882	0.006311	1
ENSG0000 response	Inflamed	PRR15L	protein_cc chr17	46029333	46035244	-	1519	6705.998	0	0.764434	0.222902	3.429466	0.000883	0.006314	1
ENSG0000 response	Inflamed	MAP4K2	protein_cc chr11	64556290	64570713	-	3745	671.852	0	-0.35791	0.104381	-3.42889	0.000885	0.006324	1
ENSG0000 response	Inflamed	NDUFA10	protein_cc chr2	2.41E+08	2.41E+08	-	9516	3617.881	0	0.303815	0.088627	3.427998	0.000887	0.006341	1
ENSG0000 response	Inflamed	HTR3E	protein_cc chr3	1.84E+08	1.84E+08	+	2523	37.87589	0.114558	0.981197	0.286255	3.427699	0.000888	0.006345	1
ENSG0000 response	Inflamed	HCN3	protein_cc chr1	1.55E+08	1.55E+08	+	4121	418.8401	0	0.539941	0.157544	3.427248	0.00089	0.006353	1
ENSG0000 response	Inflamed	LGALS9	protein_cc chr17	25956824	25976586	+	5714	8478.255	0	0.278015	0.081121	3.427149	0.00089	0.006353	1
ENSG0000 response	Inflamed	SCARF1	protein_cc chr17	1537152	1549041	-	4957	924.1241	0	-0.60455	0.176409	-3.42699	0.00089	0.006355	1
ENSG0000 response	Inflamed	C15orf39	protein_cc chr15	75487984	75504510	+	5812	3330.702	0	-0.39896	0.116433	-3.42654	0.000892	0.006363	1
ENSG0000 response	Inflamed	PRKCH	protein_cc chr14	61654277	62017694	+	8809	840.1981	0	-0.5161	0.150623	-3.42644	0.000892	0.006363	1
ENSG0000 response	Inflamed	CTB-133G	protein_cc chr19	7413848	7448271	+	1558	62.70406	0.038186	-0.92664	0.270465	-3.42611	0.000893	0.006368	1
ENSG0000 response	Inflamed	EBP	protein_cc chrX	48379546	48387104	+	2409	1581.253	0	0.34634	0.101104	3.425585	0.000894	0.006378	1
ENSG0000 response	Inflamed	ALDH18A1	protein_cc chr10	97365696	97416463	-	3756	6424.585	0	0.410554	0.119874	3.424887	0.000896	0.00639	1
ENSG0000 response	Inflamed	PABPC5	protein_cc chrX	90689594	90693583	+	3450	17.73508	0.02864	-0.55557	0.162221	-3.42478	0.000897	0.006391	1
ENSG0000 response	Inflamed	RP1-224A	lincRNA chr1	22350487	22351461	-	615	1.74463	0.534606	-0.38405	0.11215	-3.42447	0.000898	0.006396	1
ENSG0000 response	Inflamed	SOX11	protein_cc chr2	5832799	5841516	+	8718	5.451074	0.634845	-0.95756	0.279676	-3.42382	0.0009	0.006408	1
ENSG0000 response	Inflamed	LINC0039C	lincRNA chr13	44680514	44711372	-	340	2.610979	0.441527	0.485127	0.141713	3.423298	0.000901	0.006417	1
ENSG0000 response	Inflamed	FAM201A	antisense chr9	38620471	38624987	+	3847	91.12411	0.004773	0.667107	0.194883	3.423111	0.000902	0.006419	1
ENSG0000 response	Inflamed	TFCP2L1	protein_cc chr2	1.22E+08	1.22E+08	-	9372	7500.418	0	0.817922	0.238979	3.42257	0.000903	0.006429	1
ENSG0000 response	Inflamed	FAM53C	protein_cc chr5	1.38E+08	1.38E+08	+	7049	2045.42	0	-0.33567	0.09809	-3.42211	0.000905	0.006437	1
ENSG0000 response	Inflamed	ANKDD1A	protein_cc chr15	65204101	65251042	+	5018	143.6062	0.002387	-0.69284	0.202464	-3.42202	0.000905	0.006437	1
ENSG0000 response	Inflamed	RIN3	protein_cc chr14	92980118	93155339	+	8683	1807.692	0	-0.35884	0.104867	-3.42184	0.000905	0.006439	1
ENSG0000 response	Inflamed	CCBE1	protein_cc chr18	57098172	57364612	-	6577	95.87589	0.026253	-1.12886	0.329986	-3.42094	0.000908	0.006456	1
ENSG0000 response	Inflamed	AC013474	pseudoger chr2	1.27E+08	1.27E+08	+	799	2.71599	0.422434	-0.51223	0.149744	-3.42071	0.000909	0.006459	1
ENSG0000 response	Inflamed	SEC13	protein_cc chr3	10334815	10362862	-	5446	4716.893	0	-0.19725	0.057666	-3.42051	0.000909	0.006462	1
ENSG0000 response	Inflamed	RP11-396C	lincRNA chr11	15723509	15780444	-	993	83.0716	0.097852	1.171802	0.342595	3.420368	0.00091	0.006463	1
ENSG0000 response	Inflamed	COL6A6	protein_cc chr3	1.3E+08	1.3E+08	+	9733	19.13604	0.396181	-1.23272	0.360479	-3.41967	0.000912	0.006476	1
ENSG0000 response	Inflamed	CTD-2207C	protein_cc chr19	7445850	7535131	+	3342	2.147971	0.587112	-0.47495	0.138922	-3.41881	0.000915	0.006492	1
ENSG0000 response	Inflamed	HSPA13	protein_cc chr21	15743436	15755805	-	4194	739.7303	0.002387	-0.62301	0.182232	-3.41876	0.000915	0.006492	1
ENSG0000 response	Inflamed	CD28	protein_cc chr2	2.05E+08	2.05E+08	+	4885	262.3126	0.002387	-0.78504	0.229673	-3.41806	0.000917	0.006505	1
ENSG0000 response	Inflamed	GSR	protein_cc chr8	30535583	30585443	-	3232	4680.563	0	0.30954	0.090598	3.416638	0.000921	0.006534	1
ENSG0000 response	Inflamed	ACOT13	protein_cc chr6	24667263	24705293	+	4394	859.2864	0	0.418059	0.122373	3.416275	0.000922	0.00654	1
ENSG0000 response	Inflamed	CLMP	protein_cc chr11	1.23E+08	1.23E+08	-	2635	586.5274	0	-0.74111	0.216987	-3.41547	0.000925	0.006556	1
ENSG0000 response	Inflamed	FAM212B	protein_cc chr1	1.12E+08	1.12E+08	-	9199	461.2768	0	-0.48693	0.142577	-3.41524	0.000925	0.006559	1
ENSG0000 response	Inflamed	CALML4	protein_cc chr15	68483043	68498417	-	5007	1961.683	0	0.444044	0.130023	3.415119	0.000926	0.00656	1
ENSG0000 response	Inflamed	7SK	lincRNA chr16	81993524	81996298	+	2775	149.7518	0	-0.76864	0.225091	-3.41481	0.000927	0.006563	1
ENSG0000 response	Inflamed	GPR160	protein_cc chr3	1.7E+08	1.7E+08	+	4458	1514.215	0	0.488008	0.142909	3.41481	0.000927	0.006563	1
ENSG0000 response	Inflamed	AGMAT	protein_cc chr1	15898848	15911605	-	2500	923.6181	0	0.434618	0.12729	3.41438	0.000928	0.00657	1

ENSG0000 response	Inflamed	OCLN	protein_cc chr5	68788119	68853931	+	6761	884.7876	0	0.792267	0.232072	3.41389	0.000929	0.006579	1
ENSG0000 response	Inflamed	TACR1	protein_cc chr2	75273590	75426826	-	5308	55.60621	0.045346	-0.91556	0.268321	-3.4122	0.000935	0.006614	1
ENSG0000 response	Inflamed	C21orf67	protein_cc chr21	46352729	46359828	-	2656	39.64916	0	-0.34726	0.101794	-3.41139	0.000937	0.006629	1
ENSG0000 response	Inflamed	PDK1	protein_cc chr2	1.73E+08	1.73E+08	+	15115	1633.575	0	-0.73115	0.214329	-3.41133	0.000937	0.006629	1
ENSG0000 response	Inflamed	ERVV-1	protein_cc chr19	53517174	53519375	+	2202	2.563246	0.71599	-0.47573	0.139463	-3.41112	0.000938	0.006632	1
ENSG0000 response	Inflamed	FAM195B	protein_cc chr17	79780287	79791178	-	3676	350.1504	0	-0.42763	0.125391	-3.41039	0.00094	0.006646	1
ENSG0000 response	Inflamed	C3orf52	protein_cc chr3	1.12E+08	1.12E+08	+	6021	757.9356	0	0.616191	0.180688	3.410256	0.000941	0.006647	1
ENSG0000 response	Inflamed	PDHA1	protein_cc chrX	19362011	19379823	+	4493	3532.363	0	0.340763	0.099928	3.41007	0.000941	0.006649	1
ENSG0000 response	Inflamed	TCEA2	protein_cc chr20	62681189	62703700	+	4802	300.4606	0	-0.50137	0.147035	-3.40989	0.000942	0.006652	1
ENSG0000 response	Inflamed	PM20D1	protein_cc chr1	2.06E+08	2.06E+08	-	2614	18.1599	0.150358	-0.62637	0.183724	-3.40932	0.000943	0.006661	1
ENSG0000 response	Inflamed	RP11-22C1	pseudoger chr8	95700456	95700838	+	383	1.190931	0.699284	0.347046	0.101796	3.409236	0.000944	0.006661	1
ENSG0000 response	Inflamed	SERPINA1	protein_cc chr14	94749650	94759608	-	2614	5.443914	0.257757	0.584113	0.171337	3.409153	0.000944	0.006661	1
ENSG0000 response	Inflamed	MT1X	protein_cc chr16	56716336	56718108	+	1773	563.4368	0	0.629716	0.184714	3.409139	0.000944	0.006661	1
ENSG0000 response	Inflamed	TRPS1	protein_cc chr8	1.16E+08	1.17E+08	-	11072	261.6802	0	-0.74471	0.218472	-3.40873	0.000945	0.006668	1
ENSG0000 response	Inflamed	TMEM44	protein_cc chr3	1.94E+08	1.94E+08	-	4561	1178.42	0	0.378348	0.111102	3.40793	0.000948	0.006684	1
ENSG0000 response	Inflamed	B4GALT3	protein_cc chr1	1.61E+08	1.61E+08	-	3419	2035.883	0	-0.227	0.066619	-3.40747	0.000949	0.00669	1
ENSG0000 response	Inflamed	ZNF826P	pseudoger chr19	20451078	20607775	-	6926	10.04057	0.054893	-0.4889	0.14348	-3.40747	0.000949	0.00669	1
ENSG0000 response	Inflamed	RP5-977B1	antisense chr20	35136563	35201794	-	1979	6.424821	0.174224	-0.55404	0.162631	-3.40669	0.000952	0.006705	1
ENSG0000 response	Inflamed	S100A14	protein_cc chr1	1.54E+08	1.54E+08	-	1277	7948.511	0	0.768906	0.225741	3.406145	0.000953	0.006716	1
ENSG0000 response	Inflamed	PPIP5K1	protein_cc chr15	43825660	43882430	-	8054	1083.162	0	0.473399	0.138999	3.405782	0.000954	0.006722	1
ENSG0000 response	Inflamed	BACE1	protein_cc chr11	1.17E+08	1.17E+08	-	6711	1445.303	0	-0.35926	0.105502	-3.40528	0.000956	0.006731	1
ENSG0000 response	Inflamed	C2CD4A	protein_cc chr15	62359176	62363116	+	3445	350.7518	0.004773	-0.96432	0.283219	-3.40484	0.000957	0.006738	1
ENSG0000 response	Inflamed	RNF144B	protein_cc chr6	18368779	18469105	+	5446	372.1432	0	-0.71726	0.21066	-3.40482	0.000957	0.006738	1
ENSG0000 response	Inflamed	FBXO39	protein_cc chr17	6679542	6700420	+	2918	4.818616	0.264916	-0.62542	0.183701	-3.40455	0.000958	0.006742	1
ENSG0000 response	Inflamed	RP11-565M	lincRNA chr1	2.09E+08	2.09E+08	-	279	0.961814	0.756563	-0.40492	0.118941	-3.40441	0.000959	0.006743	1
ENSG0000 response	Inflamed	CRYM	protein_cc chr16	21250195	21314404	-	3782	249.821	0.00716	0.80943	0.237835	3.403322	0.000962	0.006765	1
ENSG0000 response	Inflamed	RDH13	protein_cc chr19	55550476	55582659	-	8575	1381.103	0	0.458441	0.134729	3.402684	0.000964	0.006778	1
ENSG0000 response	Inflamed	RP11-44N	lincRNA chr14	1.06E+08	1.06E+08	+	1177	57.68974	0	0.490188	0.144064	3.402581	0.000965	0.006778	1
ENSG0000 response	Inflamed	MPV17L	protein_cc chr16	15489611	15507125	+	6009	287.5251	0	0.618641	0.181831	3.402282	0.000965	0.006783	1
ENSG0000 response	Inflamed	PRSS57	protein_cc chr19	685521	695460	-	1077	1.069212	0.74463	-0.42264	0.124241	-3.40176	0.000967	0.006793	1
ENSG0000 response	Inflamed	LINC00665	lincRNA chr19	36803969	36822620	-	7201	146.9236	0	-0.41239	0.121232	-3.40168	0.000967	0.006793	1
ENSG0000 response	Inflamed	TTYH2	protein_cc chr17	72209653	72258155	+	5371	511.9761	0	-0.44947	0.132136	-3.40155	0.000968	0.006794	1
ENSG0000 response	Inflamed	DSTNP2	pseudoger chr12	6993846	6994950	+	1105	114.1766	0	-0.2628	0.077274	-3.40096	0.00097	0.006805	1
ENSG0000 response	Inflamed	THR-B-AS1	processed_chr3	24535578	24541833	+	3191	3.300716	0.379475	0.465388	0.136851	3.400683	0.000971	0.006809	1
ENSG0000 response	Inflamed	AC005523	lincRNA chr19	4785132	4791219	-	418	0.873508	0.785203	-0.31773	0.093457	-3.39974	0.000974	0.006829	1
ENSG0000 response	Inflamed	OAZ1	protein_cc chr19	2269485	2273487	+	3457	15996.95	0	-0.2416	0.07108	-3.39898	0.000976	0.006844	1
ENSG0000 response	Inflamed	LINC00482	lincRNA chr17	79277571	79283048	-	2197	167.6134	0	0.605327	0.178095	3.398903	0.000976	0.006844	1
ENSG0000 response	Inflamed	IGKV2D-24	IG_V_gene chr2	90043607	90044439	+	390	158.9117	0.004773	-0.92691	0.27273	-3.39864	0.000977	0.006848	1
ENSG0000 response	Inflamed	IZUMO1	protein_cc chr19	49244109	49250166	-	3415	3.830549	0.362768	-0.58058	0.170839	-3.39841	0.000978	0.006851	1
ENSG0000 response	Inflamed	GDF5	protein_cc chr20	34021145	34042568	-	2646	1.947494	0.630072	-0.55736	0.16403	-3.39795	0.000979	0.00686	1

ENSG0000 response	Inflamed	MARVELD	protein_cc chr5	68710939	68740157	+	4898	1449.692	0	0.65295	0.192233	3.396659	0.000983	0.006887	1
ENSG0000 response	Inflamed	RP11-1771	processed_chr8	23193684	23223638	+	4798	9.887828	0.088305	-0.60402	0.177836	-3.39649	0.000984	0.006889	1
ENSG0000 response	Inflamed	HILPDA	protein_cc chr7	1.28E+08	1.28E+08	+	2070	224.6516	0	-0.37716	0.111056	-3.39616	0.000985	0.006894	1
ENSG0000 response	Inflamed	SLC29A2	protein_cc chr11	66129992	66139685	-	2720	850.7518	0	0.529309	0.155872	3.395795	0.000986	0.006901	1
ENSG0000 response	Inflamed	HIST1H3J	protein_cc chr6	27858093	27860884	-	842	1.365155	0.639618	0.325789	0.095947	3.395518	0.000987	0.006905	1
ENSG0000 response	Inflamed	AC132872	pseudoger chr17	80206943	80209703	+	2759	7.422434	0.171838	-0.65702	0.193522	-3.39506	0.000989	0.006914	1
ENSG0000 response	Inflamed	RNASE1	protein_cc chr14	21269387	21271437	-	1506	4643.274	0	0.456848	0.134578	3.394674	0.00099	0.006921	1
ENSG0000 response	Inflamed	LRR55	protein_cc chr11	56949221	56959191	+	5410	44.57518	0.038186	-0.9557	0.281606	-3.39374	0.000993	0.00694	1
ENSG0000 response	Inflamed	ACD	protein_cc chr16	67691415	67694713	-	3218	534.1766	0	-0.28446	0.083826	-3.3934	0.000994	0.006946	1
ENSG0000 response	Inflamed	REPS2	protein_cc chrX	16964814	17171395	+	11361	833.9976	0	0.407284	0.120026	3.393288	0.000994	0.006946	1
ENSG0000 response	Inflamed	RP11-4651	antisense chr1	2.02E+08	2.02E+08	-	1061	235.8067	0	0.601641	0.177326	3.392863	0.000996	0.006954	1
ENSG0000 response	Inflamed	CD1D	protein_cc chr1	1.58E+08	1.58E+08	+	2253	402.0501	0	-0.43589	0.128484	-3.39257	0.000997	0.006959	1
ENSG0000 response	Inflamed	LYZ	protein_cc chr12	69742121	69748014	+	1764	17476.03	0	-0.54724	0.161332	-3.39197	0.000999	0.006971	1
ENSG0000 response	Inflamed	FAM126A	protein_cc chr7	22980878	23053749	-	6913	351.6516	0	-0.78668	0.231991	-3.39098	0.001002	0.006992	1
ENSG0000 response	Inflamed	FBXL13	protein_cc chr7	1.02E+08	1.03E+08	-	4319	10.22434	0.047733	-0.56706	0.167245	-3.39059	0.001003	0.006998	1
ENSG0000 response	Inflamed	GDPD4	protein_cc chr11	76927603	77012732	-	3188	1.245823	0.701671	0.351045	0.103536	3.390555	0.001003	0.006998	1
ENSG0000 response	Inflamed	RP11-620J	lincRNA chr12	58325311	58329958	-	1312	36.60621	0	-0.4257	0.125647	-3.38807	0.001011	0.007053	1
ENSG0000 response	Inflamed	RRP36	protein_cc chr6	42989383	43001894	+	2212	984.0549	0	-0.19079	0.056352	-3.38567	0.001019	0.007106	1
ENSG0000 response	Inflamed	CAV1	protein_cc chr7	1.16E+08	1.16E+08	+	4077	1899.95	0	-0.70424	0.208064	-3.38471	0.001022	0.007127	1
ENSG0000 response	Inflamed	CTD-2619J	antisense chr19	58873951	58877958	+	790	8.909308	0.097852	0.525786	0.155351	3.384497	0.001023	0.00713	1
ENSG0000 response	Inflamed	FN3K	protein_cc chr17	80693451	80709073	+	3872	930.432	0	0.521367	0.154049	3.384412	0.001023	0.00713	1
ENSG0000 response	Inflamed	TMEM220	protein_cc chr17	10602332	10633633	-	3508	429.2673	0	0.541455	0.160029	3.383486	0.001027	0.007149	1
ENSG0000 response	Inflamed	CTD-2336C	antisense chr8	1710156	1712668	-	1322	142.5274	0	-0.33755	0.099769	-3.3833	0.001027	0.007152	1
ENSG0000 response	Inflamed	FAM159A	protein_cc chr1	53099016	53135355	+	2508	56.60143	0	-0.74426	0.219995	-3.38307	0.001028	0.007155	1
ENSG0000 response	Inflamed	LGR6	protein_cc chr1	2.02E+08	2.02E+08	+	4583	280.9212	0.004773	0.825386	0.243984	3.382948	0.001028	0.007156	1
ENSG0000 response	Inflamed	UBE2S	protein_cc chr19	55912652	55919145	-	1249	914.1838	0	-0.36343	0.107454	-3.38221	0.001031	0.007172	1
ENSG0000 response	Inflamed	hsa-mir-67	pseudoger chr1	566454	567996	+	1543	65555.85	0	0.501359	0.148246	3.381926	0.001032	0.007176	1
ENSG0000 response	Inflamed	IL17RA	protein_cc chr22	17565844	17596583	+	9035	2994.162	0	-0.41814	0.123649	-3.38169	0.001033	0.007179	1
ENSG0000 response	Inflamed	RP11-7401	pseudoger chr7	6940055	6940254	-	200	12.52506	0.439141	1.14651	0.339038	3.381651	0.001033	0.007179	1
ENSG0000 response	Inflamed	FAM73B	protein_cc chr9	1.32E+08	1.32E+08	+	6302	2511.745	0	0.351354	0.103914	3.3812	0.001034	0.007188	1
ENSG0000 response	Inflamed	NEIL2	protein_cc chr8	11627148	11644855	+	3367	393.0501	0	-0.3216	0.095119	-3.38105	0.001035	0.007189	1
ENSG0000 response	Inflamed	RP11-4491	lincRNA chr18	22208146	22242162	+	2471	38.179	0.00716	0.645561	0.190958	3.38064	0.001036	0.007197	1
ENSG0000 response	Inflamed	CLEC12A	protein_cc chr12	10103915	10148293	+	3250	80.14797	0	-0.79752	0.235941	-3.38014	0.001038	0.007205	1
ENSG0000 response	Inflamed	AL122127	miRNA chr14	1.06E+08	1.06E+08	-	78	43.54177	0.052506	-1.00254	0.296597	-3.38012	0.001038	0.007205	1
ENSG0000 response	Inflamed	DLX5	protein_cc chr7	96649704	96654409	-	1895	3.439141	0.362768	-0.59897	0.17721	-3.38002	0.001038	0.007206	1
ENSG0000 response	Inflamed	EIF4EBP3	protein_cc chr5	1.4E+08	1.4E+08	+	691	77.2673	0	0.416387	0.123195	3.3799	0.001039	0.007206	1
ENSG0000 response	Inflamed	RP11-4321	lincRNA chr16	71760878	71761895	+	1018	0.97852	0.768496	0.295036	0.087294	3.379792	0.001039	0.007206	1
ENSG0000 response	Inflamed	ZC3HC1	protein_cc chr7	1.3E+08	1.3E+08	-	3011	370.0644	0	-0.24582	0.072732	-3.37978	0.001039	0.007206	1
ENSG0000 response	Inflamed	CTD-22671	protein_cc chr17	38516907	38520945	+	2094	347.6587	0	0.332749	0.098467	3.379285	0.001041	0.007216	1
ENSG0000 response	Inflamed	CRYBB2	protein_cc chr22	25615489	25627836	+	886	9.708831	0.119332	0.651009	0.192696	3.378419	0.001044	0.007233	1

ENSG0000 response	Inflamed	IRF7	protein_cc chr11	612553	615999	-	2628	1850.167	0	-0.41181	0.121897	-3.37837	0.001044	0.007233	1
ENSG0000 response	Inflamed	AL592494.	lincRNA chr1	1.21E+08	1.21E+08	+	3662	7.305489	0.124105	-0.59474	0.176055	-3.37813	0.001045	0.007237	1
ENSG0000 response	Inflamed	GNB4	protein_cc chr3	1.79E+08	1.79E+08	-	3922	348.7088	0.002387	-0.68748	0.20352	-3.37795	0.001045	0.007239	1
ENSG0000 response	Inflamed	AC005307	lincRNA chr19	28926295	29218684	-	3999	5.622912	0.229117	0.498808	0.147697	3.377233	0.001048	0.007254	1
ENSG0000 response	Inflamed	RETSAT	protein_cc chr2	85569211	85581743	-	4264	9232.317	0	0.515227	0.152576	3.376846	0.001049	0.007262	1
ENSG0000 response	Inflamed	MINOS1	protein_cc chr1	19923477	19956314	+	5220	788.315	0	0.27069	0.080172	3.376381	0.001051	0.007271	1
ENSG0000 response	Inflamed	TSTD1	protein_cc chr1	1.61E+08	1.61E+08	-	1210	958.1504	0	0.410804	0.12168	3.376113	0.001052	0.007275	1
ENSG0000 response	Inflamed	LETM2	protein_cc chr8	38243725	38267045	+	6114	44.48926	0.004773	-0.57929	0.171616	-3.37552	0.001054	0.007287	1
ENSG0000 response	Inflamed	RP11-269C	lincRNA chr17	61507829	61509572	-	552	5.145585	0.152745	0.513508	0.152134	3.375363	0.001054	0.007289	1
ENSG0000 response	Inflamed	SMIM22	protein_cc chr16	4838398	4846492	+	1762	2119.212	0.004773	0.739162	0.219003	3.375119	0.001055	0.007293	1
ENSG0000 response	Inflamed	RP11-262F	lincRNA chr9	66457285	66469310	+	3038	57.35084	0.026253	-0.88736	0.262939	-3.37479	0.001056	0.007299	1
ENSG0000 response	Inflamed	GPX1	protein_cc chr3	49394609	49396033	-	1425	4064.988	0	-0.41613	0.123321	-3.37438	0.001058	0.007307	1
ENSG0000 response	Inflamed	WDR91	protein_cc chr7	1.35E+08	1.35E+08	-	6063	617.2649	0	-0.39517	0.117138	-3.37351	0.00106	0.007325	1
ENSG0000 response	Inflamed	RP11-328H	antisense chr6	41462591	41516359	-	934	15.14797	0.038186	0.602072	0.178488	3.373178	0.001062	0.007331	1
ENSG0000 response	Inflamed	THSD1	protein_cc chr13	52951305	52980629	-	3345	138.8735	0	-0.58188	0.17251	-3.37305	0.001062	0.007333	1
ENSG0000 response	Inflamed	ESR1	protein_cc chr6	1.52E+08	1.52E+08	+	13629	82.14081	0.01432	-0.84295	0.249927	-3.37278	0.001063	0.007337	1
ENSG0000 response	Inflamed	GRID1	protein_cc chr10	87359312	88126250	-	6033	163.043	0.004773	-0.69263	0.205421	-3.37176	0.001067	0.00736	1
ENSG0000 response	Inflamed	TMEM109	protein_cc chr11	60681346	60690915	+	2421	2764.563	0	-0.36995	0.109732	-3.37141	0.001068	0.007366	1
ENSG0000 response	Inflamed	FER1L6	protein_cc chr8	1.25E+08	1.25E+08	+	6058	1429.351	0.00716	1.060839	0.314676	3.37121	0.001068	0.007369	1
ENSG0000 response	Inflamed	CTB-114C7	lincRNA chr5	1.7E+08	1.7E+08	+	985	2.937947	0.369928	-0.45879	0.1361	-3.37099	0.001069	0.007372	1
ENSG0000 response	Inflamed	AL592284.	protein_cc chr1	1.44E+08	1.45E+08	+	1073	13.89737	0.026253	-0.4627	0.137272	-3.37067	0.00107	0.007378	1
ENSG0000 response	Inflamed	COL1A1	protein_cc chr17	48260650	48278993	-	9819	47200.82	0	-0.94163	0.27937	-3.37056	0.001071	0.007379	1
ENSG0000 response	Inflamed	ACKR4	protein_cc chr3	1.32E+08	1.32E+08	+	2273	88.51074	0.009547	-0.92676	0.27497	-3.37039	0.001071	0.00738	1
ENSG0000 response	Inflamed	TSPYL5	protein_cc chr8	98285717	98290176	-	4460	308.9093	0	-0.60443	0.179338	-3.37035	0.001071	0.00738	1
ENSG0000 response	Inflamed	AC010982	lincRNA chr2	1.15E+08	1.15E+08	+	844	2.214797	0.470167	-0.47456	0.140816	-3.37005	0.001073	0.007385	1
ENSG0000 response	Inflamed	DMTN	protein_cc chr8	21906506	21940038	+	4511	1684.582	0	0.377129	0.111908	3.36998	0.001073	0.007385	1
ENSG0000 response	Inflamed	RMDN2	protein_cc chr2	38150330	38294285	+	5999	248.5036	0	0.591699	0.175588	3.369825	0.001073	0.007387	1
ENSG0000 response	Inflamed	HOXD1	protein_cc chr2	1.77E+08	1.77E+08	+	2028	230.5131	0	0.521603	0.154811	3.369288	0.001075	0.007398	1
ENSG0000 response	Inflamed	IGHV3OR1	IG_V_gene chr16	32077386	32077679	+	294	6.121718	0.403341	-0.76181	0.226157	-3.36852	0.001078	0.007414	1
ENSG0000 response	Inflamed	UPB1	protein_cc chr22	24863206	24924358	+	7059	13.2673	0.057279	-0.58397	0.173384	-3.36809	0.001079	0.007423	1
ENSG0000 response	Inflamed	RPS6KA1	protein_cc chr1	26856252	26901521	+	5884	8739.327	0	0.266598	0.079198	3.366204	0.001086	0.007465	1
ENSG0000 response	Inflamed	NRN1	protein_cc chr6	5998232	6007200	-	1762	151.2172	0.002387	-0.61674	0.18322	-3.36612	0.001086	0.007465	1
ENSG0000 response	Inflamed	FABP5	protein_cc chr8	82192598	82197012	+	2077	1842.482	0	0.474782	0.141049	3.366076	0.001086	0.007465	1
ENSG0000 response	Inflamed	AP000695	protein_cc chr21	37858165	37860058	+	1894	2.634845	0.52506	-0.59432	0.176585	-3.36562	0.001088	0.007475	1
ENSG0000 response	Inflamed	ANXA2R	protein_cc chr5	43039335	43043272	-	2234	83.33652	0	-0.49252	0.146344	-3.3655	0.001088	0.007476	1
ENSG0000 response	Inflamed	SCNN1A	protein_cc chr12	6456009	6486896	-	5876	14332.77	0	0.782462	0.23251	3.365276	0.001089	0.007479	1
ENSG0000 response	Inflamed	RP11-243F	lincRNA chr16	9449445	9501950	+	5298	12.84726	0.171838	0.813432	0.241752	3.364743	0.001091	0.007488	1
ENSG0000 response	Inflamed	CBX8	protein_cc chr17	77765931	77775482	-	4164	276.1098	0	-0.30248	0.089897	-3.3647	0.001091	0.007488	1
ENSG0000 response	Inflamed	RP11-375C	lincRNA chr9	82120719	82147257	-	2245	1.849642	0.572792	-0.49657	0.147583	-3.36468	0.001091	0.007488	1
ENSG0000 response	Inflamed	ERGIC1	protein_cc chr5	1.72E+08	1.72E+08	+	14139	13711.26	0	0.230875	0.068628	3.364136	0.001093	0.007499	1

ENSG0000 response	Inflamed	KLF3	protein_cc chr4	38665817	38702663	+	6297	5527.158	0	0.507281	0.150796	3.364017	0.001094	0.0075	1
ENSG0000 response	Inflamed	RASGRF1	protein_cc chr15	79252289	79383115	-	8683	65.44391	0.004773	-0.57015	0.169507	-3.36361	0.001095	0.007508	1
ENSG0000 response	Inflamed	GRIK1	protein_cc chr21	30909254	31312351	-	4248	2.348449	0.479714	-0.46533	0.138365	-3.36304	0.001097	0.007518	1
ENSG0000 response	Inflamed	RBMS1	protein_cc chr2	1.61E+08	1.61E+08	-	11750	983.957	0	-0.70066	0.208343	-3.36302	0.001097	0.007518	1
ENSG0000 response	Inflamed	IGLV4-60	IG_V_gene chr22	22516592	22517074	+	362	1038.854	0.009547	-1.21577	0.361696	-3.3613	0.001103	0.007559	1
ENSG0000 response	Inflamed	RRM2P3	pseudoger chrX	44168560	44169722	-	1163	2.914081	0.319809	-0.4416	0.131385	-3.36108	0.001104	0.007559	1
ENSG0000 response	Inflamed	USP11	protein_cc chrX	47092089	47107727	+	5269	1902.931	0	-0.4144	0.123295	-3.36108	0.001104	0.007559	1
ENSG0000 response	Inflamed	FLOT2	protein_cc chr17	27206353	27224697	-	3336	5158.399	0	-0.31858	0.094786	-3.36102	0.001104	0.007559	1
ENSG0000 response	Inflamed	AC078942	antisense chr7	1.58E+08	1.58E+08	+	589	1.649165	0.670644	-0.45223	0.134603	-3.35973	0.001109	0.007589	1
ENSG0000 response	Inflamed	NXPE2	protein_cc chr11	1.15E+08	1.15E+08	+	3126	275.778	0.004773	1.020029	0.303654	3.359177	0.001111	0.007601	1
ENSG0000 response	Inflamed	RP11-22P6	antisense chr16	28890278	28891241	-	583	13.39857	0.00716	-0.47821	0.142368	-3.35898	0.001112	0.007602	1
ENSG0000 response	Inflamed	MLKL	protein_cc chr16	74705753	74734858	-	5692	1538.064	0	-0.50905	0.151551	-3.35895	0.001112	0.007602	1
ENSG0000 response	Inflamed	SRCRB4D	protein_cc chr7	76018651	76039012	-	2819	16.179	0.002387	-0.36501	0.108694	-3.35817	0.001115	0.00762	1
ENSG0000 response	Inflamed	LBH	protein_cc chr2	30454397	30546596	+	4535	923.0931	0	-0.5968	0.177728	-3.35795	0.001115	0.00762	1
ENSG0000 response	Inflamed	RP11-91J1	lincRNA chr8	424455	427966	+	3512	184.0621	0.004773	0.668533	0.19909	3.357948	0.001116	0.00762	1
ENSG0000 response	Inflamed	GNMT	protein_cc chr6	42928496	42931618	+	1072	10.95465	0.047733	-0.53658	0.159796	-3.3579	0.001116	0.00762	1
ENSG0000 response	Inflamed	SCNM1	protein_cc chr1	1.51E+08	1.51E+08	+	3265	689.0334	0	-0.20385	0.060722	-3.35703	0.001119	0.00764	1
ENSG0000 response	Inflamed	TMCC3	protein_cc chr12	94960900	95044338	-	6515	2564.26	0	0.616949	0.183785	3.356909	0.001119	0.007641	1
ENSG0000 response	Inflamed	NDN	protein_cc chr15	23930565	23932450	-	1886	674.7279	0	-0.58839	0.175282	-3.35683	0.00112	0.007641	1
ENSG0000 response	Inflamed	CST6	protein_cc chr11	65779312	65780976	+	759	4.28401	0.357995	-0.71409	0.212743	-3.3566	0.00112	0.007645	1
ENSG0000 response	Inflamed	CLDN19	protein_cc chr1	43198764	43205925	-	3602	2.775656	0.460621	0.530009	0.15792	3.356194	0.001122	0.007653	1
ENSG0000 response	Inflamed	KCTD11	protein_cc chr17	7255208	7258258	+	3051	1050.597	0	-0.34736	0.103505	-3.35595	0.001123	0.007656	1
ENSG0000 response	Inflamed	MPP1	protein_cc chrX	1.54E+08	1.54E+08	-	5396	1094.859	0	-0.34221	0.101971	-3.3559	0.001123	0.007656	1
ENSG0000 response	Inflamed	MXD3	protein_cc chr5	1.77E+08	1.77E+08	-	5154	423.5394	0	-0.40064	0.1194	-3.35541	0.001125	0.007666	1
ENSG0000 response	Inflamed	TMEM82	protein_cc chr1	16068917	16074477	+	1520	441.7947	0.00716	0.890711	0.265511	3.354703	0.001127	0.007681	1
ENSG0000 response	Inflamed	C2orf50	protein_cc chr2	11273179	11286916	+	2938	4.861575	0.150358	-0.47924	0.142858	-3.35466	0.001127	0.007681	1
ENSG0000 response	Inflamed	CHPF2	protein_cc chr7	1.51E+08	1.51E+08	+	4200	4124.702	0	-0.36173	0.107848	-3.35411	0.001129	0.007693	1
ENSG0000 response	Inflamed	ZMYND15	protein_cc chr17	4643319	4649411	+	3291	198.9356	0	-0.42847	0.127759	-3.3537	0.001131	0.007699	1
ENSG0000 response	Inflamed	TRAV3	TR_V_gene chr14	22191960	22192568	+	519	18.22434	0.040573	-0.62933	0.187653	-3.35369	0.001131	0.007699	1
ENSG0000 response	Inflamed	DOCK11	protein_cc chrX	1.18E+08	1.18E+08	+	6664	444.9212	0	-0.67544	0.201406	-3.35362	0.001131	0.007699	1
ENSG0000 response	Inflamed	TPRG1	protein_cc chr3	1.89E+08	1.89E+08	+	9535	38.79475	0.002387	-0.68204	0.203425	-3.3528	0.001134	0.007717	1
ENSG0000 response	Inflamed	AC016773	pseudoger chr4	1741078	1743830	+	2751	146.5609	0	-0.4314	0.128709	-3.35173	0.001138	0.007742	1
ENSG0000 response	Inflamed	LRRN1	protein_cc chr3	3841121	3889387	+	4264	58.31265	0.023866	-0.83109	0.247965	-3.35163	0.001139	0.007743	1
ENSG0000 response	Inflamed	RP11-493L	lincRNA chr12	47747537	47763718	+	540	3.326969	0.477327	-0.60091	0.179297	-3.35147	0.001139	0.007745	1
ENSG0000 response	Inflamed	PGRMC1	protein_cc chrX	1.18E+08	1.18E+08	+	1911	2882.933	0	0.317064	0.094612	3.351215	0.00114	0.007747	1
ENSG0000 response	Inflamed	C15orf38	protein_cc chr15	90443159	90456188	-	3673	1339.384	0	0.337308	0.100653	3.351205	0.00114	0.007747	1
ENSG0000 response	Inflamed	DBNL	protein_cc chr7	44084239	44109055	+	12587	5963.828	0	-0.20076	0.059908	-3.35103	0.001141	0.00775	1
ENSG0000 response	Inflamed	SLC16A3	protein_cc chr17	80186273	80219005	+	8995	7155.663	0	-0.43487	0.129775	-3.35093	0.001141	0.00775	1
ENSG0000 response	Inflamed	RP11-547L	antisense chr14	53620072	53624246	+	1076	1.107399	0.713604	-0.36531	0.109028	-3.35057	0.001143	0.007757	1
ENSG0000 response	Inflamed	ARHGEF16	protein_cc chr1	3370990	3397677	+	5563	3899.146	0	0.58296	0.174027	3.349832	0.001145	0.007774	1

ENSG0000 response	Inflamed	KIAA0040	protein_cc chr1	1.75E+08	1.75E+08	-	4779	2103.057	0	-0.47366	0.141401	-3.34973	0.001146	0.007774	1
ENSG0000 response	Inflamed	RP4-647C1	antisense chr14	73710726	73712687	-	1683	28.06205	0.004773	-0.54004	0.161227	-3.34956	0.001146	0.007777	1
ENSG0000 response	Inflamed	IGHV1-8	IG_V_gene chr14	1.07E+08	1.07E+08	-	413	2662.893	0.031026	-1.26367	0.377304	-3.3492	0.001148	0.007784	1
ENSG0000 response	Inflamed	SRP68	protein_cc chr17	74035184	74068734	-	7313	2740.57	0	-0.25873	0.077264	-3.34864	0.00115	0.007796	1
ENSG0000 response	Inflamed	ACSL5	protein_cc chr10	1.14E+08	1.14E+08	+	4318	11101.43	0	0.488394	0.145866	3.348228	0.001151	0.007803	1
ENSG0000 response	Inflamed	ARHGAP5	antisense chr14	32544625	32545999	-	1375	78.61098	0	0.299412	0.089424	3.348214	0.001151	0.007803	1
ENSG0000 response	Inflamed	MAP4K4	protein_cc chr2	1.02E+08	1.03E+08	+	11918	2751.525	0	-0.58488	0.174823	-3.34555	0.001161	0.007868	1
ENSG0000 response	Inflamed	RPS2P32	pseudoger chr7	23530092	23530983	+	892	11.19809	0.023866	-0.58913	0.176098	-3.34545	0.001162	0.007869	1
ENSG0000 response	Inflamed	SLC6A13	protein_cc chr12	329789	372039	-	4241	5.651551	0.252983	-0.65821	0.196763	-3.3452	0.001163	0.007872	1
ENSG0000 response	Inflamed	ANKS4B	protein_cc chr16	21244986	21263750	+	2936	1878.327	0.002387	0.787666	0.235463	3.345182	0.001163	0.007872	1
ENSG0000 response	Inflamed	TPGS2	protein_cc chr18	34359987	34409158	-	8082	1441.174	0	-0.22588	0.067528	-3.34506	0.001163	0.007873	1
ENSG0000 response	Inflamed	RP11-297L	lincRNA chr16	52641261	52647820	+	1137	17.60859	0.0358	0.629386	0.188161	3.344931	0.001164	0.007874	1
ENSG0000 response	Inflamed	INSM1	protein_cc chr20	20348765	20351590	+	2826	147.4893	0.004773	0.762459	0.227982	3.344386	0.001166	0.007886	1
ENSG0000 response	Inflamed	TMEM236	protein_cc chr10	17794251	17842867	+	5464	162.2959	0.059666	1.085342	0.324583	3.343807	0.001168	0.007899	1
ENSG0000 response	Inflamed	ATP13A5	protein_cc chr3	1.93E+08	1.93E+08	-	6228	0.959427	0.768496	0.334206	0.099961	3.343368	0.001169	0.007906	1
ENSG0000 response	Inflamed	AKAP7	protein_cc chr6	1.31E+08	1.32E+08	+	4394	375.6516	0	0.58796	0.175866	3.343218	0.00117	0.007906	1
ENSG0000 response	Inflamed	MRPL15	protein_cc chr8	55047770	55060461	+	1191	982.6134	0	0.319012	0.095422	3.34316	0.00117	0.007906	1
ENSG0000 response	Inflamed	GBP2	protein_cc chr1	89571815	89616139	-	6276	3376.389	0	-0.50174	0.150082	-3.34311	0.00117	0.007906	1
ENSG0000 response	Inflamed	ZNF474	protein_cc chr5	1.21E+08	1.22E+08	+	2364	3.365155	0.336516	-0.52574	0.157265	-3.34301	0.001171	0.007906	1
ENSG0000 response	Inflamed	MEST	protein_cc chr7	1.3E+08	1.3E+08	+	4624	883.3461	0	0.450093	0.13464	3.342934	0.001171	0.007906	1
ENSG0000 response	Inflamed	RP11-64P1	antisense chr9	1.25E+08	1.25E+08	+	636	3.353222	0.508353	-0.62756	0.187726	-3.34293	0.001171	0.007906	1
ENSG0000 response	Inflamed	IGKV1D-13	IG_V_gene chr2	90192768	90193424	+	531	1949.895	0.004773	-1.23517	0.36949	-3.3429	0.001171	0.007906	1
ENSG0000 response	Inflamed	FUT6	protein_cc chr19	5830621	5839742	-	4349	2339.759	0	0.659167	0.1972	3.342624	0.001172	0.00791	1
ENSG0000 response	Inflamed	PHB	protein_cc chr17	47481414	47492246	-	3814	4599.143	0	0.325719	0.097458	3.342135	0.001174	0.007921	1
ENSG0000 response	Inflamed	CCDC71	protein_cc chr3	49199968	49203754	-	1781	641.1695	0	-0.18825	0.056335	-3.34156	0.001176	0.007934	1
ENSG0000 response	Inflamed	C11orf70	protein_cc chr11	1.02E+08	1.02E+08	+	2647	9.245823	0.071599	-0.59121	0.176933	-3.34141	0.001177	0.007935	1
ENSG0000 response	Inflamed	RP11-465E	lincRNA chr1	1072397	1079436	+	1620	41.49642	0.045346	0.760503	0.227637	3.340856	0.001179	0.007948	1
ENSG0000 response	Inflamed	PINLYP	protein_cc chr19	44080952	44088116	+	3570	40.99523	0	-0.51396	0.153849	-3.34067	0.00118	0.00795	1
ENSG0000 response	Inflamed	PACIN2	protein_cc chr22	43231418	43411151	-	4545	6499.387	0	0.329458	0.098634	3.340219	0.001181	0.00796	1
ENSG0000 response	Inflamed	C10orf99	protein_cc chr10	85933494	85945050	+	888	6712.348	0.002387	1.390108	0.416206	3.339953	0.001182	0.007964	1
ENSG0000 response	Inflamed	DNER	protein_cc chr2	2.3E+08	2.31E+08	-	3935	24.6611	0.059666	-0.80413	0.240764	-3.33992	0.001183	0.007964	1
ENSG0000 response	Inflamed	RP11-8H2	pseudoger chr18	43608272	43609795	+	1524	1.042959	0.754177	-0.39962	0.119668	-3.33939	0.001185	0.007975	1
ENSG0000 response	Inflamed	HOXA2	protein_cc chr7	27139721	27142430	-	2066	84.87112	0.004773	0.616832	0.184771	3.338364	0.001189	0.007999	1
ENSG0000 response	Inflamed	KLF5	protein_cc chr13	73629114	73651676	+	3889	11616.94	0	0.657405	0.19693	3.338264	0.001189	0.007999	1
ENSG0000 response	Inflamed	SLC16A2	protein_cc chrX	73641085	73753752	+	4372	547.3079	0	-0.56322	0.16872	-3.33822	0.001189	0.007999	1
ENSG0000 response	Inflamed	TMEM30B	protein_cc chr14	61744088	61748558	-	4471	4003.227	0	0.641639	0.192237	3.337754	0.001191	0.008008	1
ENSG0000 response	Inflamed	AC004017	protein_cc chr19	58203868	58204128	-	261	3.591885	0.338902	-0.52002	0.1558	-3.33771	0.001191	0.008008	1
ENSG0000 response	Inflamed	DNASE2B	protein_cc chr1	84864215	84880701	+	1476	9.720764	0.088305	0.606285	0.181654	3.337587	0.001192	0.00801	1
ENSG0000 response	Inflamed	CTD-2020t	antisense chr17	43268298	43299589	-	3719	319.5752	0.004773	-0.85347	0.255752	-3.33709	0.001193	0.00802	1
ENSG0000 response	Inflamed	IZUMO4	protein_cc chr19	2096380	2099592	+	2818	82.44153	0	-0.4635	0.138908	-3.33671	0.001195	0.008028	1

ENSG0000 response	Inflamed	ABCC1	protein_cc chr16	16043434	16236931	+	7575	3431.601	0	-0.43232	0.129579	-3.33636	0.001196	0.008035	1
ENSG0000 response	Inflamed	CKMT1A	protein_cc chr15	43985084	43991420	+	3088	1195.625	0.004773	0.726161	0.217693	3.335704	0.001199	0.00805	1
ENSG0000 response	Inflamed	RASL12	protein_cc chr15	65345679	65369028	-	2798	598.0955	0	-0.52196	0.156491	-3.3354	0.0012	0.008054	1
ENSG0000 response	Inflamed	MT-TN	Mt_tRNA chrM	5657	5729	-	73	2.48926	0.431981	0.415482	0.12457	3.335327	0.0012	0.008054	1
ENSG0000 response	Inflamed	FABP1	protein_cc chr2	88422510	88427635	-	2461	45613.02	0	1.108076	0.332225	3.335322	0.0012	0.008054	1
ENSG0000 response	Inflamed	RP1-3100	antisense chr20	30615556	30619378	-	2013	1.599045	0.684964	-0.54831	0.164415	-3.33494	0.001202	0.008062	1
ENSG0000 response	Inflamed	PLA2G12B	protein_cc chr10	74694928	74714536	-	1128	63.79714	0.105012	1.200389	0.359982	3.334577	0.001203	0.008069	1
ENSG0000 response	Inflamed	RP11-1091	antisense chr15	45333914	45350905	-	542	0.742243	0.797136	-0.37446	0.1123	-3.33444	0.001204	0.008071	1
ENSG0000 response	Inflamed	SLC1A2	protein_cc chr11	35272753	35441610	-	12331	30.26492	0.088305	-1.02068	0.30614	-3.33401	0.001205	0.008079	1
ENSG0000 response	Inflamed	ASAP3	protein_cc chr1	23755056	23811061	-	4988	1716.317	0	0.366433	0.109909	3.333961	0.001206	0.008079	1
ENSG0000 response	Inflamed	CCDC109B	protein_cc chr4	1.1E+08	1.11E+08	+	3558	421.2339	0	-0.45918	0.137741	-3.33364	0.001207	0.008085	1
ENSG0000 response	Inflamed	CST3	protein_cc chr20	23608534	23619110	-	2504	20206.08	0	0.315815	0.09474	3.333505	0.001207	0.008087	1
ENSG0000 response	Inflamed	PDZK1	protein_cc chr1	1.46E+08	1.46E+08	+	2347	63.65394	0.045346	1.183067	0.354953	3.333028	0.001209	0.008097	1
ENSG0000 response	Inflamed	RAP1GAP2	protein_cc chr17	2680350	2941033	+	7350	2821.783	0	0.439672	0.131918	3.332914	0.00121	0.008097	1
ENSG0000 response	Inflamed	RASSF8	protein_cc chr12	26111962	26232825	+	7615	206.6325	0.01432	-0.90216	0.270685	-3.33288	0.00121	0.008097	1
ENSG0000 response	Inflamed	CLIP3	protein_cc chr19	36505562	36524245	-	3772	764.9427	0	-0.60805	0.182449	-3.33272	0.00121	0.008099	1
ENSG0000 response	Inflamed	WDR83	protein_cc chr19	12777614	12786646	+	2360	209.5107	0	-0.22189	0.066589	-3.33229	0.001212	0.008108	1
ENSG0000 response	Inflamed	CASZ1	protein_cc chr1	10696661	10856707	-	11336	2834.048	0	0.514034	0.154358	3.330141	0.001221	0.008163	1
ENSG0000 response	Inflamed	TRBV20-1	TR_V_gene chr7	1.42E+08	1.42E+08	+	413	57.4463	0.004773	-0.71878	0.215872	-3.32967	0.001222	0.008173	1
ENSG0000 response	Inflamed	CCDC28B	protein_cc chr1	32665987	32670988	+	2818	99.98329	0	-0.46932	0.140961	-3.32945	0.001223	0.008177	1
ENSG0000 response	Inflamed	TPM2	protein_cc chr9	35681989	35691017	-	4047	3020.663	0	-0.62804	0.188641	-3.32931	0.001224	0.008178	1
ENSG0000 response	Inflamed	SIX1	protein_cc chr14	61110133	61124977	-	5430	12.37947	0.202864	-0.82864	0.248903	-3.32918	0.001224	0.00818	1
ENSG0000 response	Inflamed	TCIRG1	protein_cc chr11	67806483	67818362	+	4384	7170.379	0	-0.3719	0.111172	-3.32887	0.001226	0.008186	1
ENSG0000 response	Inflamed	ARHGAP35	protein_cc chr8	1.46E+08	1.46E+08	-	5012	573.0931	0	0.433012	0.130088	3.328607	0.001227	0.008191	1
ENSG0000 response	Inflamed	NUDT17	protein_cc chr1	1.46E+08	1.46E+08	-	1657	59.42482	0	-0.37441	0.112492	-3.32831	0.001228	0.008196	1
ENSG0000 response	Inflamed	C17orf51	protein_cc chr17	21428051	21477722	-	8760	274.5274	0.002387	-0.49454	0.148594	-3.32816	0.001228	0.008197	1
ENSG0000 response	Inflamed	HDGFRP3	protein_cc chr15	83784320	83876770	-	3112	298.1718	0	-0.62814	0.188738	-3.32812	0.001228	0.008197	1
ENSG0000 response	Inflamed	C10orf95	protein_cc chr10	1.04E+08	1.04E+08	-	1469	51.7494	0.002387	0.487556	0.146526	3.327445	0.001231	0.008211	1
ENSG0000 response	Inflamed	RTKN	protein_cc chr2	74652963	74669549	-	5005	1403.053	0	0.343815	0.103328	3.327428	0.001231	0.008211	1
ENSG0000 response	Inflamed	RP11-43N1	lincRNA chr12	68102827	68123255	-	3135	14.52267	0.286396	0.992901	0.298449	3.326866	0.001233	0.008224	1
ENSG0000 response	Inflamed	RP11-148k	antisense chr7	1.51E+08	1.51E+08	-	1230	13.83532	0.045346	0.551505	0.165797	3.326383	0.001235	0.008234	1
ENSG0000 response	Inflamed	GGN	protein_cc chr19	38874905	38878722	-	2447	20.86635	0.033413	-0.69679	0.209477	-3.32634	0.001236	0.008234	1
ENSG0000 response	Inflamed	TSHZ3	protein_cc chr19	31765851	31840453	-	5817	466.2792	0	-0.5898	0.17732	-3.3262	0.001236	0.008236	1
ENSG0000 response	Inflamed	NDST2	protein_cc chr10	75561669	75571589	-	4685	114.2506	0	-0.33154	0.099689	-3.32575	0.001238	0.008245	1
ENSG0000 response	Inflamed	KCND3	protein_cc chr1	1.12E+08	1.13E+08	-	7863	929.599	0	-0.86713	0.260852	-3.32424	0.001244	0.008284	1
ENSG0000 response	Inflamed	PAPSS1	protein_cc chr4	1.09E+08	1.09E+08	-	3478	1272.895	0	-0.40036	0.12044	-3.32414	0.001244	0.008284	1
ENSG0000 response	Inflamed	D86994.2	miRNA chr22	23006898	23006993	+	96	947.6921	0.073986	-1.01827	0.30643	-3.32301	0.001249	0.008312	1
ENSG0000 response	Inflamed	IGHV3-65	IG_V_pseud chr14	1.07E+08	1.07E+08	-	341	2.873508	0.613365	-0.66751	0.200883	-3.32288	0.001249	0.008314	1
ENSG0000 response	Inflamed	RP11-4651	antisense chr1	2.02E+08	2.02E+08	-	657	53.77804	0.00716	0.614745	0.185034	3.322338	0.001252	0.008326	1
ENSG0000 response	Inflamed	DLK2	protein_cc chr6	43418090	43424370	-	2236	12.78759	0.081146	-0.62357	0.187703	-3.32211	0.001253	0.00833	1

ENSG0000 response	Inflamed	PHC2	protein_cc chr1	33789224	33896653	-	5410	4721.115	0	-0.35625	0.107293	-3.32036	0.00126	0.008375	1
ENSG0000 response	Inflamed	CHIT1	protein_cc chr1	2.03E+08	2.03E+08	-	7730	85.63484	0.01432	-0.90519	0.272631	-3.32019	0.00126	0.008377	1
ENSG0000 response	Inflamed	IGLV1-36	IG_V_gene chr22	22786296	22786802	+	392	822.7589	0.002387	-1.25066	0.376689	-3.32014	0.00126	0.008377	1
ENSG0000 response	Inflamed	SNORA47	snoRNA chr5	76376259	76376396	-	138	1.250597	0.668258	0.374044	0.112686	3.319346	0.001264	0.008396	1
ENSG0000 response	Inflamed	EMID1	protein_cc chr22	29601840	29655586	+	4899	1132.637	0	-0.45459	0.136972	-3.31889	0.001266	0.008406	1
ENSG0000 response	Inflamed	RP4-550H1	lincRNA chr20	34660363	34673182	+	682	1.527446	0.584726	0.363825	0.109625	3.318804	0.001266	0.008406	1
ENSG0000 response	Inflamed	PARM1	protein_cc chr4	75858305	75975325	+	5034	18062.02	0	0.543125	0.163661	3.318603	0.001267	0.00841	1
ENSG0000 response	Inflamed	GAPT	protein_cc chr5	57787262	57792917	+	3273	139.3962	0	-0.72503	0.218488	-3.31839	0.001268	0.008413	1
ENSG0000 response	Inflamed	ORAI3	protein_cc chr16	30960387	30967782	+	2643	388.4988	0	-0.29315	0.088352	-3.31801	0.001269	0.008422	1
ENSG0000 response	Inflamed	STYK1	protein_cc chr12	10771538	10826917	-	3424	698.9332	0	0.690741	0.208204	3.317614	0.001271	0.00843	1
ENSG0000 response	Inflamed	CEP112	protein_cc chr17	63631656	64188202	-	7849	71.49642	0	-0.60026	0.180943	-3.31738	0.001272	0.008435	1
ENSG0000 response	Inflamed	CTD-2377I	lincRNA chr17	46782360	46784708	+	1974	925.6468	0.002387	0.822089	0.247903	3.316168	0.001277	0.008464	1
ENSG0000 response	Inflamed	C12orf45	protein_cc chr12	1.05E+08	1.05E+08	+	1424	233.8401	0	-0.3029	0.091342	-3.31613	0.001277	0.008464	1
ENSG0000 response	Inflamed	RP11-98G1	lincRNA chr1	1.56E+08	1.56E+08	-	990	1.878282	0.551313	0.379768	0.114556	3.315116	0.001281	0.00849	1
ENSG0000 response	Inflamed	YIF1B	protein_cc chr19	38795753	38807913	-	3184	1170.442	0	-0.3112	0.093879	-3.31492	0.001282	0.008493	1
ENSG0000 response	Inflamed	RP11-145M	lincRNA chr1	59522315	59553867	+	623	2.057279	0.53222	-0.46661	0.140804	-3.31388	0.001286	0.008519	1
ENSG0000 response	Inflamed	STON1-GT	protein_cc chr2	48757064	49003654	+	4294	1.159905	0.74463	-0.44018	0.132846	-3.31347	0.001288	0.008528	1
ENSG0000 response	Inflamed	SEMA6B	protein_cc chr19	4542600	4559820	-	4423	1269.081	0	-0.60437	0.182407	-3.31329	0.001289	0.008531	1
ENSG0000 response	Inflamed	CHKB-AS1	antisense chr22	51021455	51022306	+	578	16.21718	0.004773	-0.40311	0.121672	-3.31308	0.001289	0.008535	1
ENSG0000 response	Inflamed	VGLL3	protein_cc chr3	86987119	87040269	-	11574	129.3055	0.01432	-0.91411	0.275976	-3.3123	0.001293	0.008554	1
ENSG0000 response	Inflamed	SNED1	protein_cc chr2	2.42E+08	2.42E+08	+	13592	1636.48	0	-0.65228	0.196957	-3.31179	0.001295	0.008566	1
ENSG0000 response	Inflamed	TMEM59	protein_cc chr1	54497347	54519177	-	4156	9095.427	0	0.2945	0.088939	3.311246	0.001297	0.008579	1
ENSG0000 response	Inflamed	SPOCD1	protein_cc chr1	32256023	32281652	-	7085	125.7375	0.004773	-0.68948	0.208231	-3.31113	0.001298	0.00858	1
ENSG0000 response	Inflamed	RP1-273G1	pseudoger chr8	33827079	33827397	-	319	8.854415	0.042959	0.46025	0.139015	3.310788	0.001299	0.008587	1
ENSG0000 response	Inflamed	CC2D1A	protein_cc chr19	14017014	14041692	+	5039	4299.406	0	0.373855	0.112929	3.310539	0.0013	0.008592	1
ENSG0000 response	Inflamed	RPL36AP4	pseudoger chr15	90231168	90231474	-	307	10.66826	0.145585	0.712391	0.215204	3.310308	0.001301	0.008596	1
ENSG0000 response	Inflamed	GPR182	protein_cc chr12	57388230	57390468	+	1694	4.24105	0.381862	-0.62575	0.189037	-3.3102	0.001301	0.008597	1
ENSG0000 response	Inflamed	RP11-723C1	lincRNA chr3	1.29E+08	1.29E+08	-	811	12.01432	0.059666	-0.56949	0.172046	-3.31012	0.001302	0.008597	1
ENSG0000 response	Inflamed	RBPMS-AS	antisense chr8	30239635	30242917	-	1171	16.65632	0.0358	-0.54725	0.165335	-3.30997	0.001302	0.008598	1
ENSG0000 response	Inflamed	KCNT1	protein_cc chr9	1.39E+08	1.39E+08	+	9275	6.040573	0.236277	-0.62005	0.187332	-3.30991	0.001303	0.008598	1
ENSG0000 response	Inflamed	ZDHHC23	protein_cc chr3	1.14E+08	1.14E+08	+	7138	1170.47	0	0.680166	0.2055	3.309807	0.001303	0.008599	1
ENSG0000 response	Inflamed	RN7SL5411	misc_RNA chr5	1.34E+08	1.34E+08	+	285	8.52506	0.186158	0.604654	0.182701	3.309524	0.001304	0.008605	1
ENSG0000 response	Inflamed	PLBD2	protein_cc chr12	1.14E+08	1.14E+08	+	3033	1733.272	0	-0.39102	0.118168	-3.30904	0.001306	0.008616	1
ENSG0000 response	Inflamed	RIMS4	protein_cc chr20	43380449	43438979	-	5206	47.26014	0.140811	1.019341	0.308165	3.307779	0.001312	0.008649	1
ENSG0000 response	Inflamed	IFI16	protein_cc chr1	1.59E+08	1.59E+08	+	5294	1798.134	0	-0.64011	0.193542	-3.30733	0.001313	0.008659	1
ENSG0000 response	Inflamed	TRBV6-6	TR_V_gene chr7	1.42E+08	1.42E+08	-	388	13.05489	0.076372	-0.6204	0.187594	-3.30714	0.001314	0.008662	1
ENSG0000 response	Inflamed	ST3GAL6-1	antisense chr3	98433174	98451495	-	843	4.245823	0.21957	-0.52812	0.159713	-3.30669	0.001316	0.008671	1
ENSG0000 response	Inflamed	CHPT1	protein_cc chr12	1.02E+08	1.02E+08	+	6004	2110.487	0	0.347677	0.105145	3.306647	0.001316	0.008671	1
ENSG0000 response	Inflamed	PTPRS	protein_cc chr19	5158506	5340814	-	9460	1237.36	0	-0.60896	0.184207	-3.30586	0.00132	0.008691	1
ENSG0000 response	Inflamed	PLA2G12A	protein_cc chr4	1.11E+08	1.11E+08	-	5228	869.2196	0	0.363031	0.109825	3.305541	0.001321	0.008698	1

ENSG0000 response	Inflamed	ATF4	protein_cc chr22	39915700	39918691	+	2515	10135.8	0	-0.26462	0.080057	-3.30542	0.001322	0.008699	1
ENSG0000 response	Inflamed	RP4-575N1	antisense chr1	1.02E+08	1.02E+08	-	403	4.131265	0.295943	-0.59463	0.179926	-3.30487	0.001324	0.008712	1
ENSG0000 response	Inflamed	IGHV3-72	IG_V_gene chr14	1.07E+08	1.07E+08	-	437	3844.148	0	-1.06303	0.321688	-3.30452	0.001325	0.00872	1
ENSG0000 response	Inflamed	DNAH6	protein_cc chr2	84743579	85046713	+	13514	24.80907	0.02148	0.631906	0.191228	3.304457	0.001326	0.00872	1
ENSG0000 response	Inflamed	KBTBD11	protein_cc chr8	1922044	1955102	+	6710	2381.976	0	0.544054	0.164649	3.304327	0.001326	0.00872	1
ENSG0000 response	Inflamed	FAM149A	protein_cc chr4	1.87E+08	1.87E+08	+	5218	336.6229	0	0.369306	0.111767	3.304238	0.001327	0.00872	1
ENSG0000 response	Inflamed	CACNA1D	protein_cc chr3	53528683	53847760	+	11218	398.7064	0	0.683792	0.206945	3.304219	0.001327	0.00872	1
ENSG0000 response	Inflamed	SLC4A10	protein_cc chr2	1.62E+08	1.63E+08	+	7550	65.29117	0.026253	0.71799	0.217324	3.303786	0.001329	0.008729	1
ENSG0000 response	Inflamed	CA12	protein_cc chr15	63613577	63674360	-	7313	16402.57	0	0.638278	0.1932	3.303727	0.001329	0.008729	1
ENSG0000 response	Inflamed	CNFN	protein_cc chr19	42891171	42894439	-	603	52.69451	0	0.638944	0.193412	3.303543	0.00133	0.008732	1
ENSG0000 response	Inflamed	DQX1	protein_cc chr2	74745258	74753463	-	2940	1031.747	0	0.619977	0.187744	3.302243	0.001335	0.008766	1
ENSG0000 response	Inflamed	CNTNAP3	protein_cc chr9	39072764	39288312	-	9525	38.38186	0.026253	-0.70754	0.214324	-3.30126	0.001339	0.008792	1
ENSG0000 response	Inflamed	THSD7A	protein_cc chr7	11409984	11871824	-	10923	96.23628	0.023866	-0.80021	0.242419	-3.30093	0.001341	0.008799	1
ENSG0000 response	Inflamed	PDE4A	protein_cc chr19	10527449	10580305	+	6644	1319.033	0	-0.40875	0.123833	-3.30083	0.001341	0.008799	1
ENSG0000 response	Inflamed	ACY1	protein_cc chr3	52009066	52023213	+	3768	338.7947	0	0.364446	0.110433	3.300144	0.001344	0.008815	1
ENSG0000 response	Inflamed	LMTK3	protein_cc chr19	48988528	49016446	-	5163	118.2029	0	-0.56891	0.172391	-3.30011	0.001344	0.008815	1
ENSG0000 response	Inflamed	SLC6A17	protein_cc chr1	1.11E+08	1.11E+08	+	6644	7.217184	0.178998	-0.68602	0.207889	-3.29993	0.001345	0.008818	1
ENSG0000 response	Inflamed	NAALADL1	protein_cc chr11	64812290	64826021	-	4044	820	0	0.837988	0.25396	3.299681	0.001346	0.008821	1
ENSG0000 response	Inflamed	WDR65	protein_cc chr1	43637820	43720029	+	5665	5.379475	0.157518	-0.46112	0.139746	-3.29968	0.001346	0.008821	1
ENSG0000 response	Inflamed	ACVR1	protein_cc chr2	1.59E+08	1.59E+08	-	3988	1030.31	0	-0.40572	0.122966	-3.29941	0.001347	0.008827	1
ENSG0000 response	Inflamed	TTLL6	protein_cc chr17	46839597	46894576	-	5097	417.8496	0.00716	0.871288	0.264121	3.298816	0.00135	0.008841	1
ENSG0000 response	Inflamed	FABP2	protein_cc chr4	1.2E+08	1.2E+08	-	2478	1523.2	0.004773	1.008635	0.305794	3.298411	0.001352	0.008846	1
ENSG0000 response	Inflamed	CD34	protein_cc chr1	2.08E+08	2.08E+08	-	3949	1662.73	0	-0.65107	0.197393	-3.29835	0.001352	0.008846	1
ENSG0000 response	Inflamed	ACAA1	protein_cc chr3	38144620	38178733	-	7106	3972.422	0	0.246713	0.074799	3.29834	0.001352	0.008846	1
ENSG0000 response	Inflamed	SLC7A10	protein_cc chr19	33699570	33716756	-	3111	9.613365	0.169451	-0.68229	0.206858	-3.29834	0.001352	0.008846	1
ENSG0000 response	Inflamed	FAM83E	protein_cc chr19	49104067	49118111	-	2529	5558.8	0	0.767339	0.232671	3.297962	0.001354	0.008854	1
ENSG0000 response	Inflamed	AC130710	lincRNA chr2	16190549	16225923	+	1330	0.868735	0.787589	0.324055	0.098276	3.29741	0.001356	0.008868	1
ENSG0000 response	Inflamed	SERPINA4	protein_cc chr14	95027428	95036250	+	2338	1.930788	0.692124	-0.59218	0.179597	-3.29724	0.001357	0.008868	1
ENSG0000 response	Inflamed	COL9A3	protein_cc chr20	61447596	61472511	+	4831	183.7064	0	-0.48925	0.148381	-3.29723	0.001357	0.008868	1
ENSG0000 response	Inflamed	MAP3K8	protein_cc chr10	30722866	30750762	+	3601	612.2864	0	-0.59982	0.181951	-3.2966	0.00136	0.008884	1
ENSG0000 response	Inflamed	TPTE2P5	pseudoger chr13	41396432	41495890	-	1343	14.78282	0.054893	0.645727	0.195893	3.296322	0.001361	0.00889	1
ENSG0000 response	Inflamed	RMND5A	protein_cc chr2	86947296	87005164	+	6804	2806.48	0	0.544304	0.16513	3.296225	0.001361	0.00889	1
ENSG0000 response	Inflamed	ARAP1	protein_cc chr11	72396114	72504644	-	9047	6138.516	0	-0.35995	0.109208	-3.29599	0.001362	0.008895	1
ENSG0000 response	Inflamed	CASD1	protein_cc chr7	94138531	94186331	+	5271	1079.745	0.002387	0.605566	0.18378	3.295064	0.001366	0.008919	1
ENSG0000 response	Inflamed	KIAA1456	protein_cc chr8	12803151	12889012	+	14668	258.2554	0	0.730544	0.221747	3.294499	0.001369	0.008933	1
ENSG0000 response	Inflamed	RP11-8611	lincRNA chr3	1.08E+08	1.08E+08	+	2592	44.31981	0.062053	-1.0083	0.306083	-3.29421	0.00137	0.008939	1
ENSG0000 response	Inflamed	ABCC3	protein_cc chr17	48712138	48769613	+	9614	13404.61	0	0.472422	0.143413	3.294125	0.00137	0.008939	1
ENSG0000 response	Inflamed	THSD4	protein_cc chr15	71389291	72075722	+	15803	1702.659	0	0.623241	0.189208	3.293942	0.001371	0.008942	1
ENSG0000 response	Inflamed	PPA2	protein_cc chr4	1.06E+08	1.06E+08	-	4654	1358.551	0	0.327976	0.099584	3.293481	0.001373	0.008953	1
ENSG0000 response	Inflamed	EPN1	protein_cc chr19	56186592	56221224	+	3849	10945.77	0	0.291131	0.08841	3.29296	0.001375	0.008966	1

ENSG0000 response	Inflamed	AICDA	protein_cc chr12	8754762	8765467	-	3115	23	0.310263	-1.1193	0.33995	-3.29254	0.001377	0.008976	1
ENSG0000 response	Inflamed	RP11-986E	protein_cc chr14	95058395	95090983	+	3067	4.085919	0.408115	-0.61669	0.187316	-3.29226	0.001379	0.008982	1
ENSG0000 response	Inflamed	RP11-300J	lincRNA chr14	88490894	88563276	+	2120	3.620525	0.377088	-0.51837	0.157478	-3.29168	0.001381	0.008996	1
ENSG0000 response	Inflamed	ASPHD1	protein_cc chr16	29911696	29931185	+	2312	108.2196	0	-0.57404	0.174399	-3.29153	0.001382	0.008998	1
ENSG0000 response	Inflamed	AC017048	lincRNA chr2	1.77E+08	1.78E+08	-	1783	71.34845	0	-0.54389	0.165254	-3.29123	0.001383	0.009002	1
ENSG0000 response	Inflamed	SH3RF2	protein_cc chr5	1.45E+08	1.45E+08	+	7232	2918.363	0	0.702041	0.213315	3.291101	0.001384	0.009002	1
ENSG0000 response	Inflamed	DNAJB5	protein_cc chr9	34989638	34998897	+	5891	314.4582	0.002387	-0.59452	0.180646	-3.29108	0.001384	0.009002	1
ENSG0000 response	Inflamed	B3GALT1	protein_cc chr2	1.69E+08	1.69E+08	+	5353	359.3294	0.009547	1.201963	0.365223	3.291033	0.001384	0.009002	1
ENSG0000 response	Inflamed	RP11-15H2	processed_chr19	23442708	23457053	-	5091	142.5728	0	0.496162	0.150762	3.291019	0.001384	0.009002	1
ENSG0000 response	Inflamed	IGHV3-35	IG_V_gene chr14	1.07E+08	1.07E+08	-	366	4.894988	0.389021	-0.57744	0.17547	-3.29085	0.001385	0.009005	1
ENSG0000 response	Inflamed	PRSS3	protein_cc chr9	33750515	33799230	+	1614	3332.234	0	0.724305	0.220108	3.290677	0.001386	0.009007	1
ENSG0000 response	Inflamed	TUBB4B	protein_cc chr9	1.4E+08	1.4E+08	+	2111	17426.14	0	0.294187	0.089411	3.290281	0.001387	0.009017	1
ENSG0000 response	Inflamed	IGDCC4	protein_cc chr15	65673802	65715410	-	7764	829.7279	0.002387	-0.7662	0.232299	-3.28853	0.001395	0.009065	1
ENSG0000 response	Inflamed	IGHV3OR1	IG_V_pseu chr16	32926395	32926857	+	360	1.26969	0.677804	-0.42991	0.130741	-3.28823	0.001396	0.009071	1
ENSG0000 response	Inflamed	LINC00862	lincRNA chr1	2E+08	2E+08	-	1757	2.863962	0.403341	-0.51893	0.157822	-3.28809	0.001397	0.009073	1
ENSG0000 response	Inflamed	RP11-424I	lincRNA chr15	1.02E+08	1.02E+08	+	762	2.536993	0.51074	-0.55039	0.167401	-3.28786	0.001398	0.009078	1
ENSG0000 response	Inflamed	ANO10	protein_cc chr3	43396351	43733086	-	5287	2104	0	0.312435	0.095031	3.287723	0.001399	0.009079	1
ENSG0000 response	Inflamed	RSPO4	protein_cc chr20	939095	982907	-	2710	7.861575	0.300716	-0.80919	0.246145	-3.28745	0.0014	0.009085	1
ENSG0000 response	Inflamed	LCN2	protein_cc chr9	1.31E+08	1.31E+08	+	2057	31698.69	0	-1.17409	0.35716	-3.28731	0.001401	0.009087	1
ENSG0000 response	Inflamed	AMZ2	protein_cc chr17	66243715	66253297	+	4206	934.2267	0	-0.27234	0.082848	-3.28717	0.001401	0.009089	1
ENSG0000 response	Inflamed	TIGIT	protein_cc chr3	1.14E+08	1.14E+08	+	6091	286.3126	0	-0.69045	0.210059	-3.28693	0.001402	0.009093	1
ENSG0000 response	Inflamed	ETNK2	protein_cc chr1	2.04E+08	2.04E+08	-	4648	81.63962	0	-0.57593	0.175242	-3.28651	0.001404	0.009104	1
ENSG0000 response	Inflamed	AC012146	processed_chr17	5014763	5017674	+	856	41.2506	0	-0.49336	0.150164	-3.28544	0.001409	0.009132	1
ENSG0000 response	Inflamed	PISD	protein_cc chr22	32014477	32058418	-	5002	1421.475	0	-0.26577	0.080903	-3.28508	0.001411	0.009141	1
ENSG0000 response	Inflamed	ASPG	protein_cc chr14	1.05E+08	1.05E+08	+	3305	240.0621	0.002387	0.876869	0.266943	3.28485	0.001412	0.009144	1
ENSG0000 response	Inflamed	AC004538	processed_chr7	11221359	11559802	+	4621	7.088305	0.121718	-0.5825	0.177334	-3.28479	0.001412	0.009144	1
ENSG0000 response	Inflamed	TOX3	protein_cc chr16	52471917	52581714	-	5031	1196.484	0	0.651349	0.198298	3.284693	0.001412	0.009144	1
ENSG0000 response	Inflamed	FBXO17	protein_cc chr19	39432044	39466550	-	4957	140.7542	0	-0.50591	0.154022	-3.28465	0.001412	0.009144	1
ENSG0000 response	Inflamed	NEO1	protein_cc chr15	73344051	73597547	+	8117	9096.487	0	0.537158	0.163553	3.284311	0.001414	0.009152	1
ENSG0000 response	Inflamed	PAX5	protein_cc chr9	36833272	37034103	-	9254	831.8902	0	-1.2601	0.383685	-3.28422	0.001414	0.009152	1
ENSG0000 response	Inflamed	ATP11A	protein_cc chr13	1.13E+08	1.14E+08	+	12172	1893.11	0.002387	-0.53842	0.164018	-3.28266	0.001422	0.009195	1
ENSG0000 response	Inflamed	OR7E14P	pseudoger chr11	17035545	17074583	+	1382	349.0883	0	0.540946	0.164792	3.282599	0.001422	0.009195	1
ENSG0000 response	Inflamed	MDH2	protein_cc chr7	75677369	75696826	+	3641	9108.926	0	0.243668	0.074248	3.281811	0.001425	0.009216	1
ENSG0000 response	Inflamed	ARHGAP36	protein_cc chrX	1.3E+08	1.3E+08	+	3173	3.658711	0.498807	0.521499	0.158926	3.281405	0.001427	0.009226	1
ENSG0000 response	Inflamed	RP11-511E	antisense chr12	93397191	93609455	-	1914	3.615752	0.310263	0.45058	0.137316	3.281328	0.001428	0.009226	1
ENSG0000 response	Inflamed	RAB24	protein_cc chr5	1.77E+08	1.77E+08	-	2065	539.5442	0	-0.39426	0.120163	-3.28109	0.001429	0.009231	1
ENSG0000 response	Inflamed	CPA3	protein_cc chr3	1.49E+08	1.49E+08	+	1848	1337.613	0	-0.70861	0.216007	-3.28049	0.001431	0.009246	1
ENSG0000 response	Inflamed	RP11-467L	pseudoger chr12	31907651	31908055	+	405	11.34606	0.062053	-0.59664	0.181897	-3.28012	0.001433	0.009254	1
ENSG0000 response	Inflamed	TTYH3	protein_cc chr7	2671585	2704436	+	6129	8049.776	0	-0.46513	0.141805	-3.28007	0.001433	0.009254	1
ENSG0000 response	Inflamed	TUBG2	protein_cc chr17	40811323	40819024	+	2772	342.9618	0	-0.44022	0.13425	-3.27908	0.001438	0.009281	1

ENSG0000 response	Inflamed	RP11-204L antisense	chr2	1.22E+08	1.22E+08	+	682	6.763723	0.138425	-0.52225	0.159273	-3.27898	0.001438	0.009282	1
ENSG0000 response	Inflamed	AC093627 lincRNA	chr7	149597	155465	+	5149	60.5537	0	-0.40961	0.124951	-3.27814	0.001442	0.009302	1
ENSG0000 response	Inflamed	ARF3 protein_cc	chr12	49329506	49351334	-	5002	12605.73	0	0.324319	0.098935	3.278104	0.001442	0.009302	1
ENSG0000 response	Inflamed	H1FX-AS1 antisense	chr3	1.29E+08	1.29E+08	+	3420	106.8329	0	-0.47351	0.144449	-3.27807	0.001443	0.009302	1
ENSG0000 response	Inflamed	RP11-326C lincRNA	chr11	333192	333688	+	497	6.369928	0.386635	-0.77335	0.235933	-3.27786	0.001443	0.009304	1
ENSG0000 response	Inflamed	FABP5P7 pseudoger	chr11	59548786	59549195	-	410	11.13842	0.023866	0.487208	0.148637	3.277834	0.001444	0.009304	1
ENSG0000 response	Inflamed	PLVAP protein_cc	chr19	17462257	17488159	-	2305	8679.902	0	-0.616	0.187958	-3.27735	0.001446	0.009316	1
ENSG0000 response	Inflamed	SNX10 protein_cc	chr7	26331541	26413949	+	3421	297.9141	0	-0.74308	0.226767	-3.27683	0.001448	0.00933	1
ENSG0000 response	Inflamed	B3GALT2 protein_cc	chr1	1.93E+08	1.93E+08	-	3274	41.04773	0.002387	0.655359	0.200032	3.276278	0.001451	0.009344	1
ENSG0000 response	Inflamed	SPG21 protein_cc	chr15	65255362	65282648	-	3984	2180.816	0	-0.19862	0.060635	-3.27564	0.001454	0.00936	1
ENSG0000 response	Inflamed	CTA-150C lincRNA	chr22	39317232	39320713	+	678	3.145585	0.556086	0.471629	0.143994	3.275343	0.001455	0.009367	1
ENSG0000 response	Inflamed	FBXL2 protein_cc	chr3	33318517	33445154	+	7664	34.77566	0.016706	-0.67439	0.205935	-3.27478	0.001458	0.009382	1
ENSG0000 response	Inflamed	RP11-312C antisense	chr1	2.06E+08	2.06E+08	-	895	13.45585	0.038186	-0.53182	0.162466	-3.27343	0.001464	0.00942	1
ENSG0000 response	Inflamed	FAM19A3 protein_cc	chr1	1.13E+08	1.13E+08	+	1282	1.059666	0.742243	-0.33093	0.101101	-3.2733	0.001465	0.00942	1
ENSG0000 response	Inflamed	U47924.27 lincRNA	chr12	7072409	7073610	+	350	95.7852	0.009547	0.627502	0.191704	3.27328	0.001465	0.00942	1
ENSG0000 response	Inflamed	RP11-6N1 antisense	chr17	46024168	46025641	-	527	30.99523	0.031026	0.7884	0.240892	3.272836	0.001467	0.00943	1
ENSG0000 response	Inflamed	TMEM56 protein_cc	chr1	95582894	95663163	+	7402	818.1575	0	0.825324	0.252177	3.272797	0.001467	0.00943	1
ENSG0000 response	Inflamed	RP11-773 pseudoger	chr18	12912843	12913905	+	1063	3.431981	0.329356	-0.49281	0.150588	-3.27257	0.001468	0.009434	1
ENSG0000 response	Inflamed	KCNA5 protein_cc	chr12	5153085	5155949	+	2865	25.44869	0.033413	-0.80371	0.245623	-3.27215	0.00147	0.009443	1
ENSG0000 response	Inflamed	NOS2P3 pseudoger	chr17	20339650	20350557	+	3638	1.933174	0.536993	0.469355	0.143441	3.272106	0.00147	0.009443	1
ENSG0000 response	Inflamed	SDC4 protein_cc	chr20	43953928	43977064	-	2613	5352.477	0	0.337949	0.103302	3.271451	0.001473	0.009461	1
ENSG0000 response	Inflamed	ABCC6P1 pseudoger	chr16	18582484	18609650	+	3431	168.9761	0.002387	0.772967	0.236325	3.270785	0.001476	0.009479	1
ENSG0000 response	Inflamed	MT-TD Mt_tRNA	chrM	7518	7585	+	68	159.2053	0.038186	0.805032	0.246159	3.270375	0.001478	0.009489	1
ENSG0000 response	Inflamed	XK protein_cc	chrX	37545012	37591383	+	5206	1135.031	0	0.696525	0.212989	3.270236	0.001479	0.009491	1
ENSG0000 response	Inflamed	SUSD5 protein_cc	chr3	33191537	33260707	-	5005	12.06444	0.157518	-0.83207	0.254496	-3.2695	0.001482	0.009511	1
ENSG0000 response	Inflamed	PRR13 protein_cc	chr12	53835389	53840429	+	2897	6691.017	0	0.276069	0.084442	3.269315	0.001483	0.009514	1
ENSG0000 response	Inflamed	QPRT protein_cc	chr16	29674600	29710020	+	3680	1407.78	0	0.411105	0.125784	3.268337	0.001488	0.009541	1
ENSG0000 response	Inflamed	MSX2 protein_cc	chr5	1.74E+08	1.74E+08	+	2270	89.27446	0	-0.70353	0.215263	-3.26823	0.001488	0.009541	1
ENSG0000 response	Inflamed	TIGD3 protein_cc	chr11	65122238	65125084	+	2012	21.43437	0.011933	-0.4652	0.142344	-3.26818	0.001489	0.009541	1
ENSG0000 response	Inflamed	RP11-103J lincRNA	chr20	10981952	10982411	+	460	2.319809	0.560859	0.437697	0.133964	3.267269	0.001493	0.009567	1
ENSG0000 response	Inflamed	SIAE protein_cc	chr11	1.25E+08	1.25E+08	-	7911	6185.706	0	0.473162	0.14486	3.266338	0.001497	0.009593	1
ENSG0000 response	Inflamed	RPIA protein_cc	chr2	88991162	89050452	+	1848	832.4391	0	0.278141	0.085163	3.265981	0.001499	0.009601	1
ENSG0000 response	Inflamed	TBPL2 protein_cc	chr14	55880259	55923444	-	2407	1.863962	0.646778	0.424322	0.129926	3.265883	0.0015	0.009601	1
ENSG0000 response	Inflamed	DAZL protein_cc	chr3	16628299	16711813	-	3631	10.0358	0.393795	-0.94229	0.288529	-3.26584	0.0015	0.009601	1
ENSG0000 response	Inflamed	RHBDL2 protein_cc	chr1	39351479	39407471	-	2914	752.3484	0	0.546683	0.167445	3.264844	0.001505	0.009629	1
ENSG0000 response	Inflamed	RGMB protein_cc	chr5	98104354	98134347	+	6671	2478.702	0	0.618405	0.189429	3.264568	0.001506	0.009635	1
ENSG0000 response	Inflamed	HCST protein_cc	chr19	36393382	36395279	+	613	363.1766	0	-0.50305	0.154097	-3.26448	0.001506	0.009636	1
ENSG0000 response	Inflamed	NHSL2 protein_cc	chrX	71130938	71363424	+	5001	126.4558	0.016706	-0.74468	0.228125	-3.26436	0.001507	0.009637	1
ENSG0000 response	Inflamed	NRGN protein_cc	chr11	1.25E+08	1.25E+08	+	1309	162.7733	0	-0.4727	0.144814	-3.2642	0.001508	0.009638	1
ENSG0000 response	Inflamed	IGHV4OR1 IG_V_gene	chr15	22472918	22473353	-	353	1465.874	0.004773	-1.15173	0.352839	-3.26418	0.001508	0.009638	1

ENSG0000 response	Inflamed	AC011747 antisense	chr2	8806766	8821993	-	2060	64.78043	0.004773	0.749071	0.22949	3.264062	0.001508	0.009639	1
ENSG0000 response	Inflamed	AC069277 lincRNA	chr3	6532166	6777816	+	3023	9.718377	0.159905	0.73842	0.226233	3.263984	0.001509	0.009639	1
ENSG0000 response	Inflamed	CD200 protein_cc	chr3	1.12E+08	1.12E+08	+	2991	329.8401	0	-0.50102	0.153506	-3.26386	0.001509	0.009641	1
ENSG0000 response	Inflamed	FTL protein_cc	chr19	49468558	49470135	+	878	70707.24	0	-0.44175	0.135369	-3.26332	0.001512	0.009655	1
ENSG0000 response	Inflamed	DYRK2 protein_cc	chr12	68042118	68059186	+	9494	3665.859	0	0.574709	0.176148	3.262649	0.001515	0.009673	1
ENSG0000 response	Inflamed	TRABD2B protein_cc	chr1	48226200	48462567	-	7034	193.821	0.002387	-0.64766	0.19852	-3.26247	0.001516	0.009676	1
ENSG0000 response	Inflamed	IGF2 protein_cc	chr11	2150342	2170833	-	6979	572.8568	0	-0.7568	0.232041	-3.26149	0.001521	0.009704	1
ENSG0000 response	Inflamed	COL6A4P2 pseudoger	chr3	1.3E+08	1.3E+08	+	3814	19.03341	0.100239	-0.87647	0.268762	-3.26114	0.001522	0.009713	1
ENSG0000 response	Inflamed	GJA1 protein_cc	chr6	1.22E+08	1.22E+08	+	3037	1675.501	0	-0.7624	0.2338	-3.26091	0.001524	0.009717	1
ENSG0000 response	Inflamed	RP11-343 antisense	chr1	2.07E+08	2.07E+08	-	358	0.828162	0.794749	-0.28584	0.087669	-3.2604	0.001526	0.009731	1
ENSG0000 response	Inflamed	MMRN1 protein_cc	chr4	90800683	90875780	+	5510	329.4463	0.002387	-1.04022	0.319162	-3.25923	0.001532	0.009765	1
ENSG0000 response	Inflamed	AC083884 processed_chr7		74103273	74143339	-	2851	3.109785	0.694511	-0.67132	0.205998	-3.25888	0.001533	0.009771	1
ENSG0000 response	Inflamed	RP11-123J pseudoger	chr4	77807182	77807523	-	342	3.71599	0.372315	0.485149	0.14887	3.258873	0.001533	0.009771	1
ENSG0000 response	Inflamed	TMEM53 protein_cc	chr1	45100910	45140227	-	3635	786.6468	0	0.357223	0.10962	3.258744	0.001534	0.009773	1
ENSG0000 response	Inflamed	RP11-286E antisense	chr4	1.09E+08	1.09E+08	-	3099	5.949881	0.205251	0.491775	0.150915	3.258626	0.001535	0.009774	1
ENSG0000 response	Inflamed	IGHVII-60- IG_V_pseu	chr14	1.07E+08	1.07E+08	-	256	1.558473	0.618138	-0.42927	0.131749	-3.25821	0.001537	0.009784	1
ENSG0000 response	Inflamed	ESR2 protein_cc	chr14	64550950	64804830	-	9337	108.926	0.004773	-0.62382	0.191471	-3.25805	0.001537	0.009787	1
ENSG0000 response	Inflamed	NTN4 protein_cc	chr12	96051583	96184930	-	4166	713.8401	0	0.496894	0.152521	3.257877	0.001538	0.00979	1
ENSG0000 response	Inflamed	SLC34A1 protein_cc	chr5	1.77E+08	1.77E+08	+	4529	2.622912	0.439141	-0.51206	0.157182	-3.25774	0.001539	0.009792	1
ENSG0000 response	Inflamed	FAM115C protein_cc	chr7	1.43E+08	1.43E+08	+	6466	194.9332	0.002387	-0.48424	0.148656	-3.25745	0.00154	0.009799	1
ENSG0000 response	Inflamed	HNRNPA1f pseudoger	chr3	39376470	39377430	+	961	16.9642	0.150358	-0.76631	0.235265	-3.25722	0.001542	0.009804	1
ENSG0000 response	Inflamed	ADARB1 protein_cc	chr21	46493768	46646478	+	10015	913.7446	0	-0.51727	0.158813	-3.25713	0.001542	0.009804	1
ENSG0000 response	Inflamed	FFAR4 protein_cc	chr10	95326422	95364237	+	4060	2266.387	0	0.868509	0.266718	3.256287	0.001546	0.009827	1
ENSG0000 response	Inflamed	TUBAL3 protein_cc	chr10	5435061	5446793	-	1798	641.8854	0.004773	0.947387	0.29095	3.256182	0.001547	0.009827	1
ENSG0000 response	Inflamed	CD22 protein_cc	chr19	35810164	35838258	+	5839	1455.737	0	-1.03394	0.317534	-3.25615	0.001547	0.009827	1
ENSG0000 response	Inflamed	RBBP8NL protein_cc	chr20	60985293	61002589	-	2793	246.6014	0.009547	0.798042	0.24511	3.25586	0.001548	0.009834	1
ENSG0000 response	Inflamed	RP11-148C antisense	chr8	11413760	11415531	-	544	2.073986	0.670644	-0.47106	0.144699	-3.25547	0.00155	0.009844	1
ENSG0000 response	Inflamed	MEF2C-AS antisense	chr5	88179145	88762215	+	5807	15.13842	0.02148	-0.51852	0.159322	-3.25457	0.001555	0.009866	1
ENSG0000 response	Inflamed	SKIDA1 protein_cc	chr10	21802407	21814611	-	6622	13.49642	0.033413	-0.60281	0.18522	-3.25455	0.001555	0.009866	1
ENSG0000 response	Inflamed	KCNE4 protein_cc	chr2	2.24E+08	2.24E+08	+	4124	142.0024	0.002387	-0.57555	0.17685	-3.25447	0.001555	0.009866	1
ENSG0000 response	Inflamed	MIR3125 miRNA	chr2	12877493	12877570	+	78	1.045346	0.735084	-0.40648	0.124898	-3.25445	0.001555	0.009866	1
ENSG0000 response	Inflamed	FCGRT protein_cc	chr19	50010073	50029590	+	4173	10647.51	0	0.348524	0.107099	3.254221	0.001556	0.009871	1
ENSG0000 response	Inflamed	CITF22-92 lincRNA	chr22	46409486	46411378	+	1207	47.40095	0	0.31302	0.096193	3.254077	0.001557	0.009873	1
ENSG0000 response	Inflamed	RP11-22L1 lincRNA	chr1	3223200	3226660	-	3461	30	0.026253	0.641894	0.197272	3.253844	0.001558	0.009878	1
ENSG0000 response	Inflamed	FBXO25 protein_cc	chr8	356428	421225	+	4004	662.642	0	0.320801	0.098601	3.25351	0.00156	0.009886	1
ENSG0000 response	Inflamed	RP4-555D lincRNA	chr3	44039573	44040641	-	1069	0.98568	0.763723	-0.39382	0.121051	-3.25332	0.001561	0.009889	1
ENSG0000 response	Inflamed	RP11-84C1 antisense	chr14	21463996	21467322	-	1398	12.20048	0.360382	0.682702	0.209851	3.253278	0.001561	0.009889	1
ENSG0000 response	Inflamed	AC098614 pseudoger	chr3	27674467	27675211	+	745	38.10979	0.002387	-0.38201	0.117427	-3.25317	0.001562	0.00989	1
ENSG0000 response	Inflamed	GNAL protein_cc	chr18	11688955	11885684	+	8445	277.5012	0	-0.55581	0.170862	-3.25298	0.001562	0.009893	1
ENSG0000 response	Inflamed	TDRD5 protein_cc	chr1	1.8E+08	1.8E+08	+	4032	41.13365	0.040573	0.809271	0.248838	3.2522	0.001566	0.009916	1

ENSG0000 response	Inflamed	TMEM91	protein_cc chr19	41856816	41889988	+	2796	116.0477	0	-0.3902	0.119987	-3.25203	0.001567	0.009918	1
ENSG0000 response	Inflamed	RP11-134L	antisense chr7	1.35E+08	1.35E+08	+	1145	132.0024	0	-0.49354	0.151766	-3.25196	0.001568	0.009918	1
ENSG0000 response	Inflamed	TMEM107	protein_cc chr17	8076555	8079717	-	3163	226.2148	0	-0.27048	0.083184	-3.25163	0.001569	0.009926	1
ENSG0000 response	Inflamed	RNF113A	protein_cc chrX	1.19E+08	1.19E+08	-	1295	417.8711	0	-0.23702	0.072894	-3.25157	0.00157	0.009926	1
ENSG0000 response	Inflamed	NMNAT3	protein_cc chr3	1.39E+08	1.39E+08	-	3451	138.5227	0	0.443586	0.136433	3.251314	0.001571	0.009932	1
ENSG0000 response	Inflamed	VKORC1	protein_cc chr16	31102163	31107301	-	2191	328.3031	0	-0.36103	0.111059	-3.25077	0.001573	0.009946	1
ENSG0000 response	Inflamed	LINC00483	processed_chr17	48838390	48844918	-	3663	838.0764	0.00716	0.932209	0.286804	3.250335	0.001576	0.009958	1
ENSG0000 response	Inflamed	RALGPS1	protein_cc chr9	1.3E+08	1.3E+08	+	10507	1377.26	0	0.471581	0.145107	3.249892	0.001578	0.009969	1
ENSG0000 response	Inflamed	SPPL2B	processed_chr19	2328614	2355099	+	7096	4274.936	0	0.369181	0.1136	3.249841	0.001578	0.009969	1
ENSG0000 response	Inflamed	PARS2	protein_cc chr1	55222571	55230187	-	2347	338.9356	0	0.254701	0.078379	3.249581	0.001579	0.009974	1
ENSG0000 response	Inflamed	USH1C	protein_cc chr11	17515442	17565963	-	4187	5292.396	0	0.713752	0.219669	3.249223	0.001581	0.009983	1
ENSG0000 response	Inflamed	HCFC1-AS1	antisense chrX	1.53E+08	1.53E+08	+	350	1.405728	0.663484	-0.43875	0.135069	-3.24831	0.001586	0.01001	1
ENSG0000 response	Inflamed	COL2A1	protein_cc chr12	48366748	48398269	-	6596	50.25537	0.038186	1.00859	0.31055	3.247748	0.001589	0.010025	1
ENSG0000 response	Inflamed	RP11-34P1	lincRNA chr1	89295	133566	-	3569	3.651551	0.415274	-0.59384	0.18285	-3.24767	0.001589	0.010025	1
ENSG0000 response	Inflamed	PDIA4	protein_cc chr7	1.49E+08	1.49E+08	-	3277	15493.18	0	-0.32303	0.09947	-3.24754	0.00159	0.010027	1
ENSG0000 response	Inflamed	TRBV6-8	TR_V_gene chr7	1.42E+08	1.42E+08	-	341	2.374702	0.505967	-0.45742	0.140857	-3.24742	0.00159	0.010028	1
ENSG0000 response	Inflamed	DIO2	protein_cc chr14	80663873	80854100	-	7500	273.506	0.002387	-1.12385	0.346128	-3.24692	0.001593	0.010042	1
ENSG0000 response	Inflamed	C11orf96	protein_cc chr11	43946892	43965888	+	2373	1433.484	0	-0.75328	0.232017	-3.24667	0.001594	0.010048	1
ENSG0000 response	Inflamed	MMP15	protein_cc chr16	58059470	58080805	+	4419	9503.897	0	0.4859	0.149673	3.246413	0.001595	0.010053	1
ENSG0000 response	Inflamed	RP11-434L	antisense chr3	1.29E+08	1.29E+08	+	565	12.1432	0.02864	-0.45629	0.140592	-3.24548	0.0016	0.010081	1
ENSG0000 response	Inflamed	RNF157	protein_cc chr17	74138534	74236454	-	7802	1220.036	0	0.506601	0.156103	3.245292	0.001601	0.010084	1
ENSG0000 response	Inflamed	RP11-74E2	pseudoger chr17	2627714	2652714	-	792	1.410501	0.668258	0.337412	0.103975	3.245122	0.001602	0.010087	1
ENSG0000 response	Inflamed	PIM1	protein_cc chr6	37137979	37143202	+	2977	2560.971	0	-0.40078	0.123513	-3.24482	0.001603	0.010095	1
ENSG0000 response	Inflamed	SDC2	protein_cc chr8	97505579	97624000	+	4528	1075.368	0	-0.50456	0.155513	-3.24447	0.001605	0.010103	1
ENSG0000 response	Inflamed	GS1-44D2	(pseudoger chr8	70041833	70042580	+	748	12.53222	0.040573	-0.45668	0.14079	-3.24368	0.001609	0.010126	1
ENSG0000 response	Inflamed	RP11-576L	lincRNA chr1	2.05E+08	2.05E+08	+	2885	1.183771	0.711217	-0.36576	0.112764	-3.24361	0.00161	0.010126	1
ENSG0000 response	Inflamed	FAM47DP	pseudoger chrX	37400330	37404515	-	3290	1.551313	0.684964	0.335774	0.103527	3.243339	0.001611	0.01013	1
ENSG0000 response	Inflamed	PRKD2	protein_cc chr19	47177532	47220384	-	5446	3518.635	0	-0.28538	0.087993	-3.24327	0.001611	0.01013	1
ENSG0000 response	Inflamed	IGHM	IG_C_gene chr14	1.06E+08	1.06E+08	-	1461	103637.3	0	-0.92958	0.286618	-3.24326	0.001611	0.01013	1
ENSG0000 response	Inflamed	RCS1	protein_cc chr1	1.68E+08	1.68E+08	+	5718	1476.387	0	-0.48762	0.150355	-3.24312	0.001612	0.010132	1
ENSG0000 response	Inflamed	FLT1	protein_cc chr13	28874489	29069265	-	8072	880.0358	0	-0.6501	0.200472	-3.24286	0.001613	0.010138	1
ENSG0000 response	Inflamed	KDR	protein_cc chr4	55944644	55991756	-	6259	1277.241	0	-0.76389	0.235603	-3.24225	0.001617	0.010155	1
ENSG0000 response	Inflamed	LMOD3	protein_cc chr3	69156023	69172183	-	4276	3.434368	0.408115	-0.4933	0.15215	-3.24219	0.001617	0.010155	1
ENSG0000 response	Inflamed	TSC22D3	protein_cc chrX	1.07E+08	1.07E+08	-	4766	2179.177	0	-0.63046	0.194474	-3.24187	0.001619	0.010163	1
ENSG0000 response	Inflamed	NCR1	protein_cc chr19	55417508	55427508	+	1893	13.78282	0.045346	-0.5228	0.161279	-3.24157	0.00162	0.01017	1
ENSG0000 response	Inflamed	DMRT2	protein_cc chr9	1050354	1057552	+	2925	96.79475	0.02864	0.970508	0.299423	3.241261	0.001622	0.010175	1
ENSG0000 response	Inflamed	RP11-1007	lincRNA chr15	72700119	72767509	-	2713	54.05728	0.004773	0.299753	0.092481	3.241255	0.001622	0.010175	1
ENSG0000 response	Inflamed	CCDC85B	protein_cc chr11	65657875	65659105	+	1231	642.821	0	-0.45386	0.140043	-3.24084	0.001624	0.010186	1
ENSG0000 response	Inflamed	PLCL1	protein_cc chr2	1.99E+08	1.99E+08	+	7925	92.6611	0.00716	-0.57364	0.177019	-3.24058	0.001625	0.010192	1
ENSG0000 response	Inflamed	ITGA7	protein_cc chr12	56078352	56109827	-	6377	683.3031	0	-0.65895	0.203348	-3.24052	0.001625	0.010192	1

ENSG0000 response	Inflamed	AVPI1	protein_cc chr10	99437181	99447080	-	1457	899.8162	0	0.373786	0.115351	3.240413	0.001626	0.010193	1
ENSG0000 response	Inflamed	VANGL2	protein_cc chr1	1.6E+08	1.6E+08	+	5340	763.4081	0.002387	0.661972	0.2043	3.240197	0.001627	0.010197	1
ENSG0000 response	Inflamed	KHDC1	protein_cc chr6	73951037	74020088	-	3319	34.6969	0.002387	-0.40941	0.126355	-3.24012	0.001628	0.010197	1
ENSG0000 response	Inflamed	MAMDC2-	antisense chr9	72700732	72790804	-	7244	12.03103	0.071599	0.615749	0.190052	3.239893	0.001629	0.010202	1
ENSG0000 response	Inflamed	SH2D3A	protein_cc chr19	6752171	6767599	-	5716	1579.1	0	0.368325	0.113692	3.239681	0.00163	0.010207	1
ENSG0000 response	Inflamed	GSG2	protein_cc chr17	3627211	3630067	+	2857	144.7494	0.00716	-0.53802	0.16608	-3.23955	0.00163	0.010208	1
ENSG0000 response	Inflamed	RDX	protein_cc chr11	1.1E+08	1.1E+08	-	6588	620.0024	0	-0.6935	0.214189	-3.23778	0.00164	0.010263	1
ENSG0000 response	Inflamed	IGLV10-54	IG_V_gene chr22	22569184	22569660	+	365	2372.797	0.00716	-1.02703	0.317286	-3.23692	0.001644	0.010287	1
ENSG0000 response	Inflamed	RP13-152C	antisense chr20	62688156	62688437	+	188	3.305489	0.329356	-0.51225	0.158253	-3.23691	0.001644	0.010287	1
ENSG0000 response	Inflamed	RP4-673M	antisense chr7	44924552	44925992	+	1441	16.08592	0.009547	-0.36459	0.112648	-3.23651	0.001646	0.010297	1
ENSG0000 response	Inflamed	CDHR5	protein_cc chr11	616565	626078	-	3873	19070.65	0	0.85892	0.265471	3.235455	0.001652	0.010329	1
ENSG0000 response	Inflamed	ATP9A	protein_cc chr20	50213053	50385173	-	8317	5574.496	0	0.51802	0.160135	3.234901	0.001655	0.010341	1
ENSG0000 response	Inflamed	AC000078	pseudoger chr22	19874812	19875493	+	682	1.174224	0.727924	-0.36481	0.112774	-3.23487	0.001655	0.010341	1
ENSG0000 response	Inflamed	SIRT5	protein_cc chr6	13574816	13614790	+	5368	582.6468	0	0.322305	0.099635	3.234873	0.001655	0.010341	1
ENSG0000 response	Inflamed	MARVELD3	protein_cc chr16	71660064	71676017	+	6446	2650.506	0	0.739175	0.228602	3.233466	0.001662	0.010385	1
ENSG0000 response	Inflamed	APOH	protein_cc chr17	64208151	64252643	-	1332	3.856802	0.451074	0.57195	0.17689	3.233372	0.001663	0.010385	1
ENSG0000 response	Inflamed	COQ3	protein_cc chr6	99817276	99842080	-	1458	191.8043	0	0.407304	0.125977	3.233163	0.001664	0.01039	1
ENSG0000 response	Inflamed	AK8	protein_cc chr9	1.36E+08	1.36E+08	-	2731	19.12411	0.00716	-0.52605	0.162717	-3.2329	0.001665	0.010396	1
ENSG0000 response	Inflamed	CCR10	protein_cc chr17	40830907	40835935	-	2619	151.8258	0	-0.68749	0.212703	-3.23217	0.001669	0.010417	1
ENSG0000 response	Inflamed	MME	protein_cc chr3	1.55E+08	1.55E+08	+	9566	520.5274	0.002387	-1.03735	0.321043	-3.2312	0.001674	0.010447	1
ENSG0000 response	Inflamed	CEACAM15	protein_cc chr19	45165545	45187631	+	5202	281.3055	0.004773	0.645632	0.199837	3.230795	0.001676	0.010458	1
ENSG0000 response	Inflamed	DCLK3	protein_cc chr3	36753913	36781352	-	5406	35.60621	0.02864	-0.64731	0.200367	-3.23061	0.001677	0.010461	1
ENSG0000 response	Inflamed	RAI14	protein_cc chr5	34656342	34832732	+	7702	1007.647	0	-0.64761	0.200473	-3.23043	0.001678	0.010465	1
ENSG0000 response	Inflamed	HYKK	protein_cc chr15	78799906	78829714	+	2732	75.3747	0	0.324505	0.100464	3.230059	0.00168	0.010474	1
ENSG0000 response	Inflamed	SLC45A2	protein_cc chr5	33944721	33984835	-	3269	12.43437	0.329356	0.783439	0.242551	3.229998	0.00168	0.010474	1
ENSG0000 response	Inflamed	RP11-475C	lincRNA chr1	84041459	84326706	-	5425	3.252983	0.295943	0.42292	0.130967	3.229223	0.001685	0.010497	1
ENSG0000 response	Inflamed	TRGC1	TR_C_gene chr7	38297480	38305279	-	2730	50.76372	0.004773	-0.60996	0.188914	-3.2288	0.001687	0.010509	1
ENSG0000 response	Inflamed	PDXP	protein_cc chr22	38054734	38062941	+	2203	101.6683	0	0.428716	0.132798	3.228322	0.001689	0.010522	1
ENSG0000 response	Inflamed	CTD-2357	lincRNA chr17	76613471	76628139	-	1271	4.620525	0.291169	-0.51321	0.159001	-3.22773	0.001693	0.01054	1
ENSG0000 response	Inflamed	TM4SF18	protein_cc chr3	1.49E+08	1.49E+08	-	4482	149.8902	0.002387	-0.62679	0.194198	-3.22758	0.001693	0.010542	1
ENSG0000 response	Inflamed	NETO2	protein_cc chr16	47111614	47177908	-	7481	554.926	0	-0.5966	0.184848	-3.22749	0.001694	0.010542	1
ENSG0000 response	Inflamed	JUN	protein_cc chr1	59246465	59249785	-	3321	5560.384	0	0.463931	0.143752	3.227295	0.001695	0.010546	1
ENSG0000 response	Inflamed	MEP1A	protein_cc chr6	46761127	46807515	+	2892	6999.162	0	1.000414	0.309995	3.227194	0.001695	0.010547	1
ENSG0000 response	Inflamed	CELF3	protein_cc chr1	1.52E+08	1.52E+08	-	4439	58.50119	0.033413	0.835931	0.25905	3.226908	0.001697	0.010554	1
ENSG0000 response	Inflamed	B9D1	protein_cc chr17	19240867	19281495	-	3522	216.6563	0	-0.41448	0.128459	-3.22656	0.001699	0.010563	1
ENSG0000 response	Inflamed	MTMR14	protein_cc chr3	9691117	9744077	+	6019	1921.73	0	-0.1339	0.041503	-3.22621	0.001701	0.010573	1
ENSG0000 response	Inflamed	SNX7	protein_cc chr1	99127236	99226056	+	2088	960.58	0	0.329773	0.10225	3.225158	0.001706	0.010605	1
ENSG0000 response	Inflamed	SLC35D1	protein_cc chr1	67465015	67519782	-	7154	4387.673	0	0.617482	0.191464	3.225065	0.001707	0.010606	1
ENSG0000 response	Inflamed	HLA-DMB	protein_cc chr6	32902406	32908847	-	4655	2439.411	0	-0.43969	0.13634	-3.22494	0.001708	0.010608	1
ENSG0000 response	Inflamed	IL36RN	protein_cc chr2	1.14E+08	1.14E+08	+	3299	5.300716	0.577566	-0.82149	0.25475	-3.22468	0.001709	0.010614	1

ENSG0000 response	Inflamed	TSPAN33	protein_cc chr7	1.29E+08	1.29E+08	+	2496	893.1551	0	-0.34842	0.108064	-3.22419	0.001712	0.010628	1
ENSG0000 response	Inflamed	CTC-303L1	pseudoger chr5	93928473	93930496	+	2024	1.455847	0.670644	0.428966	0.133053	3.22403	0.001712	0.010631	1
ENSG0000 response	Inflamed	STARD3	protein_cc chr17	37793318	37819737	+	5160	1821.012	0	-0.20934	0.064941	-3.22358	0.001715	0.010643	1
ENSG0000 response	Inflamed	TBXA2R	protein_cc chr19	3594504	3606838	-	2793	112.7279	0.00716	-0.6817	0.211492	-3.22329	0.001716	0.01065	1
ENSG0000 response	Inflamed	UGT2B15	protein_cc chr4	69512348	69536346	-	2077	922.7518	0.02148	1.160524	0.3601	3.222781	0.001719	0.010665	1
ENSG0000 response	Inflamed	RP11-543I	lincRNA chr1	48154135	48169055	+	815	2.062053	0.568019	0.51346	0.159342	3.222385	0.001721	0.010675	1
ENSG0000 response	Inflamed	LINC00085	processed_chr19	52196593	52215640	+	3648	56.49881	0	-0.55408	0.171951	-3.22233	0.001722	0.010675	1
ENSG0000 response	Inflamed	C8orf31	protein_cc chr8	1.44E+08	1.44E+08	+	2929	23.56086	0.01432	-0.58617	0.181929	-3.22199	0.001724	0.010684	1
ENSG0000 response	Inflamed	ATP6V1E2	protein_cc chr2	46717889	46769696	-	5283	104.568	0	-0.32111	0.099681	-3.22136	0.001727	0.010703	1
ENSG0000 response	Inflamed	AP000438	antisense chr11	62677018	62685833	+	749	3.398568	0.312649	0.463932	0.144023	3.22123	0.001728	0.010705	1
ENSG0000 response	Inflamed	EMCN	protein_cc chr4	1.01E+08	1.02E+08	-	5243	183.4511	0	-0.60744	0.188662	-3.21974	0.001736	0.010752	1
ENSG0000 response	Inflamed	BTNL8	protein_cc chr5	1.8E+08	1.8E+08	+	3924	1857.098	0	0.749476	0.232851	3.218691	0.001742	0.010786	1
ENSG0000 response	Inflamed	KRT72	protein_cc chr12	52979373	52995322	-	2154	8.694511	0.315036	-0.6867	0.213355	-3.21858	0.001742	0.010787	1
ENSG0000 response	Inflamed	SMIM6	protein_cc chr17	73642323	73644057	+	1086	208.7208	0.004773	0.683669	0.212457	3.217915	0.001746	0.010807	1
ENSG0000 response	Inflamed	KBTD11-1	lincRNA chr8	1919563	1924644	+	815	46.86874	0.011933	0.613669	0.190736	3.217381	0.001749	0.010823	1
ENSG0000 response	Inflamed	AC006538	sense_intr chr19	2727741	2729325	-	1585	10.25537	0.038186	-0.45518	0.141501	-3.2168	0.001752	0.010838	1
ENSG0000 response	Inflamed	KCNV1	protein_cc chr8	1.11E+08	1.11E+08	-	6979	58.43675	0.116945	0.963137	0.299409	3.216799	0.001752	0.010838	1
ENSG0000 response	Inflamed	OBP2A	protein_cc chr9	1.38E+08	1.38E+08	+	1018	3.47494	0.687351	-0.58905	0.18314	-3.21638	0.001754	0.010849	1
ENSG0000 response	Inflamed	HADH	protein_cc chr4	1.09E+08	1.09E+08	+	3084	3681.974	0	0.410657	0.127686	3.216139	0.001756	0.010855	1
ENSG0000 response	Inflamed	CLIC2	protein_cc chrX	1.55E+08	1.55E+08	-	2840	351.8401	0	-0.51172	0.159116	-3.21604	0.001756	0.010856	1
ENSG0000 response	Inflamed	CCDC24	protein_cc chr1	44457031	44462200	+	3554	427.8377	0	0.324675	0.10096	3.215888	0.001757	0.010858	1
ENSG0000 response	Inflamed	RASSF4	protein_cc chr10	45454855	45491339	+	9481	2002.878	0	-0.37414	0.116348	-3.21572	0.001758	0.010862	1
ENSG0000 response	Inflamed	FAM86C2F	pseudoger chr11	67559119	67572807	-	3402	130.9857	0	0.31456	0.097847	3.214821	0.001763	0.01089	1
ENSG0000 response	Inflamed	SERPINA7	protein_cc chrX	1.05E+08	1.05E+08	-	1980	1.038186	0.794749	0.29515	0.091823	3.214345	0.001766	0.010903	1
ENSG0000 response	Inflamed	CEP170B	protein_cc chr14	1.05E+08	1.05E+08	+	7199	10010.15	0	0.473422	0.147286	3.214297	0.001766	0.010903	1
ENSG0000 response	Inflamed	AC126365	pseudoger chr17	20619794	20640440	+	1500	1.945107	0.572792	-0.48069	0.149555	-3.21411	0.001767	0.010907	1
ENSG0000 response	Inflamed	DIAPH2-AS	antisense chrX	96686285	96897588	-	2309	2.429594	0.5179	-0.52248	0.162565	-3.21396	0.001768	0.010908	1
ENSG0000 response	Inflamed	STEAP1	protein_cc chr7	89783689	89794143	+	1625	501.1742	0	-0.48833	0.151943	-3.21393	0.001768	0.010908	1
ENSG0000 response	Inflamed	RP11-451M	protein_cc chr10	1.12E+08	1.12E+08	-	1663	15.21718	0.019093	0.541295	0.168434	3.213701	0.001769	0.010913	1
ENSG0000 response	Inflamed	PRPF31	protein_cc chr19	54618837	54635140	+	2616	1598.033	0	-0.20743	0.064556	-3.21315	0.001772	0.010929	1
ENSG0000 response	Inflamed	RP11-416C	lincRNA chr3	1.82E+08	1.82E+08	+	12085	1.613365	0.682578	-0.50616	0.157534	-3.213	0.001773	0.010929	1
ENSG0000 response	Inflamed	GPR55	protein_cc chr2	2.32E+08	2.32E+08	-	4130	194.2959	0.002387	-0.56729	0.176561	-3.213	0.001773	0.010929	1
ENSG0000 response	Inflamed	TPM1	protein_cc chr15	63334831	63364114	+	8468	9524.317	0	0.318212	0.099059	3.21236	0.001777	0.010949	1
ENSG0000 response	Inflamed	FOXD4L1	protein_cc chr2	1.14E+08	1.14E+08	+	2068	4.725537	0.27685	-0.51346	0.159866	-3.21182	0.00178	0.010965	1
ENSG0000 response	Inflamed	CREM	protein_cc chr10	35415719	35501886	+	5695	376.0979	0	-0.38376	0.119501	-3.21131	0.001783	0.010977	1
ENSG0000 response	Inflamed	SAMD11	protein_cc chr1	860260	879955	+	3205	499.1146	0	-0.46571	0.145023	-3.21131	0.001783	0.010977	1
ENSG0000 response	Inflamed	FAM71E1	protein_cc chr19	50970042	50980010	-	1566	47.27446	0	0.352469	0.109761	3.211239	0.001783	0.010977	1
ENSG0000 response	Inflamed	TLL1	protein_cc chr4	1.67E+08	1.67E+08	+	7522	72.87112	0.02148	-0.71344	0.222178	-3.21112	0.001784	0.010979	1
ENSG0000 response	Inflamed	SLC17A4	protein_cc chr6	25754927	25781419	+	4633	1489.36	0.00716	1.201654	0.374259	3.210754	0.001786	0.010989	1
ENSG0000 response	Inflamed	UNC5A	protein_cc chr5	1.76E+08	1.76E+08	+	4357	14.66826	0.121718	-0.85141	0.265195	-3.2105	0.001787	0.010993	1

ENSG0000 response	Inflamed	RNF149	protein_cc chr2	1.02E+08	1.02E+08	-	4836	2637.313	0	-0.43241	0.134686	-3.2105	0.001787	0.010993	1
ENSG0000 response	Inflamed	FBXO27	protein_cc chr19	39481354	39523425	-	2833	40.36754	0.00716	-0.46142	0.143733	-3.21027	0.001788	0.010998	1
ENSG0000 response	Inflamed	TPSAB1	protein_cc chr16	1290697	1292555	+	1512	3118.747	0	-0.60217	0.187597	-3.20992	0.00179	0.011008	1
ENSG0000 response	Inflamed	GAMT	protein_cc chr19	1397091	1401569	-	1739	122.4797	0	-0.56969	0.177486	-3.20977	0.001791	0.011008	1
ENSG0000 response	Inflamed	PLK3	protein_cc chr1	45265897	45271662	+	3479	633.6253	0	-0.47503	0.147997	-3.20971	0.001792	0.011008	1
ENSG0000 response	Inflamed	MIR429	miRNA chr1	1104385	1104467	+	83	49.8401	0.026253	0.711916	0.221802	3.209692	0.001792	0.011008	1
ENSG0000 response	Inflamed	RP11-18H7	lincRNA chr4	1.53E+08	1.53E+08	-	787	1.756563	0.572792	-0.42434	0.132235	-3.20895	0.001796	0.011031	1
ENSG0000 response	Inflamed	RP11-428C	lincRNA chr12	32030013	32040137	-	852	10.08592	0.26969	-0.76675	0.238963	-3.20866	0.001797	0.011038	1
ENSG0000 response	Inflamed	RP3-510D	lincRNA chr1	9242263	9252148	+	985	13.65632	0.038186	-0.49431	0.15406	-3.20856	0.001798	0.011039	1
ENSG0000 response	Inflamed	TSC22D1	protein_cc chr13	45007655	45151283	-	7159	9495.809	0	0.362488	0.112996	3.207965	0.001801	0.011057	1
ENSG0000 response	Inflamed	LIN37	protein_cc chr19	36239262	36245420	+	2820	209.9499	0	-0.19596	0.061093	-3.20756	0.001804	0.011069	1
ENSG0000 response	Inflamed	DNAJA4	protein_cc chr15	78556428	78574538	+	6591	2328.413	0	0.387005	0.120678	3.206933	0.001807	0.011088	1
ENSG0000 response	Inflamed	LEPREL2	polymorph chr12	6937572	6949018	+	4606	636.1885	0	-0.51209	0.159702	-3.20654	0.00181	0.011099	1
ENSG0000 response	Inflamed	BFSP1	protein_cc chr20	17474550	17549865	-	3361	28.84248	0.002387	-0.42704	0.133188	-3.20633	0.001811	0.011104	1
ENSG0000 response	Inflamed	RP11-187C	lincRNA chr14	76961706	77193055	-	632	3.190931	0.369928	-0.45794	0.142854	-3.20567	0.001814	0.011123	1
ENSG0000 response	Inflamed	NUDT10	protein_cc chrX	51075083	51080377	+	2054	16.71599	0.026253	-0.57149	0.178276	-3.20562	0.001815	0.011123	1
ENSG0000 response	Inflamed	CHGA	protein_cc chr14	93389425	93401638	+	3102	11464.99	0	1.23016	0.383758	3.20556	0.001815	0.011123	1
ENSG0000 response	Inflamed	CTD-2377C	(antisense) chr5	74161718	74163679	+	1962	3.331742	0.291169	0.453823	0.141596	3.205062	0.001818	0.011138	1
ENSG0000 response	Inflamed	C14orf93	protein_cc chr14	23456110	23479375	-	3250	394.957	0	0.210408	0.065653	3.204858	0.001819	0.011143	1
ENSG0000 response	Inflamed	SOBP	protein_cc chr6	1.08E+08	1.08E+08	+	5774	210.8496	0.002387	-0.55093	0.171932	-3.20437	0.001822	0.011157	1
ENSG0000 response	Inflamed	DDAH2	protein_cc chr6	31694815	31698394	-	2538	2143.811	0	0.281476	0.087853	3.203957	0.001824	0.011167	1
ENSG0000 response	Inflamed	RP11-122A	protein_cc chr8	91970865	91997485	-	894	27.60859	0.004773	-0.48404	0.151078	-3.20394	0.001824	0.011167	1
ENSG0000 response	Inflamed	KCNA2	protein_cc chr1	1.11E+08	1.11E+08	-	4013	67.358	0.02148	-0.77922	0.243218	-3.2038	0.001825	0.011169	1
ENSG0000 response	Inflamed	RRM2	protein_cc chr2	10262455	10271545	+	4954	2046.955	0	-0.45515	0.142123	-3.2025	0.001833	0.011212	1
ENSG0000 response	Inflamed	U47924.25	antisense chr12	7074112	7074545	+	434	4.699284	0.212411	0.455582	0.142271	3.20221	0.001834	0.01122	1
ENSG0000 response	Inflamed	CARD6	protein_cc chr5	40841286	40860275	+	4397	428.4988	0	-0.59205	0.184893	-3.20214	0.001835	0.01122	1
ENSG0000 response	Inflamed	NTRK3	protein_cc chr15	88418230	88799999	-	9078	64.02864	0.02148	1.006725	0.314419	3.201858	0.001836	0.011227	1
ENSG0000 response	Inflamed	MIF	protein_cc chr22	24236191	24237414	+	1109	2893.979	0	-0.38828	0.121271	-3.20179	0.001837	0.011227	1
ENSG0000 response	Inflamed	ANKRD44	protein_cc chr2	1.98E+08	1.98E+08	-	9228	352.821	0.002387	-0.68307	0.213355	-3.20156	0.001838	0.011232	1
ENSG0000 response	Inflamed	PEX26	protein_cc chr22	18560689	18613905	+	20042	7426.169	0	0.42495	0.132771	3.200628	0.001843	0.011263	1
ENSG0000 response	Inflamed	NAP1L1	protein_cc chr12	76438670	76478813	-	9052	4185.203	0	-0.42895	0.134039	-3.20014	0.001846	0.011276	1
ENSG0000 response	Inflamed	EXTL3	protein_cc chr8	28457986	28613116	+	13220	2091.907	0	-0.34132	0.10666	-3.20005	0.001847	0.011276	1
ENSG0000 response	Inflamed	CTD-2540L	lincRNA chr14	71075515	71108015	-	2941	3.24105	0.484487	-0.56317	0.175991	-3.20002	0.001847	0.011276	1
ENSG0000 response	Inflamed	LOR	protein_cc chr1	1.53E+08	1.53E+08	+	1230	1.670644	0.646778	-0.43039	0.134513	-3.1996	0.001849	0.011289	1
ENSG0000 response	Inflamed	CXCR4	protein_cc chr2	1.37E+08	1.37E+08	-	2224	1297.604	0	-0.66457	0.207739	-3.19909	0.001852	0.011304	1
ENSG0000 response	Inflamed	RP11-610F	lincRNA chr4	1.52E+08	1.52E+08	-	358	13.20286	0.083532	0.60072	0.187808	3.198582	0.001855	0.01132	1
ENSG0000 response	Inflamed	EMILIN1	protein_cc chr2	27301435	27309271	+	3953	7749.062	0	-0.54721	0.171083	-3.19849	0.001856	0.01132	1
ENSG0000 response	Inflamed	RER1	protein_cc chr1	2323267	2336883	+	5638	6658.883	0	0.130586	0.04083	3.198323	0.001857	0.011324	1
ENSG0000 response	Inflamed	ABCB6	protein_cc chr2	2.2E+08	2.2E+08	-	5205	178.7685	0	-0.31906	0.099767	-3.19803	0.001859	0.011331	1
ENSG0000 response	Inflamed	RP11-10N	lincRNA chr1	24526730	24538183	+	1849	10.3031	0.181384	0.750053	0.234546	3.197894	0.001859	0.011334	1

ENSG0000 response	Inflamed	TDP2	protein_cc chr6	24650205	24667261	-	3082	4682.282	0	0.55626	0.173987	3.19713	0.001864	0.011358	1
ENSG0000 response	Inflamed	NR112	protein_cc chr3	1.19E+08	1.2E+08	+	5381	1904.076	0.002387	0.835736	0.261466	3.196349	0.001868	0.011383	1
ENSG0000 response	Inflamed	MIOX	protein_cc chr22	50925213	50929077	+	1796	5.892601	0.221957	-0.5688	0.178032	-3.19494	0.001877	0.011431	1
ENSG0000 response	Inflamed	AL122127.	miRNA chr14	1.06E+08	1.06E+08	-	60	10.20048	0.193317	-0.76434	0.239309	-3.19394	0.001883	0.011465	1
ENSG0000 response	Inflamed	APOL3	protein_cc chr22	36536372	36562225	-	5990	1488.265	0	-0.51957	0.162687	-3.19365	0.001884	0.011472	1
ENSG0000 response	Inflamed	BDNF	protein_cc chr11	27676440	27743605	-	7740	35.54654	0.033413	-0.79509	0.24902	-3.19288	0.001889	0.011497	1
ENSG0000 response	Inflamed	MYO3B	protein_cc chr2	1.71E+08	1.72E+08	+	8236	19.01671	0.066826	-0.65862	0.206282	-3.1928	0.001889	0.011497	1
ENSG0000 response	Inflamed	CTD-2353F	antisense chr5	36666316	36725297	-	1159	11.15513	0.081146	-0.52136	0.163297	-3.1927	0.00189	0.011498	1
ENSG0000 response	Inflamed	TNFAIP1	protein_cc chr17	26662628	26674035	+	3889	2595.57	0	-0.26248	0.08224	-3.19163	0.001896	0.011534	1
ENSG0000 response	Inflamed	AXIN2	protein_cc chr17	63524681	63557765	-	5196	1191.542	0	0.581106	0.182079	3.191501	0.001897	0.011536	1
ENSG0000 response	Inflamed	FAM127A	protein_cc chrX	1.34E+08	1.34E+08	+	1244	1886.098	0	-0.29689	0.09303	-3.19134	0.001898	0.01154	1
ENSG0000 response	Inflamed	RP11-390F	lincRNA chr9	6645956	6670635	+	526	3.157518	0.346062	-0.48291	0.15136	-3.19047	0.001903	0.011568	1
ENSG0000 response	Inflamed	LINC00925	lincRNA chr15	89904810	89939471	+	5018	31.04773	0.01432	-0.62716	0.196612	-3.18984	0.001907	0.011589	1
ENSG0000 response	Inflamed	KRT12	protein_cc chr17	39017555	39023462	-	1867	68.76372	0.02148	0.90026	0.282239	3.189702	0.001908	0.011591	1
ENSG0000 response	Inflamed	GIMAP8	protein_cc chr7	1.5E+08	1.5E+08	+	4184	1036.446	0	-0.54176	0.169865	-3.18936	0.00191	0.011601	1
ENSG0000 response	Inflamed	ZACN	protein_cc chr17	74068042	74079747	+	4307	8.420048	0.112172	-0.58448	0.183283	-3.18894	0.001912	0.011613	1
ENSG0000 response	Inflamed	UQCR10	protein_cc chr22	30163358	30166402	+	975	2980.21	0	0.401682	0.125969	3.188725	0.001914	0.011618	1
ENSG0000 response	Inflamed	ADAT3	protein_cc chr19	1905377	1913444	+	2235	370.8663	0	0.306598	0.096164	3.18829	0.001916	0.011632	1
ENSG0000 response	Inflamed	LDB2	protein_cc chr4	16503164	16900432	-	5586	468.6325	0	-0.54436	0.170742	-3.18821	0.001917	0.011632	1
ENSG0000 response	Inflamed	TMEM141	protein_cc chr9	1.4E+08	1.4E+08	+	1443	2272.165	0	0.449936	0.141143	3.187805	0.001919	0.011644	1
ENSG0000 response	Inflamed	MOB3B	protein_cc chr9	27325207	27529779	-	7087	2426.031	0	0.449695	0.141123	3.186543	0.001927	0.011687	1
ENSG0000 response	Inflamed	WWC2-AS	lincRNA chr4	1.84E+08	1.84E+08	-	2183	8.441527	0.045346	-0.45856	0.143931	-3.186	0.00193	0.011705	1
ENSG0000 response	Inflamed	KLHL34	protein_cc chrX	21673609	21676448	-	2840	43.91885	0.038186	0.650852	0.204294	3.185866	0.001931	0.011705	1
ENSG0000 response	Inflamed	ADCK5	protein_cc chr8	1.46E+08	1.46E+08	+	2742	691.8473	0	0.273172	0.085746	3.185819	0.001931	0.011705	1
ENSG0000 response	Inflamed	PTPRM	protein_cc chr18	7566780	8406859	+	9906	1424.678	0	-0.57078	0.179166	-3.18578	0.001931	0.011705	1
ENSG0000 response	Inflamed	RP11-407E	processed_chr3	1.94E+08	1.94E+08	-	7156	6.293556	0.090692	0.433381	0.136055	3.185334	0.001934	0.011718	1
ENSG0000 response	Inflamed	MATN2	protein_cc chr8	98881068	99048944	+	6938	3194.919	0	0.538833	0.169177	3.185033	0.001936	0.011726	1
ENSG0000 response	Inflamed	CHMP4B	protein_cc chr20	32399110	32442172	+	1646	7393.131	0	0.18946	0.059498	3.184298	0.00194	0.011751	1
ENSG0000 response	Inflamed	NUDT16	protein_cc chr3	1.31E+08	1.31E+08	+	7038	2994.01	0	0.282423	0.0887	3.184015	0.001942	0.011754	1
ENSG0000 response	Inflamed	GSTM4	protein_cc chr1	1.1E+08	1.1E+08	+	5370	1621.012	0	0.309596	0.097235	3.183998	0.001942	0.011754	1
ENSG0000 response	Inflamed	O2-Mar	protein_cc chr19	8478154	8503901	+	2216	1134.484	0	-0.24509	0.076974	-3.18399	0.001942	0.011754	1
ENSG0000 response	Inflamed	TTC6	protein_cc chr14	38065052	38510647	+	8418	26.46778	0.040573	0.647512	0.203422	3.183099	0.001948	0.011784	1
ENSG0000 response	Inflamed	RP11-326C	lincRNA chr11	325703	326294	-	592	2.615752	0.505967	-0.52712	0.165622	-3.18265	0.00195	0.011798	1
ENSG0000 response	Inflamed	RP11-573C	lincRNA chr3	1.87E+08	1.87E+08	-	1832	2.119332	0.508353	-0.38504	0.120987	-3.1825	0.001951	0.011801	1
ENSG0000 response	Inflamed	MIR3185	miRNA chr17	46801770	46801837	-	68	3.167064	0.575179	0.676294	0.212521	3.182247	0.001953	0.011807	1
ENSG0000 response	Inflamed	TK2	protein_cc chr16	66541906	66586447	-	7169	1033.243	0	-0.25529	0.080229	-3.18206	0.001954	0.011812	1
ENSG0000 response	Inflamed	SUMF1	protein_cc chr3	3742498	4508965	-	6952	1352.093	0	0.251783	0.079159	3.180731	0.001962	0.011858	1
ENSG0000 response	Inflamed	RP11-255F	pseudoger chr19	23945746	24016116	+	2122	58.31742	0.02148	0.82271	0.258679	3.180422	0.001964	0.011867	1
ENSG0000 response	Inflamed	RP11-655C	lincRNA chr11	58265361	58273231	-	1002	3.513126	0.360382	-0.56842	0.178769	-3.17962	0.001969	0.011894	1
ENSG0000 response	Inflamed	ACP2	protein_cc chr11	47260853	47270457	-	3484	2668.389	0	-0.18518	0.058241	-3.17951	0.00197	0.011895	1

ENSG0000 response	Inflamed	AMPD3	protein_cc chr11	10329860	10529126	+	6793	1145.169	0	-0.39478	0.124172	-3.17926	0.001971	0.011902	1
ENSG0000 response	Inflamed	VIPR2	protein_cc chr7	1.59E+08	1.59E+08	-	5222	140.3675	0.004773	-0.82418	0.259433	-3.17684	0.001986	0.011989	1
ENSG0000 response	Inflamed	GRIK2	protein_cc chr6	1.02E+08	1.03E+08	+	7492	16.2148	0.062053	0.647252	0.203823	3.175554	0.001994	0.012035	1
ENSG0000 response	Inflamed	DAXX	protein_cc chr6	33286335	33297046	-	3662	2551.902	0	-0.18162	0.057202	-3.17504	0.001997	0.012052	1
ENSG0000 response	Inflamed	COL6A5	protein_cc chr3	1.3E+08	1.3E+08	+	9591	100.8115	0.031026	-0.97684	0.307673	-3.17492	0.001998	0.012053	1
ENSG0000 response	Inflamed	LANCL3	protein_cc chrX	37430822	37543716	+	10298	137.3556	0	0.714967	0.225224	3.174468	0.002001	0.012068	1
ENSG0000 response	Inflamed	RP11-442M	lincRNA chr1	28969740	28975093	+	978	5.589499	0.071599	-0.41073	0.129401	-3.17409	0.002003	0.012079	1
ENSG0000 response	Inflamed	ARHGEF6	protein_cc chrX	1.36E+08	1.36E+08	-	6564	1065.353	0	-0.65113	0.205157	-3.17381	0.002005	0.012087	1
ENSG0000 response	Inflamed	ATP5G1	protein_cc chr17	46970127	46973233	+	2615	2940.511	0	0.362714	0.114302	3.173303	0.002008	0.012103	1
ENSG0000 response	Inflamed	AGAP1-IT1	sense_intr chr2	2.36E+08	2.36E+08	+	664	20.14081	0.00716	0.497177	0.156689	3.173009	0.00201	0.012112	1
ENSG0000 response	Inflamed	RP1-125I3	antisense chr1	26186104	26189911	+	849	3.591885	0.236277	-0.41107	0.129569	-3.17262	0.002012	0.012124	1
ENSG0000 response	Inflamed	DSG1	protein_cc chr18	28898052	28936992	+	5252	1.081146	0.725537	0.3539	0.111567	3.172096	0.002016	0.012141	1
ENSG0000 response	Inflamed	TRBC2	TR_C_gene chr7	1.42E+08	1.43E+08	+	758	2177.375	0	-0.55115	0.173762	-3.17187	0.002017	0.012146	1
ENSG0000 response	Inflamed	PDGFRL	protein_cc chr8	17433942	17501580	+	2409	43.59189	0.004773	-0.46372	0.146205	-3.17169	0.002018	0.01215	1
ENSG0000 response	Inflamed	SLC44A1	protein_cc chr9	1.08E+08	1.08E+08	+	12613	7510.53	0	0.468001	0.147587	3.171014	0.002023	0.012172	1
ENSG0000 response	Inflamed	PLEKHM2	protein_cc chr1	16010827	16061264	+	4122	3787.234	0	-0.29699	0.093657	-3.17098	0.002023	0.012172	1
ENSG0000 response	Inflamed	GPR75-AS1	protein_cc chr2	53759810	54087170	-	6505	28.15036	0	-0.41999	0.132484	-3.17012	0.002028	0.012202	1
ENSG0000 response	Inflamed	BPGM	protein_cc chr7	1.34E+08	1.34E+08	+	2539	320.2697	0	-0.39877	0.125804	-3.16975	0.002031	0.012211	1
ENSG0000 response	Inflamed	IGHV2OR1	IG_V_gene chr16	32859034	32859477	+	358	1.303103	0.727924	-0.43746	0.138013	-3.16972	0.002031	0.012211	1
ENSG0000 response	Inflamed	GSN-AS1	antisense chr9	1.24E+08	1.24E+08	-	4763	2.961814	0.470167	0.530035	0.167222	3.169653	0.002031	0.012211	1
ENSG0000 response	Inflamed	AC008074	antisense chr2	64622354	64680932	-	723	6.047733	0.102625	0.472268	0.149005	3.169484	0.002032	0.012215	1
ENSG0000 response	Inflamed	SYTL4	protein_cc chrX	99929488	99987110	-	7518	891.0764	0	0.590902	0.186441	3.169374	0.002033	0.012216	1
ENSG0000 response	Inflamed	MTCH2	protein_cc chr11	47638867	47664175	-	2897	2820.482	0	0.272445	0.085967	3.169188	0.002034	0.01222	1
ENSG0000 response	Inflamed	AMER3	protein_cc chr2	1.32E+08	1.32E+08	+	6543	20.05251	0.076372	0.793882	0.250533	3.168771	0.002037	0.012228	1
ENSG0000 response	Inflamed	RP11-8L8	lincRNA chr14	1.02E+08	1.02E+08	+	943	4.529833	0.195704	-0.47668	0.150435	-3.16869	0.002037	0.012228	1
ENSG0000 response	Inflamed	SARDH	protein_cc chr9	1.37E+08	1.37E+08	-	5391	124.1814	0	-0.52554	0.165854	-3.16867	0.002037	0.012228	1
ENSG0000 response	Inflamed	C3orf83	protein_cc chr3	12556433	12602558	-	1829	89.59666	0.009547	0.554593	0.175025	3.168657	0.002037	0.012228	1
ENSG0000 response	Inflamed	SNAPC1	protein_cc chr14	62229075	62263146	+	2656	89.00716	0	-0.55238	0.174327	-3.16863	0.002038	0.012228	1
ENSG0000 response	Inflamed	GPT	protein_cc chr8	1.46E+08	1.46E+08	+	2756	3676.279	0	0.724443	0.228635	3.168561	0.002038	0.012228	1
ENSG0000 response	Inflamed	SIAH2-AS1	antisense chr3	1.5E+08	1.5E+08	+	441	2.410501	0.408115	0.36482	0.115151	3.168195	0.00204	0.012239	1
ENSG0000 response	Inflamed	RP11-345M	lincRNA chr16	79710005	79841819	+	2409	5.353222	0.307876	-0.59791	0.188742	-3.16789	0.002042	0.012247	1
ENSG0000 response	Inflamed	RP1-249H	lincRNA chr6	1.14E+08	1.14E+08	-	2755	88.66587	0.009547	0.859094	0.271193	3.167836	0.002043	0.012247	1
ENSG0000 response	Inflamed	VWA5B2	protein_cc chr3	1.84E+08	1.84E+08	+	5730	98.50119	0.004773	0.758067	0.239328	3.167484	0.002045	0.012258	1
ENSG0000 response	Inflamed	RPL13P5	pseudogen chr12	6982553	6993905	+	1783	61.6253	0.00716	-0.31872	0.10065	-3.16662	0.00205	0.012288	1
ENSG0000 response	Inflamed	RP11-38P2	lincRNA chr3	1.53E+08	1.53E+08	+	2050	202.9427	0.004773	0.878269	0.277383	3.166264	0.002053	0.012299	1
ENSG0000 response	Inflamed	MANEA	protein_cc chr6	96025419	96057333	+	5187	400.2243	0	-0.61995	0.195819	-3.16595	0.002055	0.012308	1
ENSG0000 response	Inflamed	CTC-497E2	lincRNA chr11	13022637	13030706	-	670	1.630072	0.622912	0.44497	0.140571	3.165459	0.002058	0.012324	1
ENSG0000 response	Inflamed	RP11-104J	antisense chr17	34328458	34338658	+	1920	7.961814	0.181384	0.604513	0.190992	3.165125	0.00206	0.012334	1
ENSG0000 response	Inflamed	POLR3H	protein_cc chr22	41921808	41940610	-	6577	1130.926	0	-0.28877	0.091239	-3.16502	0.002061	0.012335	1
ENSG0000 response	Inflamed	RP11-3K1f	sense_intr chr3	1.69E+08	1.69E+08	-	513	0.842482	0.799523	0.307369	0.097125	3.164677	0.002063	0.012342	1

ENSG0000 response	Inflamed	ADAM23	protein_cc chr2	2.07E+08	2.07E+08	+	6418	150.4654	0.00716	-0.58363	0.184421	-3.16465	0.002063	0.012342	1
ENSG0000 response	Inflamed	ACVR1B	protein_cc chr12	52345451	52390862	+	5690	4136.57	0	0.482412	0.152439	3.164616	0.002063	0.012342	1
ENSG0000 response	Inflamed	RP11-686I	lincRNA chr17	33730856	33731392	-	537	14.26969	0.026253	-0.51352	0.162288	-3.16426	0.002066	0.012353	1
ENSG0000 response	Inflamed	IGF2-AS	antisense chr11	2161731	2169894	+	2867	2	0.601432	-0.50872	0.160783	-3.16401	0.002067	0.01236	1
ENSG0000 response	Inflamed	SYTL1	protein_cc chr1	27668513	27680421	+	5575	1727.086	0	-0.44924	0.141992	-3.16382	0.002068	0.012365	1
ENSG0000 response	Inflamed	HNF1A	protein_cc chr12	1.21E+08	1.21E+08	+	5028	993.7494	0.004773	0.674595	0.213241	3.163529	0.00207	0.012372	1
ENSG0000 response	Inflamed	PKN3	protein_cc chr9	1.31E+08	1.31E+08	+	3375	454.7518	0	-0.4073	0.128751	-3.16347	0.002071	0.012372	1
ENSG0000 response	Inflamed	C15orf27	protein_cc chr15	76352178	76521462	+	5265	28.59189	0.01432	-0.64673	0.204443	-3.16336	0.002071	0.012374	1
ENSG0000 response	Inflamed	EC1	protein_cc chr16	2289396	2302301	-	3234	1626.243	0	0.264853	0.083733	3.163057	0.002073	0.012382	1
ENSG0000 response	Inflamed	GH1	protein_cc chr17	61994560	61996179	-	1177	2.97136	0.355609	-0.46465	0.146902	-3.163	0.002074	0.012382	1
ENSG0000 response	Inflamed	ANO9	protein_cc chr11	417933	442011	-	6207	3961.702	0	0.49279	0.155809	3.162783	0.002075	0.012388	1
ENSG0000 response	Inflamed	CLDN5	protein_cc chr22	19510547	19515068	-	3429	729.9379	0	-0.60933	0.19267	-3.16254	0.002077	0.012394	1
ENSG0000 response	Inflamed	AC093391	antisense chr2	1.37E+08	1.37E+08	+	5503	29.76611	0	-0.43707	0.13824	-3.16167	0.002082	0.012425	1
ENSG0000 response	Inflamed	CFL2	protein_cc chr14	35179593	35184029	-	3561	417.9356	0	-0.49923	0.157913	-3.16142	0.002084	0.012432	1
ENSG0000 response	Inflamed	FGF2	protein_cc chr4	1.24E+08	1.24E+08	+	6775	258.9976	0.002387	-0.90659	0.286796	-3.16111	0.002086	0.012441	1
ENSG0000 response	Inflamed	RP11-321C	lincRNA chr15	63682335	63729347	+	1058	62.36277	0.052506	0.928024	0.293594	3.160907	0.002087	0.012446	1
ENSG0000 response	Inflamed	SFTPB	protein_cc chr2	85884437	85895864	-	4110	1.684964	0.782816	-0.53812	0.170258	-3.16062	0.002089	0.012454	1
ENSG0000 response	Inflamed	PTK6	protein_cc chr20	62159778	62168723	-	2523	3974.752	0	0.561519	0.177674	3.160388	0.002091	0.012461	1
ENSG0000 response	Inflamed	CCL15	protein_cc chr17	34323476	34329084	-	1567	238.4845	0.002387	0.597194	0.188969	3.160281	0.002091	0.012462	1
ENSG0000 response	Inflamed	TSPAN5	protein_cc chr4	99391518	99579780	-	7430	350.8377	0	-0.47439	0.150115	-3.16018	0.002092	0.012463	1
ENSG0000 response	Inflamed	CYP2B7P1	pseudoger chr19	41430124	41456565	+	4064	123.3914	0.011933	0.903719	0.285995	3.159909	0.002094	0.012471	1
ENSG0000 response	Inflamed	HOXC9	protein_cc chr12	54388679	54397121	+	1679	5.914081	0.374702	-0.60622	0.191867	-3.15956	0.002096	0.012481	1
ENSG0000 response	Inflamed	RPS6KA6	protein_cc chrX	83318984	83442933	-	2890	110.0286	0.011933	0.83607	0.264653	3.159121	0.002099	0.012496	1
ENSG0000 response	Inflamed	RP11-342I	antisense chr10	33500205	33502732	+	781	2.315036	0.484487	-0.46095	0.146011	-3.15692	0.002113	0.012579	1
ENSG0000 response	Inflamed	NDUFB9	protein_cc chr8	1.26E+08	1.26E+08	+	2629	2843.749	0	0.368614	0.116809	3.155692	0.002121	0.012624	1
ENSG0000 response	Inflamed	KIAA1683	protein_cc chr19	18367908	18385319	-	9153	357.4773	0	0.629014	0.199362	3.155135	0.002125	0.012643	1
ENSG0000 response	Inflamed	ARHGEF9	protein_cc chrX	62854847	63005426	-	6673	1037.296	0	0.414592	0.13141	3.154949	0.002126	0.012648	1
ENSG0000 response	Inflamed	GABRD	protein_cc chr1	1950780	1962192	+	1913	20.31742	0.019093	-0.50231	0.159235	-3.15449	0.002129	0.012662	1
ENSG0000 response	Inflamed	CA11	protein_cc chr19	49141199	49149569	-	2075	156.1265	0	-0.43249	0.137106	-3.15445	0.00213	0.012662	1
ENSG0000 response	Inflamed	RP11-480I	lincRNA chr1	1.6E+08	1.6E+08	+	1266	605.3723	0.004773	0.801676	0.254149	3.154353	0.00213	0.012662	1
ENSG0000 response	Inflamed	AC019171	protein_cc chr2	39186764	39187483	-	720	4.663484	0.186158	-0.43508	0.137943	-3.15406	0.002132	0.012671	1
ENSG0000 response	Inflamed	NAT6	protein_cc chr3	50333833	50336852	-	2188	219.9905	0	-0.28505	0.090379	-3.154	0.002133	0.012671	1
ENSG0000 response	Inflamed	TCP10L2	protein_cc chr6	1.68E+08	1.68E+08	+	4332	2.718377	0.455847	0.497045	0.157605	3.153738	0.002134	0.012678	1
ENSG0000 response	Inflamed	TMEM86A	protein_cc chr11	18714669	18726332	+	4243	347.7566	0	-0.35925	0.113918	-3.15362	0.002135	0.01268	1
ENSG0000 response	Inflamed	LPIN3	protein_cc chr20	39969560	39989222	+	4565	2221.599	0	0.508963	0.16142	3.153031	0.002139	0.0127	1
ENSG0000 response	Inflamed	RP11-496I	lincRNA chr4	24661479	24673191	+	2195	10.51313	0.157518	0.739852	0.234666	3.152793	0.002141	0.012705	1
ENSG0000 response	Inflamed	EFHD1	protein_cc chr2	2.33E+08	2.34E+08	+	3052	110.9523	0.002387	-0.59031	0.187238	-3.1527	0.002141	0.012705	1
ENSG0000 response	Inflamed	RP1-80N2	lincRNA chr6	6680542	6683866	-	3325	59.87351	0.026253	0.791545	0.25107	3.15269	0.002141	0.012705	1
ENSG0000 response	Inflamed	DENND6B	protein_cc chr22	50747459	50765489	-	5935	477.4535	0	-0.29025	0.092073	-3.15238	0.002143	0.012714	1
ENSG0000 response	Inflamed	ACSM3	protein_cc chr16	20621565	20808903	+	5095	610.1599	0	0.672091	0.213245	3.15174	0.002148	0.012737	1

ENSG0000 response	Inflamed	GPR37L1	protein_cc chr1	2.02E+08	2.02E+08 +	6588	225.8974	0.004773	0.841451	0.267039	3.151038	0.002152	0.012762	1
ENSG0000 response	Inflamed	CLDN2	protein_cc chrX	1.06E+08	1.06E+08 +	3410	1141.337	0.00716	-1.14541	0.363511	-3.15096	0.002153	0.012762	1
ENSG0000 response	Inflamed	CTD-2201c	antisense chr5	1.13E+08	1.13E+08 +	4194	2.443914	0.420048	-0.45895	0.145676	-3.15047	0.002156	0.012779	1
ENSG0000 response	Inflamed	AP000476	lincRNA chr21	25801054	25920256 +	4970	3.188544	0.410501	-0.54729	0.17373	-3.15025	0.002158	0.012783	1
ENSG0000 response	Inflamed	ENHO	protein_cc chr9	34521038	34523039 -	1082	170.926	0.002387	0.879566	0.279208	3.150215	0.002158	0.012783	1
ENSG0000 response	Inflamed	LHFPL4	protein_cc chr3	9543481	9595486 -	1893	6.362768	0.338902	0.734951	0.233307	3.150151	0.002158	0.012783	1
ENSG0000 response	Inflamed	PEAR1	protein_cc chr1	1.57E+08	1.57E+08 +	5530	558.926	0	-0.48194	0.152996	-3.15003	0.002159	0.012785	1
ENSG0000 response	Inflamed	CPXM2	protein_cc chr10	1.25E+08	1.26E+08 -	4689	452.6539	0.00716	-0.70349	0.223335	-3.14992	0.00216	0.012786	1
ENSG0000 response	Inflamed	RP11-473M	lincRNA chr16	3126912	3137101 -	1326	75.58234	0.002387	-0.61618	0.195643	-3.14951	0.002163	0.012797	1
ENSG0000 response	Inflamed	GLIS1	protein_cc chr1	53971910	54199877 -	2812	70.06683	0.023866	-0.71822	0.228042	-3.1495	0.002163	0.012797	1
ENSG0000 response	Inflamed	LRP5	protein_cc chr11	68080077	68216743 +	6164	6448.494	0	0.442088	0.140407	3.148611	0.002169	0.012828	1
ENSG0000 response	Inflamed	CCT8P1	pseudoger chr1	1.47E+08	1.47E+08 -	1657	63.72315	0.009547	0.664879	0.211168	3.148581	0.002169	0.012828	1
ENSG0000 response	Inflamed	ATP5C1	protein_cc chr10	7830092	7849778 +	2347	4242.093	0	0.343395	0.109076	3.148207	0.002171	0.01284	1
ENSG0000 response	Inflamed	IDH3B	protein_cc chr20	2639041	2644865 -	2299	2193.15	0	0.2094	0.066519	3.147975	0.002173	0.012846	1
ENSG0000 response	Inflamed	KLHDC9	protein_cc chr1	1.61E+08	1.61E+08 +	1720	114.4726	0	0.390323	0.124008	3.147559	0.002176	0.012858	1
ENSG0000 response	Inflamed	RP11-101E	lincRNA chr17	49512788	49523163 +	3115	1.928401	0.570406	-0.47662	0.151427	-3.14753	0.002176	0.012858	1
ENSG0000 response	Inflamed	GLIS2	protein_cc chr16	4364762	4389598 +	4469	585.7494	0	-0.61006	0.193833	-3.14733	0.002177	0.012863	1
ENSG0000 response	Inflamed	CTC-340I2	antisense chr5	1.56E+08	1.56E+08 -	460	1.124105	0.75179	-0.42696	0.135667	-3.14716	0.002178	0.012867	1
ENSG0000 response	Inflamed	CPT2	protein_cc chr1	53662101	53679869 +	3401	2631.277	0	0.401168	0.127472	3.147106	0.002179	0.012867	1
ENSG0000 response	Inflamed	SH2D1A	protein_cc chrX	1.23E+08	1.24E+08 +	2450	111.611	0	-0.69059	0.219459	-3.14677	0.002181	0.012877	1
ENSG0000 response	Inflamed	RP11-96K1	antisense chr1	1.11E+08	1.11E+08 +	2359	2.286396	0.536993	-0.48173	0.153104	-3.14643	0.002183	0.012888	1
ENSG0000 response	Inflamed	CTA-384D	antisense chr22	50984844	50986081 +	157	1.892601	0.606205	-0.51008	0.16212	-3.14635	0.002184	0.012888	1
ENSG0000 response	Inflamed	PTP4A1	protein_cc chr6	64231666	64293492 +	5796	9322.926	0	0.516283	0.164098	3.146179	0.002185	0.012892	1
ENSG0000 response	Inflamed	TRIM61	protein_cc chr4	1.66E+08	1.66E+08 -	1582	5.75895	0.128878	-0.4821	0.153238	-3.14611	0.002186	0.012892	1
ENSG0000 response	Inflamed	TMEM190	protein_cc chr19	55888204	55889612 +	593	3.53222	0.460621	-0.54286	0.172561	-3.14592	0.002187	0.012897	1
ENSG0000 response	Inflamed	FAM83G	protein_cc chr17	18872102	18908117 -	7883	3151.107	0	0.38049	0.12097	3.14533	0.002191	0.012917	1
ENSG0000 response	Inflamed	LPHN2	protein_cc chr1	81771845	82458120 +	7754	1232.683	0	-0.79585	0.253048	-3.14504	0.002193	0.012926	1
ENSG0000 response	Inflamed	AAMDC	protein_cc chr11	77532155	77629478 +	1943	226.4726	0	0.271354	0.086292	3.144613	0.002196	0.01294	1
ENSG0000 response	Inflamed	LSAMP	protein_cc chr3	1.16E+08	1.18E+08 -	10367	414.5131	0.002387	-0.77507	0.246506	-3.14424	0.002198	0.012948	1
ENSG0000 response	Inflamed	C15orf48	protein_cc chr15	45722727	45740959 +	1405	8931.826	0	0.492465	0.156625	3.144229	0.002198	0.012948	1
ENSG0000 response	Inflamed	PLCB1	protein_cc chr20	8112824	8949003 +	10942	168.9666	0.002387	-0.5937	0.188822	-3.14421	0.002199	0.012948	1
ENSG0000 response	Inflamed	CCDC36	protein_cc chr3	49235861	49295537 +	4356	16.49165	0.050119	-0.60335	0.191929	-3.14363	0.002202	0.012965	1
ENSG0000 response	Inflamed	PBX2	protein_cc chr6	32152512	32157963 -	4350	2946.609	0	-0.33852	0.107686	-3.14359	0.002203	0.012965	1
ENSG0000 response	Inflamed	HNF4G	protein_cc chr8	76320149	76479078 +	4806	1458.998	0.002387	0.850239	0.270476	3.14349	0.002203	0.012965	1
ENSG0000 response	Inflamed	O2-Mar	protein_cc chr1	2.21E+08	2.21E+08 +	2590	611.031	0	0.313815	0.09983	3.143486	0.002203	0.012965	1
ENSG0000 response	Inflamed	THAP11	protein_cc chr16	67876213	67878097 +	1885	1063.582	0	-0.18361	0.058412	-3.14341	0.002204	0.012966	1
ENSG0000 response	Inflamed	PROB1	protein_cc chr5	1.39E+08	1.39E+08 -	3251	86.71599	0.01432	-0.62147	0.19774	-3.14284	0.002208	0.012984	1
ENSG0000 response	Inflamed	CNTNAP4	protein_cc chr16	76311176	76593135 +	5367	2.231504	0.692124	-0.64562	0.205429	-3.1428	0.002208	0.012984	1
ENSG0000 response	Inflamed	SCRN1	protein_cc chr7	29959719	30029905 -	6046	1300.864	0	-0.5215	0.166045	-3.14069	0.002223	0.013067	1
ENSG0000 response	Inflamed	RP11-428k	antisense chr1	1.79E+08	1.79E+08 -	1980	30.62053	0.011933	-0.54245	0.172738	-3.14031	0.002225	0.013079	1

ENSG0000 response	Inflamed	ESRP1	protein_cc chr8	95653302	95719694	+	4875	5488.451	0	0.736966	0.234696	3.140085	0.002227	0.013085	1
ENSG0000 response	Inflamed	RP11-380F	antisense chr4	23562546	23770275	+	703	9.334129	0.362768	0.80079	0.255038	3.139879	0.002228	0.01309	1
ENSG0000 response	Inflamed	SPRR1B	protein_cc chr1	1.53E+08	1.53E+08	+	620	61.05967	0.52506	-1.54235	0.491227	-3.1398	0.002229	0.01309	1
ENSG0000 response	Inflamed	CTD-2132I	sense_intr chr17	40192731	40195135	-	761	23.76611	0.038186	0.626223	0.19945	3.139753	0.002229	0.01309	1
ENSG0000 response	Inflamed	CCDC85C	protein_cc chr14	99977603	1E+08	-	6363	4048.807	0	0.35987	0.114624	3.139563	0.00223	0.013095	1
ENSG0000 response	Inflamed	CD3E	protein_cc chr11	1.18E+08	1.18E+08	+	2844	1354.508	0	-0.49748	0.158464	-3.13941	0.002231	0.013098	1
ENSG0000 response	Inflamed	SPIB	protein_cc chr19	50922195	50934570	+	4281	1536.511	0	0.769941	0.245272	3.139135	0.002233	0.013106	1
ENSG0000 response	Inflamed	WWTR1-A	antisense chr3	1.49E+08	1.49E+08	+	2603	3.792363	0.267303	-0.46475	0.148062	-3.13885	0.002235	0.013115	1
ENSG0000 response	Inflamed	CREB3L1	protein_cc chr11	46299212	46342972	+	4038	7974.728	0	0.43028	0.137092	3.138615	0.002237	0.013121	1
ENSG0000 response	Inflamed	SLC5A8	protein_cc chr12	1.02E+08	1.02E+08	-	4178	25.45107	0.143198	0.966869	0.308063	3.138547	0.002237	0.013121	1
ENSG0000 response	Inflamed	MUC16	protein_cc chr19	8959520	9092018	-	43830	47.15513	0.169451	-1.05425	0.335951	-3.13811	0.00224	0.013136	1
ENSG0000 response	Inflamed	SLC26A3	protein_cc chr7	1.07E+08	1.07E+08	-	3382	43314.43	0	1.476464	0.470584	3.137518	0.002245	0.013157	1
ENSG0000 response	Inflamed	RP11-757F	antisense chr3	1.12E+08	1.12E+08	+	1937	106.1122	0.016706	0.969873	0.309152	3.137198	0.002247	0.013168	1
ENSG0000 response	Inflamed	PIP4K2C	protein_cc chr12	57984957	57997198	+	3296	3074.621	0	0.296386	0.094479	3.137047	0.002248	0.01317	1
ENSG0000 response	Inflamed	AL163953.	lincRNA chr14	54066550	54080744	-	726	4.310263	0.367542	0.606596	0.193368	3.136997	0.002248	0.01317	1
ENSG0000 response	Inflamed	SPRED2	protein_cc chr2	65537985	65659771	-	5154	2548.415	0	0.446341	0.142294	3.13676	0.00225	0.013177	1
ENSG0000 response	Inflamed	RP5-1061I	lincRNA chr1	2.29E+08	2.29E+08	-	1155	14.47494	0.042959	0.512006	0.163268	3.135981	0.002255	0.013206	1
ENSG0000 response	Inflamed	KLHL29	protein_cc chr2	23608088	23931481	+	11071	542.6802	0	-0.5926	0.188975	-3.13585	0.002256	0.013207	1
ENSG0000 response	Inflamed	KIF17	protein_cc chr1	20990507	21044510	-	4470	45.54654	0	-0.47358	0.151025	-3.1358	0.002257	0.013207	1
ENSG0000 response	Inflamed	HLA-DRB5	protein_cc chr6	32485120	32498064	-	1260	3516.229	0.002387	-0.5517	0.17596	-3.1354	0.002259	0.01322	1
ENSG0000 response	Inflamed	LRPAP1	protein_cc chr4	3508103	3534286	-	8724	4517.425	0	-0.19749	0.062991	-3.13515	0.002261	0.013228	1
ENSG0000 response	Inflamed	GABARAPL	protein_cc chr12	10365057	10375727	+	4084	1263.718	0	-0.2863	0.091332	-3.13477	0.002264	0.01324	1
ENSG0000 response	Inflamed	USHBP1	protein_cc chr19	17359985	17393595	-	5175	115.6683	0.00716	-0.55588	0.177341	-3.13451	0.002266	0.013248	1
ENSG0000 response	Inflamed	RP11-394I	lincRNA chr2	1.75E+08	1.75E+08	+	1884	3.706444	0.267303	-0.50204	0.160194	-3.13392	0.00227	0.013267	1
ENSG0000 response	Inflamed	ST3GAL5	protein_cc chr2	86066267	86116137	-	5701	456.253	0	-0.571	0.182201	-3.1339	0.00227	0.013267	1
ENSG0000 response	Inflamed	RP11-801F	antisense chr2	2.09E+08	2.09E+08	-	564	64.93079	0.009547	0.762258	0.243263	3.133474	0.002273	0.013281	1
ENSG0000 response	Inflamed	SLC22A16	protein_cc chr6	1.11E+08	1.11E+08	-	3791	2.190931	0.587112	-0.45682	0.145791	-3.13342	0.002273	0.013281	1
ENSG0000 response	Inflamed	PPM1L	protein_cc chr3	1.6E+08	1.61E+08	+	12447	567.8401	0	0.49398	0.157664	3.133118	0.002275	0.013291	1
ENSG0000 response	Inflamed	SAP30	protein_cc chr4	1.74E+08	1.74E+08	+	1320	224.3675	0	-0.29687	0.094757	-3.13295	0.002277	0.013295	1
ENSG0000 response	Inflamed	KCNC3	protein_cc chr19	50815194	50836772	-	6277	158.7804	0.01432	-0.62597	0.199823	-3.13262	0.002279	0.013305	1
ENSG0000 response	Inflamed	DOLK	protein_cc chr9	1.32E+08	1.32E+08	-	2090	606.1814	0	-0.22491	0.0718	-3.13239	0.002281	0.013312	1
ENSG0000 response	Inflamed	FRMD4A	protein_cc chr10	13685706	14504141	-	12499	915.5847	0	-0.43266	0.138137	-3.13212	0.002282	0.01332	1
ENSG0000 response	Inflamed	SEPP1	protein_cc chr5	42799982	42887494	-	5688	21321.06	0	0.567119	0.181088	3.131737	0.002285	0.013326	1
ENSG0000 response	Inflamed	TMEM52	protein_cc chr1	1849029	1850712	-	1594	96.09308	0	0.438422	0.139994	3.131726	0.002285	0.013326	1
ENSG0000 response	Inflamed	RP11-677I	antisense chr11	1.25E+08	1.25E+08	-	445	4.816229	0.205251	0.513482	0.163962	3.131705	0.002285	0.013326	1
ENSG0000 response	Inflamed	KIAA1211	protein_cc chr4	57036361	57194791	+	5939	1914.99	0	0.557486	0.178015	3.131684	0.002286	0.013326	1
ENSG0000 response	Inflamed	ADCYAP1	protein_cc chr18	904944	912173	+	3805	126.8735	0.042959	-0.8556	0.273235	-3.13138	0.002288	0.013336	1
ENSG0000 response	Inflamed	UGP2	protein_cc chr2	64068074	64118696	+	6477	6403.095	0	0.522706	0.166938	3.131141	0.002289	0.013343	1
ENSG0000 response	Inflamed	PTCRA	protein_cc chr6	42883727	42893573	+	1123	9.346062	0.047733	-0.56787	0.181373	-3.13093	0.002291	0.013345	1
ENSG0000 response	Inflamed	MST1P2	pseudoger chr1	16972069	16976914	+	2686	153.401	0.00716	0.829996	0.265096	3.13093	0.002291	0.013345	1

ENSG0000 response	Inflamed	NCBP2-AS1	lincRNA	chr3	1.97E+08	1.97E+08	+	918	520.2864	0	0.245194	0.078323	3.130529	0.002294	0.013359	1
ENSG0000 response	Inflamed	RP11-510M	sense_intr	chr1	2.02E+08	2.02E+08	+	987	56.3222	0.02864	0.744575	0.237855	3.130378	0.002295	0.013362	1
ENSG0000 response	Inflamed	DCN	protein_cc	chr12	91539025	91576900	-	8083	7662.248	0	-0.75707	0.24185	-3.13032	0.002295	0.013362	1
ENSG0000 response	Inflamed	CAMK1D	protein_cc	chr10	12391481	12877545	+	8746	2599.831	0	0.44834	0.143237	3.130061	0.002297	0.013369	1
ENSG0000 response	Inflamed	ADAMTS1	protein_cc	chr19	8645126	8675620	-	5739	514.9785	0	-0.67406	0.215355	-3.13	0.002297	0.013369	1
ENSG0000 response	Inflamed	SLC10A1	protein_cc	chr14	70242134	70264006	-	2049	2.863962	0.486874	0.389584	0.124475	3.129832	0.002299	0.013373	1
ENSG0000 response	Inflamed	CXCL2	protein_cc	chr4	74962752	74965010	-	1500	829.9189	0.002387	-1.0038	0.320752	-3.12951	0.002301	0.013383	1
ENSG0000 response	Inflamed	BMP8A	protein_cc	chr1	39957318	39991607	+	1692	75.3389	0.00716	-0.5092	0.162727	-3.12917	0.002303	0.013394	1
ENSG0000 response	Inflamed	SOX5	protein_cc	chr12	23682440	24103966	-	8879	73.12172	0.011933	-0.65099	0.208057	-3.12889	0.002305	0.013403	1
ENSG0000 response	Inflamed	PRSS16	protein_cc	chr6	27215480	27224403	+	5290	872.1504	0	0.389618	0.124531	3.128688	0.002307	0.013409	1
ENSG0000 response	Inflamed	PEBP1P2	pseudoger	chr2	85568404	85568961	-	558	4.973747	0.174224	0.388904	0.124307	3.128573	0.002308	0.01341	1
ENSG0000 response	Inflamed	PPP4R4	protein_cc	chr14	94612465	94746072	+	4974	8.357995	0.288783	-0.74188	0.23714	-3.12844	0.002309	0.013413	1
ENSG0000 response	Inflamed	RP5-903G2	lincRNA	chr11	67702034	67707245	-	455	9.739857	0.052506	0.573242	0.183253	3.12815	0.002311	0.013422	1
ENSG0000 response	Inflamed	PGLYRP4	protein_cc	chr1	1.53E+08	1.53E+08	-	2272	8.789976	0.341289	-0.76357	0.244108	-3.12799	0.002312	0.013425	1
ENSG0000 response	Inflamed	MTRNR2L1	protein_cc	chr11	10529434	10530723	-	1290	323.3699	0	0.631649	0.20198	3.127291	0.002317	0.013452	1
ENSG0000 response	Inflamed	RP11-310E	antisense	chr10	96988000	96990901	-	663	1.205251	0.658711	0.342286	0.109457	3.12713	0.002318	0.013455	1
ENSG0000 response	Inflamed	RP11-216E	antisense	chr9	1.31E+08	1.31E+08	-	1242	11.63962	0.011933	-0.35555	0.113718	-3.12661	0.002322	0.013473	1
ENSG0000 response	Inflamed	ABCA7	protein_cc	chr19	1040102	1065571	+	8365	1866.019	0	-0.44749	0.143124	-3.12657	0.002322	0.013473	1
ENSG0000 response	Inflamed	CCL19	protein_cc	chr9	34689564	34691274	-	777	1284.773	0.002387	-1.41088	0.451328	-3.12607	0.002326	0.013491	1
ENSG0000 response	Inflamed	TJP3	protein_cc	chr19	3708107	3750811	+	4259	8760.375	0	0.689	0.220409	3.125999	0.002326	0.013491	1
ENSG0000 response	Inflamed	PGAP2	protein_cc	chr11	3818954	3847601	+	3781	814.315	0	0.204653	0.065481	3.12539	0.00233	0.013513	1
ENSG0000 response	Inflamed	C2orf72	protein_cc	chr2	2.32E+08	2.32E+08	+	3851	2670.654	0	0.687018	0.219854	3.124883	0.002334	0.013531	1
ENSG0000 response	Inflamed	RP1-93H11	lincRNA	chr6	1.17E+08	1.17E+08	+	701	7.417661	0.116945	-0.5152	0.164879	-3.12469	0.002336	0.013537	1
ENSG0000 response	Inflamed	SRGAP2B	pseudoger	chr1	1.44E+08	1.44E+08	+	1427	97.46778	0.016706	-0.52213	0.167122	-3.12424	0.002339	0.013552	1
ENSG0000 response	Inflamed	EAPP	protein_cc	chr14	34985135	35008916	-	2022	1189.048	0	0.275533	0.088208	3.123668	0.002343	0.013573	1
ENSG0000 response	Inflamed	CD6	protein_cc	chr11	60739115	60787849	+	5995	1086.957	0	-0.545	0.174492	-3.12333	0.002345	0.013584	1
ENSG0000 response	Inflamed	IGKV1D-12	IG_V_gene	chr2	90198535	90199190	+	532	1896.802	0.002387	-1.12866	0.361432	-3.12273	0.00235	0.013606	1
ENSG0000 response	Inflamed	CHID1	protein_cc	chr11	867357	915058	-	6265	1799.453	0	-0.22767	0.072913	-3.12248	0.002352	0.013614	1
ENSG0000 response	Inflamed	KLHL32	protein_cc	chr6	97372605	97588630	+	3777	40.72792	0.016706	0.684863	0.219339	3.1224	0.002352	0.013614	1
ENSG0000 response	Inflamed	FGF5	protein_cc	chr4	81187753	81257834	+	5998	3.210024	0.644391	-0.75125	0.240616	-3.12221	0.002354	0.013618	1
ENSG0000 response	Inflamed	FRAS1	protein_cc	chr4	78978724	79465423	+	18960	304.148	0.01432	1.050878	0.336586	3.122168	0.002354	0.013618	1
ENSG0000 response	Inflamed	SNX22	protein_cc	chr15	64443914	64449680	+	5767	164.8186	0.002387	-0.85744	0.274663	-3.12179	0.002357	0.013631	1
ENSG0000 response	Inflamed	DHX32	protein_cc	chr10	1.28E+08	1.28E+08	-	3948	1668.062	0	0.446947	0.143177	3.121644	0.002358	0.013634	1
ENSG0000 response	Inflamed	POLR2D	protein_cc	chr2	1.29E+08	1.29E+08	-	2511	717.58	0	-0.27205	0.087171	-3.12091	0.002363	0.013662	1
ENSG0000 response	Inflamed	RP11-242C	sense_intr	chrX	30716324	30740049	+	562	16.67303	0.107399	-0.8127	0.260423	-3.1207	0.002364	0.013668	1
ENSG0000 response	Inflamed	RP11-192F	antisense	chr17	26934981	26936748	+	1083	2.880668	0.405728	-0.46829	0.15009	-3.12009	0.002369	0.01369	1
ENSG0000 response	Inflamed	SOWAHB	protein_cc	chr4	77816082	77819002	-	2921	980.0907	0.002387	0.661899	0.212144	3.120045	0.002369	0.01369	1
ENSG0000 response	Inflamed	GCGR	protein_cc	chr17	79762008	79771889	+	3241	11.27446	0.155131	-0.67909	0.21766	-3.11996	0.00237	0.01369	1
ENSG0000 response	Inflamed	FGD5P1	pseudoger	chr3	13974553	13978977	+	3872	3.599045	0.305489	-0.45905	0.147157	-3.11946	0.002374	0.013709	1
ENSG0000 response	Inflamed	C2CD4C	protein_cc	chr19	405438	409139	-	3098	41.73508	0.016706	-0.58613	0.187921	-3.11902	0.002377	0.013724	1

ENSG0000 response	Inflamed	RIPK4	protein_cc chr21	43159529	43187266	-	4267	833.2411	0	0.547175	0.175448	3.11873	0.002379	0.013733	1
ENSG0000 response	Inflamed	QKI	protein_cc chr6	1.64E+08	1.64E+08	+	17368	1653.747	0	-0.6172	0.197936	-3.11815	0.002383	0.013753	1
ENSG0000 response	Inflamed	SCARF2	protein_cc chr22	20778874	20792146	-	3602	396.6897	0	-0.56211	0.180273	-3.11811	0.002383	0.013753	1
ENSG0000 response	Inflamed	RP11-737C	antisense chr18	2920964	2921683	+	720	7.052506	0.131265	-0.52889	0.169633	-3.11786	0.002385	0.013761	1
ENSG0000 response	Inflamed	TRAPPC2P	protein_cc chr19	57874879	57876721	+	1843	65.15274	0	-0.37021	0.118742	-3.11779	0.002386	0.013761	1
ENSG0000 response	Inflamed	TRAM2	protein_cc chr6	52362200	52441713	-	6908	6144.842	0	-0.39173	0.125651	-3.11761	0.002387	0.013766	1
ENSG0000 response	Inflamed	RP11-145M	lincRNA chr3	1.79E+08	1.79E+08	-	2089	277.8878	0	-0.63887	0.204946	-3.11728	0.00239	0.013777	1
ENSG0000 response	Inflamed	LUM	protein_cc chr12	91496406	91505608	-	3008	8378.463	0	-0.72297	0.231938	-3.11708	0.002391	0.013782	1
ENSG0000 response	Inflamed	CARNS1	protein_cc chr11	67182439	67193078	+	5670	74.26969	0	-0.50565	0.162246	-3.11653	0.002395	0.013802	1
ENSG0000 response	Inflamed	TCF15	protein_cc chr20	584441	591042	-	1555	7.553699	0.102625	-0.57691	0.18512	-3.11642	0.002396	0.013802	1
ENSG0000 response	Inflamed	FAM150B	protein_cc chr2	279558	288851	-	2191	154.4797	0	0.538816	0.172896	3.116412	0.002396	0.013802	1
ENSG0000 response	Inflamed	WSCD2	protein_cc chr12	1.09E+08	1.09E+08	+	6557	18.41766	0.0358	-0.53348	0.171218	-3.11582	0.0024	0.013824	1
ENSG0000 response	Inflamed	LINC00238	processed_chr14	66953072	66965271	+	1417	7.739857	0.260143	0.614642	0.19727	3.115744	0.002401	0.013824	1
ENSG0000 response	Inflamed	EGOT	lincRNA chr3	4790876	4793274	-	1464	2.381862	0.541766	-0.51315	0.164718	-3.11531	0.002404	0.013837	1
ENSG0000 response	Inflamed	ADCK2	protein_cc chr7	1.4E+08	1.4E+08	+	2913	1347.542	0	0.269399	0.086476	3.115291	0.002404	0.013837	1
ENSG0000 response	Inflamed	XXbac-B47	antisense chr22	18559293	18561650	-	2235	201.4511	0	0.6196	0.198894	3.115227	0.002405	0.013837	1
ENSG0000 response	Inflamed	AC108004	antisense chr17	254326	263814	-	1223	4.887828	0.329356	-0.66304	0.212874	-3.11473	0.002408	0.013855	1
ENSG0000 response	Inflamed	BCAS4	protein_cc chr20	49411431	49493714	+	2084	101.5322	0	-0.65499	0.210302	-3.11454	0.00241	0.01386	1
ENSG0000 response	Inflamed	RP11-147L	antisense chr17	66242770	66244079	-	1310	2.441527	0.429594	-0.39729	0.127586	-3.11387	0.002415	0.013886	1
ENSG0000 response	Inflamed	PROM1	protein_cc chr4	15964699	16086001	-	7465	2961.778	0	0.732575	0.235295	3.113435	0.002418	0.013899	1
ENSG0000 response	Inflamed	AGAP1	protein_cc chr2	2.36E+08	2.37E+08	+	13896	3369.623	0	0.413384	0.132774	3.113433	0.002418	0.013899	1
ENSG0000 response	Inflamed	C6	protein_cc chr5	41142336	41261540	-	4739	11.81384	0.162291	0.659247	0.211754	3.113275	0.002419	0.013902	1
ENSG0000 response	Inflamed	MS4A3	protein_cc chr11	59824060	59838601	+	2095	3.639618	0.410501	-0.48992	0.157391	-3.11277	0.002423	0.013921	1
ENSG0000 response	Inflamed	CD3D	protein_cc chr11	1.18E+08	1.18E+08	-	929	374.4081	0	-0.54738	0.175871	-3.11242	0.002426	0.013933	1
ENSG0000 response	Inflamed	COQ10A	protein_cc chr12	56660642	56664750	+	3243	258.6396	0	-0.33912	0.108966	-3.11221	0.002427	0.013939	1
ENSG0000 response	Inflamed	ELOVL4	protein_cc chr6	80624529	80657297	-	3042	31.91647	0.01432	-0.55472	0.17827	-3.11167	0.002431	0.013959	1
ENSG0000 response	Inflamed	AC064875	processed_chr2	13106910	13147138	-	2846	1.859189	0.534606	-0.39274	0.126257	-3.11062	0.002439	0.014001	1
ENSG0000 response	Inflamed	PF4V1	protein_cc chr4	74718906	74719872	+	522	13.55609	0.252983	-0.83135	0.267276	-3.11045	0.00244	0.014005	1
ENSG0000 response	Inflamed	RP11-409k	pseudoger chr9	1.33E+08	1.33E+08	-	341	1.844869	0.49642	-0.33845	0.108831	-3.10991	0.002445	0.014023	1
ENSG0000 response	Inflamed	HLA-DRA	protein_cc chr6	32407619	32412823	+	1280	23569.27	0	-0.48671	0.156503	-3.1099	0.002445	0.014023	1
ENSG0000 response	Inflamed	WWC2	protein_cc chr4	1.84E+08	1.84E+08	+	9966	310.0143	0.004773	-0.61268	0.19708	-3.10878	0.002453	0.014069	1
ENSG0000 response	Inflamed	LRRC38	protein_cc chr1	13801445	13840543	-	2209	1.119332	0.756563	-0.40444	0.13013	-3.10793	0.002459	0.0141	1
ENSG0000 response	Inflamed	HOOK2	protein_cc chr19	12873817	12983554	-	5950	2355.437	0	0.367743	0.118324	3.10792	0.00246	0.0141	1
ENSG0000 response	Inflamed	IGLV5-37	IG_V_gene chr22	22781876	22782371	+	374	313.9833	0.059666	-1.21757	0.391816	-3.10751	0.002463	0.014114	1
ENSG0000 response	Inflamed	LRRC29	protein_cc chr16	67241042	67260951	-	2807	60.34129	0	-0.35482	0.114186	-3.10743	0.002463	0.014114	1
ENSG0000 response	Inflamed	RP4-773A1	antisense chr1	1.12E+08	1.12E+08	+	2131	8.357995	0.062053	-0.54399	0.175064	-3.10739	0.002464	0.014114	1
ENSG0000 response	Inflamed	JAG2	protein_cc chr14	1.06E+08	1.06E+08	-	6397	630.5012	0	-0.57419	0.184799	-3.1071	0.002466	0.014123	1
ENSG0000 response	Inflamed	ROR2	protein_cc chr9	94325373	94712444	-	5818	557.1742	0	-0.47139	0.151725	-3.10686	0.002468	0.01413	1
ENSG0000 response	Inflamed	GPR124	protein_cc chr8	37641709	37702414	+	7061	3262.11	0	-0.6906	0.222296	-3.10665	0.002469	0.014136	1
ENSG0000 response	Inflamed	ISG15	protein_cc chr1	948803	949920	+	711	970.6301	0	-0.52651	0.169506	-3.10613	0.002473	0.014156	1

ENSG0000 response	Inflamed	ANK3	protein_cc chr10	61786056	62493248	-	24624	1177.726	0	0.696332	0.224192	3.105962	0.002474	0.014159	1
ENSG0000 response	Inflamed	C3orf18	protein_cc chr3	50595462	50608458	-	3242	186.253	0	-0.39744	0.127962	-3.10592	0.002475	0.014159	1
ENSG0000 response	Inflamed	RNVU1-14	snRNA chr1	1.48E+08	1.48E+08	+	164	1.761337	0.563246	-0.3868	0.124547	-3.10566	0.002477	0.014167	1
ENSG0000 response	Inflamed	YBX3	protein_cc chr12	10851683	10875911	-	8615	4829.919	0	-0.24488	0.078859	-3.10525	0.00248	0.014182	1
ENSG0000 response	Inflamed	RGS4	protein_cc chr1	1.63E+08	1.63E+08	+	4836	76.06921	0.019093	-0.90762	0.292294	-3.10516	0.00248	0.014183	1
ENSG0000 response	Inflamed	SRRM3	protein_cc chr7	75831216	75916605	+	6878	126.8019	0	-0.46328	0.149211	-3.10488	0.002483	0.014192	1
ENSG0000 response	Inflamed	PHLDB2	protein_cc chr3	1.11E+08	1.12E+08	+	12109	447.4726	0.002387	-0.60711	0.195547	-3.10468	0.002484	0.014198	1
ENSG0000 response	Inflamed	GAPDHP14	pseudoger chr21	30594642	30595578	+	937	3.615752	0.410501	-0.52984	0.170665	-3.10455	0.002485	0.0142	1
ENSG0000 response	Inflamed	USB1	protein_cc chr16	58033450	58055522	+	7298	2823.955	0	-0.20765	0.066886	-3.1045	0.002486	0.0142	1
ENSG0000 response	Inflamed	GRIN3B	protein_cc chr19	1000418	1009731	+	3281	4.465394	0.267303	-0.52831	0.170187	-3.1043	0.002487	0.014205	1
ENSG0000 response	Inflamed	CCDC167	protein_cc chr6	37450696	37467698	-	619	296.3389	0	-0.43821	0.141176	-3.104	0.002489	0.014215	1
ENSG0000 response	Inflamed	LIPH	protein_cc chr3	1.85E+08	1.85E+08	-	4122	4190.971	0	0.739615	0.23833	3.10332	0.002495	0.014242	1
ENSG0000 response	Inflamed	C15orf26	protein_cc chr15	81299374	81441516	+	1979	5.460621	0.24821	-0.54732	0.176405	-3.10265	0.0025	0.014268	1
ENSG0000 response	Inflamed	MAP7D3	protein_cc chrX	1.35E+08	1.35E+08	-	7065	175.2673	0	-0.52626	0.169621	-3.10255	0.002501	0.014269	1
ENSG0000 response	Inflamed	ADAMTS14	protein_cc chr10	72432559	72522197	+	5269	875.7255	0	-0.51458	0.165966	-3.1005	0.002516	0.014356	1
ENSG0000 response	Inflamed	PIFO	protein_cc chr1	1.12E+08	1.12E+08	+	4261	13.38902	0.040573	-0.62292	0.200926	-3.10024	0.002518	0.014365	1
ENSG0000 response	Inflamed	FAM50A	protein_cc chrX	1.54E+08	1.54E+08	+	2567	1663.391	0	-0.16855	0.054376	-3.09972	0.002522	0.014385	1
ENSG0000 response	Inflamed	FXD2	protein_cc chr11	1.18E+08	1.18E+08	-	5595	16.37232	0.009547	-0.47569	0.153478	-3.0994	0.002525	0.014396	1
ENSG0000 response	Inflamed	SLFN5	protein_cc chr17	33570055	33600674	+	10709	1257.589	0	-0.72202	0.23296	-3.09932	0.002525	0.014396	1
ENSG0000 response	Inflamed	RP11-273E	antisense chr12	7281675	7283794	-	1179	5.410501	0.21957	-0.54348	0.175363	-3.09915	0.002527	0.0144	1
ENSG0000 response	Inflamed	B3GALT6	protein_cc chr1	1167629	1170421	+	2793	722.685	0	-0.27137	0.08757	-3.09894	0.002528	0.014405	1
ENSG0000 response	Inflamed	RP11-379k	antisense chr3	1.7E+08	1.7E+08	+	1781	36.18138	0.004773	0.620085	0.200098	3.098906	0.002529	0.014405	1
ENSG0000 response	Inflamed	CHAT	protein_cc chr10	50817141	50901925	+	3100	20.44153	0.214797	0.774822	0.25011	3.09793	0.002536	0.014445	1
ENSG0000 response	Inflamed	PTK7	protein_cc chr6	43044006	43129457	+	9024	2335.623	0	-0.56983	0.183949	-3.09775	0.002538	0.01445	1
ENSG0000 response	Inflamed	RP11-469l	antisense chr12	50345295	50356707	-	1574	3.353222	0.644391	-0.6981	0.225393	-3.09724	0.002542	0.014469	1
ENSG0000 response	Inflamed	VPS51	protein_cc chr11	64856796	64879332	+	4878	6538.914	0	0.252788	0.081642	3.096295	0.002549	0.014508	1
ENSG0000 response	Inflamed	CCDC88B	protein_cc chr11	64107695	64125006	+	8331	3875.611	0	-0.48995	0.15825	-3.09604	0.002551	0.014517	1
ENSG0000 response	Inflamed	AGPAT2	protein_cc chr9	1.4E+08	1.4E+08	-	1798	7915.365	0	0.418516	0.135204	3.095443	0.002556	0.01454	1
ENSG0000 response	Inflamed	NR4A3	protein_cc chr9	1.03E+08	1.03E+08	+	6314	301.5823	0.011933	-1.10996	0.35865	-3.09482	0.002561	0.014565	1
ENSG0000 response	Inflamed	RP11-685l	protein_cc chr2	90537839	90538397	-	384	1.806683	0.699284	-0.54465	0.175999	-3.09462	0.002562	0.01457	1
ENSG0000 response	Inflamed	MT-ND5	protein_cc chrM	12337	14148	+	1812	559923.9	0	0.358238	0.115775	3.094255	0.002565	0.014582	1
ENSG0000 response	Inflamed	TMEM254	protein_cc chr10	81838402	81852313	+	2996	1028.912	0	0.347449	0.11229	3.094223	0.002565	0.014582	1
ENSG0000 response	Inflamed	CTD-2020l	antisense chr17	43322553	43326203	-	1073	26.79475	0	0.390303	0.126144	3.094119	0.002566	0.014584	1
ENSG0000 response	Inflamed	GUCY2C	protein_cc chr12	14765576	14849519	-	4167	2425.296	0	0.798143	0.257995	3.093639	0.00257	0.014602	1
ENSG0000 response	Inflamed	ROM1	protein_cc chr11	62379194	62382592	+	2495	80.55847	0	-0.2699	0.087249	-3.09348	0.002571	0.014606	1
ENSG0000 response	Inflamed	C10orf71	protein_cc chr10	50507187	50535537	+	5467	4.329356	0.431981	-0.68709	0.222157	-3.09284	0.002576	0.014629	1
ENSG0000 response	Inflamed	HOXA6	protein_cc chr7	27185015	27190222	-	1285	230.8687	0.016706	0.714384	0.230981	3.092822	0.002576	0.014629	1
ENSG0000 response	Inflamed	SGK223	protein_cc chr8	8175258	8244008	-	4892	1724.205	0	0.513988	0.166206	3.092472	0.002579	0.01464	1
ENSG0000 response	Inflamed	CBLN3	protein_cc chr14	24895738	24900160	-	2562	208.9499	0	-0.53959	0.174488	-3.09244	0.002579	0.01464	1
ENSG0000 response	Inflamed	RNF208	protein_cc chr9	1.4E+08	1.4E+08	-	1142	135.0692	0	0.347169	0.112283	3.091921	0.002584	0.01466	1

ENSG0000 response	Inflamed	IGHV4-28	IG_V_gene	chr14	1.07E+08	1.07E+08	-	423	155.4463	0.01432	-0.95438	0.30871	-3.09152	0.002587	0.014675	1
ENSG0000 response	Inflamed	CNGA1	protein_cc	chr4	47937994	48018689	-	3581	82.36754	0.011933	0.735781	0.238017	3.091299	0.002588	0.014682	1
ENSG0000 response	Inflamed	MT-TI	Mt_tRNA	chrM	4263	4331	+	69	132.1504	0.004773	0.631025	0.204197	3.090274	0.002597	0.014725	1
ENSG0000 response	Inflamed	DPYD	protein_cc	chr1	97543299	98386605	-	6556	648.0621	0	-0.54463	0.176247	-3.09012	0.002598	0.014728	1
ENSG0000 response	Inflamed	AGR2	protein_cc	chr7	16831435	16873057	-	2845	35855.39	0	0.735173	0.237941	3.089731	0.002601	0.014743	1
ENSG0000 response	Inflamed	TMTC1	protein_cc	chr12	29653773	29937692	-	14636	627.6205	0	-0.72527	0.234747	-3.08957	0.002602	0.014747	1
ENSG0000 response	Inflamed	RASD2	protein_cc	chr22	35936915	35950048	+	3412	1118.21	0	0.462939	0.149842	3.089509	0.002603	0.014747	1
ENSG0000 response	Inflamed	RP11-529J	pseudoger	chr15	23675986	23680359	+	736	2.362768	0.446301	-0.43491	0.140812	-3.08857	0.00261	0.014782	1
ENSG0000 response	Inflamed	CTNS	protein_cc	chr17	3539762	3564836	+	3398	788.0692	0	-0.21285	0.068915	-3.08851	0.002611	0.014782	1
ENSG0000 response	Inflamed	C9orf3	protein_cc	chr9	97488983	97849441	+	11443	1097.63	0	-0.25819	0.083597	-3.08851	0.002611	0.014782	1
ENSG0000 response	Inflamed	RP11-88H	lincRNA	chr1	1.13E+08	1.13E+08	+	3590	40.01671	0.02148	-0.85391	0.276565	-3.08754	0.002618	0.014823	1
ENSG0000 response	Inflamed	OCRL	protein_cc	chrX	1.29E+08	1.29E+08	+	5779	2025.434	0	0.382983	0.124051	3.087317	0.00262	0.01483	1
ENSG0000 response	Inflamed	HOXA-AS4	antisense	chr7	27208238	27211534	+	1654	161.3198	0	0.321258	0.104071	3.086919	0.002623	0.014845	1
ENSG0000 response	Inflamed	ANKRD18L	pseudoger	chr3	1.98E+08	1.98E+08	-	3449	1.260143	0.694511	-0.36782	0.119156	-3.08686	0.002624	0.014845	1
ENSG0000 response	Inflamed	PODN	protein_cc	chr1	53527854	53551174	+	4770	699.179	0	-0.62819	0.203554	-3.08613	0.00263	0.014874	1
ENSG0000 response	Inflamed	RP11-353M	lincRNA	chr17	77797251	77801503	+	1788	3.042959	0.408115	0.402028	0.130271	3.086078	0.00263	0.014874	1
ENSG0000 response	Inflamed	TRAF3IP3	protein_cc	chr1	2.1E+08	2.1E+08	+	7753	803.6897	0	-0.63059	0.204346	-3.0859	0.002632	0.014879	1
ENSG0000 response	Inflamed	KNDC1	protein_cc	chr10	1.35E+08	1.35E+08	+	7991	25.60621	0.033413	-0.60164	0.194979	-3.08569	0.002633	0.014885	1
ENSG0000 response	Inflamed	RP11-665C	pseudoger	chr14	55707340	55707798	-	459	0.849642	0.787589	0.293926	0.095258	3.085595	0.002634	0.014886	1
ENSG0000 response	Inflamed	GJA9	protein_cc	chr1	39330175	39347289	-	3250	1.653938	0.582339	0.422796	0.137027	3.085502	0.002635	0.014887	1
ENSG0000 response	Inflamed	TRAPPC6A	protein_cc	chr19	45666186	45681495	-	933	431.5776	0	0.345451	0.111969	3.085247	0.002637	0.014896	1
ENSG0000 response	Inflamed	CDS1	protein_cc	chr4	85504132	85572491	+	4461	1747.351	0	0.650267	0.2108	3.084758	0.002641	0.014913	1
ENSG0000 response	Inflamed	DISP2	protein_cc	chr15	40650436	40663257	+	5171	827.5561	0	0.6215	0.201477	3.084724	0.002641	0.014913	1
ENSG0000 response	Inflamed	AC005220	antisense	chr20	52556699	52559047	+	884	1.902148	0.563246	-0.41472	0.134447	-3.08465	0.002642	0.014913	1
ENSG0000 response	Inflamed	GUCD1	protein_cc	chr22	24936406	24951903	-	4514	7168.158	0	0.242348	0.078567	3.084581	0.002642	0.014913	1
ENSG0000 response	Inflamed	TMEM88	protein_cc	chr17	7758383	7759417	+	875	95.45346	0	-0.36448	0.118188	-3.08391	0.002648	0.014938	1
ENSG0000 response	Inflamed	TRO	protein_cc	chrX	54946895	54957864	+	6716	230.4057	0	-0.53669	0.17403	-3.08389	0.002648	0.014938	1
ENSG0000 response	Inflamed	OSR1	protein_cc	chr2	19551246	19558414	-	5313	91.33174	0.00716	0.894934	0.29022	3.083636	0.00265	0.014947	1
ENSG0000 response	Inflamed	RP11-115k	antisense	chr17	36105206	36108563	+	660	22.98329	0.078759	0.801102	0.259798	3.083559	0.002651	0.014947	1
ENSG0000 response	Inflamed	DLGAP1-A	antisense	chr18	3593730	3598350	+	2105	201.6539	0	-0.35886	0.116384	-3.08343	0.002652	0.01495	1
ENSG0000 response	Inflamed	SNX30	protein_cc	chr9	1.16E+08	1.16E+08	+	11578	2144.167	0	0.570841	0.185146	3.083188	0.002654	0.014958	1
ENSG0000 response	Inflamed	TVP23A	protein_cc	chr16	10854776	10912651	-	5281	45.86396	0.009547	-0.5921	0.192053	-3.08302	0.002655	0.014962	1
ENSG0000 response	Inflamed	PEX11G	protein_cc	chr19	7541761	7562335	-	1466	156.1146	0	0.319343	0.103588	3.082812	0.002657	0.014969	1
ENSG0000 response	Inflamed	CTC-301O	lincRNA	chr19	49834874	49843865	-	830	21.95227	0.038186	-0.5417	0.175729	-3.0826	0.002658	0.014975	1
ENSG0000 response	Inflamed	RFX5	protein_cc	chr1	1.51E+08	1.51E+08	-	4586	1980.043	0	-0.36333	0.117869	-3.0825	0.002659	0.014976	1
ENSG0000 response	Inflamed	BICD2	protein_cc	chr9	95473645	95527094	-	6427	1429.916	0	-0.42479	0.137817	-3.08227	0.002661	0.014982	1
ENSG0000 response	Inflamed	SIDT2	protein_cc	chr11	1.17E+08	1.17E+08	+	9061	3715.702	0	0.271374	0.088044	3.082244	0.002661	0.014982	1
ENSG0000 response	Inflamed	AL136376	protein_cc	chr1	1.17E+08	1.17E+08	-	342	11.10024	0.062053	0.534737	0.17358	3.08063	0.002674	0.015053	1
ENSG0000 response	Inflamed	AP1M2	protein_cc	chr19	10683347	10697991	-	2214	3945.671	0	0.60081	0.195051	3.08027	0.002677	0.015066	1
ENSG0000 response	Inflamed	WDR78	protein_cc	chr1	67278568	67390570	-	6700	183.7828	0	0.681382	0.221218	3.080137	0.002679	0.015069	1

ENSG0000 response	Inflamed	RP11-567A	processed_chr18	77336460	77349010	+	6158	11.62291	0.097852	-0.64612	0.209774	-3.08008	0.002679	0.015069	1
ENSG0000 response	Inflamed	SUSD4	protein_cc chr1	2.23E+08	2.24E+08	-	4865	28.32936	0.00716	-0.67509	0.219212	-3.07963	0.002683	0.015086	1
ENSG0000 response	Inflamed	SDHB	protein_cc chr1	17345217	17380665	-	2462	2622.716	0	0.283935	0.092205	3.079388	0.002685	0.015094	1
ENSG0000 response	Inflamed	OXTR	protein_cc chr3	8792094	8811314	-	4514	16.17422	0.066826	-0.58795	0.190957	-3.07895	0.002688	0.015111	1
ENSG0000 response	Inflamed	SMIM10	protein_cc chrX	1.34E+08	1.34E+08	+	1534	64.69212	0.002387	-0.48333	0.157007	-3.07839	0.002693	0.015134	1
ENSG0000 response	Inflamed	RHOG	protein_cc chr11	3848208	3862213	-	1782	3598.527	0	-0.27396	0.089005	-3.07808	0.002695	0.015144	1
ENSG0000 response	Inflamed	IGHV1-3	IG_V_gene chr14	1.06E+08	1.06E+08	-	393	1978.205	0	-1.10285	0.358299	-3.07803	0.002696	0.015144	1
ENSG0000 response	Inflamed	COX4I1	protein_cc chr16	85832239	85840650	+	4792	9424.37	0	0.299675	0.097366	3.077815	0.002698	0.015151	1
ENSG0000 response	Inflamed	MGAT3	protein_cc chr22	39853349	39888199	+	5457	1357.587	0	-0.43127	0.140143	-3.0774	0.002701	0.015167	1
ENSG0000 response	Inflamed	AC147651	lincRNA chr7	560028	564869	+	3506	38.46539	0.002387	0.579835	0.188422	3.077322	0.002702	0.015167	1
ENSG0000 response	Inflamed	SLC25A1	protein_cc chr22	19163095	19166343	-	2089	4477.021	0	0.300777	0.097754	3.076885	0.002705	0.015184	1
ENSG0000 response	Inflamed	WARS	protein_cc chr14	1.01E+08	1.01E+08	-	6358	13094.11	0	-0.56179	0.182619	-3.07629	0.00271	0.015208	1
ENSG0000 response	Inflamed	GLDN	protein_cc chr15	51633826	51700210	+	7144	270.1193	0.00716	1.083227	0.352201	3.075589	0.002716	0.015238	1
ENSG0000 response	Inflamed	VNN1	protein_cc chr6	1.33E+08	1.33E+08	-	3106	994.7494	0	-1.14079	0.370947	-3.07533	0.002718	0.015246	1
ENSG0000 response	Inflamed	ZC3H10	protein_cc chr12	56511943	56516278	+	3444	274.5274	0	-0.24475	0.079608	-3.07451	0.002725	0.015282	1
ENSG0000 response	Inflamed	PYGB	protein_cc chr20	25228705	25278650	+	4474	21330.4	0	0.411058	0.133729	3.073819	0.002731	0.015311	1
ENSG0000 response	Inflamed	ABCC6	protein_cc chr16	16242785	16317379	-	7559	627.2625	0	0.597936	0.194544	3.073525	0.002733	0.015321	1
ENSG0000 response	Inflamed	CBFA2T2	protein_cc chr20	32077881	32237842	+	9457	2558.444	0	0.387704	0.12615	3.073349	0.002735	0.015326	1
ENSG0000 response	Inflamed	KPNA2	protein_cc chr17	66031635	66042958	+	3140	2209.711	0	-0.37471	0.121931	-3.07313	0.002736	0.015333	1
ENSG0000 response	Inflamed	C6orf1	protein_cc chr6	34214157	34217247	-	2229	300.7041	0	-0.34813	0.113337	-3.07167	0.002749	0.015398	1
ENSG0000 response	Inflamed	FAM177B	protein_cc chr1	2.23E+08	2.23E+08	+	2601	252.4057	0	0.640511	0.208555	3.071184	0.002753	0.015418	1
ENSG0000 response	Inflamed	CYP4F25P	pseudoger chr9	69477881	69478916	+	520	2.322196	0.546539	0.418609	0.136314	3.070918	0.002755	0.015426	1
ENSG0000 response	Inflamed	UGT2B29P	pseudoger chr4	69375159	69383365	-	973	2.627685	0.548926	0.434472	0.141481	3.070879	0.002755	0.015426	1
ENSG0000 response	Inflamed	NRM	protein_cc chr6	30655824	30659197	-	2018	483.9547	0	-0.33998	0.110719	-3.07066	0.002757	0.015433	1
ENSG0000 response	Inflamed	OR1J2	protein_cc chr9	1.25E+08	1.25E+08	+	942	0.988067	0.799523	-0.37313	0.12152	-3.07052	0.002758	0.015436	1
ENSG0000 response	Inflamed	RP11-449I	lincRNA chr18	22305745	22509040	+	908	3.398568	0.386635	0.482586	0.157182	3.070247	0.002761	0.015446	1
ENSG0000 response	Inflamed	C4orf26	protein_cc chr4	76481258	76491095	+	2054	4.26969	0.279236	-0.56668	0.184579	-3.07012	0.002762	0.015448	1
ENSG0000 response	Inflamed	TMEM140	protein_cc chr7	1.35E+08	1.35E+08	+	2313	973.6778	0	-0.36982	0.120468	-3.06984	0.002764	0.015458	1
ENSG0000 response	Inflamed	GRIN2A	protein_cc chr16	9852376	10276611	-	10632	25.55847	0.066826	0.735353	0.239556	3.069648	0.002766	0.015464	1
ENSG0000 response	Inflamed	PNMA6C	protein_cc chrX	1.52E+08	1.52E+08	+	2253	2.682578	0.400955	-0.48228	0.157133	-3.06927	0.002769	0.015479	1
ENSG0000 response	Inflamed	PLEKHH1	protein_cc chr14	68000018	68056329	+	10817	3367.938	0	0.735184	0.23956	3.068888	0.002772	0.015493	1
ENSG0000 response	Inflamed	C2CD2	protein_cc chr21	43305221	43373999	-	8602	1258.193	0	-0.4762	0.155243	-3.06742	0.002785	0.015556	1
ENSG0000 response	Inflamed	RP11-524I	antisense chr6	54704916	54705653	-	586	11.46062	0.095465	0.524182	0.170913	3.066954	0.002789	0.015579	1
ENSG0000 response	Inflamed	NADSYN1	protein_cc chr11	71164155	71235153	+	14970	5329.783	0	0.239477	0.078133	3.065006	0.002805	0.015668	1
ENSG0000 response	Inflamed	DAB1	protein_cc chr1	57460451	59012406	-	7846	53.3031	0.0358	-0.88297	0.288092	-3.06489	0.002806	0.015567	1
ENSG0000 response	Inflamed	MOV10L1	protein_cc chr22	50528308	50600119	+	6872	29.83532	0.088305	-0.87581	0.285765	-3.06481	0.002807	0.015671	1
ENSG0000 response	Inflamed	JAKMIP2	protein_cc chr5	1.47E+08	1.47E+08	-	6214	28.7852	0.023866	-0.57004	0.186024	-3.06432	0.002811	0.015685	1
ENSG0000 response	Inflamed	AC013460	processed_chr2	7561392	7590385	+	3239	3.770883	0.341289	-0.45398	0.14815	-3.06431	0.002811	0.015685	1
ENSG0000 response	Inflamed	BARX2	protein_cc chr11	1.29E+08	1.29E+08	+	4411	779.5274	0.002387	0.629729	0.205507	3.064272	0.002812	0.015685	1
ENSG0000 response	Inflamed	FGFR1	protein_cc chr8	38268656	38326352	-	12698	2406.446	0	-0.6095	0.198909	-3.06423	0.002812	0.015685	1

ENSG0000 response	Inflamed	RERG	protein_cc chr12	15260717	15501609	-	4157	111.6993	0.002387	-0.68907	0.224923	-3.06358	0.002817	0.015713	1
ENSG0000 response	Inflamed	SCTR	protein_cc chr2	1.2E+08	1.2E+08	-	2900	3.389021	0.441527	0.552757	0.180438	3.063423	0.002819	0.015716	1
ENSG0000 response	Inflamed	RP11-362F	lincRNA chr4	1.42E+08	1.42E+08	-	3750	5.01432	0.405728	-0.58754	0.191796	-3.06336	0.002819	0.015716	1
ENSG0000 response	Inflamed	CISD3	protein_cc chr17	36886488	36891297	+	2663	2087.795	0	0.347093	0.113307	3.063301	0.00282	0.015716	1
ENSG0000 response	Inflamed	PYGL	protein_cc chr14	51324609	51411454	-	4798	1458.365	0	-0.41229	0.134614	-3.06274	0.002825	0.015737	1
ENSG0000 response	Inflamed	RP11-598F	antisense chr12	215690	221016	-	586	2.190931	0.544153	-0.4362	0.142423	-3.06273	0.002825	0.015737	1
ENSG0000 response	Inflamed	RP11-344E	lincRNA chr9	1.32E+08	1.32E+08	+	583	21.49165	0.01432	-0.46394	0.151483	-3.06263	0.002826	0.015738	1
ENSG0000 response	Inflamed	CLEC11A	protein_cc chr19	51226586	51228974	+	1468	529.8091	0	-0.50177	0.163848	-3.0624	0.002828	0.015746	1
ENSG0000 response	Inflamed	FDXACB1	protein_cc chr11	1.12E+08	1.12E+08	-	3551	66.28401	0	-0.33699	0.110067	-3.06164	0.002834	0.015779	1
ENSG0000 response	Inflamed	SEPHS1P1	pseudoger chr7	64312775	64313732	-	958	1.004773	0.739857	-0.29901	0.097671	-3.06138	0.002836	0.015788	1
ENSG0000 response	Inflamed	RP5-1031C	lincRNA chr10	7487520	7513904	-	557	3.868735	0.331742	-0.57511	0.187867	-3.06129	0.002837	0.01579	1
ENSG0000 response	Inflamed	SLC22A17	protein_cc chr14	23815515	23822121	-	4278	540.5967	0	-0.51333	0.167702	-3.06095	0.00284	0.015803	1
ENSG0000 response	Inflamed	CDH3	protein_cc chr16	68670092	68756519	+	5009	1551.47	0.004773	-1.14777	0.374989	-3.06079	0.002841	0.015807	1
ENSG0000 response	Inflamed	BTLA	protein_cc chr3	1.12E+08	1.12E+08	-	3697	75.98329	0.002387	-0.65537	0.214138	-3.0605	0.002844	0.015817	1
ENSG0000 response	Inflamed	CLCF1	protein_cc chr11	67131639	67141648	-	1986	301.3461	0	-0.55255	0.180611	-3.05937	0.002854	0.015869	1
ENSG0000 response	Inflamed	RP11-345F	antisense chr1	1549138	1551175	-	2038	229.7709	0	0.276274	0.090313	3.059086	0.002856	0.015879	1
ENSG0000 response	Inflamed	MADCAM1	protein_cc chr19	489176	505347	+	2441	733.2697	0	-0.89942	0.294027	-3.05895	0.002857	0.015882	1
ENSG0000 response	Inflamed	RP11-1191	antisense chr4	654998	655734	-	737	12.63007	0.064439	-0.54657	0.178681	-3.05888	0.002858	0.015882	1
ENSG0000 response	Inflamed	ADAMTSL2	protein_cc chr1	1.51E+08	1.51E+08	+	6393	741.6611	0	-0.62164	0.203237	-3.05867	0.00286	0.015883	1
ENSG0000 response	Inflamed	PALD1	protein_cc chr10	72238577	72328205	+	4555	534.0239	0.004773	-0.49881	0.163308	-3.05866	0.00286	0.015883	1
ENSG0000 response	Inflamed	ERMN	protein_cc chr2	1.58E+08	1.58E+08	-	4395	52.48926	0.031026	-0.88974	0.290893	-3.05865	0.00286	0.015883	1
ENSG0000 response	Inflamed	NTN1	protein_cc chr17	8924859	9147317	+	6431	1096.033	0.002387	-0.86441	0.28263	-3.05846	0.002862	0.015889	1
ENSG0000 response	Inflamed	ABCG4	protein_cc chr11	1.19E+08	1.19E+08	+	6268	17.40334	0.033413	-0.54313	0.1776	-3.05817	0.002864	0.0159	1
ENSG0000 response	Inflamed	ERN2	protein_cc chr16	23701647	23724821	-	4998	6081.905	0	0.680822	0.222629	3.0581	0.002865	0.0159	1
ENSG0000 response	Inflamed	FLNA	protein_cc chrX	1.54E+08	1.54E+08	-	10585	30348.32	0	-0.64786	0.211858	-3.05799	0.002866	0.015902	1
ENSG0000 response	Inflamed	HUG1	protein_cc chr10	1.03E+08	1.03E+08	+	1089	2.770883	0.486874	0.485318	0.158715	3.057788	0.002868	0.015908	1
ENSG0000 response	Inflamed	TMC8	protein_cc chr17	76126851	76139049	+	5459	1834.683	0	-0.53793	0.175927	-3.05766	0.002869	0.015911	1
ENSG0000 response	Inflamed	RAB3IL1	protein_cc chr11	61664773	61687741	-	3006	465.2816	0	-0.48941	0.160067	-3.05755	0.00287	0.015912	1
ENSG0000 response	Inflamed	ASGR1	protein_cc chr17	7076750	7082883	-	3748	31.24344	0.002387	-0.44262	0.144764	-3.05751	0.00287	0.015912	1
ENSG0000 response	Inflamed	FGFR4	protein_cc chr5	1.77E+08	1.77E+08	+	4829	2333.959	0	0.413326	0.135209	3.056946	0.002875	0.015935	1
ENSG0000 response	Inflamed	POLRMTP1	pseudoger chr17	60214333	60218000	-	3668	100.5943	0.002387	0.551633	0.180455	3.0569	0.002875	0.015935	1
ENSG0000 response	Inflamed	OR7E91P	pseudoger chr2	71256158	71257023	+	866	3.627685	0.513126	0.415086	0.135824	3.056055	0.002883	0.015972	1
ENSG0000 response	Inflamed	VWA5B1	protein_cc chr1	20617412	20681387	+	6377	12.77804	0.212411	0.657467	0.215181	3.055421	0.002888	0.016	1
ENSG0000 response	Inflamed	CCDC80	protein_cc chr3	1.12E+08	1.12E+08	-	5305	1488.926	0	-0.8158	0.267018	-3.05523	0.00289	0.016006	1
ENSG0000 response	Inflamed	SMPDL3A	protein_cc chr6	1.23E+08	1.23E+08	+	2228	2417.757	0	0.52204	0.170896	3.054715	0.002895	0.016027	1
ENSG0000 response	Inflamed	CEBPA-AS1	antisense chr19	33793763	33795960	+	2198	54.52745	0.002387	0.482623	0.157996	3.054664	0.002895	0.016027	1
ENSG0000 response	Inflamed	DRC1	protein_cc chr2	26624784	26679579	+	3048	1.708831	0.630072	-0.39697	0.129965	-3.05447	0.002897	0.016033	1
ENSG0000 response	Inflamed	ARPC1A	protein_cc chr7	98923521	98985787	+	2557	4597.647	0	0.232511	0.076124	3.054393	0.002897	0.016033	1
ENSG0000 response	Inflamed	AC093484	processed_chr17	16330788	16332033	+	477	2.976134	0.365155	-0.47152	0.154383	-3.05425	0.002899	0.016037	1
ENSG0000 response	Inflamed	RP11-401C	antisense chr17	10223709	10244775	+	641	0.804296	0.794749	-0.34553	0.113136	-3.05415	0.0029	0.016038	1

ENSG0000 response	Inflamed	CXCL16	protein_cc chr17	4636821	4643217	-	2794	3906.697	0	-0.34842	0.114088	-3.05398	0.002901	0.016043	1
ENSG0000 response	Inflamed	STON1	protein_cc chr2	48756522	48826025	+	8082	186.5442	0.002387	-0.58295	0.19092	-3.0534	0.002906	0.016068	1
ENSG0000 response	Inflamed	KLHL22	protein_cc chr22	20783528	20850170	-	5112	673.3986	0	-0.26804	0.087793	-3.05314	0.002908	0.016077	1
ENSG0000 response	Inflamed	SYT13	protein_cc chr11	45261852	45307870	-	5424	2066.952	0	0.600659	0.196754	3.052837	0.002911	0.016089	1
ENSG0000 response	Inflamed	RP11-2271	lincRNA chr15	48938148	48944213	+	1943	2.486874	0.429594	-0.45796	0.150016	-3.05274	0.002912	0.01609	1
ENSG0000 response	Inflamed	GSC	protein_cc chr14	95234553	95236562	-	1259	5.51074	0.341289	-0.60998	0.199818	-3.05268	0.002913	0.01609	1
ENSG0000 response	Inflamed	DLEU1	protein_cc chr13	50656307	51297372	+	9926	137.0286	0	0.346648	0.113584	3.051904	0.002919	0.016124	1
ENSG0000 response	Inflamed	RAMP1	protein_cc chr2	2.39E+08	2.39E+08	+	1234	192.2005	0	-0.74601	0.244453	-3.05176	0.002921	0.016128	1
ENSG0000 response	Inflamed	RP11-4660	lincRNA chr11	63534816	63536113	-	369	5.257757	0.176611	-0.48251	0.158122	-3.05153	0.002923	0.016133	1
ENSG0000 response	Inflamed	POLN	protein_cc chr4	2073645	2243848	-	7721	37.3389	0.016706	-0.58935	0.193134	-3.05152	0.002923	0.016133	1
ENSG0000 response	Inflamed	H19	processed_chr11	2016406	2022700	-	2812	672.0859	0.004773	-1.08328	0.355015	-3.05135	0.002924	0.016138	1
ENSG0000 response	Inflamed	CTD-2024	lincRNA chr5	34651562	34651993	-	432	1.431981	0.663484	-0.43302	0.14192	-3.05112	0.002926	0.016146	1
ENSG0000 response	Inflamed	AC002055	pseudoger chr22	51195376	51239737	+	4250	133.4153	0	-0.29201	0.095716	-3.05073	0.00293	0.016162	1
ENSG0000 response	Inflamed	HIST1H3H	protein_cc chr6	27777842	27778314	+	473	38.63007	0.004773	0.480105	0.157381	3.050597	0.002931	0.016165	1
ENSG0000 response	Inflamed	ZNF366	protein_cc chr5	71738479	71803554	-	3975	197.8759	0.009547	-0.63225	0.207294	-3.05004	0.002936	0.016189	1
ENSG0000 response	Inflamed	RP11-2041	lincRNA chr9	41961615	42019580	-	1890	9.045346	0.114558	0.504978	0.165573	3.049883	0.002937	0.016193	1
ENSG0000 response	Inflamed	EFCAB5	protein_cc chr17	28256218	28435470	+	6928	21.24344	0.01432	0.5366	0.175981	3.049195	0.002944	0.016224	1
ENSG0000 response	Inflamed	RP4-740C	processed_chr1	2281853	2284259	-	2407	90.20048	0.002387	0.46695	0.153161	3.048759	0.002947	0.016242	1
ENSG0000 response	Inflamed	PIP5K1B	protein_cc chr9	71320575	71624092	+	4673	2190.625	0	0.53457	0.175354	3.048526	0.00295	0.01625	1
ENSG0000 response	Inflamed	ECHS1	protein_cc chr10	1.35E+08	1.35E+08	-	1617	6080.167	0	0.279324	0.091634	3.04824	0.002952	0.016258	1
ENSG0000 response	Inflamed	RP3-462E2	lincRNA chr12	1.12E+08	1.12E+08	+	571	29.61337	0.033413	0.697814	0.228925	3.048218	0.002952	0.016258	1
ENSG0000 response	Inflamed	TKT	protein_cc chr3	53258723	53290068	-	9507	9892.785	0	-0.22603	0.074157	-3.04807	0.002954	0.01626	1
ENSG0000 response	Inflamed	RP11-815J	pseudoger chr18	12067172	12068416	-	1148	2.205251	0.415274	-0.34733	0.113952	-3.04805	0.002954	0.01626	1
ENSG0000 response	Inflamed	SNAP25	protein_cc chr20	10199478	10288066	+	3357	38.1432	0.011933	-0.64462	0.211493	-3.04796	0.002955	0.016261	1
ENSG0000 response	Inflamed	KRT8P30	pseudoger chr2	2.2E+08	2.2E+08	-	650	0.789976	0.789976	0.236287	0.077537	3.047402	0.00296	0.016285	1
ENSG0000 response	Inflamed	MT1H	protein_cc chr16	56703726	56705041	+	723	317.8496	0	0.925956	0.303916	3.04675	0.002966	0.016314	1
ENSG0000 response	Inflamed	TRIM3	protein_cc chr11	6469843	6495689	-	6710	1498.723	0	0.367071	0.120524	3.045621	0.002976	0.016366	1
ENSG0000 response	Inflamed	HPDL	protein_cc chr1	45792545	45794347	+	1803	261.2601	0	0.513767	0.168705	3.045365	0.002978	0.016376	1
ENSG0000 response	Inflamed	EIF4EBP2	protein_cc chr10	72164135	72188374	+	7257	10725.23	0	0.327499	0.107564	3.044695	0.002984	0.016406	1
ENSG0000 response	Inflamed	RP11-368J	pseudoger chr16	22557019	22588186	+	2661	6.582339	0.085919	-0.46681	0.153337	-3.04433	0.002987	0.01642	1
ENSG0000 response	Inflamed	HIST1H2B	protein_cc chr6	26251879	26252303	+	425	37.38425	0	0.453332	0.148928	3.043975	0.002991	0.016435	1
ENSG0000 response	Inflamed	CHRNA6	protein_cc chr8	42607763	42651535	-	2596	5.520286	0.346062	-0.60862	0.2	-3.04308	0.002999	0.016476	1
ENSG0000 response	Inflamed	CDR2L	protein_cc chr17	72983727	73001895	+	3536	639.2005	0	-0.56297	0.185025	-3.0427	0.003002	0.016492	1
ENSG0000 response	Inflamed	TEX19	protein_cc chr17	80317123	80321652	+	1936	1.396181	0.651551	-0.39897	0.131129	-3.04261	0.003003	0.016493	1
ENSG0000 response	Inflamed	RASGRP1	protein_cc chr15	38780304	38857776	-	6090	315.9451	0.002387	-0.69357	0.227962	-3.04249	0.003004	0.016495	1
ENSG0000 response	Inflamed	COA3	protein_cc chr17	40947165	40950722	-	1922	1671.179	0	0.303931	0.09992	3.041748	0.003011	0.016529	1
ENSG0000 response	Inflamed	SDCBP2	protein_cc chr20	1290619	1309883	-	2044	7207.637	0	0.559855	0.184065	3.041616	0.003012	0.016531	1
ENSG0000 response	Inflamed	RP1-134E1	sense_intr chr6	1.07E+08	1.07E+08	+	454	3.73747	0.374702	-0.49279	0.162018	-3.04156	0.003013	0.016531	1
ENSG0000 response	Inflamed	BLK	protein_cc chr8	11351510	11422113	+	4803	403.2458	0.002387	-0.91105	0.299543	-3.04145	0.003014	0.016533	1
ENSG0000 response	Inflamed	RP11-284	antisense chr12	20514666	20523196	-	525	3.381862	0.322196	0.404055	0.132864	3.041106	0.003017	0.016547	1

ENSG0000 response	Inflamed	SIRT2	protein_cc chr19	39369197	39390502	-	6204	2065.757	0	-0.17137	0.056357	-3.04088	0.003019	0.016555	1
ENSG0000 response	Inflamed	ECHDC2	protein_cc chr1	53361656	53392884	-	11498	2735.37	0	0.46084	0.151554	3.040766	0.00302	0.016558	1
ENSG0000 response	Inflamed	STAT5B	protein_cc chr17	40351186	40428725	-	6447	3587.181	0	-0.3373	0.110956	-3.03995	0.003027	0.016595	1
ENSG0000 response	Inflamed	SLC12A5	protein_cc chr20	44650356	44688784	+	7520	25.78043	0	-0.46465	0.152968	-3.03758	0.003049	0.016711	1
ENSG0000 response	Inflamed	CTD-2517I	antisense chr8	1.46E+08	1.46E+08	+	338	32.14558	0.016706	0.430411	0.141721	3.037033	0.003054	0.016736	1
ENSG0000 response	Inflamed	PHF21B	protein_cc chr22	45277042	45405880	-	5753	5.009547	0.26253	-0.55626	0.183175	-3.03674	0.003057	0.016747	1
ENSG0000 response	Inflamed	RP11-355I	sense_ove chr14	62577593	62579268	+	1676	1.112172	0.727924	-0.36609	0.120558	-3.03663	0.003058	0.016747	1
ENSG0000 response	Inflamed	ADM	protein_cc chr11	10326227	10328944	+	2718	2536.186	0	-0.56522	0.186137	-3.0366	0.003058	0.016747	1
ENSG0000 response	Inflamed	SCN1B	protein_cc chr19	35521588	35531352	+	4625	221.1074	0	-0.53117	0.174926	-3.03652	0.003059	0.016747	1
ENSG0000 response	Inflamed	PHF21A	protein_cc chr11	45950871	46142985	-	11449	1441.186	0	-0.40079	0.131996	-3.03635	0.003061	0.016753	1
ENSG0000 response	Inflamed	RP11-247L	lincRNA chr14	50863731	50865063	+	501	4.183771	0.22673	0.422348	0.139114	3.035983	0.003064	0.016768	1
ENSG0000 response	Inflamed	NRIP2	protein_cc chr12	2934514	2944710	-	2803	151.8616	0.004773	-0.63463	0.209043	-3.03587	0.003065	0.01677	1
ENSG0000 response	Inflamed	AC002511	lincRNA chr19	35923859	35925544	-	1000	62.52267	0.009547	0.631852	0.208156	3.035474	0.003069	0.016787	1
ENSG0000 response	Inflamed	SLC25A38	protein_cc chr3	39424839	39438842	+	2151	1532.148	0	0.210361	0.069304	3.035343	0.00307	0.01679	1
ENSG0000 response	Inflamed	C8orf48	protein_cc chr8	13424352	13425796	+	1445	8.322196	0.064439	-0.48596	0.16011	-3.03515	0.003072	0.016796	1
ENSG0000 response	Inflamed	SLC26A6	protein_cc chr3	48663156	48672926	-	6373	3176.695	0	0.350683	0.115581	3.034088	0.003082	0.016847	1
ENSG0000 response	Inflamed	AC104655	lincRNA chr2	1.06E+08	1.06E+08	+	1009	2.770883	0.400955	0.429349	0.141541	3.033388	0.003088	0.016879	1
ENSG0000 response	Inflamed	APPL2	protein_cc chr12	1.06E+08	1.06E+08	-	5124	3958.251	0	0.501455	0.165339	3.032882	0.003093	0.016901	1
ENSG0000 response	Inflamed	ANTXR1	protein_cc chr2	69240310	69476459	+	8185	3473.363	0	-0.56387	0.185955	-3.03229	0.003099	0.016928	1
ENSG0000 response	Inflamed	DHRS4L2	protein_cc chr14	24439148	24475617	+	2902	648.4773	0	0.227512	0.07504	3.031861	0.003103	0.016941	1
ENSG0000 response	Inflamed	IQCG	protein_cc chr3	1.98E+08	1.98E+08	-	7474	187.7088	0	-0.4188	0.138132	-3.03185	0.003103	0.016941	1
ENSG0000 response	Inflamed	LINC00365	lincRNA chr13	30677315	30683012	-	2998	12.30788	0.090692	0.634246	0.209196	3.031835	0.003103	0.016941	1
ENSG0000 response	Inflamed	GPRC5B	protein_cc chr16	19868616	19897489	-	6064	785.6587	0	-0.55458	0.182924	-3.03174	0.003104	0.016943	1
ENSG0000 response	Inflamed	ADCY3	protein_cc chr2	25042038	25142708	-	6058	2077.153	0	-0.38315	0.126445	-3.03017	0.003118	0.01702	1
ENSG0000 response	Inflamed	PPFIBP2	protein_cc chr11	7534529	7678358	+	9617	1794.48	0	0.334608	0.110441	3.029759	0.003122	0.017037	1
ENSG0000 response	Inflamed	SLC23A1	protein_cc chr5	1.39E+08	1.39E+08	-	3203	220.5776	0	0.65969	0.21778	3.029161	0.003128	0.017062	1
ENSG0000 response	Inflamed	CTD-2278I	sense_intr chr19	17407005	17407504	-	500	6.515513	0.143198	-0.44211	0.145951	-3.02913	0.003128	0.017062	1
ENSG0000 response	Inflamed	SPCS2	protein_cc chr11	74660292	74690076	+	2979	2037.351	0	-0.31175	0.10292	-3.02904	0.003129	0.017062	1
ENSG0000 response	Inflamed	NID1	protein_cc chr1	2.36E+08	2.36E+08	-	5864	6265.389	0	-0.61915	0.204407	-3.029	0.00313	0.017062	1
ENSG0000 response	Inflamed	COX7B	protein_cc chrX	77154935	77162870	+	3024	2913.995	0	0.379871	0.125418	3.028844	0.003131	0.017067	1
ENSG0000 response	Inflamed	LMAN2	protein_cc chr5	1.77E+08	1.77E+08	-	2357	6333.258	0	-0.16966	0.056022	-3.02842	0.003135	0.017085	1
ENSG0000 response	Inflamed	CKLF	protein_cc chr16	66586466	66600154	+	1161	275.2196	0	-0.38018	0.125555	-3.02801	0.003139	0.017103	1
ENSG0000 response	Inflamed	CRYBB1	protein_cc chr22	26995242	27014052	-	1102	13.45107	0.016706	-0.49702	0.164172	-3.0274	0.003145	0.017131	1
ENSG0000 response	Inflamed	CCDC33	protein_cc chr15	74509613	74628813	+	5275	2.193317	0.470167	0.365972	0.120912	3.026758	0.003151	0.017161	1
ENSG0000 response	Inflamed	AC096677	protein_cc chr1	2.02E+08	2.02E+08	+	726	19.02864	0.050119	-0.55563	0.183585	-3.02655	0.003153	0.017168	1
ENSG0000 response	Inflamed	SCN11A	protein_cc chr3	38887260	38992052	-	7705	15.93795	0.066826	-0.67923	0.224433	-3.02642	0.003154	0.017171	1
ENSG0000 response	Inflamed	FAM3A	protein_cc chrX	1.54E+08	1.54E+08	-	6240	2142.458	0	0.205911	0.068052	3.025799	0.00316	0.017198	1
ENSG0000 response	Inflamed	SNX18	protein_cc chr5	53813589	53842415	+	6652	875.8735	0	-0.45595	0.150691	-3.02577	0.00316	0.017198	1
ENSG0000 response	Inflamed	CRAT	protein_cc chr9	1.32E+08	1.32E+08	-	3803	3977.907	0	0.333879	0.110352	3.025592	0.003162	0.017203	1
ENSG0000 response	Inflamed	CYP2W1	protein_cc chr7	1022835	1029276	+	2773	84.33652	0.026253	1.113243	0.367995	3.025161	0.003166	0.017222	1

ENSG0000 response	Inflamed	TRPC6	protein_cc chr11	1.01E+08	1.02E+08	-	5537	130.7184	0.002387	-0.7039	0.23272	-3.02468	0.003171	0.017244	1
ENSG0000 response	Inflamed	MYO5B	protein_cc chr18	47349183	47721463	-	10490	7266.301	0	0.547794	0.181159	3.023825	0.003179	0.017285	1
ENSG0000 response	Inflamed	GHITM	protein_cc chr10	85899196	85913001	+	2128	7557.444	0	0.296579	0.098095	3.023382	0.003183	0.017304	1
ENSG0000 response	Inflamed	RASEF	protein_cc chr9	85594500	85678092	-	6649	1798.592	0	0.789003	0.261027	3.022687	0.00319	0.017337	1
ENSG0000 response	Inflamed	TBKBP1	protein_cc chr17	45771447	45789416	+	4280	406.611	0	-0.51005	0.168749	-3.02252	0.003191	0.017342	1
ENSG0000 response	Inflamed	C17orf99	protein_cc chr17	76142434	76162258	+	2763	7.198091	0.176611	-0.56564	0.187146	-3.02244	0.003192	0.017343	1
ENSG0000 response	Inflamed	LNX2	protein_cc chr13	28120050	28194541	-	4625	1128.444	0	0.495827	0.16407	3.022042	0.003196	0.01736	1
ENSG0000 response	Inflamed	RP11-432I	antisense chr16	71657611	71660719	-	465	9.522673	0.100239	0.509174	0.168493	3.021925	0.003197	0.017363	1
ENSG0000 response	Inflamed	HRCT1	protein_cc chr9	35906189	35907138	+	950	598.8807	0	0.731474	0.242082	3.0216	0.0032	0.017376	1
ENSG0000 response	Inflamed	TBX15	protein_cc chr1	1.19E+08	1.2E+08	-	3806	16.06683	0.157518	-0.82522	0.273117	-3.0215	0.003201	0.017378	1
ENSG0000 response	Inflamed	RP11-404F	antisense chr1	1.61E+08	1.61E+08	+	1933	12.56563	0.100239	-0.68822	0.22778	-3.02141	0.003202	0.017379	1
ENSG0000 response	Inflamed	BSG	protein_cc chr19	571297	583493	+	3770	35587.35	0	0.286991	0.094999	3.020997	0.003206	0.017397	1
ENSG0000 response	Inflamed	C19orf66	protein_cc chr19	10196798	10203928	+	4341	1549.747	0	-0.27866	0.092242	-3.02094	0.003207	0.017397	1
ENSG0000 response	Inflamed	CD248	protein_cc chr11	66081958	66084515	-	2558	1297.298	0	-0.7804	0.258341	-3.0208	0.003208	0.0174	1
ENSG0000 response	Inflamed	RP11-203J	processed_chr9	1.31E+08	1.31E+08	-	1160	107.1814	0.01432	0.877767	0.290593	3.020608	0.00321	0.017407	1
ENSG0000 response	Inflamed	MIR378I	miRNA chr22	42319226	42319301	-	76	20.28878	0.136038	-0.77968	0.258126	-3.02054	0.003211	0.017407	1
ENSG0000 response	Inflamed	TRIM50	protein_cc chr7	72726535	72742085	-	2490	10.15036	0.078759	0.584529	0.193529	3.020377	0.003212	0.017411	1
ENSG0000 response	Inflamed	RP11-588I	antisense chr12	70861860	70932859	+	2407	18.01193	0.047733	-0.65414	0.216578	-3.02032	0.003213	0.017411	1
ENSG0000 response	Inflamed	GNB1L	protein_cc chr22	19770747	19842462	-	6988	151.3174	0	-0.30863	0.10219	-3.02019	0.003214	0.017413	1
ENSG0000 response	Inflamed	RP11-731F	lincRNA chr14	1.06E+08	1.06E+08	-	1003	5.942721	0.303103	-0.66161	0.219064	-3.02016	0.003214	0.017413	1
ENSG0000 response	Inflamed	HEYL	protein_cc chr1	40089825	40105617	-	3750	345.9928	0.002387	-0.63792	0.211268	-3.01947	0.003221	0.017445	1
ENSG0000 response	Inflamed	SDF2L1	protein_cc chr22	21996550	21998587	+	1099	1467.002	0	-0.39852	0.132033	-3.01834	0.003232	0.017501	1
ENSG0000 response	Inflamed	CX3CR1	protein_cc chr3	39304985	39323226	-	3655	110.6897	0.004773	-0.65835	0.218186	-3.01737	0.003241	0.017549	1
ENSG0000 response	Inflamed	RPSAP9	pseudoger chr9	79013615	79014502	+	888	41.62053	0	0.343922	0.114009	3.016631	0.003249	0.017584	1
ENSG0000 response	Inflamed	TRPC7-AS1	antisense chr5	1.36E+08	1.36E+08	+	460	38.10024	0.019093	0.630948	0.209171	3.016424	0.003251	0.017592	1
ENSG0000 response	Inflamed	SEC14L2	protein_cc chr22	30792846	30821305	+	5984	215.2411	0	-0.59216	0.196321	-3.01629	0.003252	0.017595	1
ENSG0000 response	Inflamed	EN2	protein_cc chr7	1.55E+08	1.55E+08	+	3395	1.625298	0.622912	-0.45584	0.151145	-3.0159	0.003256	0.017612	1
ENSG0000 response	Inflamed	RP11-428J	lincRNA chr6	5030206	5043683	+	1489	34.50119	0.002387	-0.30628	0.101563	-3.01568	0.003258	0.017621	1
ENSG0000 response	Inflamed	CD3G	protein_cc chr11	1.18E+08	1.18E+08	+	3836	239.0525	0.002387	-0.51516	0.170835	-3.01552	0.00326	0.017622	1
ENSG0000 response	Inflamed	CTD-2611C	sense_intr chr19	56220529	56220899	+	371	5.374702	0.288783	0.539042	0.178756	3.015515	0.00326	0.017622	1
ENSG0000 response	Inflamed	PCDH19	protein_cc chrX	99546642	99665271	-	9756	277.6897	0.002387	0.793141	0.263054	3.015132	0.003263	0.017639	1
ENSG0000 response	Inflamed	PIAS3	protein_cc chr1	1.46E+08	1.46E+08	+	4805	1193.344	0	-0.28701	0.095192	-3.01505	0.003264	0.01764	1
ENSG0000 response	Inflamed	RP11-434I	pseudoger chr17	20458284	20462723	-	739	1.064439	0.74463	0.296722	0.098416	3.01497	0.003265	0.01764	1
ENSG0000 response	Inflamed	VWA3B	protein_cc chr2	98703579	98929762	+	8307	65.66587	0.002387	0.434925	0.144286	3.014325	0.003271	0.017671	1
ENSG0000 response	Inflamed	PHF1	protein_cc chr6	33378176	33384230	+	3596	1883.363	0	-0.29764	0.098756	-3.01388	0.003276	0.01769	1
ENSG0000 response	Inflamed	RP11-748I	pseudoger chr11	1.01E+08	1.01E+08	+	2371	1.584726	0.603819	-0.39635	0.131509	-3.01383	0.003276	0.01769	1
ENSG0000 response	Inflamed	HSD17B2	protein_cc chr16	82068609	82132139	+	2688	2667.847	0	0.66114	0.219406	3.013323	0.003281	0.017713	1
ENSG0000 response	Inflamed	SOX7	protein_cc chr8	10581278	10697357	-	3701	129.253	0.01432	-0.65828	0.218465	-3.01321	0.003282	0.017716	1
ENSG0000 response	Inflamed	FMO4	protein_cc chr1	1.71E+08	1.71E+08	+	2517	199.7041	0	0.561468	0.186349	3.012996	0.003284	0.017723	1
ENSG0000 response	Inflamed	KLHL14	protein_cc chr18	30252634	30353025	-	4992	35.9284	0.042959	-0.82007	0.272228	-3.01243	0.00329	0.01775	1

ENSG0000 response	Inflamed	PKP2	protein_cc chr12	32943679	33049774	-	6069	7225.189	0	0.714639	0.23724	3.012308	0.003291	0.017753	1
ENSG0000 response	Inflamed	HIST1H2AI	protein_cc chr6	27860477	27860963	-	487	4.355609	0.150358	0.374985	0.12449	3.012168	0.003293	0.017757	1
ENSG0000 response	Inflamed	CTD-2589t	pseudoger chr5	767512	769046	-	225	2.694511	0.51074	0.459602	0.15261	3.011612	0.003298	0.017776	1
ENSG0000 response	Inflamed	AC004771	pseudoger chr17	4890302	4890972	+	669	3.343675	0.355609	0.430215	0.142853	3.011589	0.003298	0.017776	1
ENSG0000 response	Inflamed	TNK1	protein_cc chr17	7283853	7293093	+	3860	1313.993	0	0.290969	0.096617	3.011558	0.003299	0.017776	1
ENSG0000 response	Inflamed	ZNF295-AS	lincRNA chr21	43429303	43445060	+	3320	3.78043	0.486874	-0.59548	0.197734	-3.01153	0.003299	0.017776	1
ENSG0000 response	Inflamed	ARPC5L	protein_cc chr9	1.28E+08	1.28E+08	+	3601	1714.48	0	-0.21219	0.070463	-3.01138	0.0033	0.017781	1
ENSG0000 response	Inflamed	C19orf26	protein_cc chr19	1228286	1238026	-	4543	38.70406	0.01432	-0.70519	0.234189	-3.01122	0.003302	0.017786	1
ENSG0000 response	Inflamed	MIR29B1	lincRNA chr7	1.31E+08	1.31E+08	-	6692	91.76134	0.004773	-0.72874	0.242052	-3.01069	0.003307	0.017811	1
ENSG0000 response	Inflamed	PXK	protein_cc chr3	58318607	58411748	+	5249	756.6921	0	-0.40018	0.132931	-3.01045	0.00331	0.017819	1
ENSG0000 response	Inflamed	CYP2A7	protein_cc chr19	41381344	41388657	-	2583	1.806683	0.680191	0.421879	0.140141	3.010396	0.00331	0.017819	1
ENSG0000 response	Inflamed	LPA	protein_cc chr6	1.61E+08	1.61E+08	-	6490	2.72315	0.551313	0.4176	0.138731	3.010132	0.003313	0.017827	1
ENSG0000 response	Inflamed	SLC23A2	protein_cc chr20	4833002	4990939	-	7523	1968.041	0	-0.42478	0.141119	-3.01011	0.003313	0.017827	1
ENSG0000 response	Inflamed	RP11-148C	antisense chr8	11410733	11411716	-	435	2.26253	0.651551	-0.4606	0.153066	-3.00916	0.003323	0.017875	1
ENSG0000 response	Inflamed	ARSI	protein_cc chr5	1.5E+08	1.5E+08	-	3269	175.1766	0.002387	-0.67868	0.225553	-3.00897	0.003325	0.017881	1
ENSG0000 response	Inflamed	RP11-693J	lincRNA chr12	92860227	92885867	+	10626	25.59666	0.071599	-0.78964	0.262467	-3.00855	0.003329	0.0179	1
ENSG0000 response	Inflamed	TSPAN3	protein_cc chr15	77336359	77376326	-	5893	16189.42	0	0.382051	0.12701	3.008047	0.003334	0.017921	1
ENSG0000 response	Inflamed	KIAA1462	protein_cc chr10	30301729	30404423	-	9515	726.4558	0.00716	-0.71961	0.239229	-3.00803	0.003334	0.017921	1
ENSG0000 response	Inflamed	TLR10	protein_cc chr4	38773860	38784611	-	4217	188.4702	0.002387	-0.98712	0.328221	-3.00748	0.00334	0.017946	1
ENSG0000 response	Inflamed	OVCH1-AS	protein_cc chr12	29542227	29640421	+	1841	5.107399	0.360382	-0.56199	0.186865	-3.00743	0.00334	0.017946	1
ENSG0000 response	Inflamed	MAGI1-IT1	sense_intr chr3	65858490	65940233	-	2567	7.680191	0.143198	0.574293	0.190964	3.007328	0.003341	0.017948	1
ENSG0000 response	Inflamed	NPM1P39	pseudoger chr1	27533421	27534287	+	867	2.778043	0.324582	0.373145	0.124081	3.007255	0.003342	0.017948	1
ENSG0000 response	Inflamed	KCNC1	protein_cc chr11	17756359	17804602	+	9842	13.84487	0.083532	0.686319	0.228228	3.007168	0.003343	0.017949	1
ENSG0000 response	Inflamed	TMOD1	protein_cc chr9	1E+08	1E+08	+	3708	192.1909	0.004773	-0.65007	0.216201	-3.0068	0.003346	0.017965	1
ENSG0000 response	Inflamed	BRPF3	protein_cc chr6	36164521	36200567	+	6618	4837.955	0	0.336606	0.111969	3.006244	0.003352	0.017992	1
ENSG0000 response	Inflamed	C6orf223	protein_cc chr6	43968317	43973695	+	3917	399.2267	0	-0.77725	0.258689	-3.00457	0.003369	0.018079	1
ENSG0000 response	Inflamed	CCNF	protein_cc chr16	2479395	2508855	+	6309	775.2434	0	-0.38216	0.127209	-3.00417	0.003373	0.018097	1
ENSG0000 response	Inflamed	CLDN16	protein_cc chr3	1.9E+08	1.9E+08	+	3583	4.646778	0.389021	-0.66653	0.221903	-3.00369	0.003378	0.018119	1
ENSG0000 response	Inflamed	CA14	protein_cc chr1	1.5E+08	1.5E+08	+	3838	9.610979	0.105012	0.511317	0.170271	3.002952	0.003385	0.018154	1
ENSG0000 response	Inflamed	RP3-322G	antisense chr20	23337231	23338753	-	841	9.701671	0.016706	-0.39598	0.131867	-3.00291	0.003386	0.018154	1
ENSG0000 response	Inflamed	DUSP21	protein_cc chrX	44703249	44704130	+	882	2.238663	0.732697	0.28388	0.094554	3.002299	0.003392	0.018184	1
ENSG0000 response	Inflamed	HAAO	protein_cc chr2	42994229	43019733	-	2726	637.6396	0	0.48243	0.160706	3.001933	0.003396	0.018201	1
ENSG0000 response	Inflamed	CTB-171A	antisense chr19	45135500	45222031	-	1418	68.62768	0	0.461964	0.153897	3.001769	0.003397	0.018206	1
ENSG0000 response	Inflamed	APBA3	protein_cc chr19	3750817	3761697	-	5556	884.0716	0	-0.25736	0.085746	-3.00141	0.003401	0.018222	1
ENSG0000 response	Inflamed	C1QB	protein_cc chr1	22979255	22988031	+	1601	8024.821	0	-0.43497	0.144929	-3.00128	0.003402	0.018225	1
ENSG0000 response	Inflamed	TRPC3	protein_cc chr4	1.23E+08	1.23E+08	-	4358	14.59905	0.057279	-0.56697	0.188945	-3.00069	0.003408	0.018254	1
ENSG0000 response	Inflamed	DNMBP	protein_cc chr10	1.02E+08	1.02E+08	-	8634	3311.007	0	0.453804	0.151247	3.000411	0.003411	0.018265	1
ENSG0000 response	Inflamed	SLC22A18	protein_cc chr11	2920951	2946476	+	5316	4212.869	0	0.401604	0.133857	3.000242	0.003413	0.018271	1
ENSG0000 response	Inflamed	RP11-117I	lincRNA chr1	53832340	53833917	-	850	6.422434	0.305489	-0.61809	0.206043	-2.99981	0.003417	0.018291	1
ENSG0000 response	Inflamed	AP352	protein_cc chr15	90373831	90437574	-	8146	1638.22	0	0.30327	0.101101	2.999683	0.003419	0.018294	1

ENSG0000 response	Inflamed	SND1	protein_cc chr7	1.27E+08	1.28E+08	+	6500	9752.138	0	-0.22624	0.075423	-2.99959	0.00342	0.018296	1
ENSG0000 response	Inflamed	EFNA2	protein_cc chr19	1286153	1301430	+	2143	2412.045	0	0.657431	0.219184	2.999452	0.003421	0.018299	1
ENSG0000 response	Inflamed	RP11-202A	lincRNA chr3	1.34E+08	1.34E+08	-	640	8.646778	0.112172	0.526472	0.17553	2.999332	0.003422	0.018302	1
ENSG0000 response	Inflamed	MRPS36	protein_cc chr5	68513587	68525956	+	1530	854.5656	0	0.367358	0.122483	2.999268	0.003423	0.018302	1
ENSG0000 response	Inflamed	RNF185	protein_cc chr22	31556168	31603005	+	3447	2261.432	0	0.212523	0.070861	2.999129	0.003424	0.018306	1
ENSG0000 response	Inflamed	COL26A1	polymorph chr7	1.01E+08	1.01E+08	+	3155	6.785203	0.181384	-0.61026	0.203509	-2.9987	0.003429	0.018326	1
ENSG0000 response	Inflamed	RP11-386I	pseudoger chr1	78509067	78509832	-	766	11.02625	0.069212	0.479284	0.159854	2.99826	0.003433	0.018346	1
ENSG0000 response	Inflamed	RP11-76E1	lincRNA chr15	94406338	94421585	+	1572	8.083532	0.169451	-0.56483	0.188397	-2.99808	0.003435	0.018353	1
ENSG0000 response	Inflamed	LINC00842	lincRNA chr10	47011753	47174018	-	4893	19.80668	0.026253	0.592642	0.197716	2.997436	0.003442	0.018384	1
ENSG0000 response	Inflamed	ZIK1	protein_cc chr19	58089824	58105145	+	5257	88.40334	0.009547	-0.47736	0.15926	-2.99733	0.003443	0.018387	1
ENSG0000 response	Inflamed	NUP188	protein_cc chr9	1.32E+08	1.32E+08	+	8041	2680.742	0	-0.31134	0.103874	-2.99725	0.003444	0.018387	1
ENSG0000 response	Inflamed	NQO2	protein_cc chr6	2988221	3019996	+	2451	487.8544	0	-0.35599	0.118778	-2.99709	0.003446	0.018393	1
ENSG0000 response	Inflamed	CXXC11	protein_cc chr2	2.43E+08	2.43E+08	+	2606	11.4821	0.224344	-0.69847	0.23307	-2.99684	0.003448	0.018402	1
ENSG0000 response	Inflamed	RP11-245C	lincRNA chr2	11018395	11025244	+	461	1.928401	0.608592	0.380798	0.127092	2.996224	0.003454	0.018433	1
ENSG0000 response	Inflamed	CNR2	protein_cc chr1	24197016	24285549	-	5468	138.8138	0.002387	-0.853	0.284697	-2.99615	0.003455	0.018433	1
ENSG0000 response	Inflamed	CXCL9	protein_cc chr4	76922428	76928641	-	2740	1442.196	0	-1.05763	0.353059	-2.99563	0.003461	0.018458	1
ENSG0000 response	Inflamed	RP11-34P1	processed_chr1	141474	173862	-	6195	49.04057	0.047733	-0.73216	0.24445	-2.99514	0.003466	0.018481	1
ENSG0000 response	Inflamed	CTD-3065J	antisense chr8	1.45E+08	1.45E+08	+	1818	13.03341	0.042959	-0.54115	0.180752	-2.99391	0.003479	0.018546	1
ENSG0000 response	Inflamed	XRCC6BP1	protein_cc chr12	58335324	58351052	+	1373	244.6659	0	0.410314	0.137059	2.993708	0.003481	0.018554	1
ENSG0000 response	Inflamed	ARNTL2	protein_cc chr12	27485787	27576241	+	5002	572.4057	0	-0.69068	0.230757	-2.99309	0.003487	0.018585	1
ENSG0000 response	Inflamed	MAMLD1	protein_cc chrX	1.5E+08	1.5E+08	+	5958	178.3938	0.002387	-0.51497	0.172057	-2.99302	0.003488	0.018585	1
ENSG0000 response	Inflamed	RAB8B	protein_cc chr15	63481668	63559981	+	5200	681.7757	0	-0.56565	0.188997	-2.99293	0.003489	0.018586	1
ENSG0000 response	Inflamed	ANKRD2	protein_cc chr10	99332198	99343641	+	1509	1.980907	0.563246	-0.43059	0.143874	-2.99285	0.00349	0.018587	1
ENSG0000 response	Inflamed	CTD-2530I	sense_intr chr11	75486949	75487974	+	842	1.083532	0.792363	-0.43955	0.146875	-2.99268	0.003491	0.018592	1
ENSG0000 response	Inflamed	PPP1R17	protein_cc chr7	31726329	31748069	+	2384	1.286396	0.789976	-0.49377	0.164998	-2.99256	0.003493	0.018593	1
ENSG0000 response	Inflamed	IKBK	protein_cc chrX	1.54E+08	1.54E+08	+	7462	283.4988	0	-0.29798	0.099574	-2.99253	0.003493	0.018593	1
ENSG0000 response	Inflamed	HDAC1P1	pseudoger chr10	95897505	95899257	+	1445	2.832936	0.424821	0.431975	0.144385	2.991839	0.0035	0.018628	1
ENSG0000 response	Inflamed	UGDH	protein_cc chr4	39500375	39529931	-	4045	3861.878	0	0.489604	0.163663	2.991538	0.003503	0.018641	1
ENSG0000 response	Inflamed	SLC39A6	protein_cc chr18	33688495	33709348	-	3682	814.3556	0	-0.50007	0.167171	-2.99135	0.003505	0.018647	1
ENSG0000 response	Inflamed	RP4-756G	antisense chr22	41605126	41613631	-	2500	17.44153	0.02864	-0.47852	0.159989	-2.99094	0.00351	0.018667	1
ENSG0000 response	Inflamed	RSBN1L-A5	lincRNA chr7	77286977	77325582	-	3100	237.1384	0	0.354694	0.118594	2.990815	0.003511	0.01867	1
ENSG0000 response	Inflamed	FCHSD2	protein_cc chr11	72547790	72853306	-	5188	1472.618	0	-0.41684	0.139379	-2.9907	0.003512	0.018673	1
ENSG0000 response	Inflamed	PLGRKT	protein_cc chr9	5357973	5437878	-	1493	843.9618	0	0.327423	0.109544	2.988963	0.003531	0.018766	1
ENSG0000 response	Inflamed	RARB	protein_cc chr3	25215823	25639423	+	3697	66.78043	0.009547	-0.63	0.210782	-2.98887	0.003532	0.018768	1
ENSG0000 response	Inflamed	TNFRSF11I	protein_cc chr8	1.2E+08	1.2E+08	-	2827	528.9547	0	-0.91185	0.30517	-2.98802	0.003541	0.018812	1
ENSG0000 response	Inflamed	DGKD	protein_cc chr2	2.34E+08	2.34E+08	+	9441	4097.604	0	0.406601	0.136091	2.987708	0.003544	0.018826	1
ENSG0000 response	Inflamed	PJA1	protein_cc chrX	68380694	68385636	-	3117	505.9881	0	-0.36239	0.121298	-2.98763	0.003545	0.018826	1
ENSG0000 response	Inflamed	RP1-167G	lincRNA chr5	16373470	16440190	-	2120	1.124105	0.74463	0.352041	0.117846	2.987304	0.003548	0.018841	1
ENSG0000 response	Inflamed	NPY4R	protein_cc chr10	47083534	47088320	+	1956	425.8449	0.011933	0.98932	0.331193	2.987137	0.00355	0.018843	1
ENSG0000 response	Inflamed	IGHJ2P	IG_J_pseu chr14	1.06E+08	1.06E+08	-	60	8.384248	0.202864	-0.68009	0.227672	-2.98713	0.00355	0.018843	1

ENSG0000 response	Inflamed	PNPLA4	protein_cc chrX	7866288	7895780	-	3441	416.6611	0	0.274755	0.091986	2.986913	0.003552	0.018852	1
ENSG0000 response	Inflamed	SQRDL	protein_cc chr15	45923346	45983492	+	3088	4174.112	0	0.311145	0.104172	2.986843	0.003553	0.018852	1
ENSG0000 response	Inflamed	FAM115D	pseudoger chr7	1.43E+08	1.44E+08	+	2884	5.162291	0.24105	-0.4329	0.144949	-2.98658	0.003556	0.018863	1
ENSG0000 response	Inflamed	KB-1448A5	lincRNA chr8	97384093	97399666	-	1046	1.310263	0.689737	0.381693	0.127808	2.986453	0.003557	0.018866	1
ENSG0000 response	Inflamed	IGSF3	protein_cc chr1	1.17E+08	1.17E+08	-	7388	2266.685	0	0.541384	0.181319	2.985817	0.003564	0.018898	1
ENSG0000 response	Inflamed	RASSF7	protein_cc chr11	560404	564021	+	2492	3018.158	0	0.397729	0.13324	2.985052	0.003572	0.018938	1
ENSG0000 response	Inflamed	KLKB1	protein_cc chr4	1.87E+08	1.87E+08	+	2953	45.6253	0.02864	0.737651	0.24718	2.984264	0.003581	0.018977	1
ENSG0000 response	Inflamed	AC006946	lincRNA chr22	17561591	17562346	+	756	3.126492	0.369928	-0.4637	0.155382	-2.98423	0.003581	0.018977	1
ENSG0000 response	Inflamed	RELB	protein_cc chr19	45504688	45541452	+	3031	1684.542	0	-0.34781	0.116563	-2.98384	0.003585	0.018994	1
ENSG0000 response	Inflamed	EML3	protein_cc chr11	62369690	62380237	-	5490	2303.938	0	-0.31046	0.104049	-2.98378	0.003586	0.018994	1
ENSG0000 response	Inflamed	ESRRB	protein_cc chr14	76776957	76968178	+	4084	3.575179	0.319809	-0.41594	0.139403	-2.98373	0.003586	0.018994	1
ENSG0000 response	Inflamed	CCR5	protein_cc chr3	46411633	46417697	+	3883	479.3652	0	-0.55734	0.186801	-2.98358	0.003588	0.018999	1
ENSG0000 response	Inflamed	ITIH3	protein_cc chr3	52828784	52843025	+	5921	15.33413	0.088305	-0.74022	0.248113	-2.98339	0.00359	0.019005	1
ENSG0000 response	Inflamed	FAM27A	protein_cc chr9	45727107	45728274	+	616	17.40334	0.002387	-0.39797	0.133398	-2.98333	0.003591	0.019005	1
ENSG0000 response	Inflamed	CTA-221G5	lincRNA chr22	25608709	25609652	+	482	4.916468	0.264916	0.520725	0.174566	2.98296	0.003595	0.019022	1
ENSG0000 response	Inflamed	CA5B	protein_cc chrX	15706953	15805747	+	7735	193.8496	0	-0.40645	0.136267	-2.98277	0.003597	0.019029	1
ENSG0000 response	Inflamed	MIR4645	miRNA chr6	2854265	2854341	-	77	1.143198	0.682578	-0.3558	0.119317	-2.98201	0.003605	0.019069	1
ENSG0000 response	Inflamed	COCH	protein_cc chr14	31343720	31364271	+	3623	76.55131	0.009547	-0.55471	0.186034	-2.98176	0.003608	0.019079	1
ENSG0000 response	Inflamed	FAM179A	protein_cc chr2	29179477	29284239	+	19816	58.74702	0.004773	-0.52384	0.17569	-2.9816	0.003609	0.019085	1
ENSG0000 response	Inflamed	GMIP	protein_cc chr19	19740285	19754476	-	3740	2714.475	0	-0.30436	0.102108	-2.98081	0.003618	0.019126	1
ENSG0000 response	Inflamed	SSBP3	protein_cc chr1	54691105	54879152	-	5227	3341.365	0	0.279415	0.093761	2.98009	0.003626	0.019163	1
ENSG0000 response	Inflamed	CCDC168	protein_cc chr13	1.03E+08	1.03E+08	-	7359	0.918854	0.782816	-0.35826	0.120225	-2.9799	0.003628	0.019171	1
ENSG0000 response	Inflamed	DHRS4	protein_cc chr14	24422795	24438488	+	2305	688.5943	0	0.209168	0.070214	2.979023	0.003637	0.019213	1
ENSG0000 response	Inflamed	RP11-296A	lincRNA chr1	51660767	51700768	-	2366	3.205251	0.322196	-0.37298	0.125204	-2.97902	0.003637	0.019213	1
ENSG0000 response	Inflamed	MIER2	protein_cc chr19	305575	344798	-	3738	838.5537	0	-0.31424	0.105496	-2.97868	0.003641	0.019229	1
ENSG0000 response	Inflamed	TNS4	protein_cc chr17	38632080	38657849	-	4847	1798.506	0	-0.78192	0.262519	-2.97854	0.003643	0.019231	1
ENSG0000 response	Inflamed	CTD-2319I	lincRNA chr17	58156670	58166056	+	699	4.97852	0.205251	-0.46723	0.156867	-2.9785	0.003643	0.019231	1
ENSG0000 response	Inflamed	DECR1	protein_cc chr8	91013633	91064320	+	3507	2218.976	0	0.308643	0.103637	2.978122	0.003647	0.019249	1
ENSG0000 response	Inflamed	BAIAP3	protein_cc chr16	1383602	1399439	+	6143	314.6158	0	0.525617	0.176497	2.978052	0.003648	0.01925	1
ENSG0000 response	Inflamed	SLC12A8	protein_cc chr3	1.25E+08	1.25E+08	-	5728	710.3461	0	0.358728	0.120461	2.977972	0.003649	0.01925	1
ENSG0000 response	Inflamed	SNORA14	snoRNA chr10	6059017	6059157	-	141	1.193317	0.704057	-0.4033	0.135455	-2.9774	0.003655	0.019279	1
ENSG0000 response	Inflamed	RP11-148C	antisense chr8	11415975	11417529	-	594	1.610979	0.73031	-0.39701	0.133348	-2.97729	0.003656	0.019282	1
ENSG0000 response	Inflamed	FAM50B	protein_cc chr6	3849620	3851551	+	1932	202.0048	0	-0.30785	0.103402	-2.97716	0.003658	0.019285	1
ENSG0000 response	Inflamed	PKMP1	pseudoger chr1	1.15E+08	1.15E+08	+	1523	4.367542	0.200477	-0.43956	0.147653	-2.977	0.003659	0.019291	1
ENSG0000 response	Inflamed	EPCAM	protein_cc chr2	47572297	47614740	+	2519	41508.31	0	0.706617	0.237366	2.976909	0.00366	0.019292	1
ENSG0000 response	Inflamed	TMEM173	protein_cc chr5	1.39E+08	1.39E+08	-	3850	3499.179	0	-0.33762	0.113437	-2.97632	0.003667	0.01932	1
ENSG0000 response	Inflamed	FAM157A	lincRNA chr3	1.98E+08	1.98E+08	+	2586	68.04773	0.033413	-0.86084	0.289233	-2.9763	0.003667	0.01932	1
ENSG0000 response	Inflamed	RP11-420k	pseudoger chr19	21820776	21839102	+	1367	2.324582	0.639618	0.357056	0.119972	2.976164	0.003668	0.019324	1
ENSG0000 response	Inflamed	RP11-125C	lincRNA chr4	1.28E+08	1.28E+08	-	1077	1.797136	0.799523	-0.58798	0.197574	-2.976	0.00367	0.019329	1
ENSG0000 response	Inflamed	KIAA1161	protein_cc chr9	34366668	34376851	-	6398	6686.465	0	0.529669	0.177996	2.975737	0.003673	0.019337	1

ENSG0000 response	Inflamed	CAV2	protein_cc chr7	1.16E+08	1.16E+08	+	6640	447.7637	0	-0.47725	0.160383	-2.97567	0.003674	0.019337	1
ENSG0000 response	Inflamed	PTPLA	protein_cc chr10	17631958	17659376	-	2175	35.67303	0.004773	-0.46409	0.155962	-2.97567	0.003674	0.019337	1
ENSG0000 response	Inflamed	TMEM27	protein_cc chrX	15645441	15683154	-	1578	8.847255	0.076372	0.432742	0.145466	2.974855	0.003683	0.01938	1
ENSG0000 response	Inflamed	PSTPIP2	protein_cc chr18	43563502	43652238	-	4120	378.6444	0	-0.57442	0.193106	-2.97461	0.003686	0.01939	1
ENSG0000 response	Inflamed	TSPAN18	protein_cc chr11	44748015	44953972	+	5871	824.1432	0	-0.58685	0.197296	-2.97447	0.003687	0.019394	1
ENSG0000 response	Inflamed	CTNND1	protein_cc chr11	57520715	57587018	+	8833	25133.65	0	0.437367	0.147056	2.974149	0.003691	0.019407	1
ENSG0000 response	Inflamed	XKR5	processed_chr8	6666038	6693166	-	5032	3.875895	0.360382	-0.51201	0.172154	-2.97411	0.003691	0.019407	1
ENSG0000 response	Inflamed	STAU2-AS1	lincRNA chr8	74332239	74353761	+	2279	2.73031	0.443914	0.436638	0.146816	2.974056	0.003692	0.019407	1
ENSG0000 response	Inflamed	KCNJ6	protein_cc chr21	38979678	39288749	-	19671	8.458234	0.138425	0.666084	0.223996	2.973639	0.003696	0.019427	1
ENSG0000 response	Inflamed	RP5-968J1	lincRNA chr20	1784662	1798252	-	346	1.782816	0.572792	-0.37314	0.125506	-2.97307	0.003703	0.019456	1
ENSG0000 response	Inflamed	RP11-82L1	lincRNA chr9	91624949	91625393	-	445	9.522673	0.260143	-0.85176	0.286544	-2.97253	0.003709	0.019484	1
ENSG0000 response	Inflamed	RAET1E	protein_cc chr6	1.5E+08	1.5E+08	-	3004	16.91169	0.045346	-0.5384	0.181159	-2.97199	0.003715	0.019512	1
ENSG0000 response	Inflamed	RP11-24M	processed_chr15	76030161	76055662	+	1085	0.942721	0.754177	-0.30698	0.103308	-2.97156	0.003719	0.019532	1
ENSG0000 response	Inflamed	MPG	protein_cc chr16	127006	135852	+	1661	1241.093	0	-0.34282	0.115371	-2.9715	0.00372	0.019532	1
ENSG0000 response	Inflamed	C17orf72	protein_cc chr17	62075711	62081664	+	4142	15.74702	0.052506	-0.46866	0.15773	-2.97125	0.003723	0.019542	1
ENSG0000 response	Inflamed	CLECL1	protein_cc chr12	9868456	9885895	-	1721	36.65155	0.004773	-0.56693	0.190809	-2.97121	0.003723	0.019542	1
ENSG0000 response	Inflamed	HERC5	protein_cc chr4	89378268	89427314	+	4766	184.6325	0	-0.58783	0.197848	-2.9711	0.003724	0.019544	1
ENSG0000 response	Inflamed	RP11-320M	pseudoger chr14	32953304	32954006	-	703	5.472554	0.439141	0.513673	0.172923	2.970534	0.003731	0.019573	1
ENSG0000 response	Inflamed	DNAJB1	protein_cc chr19	14625582	14640582	-	3672	5596.573	0	0.212006	0.071386	2.969874	0.003738	0.019608	1
ENSG0000 response	Inflamed	TRGV8	TR_V_gene chr7	38369944	38370536	-	468	6.949881	0.119332	-0.45404	0.152886	-2.96977	0.003739	0.01961	1
ENSG0000 response	Inflamed	HAVCR1	protein_cc chr5	1.56E+08	1.56E+08	-	2151	78.06444	0.045346	0.859096	0.289292	2.969648	0.003741	0.019613	1
ENSG0000 response	Inflamed	RP11-809C	lincRNA chr10	714400	715521	+	1122	12.35084	0.109785	0.562108	0.189297	2.96946	0.003743	0.01962	1
ENSG0000 response	Inflamed	MIR146A	lincRNA chr5	1.6E+08	1.6E+08	+	2301	200.6683	0.004773	-0.91139	0.306936	-2.96931	0.003744	0.019625	1
ENSG0000 response	Inflamed	LINC01088	antisense chr4	79892902	80229952	+	3995	8.100239	0.073986	0.510165	0.171842	2.968805	0.00375	0.019651	1
ENSG0000 response	Inflamed	ERLEC1	protein_cc chr2	54014181	54045956	+	2592	2852.461	0	-0.42634	0.143618	-2.96855	0.003753	0.019662	1
ENSG0000 response	Inflamed	SSSCA1	protein_cc chr11	65337901	65341413	+	2008	440.2267	0	-0.29366	0.098927	-2.96845	0.003754	0.019662	1
ENSG0000 response	Inflamed	SHANK2	protein_cc chr11	70313961	70963623	-	16428	522.5274	0	0.517336	0.174281	2.968406	0.003754	0.019662	1
ENSG0000 response	Inflamed	PKIG	protein_cc chr20	43160426	43252888	+	2496	1723.998	0	-0.27945	0.094144	-2.9683	0.003756	0.019664	1
ENSG0000 response	Inflamed	CCNI2	protein_cc chr5	1.32E+08	1.32E+08	+	2923	474.2196	0	0.455791	0.15356	2.968168	0.003757	0.019669	1
ENSG0000 response	Inflamed	HLA-B	protein_cc chr6	31321649	31324965	-	3012	102666.4	0	-0.22422	0.075548	-2.9679	0.00376	0.01968	1
ENSG0000 response	Inflamed	TREM2	protein_cc chr6	41126244	41130924	-	1095	78.63723	0.002387	-0.6004	0.202314	-2.96764	0.003763	0.019692	1
ENSG0000 response	Inflamed	HSD17B14	protein_cc chr19	49316274	49339935	-	1281	106.7924	0	-0.4157	0.140086	-2.96743	0.003765	0.0197	1
ENSG0000 response	Inflamed	HIBCH	protein_cc chr2	1.91E+08	1.91E+08	-	7438	923.2554	0	0.410322	0.138283	2.967262	0.003767	0.019706	1
ENSG0000 response	Inflamed	RP11-73M	lincRNA chr14	1.04E+08	1.04E+08	+	683	47.33413	0.002387	0.370742	0.124996	2.966027	0.003781	0.019775	1
ENSG0000 response	Inflamed	CD1C	protein_cc chr1	1.58E+08	1.58E+08	+	1435	148.2387	0	-0.71399	0.240733	-2.9659	0.003783	0.019777	1
ENSG0000 response	Inflamed	FSIP1	protein_cc chr15	39892232	40075031	-	2951	28.15752	0.019093	0.636916	0.214749	2.965858	0.003783	0.019777	1
ENSG0000 response	Inflamed	FAM102A	protein_cc chr9	1.31E+08	1.31E+08	-	6100	6807.721	0	0.368644	0.124321	2.965263	0.00379	0.019808	1
ENSG0000 response	Inflamed	CABLES1	protein_cc chr18	20714528	20840431	+	6654	775.7136	0	0.323743	0.109183	2.965151	0.003791	0.019811	1
ENSG0000 response	Inflamed	DNAJC22	protein_cc chr12	49740700	49751309	+	3477	893.6229	0	0.4874	0.164392	2.964865	0.003794	0.019823	1
ENSG0000 response	Inflamed	C20orf112	protein_cc chr20	31030862	31172876	-	9448	4288.737	0	0.387138	0.130579	2.964771	0.003795	0.019823	1

ENSG0000 response	Inflamed	TSPAN13	protein_cc chr7	16793160	16824161	+	2224	3745.532	0	0.343762	0.11595	2.964748	0.003796	0.019823	1
ENSG0000 response	Inflamed	RP11-2E11	antisense chr7	1.3E+08	1.3E+08	+	623	3.221957	0.322196	0.445312	0.15021	2.964605	0.003797	0.019827	1
ENSG0000 response	Inflamed	ARHGEF17	protein_cc chr11	73019334	73080136	+	9539	1752.947	0	-0.56294	0.189894	-2.96447	0.003799	0.019831	1
ENSG0000 response	Inflamed	RP11-557F	lincRNA chr6	1.35E+08	1.35E+08	-	1731	1.747017	0.570406	-0.36157	0.121979	-2.9642	0.003802	0.019843	1
ENSG0000 response	Inflamed	RP1-29C1	ε sense_intr chr22	50006305	50009364	-	2975	10.67064	0.085919	-0.59909	0.202121	-2.964	0.003804	0.019851	1
ENSG0000 response	Inflamed	RP11-353M	lincRNA chr17	77893156	77899261	+	1877	25.36754	0.050119	0.664595	0.224296	2.963029	0.003815	0.019899	1
ENSG0000 response	Inflamed	PTX3	protein_cc chr3	1.57E+08	1.57E+08	+	1940	74.63723	0.004773	-0.64391	0.217315	-2.96302	0.003815	0.019899	1
ENSG0000 response	Inflamed	TMEM104	protein_cc chr17	72772622	72835918	+	4983	1427.37	0	-0.26738	0.090238	-2.96299	0.003816	0.019899	1
ENSG0000 response	Inflamed	KCNQ3	protein_cc chr8	1.33E+08	1.33E+08	-	12453	33.7494	0.045346	-0.74773	0.252368	-2.96284	0.003817	0.019905	1
ENSG0000 response	Inflamed	AC092653	pseudoger chr2	73927754	73928432	-	679	30.77566	0.054893	0.674104	0.227526	2.96275	0.003818	0.019906	1
ENSG0000 response	Inflamed	SERPINE2	protein_cc chr2	2.25E+08	2.25E+08	-	8891	1392.303	0	-0.61147	0.206411	-2.96237	0.003823	0.019924	1
ENSG0000 response	Inflamed	GALR2	protein_cc chr17	74070875	74073622	+	1364	5.556086	0.143198	-0.45353	0.153136	-2.96164	0.003831	0.019964	1
ENSG0000 response	Inflamed	CTA-398F1	lincRNA chr8	8314419	8318847	-	510	3.033413	0.386635	0.468328	0.158141	2.961455	0.003833	0.019971	1
ENSG0000 response	Inflamed	AKNA	protein_cc chr9	1.17E+08	1.17E+08	-	10601	5337.329	0	-0.38877	0.131295	-2.96103	0.003838	0.019991	1
ENSG0000 response	Inflamed	SMARCD3	protein_cc chr7	1.51E+08	1.51E+08	-	5198	413.7232	0	-0.44114	0.148983	-2.96098	0.003839	0.019991	1
ENSG0000 response	Inflamed	PPARGC1B	protein_cc chr5	1.49E+08	1.49E+08	+	12889	1901.635	0	0.573064	0.193559	2.960673	0.003842	0.020005	1
ENSG0000 response	Inflamed	RP11-104E	antisense chr14	25064929	25126980	+	947	2.897375	0.713604	-0.57058	0.192726	-2.96056	0.003843	0.020008	1
ENSG0000 response	Inflamed	COG1	protein_cc chr17	71189129	71204646	+	5061	2020.234	0	0.246211	0.08317	2.96034	0.003846	0.020017	1
ENSG0000 response	Inflamed	PEX7	protein_cc chr6	1.37E+08	1.37E+08	+	1832	236.3866	0	0.276886	0.093541	2.960046	0.003849	0.020031	1
ENSG0000 response	Inflamed	ACOX1	protein_cc chr17	73937588	73975515	-	8543	5789.78	0	0.453114	0.153111	2.959379	0.003857	0.020067	1
ENSG0000 response	Inflamed	CTD-2260	antisense chr5	96140056	96141808	+	569	1.687351	0.620525	0.321262	0.108563	2.95922	0.003859	0.020072	1
ENSG0000 response	Inflamed	RP11-671J	antisense chr14	35025980	35030504	+	1137	1.224344	0.711217	0.261589	0.088406	2.958963	0.003862	0.020084	1
ENSG0000 response	Inflamed	COL10A1	protein_cc chr6	1.16E+08	1.16E+08	-	3816	48.41527	0.367542	-1.32725	0.448582	-2.95877	0.003864	0.020091	1
ENSG0000 response	Inflamed	TRDV2	TR_V_gene chr14	22891362	22892033	+	520	1.823389	0.627685	-0.29322	0.099123	-2.95817	0.003871	0.020123	1
ENSG0000 response	Inflamed	IGHV3-64	IG_V_gene chr14	1.07E+08	1.07E+08	-	431	882.9284	0.002387	-1.03336	0.349355	-2.95791	0.003874	0.020134	1
ENSG0000 response	Inflamed	SESN2	protein_cc chr1	28586038	28609002	+	3453	2144.952	0	0.286727	0.096938	2.95785	0.003874	0.020134	1
ENSG0000 response	Inflamed	PAQR8	protein_cc chr6	52226219	52272575	+	5057	5828.477	0	0.53733	0.181689	2.957413	0.00388	0.020157	1
ENSG0000 response	Inflamed	SMG9	protein_cc chr19	44235301	44259142	-	4770	1472.1	0	-0.22804	0.077111	-2.95731	0.003881	0.020159	1
ENSG0000 response	Inflamed	FNIP2	protein_cc chr4	1.6E+08	1.6E+08	+	10868	2382.554	0	0.557671	0.188598	2.956925	0.003885	0.020178	1
ENSG0000 response	Inflamed	RP11-526	lincRNA chr4	1.5E+08	1.51E+08	-	2537	9.257757	0.243437	0.65849	0.222727	2.956493	0.00389	0.0202	1
ENSG0000 response	Inflamed	AMDHD1	protein_cc chr12	96337071	96362370	+	2562	8.093079	0.114558	-0.51794	0.175215	-2.95605	0.003895	0.020223	1
ENSG0000 response	Inflamed	SSR3	protein_cc chr3	1.56E+08	1.56E+08	-	4627	5107.945	0	-0.34357	0.116258	-2.9552	0.003905	0.020267	1
ENSG0000 response	Inflamed	CFLAR-AS1	antisense chr2	2.02E+08	2.02E+08	-	3166	5.704057	0.348449	0.6243	0.211256	2.955182	0.003905	0.020267	1
ENSG0000 response	Inflamed	ZFY-AS1	antisense chrY	2834885	2870667	-	796	1.823389	0.630072	0.306698	0.103788	2.955053	0.003907	0.020271	1
ENSG0000 response	Inflamed	IFI27L2	protein_cc chr14	94594116	94596590	-	1662	500.1575	0	-0.42683	0.144469	-2.95444	0.003914	0.0203	1
ENSG0000 response	Inflamed	DYX1C1	protein_cc chr15	55702723	55800432	-	2917	4.601432	0.217184	-0.47176	0.159679	-2.95443	0.003914	0.0203	1
ENSG0000 response	Inflamed	TGFBR3L	protein_cc chr19	7981030	7983982	+	1516	8.546539	0.040573	-0.44017	0.149018	-2.95378	0.003922	0.020335	1
ENSG0000 response	Inflamed	GPBP1L1	protein_cc chr1	46092976	46153785	-	7433	5520.988	0	0.366687	0.124161	2.953311	0.003927	0.02036	1
ENSG0000 response	Inflamed	PBLD	protein_cc chr10	70042417	70092806	-	5172	1321.263	0	0.743644	0.251816	2.953127	0.003929	0.020367	1
ENSG0000 response	Inflamed	AC005831	pseudoger chr12	3797876	3799650	-	1774	1.059666	0.78043	0.447832	0.151669	2.952682	0.003935	0.02039	1

ENSG0000 response	Inflamed	CDYL2	protein_cc chr16	80631803	80838226	-	8557	523.3317	0	-0.57883	0.196046	-2.9525	0.003937	0.020397	1
ENSG0000 response	Inflamed	DDR2	protein_cc chr1	1.63E+08	1.63E+08	+	10730	1501.692	0	-0.6937	0.235003	-2.95186	0.003944	0.020432	1
ENSG0000 response	Inflamed	PTN	protein_cc chr7	1.37E+08	1.37E+08	-	1713	152.3198	0	0.63747	0.21597	2.951655	0.003947	0.02044	1
ENSG0000 response	Inflamed	UBTF6	pseudoger chr2	98253060	98254266	-	1207	3.372315	0.398568	-0.48459	0.164182	-2.95152	0.003948	0.020445	1
ENSG0000 response	Inflamed	RP1-240K6	processed_chr14	73929129	73943880	+	680	11.76611	0.066826	0.493318	0.16716	2.951168	0.003952	0.020454	1
ENSG0000 response	Inflamed	RP11-91J1	antisense chr8	400714	401343	-	630	7.317422	0.136038	-0.49864	0.168963	-2.95116	0.003952	0.020454	1
ENSG0000 response	Inflamed	RP11-484L	antisense chr11	43350298	43380846	-	787	2.73031	0.424821	0.395341	0.133961	2.951158	0.003952	0.020454	1
ENSG0000 response	Inflamed	CD84	protein_cc chr1	1.61E+08	1.61E+08	-	9255	790.8115	0	-0.63563	0.215404	-2.95087	0.003956	0.020468	1
ENSG0000 response	Inflamed	MRPS25	protein_cc chr3	15083967	15106842	-	5383	2032.582	0	0.27827	0.094328	2.950014	0.003966	0.020516	1
ENSG0000 response	Inflamed	RP11-73M	antisense chr1	32037186	32041174	-	591	94.15274	0.004773	0.650983	0.220712	2.949473	0.003972	0.020545	1
ENSG0000 response	Inflamed	NHLRC4	protein_cc chr16	616996	619495	+	2105	50.55609	0.004773	-0.44202	0.149868	-2.9494	0.003973	0.020545	1
ENSG0000 response	Inflamed	RP11-797A	lincRNA chr15	77334178	77335533	-	1356	40.75418	0.004773	0.502952	0.170562	2.948786	0.00398	0.020575	1
ENSG0000 response	Inflamed	ICA1	protein_cc chr7	8152814	8302317	-	4891	1154.675	0	0.366908	0.124427	2.948781	0.00398	0.020575	1
ENSG0000 response	Inflamed	PKD1P5	pseudoger chr16	18458147	18495797	-	10670	175.6086	0.02148	0.691815	0.234663	2.948119	0.003988	0.020611	1
ENSG0000 response	Inflamed	MAGI1	protein_cc chr3	65339200	66024509	-	11647	1226.033	0	0.496613	0.168471	2.947776	0.003992	0.020625	1
ENSG0000 response	Inflamed	CTA-217C2	lincRNA chr22	45528901	45559662	-	2263	223.2601	0	-0.27184	0.09222	-2.94772	0.003993	0.020625	1
ENSG0000 response	Inflamed	RAPGEF4	protein_cc chr2	1.74E+08	1.74E+08	+	7161	120.9356	0.004773	-0.63921	0.216851	-2.94769	0.003993	0.020625	1
ENSG0000 response	Inflamed	SSR4P1	pseudoger chr21	46491648	46494080	-	967	15.87112	0.00716	-0.39028	0.132409	-2.94757	0.003995	0.020629	1
ENSG0000 response	Inflamed	SNX32	protein_cc chr11	65601112	65624367	+	3966	36.38186	0.01432	0.610194	0.207028	2.947399	0.003997	0.020635	1
ENSG0000 response	Inflamed	RP11-304L	sense_ove chr16	2141437	2145426	+	683	232.8711	0	0.496463	0.168447	2.947293	0.003998	0.020638	1
ENSG0000 response	Inflamed	RPS4XP8	pseudoger chr6	1.55E+08	1.55E+08	+	771	1.362768	0.680191	0.345926	0.117405	2.946433	0.004008	0.020686	1
ENSG0000 response	Inflamed	PIIB	protein_cc chr15	64448011	64455404	-	1911	10864.84	0	-0.32311	0.109667	-2.94629	0.00401	0.020691	1
ENSG0000 response	Inflamed	ZNF428	protein_cc chr19	44111371	44124026	-	1803	556.5585	0	-0.23843	0.080932	-2.94599	0.004014	0.020706	1
ENSG0000 response	Inflamed	C17orf103	protein_cc chr17	21142183	21156722	-	4930	880.9189	0	-0.41512	0.140918	-2.94585	0.004015	0.02071	1
ENSG0000 response	Inflamed	NICN1	protein_cc chr3	49460379	49466759	-	2929	593.3246	0	-0.25994	0.088244	-2.94572	0.004017	0.020714	1
ENSG0000 response	Inflamed	GOLGA7B	protein_cc chr10	99609996	99631337	+	3409	153.9189	0	0.502441	0.17057	2.945656	0.004017	0.020714	1
ENSG0000 response	Inflamed	CRISPLD2	protein_cc chr16	84853590	84954374	+	7963	3171.647	0	-0.56257	0.191025	-2.94501	0.004025	0.020749	1
ENSG0000 response	Inflamed	RNA5SP75	rRNA chr1	2.05E+08	2.05E+08	-	111	1.558473	0.632458	-0.42942	0.14582	-2.94485	0.004027	0.020756	1
ENSG0000 response	Inflamed	CCR12P	pseudoger chr13	1E+08	1E+08	-	998	3.541766	0.553699	-0.52541	0.178425	-2.9447	0.004029	0.02076	1
ENSG0000 response	Inflamed	AD000671	protein_cc chr19	36230153	36236333	-	1925	3.522673	0.279236	-0.41404	0.140644	-2.94392	0.004038	0.020803	1
ENSG0000 response	Inflamed	SDIM1	protein_cc chr6	1.66E+08	1.66E+08	-	2396	1.501193	0.694511	-0.44062	0.149672	-2.94388	0.004039	0.020803	1
ENSG0000 response	Inflamed	THNSL2	protein_cc chr2	88469835	88486146	+	6401	662.4368	0	0.380403	0.129221	2.943809	0.00404	0.020803	1
ENSG0000 response	Inflamed	GPX8	protein_cc chr5	54455946	54462899	+	3868	374.8544	0	-0.5255	0.178523	-2.94362	0.004042	0.020808	1
ENSG0000 response	Inflamed	IGLV2-18	IG_V_gene chr22	23077095	23077584	+	374	1372.508	0	-0.90358	0.306964	-2.9436	0.004042	0.020808	1
ENSG0000 response	Inflamed	LATS2	protein_cc chr13	21547171	21635686	-	5739	940.2816	0	-0.53123	0.180482	-2.94338	0.004045	0.020818	1
ENSG0000 response	Inflamed	FNDC9	protein_cc chr5	1.57E+08	1.57E+08	-	2285	2.322196	0.529833	-0.46142	0.156786	-2.94299	0.004049	0.020837	1
ENSG0000 response	Inflamed	STRIP2	protein_cc chr7	1.29E+08	1.29E+08	+	5876	388.9857	0.002387	-0.83861	0.284959	-2.94293	0.00405	0.020837	1
ENSG0000 response	Inflamed	TRPV1	protein_cc chr17	3468738	3500392	-	4995	18.09308	0.054893	0.543402	0.18467	2.942555	0.004055	0.020856	1
ENSG0000 response	Inflamed	RP4-668J2	antisense chr6	1384025	1385301	-	1277	13.78759	0.026253	-0.55982	0.190262	-2.94235	0.004057	0.020862	1
ENSG0000 response	Inflamed	RP3-337H2	antisense chr6	43529609	43530156	+	548	1.77327	0.529833	0.346088	0.117624	2.942323	0.004057	0.020862	1

ENSG0000 response	Inflamed	ANXA10	protein_cc chr4	1.69E+08	1.69E+08	+	1812	114.7494	0.367542	-1.51274	0.514214	-2.94184	0.004063	0.020888	1
ENSG0000 response	Inflamed	STX19	protein_cc chr3	93733213	93747454	-	1158	283.3484	0.004773	0.740945	0.251896	2.941473	0.004068	0.020907	1
ENSG0000 response	Inflamed	MT-ND6	protein_cc chrM	14149	14673	-	525	5315.652	0	0.512441	0.17422	2.941348	0.004069	0.020907	1
ENSG0000 response	Inflamed	CEP170	protein_cc chr1	2.43E+08	2.43E+08	-	10939	360.2745	0	-0.66748	0.226931	-2.94134	0.004069	0.020907	1
ENSG0000 response	Inflamed	KLHL21	protein_cc chr1	6650784	6674667	-	6670	1870.699	0	-0.36465	0.123978	-2.94121	0.004071	0.020908	1
ENSG0000 response	Inflamed	RP11-44N	sense_intr chr8	1.24E+08	1.24E+08	+	1018	2.183771	0.49642	-0.40279	0.136949	-2.94117	0.004071	0.020908	1
ENSG0000 response	Inflamed	KCNG3	protein_cc chr2	42669157	42721237	-	3824	28.18377	0.040573	0.612026	0.208093	2.941119	0.004072	0.020908	1
ENSG0000 response	Inflamed	CTD-2008F	lincRNA chr17	26559616	26562307	-	2692	12.32936	0.174224	0.613027	0.208439	2.941035	0.004073	0.02091	1
ENSG0000 response	Inflamed	NCDN	protein_cc chr1	36023074	36032875	+	4917	1087.31	0	-0.34282	0.116568	-2.94097	0.004074	0.02091	1
ENSG0000 response	Inflamed	RP5-1074L	antisense chr1	1.11E+08	1.11E+08	-	2611	12.60143	0.011933	-0.29061	0.09882	-2.94079	0.004076	0.020914	1
ENSG0000 response	Inflamed	LCNL1	protein_cc chr9	1.4E+08	1.4E+08	+	4052	57.88067	0.109785	-1.09373	0.37192	-2.94077	0.004076	0.020914	1
ENSG0000 response	Inflamed	TSHZ2	protein_cc chr20	51588946	52111869	+	12582	227.9236	0.004773	-0.6405	0.217842	-2.94023	0.004083	0.020943	1
ENSG0000 response	Inflamed	MLXIPL	protein_cc chr7	73007524	73038873	-	4815	344.7351	0.002387	0.793998	0.270074	2.939926	0.004086	0.020955	1
ENSG0000 response	Inflamed	ZCCHC12	protein_cc chrX	1.18E+08	1.18E+08	+	2231	6.288783	0.224344	-0.64811	0.220453	-2.93991	0.004087	0.020955	1
ENSG0000 response	Inflamed	RP11-474E	antisense chr12	1.06E+08	1.06E+08	-	549	1.272076	0.73031	0.399538	0.135945	2.938974	0.004098	0.021009	1
ENSG0000 response	Inflamed	ELMO2	protein_cc chr20	44994688	45061704	-	6714	1502.647	0	-0.29952	0.101932	-2.93843	0.004105	0.021039	1
ENSG0000 response	Inflamed	CTD-3162I	pseudoger chr19	36912438	36913436	+	999	1.257757	0.720764	-0.31538	0.107338	-2.9382	0.004107	0.021049	1
ENSG0000 response	Inflamed	HNMT	protein_cc chr2	1.39E+08	1.39E+08	+	4752	977.3532	0	0.348829	0.118735	2.937889	0.004111	0.021064	1
ENSG0000 response	Inflamed	RP11-398k	antisense chr6	73972938	74011124	+	6660	50.72315	0.009547	-0.5442	0.185281	-2.93714	0.00412	0.021103	1
ENSG0000 response	Inflamed	RP11-400M	lincRNA chr1	2.22E+08	2.22E+08	-	562	1.443914	0.794749	-0.54523	0.185633	-2.93713	0.00412	0.021103	1
ENSG0000 response	Inflamed	KCNJ10	protein_cc chr1	1.6E+08	1.6E+08	-	5293	116.1981	0.016706	-0.8424	0.286819	-2.93705	0.004121	0.021104	1
ENSG0000 response	Inflamed	CTSG	protein_cc chr14	25042728	25045466	-	1374	337.9761	0.002387	-0.82215	0.279941	-2.93688	0.004123	0.021111	1
ENSG0000 response	Inflamed	HES6	protein_cc chr2	2.39E+08	2.39E+08	-	2037	877.9284	0	0.432765	0.147359	2.936798	0.004124	0.021112	1
ENSG0000 response	Inflamed	PRSS33	protein_cc chr16	2833954	2837949	-	2112	52.52506	0.019093	-0.76343	0.259993	-2.93636	0.00413	0.02113	1
ENSG0000 response	Inflamed	DGAT2	protein_cc chr11	75470557	75512579	+	7904	420.8926	0	-0.54638	0.186073	-2.93634	0.00413	0.02113	1
ENSG0000 response	Inflamed	DDX10P1	pseudoger chr10	31207941	31210164	-	1933	1.350835	0.673031	-0.35605	0.121257	-2.93631	0.00413	0.02113	1
ENSG0000 response	Inflamed	CTA-246H	pseudoger chr22	25745510	25746289	-	780	26.39379	0.040573	0.567967	0.193452	2.935963	0.004135	0.021147	1
ENSG0000 response	Inflamed	PAPPA	protein_cc chr9	1.19E+08	1.19E+08	+	11573	523.8616	0.002387	-0.73818	0.251433	-2.9359	0.004135	0.021147	1
ENSG0000 response	Inflamed	GLI3	protein_cc chr7	42000548	42277469	-	9239	463.4916	0	-0.74142	0.252581	-2.93539	0.004142	0.02117	1
ENSG0000 response	Inflamed	CTD-2377I	lincRNA chr17	46760729	46781844	+	618	274.0072	0.016706	0.723726	0.246554	2.93536	0.004142	0.02117	1
ENSG0000 response	Inflamed	TRBV3-1	TR_V_gene chr7	1.42E+08	1.42E+08	+	391	20.11933	0.019093	-0.5515	0.187882	-2.93535	0.004142	0.02117	1
ENSG0000 response	Inflamed	RP11-168A	pseudoger chr5	79315432	79315743	+	312	1.749403	0.572792	-0.33318	0.113511	-2.93524	0.004143	0.021173	1
ENSG0000 response	Inflamed	RP11-513M	antisense chr9	19375449	19375994	+	546	21.08115	0.019093	0.476993	0.162525	2.934883	0.004148	0.021191	1
ENSG0000 response	Inflamed	RP11-325F	lincRNA chr7	1.05E+08	1.05E+08	-	640	136.6372	0.004773	0.739055	0.251872	2.93425	0.004156	0.021226	1
ENSG0000 response	Inflamed	PPP1R36	protein_cc chr14	65016620	65056098	+	3093	117.1432	0	0.44566	0.151947	2.932985	0.004171	0.021298	1
ENSG0000 response	Inflamed	CBR3	protein_cc chr21	37507210	37518864	+	1169	142.821	0	-0.45468	0.155026	-2.93293	0.004172	0.021298	1
ENSG0000 response	Inflamed	RP11-207C	antisense chr9	5719021	5720244	-	543	1.252983	0.677804	0.288382	0.098326	2.932913	0.004172	0.021298	1
ENSG0000 response	Inflamed	GULOP	pseudoger chr8	27417791	27446590	+	748	3.119332	0.494033	0.404233	0.137849	2.932426	0.004178	0.021321	1
ENSG0000 response	Inflamed	RP11-673E	pseudoger chr4	1.45E+08	1.45E+08	-	540	9.505967	0.062053	-0.47515	0.162035	-2.93242	0.004178	0.021321	1
ENSG0000 response	Inflamed	AP000640	antisense chr11	59436785	59443514	+	914	1.178998	0.720764	-0.31113	0.106109	-2.93215	0.004182	0.021333	1

ENSG0000 response	Inflamed	ADAM1A	pseudoger chr12	1.12E+08	1.12E+08	+	2976	267.3604	0	0.719374	0.245345	2.932093	0.004182	0.021333	1
ENSG0000 response	Inflamed	BST1	protein_cc chr4	15704573	15739936	+	2980	220.685	0	-0.46157	0.157454	-2.93146	0.00419	0.021369	1
ENSG0000 response	Inflamed	IL1R1	protein_cc chr2	1.03E+08	1.03E+08	+	7083	3582.11	0	-0.59363	0.20253	-2.93108	0.004195	0.021389	1
ENSG0000 response	Inflamed	PROM2	protein_cc chr2	95940201	95957056	+	6063	2546.945	0	0.586688	0.200297	2.929082	0.00422	0.021505	1
ENSG0000 response	Inflamed	RP11-792L	lincRNA chr4	79567057	79603853	+	2951	26.78759	0.00716	-0.50746	0.17325	-2.92904	0.00422	0.021505	1
ENSG0000 response	Inflamed	ZNF275	protein_cc chrX	1.53E+08	1.53E+08	+	8148	1484.933	0	-0.40728	0.139052	-2.92902	0.00422	0.021505	1
ENSG0000 response	Inflamed	CCDC58	protein_cc chr3	1.22E+08	1.22E+08	-	1746	266.4057	0	0.353289	0.120618	2.928998	0.004221	0.021505	1
ENSG0000 response	Inflamed	FARP2	protein_cc chr2	2.42E+08	2.42E+08	+	14413	3968.358	0	0.380106	0.129788	2.928654	0.004225	0.021522	1
ENSG0000 response	Inflamed	SAT1	protein_cc chrX	23801290	23804343	+	2498	12978.57	0	-0.41776	0.142662	-2.92833	0.004229	0.021539	1
ENSG0000 response	Inflamed	THRB-IT1	sense_intr chr3	24496627	24500925	-	1754	1.155131	0.742243	0.312942	0.106871	2.928216	0.004231	0.021542	1
ENSG0000 response	Inflamed	SNTG2	protein_cc chr2	946554	1371385	+	4469	12.51313	0.050119	-0.49401	0.168717	-2.92804	0.004233	0.021549	1
ENSG0000 response	Inflamed	HPD	protein_cc chr12	1.22E+08	1.22E+08	-	2232	11.40573	0.081146	-0.61713	0.210798	-2.9276	0.004238	0.021573	1
ENSG0000 response	Inflamed	PSMB9	protein_cc chr6	32811913	32827362	+	3072	2134.874	0	-0.40333	0.137795	-2.92703	0.004245	0.021605	1
ENSG0000 response	Inflamed	CALD1	protein_cc chr7	1.34E+08	1.35E+08	+	9930	3874.926	0	-0.60762	0.2076	-2.9269	0.004247	0.021609	1
ENSG0000 response	Inflamed	RP11-466A	sense_intr chr17	30856026	30857067	-	475	0.947494	0.754177	0.314993	0.107625	2.926765	0.004249	0.021611	1
ENSG0000 response	Inflamed	LPCAT3	protein_cc chr12	7085348	7125814	-	4724	3547.103	0	0.298794	0.102091	2.926745	0.004249	0.021611	1
ENSG0000 response	Inflamed	PLCXD3	protein_cc chr5	41307056	41510730	-	7731	9.832936	0.152745	0.733091	0.250492	2.926608	0.004251	0.021615	1
ENSG0000 response	Inflamed	IKZF3	protein_cc chr17	37921198	38020441	-	2778	422.0811	0.011933	-0.73124	0.249882	-2.92636	0.004254	0.021627	1
ENSG0000 response	Inflamed	ZDHHC11E	protein_cc chr5	710475	767067	-	3789	150.8544	0.016706	0.863014	0.29492	2.926265	0.004255	0.021629	1
ENSG0000 response	Inflamed	RP11-166G	sense_ove chr11	1.22E+08	1.22E+08	-	7117	209.1504	0.002387	-0.74218	0.25365	-2.92601	0.004258	0.021639	1
ENSG0000 response	Inflamed	FCER2	protein_cc chr19	7753644	7767032	-	2367	279.21	0	-0.81615	0.278933	-2.92598	0.004259	0.021639	1
ENSG0000 response	Inflamed	IL37	protein_cc chr2	1.14E+08	1.14E+08	+	839	7.071599	0.221957	0.594511	0.203191	2.925879	0.00426	0.021641	1
ENSG0000 response	Inflamed	SAMD15	protein_cc chr14	77843032	77857840	+	2616	15.8043	0.026253	-0.47448	0.162199	-2.92533	0.004267	0.021672	1
ENSG0000 response	Inflamed	WI2-2373I	lincRNA chr7	331310	334388	+	530	1.042959	0.763723	0.274265	0.093772	2.924806	0.004273	0.021701	1
ENSG0000 response	Inflamed	PALM2-AK	protein_cc chr9	1.13E+08	1.13E+08	+	8203	5.945107	0.295943	-0.65385	0.223592	-2.92428	0.00428	0.021731	1
ENSG0000 response	Inflamed	EHD1	protein_cc chr11	64619114	64655768	-	7088	6488.365	0	-0.3684	0.125989	-2.92405	0.004283	0.021741	1
ENSG0000 response	Inflamed	STK32B	protein_cc chr4	5053169	5502725	+	5324	84.88783	0.002387	-0.50403	0.172393	-2.92375	0.004287	0.021756	1
ENSG0000 response	Inflamed	RP11-368L	lincRNA chr16	63348168	63651950	-	813	2.811456	0.451074	-0.41685	0.142611	-2.92298	0.004296	0.021801	1
ENSG0000 response	Inflamed	PAFAH2	protein_cc chr1	26286258	26324648	-	3835	2027.525	0	0.343569	0.117557	2.922565	0.004302	0.021821	1
ENSG0000 response	Inflamed	HMOX1	protein_cc chr22	35776354	35790207	+	2405	3157.811	0	-0.43459	0.148702	-2.92255	0.004302	0.021821	1
ENSG0000 response	Inflamed	AOAH-IT1	sense_intr chr7	36637440	36639726	-	573	0.854415	0.799523	-0.35369	0.121052	-2.92181	0.004311	0.021861	1
ENSG0000 response	Inflamed	KRT8	protein_cc chr12	53290977	53343738	-	5005	186435	0	0.571728	0.195677	2.921797	0.004312	0.021861	1
ENSG0000 response	Inflamed	MIER3	protein_cc chr5	56215429	56267502	-	5763	2505.458	0	0.772986	0.264575	2.921616	0.004314	0.021866	1
ENSG0000 response	Inflamed	TMEM164	protein_cc chrX	1.09E+08	1.09E+08	+	6583	6632.444	0	0.365302	0.125035	2.92159	0.004314	0.021866	1
ENSG0000 response	Inflamed	IL17RB	protein_cc chr3	53880607	53899827	+	3038	483.494	0	0.568154	0.194497	2.921144	0.00432	0.021891	1
ENSG0000 response	Inflamed	BNIP3L	protein_cc chr8	26240414	26363152	+	4307	1554.098	0	-0.40064	0.13716	-2.92099	0.004322	0.021896	1
ENSG0000 response	Inflamed	SLC45A3	protein_cc chr1	2.06E+08	2.06E+08	-	3702	1700.766	0	0.368011	0.126001	2.920688	0.004326	0.021909	1
ENSG0000 response	Inflamed	RP11-476G	lincRNA chr12	40534728	40536678	-	1951	2.073986	0.656325	-0.54761	0.187496	-2.92066	0.004326	0.021909	1
ENSG0000 response	Inflamed	CASP6	protein_cc chr4	1.11E+08	1.11E+08	-	1936	999.642	0	0.407233	0.139437	2.920559	0.004327	0.021911	1
ENSG0000 response	Inflamed	GFI1B	protein_cc chr9	1.36E+08	1.36E+08	+	2467	67.91647	0.002387	0.440908	0.150974	2.920417	0.004329	0.021914	1

ENSG0000 response	Inflamed	RP11-433J lincRNA	chr14	97059070	97062099	+	3030	4.212411	0.424821	-0.56969	0.195073	-2.92038	0.00433	0.021914	1
ENSG0000 response	Inflamed	LTB4R	protein_cc chr14	24780656	24787242	+	4465	359.8473	0	-0.42281	0.144785	-2.92026	0.004331	0.021918	1
ENSG0000 response	Inflamed	FADS6	protein_cc chr17	72873428	72889708	-	2636	69.03341	0.178998	1.198926	0.410567	2.920172	0.004332	0.02192	1
ENSG0000 response	Inflamed	NEXN	protein_cc chr1	78354198	78409580	+	4624	181.8043	0	-0.59628	0.204222	-2.91974	0.004338	0.021943	1
ENSG0000 response	Inflamed	THOC5	protein_cc chr22	29901868	29951205	-	7878	806.4916	0	-0.22995	0.078764	-2.91953	0.00434	0.021953	1
ENSG0000 response	Inflamed	TMEM38A	protein_cc chr19	16771938	16800840	+	3005	205.7971	0	0.355017	0.121618	2.919126	0.004346	0.021975	1
ENSG0000 response	Inflamed	RAB30	protein_cc chr11	82684175	82782965	-	11701	717.3007	0	-0.53009	0.1816	-2.91897	0.004348	0.021981	1
ENSG0000 response	Inflamed	ZBTB47	protein_cc chr3	42695176	42709072	+	5507	818.7542	0	-0.46857	0.16059	-2.91779	0.004363	0.022053	1
ENSG0000 response	Inflamed	RNF5	protein_cc chr6	32146131	32151930	+	2043	1492.2	0	0.236583	0.081093	2.917438	0.004367	0.022072	1
ENSG0000 response	Inflamed	CHP1	protein_cc chr15	41523037	41574043	+	3905	11625.8	0	0.365947	0.125438	2.917354	0.004368	0.022073	1
ENSG0000 response	Inflamed	AKAP5	protein_cc chr14	64932217	64941221	+	7512	404.5179	0	0.65239	0.223639	2.917165	0.004371	0.022081	1
ENSG0000 response	Inflamed	JUP	protein_cc chr17	39775692	39943183	-	5963	21563.08	0	0.412674	0.141481	2.916813	0.004375	0.022098	1
ENSG0000 response	Inflamed	RP11-466A antisense	chr17	30822554	30826351	+	2480	4.26969	0.513126	-0.55016	0.18862	-2.91677	0.004376	0.022098	1
ENSG0000 response	Inflamed	KCNQ5	protein_cc chr6	73331520	73908574	+	7600	21.87589	0.047733	-0.6913	0.237033	-2.91647	0.00438	0.022113	1
ENSG0000 response	Inflamed	NXT1	protein_cc chr20	23331373	23335414	+	1123	340.5251	0	-0.26809	0.091927	-2.91637	0.004381	0.022113	1
ENSG0000 response	Inflamed	FOSL1	protein_cc chr11	65659520	65668044	-	1887	335.6181	0.011933	-1.06299	0.364495	-2.91635	0.004381	0.022113	1
ENSG0000 response	Inflamed	RP11-771F pseudoger	chr8	1.05E+08	1.05E+08	+	749	0.880668	0.787589	0.279528	0.095868	2.915756	0.004389	0.022147	1
ENSG0000 response	Inflamed	MNX1-AS2 antisense	chr7	1.57E+08	1.57E+08	+	374	2.665871	0.470167	0.36016	0.123547	2.91516	0.004397	0.022182	1
ENSG0000 response	Inflamed	FERMT2	protein_cc chr14	53323986	53419153	-	8510	758.6993	0	-0.57774	0.19819	-2.91508	0.004398	0.022183	1
ENSG0000 response	Inflamed	PRR19	protein_cc chr19	42806250	42814973	+	2575	26.19093	0.002387	-0.32973	0.113137	-2.91445	0.004406	0.02222	1
ENSG0000 response	Inflamed	RGL2	protein_cc chr6	33259431	33267101	-	4636	1825.578	0	-0.29857	0.102448	-2.91438	0.004407	0.02222	1
ENSG0000 response	Inflamed	NFKBIZ	protein_cc chr3	1.02E+08	1.02E+08	+	5902	4512.265	0	-0.58091	0.199366	-2.91377	0.004415	0.022256	1
ENSG0000 response	Inflamed	CPQ	protein_cc chr8	97657455	98161882	+	3457	846.1575	0	-0.3293	0.113018	-2.9137	0.004416	0.022257	1
ENSG0000 response	Inflamed	RASSF9	protein_cc chr12	86198331	86230348	-	1826	17.09308	0.059666	-0.64499	0.221381	-2.91347	0.004419	0.022267	1
ENSG0000 response	Inflamed	AC007966 antisense	chr2	1.87E+08	1.87E+08	-	1472	2.451074	0.52506	0.477336	0.163854	2.913177	0.004422	0.022282	1
ENSG0000 response	Inflamed	C20orf202 protein_cc	chr20	1184098	1188918	+	1604	14.7327	0.026253	-0.47732	0.163877	-2.91264	0.004429	0.022313	1
ENSG0000 response	Inflamed	RP11-452I pseudoger	chr14	52753515	52755986	+	1949	17.47494	0.138425	0.750801	0.257796	2.912386	0.004433	0.022325	1
ENSG0000 response	Inflamed	RP11-395L pseudoger	chr2	1.14E+08	1.14E+08	-	698	21.41766	0.045346	0.544211	0.186866	2.912311	0.004434	0.022326	1
ENSG0000 response	Inflamed	PODXL2	protein_cc chr3	1.27E+08	1.27E+08	+	2186	914.1647	0	0.310572	0.106651	2.912044	0.004437	0.022339	1
ENSG0000 response	Inflamed	RP11-277E antisense	chr1	1.67E+08	1.67E+08	-	682	11.15274	0.0358	0.453495	0.155734	2.911991	0.004438	0.022339	1
ENSG0000 response	Inflamed	RP11-10J2 lincRNA	chr8	1.42E+08	1.42E+08	+	294	3.809069	0.357995	0.415954	0.142858	2.911656	0.004442	0.02235	1
ENSG0000 response	Inflamed	TTC25	processed_chr17	40086888	40117648	+	2282	8.424821	0.057279	-0.4388	0.150704	-2.91164	0.004443	0.02235	1
ENSG0000 response	Inflamed	SMPD2	protein_cc chr6	1.1E+08	1.1E+08	+	2014	813.8711	0	0.237653	0.081622	2.911623	0.004443	0.02235	1
ENSG0000 response	Inflamed	MED9	protein_cc chr17	17380300	17396540	+	2940	671.4057	0	0.182644	0.062748	2.910761	0.004454	0.022394	1
ENSG0000 response	Inflamed	LINC00539 lincRNA	chr13	21877654	21922860	-	1859	12.46301	0.019093	-0.5061	0.173873	-2.91076	0.004454	0.022394	1
ENSG0000 response	Inflamed	METTL1	protein_cc chr12	58162254	58166576	-	2621	415.5203	0	-0.26908	0.092443	-2.91075	0.004454	0.022394	1
ENSG0000 response	Inflamed	SPCS2P4	pseudoger chr1	28421582	28422933	-	1352	77.03341	0	-0.31426	0.10798	-2.91035	0.004459	0.022417	1
ENSG0000 response	Inflamed	OBSL1	protein_cc chr2	2.2E+08	2.2E+08	-	9731	672.2172	0	-0.50659	0.174071	-2.91023	0.004461	0.02242	1
ENSG0000 response	Inflamed	RP11-61J1 lincRNA	chr1	2.13E+08	2.13E+08	+	1899	9.980907	0.100239	0.482774	0.165908	2.909897	0.004465	0.022438	1
ENSG0000 response	Inflamed	RIPK3	protein_cc chr14	24805227	24809251	-	3256	1702.866	0	0.293023	0.10071	2.909571	0.00447	0.022455	1

ENSG0000 response	Inflamed	RP11-446E	lincRNA	chr8	56926046	56926727	+	682	9.281623	0.059666	-0.42863	0.147353	-2.9089	0.004479	0.022496	1
ENSG0000 response	Inflamed	RNASEK-C:	protein_cc	chr17	6915954	6920839	+	1947	39.93556	0	-0.32338	0.111174	-2.90874	0.004481	0.022502	1
ENSG0000 response	Inflamed	RASL11B	protein_cc	chr4	53728457	53733000	+	2470	25.16706	0.019093	-0.55	0.189106	-2.90842	0.004485	0.022519	1
ENSG0000 response	Inflamed	AKR7A3	protein_cc	chr1	19609052	19615744	-	1710	1949.415	0	0.566812	0.194891	2.908356	0.004486	0.022519	1
ENSG0000 response	Inflamed	PITX2	protein_cc	chr4	1.12E+08	1.12E+08	-	5629	410.5418	0.155131	1.262475	0.434139	2.907995	0.00449	0.022535	1
ENSG0000 response	Inflamed	RP11-884k	antisense	chr3	53831791	53832046	-	256	1.720764	0.661098	0.328556	0.112985	2.90796	0.004491	0.022535	1
ENSG0000 response	Inflamed	RP11-156E	protein_cc	chr1	2.45E+08	2.45E+08	-	1739	27.84248	0.011933	0.537269	0.184761	2.907906	0.004492	0.022535	1
ENSG0000 response	Inflamed	RAB42	protein_cc	chr1	28918712	28921955	+	2180	191.6993	0	-0.31401	0.107993	-2.90767	0.004495	0.022547	1
ENSG0000 response	Inflamed	SIX5	protein_cc	chr19	46268043	46272484	-	3556	790.2649	0	-0.33614	0.115615	-2.90742	0.004498	0.022559	1
ENSG0000 response	Inflamed	TRIM54	protein_cc	chr2	27505260	27530307	+	2764	8.548926	0.128878	0.508624	0.174948	2.907284	0.0045	0.022564	1
ENSG0000 response	Inflamed	KB-1980E	protein_cc	chr8	1.04E+08	1.04E+08	+	1231	5.76611	0.217184	-0.57153	0.196607	-2.90698	0.004504	0.02258	1
ENSG0000 response	Inflamed	ASTN1	protein_cc	chr1	1.77E+08	1.77E+08	-	9225	25.19332	0.081146	-0.84127	0.289417	-2.90679	0.004506	0.022588	1
ENSG0000 response	Inflamed	NCAM2	protein_cc	chr21	22370633	22915650	+	8732	28.03819	0.031026	-0.67426	0.232026	-2.90595	0.004518	0.02264	1
ENSG0000 response	Inflamed	RP11-27N	lincRNA	chr8	80680377	80715077	+	789	1.875895	0.575179	0.359229	0.123623	2.905844	0.004519	0.022642	1
ENSG0000 response	Inflamed	IGHEP1	IG_C_pseu	chr14	1.06E+08	1.06E+08	-	745	1.892601	0.630072	-0.42242	0.145384	-2.90554	0.004523	0.022659	1
ENSG0000 response	Inflamed	RP11-514F	sense_intr	chr11	36408071	36409800	+	151	3.28401	0.396181	0.452469	0.155738	2.905311	0.004526	0.022669	1
ENSG0000 response	Inflamed	CACNA2D1	protein_cc	chr7	81575760	82073114	-	9010	161.494	0.002387	-0.61005	0.210053	-2.90425	0.00454	0.022736	1
ENSG0000 response	Inflamed	LINGO3	protein_cc	chr19	2289774	2308156	-	2332	4.107399	0.27685	-0.46953	0.161691	-2.90387	0.004545	0.022756	1
ENSG0000 response	Inflamed	GINS4	protein_cc	chr8	41386725	41402565	+	5475	328.1766	0.002387	-0.39925	0.137509	-2.90347	0.004551	0.022779	1
ENSG0000 response	Inflamed	LRCH2	protein_cc	chrX	1.14E+08	1.14E+08	-	4923	52.41289	0.011933	-0.6201	0.213607	-2.90299	0.004557	0.022807	1
ENSG0000 response	Inflamed	DOCK4	protein_cc	chr7	1.11E+08	1.12E+08	-	11351	673.9021	0	-0.54812	0.188826	-2.90276	0.00456	0.022818	1
ENSG0000 response	Inflamed	TCN2	protein_cc	chr22	31002825	31023265	+	3122	1909.952	0	-0.295	0.101633	-2.90262	0.004562	0.022823	1
ENSG0000 response	Inflamed	RP1-117B1	antisense	chr17	48473799	48475249	+	715	23.72554	0.009547	0.506771	0.174608	2.902337	0.004566	0.022838	1
ENSG0000 response	Inflamed	ADGB	protein_cc	chr6	1.47E+08	1.47E+08	+	7773	7.463007	0.205251	0.521512	0.179709	2.901985	0.004571	0.022857	1
ENSG0000 response	Inflamed	SPHK2	protein_cc	chr19	49122548	49133974	+	6008	1569.181	0	0.290942	0.100288	2.901075	0.004583	0.022914	1
ENSG0000 response	Inflamed	WIPF2	protein_cc	chr17	38375556	38440388	+	8123	4771.368	0	0.29631	0.102152	2.900695	0.004588	0.022935	1
ENSG0000 response	Inflamed	CMKLR1	protein_cc	chr12	1.09E+08	1.09E+08	-	5690	1664.907	0	-0.3914	0.134958	-2.90014	0.004595	0.022968	1
ENSG0000 response	Inflamed	B4GALNT1	protein_cc	chr12	58017193	58027138	-	8003	125.8138	0.004773	-0.64996	0.224126	-2.9	0.004597	0.022973	1
ENSG0000 response	Inflamed	MALL	protein_cc	chr2	1.11E+08	1.11E+08	-	3167	2365.384	0	0.460379	0.15876	2.899851	0.004599	0.022979	1
ENSG0000 response	Inflamed	REG1B	protein_cc	chr2	79312156	79315145	-	2384	3166.057	0.107399	-2.19619	0.757375	-2.89974	0.004601	0.022982	1
ENSG0000 response	Inflamed	TOX	protein_cc	chr8	59717977	60031767	-	4131	669.9642	0	0.403146	0.139069	2.898892	0.004612	0.023035	1
ENSG0000 response	Inflamed	RP11-465L	antisense	chr20	44642141	44650712	-	2242	2.441527	0.498807	-0.44208	0.152516	-2.89856	0.004617	0.023053	1
ENSG0000 response	Inflamed	TUBBP5	pseudoger	chr9	1.41E+08	1.41E+08	+	2712	75.39857	0.050119	0.529809	0.182878	2.89707	0.004637	0.02315	1
ENSG0000 response	Inflamed	GAL3ST1	protein_cc	chr22	30950622	30970574	-	3019	231.8663	0	0.616785	0.212914	2.896865	0.00464	0.023159	1
ENSG0000 response	Inflamed	PI3	protein_cc	chr20	43803517	43805185	+	577	16065.03	0	-1.03377	0.356924	-2.89633	0.004647	0.023191	1
ENSG0000 response	Inflamed	PVALB	protein_cc	chr22	37196728	37215523	-	1050	5.789976	0.217184	-0.53108	0.183385	-2.89598	0.004652	0.023211	1
ENSG0000 response	Inflamed	FBXL16	protein_cc	chr16	742500	755829	-	3987	153.6754	0.004773	-0.45743	0.157964	-2.89579	0.004654	0.023219	1
ENSG0000 response	Inflamed	MMP24-A:	antisense	chr20	33804265	33865934	-	3983	2965.461	0	0.251987	0.087038	2.89515	0.004663	0.023258	1
ENSG0000 response	Inflamed	MDH1	protein_cc	chr2	63815743	63834331	+	4993	2872.826	0	0.256819	0.08871	2.895048	0.004665	0.023261	1
ENSG0000 response	Inflamed	MIR3936	miRNA	chr5	1.32E+08	1.32E+08	-	110	8.980907	0.145585	0.530743	0.183344	2.894792	0.004668	0.023274	1

ENSG0000 response	Inflamed	CIITA	protein_cc chr16	10971055	11026079	+	12036	3802.305	0	-0.57771	0.199588	-2.8945	0.004672	0.02329	1
ENSG0000 response	Inflamed	CCIN	protein_cc chr9	36169389	36171329	+	1941	3.245823	0.443914	-0.52934	0.182884	-2.89438	0.004674	0.023293	1
ENSG0000 response	Inflamed	KRT20	protein_cc chr17	39032193	39041479	-	1846	35583	0	0.9875	0.341197	2.894221	0.004676	0.0233	1
ENSG0000 response	Inflamed	MSL3	protein_cc chrX	11776278	11793870	+	6494	1039.131	0	-0.42969	0.148476	-2.89402	0.004679	0.023309	1
ENSG0000 response	Inflamed	DZIP1	protein_cc chr13	96230457	96296957	-	8469	309.5322	0.002387	-0.54812	0.189425	-2.89362	0.004684	0.023332	1
ENSG0000 response	Inflamed	CTD-2196f	antisense chr16	23698370	23699665	-	473	30.36516	0.02148	0.578984	0.200096	2.893527	0.004685	0.023334	1
ENSG0000 response	Inflamed	ADAMTS1	protein_cc chr15	1.01E+08	1.01E+08	-	7800	157.6778	0.002387	0.39465	0.136407	2.893178	0.00469	0.023353	1
ENSG0000 response	Inflamed	IGHV3-38	IG_V_gene chr14	1.07E+08	1.07E+08	-	426	1.601432	0.72315	-0.42981	0.148563	-2.89309	0.004691	0.023355	1
ENSG0000 response	Inflamed	RPN2	protein_cc chr20	35806813	35870022	+	2815	11918.03	0	-0.32463	0.112235	-2.89241	0.004701	0.023397	1
ENSG0000 response	Inflamed	TRBV19	TR_V_gene chr7	1.42E+08	1.42E+08	+	552	38.06205	0.00716	-0.5594	0.193418	-2.89218	0.004704	0.023409	1
ENSG0000 response	Inflamed	BLCAP	protein_cc chr20	36120874	36156333	-	3927	2834.516	0	0.257162	0.08892	2.892064	0.004706	0.023412	1
ENSG0000 response	Inflamed	R3HDM4	protein_cc chr19	896503	913240	-	2961	3778.84	0	-0.26934	0.093136	-2.89191	0.004708	0.023416	1
ENSG0000 response	Inflamed	RP1-244F2	antisense chr6	45388816	45389742	-	927	27.52745	0.026253	-0.588	0.203327	-2.89188	0.004708	0.023416	1
ENSG0000 response	Inflamed	C15orf54	protein_cc chr15	39542885	39547046	+	3078	1.599045	0.708831	-0.50297	0.173948	-2.89148	0.004714	0.023439	1
ENSG0000 response	Inflamed	KLF7-IT1	sense_intr chr2	2.08E+08	2.08E+08	-	655	2.840095	0.381862	-0.43212	0.149454	-2.8913	0.004716	0.023447	1
ENSG0000 response	Inflamed	ITPR1	protein_cc chr3	4535032	4889524	+	12902	1010.924	0	-0.55807	0.193047	-2.89083	0.004723	0.023475	1
ENSG0000 response	Inflamed	SLCO5A1	protein_cc chr8	70579282	70747299	-	9992	104.3628	0.004773	-0.52883	0.182939	-2.89077	0.004723	0.023475	1
ENSG0000 response	Inflamed	CCDC13	protein_cc chr3	42734155	42814745	-	4966	51.73031	0.004773	0.496498	0.171775	2.890399	0.004729	0.023494	1
ENSG0000 response	Inflamed	RP11-739f	antisense chr1	2.04E+08	2.04E+08	+	486	2.472554	0.420048	0.371645	0.128581	2.89035	0.004729	0.023494	1
ENSG0000 response	Inflamed	RP11-483E	lincRNA chr3	1.5E+08	1.5E+08	-	335	0.866348	0.785203	0.232107	0.080311	2.890108	0.004733	0.023507	1
ENSG0000 response	Inflamed	CTB-176F2	antisense chr19	23506770	23511903	+	5134	1.548926	0.625298	0.348133	0.120463	2.889958	0.004735	0.023512	1
ENSG0000 response	Inflamed	STXBP6	protein_cc chr14	25278862	25519503	-	8067	606.0597	0	0.437323	0.151328	2.889903	0.004735	0.023512	1
ENSG0000 response	Inflamed	MAGI3	protein_cc chr1	1.14E+08	1.14E+08	+	8180	1450.095	0	0.539726	0.186804	2.88927	0.004744	0.023551	1
ENSG0000 response	Inflamed	GDE1	protein_cc chr16	19513015	19533467	-	4412	3942.981	0	0.268088	0.092802	2.888818	0.004751	0.023578	1
ENSG0000 response	Inflamed	AC010525	lincRNA chr19	56207251	56209196	+	537	33.59666	0.038186	0.592581	0.205153	2.888491	0.004755	0.023595	1
ENSG0000 response	Inflamed	ADH6	protein_cc chr4	1E+08	1E+08	-	4401	474.0095	0.009547	0.739221	0.255924	2.888436	0.004756	0.023595	1
ENSG0000 response	Inflamed	TRPM2	protein_cc chr21	45770046	45862964	+	6705	743.1957	0	-0.3418	0.118337	-2.88834	0.004757	0.023597	1
ENSG0000 response	Inflamed	CHMP4C	protein_cc chr8	82644669	82671750	+	1866	646.136	0	0.527811	0.182764	2.887938	0.004763	0.023621	1
ENSG0000 response	Inflamed	FGD1	protein_cc chrX	54471887	54522599	-	4275	336.4893	0	-0.43994	0.152351	-2.88771	0.004766	0.023632	1
ENSG0000 response	Inflamed	CD69	protein_cc chr12	9905082	9913497	-	2832	211.7995	0	-0.62535	0.216624	-2.8868	0.004779	0.023691	1
ENSG0000 response	Inflamed	PLA2G5	protein_cc chr1	20354672	20417683	+	2607	22.50835	0.02148	-0.63882	0.221347	-2.88608	0.004789	0.023736	1
ENSG0000 response	Inflamed	GRB2	protein_cc chr17	73314157	73401790	-	4716	4592.427	0	-0.24037	0.083293	-2.8858	0.004793	0.023751	1
ENSG0000 response	Inflamed	CYP3A4	protein_cc chr7	99354604	99381888	-	3120	286.0382	0.090692	1.474807	0.511071	2.885717	0.004794	0.023752	1
ENSG0000 response	Inflamed	GSN	protein_cc chr9	1.24E+08	1.24E+08	+	11097	32104.5	0	0.360321	0.124879	2.88536	0.004799	0.023773	1
ENSG0000 response	Inflamed	INCA1	protein_cc chr17	4891425	4900905	-	1553	54.75179	0	0.330048	0.114413	2.884706	0.004808	0.023814	1
ENSG0000 response	Inflamed	Y_RNA	misc_RNA chr16	15009314	15009413	-	100	42.68019	0.059666	0.510976	0.17714	2.884588	0.00481	0.023818	1
ENSG0000 response	Inflamed	OR1J4	protein_cc chr9	1.25E+08	1.25E+08	+	942	2.298329	0.639618	-0.57672	0.199942	-2.88445	0.004812	0.023822	1
ENSG0000 response	Inflamed	ATP1A4	protein_cc chr1	1.6E+08	1.6E+08	+	6284	7.541766	0.198091	-0.5174	0.179379	-2.88439	0.004812	0.023822	1
ENSG0000 response	Inflamed	YPEL5	protein_cc chr2	30369807	30383399	+	3421	1816.983	0	-0.30426	0.105498	-2.88403	0.004818	0.023839	1
ENSG0000 response	Inflamed	AC138517	protein_cc chr5	1.39E+08	1.39E+08	+	399	90.1957	0.009547	0.595138	0.206357	2.884023	0.004818	0.023839	1

ENSG0000 response	Inflamed	AP001044	lincRNA	chr21	40285093	40287072	-	407	5.190931	0.143198	0.42731	0.148173	2.883859	0.00482	0.023846	1
ENSG0000 response	Inflamed	AC006026	antisense	chr7	23719814	23720405	-	143	8.935561	0.121718	0.472283	0.163791	2.883454	0.004826	0.02387	1
ENSG0000 response	Inflamed	SDSL	protein_cc	chr12	1.14E+08	1.14E+08	+	2216	509.148	0	0.259877	0.090143	2.882946	0.004833	0.023901	1
ENSG0000 response	Inflamed	PDE4C	protein_cc	chr19	18318771	18366229	-	8532	632.2625	0	0.542429	0.188177	2.88255	0.004838	0.023923	1
ENSG0000 response	Inflamed	STAC3	protein_cc	chr12	57637236	57644976	-	2096	110.9952	0	-0.26119	0.090613	-2.8825	0.004839	0.023923	1
ENSG0000 response	Inflamed	RP11-384C	lincRNA	chr2	2.23E+08	2.23E+08	-	1412	8.195704	0.171838	-0.64455	0.223671	-2.88169	0.004851	0.023975	1
ENSG0000 response	Inflamed	AC009133	antisense	chr16	29829301	29832573	-	1125	330.7542	0	0.557835	0.193616	2.881146	0.004858	0.024002	1
ENSG0000 response	Inflamed	FAM216A	protein_cc	chr12	1.11E+08	1.11E+08	+	2753	62.43198	0.002387	-0.47576	0.165131	-2.88113	0.004859	0.024002	1
ENSG0000 response	Inflamed	SLC23A3	protein_cc	chr2	2.2E+08	2.2E+08	-	6531	461.0382	0.002387	0.693464	0.240693	2.88111	0.004859	0.024002	1
ENSG0000 response	Inflamed	ZP3	protein_cc	chr7	76026835	76071388	+	2716	115.4248	0	0.392214	0.136144	2.88088	0.004862	0.024014	1
ENSG0000 response	Inflamed	CCDC162P	pseudoger	chr6	1.1E+08	1.1E+08	+	3773	206.8759	0	0.824821	0.286315	2.880812	0.004863	0.024014	1
ENSG0000 response	Inflamed	CTC-471F3	lincRNA	chr19	40526292	40526948	+	657	3.183771	0.341289	-0.42759	0.148442	-2.8805	0.004868	0.024031	1
ENSG0000 response	Inflamed	LRRC1	protein_cc	chr6	53659295	53788919	+	4897	2175.89	0	0.576074	0.199995	2.880446	0.004868	0.024031	1
ENSG0000 response	Inflamed	RP11-263k	lincRNA	chr12	82906456	82909596	+	3141	0.906921	0.787589	0.29573	0.102675	2.880258	0.004871	0.02404	1
ENSG0000 response	Inflamed	AP001610	lincRNA	chr21	42931052	42934885	-	422	21.51074	0.0358	0.68479	0.237766	2.880098	0.004873	0.024046	1
ENSG0000 response	Inflamed	NIPSNAP3	protein_cc	chr9	1.08E+08	1.08E+08	+	2585	734.5776	0	0.320103	0.111147	2.880009	0.004875	0.024048	1
ENSG0000 response	Inflamed	MRRF	protein_cc	chr9	1.25E+08	1.25E+08	+	3162	959.9952	0	0.303106	0.105249	2.87989	0.004876	0.024052	1
ENSG0000 response	Inflamed	HSD17B1P	pseudoger	chr17	40698782	40700724	+	955	3.167064	0.329356	0.376207	0.130636	2.879821	0.004877	0.024052	1
ENSG0000 response	Inflamed	C11orf80	protein_cc	chr11	66511922	66610987	+	3953	736.3771	0	-0.25953	0.090132	-2.87943	0.004883	0.024076	1
ENSG0000 response	Inflamed	RP11-386M	lincRNA	chr15	93138790	93139692	-	374	5.651551	0.303103	0.57288	0.198962	2.879339	0.004884	0.024077	1
ENSG0000 response	Inflamed	PTCHD3	protein_cc	chr10	27687116	27703297	-	2529	1.455847	0.775656	-0.41678	0.144756	-2.87921	0.004886	0.02408	1
ENSG0000 response	Inflamed	AC110771	protein_cc	chr4	1.87E+08	1.87E+08	-	714	4.01432	0.202864	0.370837	0.1288	2.879171	0.004887	0.02408	1
ENSG0000 response	Inflamed	WASL	protein_cc	chr7	1.23E+08	1.23E+08	-	4435	3789.232	0	0.472545	0.164132	2.879051	0.004888	0.024084	1
ENSG0000 response	Inflamed	RP4-536B2	lincRNA	chr16	87807094	87812980	-	802	1.417661	0.644391	-0.35479	0.12324	-2.87881	0.004892	0.024096	1
ENSG0000 response	Inflamed	ATG13	protein_cc	chr11	46638826	46696368	+	7315	4245.456	0	-0.15436	0.053625	-2.87845	0.004897	0.024114	1
ENSG0000 response	Inflamed	PDE6G	protein_cc	chr17	79617489	79630142	-	1583	60.18138	0	-0.46822	0.162666	-2.87843	0.004897	0.024114	1
ENSG0000 response	Inflamed	ITGA1	protein_cc	chr5	52083730	52255040	+	18566	1712.74	0	-0.47634	0.165493	-2.87834	0.004898	0.024114	1
ENSG0000 response	Inflamed	BSPRY	protein_cc	chr9	1.16E+08	1.16E+08	+	2339	1428.11	0	0.436772	0.151746	2.878301	0.004899	0.024114	1
ENSG0000 response	Inflamed	TUSC3	protein_cc	chr8	15274724	15624158	+	5190	340.568	0	-0.49184	0.170935	-2.87739	0.004912	0.024174	1
ENSG0000 response	Inflamed	TFR2	protein_cc	chr7	1E+08	1E+08	-	5065	46.90215	0	-0.366	0.127206	-2.87721	0.004915	0.024182	1
ENSG0000 response	Inflamed	RP11-213f	lincRNA	chr5	90575914	90576959	-	1046	1.026253	0.785203	-0.36319	0.126235	-2.87708	0.004916	0.024187	1
ENSG0000 response	Inflamed	BYSL	protein_cc	chr6	41888926	41900784	+	2248	463.9165	0	-0.25836	0.089803	-2.87693	0.004919	0.024193	1
ENSG0000 response	Inflamed	TIMP2	protein_cc	chr17	76849059	76921469	-	5633	12777.42	0	-0.45423	0.157894	-2.87683	0.00492	0.024195	1
ENSG0000 response	Inflamed	PLTP	protein_cc	chr20	44527399	44540794	-	2402	2864.146	0	-0.46452	0.161479	-2.87667	0.004922	0.024202	1
ENSG0000 response	Inflamed	SWAP70	protein_cc	chr11	9685624	9774538	+	7190	1531.957	0	-0.50862	0.176825	-2.8764	0.004926	0.024217	1
ENSG0000 response	Inflamed	CTNNA3	protein_cc	chr10	67672276	69455927	-	11133	8.441527	0.136038	-0.50612	0.175969	-2.87619	0.004929	0.024227	1
ENSG0000 response	Inflamed	UQCRC2	protein_cc	chr16	21963981	21994981	+	4992	6792.983	0	0.363625	0.126468	2.875229	0.004943	0.024291	1
ENSG0000 response	Inflamed	B3GALT5	protein_cc	chr21	40928369	41045064	+	14191	10385.09	0	0.939736	0.326889	2.874787	0.004949	0.024317	1
ENSG0000 response	Inflamed	POM121L5	pseudoger	chr22	24647796	24661493	+	5137	71.59189	0.023866	-0.78774	0.274031	-2.87462	0.004952	0.024325	1
ENSG0000 response	Inflamed	RNU6-353	snRNA	chr15	43994561	43994668	+	108	1.923628	0.565632	0.352828	0.122743	2.87453	0.004953	0.024326	1

ENSG0000 response	Inflamed	PIP4K2A	protein_cc chr10	22823778	23003484	-	5088	1494.613	0	-0.422	0.146851	-2.87365	0.004966	0.024384	1
ENSG0000 response	Inflamed	TRAV36DV	TR_V_gene chr14	22694641	22695149	+	356	4.133652	0.281623	-0.47821	0.166424	-2.87344	0.004969	0.024393	1
ENSG0000 response	Inflamed	FBXO31	protein_cc chr16	87360593	87425748	-	6810	2351.888	0	0.287578	0.100083	2.873401	0.00497	0.024393	1
ENSG0000 response	Inflamed	PDE10A	protein_cc chr6	1.66E+08	1.66E+08	-	10384	121.0119	0.019093	-0.7847	0.273106	-2.87325	0.004972	0.0244	1
ENSG0000 response	Inflamed	PHLPP2	protein_cc chr16	71671738	71758604	-	12493	3004.675	0	0.700497	0.243813	2.873094	0.004974	0.024406	1
ENSG0000 response	Inflamed	AC079630	antisense chr12	40579811	40617605	-	585	2.606205	0.472554	-0.4395	0.15302	-2.87215	0.004988	0.024469	1
ENSG0000 response	Inflamed	CPNE9	protein_cc chr3	9745491	9771592	+	2332	4.078759	0.171838	-0.40328	0.140444	-2.87148	0.004997	0.024512	1
ENSG0000 response	Inflamed	IGHV3-71	IG_V_pseu chr14	1.07E+08	1.07E+08	-	359	5.260143	0.267303	-0.51445	0.179196	-2.87086	0.005007	0.024549	1
ENSG0000 response	Inflamed	PKDREJ	protein_cc chr22	46651560	46659219	-	7660	41.40334	0.019093	0.708147	0.246669	2.870838	0.005007	0.024549	1
ENSG0000 response	Inflamed	SLC27A4	protein_cc chr9	1.31E+08	1.31E+08	+	3110	3516.014	0	0.313894	0.109354	2.870444	0.005013	0.024572	1
ENSG0000 response	Inflamed	DNAJC19P	pseudoger chr19	42144937	42145267	-	331	1.171838	0.770883	0.285282	0.099392	2.870262	0.005015	0.024581	1
ENSG0000 response	Inflamed	CDH8	protein_cc chr16	61681146	62070939	-	13529	2.057279	0.596659	-0.47646	0.166008	-2.87012	0.005017	0.024587	1
ENSG0000 response	Inflamed	ERMP1	protein_cc chr9	5765076	5833117	-	6528	2502.167	0	0.455663	0.158765	2.870038	0.005019	0.024588	1
ENSG0000 response	Inflamed	AC110769	lincRNA chr2	1.15E+08	1.15E+08	+	815	1.016706	0.725537	-0.30574	0.106533	-2.8699	0.005021	0.024593	1
ENSG0000 response	Inflamed	RP11-356C	lincRNA chr14	38025363	38036300	-	532	40.26014	0.052506	0.680725	0.237217	2.869629	0.005025	0.024605	1
ENSG0000 response	Inflamed	FAM26E	protein_cc chr6	1.17E+08	1.17E+08	+	9784	132.1695	0	-0.6119	0.213236	-2.8696	0.005025	0.024605	1
ENSG0000 response	Inflamed	PC	protein_cc chr11	66615704	66725847	-	5927	1753.451	0	0.403307	0.140557	2.869345	0.005029	0.024619	1
ENSG0000 response	Inflamed	TUBB4A	protein_cc chr19	6494330	6502859	-	3466	31.56563	0.02148	-0.62821	0.218979	-2.86881	0.005037	0.024653	1
ENSG0000 response	Inflamed	NDUFA5	protein_cc chr7	1.23E+08	1.23E+08	-	9851	1240.439	0	0.341161	0.118927	2.868652	0.005039	0.02466	1
ENSG0000 response	Inflamed	MYOZ1	protein_cc chr10	75391412	75401515	-	1541	3.553699	0.26969	-0.38819	0.135334	-2.86843	0.005042	0.024671	1
ENSG0000 response	Inflamed	RP11-262I	pseudoger chr9	66493572	66494196	-	625	3.546539	0.377088	-0.47377	0.165174	-2.86833	0.005044	0.024674	1
ENSG0000 response	Inflamed	RIC8A	protein_cc chr11	207511	215113	+	6685	3857.363	0	-0.15788	0.055052	-2.86782	0.005051	0.024702	1
ENSG0000 response	Inflamed	RP11-404F	antisense chr14	96725748	96734961	-	738	1.427208	0.696897	0.296409	0.103358	2.867775	0.005052	0.024702	1
ENSG0000 response	Inflamed	CNTN3	protein_cc chr3	74311719	74570291	-	5109	110.599	0.088305	1.026821	0.358059	2.867742	0.005052	0.024702	1
ENSG0000 response	Inflamed	GATA2	protein_cc chr3	1.28E+08	1.28E+08	-	4459	564.9499	0.002387	-0.5228	0.182318	-2.86751	0.005056	0.024715	1
ENSG0000 response	Inflamed	PGS1	protein_cc chr17	76374721	76421195	+	4965	1679.167	0	-0.33472	0.116737	-2.8673	0.005059	0.024725	1
ENSG0000 response	Inflamed	KLF7	protein_cc chr2	2.08E+08	2.08E+08	-	9262	753.5442	0	-0.5308	0.185147	-2.86694	0.005064	0.024746	1
ENSG0000 response	Inflamed	MMP16	protein_cc chr8	89044237	89340254	-	12115	19.74224	0.071599	-0.64514	0.225035	-2.86682	0.005066	0.02475	1
ENSG0000 response	Inflamed	MLXIP	protein_cc chr12	1.23E+08	1.23E+08	+	13905	19604.41	0	0.381902	0.133227	2.866556	0.00507	0.024765	1
ENSG0000 response	Inflamed	RP11-468E	pseudoger chr14	24505662	24520580	+	1717	12.36754	0.059666	0.461277	0.160926	2.866395	0.005072	0.024772	1
ENSG0000 response	Inflamed	RP11-363E	sense_ove chr9	19453207	19455171	+	1965	208.4033	0.002387	0.645772	0.225307	2.866185	0.005075	0.024782	1
ENSG0000 response	Inflamed	FAM47E	protein_cc chr4	77135193	77204933	+	9508	51.40811	0.002387	0.633385	0.221004	2.865949	0.005079	0.024795	1
ENSG0000 response	Inflamed	NUDT16L1	protein_cc chr16	4743695	4745860	+	2068	1169.609	0	0.204772	0.071456	2.865696	0.005082	0.024808	1
ENSG0000 response	Inflamed	PROCR	protein_cc chr20	33759876	33765165	+	1348	732.5943	0	-0.42643	0.148812	-2.86557	0.005084	0.024813	1
ENSG0000 response	Inflamed	GPR39	protein_cc chr2	1.33E+08	1.33E+08	+	3343	674.9308	0	0.479652	0.167412	2.865099	0.005091	0.024836	1
ENSG0000 response	Inflamed	EML1	protein_cc chr14	1E+08	1E+08	+	8899	661.9499	0	-0.61169	0.213496	-2.86509	0.005091	0.024836	1
ENSG0000 response	Inflamed	ANKRD6	protein_cc chr6	90142889	90343553	+	8329	136.9021	0.002387	-0.50927	0.177751	-2.86506	0.005092	0.024836	1
ENSG0000 response	Inflamed	TMEM169	protein_cc chr2	2.17E+08	2.17E+08	+	3628	23.87589	0.019093	-0.43394	0.1515	-2.86429	0.005103	0.024887	1
ENSG0000 response	Inflamed	AC004066	antisense chr4	1.06E+08	1.06E+08	-	572	3.747017	0.279236	0.476829	0.166481	2.86417	0.005105	0.024887	1
ENSG0000 response	Inflamed	LPPR1	protein_cc chr9	1.04E+08	1.04E+08	+	3669	4.379475	0.300716	0.432129	0.150875	2.864159	0.005105	0.024887	1

ENSG0000 response	Inflamed	ZNF521	protein_cc chr18	22641890	22932154	-	6223	258.2673	0.002387	-0.55802	0.194912	-2.86295	0.005123	0.02497	1
ENSG0000 response	Inflamed	GABRR2	protein_cc chr6	89966927	90025018	-	2230	51.76611	0.040573	-0.7633	0.266639	-2.86268	0.005127	0.024985	1
ENSG0000 response	Inflamed	SMARCA1	protein_cc chrX	1.29E+08	1.29E+08	-	4101	318.1862	0	-0.60909	0.212812	-2.86209	0.005136	0.025024	1
ENSG0000 response	Inflamed	HNRNPAB	protein_cc chr5	1.78E+08	1.78E+08	+	2144	8560.506	0	0.219718	0.076784	2.861519	0.005145	0.025061	1
ENSG0000 response	Inflamed	FAM25A	protein_cc chr10	88780063	88784487	+	345	2.386635	0.708831	-0.63669	0.222551	-2.86086	0.005155	0.025104	1
ENSG0000 response	Inflamed	CDH22	protein_cc chr20	44802372	44937137	-	4929	14.4463	0.102625	0.722058	0.252428	2.860452	0.005161	0.025129	1
ENSG0000 response	Inflamed	MFSD6L	protein_cc chr17	8700436	8702667	-	2232	258.9403	0	0.524375	0.183322	2.860399	0.005161	0.025129	1
ENSG0000 response	Inflamed	EBF2	protein_cc chr8	25699246	25902913	-	7077	11.03819	0.338902	-0.86605	0.302843	-2.85973	0.005171	0.025173	1
ENSG0000 response	Inflamed	TMEM194	protein_cc chr2	1.91E+08	1.91E+08	-	6521	177.6683	0	-0.39038	0.136513	-2.85962	0.005173	0.025176	1
ENSG0000 response	Inflamed	SDR42E2	protein_cc chr16	22177618	22203075	+	2528	1.871122	0.548926	-0.33558	0.117367	-2.85924	0.005179	0.025198	1
ENSG0000 response	Inflamed	GLT8D2	protein_cc chr12	1.04E+08	1.04E+08	-	3271	352.1838	0	-0.5492	0.19208	-2.8592	0.005179	0.025198	1
ENSG0000 response	Inflamed	NUDT6	protein_cc chr4	1.24E+08	1.24E+08	-	6591	146.9427	0	0.323664	0.113206	2.859058	0.005182	0.025202	1
ENSG0000 response	Inflamed	INHBA-AS1	antisense chr7	41733514	41818986	+	5417	0.906921	0.782816	-0.33681	0.117805	-2.85902	0.005182	0.025202	1
ENSG0000 response	Inflamed	HDC	protein_cc chr15	50534144	50558223	-	3956	386.8663	0	-0.7002	0.244916	-2.85894	0.005183	0.025203	1
ENSG0000 response	Inflamed	NPAS1	protein_cc chr19	47523077	47549033	+	2582	34.69928	0	-0.31825	0.111346	-2.85817	0.005195	0.025255	1
ENSG0000 response	Inflamed	RAI2	protein_cc chrX	17818169	17879457	-	2622	500.7327	0.002387	-0.41974	0.146891	-2.85751	0.005205	0.025298	1
ENSG0000 response	Inflamed	NECAB3	protein_cc chr20	32244893	32262269	-	4342	865.284	0	0.2454	0.085887	2.857239	0.005209	0.025314	1
ENSG0000 response	Inflamed	SYT12	protein_cc chr11	66774249	66818334	+	10830	134.222	0.019093	-0.97813	0.342364	-2.85698	0.005213	0.025328	1
ENSG0000 response	Inflamed	RP11-68I3	sense_intr chr17	27971814	27972865	-	1052	6.945107	0.193317	-0.60286	0.211027	-2.8568	0.005216	0.025336	1
ENSG0000 response	Inflamed	RP11-367C	lincRNA chr6	25015180	25042398	-	1030	9.620525	0.090692	-0.51626	0.180736	-2.85643	0.005221	0.025359	1
ENSG0000 response	Inflamed	ASIC2	protein_cc chr17	31340105	32501983	-	5597	21.7685	0.054893	0.633198	0.221717	2.855886	0.00523	0.025395	1
ENSG0000 response	Inflamed	SLC5A7	protein_cc chr2	1.09E+08	1.09E+08	+	5168	6.200477	0.305489	0.622469	0.217991	2.855484	0.005236	0.025416	1
ENSG0000 response	Inflamed	TRAJ12	TR_J_gene chr14	23000889	23000948	+	60	1.77327	0.615752	-0.37691	0.131996	-2.85546	0.005236	0.025416	1
ENSG0000 response	Inflamed	CTB-58E17	lincRNA chr17	36858705	36861000	+	2296	84.13365	0	-0.25763	0.090231	-2.85525	0.005239	0.025427	1
ENSG0000 response	Inflamed	CNTD1	protein_cc chr17	40950810	40963605	+	3378	10.93556	0.083532	0.56547	0.198059	2.855062	0.005242	0.025437	1
ENSG0000 response	Inflamed	TMSB15A	protein_cc chrX	1.02E+08	1.02E+08	-	685	8.918854	0.093079	-0.54826	0.192038	-2.85494	0.005244	0.025439	1
ENSG0000 response	Inflamed	RPL7AP8	pseudoger chr10	88390582	88391385	-	804	1.25537	0.670644	-0.31437	0.110119	-2.85485	0.005245	0.025439	1
ENSG0000 response	Inflamed	PRKD1	protein_cc chr14	30045687	30661104	-	5177	136.5847	0.00716	-0.46809	0.163964	-2.85484	0.005246	0.025439	1
ENSG0000 response	Inflamed	C1orf198	protein_cc chr1	2.31E+08	2.31E+08	-	5161	1644.592	0	-0.33698	0.11805	-2.85457	0.00525	0.025452	1
ENSG0000 response	Inflamed	VAV3	protein_cc chr1	1.08E+08	1.09E+08	-	7271	1775.506	0	0.574893	0.201397	2.854532	0.00525	0.025452	1
ENSG0000 response	Inflamed	PCDH6	protein_cc chr5	1.41E+08	1.41E+08	+	3186	12.18854	0.059666	-0.50507	0.176942	-2.85443	0.005252	0.025455	1
ENSG0000 response	Inflamed	ANKRD63	protein_cc chr15	40573645	40574787	-	1143	1.279236	0.680191	0.314533	0.110197	2.854273	0.005254	0.025462	1
ENSG0000 response	Inflamed	GRB10	protein_cc chr7	50657760	50861159	-	9944	1171.63	0	-0.37974	0.133052	-2.85406	0.005257	0.025473	1
ENSG0000 response	Inflamed	RP11-467L	pseudoger chr12	31901034	31901174	-	141	7.809069	0.322196	0.606311	0.212447	2.85394	0.005259	0.025477	1
ENSG0000 response	Inflamed	LINC00567	lincRNA chr13	1.11E+08	1.11E+08	-	3409	0.966587	0.782816	-0.37446	0.131218	-2.85373	0.005262	0.025487	1
ENSG0000 response	Inflamed	AC009948	antisense chr2	1.79E+08	1.79E+08	+	4001	123.7112	0	-0.56833	0.199166	-2.85355	0.005265	0.025487	1
ENSG0000 response	Inflamed	PARD6A	protein_cc chr16	67694849	67696681	+	1488	126.3389	0	-0.32897	0.115285	-2.85354	0.005265	0.025487	1
ENSG0000 response	Inflamed	TNFSF15	protein_cc chr9	1.18E+08	1.18E+08	-	7889	445.716	0.002387	-0.64481	0.225971	-2.85351	0.005266	0.025487	1
ENSG0000 response	Inflamed	MUC20	protein_cc chr3	1.95E+08	1.95E+08	+	8086	3172.301	0	0.589794	0.206692	2.853496	0.005266	0.025487	1
ENSG0000 response	Inflamed	AC007381	lincRNA chr2	60577730	60580151	-	2005	2.424821	0.589499	-0.42286	0.148203	-2.85322	0.00527	0.025503	1

ENSG0000 response	Inflamed	C1QA	protein_cc chr1	22962999	22966101	+	1272	6434.263	0	-0.40664	0.14253	-2.853	0.005274	0.025514	1
ENSG0000 response	Inflamed	EPHB6	protein_cc chr7	1.43E+08	1.43E+08	+	5355	288.8616	0	-0.61317	0.214936	-2.85278	0.005277	0.025526	1
ENSG0000 response	Inflamed	FAM134B	protein_cc chr5	16473147	16617167	-	4568	1022.263	0	0.597423	0.209432	2.852584	0.00528	0.025536	1
ENSG0000 response	Inflamed	RCE1	protein_cc chr11	66610306	66614017	+	2995	830.7494	0	0.171801	0.060244	2.85174	0.005293	0.025594	1
ENSG0000 response	Inflamed	SLC44A5	protein_cc chr1	75667816	76076801	-	6314	62.95943	0.212411	0.931326	0.326602	2.85156	0.005296	0.025602	1
ENSG0000 response	Inflamed	PDE3A	protein_cc chr12	20522179	20837315	+	8398	1268.31	0	0.606205	0.212601	2.851376	0.005299	0.025611	1
ENSG0000 response	Inflamed	ST3GAL4	protein_cc chr11	1.26E+08	1.26E+08	+	4462	4438.905	0	0.433629	0.152084	2.851241	0.005301	0.025614	1
ENSG0000 response	Inflamed	RP11-401C	antisense chr17	10195137	10221243	+	523	0.883055	0.77327	-0.3217	0.112829	-2.85122	0.005301	0.025614	1
ENSG0000 response	Inflamed	LINC00654	lincRNA chr20	5476713	5485259	-	6294	379.3914	0	0.496278	0.174084	2.850797	0.005307	0.02564	1
ENSG0000 response	Inflamed	LGR5	protein_cc chr12	71833550	71980090	+	5251	346.6277	0.009547	0.987268	0.346365	2.85037	0.005314	0.025667	1
ENSG0000 response	Inflamed	UNC13B	protein_cc chr9	35161999	35405335	+	6592	4936.277	0	0.409972	0.143835	2.850293	0.005315	0.025668	1
ENSG0000 response	Inflamed	SYN1	protein_cc chrX	47431303	47479252	-	3203	61.04296	0	-0.46259	0.162344	-2.84947	0.005328	0.025725	1
ENSG0000 response	Inflamed	ALDH6A1	protein_cc chr14	74523553	74551196	-	6680	1296.22	0	0.395658	0.138857	2.849396	0.005329	0.025726	1
ENSG0000 response	Inflamed	SEL1L3	protein_cc chr4	25749055	25865382	-	7483	10927.8	0	-0.3028	0.106277	-2.84914	0.005333	0.02574	1
ENSG0000 response	Inflamed	SPTB	protein_cc chr14	65213002	65346601	-	14771	46.25776	0.02148	-0.63298	0.222204	-2.84866	0.00534	0.025771	1
ENSG0000 response	Inflamed	DLG3	protein_cc chrX	69664711	69725337	+	7841	3265.27	0	0.40624	0.142622	2.848374	0.005345	0.025788	1
ENSG0000 response	Inflamed	RP11-757F	pseudoger chr3	1.12E+08	1.12E+08	-	519	17.42005	0.045346	0.533885	0.187467	2.847888	0.005352	0.02582	1
ENSG0000 response	Inflamed	ITPK1	protein_cc chr14	93403259	93582665	-	6783	6890.685	0	0.229733	0.08069	2.847126	0.005364	0.025872	1
ENSG0000 response	Inflamed	RNA5SP38	rRNA chr14	24627812	24627931	+	120	7.584726	0.121718	-0.47713	0.167617	-2.84654	0.005373	0.025911	1
ENSG0000 response	Inflamed	PPAPDC1B	protein_cc chr8	38120648	38126761	-	4414	2091.864	0	-0.31906	0.112106	-2.84603	0.005381	0.025941	1
ENSG0000 response	Inflamed	FOLR1	protein_cc chr11	71900602	71907345	+	1577	16.6778	0.131265	0.769378	0.270341	2.845956	0.005383	0.025941	1
ENSG0000 response	Inflamed	RP11-112L	lincRNA chr20	48789087	48793096	+	782	3.897375	0.26253	-0.3757	0.132011	-2.84595	0.005383	0.025941	1
ENSG0000 response	Inflamed	TCF4	protein_cc chr18	52889562	53332018	-	22377	1756.847	0	-0.5958	0.209378	-2.84557	0.005388	0.025965	1
ENSG0000 response	Inflamed	RP11-120M	processed_chr17	66409764	66521090	+	1863	11.91885	0.057279	-0.48284	0.16973	-2.84474	0.005401	0.026023	1
ENSG0000 response	Inflamed	CHIA	protein_cc chr1	1.12E+08	1.12E+08	+	4632	1.324582	0.756563	-0.37024	0.130166	-2.84436	0.005408	0.026046	1
ENSG0000 response	Inflamed	AC004540	lincRNA chr7	26438213	26538594	+	4151	29.43437	0.002387	-0.41044	0.144302	-2.84431	0.005408	0.026046	1
ENSG0000 response	Inflamed	RNASE6	protein_cc chr14	21249210	21250626	+	1061	605.1647	0	-0.42274	0.148659	-2.84369	0.005418	0.026085	1
ENSG0000 response	Inflamed	LINC00866	lincRNA chr10	99588235	99609555	-	418	4.186158	0.436754	0.518633	0.182382	2.843663	0.005418	0.026085	1
ENSG0000 response	Inflamed	CYP4F22	protein_cc chr19	15619304	15663128	+	2644	13.46062	0.031026	-0.41708	0.146678	-2.8435	0.005421	0.026088	1
ENSG0000 response	Inflamed	TPPP	protein_cc chr5	660883	693510	-	5116	506.5251	0.002387	0.653087	0.229678	2.843495	0.005421	0.026088	1
ENSG0000 response	Inflamed	CLEC12B	protein_cc chr12	10163226	10171218	+	3667	6.057279	0.26969	-0.57928	0.203729	-2.8434	0.005423	0.02609	1
ENSG0000 response	Inflamed	MMP17	protein_cc chr12	1.32E+08	1.32E+08	+	4003	128.8616	0.002387	-0.50549	0.177813	-2.84279	0.005432	0.026132	1
ENSG0000 response	Inflamed	GPR98	protein_cc chr5	89825161	90460038	+	23499	36.08592	0.023866	0.604393	0.21261	2.842731	0.005433	0.026132	1
ENSG0000 response	Inflamed	RP11-582J	antisense chr8	22398358	22402918	-	4076	8.198091	0.176611	0.597481	0.2102	2.842438	0.005438	0.026149	1
ENSG0000 response	Inflamed	HDAC11	protein_cc chr3	13521224	13547916	+	5273	1058.086	0	0.276989	0.097458	2.842135	0.005442	0.026167	1
ENSG0000 response	Inflamed	AC005077	pseudoger chr7	75719749	75738097	-	2576	48.50119	0.040573	0.569539	0.200489	2.840753	0.005464	0.026267	1
ENSG0000 response	Inflamed	HOXB4	protein_cc chr17	46652875	46657473	-	3757	300.2983	0	-0.32956	0.116026	-2.84041	0.00547	0.026288	1
ENSG0000 response	Inflamed	AC092299	pseudoger chr19	197075	199431	-	2070	16.41289	0.069212	-0.63433	0.223334	-2.8403	0.005471	0.026291	1
ENSG0000 response	Inflamed	RP11-542M	lincRNA chr16	86015356	86018329	+	474	9.121718	0.286396	0.597269	0.210288	2.840244	0.005472	0.026291	1
ENSG0000 response	Inflamed	GRM7	protein_cc chr3	6811688	7783215	+	8209	4.529833	0.221957	0.422215	0.148657	2.840184	0.005473	0.026291	1

ENSG0000 response	Inflamed	DCUN1D5	protein_cc chr11	1.03E+08	1.03E+08	-	1700	380.7757	0	-0.31424	0.11065	-2.83997	0.005477	0.026303	1
ENSG0000 response	Inflamed	DOPEY2	protein_cc chr21	37529080	37666572	+	9030	3773.802	0	0.461408	0.162502	2.839394	0.005486	0.026342	1
ENSG0000 response	Inflamed	MICAL3	protein_cc chr22	18270415	18507325	-	22361	2615.687	0	0.466416	0.164297	2.838854	0.005494	0.026378	1
ENSG0000 response	Inflamed	MLX	protein_cc chr17	40719086	40725257	+	4259	3866.193	0	0.195887	0.069016	2.838261	0.005504	0.026419	1
ENSG0000 response	Inflamed	LINC01022	antisense chr7	1.58E+08	1.58E+08	+	394	0.949881	0.732697	0.289204	0.101944	2.836896	0.005526	0.026513	1
ENSG0000 response	Inflamed	AC012314	antisense chr19	54622891	54628722	-	4158	56.12649	0.02148	-0.68721	0.242244	-2.83687	0.005526	0.026513	1
ENSG0000 response	Inflamed	MRPL2	protein_cc chr6	43021767	43027544	-	2539	935.4439	0	0.184688	0.065104	2.836842	0.005526	0.026513	1
ENSG0000 response	Inflamed	SPON1	processed_chr11	13983914	14289646	+	5639	4792.737	0	0.532026	0.187556	2.836618	0.00553	0.026525	1
ENSG0000 response	Inflamed	CTB-11I22	antisense chr5	1.59E+08	1.59E+08	+	638	1.26253	0.692124	-0.33933	0.119631	-2.83649	0.005532	0.02653	1
ENSG0000 response	Inflamed	IDH3A	protein_cc chr15	78423840	78464291	+	6832	2589.124	0	0.379359	0.13375	2.836334	0.005535	0.026537	1
ENSG0000 response	Inflamed	SH3D19	protein_cc chr4	1.52E+08	1.52E+08	-	7789	4999.038	0	0.423766	0.149411	2.83625	0.005536	0.026539	1
ENSG0000 response	Inflamed	SLCO4A1	protein_cc chr20	61273797	61317137	+	4051	1070.208	0	-0.45881	0.161809	-2.83553	0.005547	0.026589	1
ENSG0000 response	Inflamed	PDIA6	protein_cc chr2	10923517	10978103	-	4101	10690.01	0	-0.28343	0.09996	-2.83543	0.005549	0.026592	1
ENSG0000 response	Inflamed	C10orf55	protein_cc chr10	75669727	75682535	-	2514	13.19809	0.031026	-0.51589	0.182022	-2.83421	0.005569	0.026681	1
ENSG0000 response	Inflamed	CTB-36O1.	pseudoger chr5	1.34E+08	1.34E+08	-	747	258.3294	0	0.428692	0.151312	2.83316	0.005586	0.026758	1
ENSG0000 response	Inflamed	ID2	protein_cc chr2	8818975	8824583	+	2205	2400.406	0	0.320879	0.113263	2.833048	0.005587	0.026761	1
ENSG0000 response	Inflamed	C8orf82	protein_cc chr8	1.46E+08	1.46E+08	-	3001	1481.714	0	0.259529	0.09162	2.832671	0.005594	0.026786	1
ENSG0000 response	Inflamed	CS	protein_cc chr12	56665483	56694176	-	6402	9961.675	0	0.262513	0.092678	2.832515	0.005596	0.026793	1
ENSG0000 response	Inflamed	CAMK2G	protein_cc chr10	75572259	75634343	-	6770	2100.377	0	0.294929	0.104127	2.832407	0.005598	0.026793	1
ENSG0000 response	Inflamed	MIAT	lincRNA chr22	27042392	27072438	+	11590	1993.89	0	-0.96406	0.34037	-2.83239	0.005598	0.026793	1
ENSG0000 response	Inflamed	RNFT2	protein_cc chr12	1.17E+08	1.17E+08	+	6152	47.88305	0	-0.32768	0.115702	-2.83209	0.005603	0.026812	1
ENSG0000 response	Inflamed	TRGV5P	TR_V_psei chr7	38384631	38385100	-	354	10.29117	0.212411	-0.5644	0.199331	-2.83149	0.005613	0.026853	1
ENSG0000 response	Inflamed	IGHV3-16	IG_V_gene chr14	1.07E+08	1.07E+08	-	425	2.46778	0.48926	-0.4207	0.14859	-2.83127	0.005616	0.026865	1
ENSG0000 response	Inflamed	HRASLS5	protein_cc chr11	63228876	63258666	-	3268	20.72792	0.031026	-0.50576	0.178645	-2.83109	0.005619	0.026873	1
ENSG0000 response	Inflamed	CYP4X1	protein_cc chr1	47427036	47516423	+	2941	82.95704	0.004773	-0.60299	0.212991	-2.83104	0.00562	0.026873	1
ENSG0000 response	Inflamed	NR5A2	protein_cc chr1	2E+08	2E+08	+	7795	967.3317	0	0.475647	0.168028	2.830752	0.005625	0.026891	1
ENSG0000 response	Inflamed	RP11-867C	antisense chr11	65134909	65142770	+	564	6.047733	0.353222	0.550444	0.194476	2.8304	0.00563	0.026913	1
ENSG0000 response	Inflamed	FRMD6-AS	lincRNA chr14	51921230	52066670	-	917	1.448687	0.673031	0.457676	0.161737	2.829747	0.005641	0.026959	1
ENSG0000 response	Inflamed	LINC01058	lincRNA chr13	30993656	30996374	-	448	2.193317	0.513126	-0.37328	0.131924	-2.8295	0.005645	0.026973	1
ENSG0000 response	Inflamed	ARL4C	protein_cc chr2	2.35E+08	2.35E+08	-	4013	1244.458	0	-0.43431	0.153499	-2.82939	0.005647	0.026977	1
ENSG0000 response	Inflamed	NDUFAF4	protein_cc chr6	97337189	97345757	-	2540	433.3628	0	0.305587	0.108011	2.829225	0.005649	0.026985	1
ENSG0000 response	Inflamed	C1orf168	protein_cc chr1	57184477	57285369	-	4633	9.078759	0.200477	0.577865	0.204361	2.827668	0.005675	0.027102	1
ENSG0000 response	Inflamed	RP6-201G	lincRNA chrX	67233312	67234743	-	1432	4.894988	0.243437	0.519138	0.183602	2.827512	0.005677	0.027105	1
ENSG0000 response	Inflamed	RUNDC3B	protein_cc chr7	87256864	87461611	+	4710	84.8568	0.019093	0.601025	0.212565	2.827495	0.005678	0.027105	1
ENSG0000 response	Inflamed	U52111.12	pseudoger chrX	1.53E+08	1.53E+08	+	315	3.458234	0.326969	0.346044	0.122391	2.827355	0.00568	0.027109	1
ENSG0000 response	Inflamed	RHBDD1	protein_cc chr2	2.28E+08	2.28E+08	+	6926	1166.01	0	-0.33108	0.1171	-2.8273	0.005681	0.027109	1
ENSG0000 response	Inflamed	KB-1440D	sense_intr chr22	22016223	22016652	+	430	2.935561	0.377088	-0.41227	0.14582	-2.82725	0.005682	0.027109	1
ENSG0000 response	Inflamed	KIF20A	protein_cc chr5	1.38E+08	1.38E+08	+	3958	401.9189	0	-0.47607	0.168417	-2.82676	0.00569	0.027143	1
ENSG0000 response	Inflamed	UBXN10	protein_cc chr1	20512578	20522541	+	5571	460.2172	0	0.481966	0.17051	2.826618	0.005692	0.027149	1
ENSG0000 response	Inflamed	LGALS2	protein_cc chr22	37966255	37978623	-	826	506.5632	0	0.587908	0.208008	2.826379	0.005696	0.027163	1

ENSG0000 response	Inflamed	EVL	protein_cc chr14	1E+08	1.01E+08 +	10585	3041.041	0	-0.43174	0.152768	-2.82613	0.0057	0.027178	1
ENSG0000 response	Inflamed	MAD1L1	protein_cc chr7	1855429	2272878 -	6955	826.673	0	-0.20995	0.074306	-2.82548	0.005711	0.027223	1
ENSG0000 response	Inflamed	LA16c-349	antisense chr16	705034	706194 -	994	17.89737	0.050119	-0.5525	0.195556	-2.8253	0.005714	0.027233	1
ENSG0000 response	Inflamed	LHX2	protein_cc chr9	1.27E+08	1.27E+08 +	2655	11.54654	0.062053	-0.48439	0.171468	-2.82498	0.005719	0.027253	1
ENSG0000 response	Inflamed	AC074389	lincRNA chr7	1778266	1781927 -	989	23.8043	0.002387	-0.48773	0.172652	-2.82492	0.00572	0.027253	1
ENSG0000 response	Inflamed	DCDC2B	protein_cc chr1	32674695	32681797 +	1869	0.906921	0.78043	0.324691	0.114946	2.824737	0.005723	0.027262	1
ENSG0000 response	Inflamed	SEC61A1	protein_cc chr3	1.28E+08	1.28E+08 +	4697	17706.64	0	-0.24274	0.085964	-2.82374	0.00574	0.027335	1
ENSG0000 response	Inflamed	SPTA1	protein_cc chr1	1.59E+08	1.59E+08 -	10025	2.436754	0.491647	-0.4124	0.146051	-2.82368	0.005741	0.027335	1
ENSG0000 response	Inflamed	RP11-8761	antisense chr16	11034576	11036878 +	2147	42.55609	0.009547	-0.5222	0.184939	-2.8236	0.005742	0.027337	1
ENSG0000 response	Inflamed	USP54	protein_cc chr10	75257296	75385711 -	9850	2835.01	0	0.477322	0.169054	2.823486	0.005744	0.027341	1
ENSG0000 response	Inflamed	TRAV38-2	TR_V_gene chr14	22748988	22749631 +	395	11.13365	0.064439	-0.52095	0.184517	-2.82331	0.005747	0.02735	1
ENSG0000 response	Inflamed	RP3-462E2	lincRNA chr12	1.12E+08	1.12E+08 +	569	56.79236	0.026253	0.463118	0.164055	2.82294	0.005753	0.027374	1
ENSG0000 response	Inflamed	GAB1	protein_cc chr4	1.44E+08	1.44E+08 +	10119	1225.943	0	0.4534	0.16062	2.822816	0.005755	0.027379	1
ENSG0000 response	Inflamed	AC012123	protein_cc chr18	30349758	30354376 +	1661	1.238663	0.74463	-0.32585	0.115444	-2.82255	0.005759	0.027395	1
ENSG0000 response	Inflamed	TRAV26-1	TR_V_gene chr14	22591276	22592243 +	537	15.5895	0.054893	-0.58042	0.205647	-2.8224	0.005762	0.027398	1
ENSG0000 response	Inflamed	PRDM15	protein_cc chr21	43218385	43299591 -	13004	814.6038	0	-0.38939	0.137964	-2.82238	0.005762	0.027398	1
ENSG0000 response	Inflamed	TM6SF2	protein_cc chr19	19375173	19384200 -	2188	250.5465	0.002387	0.883012	0.312868	2.822313	0.005763	0.027398	1
ENSG0000 response	Inflamed	CARD8	protein_cc chr19	48684027	48759203 -	12894	1564.007	0	-0.53953	0.191171	-2.82226	0.005764	0.027398	1
ENSG0000 response	Inflamed	RBM24	protein_cc chr6	17281577	17294106 +	3444	55.05251	0.026253	0.870208	0.308412	2.821577	0.005776	0.027447	1
ENSG0000 response	Inflamed	RP11-44M	pseudoger chr7	1E+08	1E+08 +	1006	2.448687	0.463007	0.351899	0.124744	2.820972	0.005786	0.02749	1
ENSG0000 response	Inflamed	LURAP1	protein_cc chr1	46669006	46686933 +	1854	41.56325	0	-0.36017	0.127685	-2.82077	0.005789	0.027501	1
ENSG0000 response	Inflamed	AC010149	antisense chr2	2.31E+08	2.31E+08 -	692	5.897375	0.238663	-0.53079	0.188218	-2.82011	0.0058	0.027549	1
ENSG0000 response	Inflamed	CAPG	protein_cc chr2	85621871	85645555 -	2607	3490.659	0	-0.26114	0.092606	-2.81994	0.005803	0.027557	1
ENSG0000 response	Inflamed	PLIN1	protein_cc chr15	90207596	90222658 -	3797	60.27208	0.02148	0.587798	0.208464	2.819655	0.005808	0.027575	1
ENSG0000 response	Inflamed	ABCC13	pseudoger chr21	15608527	15735075 +	10722	212.568	0.00716	0.739919	0.262457	2.8192	0.005815	0.027606	1
ENSG0000 response	Inflamed	GNE	protein_cc chr9	36214438	36277053 -	5477	4901.272	0	0.532029	0.188747	2.818742	0.005823	0.027637	1
ENSG0000 response	Inflamed	ITGA4	protein_cc chr2	1.82E+08	1.82E+08 +	7901	988.3914	0	-0.56136	0.199174	-2.81844	0.005828	0.027656	1
ENSG0000 response	Inflamed	hsa-mir-45	miRNA chr14	1.06E+08	1.06E+08 -	60	32.05012	0.054893	-0.78615	0.278935	-2.81838	0.005829	0.027656	1
ENSG0000 response	Inflamed	RP11-3761	sense_intr chr17	41127706	41129292 -	1587	2.420048	0.434368	0.370976	0.13165	2.817903	0.005837	0.027689	1
ENSG0000 response	Inflamed	MAGED1	protein_cc chrX	51546103	51645453 +	6016	6151.752	0	-0.27629	0.098064	-2.8175	0.005844	0.027717	1
ENSG0000 response	Inflamed	PPP1R14C	protein_cc chr6	1.5E+08	1.51E+08 +	2152	689.0191	0	0.486977	0.17286	2.817169	0.005849	0.027738	1
ENSG0000 response	Inflamed	ADAD2	protein_cc chr16	84224744	84230774 +	4111	6.887828	0.174224	-0.50294	0.178547	-2.81685	0.005855	0.027758	1
ENSG0000 response	Inflamed	OGFR	protein_cc chr20	61436187	61445352 +	4702	3188.752	0	-0.26561	0.09431	-2.81637	0.005863	0.027791	1
ENSG0000 response	Inflamed	PPP1R14D	protein_cc chr15	41107650	41120907 -	866	2135.68	0	0.65035	0.230964	2.815805	0.005872	0.027832	1
ENSG0000 response	Inflamed	LRFN2	protein_cc chr6	40359325	40555204 -	3270	4.811456	0.343675	0.509703	0.181022	2.815691	0.005874	0.027836	1
ENSG0000 response	Inflamed	RNF223	protein_cc chr1	1006346	1009687 -	1902	103.9212	0.011933	0.47935	0.170272	2.815196	0.005883	0.027868	1
ENSG0000 response	Inflamed	CDC20P1	pseudoger chr9	89626567	89628066 +	1500	25.40095	0.071599	-0.52501	0.186497	-2.81514	0.005884	0.027868	1
ENSG0000 response	Inflamed	MYB	protein_cc chr6	1.36E+08	1.36E+08 +	5486	1666.671	0	0.590656	0.209819	2.815075	0.005885	0.027868	1
ENSG0000 response	Inflamed	UQCRFS1P	pseudoger chr22	40271293	40272119 +	827	50.18854	0	0.312729	0.111092	2.815038	0.005885	0.027868	1
ENSG0000 response	Inflamed	AEN	protein_cc chr15	89164527	89175513 +	6018	1315.267	0	-0.3031	0.107677	-2.81491	0.005888	0.027874	1

ENSG0000 response	Inflamed	ZNF823	protein_cc chr19	11832080	11849824	-	2459	269.1098	0	0.493902	0.175473	2.814684	0.005891	0.027887	1
ENSG0000 response	Inflamed	TNFSF11	protein_cc chr13	43136872	43182149	+	2733	125.1146	0.011933	-0.86254	0.306457	-2.81457	0.005893	0.027891	1
ENSG0000 response	Inflamed	RP11-4071	protein_cc chr14	39703106	39820397	+	5392	0.799523	0.782816	-0.28725	0.102099	-2.81346	0.005912	0.027975	1
ENSG0000 response	Inflamed	GAREM	protein_cc chr18	29704840	30050447	-	7568	1167.604	0	0.41388	0.147137	2.812891	0.005922	0.028016	1
ENSG0000 response	Inflamed	RNA5SP28	rRNA chr9	66458144	66458262	-	119	7.420048	0.085919	-0.45626	0.162221	-2.81256	0.005927	0.028032	1
ENSG0000 response	Inflamed	DPEP3	protein_cc chr16	68009566	68014732	-	2018	21.59666	0.011933	-0.51814	0.184225	-2.81254	0.005928	0.028032	1
ENSG0000 response	Inflamed	SLC36A1	protein_cc chr5	1.51E+08	1.51E+08	+	6980	3069.685	0	0.435485	0.154839	2.812494	0.005929	0.028032	1
ENSG0000 response	Inflamed	CCNE1	protein_cc chr19	30302805	30315215	+	2568	241.2411	0	-0.28263	0.100496	-2.81239	0.00593	0.028036	1
ENSG0000 response	Inflamed	AP003068	pseudoger chr11	64941588	64943941	-	2354	46.2506	0.009547	0.478848	0.170279	2.812143	0.005934	0.028051	1
ENSG0000 response	Inflamed	TCF3	protein_cc chr19	1609291	1652604	-	6061	4101.621	0	-0.26758	0.095155	-2.81208	0.005936	0.028051	1
ENSG0000 response	Inflamed	IFNG-AS1	antisense chr12	68383225	68628466	+	2125	31.08592	0.045346	-0.75149	0.267254	-2.81188	0.005939	0.028059	1
ENSG0000 response	Inflamed	RP1-35C21	lincRNA chr1	1.77E+08	1.77E+08	+	491	11.47255	0.295943	0.464642	0.165245	2.811847	0.00594	0.028059	1
ENSG0000 response	Inflamed	ADAMTS1	protein_cc chr5	1.29E+08	1.29E+08	+	5408	10.31265	0.155131	0.612104	0.21772	2.811432	0.005947	0.028088	1
ENSG0000 response	Inflamed	INADL	protein_cc chr1	62208149	62629592	+	11456	1918.893	0	0.536185	0.190735	2.811155	0.005951	0.028105	1
ENSG0000 response	Inflamed	PDK4	protein_cc chr7	95212811	95225803	-	4519	1737.038	0	0.623922	0.221973	2.810803	0.005957	0.028127	1
ENSG0000 response	Inflamed	AC078899	pseudoger chr19	20368529	20370227	+	1185	8.355609	0.085919	-0.43653	0.155309	-2.8107	0.005959	0.028127	1
ENSG0000 response	Inflamed	RP11-561C	pseudoger chr15	85747141	85778026	-	3193	67.86874	0.004773	0.43516	0.154823	2.8107	0.005959	0.028127	1
ENSG0000 response	Inflamed	KRT10	protein_cc chr17	38974369	38978847	-	2124	601.389	0	-0.21892	0.077892	-2.81056	0.005962	0.028133	1
ENSG0000 response	Inflamed	SLC6A14	protein_cc chrX	1.16E+08	1.16E+08	+	4521	2098.069	0.002387	-1.22906	0.437418	-2.80981	0.005974	0.028189	1
ENSG0000 response	Inflamed	RP6-91H8	lincRNA chr14	71607842	71609970	-	2129	1.303103	0.76611	-0.37086	0.131999	-2.80953	0.005979	0.028206	1
ENSG0000 response	Inflamed	AHNAK2	protein_cc chr14	1.05E+08	1.05E+08	-	18771	1022.475	0	-0.76411	0.272055	-2.80865	0.005994	0.028272	1
ENSG0000 response	Inflamed	SDR42E1	protein_cc chr16	82031221	82045093	-	3150	271.5561	0	0.416344	0.14824	2.808578	0.005996	0.028273	1
ENSG0000 response	Inflamed	DTX3	protein_cc chr12	57998405	58003587	+	4087	688.6993	0	-0.44189	0.157341	-2.80851	0.005997	0.028274	1
ENSG0000 response	Inflamed	SPOCK1	protein_cc chr5	1.36E+08	1.37E+08	-	6174	262.4248	0.004773	-0.71476	0.25451	-2.80839	0.005999	0.028278	1
ENSG0000 response	Inflamed	C2orf61	protein_cc chr2	47272677	47382517	-	3273	17.44869	0.181384	0.711475	0.253375	2.807993	0.006006	0.028304	1
ENSG0000 response	Inflamed	ZNF154	protein_cc chr19	58208735	58220579	-	5822	211.3103	0.011933	-0.69105	0.246105	-2.80795	0.006006	0.028304	1
ENSG0000 response	Inflamed	NFATC4	protein_cc chr14	24834879	24848810	+	8437	1112.47	0	-0.47057	0.167594	-2.80783	0.006009	0.028309	1
ENSG0000 response	Inflamed	ALPK3	protein_cc chr15	85359911	85416713	+	10940	448.3628	0.002387	-0.7063	0.251572	-2.80756	0.006013	0.028326	1
ENSG0000 response	Inflamed	CGN	protein_cc chr1	1.51E+08	1.52E+08	+	6616	10766.84	0	0.685469	0.244164	2.807413	0.006016	0.028333	1
ENSG0000 response	Inflamed	RP11-6351	antisense chr18	61034561	61048862	+	785	19.31504	0.002387	-0.33057	0.117769	-2.80696	0.006023	0.028364	1
ENSG0000 response	Inflamed	TRBV28	TR_V_gene chr7	1.42E+08	1.42E+08	+	364	32.6611	0.038186	-0.59445	0.211831	-2.80623	0.006036	0.028418	1
ENSG0000 response	Inflamed	SCAMP3	protein_cc chr1	1.55E+08	1.55E+08	-	2442	2112.224	0	-0.16711	0.059551	-2.80612	0.006038	0.028418	1
ENSG0000 response	Inflamed	RP11-4931	pseudoger chr12	47735397	47735872	-	476	0.983294	0.763723	-0.32801	0.116893	-2.80606	0.006039	0.028418	1
ENSG0000 response	Inflamed	USH1G	protein_cc chr17	72912176	72919351	-	3561	5.124105	0.405728	0.605412	0.215752	2.806054	0.006039	0.028418	1
ENSG0000 response	Inflamed	SCARA3	protein_cc chr8	27491385	27534293	+	4031	1261.348	0	-0.54751	0.195122	-2.80599	0.00604	0.028418	1
ENSG0000 response	Inflamed	ZAP70	protein_cc chr2	98330023	98356325	+	5111	830.6706	0	-0.54401	0.193886	-2.80583	0.006043	0.028418	1
ENSG0000 response	Inflamed	CTD-3187	pseudoger chr19	51641227	51641891	+	421	1.763723	0.637232	-0.39829	0.141952	-2.80581	0.006044	0.028418	1
ENSG0000 response	Inflamed	RP1-2801	antisense chr1	2.1E+08	2.1E+08	-	477	4.210024	0.243437	-0.43929	0.156566	-2.8058	0.006044	0.028418	1
ENSG0000 response	Inflamed	SPRYD7	protein_cc chr13	50486842	50510626	-	3340	458.4224	0	0.275972	0.098373	2.805362	0.006051	0.028449	1
ENSG0000 response	Inflamed	AKT3	protein_cc chr1	2.44E+08	2.44E+08	-	7499	552.6253	0	-0.57159	0.203762	-2.80518	0.006054	0.028459	1

ENSG0000 response	Inflamed	COX7C	protein_cc chr5	85913721	85916779	+	1993	5311.126	0	0.351049	0.125164	2.804717	0.006062	0.028492	1
ENSG0000 response	Inflamed	MT-TQ	Mt_tRNA chrM	4329	4400	-	72	54.83771	0.009547	0.445871	0.158989	2.804423	0.006068	0.028508	1
ENSG0000 response	Inflamed	CYGB	protein_cc chr17	74523438	74547257	-	2949	2611.375	0	-0.39527	0.140946	-2.80439	0.006068	0.028508	1
ENSG0000 response	Inflamed	CTD-2587	lincRNA chr19	55728028	55732984	+	1577	4.954654	0.24105	0.457047	0.162992	2.804113	0.006073	0.028524	1
ENSG0000 response	Inflamed	RP11-480	lincRNA chr1	2.03E+08	2.03E+08	+	2321	8.22673	0.155131	0.46006	0.164068	2.804074	0.006074	0.028524	1
ENSG0000 response	Inflamed	SLC9A7	protein_cc chrX	46464753	46618490	-	3838	132.7613	0.004773	-0.4822	0.17199	-2.80367	0.006081	0.028551	1
ENSG0000 response	Inflamed	GEMIN8P4	pseudoger chr1	90459152	90459880	-	729	24.97852	0.002387	0.38958	0.138956	2.803616	0.006082	0.028551	1
ENSG0000 response	Inflamed	RP6-159A1	pseudoger chrX	65176131	65177038	-	908	3.109785	0.25537	-0.33963	0.121143	-2.80351	0.006083	0.028555	1
ENSG0000 response	Inflamed	SPATC1L	protein_cc chr21	47581062	47604390	-	2333	228.2792	0	-0.35434	0.12643	-2.80263	0.006099	0.028621	1
ENSG0000 response	Inflamed	HLA-DPB1	protein_cc chr6	33043703	33054978	+	2862	7398.523	0	-0.40194	0.143463	-2.80168	0.006115	0.028695	1
ENSG0000 response	Inflamed	TBC1D22B	protein_cc chr6	37225548	37300746	+	3462	926.5298	0	0.217272	0.077553	2.801609	0.006117	0.028695	1
ENSG0000 response	Inflamed	RP11-616	antisense chr16	1256560	1257124	-	338	14.7852	0.136038	0.637342	0.227503	2.801468	0.006119	0.0287	1
ENSG0000 response	Inflamed	DUSP5	protein_cc chr10	1.12E+08	1.12E+08	+	2615	1963.702	0	-0.47452	0.169385	-2.80143	0.00612	0.0287	1
ENSG0000 response	Inflamed	SRPK3	protein_cc chrX	1.53E+08	1.53E+08	+	4744	52.98568	0	0.466196	0.166418	2.801345	0.006121	0.0287	1
ENSG0000 response	Inflamed	GLYATL3	protein_cc chr6	49467671	49494760	+	1124	1.880668	0.649165	0.393221	0.140371	2.801302	0.006122	0.0287	1
ENSG0000 response	Inflamed	ABHD14A	protein_cc chr3	52005442	52015212	+	2309	228.5442	0	-0.3024	0.10796	-2.80105	0.006126	0.028715	1
ENSG0000 response	Inflamed	AC040977	protein_cc chr17	6915928	6917755	-	522	5.630072	0.131265	-0.44927	0.160418	-2.80065	0.006134	0.028744	1
ENSG0000 response	Inflamed	ADRBK2	protein_cc chr22	25960816	26125261	+	9153	655.358	0	-0.5297	0.189138	-2.80059	0.006135	0.028744	1
ENSG0000 response	Inflamed	CTD-2184	antisense chr15	52348872	52392720	-	635	0.899761	0.792363	-0.34029	0.121529	-2.80005	0.006144	0.028783	1
ENSG0000 response	Inflamed	CTD-2385	antisense chr16	23723311	23724114	+	534	4.670644	0.183771	0.4026	0.143807	2.799581	0.006152	0.028816	1
ENSG0000 response	Inflamed	LRWD1	protein_cc chr7	1.02E+08	1.02E+08	+	5926	948.2458	0	-0.2302	0.082229	-2.79952	0.006153	0.028816	1
ENSG0000 response	Inflamed	SAMD12	protein_cc chr8	1.19E+08	1.2E+08	-	10756	611.821	0	0.553385	0.197686	2.799318	0.006157	0.028828	1
ENSG0000 response	Inflamed	TSHZ1	protein_cc chr18	72922710	73001905	+	8281	1362.632	0	0.392735	0.140341	2.798429	0.006173	0.028896	1
ENSG0000 response	Inflamed	HSCB	protein_cc chr22	29138019	29153503	+	1462	204.4057	0	-0.25473	0.091044	-2.79793	0.006182	0.028932	1
ENSG0000 response	Inflamed	LRR4B	protein_cc chr19	51020149	51071302	-	3121	138.2458	0.004773	-0.55899	0.199808	-2.79766	0.006186	0.028947	1
ENSG0000 response	Inflamed	KRT6C	protein_cc chr12	52862300	52867569	-	2896	4.307876	0.637232	-0.71121	0.254219	-2.79763	0.006187	0.028947	1
ENSG0000 response	Inflamed	ZBTB42	protein_cc chr14	1.05E+08	1.05E+08	+	3905	706.7041	0	0.23107	0.082617	2.79689	0.0062	0.029003	1
ENSG0000 response	Inflamed	ACTN3	polymorpt chr11	66313866	66330800	+	3517	6.121718	0.25537	-0.54736	0.195739	-2.79636	0.006209	0.029042	1
ENSG0000 response	Inflamed	GCSAM	protein_cc chr3	1.12E+08	1.12E+08	-	3783	102.2243	0.00716	-0.64044	0.229042	-2.79618	0.006213	0.029052	1
ENSG0000 response	Inflamed	CAMK1	protein_cc chr3	9799026	9811676	-	2720	511.4439	0	-0.28284	0.101156	-2.79602	0.006215	0.02906	1
ENSG0000 response	Inflamed	TRAK1	protein_cc chr3	42055294	42267381	+	10992	5640.623	0	0.324615	0.116111	2.795732	0.006221	0.029079	1
ENSG0000 response	Inflamed	AL122127	miRNA chr14	1.06E+08	1.06E+08	-	70	30.69451	0.083532	-0.7886	0.282081	-2.79566	0.006222	0.02908	1
ENSG0000 response	Inflamed	DCTD	protein_cc chr4	1.84E+08	1.84E+08	-	3466	1971.033	0	-0.184	0.065821	-2.7955	0.006225	0.029087	1
ENSG0000 response	Inflamed	IBA57	protein_cc chr1	2.28E+08	2.28E+08	+	10219	853.6134	0	0.203559	0.072818	2.795456	0.006226	0.029087	1
ENSG0000 response	Inflamed	HOX3	protein_cc chr7	27145803	27192200	-	4306	551.6945	0	0.528935	0.189238	2.795083	0.006232	0.029112	1
ENSG0000 response	Inflamed	RP11-888	lincRNA chr18	9315192	9334439	-	466	6.310263	0.138425	-0.41903	0.149937	-2.7947	0.006239	0.029134	1
ENSG0000 response	Inflamed	GPX1P1	pseudoger chrX	13396854	13397459	-	606	146.6802	0.042959	-0.44377	0.15879	-2.79466	0.00624	0.029134	1
ENSG0000 response	Inflamed	MTRNR2L5	protein_cc chr6	62284008	62284534	+	527	4.396181	0.293556	0.416955	0.149199	2.794634	0.00624	0.029134	1
ENSG0000 response	Inflamed	TULP3	protein_cc chr12	2986389	3050306	+	3181	702.1313	0	-0.29777	0.106556	-2.79449	0.006243	0.029141	1
ENSG0000 response	Inflamed	COX6B2	protein_cc chr19	55860674	55866182	-	3815	245.9857	0.002387	0.559927	0.200393	2.794144	0.006249	0.029165	1

ENSG0000 response	Inflamed	RP4-583P1	antisense chr20	62376042	62377311	+	471	3.064439	0.398568	-0.39573	0.14164	-2.79389	0.006253	0.029181	1
ENSG0000 response	Inflamed	SYT15	protein_cc chr10	46955444	46971400	-	7158	144.0549	0.00716	-0.60442	0.21636	-2.79359	0.006259	0.0292	1
ENSG0000 response	Inflamed	CLDN1	protein_cc chr3	1.9E+08	1.9E+08	-	3663	406.5871	0.004773	-0.81827	0.292931	-2.79337	0.006263	0.029208	1
ENSG0000 response	Inflamed	SLC3A1	protein_cc chr2	44502599	44548633	+	6532	815.5871	0.004773	1.079977	0.386626	2.793342	0.006263	0.029208	1
ENSG0000 response	Inflamed	C16orf95	protein_cc chr16	87117168	87351022	-	3069	16.96181	0.004773	-0.27827	0.099622	-2.79329	0.006264	0.029208	1
ENSG0000 response	Inflamed	HSD3B1	protein_cc chr1	1.2E+08	1.2E+08	+	2447	14.34606	0.355609	0.741772	0.265558	2.793262	0.006265	0.029208	1
ENSG0000 response	Inflamed	NXPE1	protein_cc chr11	1.14E+08	1.14E+08	-	4317	2923.804	0.004773	1.160159	0.41545	2.792536	0.006278	0.029263	1
ENSG0000 response	Inflamed	FCRL2	protein_cc chr1	1.58E+08	1.58E+08	-	5058	416.4081	0	-0.83823	0.300282	-2.79147	0.006297	0.029347	1
ENSG0000 response	Inflamed	MS4A1	protein_cc chr11	60223225	60238233	+	4872	1141.709	0.00716	-1.16875	0.418705	-2.79134	0.006299	0.029353	1
ENSG0000 response	Inflamed	RN7SL842l	misc_RNA chr19	14699169	14699465	+	297	1.181384	0.768496	-0.31388	0.112452	-2.79121	0.006302	0.029359	1
ENSG0000 response	Inflamed	RP11-356l	antisense chr6	1.38E+08	1.38E+08	-	4088	65.21718	0.00716	-0.49252	0.176503	-2.79044	0.006316	0.029418	1
ENSG0000 response	Inflamed	RP11-355F	antisense chr2	75381492	75417075	+	3438	8.806683	0.145585	-0.56997	0.204279	-2.79018	0.00632	0.029435	1
ENSG0000 response	Inflamed	POU3F1	protein_cc chr1	38509523	38512450	-	2928	10.28878	0.200477	-0.63639	0.228106	-2.78989	0.006326	0.029454	1
ENSG0000 response	Inflamed	CSNK1E	protein_cc chr22	38686697	38794527	-	6699	4358.005	0	-0.25712	0.092164	-2.78977	0.006328	0.029455	1
ENSG0000 response	Inflamed	ZEB1	protein_cc chr10	31607424	31818742	+	8561	504.0215	0.002387	-0.59561	0.213499	-2.78975	0.006328	0.029455	1
ENSG0000 response	Inflamed	KCNS1	protein_cc chr20	43720951	43729753	-	4538	15.09785	0.119332	-0.71211	0.25528	-2.78953	0.006332	0.029469	1
ENSG0000 response	Inflamed	SEMA3E	protein_cc chr7	82993222	83278326	-	6748	19.59189	0.095465	0.703311	0.252196	2.788748	0.006346	0.029529	1
ENSG0000 response	Inflamed	AP000487	antisense chr11	70218352	70244594	-	3078	8.522673	0.033413	0.348218	0.124871	2.788633	0.006348	0.029534	1
ENSG0000 response	Inflamed	RP1-212Gf	antisense chrX	47518232	47519776	+	1545	11.86874	0.042959	0.333485	0.119613	2.788024	0.006359	0.02958	1
ENSG0000 response	Inflamed	RP11-376f	pseudoger chr1	84810361	84815622	+	905	1.945107	0.546539	0.37052	0.132903	2.787905	0.006362	0.029581	1
ENSG0000 response	Inflamed	LAMB2	protein_cc chr3	49158547	49170551	-	6865	5251.592	0	-0.52645	0.188833	-2.78789	0.006362	0.029581	1
ENSG0000 response	Inflamed	CPT1A	protein_cc chr11	68522088	68611878	-	6565	11477.06	0	0.383827	0.137704	2.787324	0.006372	0.029624	1
ENSG0000 response	Inflamed	CYTL1	protein_cc chr4	5016313	5021199	-	1003	49.96181	0	-0.52913	0.189852	-2.78707	0.006377	0.02964	1
ENSG0000 response	Inflamed	RP11-566k	processed_chr16	89972565	89984641	+	559	3.842482	0.293556	-0.44661	0.160273	-2.78655	0.006386	0.029679	1
ENSG0000 response	Inflamed	RP11-731l	lincRNA chr4	1.52E+08	1.52E+08	-	540	10.88067	0.124105	0.509485	0.182845	2.786428	0.006388	0.029684	1
ENSG0000 response	Inflamed	C16orf71	protein_cc chr16	4784273	4799397	+	3977	16.4105	0.00716	-0.29276	0.105069	-2.78634	0.00639	0.029684	1
ENSG0000 response	Inflamed	TSPAN7	protein_cc chrX	38420623	38548169	+	3105	1792.566	0	0.425534	0.152724	2.786299	0.006391	0.029684	1
ENSG0000 response	Inflamed	CTC-459l6	antisense chr5	80243516	80256726	-	1166	2.756563	0.420048	-0.39427	0.141531	-2.78572	0.006401	0.029722	1
ENSG0000 response	Inflamed	CTD-2134f	lincRNA chr14	1.04E+08	1.04E+08	-	582	6.587112	0.140811	0.436611	0.156734	2.785689	0.006402	0.029722	1
ENSG0000 response	Inflamed	ACTBP1	pseudoger chrX	46147451	46148563	-	1113	1.916468	0.644391	-0.48342	0.173538	-2.78566	0.006402	0.029722	1
ENSG0000 response	Inflamed	AC011298	lincRNA chr2	2.42E+08	2.42E+08	+	3398	48.56563	0.042959	0.853706	0.306486	2.785462	0.006406	0.029732	1
ENSG0000 response	Inflamed	DAB2IP	protein_cc chr9	1.24E+08	1.25E+08	+	8408	8616.451	0	0.359895	0.129206	2.785434	0.006407	0.029732	1
ENSG0000 response	Inflamed	TMEM229	protein_cc chr14	67913801	68000456	-	6377	1109.291	0	0.316936	0.113804	2.784939	0.006416	0.029768	1
ENSG0000 response	Inflamed	GGT7	protein_cc chr20	33432523	33460663	-	2966	1024.647	0	0.349724	0.125589	2.784673	0.006421	0.029786	1
ENSG0000 response	Inflamed	TMEM200	protein_cc chr1	29445940	29450447	-	2639	279.2148	0	-0.5256	0.188758	-2.78454	0.006423	0.029792	1
ENSG0000 response	Inflamed	IGHV1OR1	IG_V_pseu chr15	22466058	22466493	-	351	151.9737	0.064439	-0.9632	0.346137	-2.78273	0.006456	0.029941	1
ENSG0000 response	Inflamed	LRRC19	protein_cc chr9	26993134	27005691	-	3609	1371.594	0.004773	0.897062	0.322412	2.782351	0.006463	0.029963	1
ENSG0000 response	Inflamed	CTD-2026c	pseudoger chr2	57982563	57993187	+	1701	23.43437	0.064439	-0.74367	0.267281	-2.78235	0.006463	0.029963	1
ENSG0000 response	Inflamed	KRT17P1	pseudoger chr17	16744057	16749197	-	2431	1.183771	0.770883	-0.3571	0.128375	-2.78167	0.006476	0.030016	1
ENSG0000 response	Inflamed	HS3ST5	protein_cc chr6	1.14E+08	1.15E+08	-	4104	1.53222	0.661098	0.400177	0.14387	2.781517	0.006479	0.030023	1

ENSG0000 response	Inflamed	ACY3	protein_cc chr11	67410026	67418130	-	1300	513.4558	0	0.494941	0.17795	2.781342	0.006482	0.030033	1
ENSG0000 response	Inflamed	PDXDC1	protein_cc chr16	15068448	15233196	+	8908	10527.02	0	0.334043	0.120105	2.78127	0.006483	0.030034	1
ENSG0000 response	Inflamed	DHFRP1	pseudoger chr18	23749724	23751313	-	1590	3.171838	0.27685	0.342412	0.123117	2.781202	0.006484	0.030035	1
ENSG0000 response	Inflamed	HHIP	protein_cc chr4	1.46E+08	1.46E+08	+	12074	459.043	0.004773	0.832004	0.299165	2.781087	0.006487	0.030039	1
ENSG0000 response	Inflamed	CD164	protein_cc chr6	1.1E+08	1.1E+08	-	6944	14310.18	0	0.418985	0.150664	2.780928	0.00649	0.030047	1
ENSG0000 response	Inflamed	CMAS	protein_cc chr12	22199108	22218608	+	2018	2442.074	0	0.414561	0.149087	2.78067	0.006494	0.030063	1
ENSG0000 response	Inflamed	AC002398	lincRNA chr19	36279778	36288787	-	2488	3.136038	0.396181	-0.45568	0.16388	-2.7806	0.006496	0.030063	1
ENSG0000 response	Inflamed	RP11-7601	lincRNA chr8	1.21E+08	1.21E+08	+	752	27.79475	0.0358	0.531816	0.191262	2.780562	0.006496	0.030063	1
ENSG0000 response	Inflamed	TSPAN1	protein_cc chr1	46640745	46651630	+	2366	36408.76	0	0.663672	0.238693	2.780448	0.006498	0.030067	1
ENSG0000 response	Inflamed	PROCA1	protein_cc chr17	27030215	27038872	-	4829	94.06921	0	-0.46227	0.166265	-2.78031	0.006501	0.03007	1
ENSG0000 response	Inflamed	CDH1	protein_cc chr16	68771128	68869451	+	6154	27549.09	0	0.57127	0.205471	2.780296	0.006501	0.03007	1
ENSG0000 response	Inflamed	SH3GLB2	protein_cc chr9	1.32E+08	1.32E+08	-	6814	4765.236	0	0.222367	0.080004	2.779432	0.006517	0.030139	1
ENSG0000 response	Inflamed	LINC00942	lincRNA chr12	1609691	1616484	-	2417	2.145585	0.553699	0.426035	0.153302	2.779056	0.006524	0.030166	1
ENSG0000 response	Inflamed	RP11-170L	pseudoger chr16	31973384	31985682	+	513	3.918854	0.420048	-0.46796	0.168399	-2.77889	0.006527	0.030174	1
ENSG0000 response	Inflamed	TMEM54	protein_cc chr1	33360195	33367039	-	1417	13585.88	0	0.49009	0.176366	2.778834	0.006528	0.030174	1
ENSG0000 response	Inflamed	RP11-1025	lincRNA chr14	1.02E+08	1.02E+08	-	454	9.050119	0.155131	-0.48494	0.174522	-2.77869	0.006531	0.030182	1
ENSG0000 response	Inflamed	CST2	protein_cc chr20	23804406	23807368	-	748	2.069212	0.615752	-0.47446	0.170758	-2.77858	0.006533	0.030185	1
ENSG0000 response	Inflamed	RUNX1	protein_cc chr21	36160098	37376965	-	15574	2543.671	0	-0.40527	0.145879	-2.7781	0.006542	0.030221	1
ENSG0000 response	Inflamed	HS3ST6	protein_cc chr16	1961464	1968441	-	1273	12.05012	0.544153	0.684296	0.246343	2.777822	0.006547	0.03024	1
ENSG0000 response	Inflamed	RP11-863F	lincRNA chr16	88210904	88219696	-	1526	24.13365	0.026253	-0.71963	0.259067	-2.77777	0.006548	0.03024	1
ENSG0000 response	Inflamed	RP11-219E	lincRNA chr14	21366144	21404414	-	351	3.718377	0.587112	0.400512	0.144239	2.77673	0.006568	0.030324	1
ENSG0000 response	Inflamed	TMEM80	protein_cc chr11	695428	705028	+	4071	859.9594	0	0.249231	0.089766	2.776445	0.006573	0.030343	1
ENSG0000 response	Inflamed	NSUN7	protein_cc chr4	40751914	40812002	+	4728	251.358	0	0.398947	0.143748	2.775327	0.006594	0.030435	1
ENSG0000 response	Inflamed	RP11-2501	pseudoger chr9	69475237	69475614	+	378	5.704057	0.422434	0.519043	0.187042	2.775015	0.0066	0.030456	1
ENSG0000 response	Inflamed	MYO15B	protein_cc chr17	73584139	73622929	+	12862	15764.55	0	0.497952	0.179462	2.774699	0.006606	0.030479	1
ENSG0000 response	Inflamed	EFNB1	protein_cc chrX	68048840	68061990	+	3314	5231.258	0	0.294665	0.106202	2.774563	0.006608	0.030479	1
ENSG0000 response	Inflamed	CTD-30641	antisense chr8	1.42E+08	1.42E+08	+	2961	12.05489	0.178998	-0.67844	0.24452	-2.77456	0.006608	0.030479	1
ENSG0000 response	Inflamed	BEND7	protein_cc chr10	13480484	13570974	-	9815	719.2291	0	0.432383	0.155842	2.774504	0.006609	0.030479	1
ENSG0000 response	Inflamed	C12orf77	protein_cc chr12	25146358	25150453	-	2474	1.75179	0.656325	-0.40814	0.147121	-2.77416	0.006616	0.030502	1
ENSG0000 response	Inflamed	LRIG3	protein_cc chr12	59265931	59314303	-	5893	1338.444	0	0.478987	0.172663	2.77412	0.006617	0.030502	1
ENSG0000 response	Inflamed	SLC6A16	protein_cc chr19	49792895	49828482	-	3599	50.25298	0.009547	-0.55344	0.19951	-2.77398	0.006619	0.030509	1
ENSG0000 response	Inflamed	TAGLN2	protein_cc chr1	1.6E+08	1.6E+08	-	2487	16930.16	0	-0.20881	0.075287	-2.77357	0.006627	0.030539	1
ENSG0000 response	Inflamed	DHCR24	protein_cc chr1	55315306	55352891	-	4441	13627.86	0	0.420856	0.151759	2.773176	0.006635	0.030568	1
ENSG0000 response	Inflamed	NRBP1	protein_cc chr2	27650657	27665126	+	5329	3964.487	0	-0.15558	0.056106	-2.77304	0.006637	0.030573	1
ENSG0000 response	Inflamed	LGALS9B	protein_cc chr17	20352708	20370852	-	2670	499.9475	0	0.699277	0.252174	2.772997	0.006638	0.030573	1
ENSG0000 response	Inflamed	LYPD5	protein_cc chr19	44300081	44331358	-	5091	314.5298	0	-0.62985	0.227144	-2.77291	0.00664	0.030575	1
ENSG0000 response	Inflamed	RNF213	protein_cc chr17	78234665	78372586	+	28570	18573.21	0	-0.4436	0.159999	-2.77253	0.006647	0.030603	1
ENSG0000 response	Inflamed	TFEC	protein_cc chr7	1.16E+08	1.16E+08	-	8644	184.7613	0	-0.64058	0.231073	-2.77219	0.006653	0.030627	1
ENSG0000 response	Inflamed	CEBPG	protein_cc chr19	33864236	33873592	+	4411	2857.308	0	0.390999	0.141049	2.77208	0.006655	0.030627	1
ENSG0000 response	Inflamed	C12orf79	protein_cc chr12	92378756	92536690	-	3638	18.54177	0.026253	-0.47411	0.171033	-2.77207	0.006655	0.030627	1

ENSG0000 response	Inflamed	SNHG9	lincRNA	chr16	2014960	2015510	+	551	115.4988	0	-0.33396	0.120477	-2.77195	0.006658	0.030632	1
ENSG0000 response	Inflamed	C4BPB	protein_cc	chr1	2.07E+08	2.07E+08	+	3219	772.3317	0.002387	-0.99092	0.357502	-2.7718	0.006661	0.030636	1
ENSG0000 response	Inflamed	CILP2	protein_cc	chr19	19649057	19657468	+	4360	22.08592	0.047733	-0.69022	0.249017	-2.77179	0.006661	0.030636	1
ENSG0000 response	Inflamed	RIMBP2	protein_cc	chr12	1.31E+08	1.31E+08	-	8738	129.0263	0.019093	0.641171	0.231339	2.771561	0.006665	0.03065	1
ENSG0000 response	Inflamed	SGSM3	protein_cc	chr22	40766595	40806293	+	4770	5680.146	0	0.216659	0.078175	2.771467	0.006667	0.030651	1
ENSG0000 response	Inflamed	ALDH5A1	protein_cc	chr6	24495080	24537435	+	5525	944.6897	0	0.411145	0.148351	2.771426	0.006668	0.030651	1
ENSG0000 response	Inflamed	MAGED4	protein_cc	chrX	51927919	51935364	+	4809	1.725537	0.563246	-0.35562	0.128337	-2.77095	0.006677	0.030687	1
ENSG0000 response	Inflamed	OSBPL8	protein_cc	chr12	76745577	76953589	-	9198	959.0668	0	-0.5503	0.198621	-2.77061	0.006683	0.030711	1
ENSG0000 response	Inflamed	SCO1	protein_cc	chr17	10583654	10601692	-	2367	1081.487	0	0.265453	0.095826	2.770161	0.006692	0.030739	1
ENSG0000 response	Inflamed	ABCD2	protein_cc	chr12	39943835	40013553	-	6238	42.31742	0.019093	-0.6418	0.231687	-2.77012	0.006693	0.030739	1
ENSG0000 response	Inflamed	AC115522	lincRNA	chr19	44298461	44299810	-	556	11.72554	0.090692	-0.48221	0.174077	-2.77011	0.006693	0.030739	1
ENSG0000 response	Inflamed	KL	protein_cc	chr13	33590207	33640282	+	5301	95.93079	0.01432	-0.47713	0.172256	-2.76991	0.006696	0.030751	1
ENSG0000 response	Inflamed	UGT1A4	protein_cc	chr2	2.35E+08	2.35E+08	+	2522	2.400955	0.682578	0.421925	0.152328	2.769854	0.006698	0.030751	1
ENSG0000 response	Inflamed	PSMB2	protein_cc	chr1	36067185	36107445	-	2701	3778.933	0	-0.18972	0.068503	-2.76949	0.006704	0.030777	1
ENSG0000 response	Inflamed	GLYCTK	protein_cc	chr3	52321105	52329272	+	4793	1366.547	0	0.330939	0.119497	2.769427	0.006706	0.030777	1
ENSG0000 response	Inflamed	RP11-134F	lincRNA	chr1	2.03E+08	2.03E+08	-	2725	6.632458	0.231504	-0.5235	0.189038	-2.7693	0.006708	0.030783	1
ENSG0000 response	Inflamed	GPR17	protein_cc	chr2	1.28E+08	1.28E+08	+	2671	35.43198	0.026253	0.616637	0.222749	2.768303	0.006727	0.030865	1
ENSG0000 response	Inflamed	TBC1D25	protein_cc	chrX	48397845	48420997	+	4223	783.0024	0	-0.19896	0.071872	-2.76825	0.006728	0.030865	1
ENSG0000 response	Inflamed	IRF1	protein_cc	chr5	1.32E+08	1.32E+08	-	7799	8984.632	0	-0.40352	0.145829	-2.76707	0.006751	0.030963	1
ENSG0000 response	Inflamed	AL121985	pseudoger	chr1	1.61E+08	1.61E+08	+	237	2.875895	0.463007	-0.49133	0.177573	-2.76691	0.006754	0.030971	1
ENSG0000 response	Inflamed	01-Mar	protein_cc	chr4	1.64E+08	1.65E+08	-	10421	229.6229	0	-0.58931	0.213024	-2.76642	0.006763	0.031009	1
ENSG0000 response	Inflamed	TRIM31-A'	antisense	chr6	30073017	30082501	+	549	16.46539	0.01432	0.437167	0.158031	2.76634	0.006765	0.031011	1
ENSG0000 response	Inflamed	AC004160	antisense	chr7	11446582	11453705	+	563	1.260143	0.684964	-0.30528	0.110359	-2.76622	0.006767	0.031016	1
ENSG0000 response	Inflamed	RP11-430k	pseudoger	chr9	1.15E+08	1.15E+08	+	413	3.599045	0.310263	-0.40545	0.146575	-2.76613	0.006769	0.031018	1
ENSG0000 response	Inflamed	GATA1	protein_cc	chrX	48644962	48652716	+	1498	28.6969	0.009547	-0.51658	0.186781	-2.76568	0.006777	0.031053	1
ENSG0000 response	Inflamed	TBX1	protein_cc	chr22	19744226	19771116	+	3494	42.91885	0.016706	-0.68159	0.246466	-2.76545	0.006782	0.031065	1
ENSG0000 response	Inflamed	RP4-659I1'	pseudoger	chr1	2.33E+08	2.33E+08	+	784	6.307876	0.415274	0.502583	0.181739	2.76542	0.006783	0.031065	1
ENSG0000 response	Inflamed	ABHD14A-	protein_cc	chr3	52009066	52023199	+	2164	193.4773	0	0.346918	0.125491	2.764489	0.006801	0.031142	1
ENSG0000 response	Inflamed	AC011747	lincRNA	chr2	8683722	8715631	-	1036	12.31981	0.064439	0.535634	0.1938	2.763845	0.006813	0.031192	1
ENSG0000 response	Inflamed	PCTP	protein_cc	chr17	53828340	53920191	+	5880	965.7947	0	0.23474	0.084934	2.763795	0.006814	0.031192	1
ENSG0000 response	Inflamed	PCDH15	protein_cc	chr10	55562531	57387702	-	14967	6.713604	0.420048	-0.72088	0.260845	-2.76364	0.006817	0.031201	1
ENSG0000 response	Inflamed	ADCY7	protein_cc	chr16	50280048	50352046	+	8630	2362.236	0	-0.40515	0.146627	-2.76313	0.006827	0.031241	1
ENSG0000 response	Inflamed	PTP4A2P2	pseudoger	chr11	1.34E+08	1.34E+08	-	502	1.422434	0.651551	-0.33078	0.119722	-2.76293	0.006831	0.03125	1
ENSG0000 response	Inflamed	ST6GAL1	protein_cc	chr3	1.87E+08	1.87E+08	+	9151	7101.589	0	-0.45479	0.164607	-2.76288	0.006832	0.03125	1
ENSG0000 response	Inflamed	FAM177A1	protein_cc	chr14	35514113	35582336	+	8383	1688.554	0	0.273073	0.098838	2.762835	0.006833	0.03125	1
ENSG0000 response	Inflamed	ST3GAL6	protein_cc	chr3	98451080	98540045	+	6288	101.2792	0	-0.43273	0.156668	-2.7621	0.006847	0.03131	1
ENSG0000 response	Inflamed	TUBG1	protein_cc	chr17	40761694	40767252	+	2411	1242.974	0	-0.19152	0.069343	-2.76191	0.00685	0.031322	1
ENSG0000 response	Inflamed	STX1B	protein_cc	chr16	31000577	31021949	-	5408	63.46778	0.026253	-0.63129	0.228585	-2.76175	0.006854	0.031331	1
ENSG0000 response	Inflamed	KIAA1244	protein_cc	chr6	1.38E+08	1.39E+08	+	14877	1780.227	0	0.589001	0.213279	2.761639	0.006856	0.031335	1
ENSG0000 response	Inflamed	ZNF542	pseudoger	chr19	56879468	56891197	+	4690	179.5704	0	-0.36905	0.133643	-2.76147	0.006859	0.031344	1

ENSG0000 response	Inflamed	RP5-884G6 antisense	chr1	1E+08	1E+08	-	655	17.3389	0.002387	0.315358	0.114207	2.76129	0.006863	0.031354	1
ENSG0000 response	Inflamed	NAPRT1	protein_cc chr8	1.45E+08	1.45E+08	-	3079	5110.616	0	0.283681	0.102738	2.761213	0.006864	0.031354	1
ENSG0000 response	Inflamed	WDR86	protein_cc chr7	1.51E+08	1.51E+08	-	4026	70.22912	0.00716	-0.58046	0.210221	-2.76118	0.006865	0.031354	1
ENSG0000 response	Inflamed	GRAMD1B	protein_cc chr11	1.23E+08	1.23E+08	+	9770	407.0811	0	-0.50767	0.183881	-2.76089	0.00687	0.031374	1
ENSG0000 response	Inflamed	STPG1	protein_cc chr1	24683489	24743424	-	8514	612.4749	0	0.316494	0.11464	2.760753	0.006873	0.031376	1
ENSG0000 response	Inflamed	ACOT9	protein_cc chrX	23720370	23784592	-	5046	1050.728	0	-0.3037	0.110008	-2.76075	0.006873	0.031376	1
ENSG0000 response	Inflamed	TMEM251	protein_cc chr14	93651296	93653434	+	1365	354.0692	0	0.279494	0.101252	2.760385	0.00688	0.031403	1
ENSG0000 response	Inflamed	RP11-1079 lincRNA	chr17	47438527	47447360	+	881	5.069212	0.174224	-0.40015	0.144964	-2.76032	0.006881	0.031403	1
ENSG0000 response	Inflamed	FETUB	protein_cc chr3	1.86E+08	1.86E+08	+	2024	3.336516	0.665871	0.629052	0.22793	2.759853	0.006891	0.03144	1
ENSG0000 response	Inflamed	TCP10	protein_cc chr6	1.68E+08	1.68E+08	-	7695	1.890215	0.613365	0.35292	0.127883	2.759703	0.006894	0.031448	1
ENSG0000 response	Inflamed	FGF4	protein_cc chr11	69587797	69590171	-	1220	1.799523	0.644391	-0.36938	0.133868	-2.75929	0.006902	0.031477	1
ENSG0000 response	Inflamed	OAS2	protein_cc chr12	1.13E+08	1.13E+08	+	6264	2000.36	0	-0.47229	0.171168	-2.75924	0.006903	0.031477	1
ENSG0000 response	Inflamed	TCTN1	protein_cc chr12	1.11E+08	1.11E+08	+	9605	482.0549	0	-0.29476	0.10683	-2.75919	0.006904	0.031477	1
ENSG0000 response	Inflamed	GVQW1	protein_cc chr9	32566787	32568619	+	1833	19.89737	0.01432	-0.25323	0.09178	-2.7591	0.006905	0.031479	1
ENSG0000 response	Inflamed	ART4	protein_cc chr12	14978503	14996429	-	5214	5.754177	0.274463	-0.52827	0.191487	-2.75876	0.006912	0.031502	1
ENSG0000 response	Inflamed	RP11-4181 lincRNA	chr16	9560512	9611421	+	796	1.047733	0.75895	0.252565	0.091551	2.758728	0.006913	0.031502	1
ENSG0000 response	Inflamed	ST18	protein_cc chr8	53023399	53373519	-	14396	22.9284	0.02148	0.532444	0.19301	2.758631	0.006915	0.031505	1
ENSG0000 response	Inflamed	TCF7L2	protein_cc chr10	1.15E+08	1.15E+08	+	5049	3524.284	0	0.463815	0.168139	2.758518	0.006917	0.03151	1
ENSG0000 response	Inflamed	CEACAM3	protein_cc chr19	42300369	42315591	+	3080	165.2888	0	-0.63992	0.231991	-2.75839	0.006919	0.031516	1
ENSG0000 response	Inflamed	MYO7B	protein_cc chr2	1.28E+08	1.28E+08	+	8806	12642.05	0	0.535155	0.194016	2.758303	0.006921	0.031518	1
ENSG0000 response	Inflamed	SCN5A	protein_cc chr3	38589548	38691164	-	10017	41.87589	0.00716	-0.47809	0.173366	-2.75766	0.006934	0.03157	1
ENSG0000 response	Inflamed	RAB3IP	protein_cc chr12	70132461	70216984	+	12612	634.7017	0	0.415933	0.150834	2.757563	0.006936	0.031573	1
ENSG0000 response	Inflamed	TP53INP2	protein_cc chr20	33292094	33301243	+	4228	8214.155	0	0.397666	0.144231	2.757157	0.006944	0.031599	1
ENSG0000 response	Inflamed	CRYGN	protein_cc chr7	1.51E+08	1.51E+08	-	2716	1.818616	0.553699	-0.32732	0.118717	-2.75715	0.006944	0.031599	1
ENSG0000 response	Inflamed	C3orf20	protein_cc chr3	14716606	14814541	+	3492	6.940334	0.157518	-0.45804	0.166203	-2.75592	0.006968	0.031704	1
ENSG0000 response	Inflamed	DNAH17	protein_cc chr17	76419778	76573476	-	16142	14.8926	0.095465	-0.63155	0.229203	-2.75541	0.006978	0.031745	1
ENSG0000 response	Inflamed	TEX11	protein_cc chrX	69748790	70128581	-	3371	63.31981	0	0.483978	0.175655	2.755278	0.006981	0.031751	1
ENSG0000 response	Inflamed	KIAA1737	protein_cc chr14	77564440	77583630	+	5300	1206.358	0	0.498276	0.180854	2.755136	0.006983	0.031758	1
ENSG0000 response	Inflamed	TAP1	protein_cc chr6	32812986	32821755	-	4742	11757.22	0	-0.31921	0.115874	-2.75483	0.00699	0.031781	1
ENSG0000 response	Inflamed	HTR7P1	pseudoger chr12	13152812	13155768	+	2299	27.72554	0.02864	-0.42181	0.15315	-2.75421	0.007002	0.031829	1
ENSG0000 response	Inflamed	RAB4A	protein_cc chr1	2.29E+08	2.29E+08	+	3297	1191.124	0	0.21691	0.078757	2.754173	0.007003	0.031829	1
ENSG0000 response	Inflamed	PARD3	protein_cc chr10	34398488	35104253	-	6513	1665.401	0	0.332325	0.120672	2.753962	0.007007	0.031842	1
ENSG0000 response	Inflamed	CCR6	protein_cc chr6	1.68E+08	1.68E+08	+	4226	16.39141	0.059666	-0.53578	0.194573	-2.75365	0.007013	0.031865	1
ENSG0000 response	Inflamed	ADCK1	protein_cc chr14	78266426	78401355	+	5317	469.8067	0	0.190326	0.06912	2.753565	0.007015	0.031867	1
ENSG0000 response	Inflamed	HSPB7	protein_cc chr1	16340523	16346089	-	3910	172.9212	0.002387	-0.82437	0.299411	-2.7533	0.00702	0.031883	1
ENSG0000 response	Inflamed	RP11-254F antisense	chr2	10194548	10194993	-	446	1.295943	0.644391	0.317438	0.115295	2.753269	0.007021	0.031883	1
ENSG0000 response	Inflamed	STON2	protein_cc chr14	81727000	81902809	-	6675	206.1551	0	0.454311	0.165025	2.752975	0.007026	0.031904	1
ENSG0000 response	Inflamed	AC097639 pseudoger	chr3	32232239	32233119	+	881	8.782816	0.150358	0.515782	0.187365	2.752827	0.007029	0.031912	1
ENSG0000 response	Inflamed	RP11-4211 lincRNA	chr16	48657347	48778553	+	1642	6.830549	0.066826	0.387555	0.140788	2.752766	0.007031	0.031912	1
ENSG0000 response	Inflamed	FEN1	protein_cc chr11	61560109	61564716	+	2478	918.0143	0	-0.29504	0.107205	-2.75209	0.007044	0.031967	1

ENSG0000 response	Inflamed	SYNE1	protein_cc chr6	1.52E+08	1.53E+08	-	45649	1698.89	0	-0.50811	0.18464	-2.7519	0.007048	0.031979	1
ENSG0000 response	Inflamed	S100B	protein_cc chr21	48018875	48025121	-	1448	212.6659	0	-0.51371	0.186678	-2.75183	0.007049	0.03198	1
ENSG0000 response	Inflamed	TCEAL3	protein_cc chrX	1.03E+08	1.03E+08	+	2305	313.8974	0	-0.30779	0.111853	-2.75172	0.007051	0.03198	1
ENSG0000 response	Inflamed	CTSV	protein_cc chr9	99794940	99801925	-	1721	112.4368	0.004773	0.750636	0.272789	2.751711	0.007052	0.03198	1
ENSG0000 response	Inflamed	DPYS	protein_cc chr8	1.05E+08	1.05E+08	-	3818	2.286396	0.48926	-0.41681	0.151481	-2.75155	0.007055	0.03198	1
ENSG0000 response	Inflamed	SLC16A4	protein_cc chr1	1.11E+08	1.11E+08	-	3167	152.9045	0.002387	-0.66115	0.240284	-2.75152	0.007055	0.03198	1
ENSG0000 response	Inflamed	FAR2	protein_cc chr12	29302036	29493913	+	5411	1459.234	0	0.428802	0.155842	2.751521	0.007055	0.03198	1
ENSG0000 response	Inflamed	AC003102	antisense chr17	42376942	42392683	-	5403	7.634845	0.121718	-0.53082	0.192934	-2.75128	0.00706	0.031996	1
ENSG0000 response	Inflamed	RP11-1275	lincRNA chr7	5468362	5469303	+	942	19.35561	0	0.322994	0.117404	2.751131	0.007063	0.032005	1
ENSG0000 response	Inflamed	HEY1	protein_cc chr8	80676245	80680098	-	3232	203.6253	0	-0.31673	0.115143	-2.75072	0.007071	0.032034	1
ENSG0000 response	Inflamed	TRAC	TR_C_gene chr14	23016447	23021097	+	974	1212.284	0	-0.46013	0.167282	-2.75062	0.007073	0.032034	1
ENSG0000 response	Inflamed	CCDC151	protein_cc chr19	11531272	11546603	-	2681	10.77327	0.002387	-0.33927	0.123344	-2.75057	0.007074	0.032034	1
ENSG0000 response	Inflamed	MTATP6P1	pseudoger chr1	569076	569756	+	681	1792.938	0	0.400234	0.145511	2.750535	0.007075	0.032034	1
ENSG0000 response	Inflamed	DNAJC11	protein_cc chr1	6694228	6761984	-	5147	3726.465	0	0.239113	0.086934	2.750505	0.007076	0.032034	1
ENSG0000 response	Inflamed	SLC9A1	protein_cc chr1	27425306	27493472	-	5974	7353.974	0	0.345593	0.12567	2.750009	0.007086	0.032064	1
ENSG0000 response	Inflamed	ADM2	protein_cc chr22	50919985	50924869	+	4276	620.8401	0	-0.34267	0.124606	-2.75001	0.007086	0.032064	1
ENSG0000 response	Inflamed	HSPA7	pseudoger chr1	1.62E+08	1.62E+08	+	1927	192.4081	0.004773	-0.67437	0.245228	-2.74999	0.007086	0.032064	1
ENSG0000 response	Inflamed	CITED4	protein_cc chr1	41326729	41328018	-	1290	151.6492	0	-0.53149	0.193285	-2.74975	0.007091	0.03208	1
ENSG0000 response	Inflamed	CHST1	protein_cc chr11	45670427	45687172	-	3478	182.4582	0	-0.44375	0.161409	-2.74923	0.007101	0.032119	1
ENSG0000 response	Inflamed	ADPGK	protein_cc chr15	73043710	73078187	-	5931	2503.026	0	-0.27185	0.098883	-2.7492	0.007102	0.032119	1
ENSG0000 response	Inflamed	SLC35A3	protein_cc chr1	1E+08	1E+08	+	6241	3257.64	0	0.581232	0.21143	2.749055	0.007105	0.032127	1
ENSG0000 response	Inflamed	RP11-5281	antisense chr4	56413279	56414056	+	778	2.064439	0.477327	-0.38637	0.140557	-2.74885	0.007109	0.03214	1
ENSG0000 response	Inflamed	RP11-380L	antisense chr12	1.24E+08	1.24E+08	-	623	4.689737	0.155131	-0.38748	0.140972	-2.74866	0.007113	0.032152	1
ENSG0000 response	Inflamed	CTA-384D	lincRNA chr22	51035581	51036028	+	448	1.315036	0.622912	-0.27829	0.101273	-2.74787	0.007129	0.032213	1
ENSG0000 response	Inflamed	ITGA8	protein_cc chr10	15555948	15762124	-	7528	905.864	0	-0.51969	0.18913	-2.74779	0.00713	0.032213	1
ENSG0000 response	Inflamed	DIRC1	protein_cc chr2	1.9E+08	1.9E+08	-	1037	1.551313	0.778043	-0.52138	0.189745	-2.74777	0.007131	0.032213	1
ENSG0000 response	Inflamed	NIPAL2	protein_cc chr8	99202061	99306621	-	5599	1763.859	0	0.509849	0.185552	2.747745	0.007131	0.032213	1
ENSG0000 response	Inflamed	HLA-DQB1	protein_cc chr6	32627244	32636160	-	4904	3107.112	0	-0.45752	0.166515	-2.74763	0.007134	0.032218	1
ENSG0000 response	Inflamed	IGHV5-78	IG_V_pseu chr14	1.07E+08	1.07E+08	-	295	13.96181	0.143198	-0.65522	0.238512	-2.74712	0.007144	0.032259	1
ENSG0000 response	Inflamed	AC010980	pseudoger chr2	2.23E+08	2.23E+08	+	2567	3.663484	0.317422	-0.44122	0.160622	-2.74695	0.007147	0.032269	1
ENSG0000 response	Inflamed	UGT8	protein_cc chr4	1.16E+08	1.16E+08	+	4699	1541.422	0	0.567297	0.206614	2.74568	0.007173	0.032379	1
ENSG0000 response	Inflamed	PTPN21	protein_cc chr14	88932122	89021077	-	7396	1421.931	0	0.428358	0.156046	2.745081	0.007185	0.032429	1
ENSG0000 response	Inflamed	SLC25A5P	pseudoger chr2	34064849	34065745	-	897	2.295943	0.460621	0.337752	0.12308	2.744158	0.007204	0.032508	1
ENSG0000 response	Inflamed	RP11-574k	protein_cc chr10	75556272	75571409	-	5818	46.07399	0.011933	-0.30692	0.111869	-2.74358	0.007216	0.032556	1
ENSG0000 response	Inflamed	CFH	protein_cc chr1	1.97E+08	1.97E+08	+	8144	1782.647	0	-0.58327	0.212626	-2.74316	0.007224	0.032588	1
ENSG0000 response	Inflamed	TRBV30	TR_V_gene chr7	1.43E+08	1.43E+08	-	447	14.08831	0.112172	-0.54352	0.198149	-2.74298	0.007228	0.0326	1
ENSG0000 response	Inflamed	WNT7B	protein_cc chr22	46316242	46373009	-	5051	21.1957	0.410501	-1.05554	0.384856	-2.7427	0.007234	0.03262	1
ENSG0000 response	Inflamed	CTD-2334	lincRNA chr5	1.2E+08	1.2E+08	+	1114	21.13604	0.023866	-0.52652	0.191994	-2.74239	0.00724	0.032643	1
ENSG0000 response	Inflamed	CTD-2005	pseudoger chr4	69650336	69653192	+	714	3.947494	0.400955	0.424847	0.154928	2.742228	0.007243	0.032652	1
ENSG0000 response	Inflamed	CTGLF11P	pseudoger chr10	47708307	47730235	+	2439	7.195704	0.372315	0.496501	0.181077	2.741931	0.007249	0.032674	1

ENSG0000 response	Inflamed	FBXO34	protein_cc chr14	55738021	55828636	+	4133	1971.002	0	0.409928	0.149543	2.741199	0.007264	0.032736	1
ENSG0000 response	Inflamed	CTD-2655t	antisense chr11	67889520	67897985	+	776	1.057279	0.713604	0.243682	0.088901	2.741036	0.007268	0.032744	1
ENSG0000 response	Inflamed	TYW1B	polymorph chr7	72023729	72298777	-	3406	119.2291	0.00716	0.405936	0.148098	2.740989	0.007269	0.032744	1
ENSG0000 response	Inflamed	CTD-2256f	antisense chr5	10264709	10267258	-	2550	7.415274	0.21957	0.527341	0.192398	2.740891	0.007271	0.032748	1
ENSG0000 response	Inflamed	RHPN1-AS	antisense chr8	1.44E+08	1.44E+08	-	1918	14.04773	0.023866	-0.36809	0.134306	-2.74069	0.007275	0.032759	1
ENSG0000 response	Inflamed	ZDHHC13	protein_cc chr11	19138646	19197969	+	7763	855.031	0	0.386536	0.141039	2.740642	0.007276	0.032759	1
ENSG0000 response	Inflamed	DPF2	protein_cc chr11	65101225	65120720	+	7715	1764.928	0	-0.20927	0.076367	-2.74035	0.007282	0.032781	1
ENSG0000 response	Inflamed	hsa-mir-45	miRNA chr14	1.06E+08	1.06E+08	-	70	59.73508	0.040573	-0.8344	0.304503	-2.74019	0.007285	0.03279	1
ENSG0000 response	Inflamed	TNK2	protein_cc chr3	1.96E+08	1.96E+08	-	11297	2521.377	0	-0.33719	0.123059	-2.74004	0.007288	0.032798	1
ENSG0000 response	Inflamed	IL19	protein_cc chr1	2.07E+08	2.07E+08	+	2579	8.415274	0.400955	-0.72029	0.262901	-2.73979	0.007293	0.032816	1
ENSG0000 response	Inflamed	PTPRU	protein_cc chr1	29563028	29653325	+	6700	378.0477	0.002387	-0.67016	0.244635	-2.73942	0.007301	0.032844	1
ENSG0000 response	Inflamed	PLXNB1	protein_cc chr3	48445261	48471594	-	9796	4862.315	0	0.367104	0.134018	2.739221	0.007305	0.032857	1
ENSG0000 response	Inflamed	SLC35A2	protein_cc chrX	48760459	48769235	-	3183	2310.523	0	0.205562	0.07505	2.738992	0.00731	0.032873	1
ENSG0000 response	Inflamed	KIF21B	protein_cc chr1	2.01E+08	2.01E+08	-	12148	1767.327	0	-0.40073	0.146345	-2.73829	0.007324	0.032932	1
ENSG0000 response	Inflamed	RP11-286t	sense_ove chr7	1.29E+08	1.29E+08	+	472	5.661098	0.107399	-0.39072	0.142689	-2.73824	0.007325	0.032932	1
ENSG0000 response	Inflamed	IGHA1	IG_C_gene chr14	1.06E+08	1.06E+08	-	1110	767809.4	0	-0.70883	0.258892	-2.73792	0.007332	0.032956	1
ENSG0000 response	Inflamed	NDFIP2	protein_cc chr13	80055287	80130210	+	4806	2104.141	0	0.413447	0.151019	2.737705	0.007336	0.03297	1
ENSG0000 response	Inflamed	RP11-490c	antisense chr16	11835766	11838362	+	2597	7.804296	0.042959	-0.3366	0.122954	-2.73761	0.007339	0.032974	1
ENSG0000 response	Inflamed	RP11-248J	protein_cc chr10	97709725	97744785	+	2990	2.069212	0.51074	-0.39448	0.144126	-2.73706	0.00735	0.033019	1
ENSG0000 response	Inflamed	COMTD1	protein_cc chr10	76993727	76995788	-	1580	1101.379	0	0.301979	0.110342	2.736749	0.007356	0.033039	1
ENSG0000 response	Inflamed	PFKFB2	protein_cc chr1	2.07E+08	2.07E+08	+	9815	3403.217	0	0.543367	0.198546	2.736728	0.007357	0.033039	1
ENSG0000 response	Inflamed	CREB3L3	protein_cc chr19	4153598	4173051	+	2678	538.2554	0.02148	1.27906	0.467402	2.736528	0.007361	0.033047	1
ENSG0000 response	Inflamed	ATPAF1	protein_cc chr1	47098409	47139539	-	5654	1323.2	0	0.215418	0.07872	2.736516	0.007361	0.033047	1
ENSG0000 response	Inflamed	FAM129C	protein_cc chr19	17634110	17664648	+	6628	301.4344	0.02148	-1.04652	0.382443	-2.7364	0.007364	0.033052	1
ENSG0000 response	Inflamed	MRPL35	protein_cc chr2	86426478	86440917	+	3829	1334.301	0	0.369435	0.135027	2.736008	0.007372	0.033083	1
ENSG0000 response	Inflamed	SHISA2	protein_cc chr13	26618735	26625169	-	2860	33.86874	0.016706	-0.52286	0.191167	-2.73511	0.00739	0.033161	1
ENSG0000 response	Inflamed	LINC00488	lincRNA chr3	1.09E+08	1.09E+08	+	2520	3.050119	0.565632	0.401077	0.14665	2.734924	0.007394	0.033173	1
ENSG0000 response	Inflamed	WIPI2	protein_cc chr7	5229819	5273457	+	8977	2378.134	0	-0.13995	0.05118	-2.73451	0.007403	0.033206	1
ENSG0000 response	Inflamed	RP11-599J	pseudoger chr12	9550951	9567447	-	400	20.46301	0.033413	-0.47371	0.173242	-2.7344	0.007405	0.033211	1
ENSG0000 response	Inflamed	PAOX	protein_cc chr10	1.35E+08	1.35E+08	+	2320	351.0286	0	-0.22499	0.082286	-2.73431	0.007407	0.033214	1
ENSG0000 response	Inflamed	AL450992	antisense chr1	1.52E+08	1.52E+08	+	506	42.07876	0.02148	-0.48187	0.176241	-2.73414	0.007411	0.033224	1
ENSG0000 response	Inflamed	AIMP2	protein_cc chr7	6048876	6063465	+	1838	976.8138	0	0.213953	0.07827	2.733507	0.007424	0.033278	1
ENSG0000 response	Inflamed	FRY	protein_cc chr13	32605437	32870794	+	16059	548.1527	0	-0.43303	0.158447	-2.73295	0.007435	0.033324	1
ENSG0000 response	Inflamed	KCNH4	protein_cc chr17	40308909	40333296	-	3924	16.88305	0.047733	-0.55944	0.204714	-2.7328	0.007439	0.033332	1
ENSG0000 response	Inflamed	RP11-963t	lincRNA chr17	10752858	10784212	+	774	9.892601	0.102625	0.500698	0.183254	2.732257	0.00745	0.033376	1
ENSG0000 response	Inflamed	RNU6-574	snRNA chr12	52381441	52381547	+	107	1.47494	0.603819	0.306508	0.112183	2.73222	0.007451	0.033376	1
ENSG0000 response	Inflamed	CTD-2566j	antisense chr14	68591721	68596913	-	537	134.4272	0.02864	0.860141	0.31487	2.731735	0.007461	0.033416	1
ENSG0000 response	Inflamed	LRRC70	protein_cc chr5	61874562	61877275	+	2249	8.107399	0.128878	-0.52726	0.193022	-2.73163	0.007463	0.03342	1
ENSG0000 response	Inflamed	RP11-399t	lincRNA chr9	1.38E+08	1.38E+08	-	886	2.455847	0.491647	-0.43671	0.159891	-2.73128	0.007471	0.033447	1
ENSG0000 response	Inflamed	TRBV9	TR_V_gene chr7	1.42E+08	1.42E+08	-	390	21.09308	0.019093	-0.50019	0.183142	-2.73116	0.007473	0.033452	1

ENSG0000 response	Inflamed	D2HGDH	protein_cc chr2	2.43E+08	2.43E+08	+	5279	1762.778	0	0.411834	0.150851	2.73007	0.007496	0.03355	1
ENSG0000 response	Inflamed	RP11-57H1	protein_cc chr1	95583479	95712781	+	1961	2.164678	0.50358	0.312312	0.114427	2.72935	0.007511	0.033612	1
ENSG0000 response	Inflamed	PCBD1	protein_cc chr10	72642037	72648541	-	1614	1893.926	0	0.273626	0.100258	2.729236	0.007514	0.033617	1
ENSG0000 response	Inflamed	CTD-2192J	protein_cc chr19	12754645	12759211	-	838	3.97136	0.205251	-0.33825	0.123978	-2.72829	0.007534	0.033701	1
ENSG0000 response	Inflamed	MXRA7	protein_cc chr17	74668633	74707098	-	9257	1550.776	0	-0.43359	0.15895	-2.72784	0.007543	0.033739	1
ENSG0000 response	Inflamed	CCL21	protein_cc chr9	34709002	34710121	-	924	2589.551	0.004773	-1.22529	0.449243	-2.72746	0.007551	0.033763	1
ENSG0000 response	Inflamed	LAMTOR3	protein_cc chr4	1.01E+08	1.01E+08	-	4226	1017.053	0	0.310812	0.113957	2.727447	0.007552	0.033763	1
ENSG0000 response	Inflamed	COX6A1	protein_cc chr12	1.21E+08	1.21E+08	+	1344	4010.284	0	0.350689	0.128581	2.727384	0.007553	0.033763	1
ENSG0000 response	Inflamed	CPA4	protein_cc chr7	1.3E+08	1.3E+08	+	3958	2.374702	0.541766	-0.47088	0.172652	-2.72734	0.007554	0.033763	1
ENSG0000 response	Inflamed	RP11-498E	lincRNA chr9	1.25E+08	1.25E+08	+	477	15.35561	0.02148	0.398601	0.146176	2.72686	0.007564	0.033803	1
ENSG0000 response	Inflamed	RP11-164F	antisense chr4	1.53E+08	1.53E+08	+	2565	11.26969	0.167064	0.643492	0.235999	2.72667	0.007568	0.033815	1
ENSG0000 response	Inflamed	SHE	protein_cc chr1	1.54E+08	1.54E+08	-	8441	472.9523	0	-0.42993	0.157687	-2.72648	0.007572	0.033827	1
ENSG0000 response	Inflamed	PACRG	protein_cc chr6	1.63E+08	1.64E+08	+	2573	7.754177	0.083532	0.46069	0.168973	2.726405	0.007574	0.033829	1
ENSG0000 response	Inflamed	HS3ST3B1	protein_cc chr17	14204400	14252721	+	5367	408.716	0	-0.50799	0.186326	-2.72633	0.007575	0.03383	1
ENSG0000 response	Inflamed	CDC14A	protein_cc chr1	1.01E+08	1.01E+08	+	5729	413.389	0.002387	0.576333	0.211403	2.726229	0.007578	0.033834	1
ENSG0000 response	Inflamed	TRBV5-4	TR_V_gene chr7	1.42E+08	1.42E+08	-	544	13.48687	0.066826	-0.48507	0.177933	-2.72612	0.00758	0.033839	1
ENSG0000 response	Inflamed	CT62	protein_cc chr15	71402583	71407833	-	2849	0.918854	0.761337	0.282075	0.103487	2.725709	0.007589	0.033872	1
ENSG0000 response	Inflamed	RP11-336A	lincRNA chr10	5650438	5652756	-	613	13.09547	0.052506	0.499708	0.183345	2.725508	0.007593	0.033886	1
ENSG0000 response	Inflamed	NKPD1	protein_cc chr19	45653008	45663408	-	4764	7.210024	0.085919	-0.46022	0.168863	-2.72541	0.007595	0.033889	1
ENSG0000 response	Inflamed	TRERF1	protein_cc chr6	42192669	42419789	-	7732	1009.878	0	-0.44071	0.161718	-2.72518	0.0076	0.033905	1
ENSG0000 response	Inflamed	MIIP	protein_cc chr1	12079523	12092102	+	2821	846.8282	0	-0.22609	0.082985	-2.72447	0.007615	0.033967	1
ENSG0000 response	Inflamed	ALG2	protein_cc chr9	1.02E+08	1.02E+08	-	2980	1603.823	0	-0.22364	0.082092	-2.72424	0.00762	0.033984	1
ENSG0000 response	Inflamed	QRFPR	protein_cc chr4	1.22E+08	1.22E+08	-	2160	2.181384	0.75895	-0.51659	0.189646	-2.72395	0.007626	0.034006	1
ENSG0000 response	Inflamed	SPAG16	protein_cc chr2	2.14E+08	2.15E+08	+	8335	281.0191	0	0.342363	0.125715	2.72333	0.00764	0.034059	1
ENSG0000 response	Inflamed	RP11-439L	lincRNA chr6	1.43E+08	1.43E+08	+	554	2.412888	0.494033	-0.37511	0.137772	-2.72267	0.007654	0.034117	1
ENSG0000 response	Inflamed	ESPNP	pseudogene chr1	17013834	17046652	-	3178	9.00716	0.272076	0.520394	0.191148	2.722472	0.007658	0.03413	1
ENSG0000 response	Inflamed	ELL3	protein_cc chr15	44064798	44069741	-	2880	59.11695	0.009547	0.553888	0.203524	2.721484	0.007679	0.034219	1
ENSG0000 response	Inflamed	EPAS1	protein_cc chr2	46520806	46613836	+	7296	16410.36	0	-0.34666	0.127408	-2.72083	0.007693	0.034276	1
ENSG0000 response	Inflamed	VDAC2	protein_cc chr10	76969912	76991206	+	2827	4903.647	0	0.242829	0.08926	2.720468	0.007701	0.034305	1
ENSG0000 response	Inflamed	CTD-2034I	lincRNA chr15	81846344	81989121	+	1087	1.785203	0.596659	-0.36773	0.135194	-2.72003	0.007711	0.034342	1
ENSG0000 response	Inflamed	SLC9A3R1	protein_cc chr17	72744791	72765492	+	2315	8302.327	0	0.363325	0.133608	2.719344	0.007726	0.034402	1
ENSG0000 response	Inflamed	ARL3	protein_cc chr10	1.04E+08	1.04E+08	-	3844	396.2458	0	-0.24127	0.088728	-2.71924	0.007728	0.034406	1
ENSG0000 response	Inflamed	RAB44	protein_cc chr6	36683256	36699870	+	2747	79.7327	0.009547	-0.54859	0.201785	-2.71867	0.00774	0.034456	1
ENSG0000 response	Inflamed	SCNN1G	protein_cc chr16	23194036	23228204	+	3507	358.3198	0.019093	1.170532	0.4306	2.718376	0.007747	0.034475	1
ENSG0000 response	Inflamed	DRAP1	protein_cc chr11	65686728	65689032	+	1737	1518.384	0	-0.22685	0.083453	-2.71835	0.007747	0.034475	1
ENSG0000 response	Inflamed	IQCJ-SCHIF	protein_cc chr3	1.59E+08	1.6E+08	+	4409	26.01432	0.019093	-0.52755	0.194098	-2.71798	0.007755	0.034505	1
ENSG0000 response	Inflamed	KCNIP4	protein_cc chr4	20730239	21950422	-	4112	16.5537	0.112172	0.737733	0.271433	2.717918	0.007757	0.034505	1
ENSG0000 response	Inflamed	XRCC1	protein_cc chr19	44047192	44084625	-	3459	962.9332	0	-0.19876	0.073131	-2.71783	0.007759	0.034508	1
ENSG0000 response	Inflamed	ETFDH	protein_cc chr4	1.6E+08	1.6E+08	+	4493	1232.37	0	0.399404	0.146971	2.71758	0.007764	0.034522	1
ENSG0000 response	Inflamed	TRBV29OR	IG_V_pseudogene chr9	33786526	33786826	+	301	5.22673	0.260143	0.516835	0.190183	2.717568	0.007764	0.034522	1

ENSG0000 response	Inflamed	RP11-111M	lincRNA	chr11	76152382	76155700	-	754	93.18616	0	0.292581	0.107695	2.716766	0.007782	0.034593	1
ENSG0000 response	Inflamed	FST	protein_cc	chr5	52776239	52782964	+	2969	158.2554	0.004773	-0.81878	0.301393	-2.71667	0.007784	0.034597	1
ENSG0000 response	Inflamed	AARS	protein_cc	chr16	70286198	70323446	-	4498	4630.764	0	-0.2885	0.10621	-2.71631	0.007792	0.034626	1
ENSG0000 response	Inflamed	RP11-466F	sense_intr	chr17	30839887	30846368	-	420	3.093079	0.293556	0.380619	0.140147	2.71585	0.007802	0.034663	1
ENSG0000 response	Inflamed	DMBX1	protein_cc	chr1	46972668	46979898	+	2896	1.539379	0.675418	-0.43776	0.16119	-2.71581	0.007803	0.034663	1
ENSG0000 response	Inflamed	CAMK2D	protein_cc	chr4	1.14E+08	1.15E+08	-	7363	2121.699	0	0.467979	0.172328	2.715635	0.007807	0.034674	1
ENSG0000 response	Inflamed	RP11-305F	lincRNA	chr20	61640735	61716423	+	3936	1.100239	0.739857	-0.3422	0.12602	-2.71544	0.007811	0.034687	1
ENSG0000 response	Inflamed	VPS37B	protein_cc	chr12	1.23E+08	1.23E+08	-	5946	5678.177	0	0.222784	0.082059	2.714909	0.007823	0.034733	1
ENSG0000 response	Inflamed	RP11-385F	lincRNA	chr6	47444979	47445308	-	330	19.00716	0.009547	0.390274	0.143765	2.714668	0.007828	0.034746	1
ENSG0000 response	Inflamed	AC002511	lincRNA	chr19	35914964	35915554	-	450	41.28878	0.009547	0.611428	0.225232	2.714658	0.007828	0.034746	1
ENSG0000 response	Inflamed	RP1-228H	sense_ove	chr1	40929991	40932436	+	2446	63.37947	0.01432	-0.54236	0.199802	-2.71449	0.007832	0.034756	1
ENSG0000 response	Inflamed	ADAMDEC	protein_cc	chr8	24241798	24263526	+	2438	10093.51	0	0.67348	0.248304	2.712319	0.00788	0.034963	1
ENSG0000 response	Inflamed	PRR22	protein_cc	chr19	5782971	5784776	-	1806	87.51551	0	0.337053	0.124284	2.711944	0.007888	0.034994	1
ENSG0000 response	Inflamed	RN7SKP11	misc_RNA	chr6	47683019	47683337	+	319	1.813842	0.579952	0.378785	0.139677	2.711854	0.00789	0.034997	1
ENSG0000 response	Inflamed	RP5-965F6	lincRNA	chr1	1.13E+08	1.13E+08	-	547	3.324582	0.312649	0.41786	0.154114	2.711368	0.007901	0.035039	1
ENSG0000 response	Inflamed	RP1-159A1	antisense	chr1	27852316	27857072	+	283	4.937947	0.157518	0.396905	0.14639	2.711277	0.007903	0.035042	1
ENSG0000 response	Inflamed	BVES	protein_cc	chr6	1.06E+08	1.06E+08	-	5808	118.9499	0.011933	-0.58714	0.216564	-2.71117	0.007905	0.035046	1
ENSG0000 response	Inflamed	GNG10	protein_cc	chr9	1.14E+08	1.14E+08	+	1491	95.36754	0	-0.36285	0.133851	-2.71086	0.007912	0.035069	1
ENSG0000 response	Inflamed	HS3ST1	protein_cc	chr4	11394774	11431389	-	8166	534.1313	0	-0.32666	0.120503	-2.71082	0.007913	0.035069	1
ENSG0000 response	Inflamed	RP11-443C	lincRNA	chr5	1.79E+08	1.79E+08	-	624	2.763723	0.441527	-0.4007	0.147821	-2.71072	0.007915	0.035073	1
ENSG0000 response	Inflamed	CR2	protein_cc	chr1	2.08E+08	2.08E+08	+	4885	1274.301	0.002387	-1.22702	0.452676	-2.71058	0.007918	0.03508	1
ENSG0000 response	Inflamed	IGFBPL1	protein_cc	chr9	38408991	38424444	-	1093	11.7852	0.042959	-0.4319	0.159366	-2.71011	0.007929	0.035121	1
ENSG0000 response	Inflamed	SERPIND1	protein_cc	chr22	21128167	21142008	+	2553	6.272076	0.374702	-0.67406	0.248742	-2.70987	0.007934	0.035138	1
ENSG0000 response	Inflamed	DEFB4B	protein_cc	chr8	7272382	7274385	-	332	5.224344	0.742243	-0.57747	0.213132	-2.70944	0.007944	0.035173	1
ENSG0000 response	Inflamed	NDE1	protein_cc	chr16	15737124	15820210	+	8035	1280.229	0	-0.27788	0.10256	-2.7094	0.007944	0.035173	1
ENSG0000 response	Inflamed	C1orf101	protein_cc	chr1	2.45E+08	2.45E+08	+	4328	11.55131	0.078759	-0.515	0.190088	-2.7093	0.007947	0.035177	1
ENSG0000 response	Inflamed	FAM124B	protein_cc	chr2	2.25E+08	2.25E+08	-	3541	38.74463	0.016706	-0.53185	0.196342	-2.70877	0.007958	0.035223	1
ENSG0000 response	Inflamed	DHX58	protein_cc	chr17	40253422	40264751	-	3843	613.1026	0	-0.2956	0.109142	-2.70837	0.007967	0.035256	1
ENSG0000 response	Inflamed	AP000350	lincRNA	chr22	24243619	24249255	-	5637	141.1026	0.24821	0.738465	0.272682	2.708152	0.007972	0.035268	1
ENSG0000 response	Inflamed	TERF2IP	protein_cc	chr16	75681684	75795770	+	3379	1741.255	0	-0.25185	0.092999	-2.70809	0.007974	0.035268	1
ENSG0000 response	Inflamed	KANK4	protein_cc	chr1	62702651	62785085	-	5980	70.80191	0.0358	0.847718	0.313033	2.70808	0.007974	0.035268	1
ENSG0000 response	Inflamed	KATNAL1	protein_cc	chr13	30776767	30881621	-	8105	167.253	0	-0.51518	0.190268	-2.70767	0.007983	0.035302	1
ENSG0000 response	Inflamed	TRAV6	TR_V_gene	chr14	22236729	22237320	+	404	5.885442	0.202864	-0.49211	0.181753	-2.70757	0.007985	0.035304	1
ENSG0000 response	Inflamed	PCDHAC2	protein_cc	chr5	1.4E+08	1.4E+08	+	5970	20.56563	0.088305	-0.69708	0.257458	-2.70754	0.007986	0.035304	1
ENSG0000 response	Inflamed	EID2B	protein_cc	chr19	40021630	40023494	-	1865	35.27446	0.00716	-0.40541	0.149754	-2.7072	0.007993	0.035331	1
ENSG0000 response	Inflamed	NCR3LG1	protein_cc	chr11	17373273	17398888	+	6438	720.0597	0.011933	0.636225	0.235029	2.707	0.007998	0.035345	1
ENSG0000 response	Inflamed	ADM5	protein_cc	chr19	50191921	50193832	+	1718	45.44391	0	-0.36843	0.13612	-2.70669	0.008005	0.03537	1
ENSG0000 response	Inflamed	ART1	protein_cc	chr11	3666358	3685646	+	1467	2.002387	0.75895	0.311914	0.115254	2.70633	0.008013	0.035399	1
ENSG0000 response	Inflamed	SPRR2A	protein_cc	chr1	1.53E+08	1.53E+08	-	709	15.94033	0.642005	-0.96983	0.358372	-2.70621	0.008016	0.035406	1
ENSG0000 response	Inflamed	RP11-276F	antisense	chr1	16485761	16488378	+	544	30.49403	0.02864	0.436251	0.161218	2.705961	0.008021	0.035424	1

ENSG0000 response	Inflamed	RP11-180M	lincRNA	chr3	21453714	21455436	-	1723	6.883055	0.243437	-0.59041	0.218219	-2.70558	0.00803	0.035454	1
ENSG0000 response	Inflamed	CHMP1A	protein_cc	chr16	89710839	89724253	-	3208	5899.389	0	0.188787	0.069778	2.705542	0.008031	0.035454	1
ENSG0000 response	Inflamed	THNSL1	protein_cc	chr10	25305587	25315593	+	3788	148.5298	0	0.403464	0.149144	2.705207	0.008038	0.035481	1
ENSG0000 response	Inflamed	RP11-484L	antisense	chr18	46352422	46361141	-	877	1.295943	0.663484	-0.29673	0.109738	-2.70395	0.008067	0.0356	1
ENSG0000 response	Inflamed	COPZ2	protein_cc	chr17	46103533	46115392	-	1847	148.2172	0	-0.37362	0.138195	-2.70354	0.008076	0.035635	1
ENSG0000 response	Inflamed	SNORA53	snoRNA	chr12	98993413	98993661	+	249	4.298329	0.212411	0.381413	0.14109	2.703328	0.008081	0.03565	1
ENSG0000 response	Inflamed	EFEMP1	protein_cc	chr2	56093102	56151274	-	4244	1154.346	0	-0.58304	0.215685	-2.70319	0.008084	0.035652	1
ENSG0000 response	Inflamed	CTD-3088C	protein_cc	chr16	11453702	11617444	-	12004	177.0525	0.004773	-0.70997	0.262646	-2.70316	0.008084	0.035652	1
ENSG0000 response	Inflamed	TMED9	protein_cc	chr5	1.77E+08	1.77E+08	+	2440	5756.668	0	-0.18969	0.070175	-2.70313	0.008085	0.035652	1
ENSG0000 response	Inflamed	FBLIM1	protein_cc	chr1	16083102	16113089	+	4716	8975.709	0	0.280434	0.103748	2.703028	0.008087	0.035656	1
ENSG0000 response	Inflamed	NSMF	protein_cc	chr9	1.4E+08	1.4E+08	-	4974	2980.091	0	0.279759	0.103508	2.70277	0.008093	0.035676	1
ENSG0000 response	Inflamed	NRG1	protein_cc	chr8	31496902	32622548	+	7657	794.2673	0	-0.60615	0.224296	-2.70243	0.008101	0.035701	1
ENSG0000 response	Inflamed	RP4-794H	lincRNA	chr1	59348540	59362375	-	1249	36.77088	0	0.311388	0.115227	2.702379	0.008102	0.035701	1
ENSG0000 response	Inflamed	RP11-57A1	lincRNA	chr16	28296206	28303385	-	2481	5.365155	0.200477	0.44611	0.165083	2.702337	0.008103	0.035701	1
ENSG0000 response	Inflamed	LMF2	protein_cc	chr22	50941376	50946135	-	3071	4134.024	0	-0.23497	0.086972	-2.70165	0.008119	0.035764	1
ENSG0000 response	Inflamed	RP11-30P6	lincRNA	chr6	86096937	86099904	-	2513	194.3126	0.00716	0.742518	0.274889	2.701156	0.00813	0.035794	1
ENSG0000 response	Inflamed	SLMO2	protein_cc	chr20	57608200	57617964	-	2977	2417.072	0	0.395109	0.146274	2.701149	0.00813	0.035794	1
ENSG0000 response	Inflamed	TNFSF18	protein_cc	chr1	1.73E+08	1.73E+08	-	2008	8.782816	0.145585	0.586507	0.217133	2.701137	0.00813	0.035794	1
ENSG0000 response	Inflamed	TYK2	protein_cc	chr19	10461209	10491352	-	6687	4822.138	0	-0.25139	0.093069	-2.70111	0.008131	0.035794	1
ENSG0000 response	Inflamed	INGX	pseudoger	chrX	70711529	70712778	-	1250	1.630072	0.572792	-0.34338	0.127132	-2.70094	0.008135	0.035804	1
ENSG0000 response	Inflamed	RP11-164H	antisense	chr14	96178084	96223993	+	3017	12.2864	0.470167	-0.75137	0.278219	-2.70065	0.008141	0.035827	1
ENSG0000 response	Inflamed	RP11-388C	sense_intr	chr17	80702944	80703585	+	642	19.07876	0.078759	0.557721	0.206534	2.700382	0.008147	0.035849	1
ENSG0000 response	Inflamed	AL627309	protein_cc	chr1	134901	139379	-	2661	396.5418	0.00716	-0.73243	0.271277	-2.69994	0.008158	0.035887	1
ENSG0000 response	Inflamed	CCNG1	protein_cc	chr5	1.63E+08	1.63E+08	+	3096	2103.988	0	0.328572	0.121705	2.699744	0.008162	0.035901	1
ENSG0000 response	Inflamed	SNORA40	lincRNA	chr12	1.09E+08	1.09E+08	-	2275	30.02625	0.009547	-0.32203	0.119295	-2.69946	0.008168	0.035923	1
ENSG0000 response	Inflamed	GLB1L3	protein_cc	chr11	1.34E+08	1.34E+08	+	8945	3.470167	0.458234	-0.44615	0.165288	-2.69923	0.008174	0.035941	1
ENSG0000 response	Inflamed	RP11-466F	lincRNA	chr5	75627662	75629781	+	2120	5.27685	0.27685	0.477755	0.177033	2.698678	0.008186	0.03599	1
ENSG0000 response	Inflamed	CISH	protein_cc	chr3	50643921	50649262	-	5112	1096.513	0	-0.25119	0.093096	-2.69822	0.008197	0.03603	1
ENSG0000 response	Inflamed	LINC0093C	lincRNA	chr15	93111048	93115272	-	1657	19.32458	0.097852	0.678638	0.251583	2.69747	0.008214	0.0361	1
ENSG0000 response	Inflamed	GIPC3	protein_cc	chr19	3585551	3593539	+	4335	270.6181	0	-0.55377	0.205338	-2.69686	0.008228	0.036155	1
ENSG0000 response	Inflamed	CTB-60B18	lincRNA	chr19	49521504	49522741	-	493	2.446301	0.477327	-0.40182	0.149033	-2.69617	0.008244	0.036219	1
ENSG0000 response	Inflamed	RP11-1246	lincRNA	chr7	1504133	1507158	-	3026	132.1193	0.009547	0.422047	0.156544	2.696026	0.008247	0.036227	1
ENSG0000 response	Inflamed	DRD4	protein_cc	chr11	637293	640706	+	1477	18.31742	0.00716	0.356352	0.132196	2.695632	0.008256	0.036255	1
ENSG0000 response	Inflamed	OR8R1P	pseudoger	chr11	72959824	72960912	+	764	1.821002	0.551313	-0.34222	0.126954	-2.69563	0.008256	0.036255	1
ENSG0000 response	Inflamed	MAMDC2	protein_cc	chr9	72658497	72841886	+	3854	289.8878	0.009547	0.841583	0.312221	2.695469	0.00826	0.036265	1
ENSG0000 response	Inflamed	GPR173	protein_cc	chrX	53078273	53109797	+	4608	126.5943	0.002387	-0.51833	0.192322	-2.6951	0.008269	0.036296	1
ENSG0000 response	Inflamed	RP11-575H	lincRNA	chr9	27829274	27844479	+	2084	1.854415	0.620525	0.289377	0.107383	2.694818	0.008275	0.036319	1
ENSG0000 response	Inflamed	GPR52	protein_cc	chr1	1.74E+08	1.74E+08	+	1472	0.933174	0.747017	-0.28854	0.107077	-2.69469	0.008278	0.036326	1
ENSG0000 response	Inflamed	GLOD4	protein_cc	chr17	660337	685581	-	4951	1727.019	0	0.268309	0.099583	2.694334	0.008286	0.036356	1
ENSG0000 response	Inflamed	DNMT1	protein_cc	chr19	10244021	10341962	-	9805	3504.704	0	-0.32292	0.119886	-2.69358	0.008304	0.036427	1

ENSG0000 response	Inflamed	ARHGAP31	protein_cc chr3	1.19E+08	1.19E+08	+	9384	2291.857	0	-0.37632	0.139717	-2.69343	0.008307	0.036436	1
ENSG0000 response	Inflamed	FRMD3	protein_cc chr9	85857905	86153461	-	6361	701.3294	0	0.561401	0.208465	2.69303	0.008317	0.036471	1
ENSG0000 response	Inflamed	SLC6A4	protein_cc chr17	28521337	28563020	-	6983	99.31026	0.279236	0.816904	0.30345	2.692057	0.008339	0.036558	1
ENSG0000 response	Inflamed	RP5-1172f	lincRNA chr22	27617310	27620688	-	975	2.727924	0.429594	-0.4216	0.15661	-2.69205	0.008339	0.036558	1
ENSG0000 response	Inflamed	TMEM200	protein_cc chr6	1.31E+08	1.31E+08	+	6131	921.2792	0	0.57937	0.215292	2.691097	0.008361	0.036649	1
ENSG0000 response	Inflamed	ZC2HC1C	protein_cc chr14	75530873	75545126	+	3248	91.04535	0	0.338391	0.125773	2.690479	0.008376	0.036707	1
ENSG0000 response	Inflamed	TRBV7-6	TR_V_gene chr7	1.42E+08	1.42E+08	-	392	7.403341	0.169451	-0.45116	0.1677	-2.6903	0.00838	0.036719	1
ENSG0000 response	Inflamed	RP11-734k	lincRNA chr2	9246722	9249994	+	3273	9.470167	0.236277	0.67167	0.249678	2.690144	0.008384	0.036729	1
ENSG0000 response	Inflamed	EIF4A1P7	pseudoger chr13	29172970	29174189	+	1220	2.381862	0.384248	-0.29906	0.11118	-2.68987	0.00839	0.036751	1
ENSG0000 response	Inflamed	NEK3	protein_cc chr13	52706775	52733996	-	4272	731.6874	0	0.461091	0.171434	2.689613	0.008396	0.036771	1
ENSG0000 response	Inflamed	MIR559	miRNA chr2	47604814	47604909	+	96	13.86396	0.136038	0.607224	0.225779	2.689462	0.0084	0.036776	1
ENSG0000 response	Inflamed	SERPINA3	protein_cc chr14	95078714	95090392	+	4504	19.2315	0.315036	-0.93807	0.348797	-2.68944	0.0084	0.036776	1
ENSG0000 response	Inflamed	FPR3	protein_cc chr19	52298416	52329442	+	2772	1111.809	0	-0.4293	0.159635	-2.68926	0.008404	0.036786	1
ENSG0000 response	Inflamed	RP11-351f	lincRNA chr10	43632272	43633782	-	1511	13.08831	0.0358	-0.46891	0.174367	-2.68923	0.008405	0.036786	1
ENSG0000 response	Inflamed	RP11-134f	lincRNA chr12	14369524	14374231	+	640	2.651551	0.443914	-0.4337	0.161284	-2.68905	0.008409	0.036798	1
ENSG0000 response	Inflamed	IL5	protein_cc chr5	1.32E+08	1.32E+08	-	1587	2.453461	0.651551	-0.51543	0.191694	-2.68881	0.008415	0.036816	1
ENSG0000 response	Inflamed	MRPS35	protein_cc chr12	27863706	27909228	+	1979	1868.253	0	0.297251	0.110553	2.688757	0.008416	0.036816	1
ENSG0000 response	Inflamed	DISC1	protein_cc chr1	2.32E+08	2.32E+08	+	12137	217.3317	0.004773	-0.45891	0.170681	-2.68869	0.008418	0.036817	1
ENSG0000 response	Inflamed	LCAT	protein_cc chr16	67973653	67978034	-	2625	211.4057	0	-0.44993	0.167353	-2.68852	0.008422	0.036828	1
ENSG0000 response	Inflamed	TMPRSS13	protein_cc chr11	1.18E+08	1.18E+08	-	5367	76.59189	0	-0.37433	0.139272	-2.68775	0.00844	0.036901	1
ENSG0000 response	Inflamed	OR5G5P	pseudoger chr11	56569332	56587184	-	1081	3.147971	0.534606	0.425269	0.158234	2.687602	0.008443	0.03691	1
ENSG0000 response	Inflamed	HSPA1B	protein_cc chr6	31795512	31798031	+	2520	2743.89	0	0.338332	0.125912	2.687057	0.008456	0.036957	1
ENSG0000 response	Inflamed	SEPHS2	protein_cc chr16	30454952	30457502	-	2551	4207.959	0	0.28106	0.104599	2.687022	0.008457	0.036957	1
ENSG0000 response	Inflamed	GAB3	protein_cc chrX	1.54E+08	1.54E+08	-	5269	365.5871	0	-0.47306	0.176069	-2.68678	0.008463	0.036973	1
ENSG0000 response	Inflamed	CYP1B1	protein_cc chr2	38294116	38337044	-	6011	108.6253	0.016706	-0.65919	0.245349	-2.68675	0.008463	0.036973	1
ENSG0000 response	Inflamed	RILP	protein_cc chr17	1549444	1553371	-	2098	1139.146	0	0.250111	0.093096	2.686606	0.008467	0.036982	1
ENSG0000 response	Inflamed	CHMP3	protein_cc chr2	86730554	86948245	-	7393	2758.845	0	0.34841	0.129693	2.686418	0.008471	0.036988	1
ENSG0000 response	Inflamed	C9orf169	protein_cc chr9	1.4E+08	1.4E+08	+	1297	10.49403	0.019093	-0.41719	0.155299	-2.68639	0.008472	0.036988	1
ENSG0000 response	Inflamed	ITGB7	protein_cc chr12	53585102	53601091	-	4481	1965.119	0	-0.36911	0.137402	-2.68637	0.008472	0.036988	1
ENSG0000 response	Inflamed	LINC00507	lincRNA chr12	1.28E+08	1.28E+08	+	2167	4.840095	0.52506	0.471577	0.175555	2.686203	0.008476	0.036999	1
ENSG0000 response	Inflamed	CD226	protein_cc chr18	67498394	67629039	-	3957	67.04057	0.01432	-0.65187	0.242696	-2.68594	0.008483	0.03702	1
ENSG0000 response	Inflamed	CTSF	protein_cc chr11	66330934	66336312	-	2896	747.7327	0	-0.41628	0.155019	-2.68536	0.008496	0.037073	1
ENSG0000 response	Inflamed	OSBPL3	protein_cc chr7	24836158	25021253	-	8100	1246.477	0	-0.49783	0.185406	-2.6851	0.008502	0.037094	1
ENSG0000 response	Inflamed	GRAPL	protein_cc chr17	19030782	19062489	+	2028	2.052506	0.553699	-0.37199	0.13855	-2.68487	0.008508	0.037104	1
ENSG0000 response	Inflamed	OSBPL7	protein_cc chr17	45884738	45899200	-	6572	2364.587	0	0.372268	0.138654	2.68486	0.008508	0.037104	1
ENSG0000 response	Inflamed	KCNN1	protein_cc chr19	18062102	18110889	+	3972	12.74463	0.045346	-0.42351	0.157743	-2.68482	0.008509	0.037104	1
ENSG0000 response	Inflamed	BX255923	lincRNA chr9	69174213	69179458	-	2874	4.937947	0.479714	-0.57934	0.215799	-2.68465	0.008513	0.037111	1
ENSG0000 response	Inflamed	CACNA1F	protein_cc chrX	49061523	49089833	-	6928	42.36516	0.002387	0.518985	0.193316	2.684643	0.008513	0.037111	1
ENSG0000 response	Inflamed	MYO7A	protein_cc chr11	76839310	76926284	+	10136	480.8329	0	-0.32571	0.12133	-2.68448	0.008517	0.037121	1
ENSG0000 response	Inflamed	MS4A10	protein_cc chr11	60552821	60568778	+	2296	102.9403	0.389021	0.873669	0.325534	2.683805	0.008533	0.037185	1

ENSG0000 response	Inflamed	SLC26A11	protein_cc chr17	78193498	78227299	+	4903	531.7709	0	-0.33168	0.123592	-2.68363	0.008537	0.037192	1
ENSG0000 response	Inflamed	AMOTL1	protein_cc chr11	94439597	94609918	+	10035	1333.208	0	-0.5435	0.202526	-2.68362	0.008538	0.037192	1
ENSG0000 response	Inflamed	C2orf81	protein_cc chr2	74641304	74648718	-	2994	119.2267	0	-0.26471	0.09866	-2.68307	0.008551	0.037243	1
ENSG0000 response	Inflamed	ABCA13	protein_cc chr7	48211055	48687092	+	18580	79.58711	0.016706	-0.72886	0.271667	-2.68291	0.008554	0.037253	1
ENSG0000 response	Inflamed	RBMS1P1	pseudoger chr12	66627859	66629014	-	1156	2.27685	0.455847	-0.35862	0.133683	-2.6826	0.008562	0.037279	1
ENSG0000 response	Inflamed	CXCR6	protein_cc chr3	45982425	45989845	+	3769	257.6396	0	-0.44875	0.167297	-2.68238	0.008567	0.037295	1
ENSG0000 response	Inflamed	DIMT1	protein_cc chr5	61683081	61699766	-	3736	385.0764	0	-0.28709	0.107038	-2.68216	0.008572	0.037312	1
ENSG0000 response	Inflamed	ZFP36L2	protein_cc chr2	43449541	43453748	-	3696	14018.37	0	0.352098	0.131281	2.682008	0.008576	0.037322	1
ENSG0000 response	Inflamed	ABO	processed_chr9	1.36E+08	1.36E+08	-	6341	1057.303	0.002387	0.737451	0.274982	2.681817	0.00858	0.037332	1
ENSG0000 response	Inflamed	HCN4	protein_cc chr15	73612200	73661605	-	7228	10.05251	0.109785	0.62122	0.231643	2.681796	0.008581	0.037332	1
ENSG0000 response	Inflamed	RP11-316M	lincRNA chr17	75718954	75724641	-	2281	0.825776	0.797136	-0.26346	0.098252	-2.68147	0.008589	0.037359	1
ENSG0000 response	Inflamed	TTC22	protein_cc chr1	55245385	55266940	-	6055	4109.263	0	0.516438	0.192601	2.681393	0.008591	0.037361	1
ENSG0000 response	Inflamed	VCAM1	protein_cc chr1	1.01E+08	1.01E+08	+	6049	1401.26	0	-0.73371	0.273674	-2.68095	0.008601	0.037401	1
ENSG0000 response	Inflamed	FBLN5	protein_cc chr14	92335756	92414331	-	4973	1233.675	0	-0.53141	0.198263	-2.68034	0.008616	0.037458	1
ENSG0000 response	Inflamed	VWCE	protein_cc chr11	61025762	61062896	-	4869	21.24582	0.033413	-0.52652	0.196465	-2.67994	0.008625	0.037493	1
ENSG0000 response	Inflamed	AL020996	protein_cc chr1	26145212	26147288	-	2077	22.30788	0.016706	0.341684	0.127506	2.679749	0.00863	0.037507	1
ENSG0000 response	Inflamed	LFNG	protein_cc chr7	2552163	2568811	+	3372	2519.126	0	0.285663	0.106612	2.679459	0.008637	0.037532	1
ENSG0000 response	Inflamed	ZBTB17	protein_cc chr1	16268364	16302627	-	4240	1057.337	0	-0.21918	0.081801	-2.67939	0.008639	0.037533	1
ENSG0000 response	Inflamed	SLC35F6	protein_cc chr2	26987152	27004099	+	3902	2279.37	0	-0.21534	0.080375	-2.67916	0.008644	0.037551	1
ENSG0000 response	Inflamed	SNCB	protein_cc chr5	1.76E+08	1.76E+08	-	1979	1.522673	0.634845	-0.37456	0.139826	-2.67874	0.008654	0.037588	1
ENSG0000 response	Inflamed	DDX39A	protein_cc chr19	14519631	14530192	-	3837	2061.847	0	-0.18463	0.068926	-2.67865	0.008656	0.037591	1
ENSG0000 response	Inflamed	PPM1K	protein_cc chr4	89178772	89205921	-	11371	681.1122	0	-0.55899	0.208708	-2.67832	0.008664	0.03762	1
ENSG0000 response	Inflamed	RP3-325F2	antisense chr6	1.37E+08	1.37E+08	+	505	1.054893	0.756563	-0.35074	0.130972	-2.67797	0.008673	0.037649	1
ENSG0000 response	Inflamed	FAM171A2	protein_cc chr17	42430583	42441243	-	3592	40.37709	0.011933	-0.55385	0.206822	-2.67792	0.008674	0.037649	1
ENSG0000 response	Inflamed	FUT3	protein_cc chr19	5842899	5851485	-	3109	8751.045	0	0.555658	0.207515	2.677673	0.00868	0.037669	1
ENSG0000 response	Inflamed	RP4-758J2	lincRNA chr1	54492356	54494172	-	1817	107.6754	0	0.473566	0.176869	2.677486	0.008684	0.037682	1
ENSG0000 response	Inflamed	TNFSF12	protein_cc chr17	7452208	7464925	+	3149	607.9332	0	-0.34237	0.127882	-2.67725	0.00869	0.037701	1
ENSG0000 response	Inflamed	RP11-764k	lincRNA chr9	68397878	68409893	-	2878	2.305489	0.494033	-0.40122	0.149867	-2.67717	0.008692	0.037702	1
ENSG0000 response	Inflamed	NXPE2P1	pseudoger chr11	1.14E+08	1.14E+08	-	726	1.00716	0.78043	0.314399	0.117443	2.677034	0.008695	0.037711	1
ENSG0000 response	Inflamed	PLD6	protein_cc chr17	17104309	17109629	-	2560	93.68019	0.002387	-0.29679	0.110877	-2.67675	0.008702	0.037734	1
ENSG0000 response	Inflamed	CALR	protein_cc chr19	13049392	13055303	+	2714	35812.37	0	-0.22445	0.083863	-2.67638	0.008711	0.037767	1
ENSG0000 response	Inflamed	RP13-46H2	antisense chr11	528907	529659	+	547	3.849642	0.236277	-0.35019	0.130848	-2.67628	0.008714	0.037771	1
ENSG0000 response	Inflamed	LGALS9C	protein_cc chr17	18380051	18398259	+	4754	858.7422	0	0.71503	0.267234	2.675673	0.008728	0.037829	1
ENSG0000 response	Inflamed	CTD-2171f	lincRNA chr18	52773135	52791537	-	3170	2.171838	0.579952	-0.45565	0.170299	-2.67561	0.00873	0.037829	1
ENSG0000 response	Inflamed	KALRN	protein_cc chr3	1.24E+08	1.24E+08	+	24490	2077.864	0	0.359765	0.134476	2.6753	0.008737	0.037855	1
ENSG0000 response	Inflamed	NFIL3	protein_cc chr9	94171327	94186144	-	2085	866.5847	0	-0.39002	0.145791	-2.67518	0.00874	0.037862	1
ENSG0000 response	Inflamed	GGCX	protein_cc chr2	85771846	85788670	-	9098	1670.959	0	-0.18237	0.068177	-2.67493	0.008746	0.037878	1
ENSG0000 response	Inflamed	LITAF	protein_cc chr16	11641853	11730237	-	4784	13958.77	0	-0.28752	0.107486	-2.6749	0.008747	0.037878	1
ENSG0000 response	Inflamed	PSMA8	protein_cc chr18	23713816	23773319	+	1894	4.078759	0.372315	-0.49156	0.183816	-2.67421	0.008764	0.03794	1
ENSG0000 response	Inflamed	ADAMTS6	protein_cc chr5	64444563	64777747	-	8567	64.40811	0.031026	-0.73871	0.276235	-2.6742	0.008764	0.03794	1

ENSG0000 response	Inflamed	GMNN	protein_cc chr6	24775159	24786327	+	2476	612.3484	0	0.350143	0.130997	2.672919	0.008795	0.038069	1
ENSG0000 response	Inflamed	TMEM45B	protein_cc chr11	1.3E+08	1.3E+08	+	3027	7638.931	0	0.539784	0.201971	2.672584	0.008804	0.038098	1
ENSG0000 response	Inflamed	GPR162	protein_cc chr12	6930711	6939136	+	3295	195.8592	0	-0.36234	0.135584	-2.67245	0.008807	0.038103	1
ENSG0000 response	Inflamed	KIAA1671	protein_cc chr22	25348697	25593415	+	15818	7406.427	0	0.471177	0.176311	2.672421	0.008808	0.038103	1
ENSG0000 response	Inflamed	HPCAL1	protein_cc chr2	10443015	10567743	+	5675	3319.831	0	0.214561	0.080294	2.672179	0.008813	0.038122	1
ENSG0000 response	Inflamed	RPL5P9	pseudoger chr2	1.12E+08	1.12E+08	+	886	0.887828	0.792363	0.253789	0.094977	2.672093	0.008816	0.038125	1
ENSG0000 response	Inflamed	TMEM185	protein_cc chr2	1.21E+08	1.21E+08	-	2131	744.42	0	-0.24012	0.089868	-2.67195	0.008819	0.038134	1
ENSG0000 response	Inflamed	KIF16B	protein_cc chr20	16252749	16554078	-	6278	1781.702	0	0.489521	0.183224	2.67171	0.008825	0.038153	1
ENSG0000 response	Inflamed	HHLA2	protein_cc chr3	1.08E+08	1.08E+08	+	3588	4388.332	0	0.78913	0.295459	2.670857	0.008846	0.038237	1
ENSG0000 response	Inflamed	FANK1	protein_cc chr10	1.28E+08	1.28E+08	+	4178	101.4749	0	0.404621	0.151502	2.670725	0.008849	0.038245	1
ENSG0000 response	Inflamed	RP11-222k	lincRNA chr3	27754401	27755496	+	1096	9.47494	0.090692	-0.49133	0.183996	-2.67035	0.008858	0.038278	1
ENSG0000 response	Inflamed	LOH12CR1	protein_cc chr12	12510013	12619840	+	2192	242.599	0	-0.12837	0.048075	-2.67024	0.008861	0.038284	1
ENSG0000 response	Inflamed	SH3GL2	protein_cc chr9	17579080	17797127	+	2869	10.29833	0.178998	0.498941	0.186875	2.669925	0.008869	0.038311	1
ENSG0000 response	Inflamed	CTBP2	protein_cc chr10	1.27E+08	1.27E+08	-	7411	3834.589	0	0.258782	0.096927	2.669855	0.00887	0.038312	1
ENSG0000 response	Inflamed	KIAA2013	protein_cc chr1	11979648	11986485	-	3281	5258.489	0	0.194058	0.072703	2.669195	0.008887	0.038375	1
ENSG0000 response	Inflamed	RPL5P4	pseudoger chr1	35816323	35817208	+	886	6.138425	0.088305	0.401856	0.150556	2.669146	0.008888	0.038375	1
ENSG0000 response	Inflamed	INA	protein_cc chr10	1.05E+08	1.05E+08	+	3231	16.68735	0.059666	-0.62876	0.235588	-2.66891	0.008894	0.038394	1
ENSG0000 response	Inflamed	TCEAL7	protein_cc chrX	1.03E+08	1.03E+08	+	1177	47.07876	0	-0.46398	0.173856	-2.66878	0.008897	0.038401	1
ENSG0000 response	Inflamed	RBP7	protein_cc chr1	10057264	10076078	+	861	50.90692	0	-0.38749	0.145209	-2.6685	0.008904	0.038425	1
ENSG0000 response	Inflamed	NUAK2	protein_cc chr1	2.05E+08	2.05E+08	-	3405	1849.155	0	0.349554	0.130996	2.668438	0.008905	0.038425	1
ENSG0000 response	Inflamed	RP11-160C	lincRNA chr17	63096930	63107176	+	664	83.58234	0	0.395763	0.148329	2.668141	0.008913	0.03845	1
ENSG0000 response	Inflamed	SLC26A4-A	antisense chr7	1.07E+08	1.07E+08	-	4638	12.23628	0.324582	-0.75164	0.281716	-2.66808	0.008914	0.038451	1
ENSG0000 response	Inflamed	RP11-244F	antisense chr15	63338233	63341586	-	3354	318.5251	0.004773	0.685601	0.256973	2.667991	0.008916	0.038454	1
ENSG0000 response	Inflamed	HMGA2	protein_cc chr12	66217911	66360075	+	14808	169.9642	0.002387	0.539986	0.202466	2.667043	0.00894	0.038548	1
ENSG0000 response	Inflamed	FBXW7	protein_cc chr4	1.53E+08	1.53E+08	-	10288	1071.659	0	-0.46387	0.173931	-2.66696	0.008942	0.038551	1
ENSG0000 response	Inflamed	MAG	protein_cc chr19	35783028	35804707	+	2957	6.121718	0.491647	-0.44251	0.165957	-2.66641	0.008956	0.038603	1
ENSG0000 response	Inflamed	LINC00243	processed_chr6	30766431	30798436	-	2171	8.959427	0.150358	-0.51596	0.193553	-2.66572	0.008973	0.038671	1
ENSG0000 response	Inflamed	HNRNPA1f	pseudoger chr9	91025444	91026378	-	935	1.448687	0.606205	-0.27711	0.103957	-2.66564	0.008975	0.038673	1
ENSG0000 response	Inflamed	INF2	protein_cc chr14	1.05E+08	1.05E+08	+	6497	11598.51	0	0.29537	0.110815	2.665419	0.00898	0.038691	1
ENSG0000 response	Inflamed	MIR3145	miRNA chr6	1.39E+08	1.39E+08	-	82	1.391408	0.649165	0.29348	0.110172	2.663841	0.00902	0.038854	1
ENSG0000 response	Inflamed	C11orf49	protein_cc chr11	46958240	47185936	+	5671	993.3126	0	0.205956	0.07732	2.663676	0.009024	0.038863	1
ENSG0000 response	Inflamed	RP11-498F	lincRNA chr9	99962757	1E+08	-	806	3.477327	0.334129	-0.38883	0.145975	-2.66364	0.009025	0.038863	1
ENSG0000 response	Inflamed	IGLV8-61	IG_V_gene chr22	22453110	22453622	+	414	2969.332	0	-0.87059	0.326856	-2.66353	0.009027	0.038868	1
ENSG0000 response	Inflamed	CTB-118Nf	lincRNA chr5	1.16E+08	1.16E+08	+	482	5.663484	0.152745	0.394916	0.148281	2.663291	0.009033	0.038888	1
ENSG0000 response	Inflamed	NR1H3	protein_cc chr11	47269851	47290396	+	4346	1380.709	0	-0.2414	0.090642	-2.66319	0.009036	0.038892	1
ENSG0000 response	Inflamed	MFSD9	protein_cc chr2	1.03E+08	1.03E+08	-	4367	1212.535	0	0.29409	0.110434	2.66304	0.00904	0.038902	1
ENSG0000 response	Inflamed	DNAJC18	protein_cc chr5	1.39E+08	1.39E+08	-	6497	198.5967	0	-0.4014	0.150749	-2.66273	0.009047	0.038925	1
ENSG0000 response	Inflamed	C1QTNF1-1	protein_cc chr17	77015291	77023737	-	966	7.563246	0.307876	0.557023	0.209195	2.662703	0.009048	0.038925	1
ENSG0000 response	Inflamed	CCDC74A	protein_cc chr2	1.32E+08	1.32E+08	+	4261	110.358	0	-0.35826	0.13457	-2.66227	0.009059	0.038966	1
ENSG0000 response	Inflamed	C20orf144	protein_cc chr20	32250090	32253425	+	2442	3.976134	0.205251	-0.36382	0.136663	-2.6622	0.009061	0.038967	1

ENSG0000 response	Inflamed	MYRIP	protein_cc chr3	39850405	40301812	+	5872	362.9403	0	0.434766	0.163416	2.660485	0.009104	0.039146	1
ENSG0000 response	Inflamed	BRCA2	protein_cc chr13	32889611	32973805	+	11269	124.9642	0.00716	-0.58288	0.219137	-2.65989	0.009119	0.039204	1
ENSG0000 response	Inflamed	FAIM2	protein_cc chr12	50260679	50298000	-	6057	305.8807	0.004773	-0.60843	0.228748	-2.65982	0.009121	0.039205	1
ENSG0000 response	Inflamed	RP3-469D1	pseudoger chr1	25725203	25725771	+	569	7.281623	0.069212	0.329695	0.123974	2.65939	0.009131	0.039239	1
ENSG0000 response	Inflamed	KLHL30	protein_cc chr2	2.39E+08	2.39E+08	+	3726	26.44153	0.016706	-0.50194	0.188742	-2.65939	0.009131	0.039239	1
ENSG0000 response	Inflamed	GBP1	protein_cc chr1	89518002	89531043	-	4992	2298.22	0	-0.65042	0.244633	-2.65874	0.009148	0.0393	1
ENSG0000 response	Inflamed	TRBV4-1	TR_V_gene chr7	1.42E+08	1.42E+08	+	373	14.34845	0.105012	-0.53198	0.200095	-2.65866	0.00915	0.0393	1
ENSG0000 response	Inflamed	SPCS3	protein_cc chr4	1.77E+08	1.77E+08	+	6831	3680.32	0	-0.42249	0.15891	-2.65865	0.00915	0.0393	1
ENSG0000 response	Inflamed	IGLV3-6	IG_V_pseud chr22	23192550	23192799	+	250	6.042959	0.274463	-0.60406	0.22722	-2.6585	0.009154	0.03931	1
ENSG0000 response	Inflamed	NFS1	protein_cc chr20	34255977	34287281	-	6024	705.1384	0	0.178434	0.067132	2.657941	0.009168	0.039361	1
ENSG0000 response	Inflamed	Z95704.5	pseudoger chr4	123966	125423	-	1452	3.494033	0.298329	0.371665	0.139835	2.657884	0.00917	0.039361	1
ENSG0000 response	Inflamed	RP11-1166	pseudoger chr16	31987124	32015049	+	2227	8.472554	0.133652	-0.49679	0.186914	-2.65786	0.00917	0.039361	1
ENSG0000 response	Inflamed	SERPINC1	protein_cc chr1	1.74E+08	1.74E+08	-	1763	3.634845	0.264916	-0.34452	0.12963	-2.65769	0.009174	0.039373	1
ENSG0000 response	Inflamed	ALDH3B2	protein_cc chr11	67429633	67448671	-	3235	28.04296	0.033413	-0.69026	0.259777	-2.65712	0.009189	0.039428	1
ENSG0000 response	Inflamed	KB-1836B5	sense_ov chr8	37920399	37921309	+	911	5.840095	0.126492	0.375591	0.141359	2.656998	0.009192	0.039435	1
ENSG0000 response	Inflamed	FMN1	protein_cc chr15	33057747	33486897	-	20046	1263.453	0	0.468483	0.176339	2.656715	0.009199	0.03946	1
ENSG0000 response	Inflamed	TM9SF1	protein_cc chr14	24658349	24682679	-	4180	319.8902	0	-0.20001	0.075288	-2.65664	0.009201	0.039462	1
ENSG0000 response	Inflamed	FAM157C	processed_ch chr16	90168679	90244752	+	4524	104.4558	0.054893	-0.82107	0.309101	-2.65631	0.00921	0.039491	1
ENSG0000 response	Inflamed	MEP1B	protein_cc chr18	29765032	29800367	+	2583	346.1814	0.026253	1.107715	0.417029	2.656206	0.009212	0.039496	1
ENSG0000 response	Inflamed	AHR	protein_cc chr7	17338246	17385776	+	6661	3072.091	0	-0.46244	0.174118	-2.65591	0.00922	0.039522	1
ENSG0000 response	Inflamed	EPHA4	protein_cc chr2	2.22E+08	2.22E+08	-	7554	451.9523	0.002387	0.4958	0.186684	2.655825	0.009222	0.039524	1
ENSG0000 response	Inflamed	CLDN10	protein_cc chr13	96085858	96232013	+	3380	3.174224	0.563246	-0.547	0.205972	-2.65571	0.009225	0.039531	1
ENSG0000 response	Inflamed	ESD	protein_cc chr13	47345391	47371367	-	3401	1794.444	0	0.259319	0.097656	2.655427	0.009232	0.039555	1
ENSG0000 response	Inflamed	MAD2L1B1	protein_cc chr6	43597277	43608689	+	1880	894.5919	0	0.197743	0.074469	2.655357	0.009234	0.039556	1
ENSG0000 response	Inflamed	TNFRSF121	protein_cc chr16	3068446	3072384	+	1848	781.0406	0	-0.59722	0.224922	-2.65522	0.009237	0.039564	1
ENSG0000 response	Inflamed	CCL14	protein_cc chr17	34310327	34329100	-	4226	169.9021	0	0.350492	0.132012	2.654995	0.009243	0.039583	1
ENSG0000 response	Inflamed	SPARCL1	protein_cc chr4	88394487	88452213	-	3477	3073.322	0	-0.656	0.247123	-2.65455	0.009254	0.039625	1
ENSG0000 response	Inflamed	LINC00968	lincRNA chr8	57408805	57472382	-	2840	2.692124	0.522673	-0.4987	0.187881	-2.65434	0.00926	0.039641	1
ENSG0000 response	Inflamed	RD3	protein_cc chr1	2.12E+08	2.12E+08	-	4266	6.494033	0.188544	-0.47989	0.180833	-2.65375	0.009275	0.0397	1
ENSG0000 response	Inflamed	TMEM74	protein_cc chr8	1.1E+08	1.1E+08	-	2877	5.229117	0.183771	-0.48466	0.182644	-2.65357	0.00928	0.039713	1
ENSG0000 response	Inflamed	FUK	protein_cc chr16	70488324	70514177	+	7405	1834.473	0	0.26014	0.098039	2.653429	0.009283	0.039722	1
ENSG0000 response	Inflamed	WWTR1	protein_cc chr3	1.49E+08	1.49E+08	-	8413	1065.516	0	-0.4546	0.171378	-2.65264	0.009303	0.039802	1
ENSG0000 response	Inflamed	RP4-657E1	pseudoger chr1	19623574	19624397	+	525	10.50119	0.162291	0.53326	0.201039	2.652516	0.009307	0.03981	1
ENSG0000 response	Inflamed	RP11-336A	lincRNA chr10	5658825	5660124	-	657	0.97136	0.782816	0.280614	0.105803	2.652242	0.009314	0.039829	1
ENSG0000 response	Inflamed	EOGT	protein_cc chr3	69024365	69063112	-	5647	494.21	0	-0.46028	0.173543	-2.65222	0.009314	0.039829	1
ENSG0000 response	Inflamed	RP11-61L2	pseudoger chr7	1.43E+08	1.44E+08	-	5892	29.12172	0.009547	-0.36486	0.137573	-2.65215	0.009316	0.039831	1
ENSG0000 response	Inflamed	SPDYA	protein_cc chr2	29005383	29073477	+	3483	10.61337	0.100239	0.530163	0.199926	2.651802	0.009325	0.039862	1
ENSG0000 response	Inflamed	RP11-64C1	pseudoger chr18	12201981	12223538	+	2209	3.159905	0.443914	0.37533	0.141561	2.651377	0.009336	0.039902	1
ENSG0000 response	Inflamed	PCDH1	protein_cc chr5	1.41E+08	1.41E+08	-	5641	8592.284	0	0.36751	0.138643	2.650759	0.009352	0.039964	1
ENSG0000 response	Inflamed	RAB11FIP4	protein_cc chr17	29718642	29865236	+	15384	3499.936	0	0.266718	0.100627	2.650562	0.009357	0.039979	1

ENSG0000 response	Inflamed	GATSL3	protein_cc chr22	30681106	30685616	-	2746	41.71838	0	-0.30629	0.115568	-2.65031	0.009363	0.040001	1
ENSG0000 response	Inflamed	GYPE	protein_cc chr4	1.45E+08	1.45E+08	-	2004	14.93556	0.040573	-0.46123	0.174046	-2.65006	0.00937	0.040022	1
ENSG0000 response	Inflamed	ACOT7	protein_cc chr1	6324329	6454451	-	4892	2227.251	0	0.194025	0.073222	2.64981	0.009376	0.040043	1
ENSG0000 response	Inflamed	RP11-176M	lincRNA chr18	75133575	75272719	+	562	1.128878	0.720764	0.308951	0.116613	2.649383	0.009387	0.040083	1
ENSG0000 response	Inflamed	HSPG2	protein_cc chr1	22148738	22263790	-	17694	16031.08	0	-0.48565	0.183312	-2.64933	0.009389	0.040083	1
ENSG0000 response	Inflamed	DUSP26	protein_cc chr8	33448856	33457624	-	2046	35.01671	0.004773	-0.4455	0.168171	-2.64906	0.009396	0.040106	1
ENSG0000 response	Inflamed	RP3-412A5	antisense chr22	31478142	31479551	-	1410	14.88067	0.019093	-0.32063	0.121048	-2.6488	0.009403	0.040129	1
ENSG0000 response	Inflamed	SNX12	protein_cc chrX	70279094	70288273	-	2378	2111.647	0	0.188134	0.071029	2.648689	0.009405	0.040131	1
ENSG0000 response	Inflamed	SLC27A2	protein_cc chr15	50474393	50528592	+	2802	1388.85	0	0.436956	0.164972	2.648663	0.009406	0.040131	1
ENSG0000 response	Inflamed	KCNMA1	protein_cc chr10	78629359	79398353	-	18808	1517.184	0	0.399669	0.150913	2.648345	0.009414	0.040159	1
ENSG0000 response	Inflamed	TRIM71	protein_cc chr3	32859510	32939318	+	8685	1.625298	0.603819	-0.36567	0.13808	-2.64825	0.009417	0.040164	1
ENSG0000 response	Inflamed	TMPRSS2	protein_cc chr21	42836478	42903043	-	6117	21679.53	0	0.620565	0.234388	2.647595	0.009434	0.040225	1
ENSG0000 response	Inflamed	CNTLN	protein_cc chr9	17134980	17503921	+	11167	107.9928	0	-0.43951	0.166005	-2.64758	0.009434	0.040225	1
ENSG0000 response	Inflamed	TRIM36	protein_cc chr5	1.14E+08	1.15E+08	-	6113	642.2936	0	0.624271	0.235801	2.647454	0.009437	0.040227	1
ENSG0000 response	Inflamed	RP11-11N5	lincRNA chr8	32853696	32902373	+	765	10.08592	0.031026	-0.42631	0.161026	-2.64744	0.009438	0.040227	1
ENSG0000 response	Inflamed	ADAMTSL2	protein_cc chr9	1.36E+08	1.36E+08	+	4677	170.3842	0	-0.55753	0.210608	-2.64726	0.009443	0.040241	1
ENSG0000 response	Inflamed	PLIN5	protein_cc chr19	4522543	4535236	-	4815	60.39379	0	-0.55196	0.208534	-2.64684	0.009454	0.040281	1
ENSG0000 response	Inflamed	HLA-C	protein_cc chr6	31236526	31239907	-	2507	62651.59	0	-0.23928	0.090424	-2.64617	0.009471	0.040349	1
ENSG0000 response	Inflamed	FAM84A	protein_cc chr2	14772810	14790933	+	8379	7512.394	0	0.482896	0.182494	2.646092	0.009473	0.040351	1
ENSG0000 response	Inflamed	MC4R	protein_cc chr18	58038564	58040001	-	1438	5.124105	0.412888	-0.61623	0.232887	-2.64603	0.009475	0.040351	1
ENSG0000 response	Inflamed	PLEKHA7	protein_cc chr11	16799842	17035990	-	9575	3392.055	0	0.462771	0.174923	2.645576	0.009487	0.040395	1
ENSG0000 response	Inflamed	TMEM132	protein_cc chr12	1.3E+08	1.3E+08	-	7075	13.3222	0.095465	0.565546	0.213791	2.645324	0.009493	0.040415	1
ENSG0000 response	Inflamed	AC093585	antisense chr2	2.42E+08	2.42E+08	-	428	0.952267	0.768496	0.242193	0.091556	2.645281	0.009494	0.040415	1
ENSG0000 response	Inflamed	RP11-347E	lincRNA chr11	1.1E+08	1.1E+08	+	781	1.140811	0.768496	-0.26771	0.10122	-2.64487	0.009505	0.040455	1
ENSG0000 response	Inflamed	OGFRL1	protein_cc chr6	71998506	72018653	+	9051	540.2363	0	-0.4691	0.177377	-2.64463	0.009511	0.040474	1
ENSG0000 response	Inflamed	MLYCD	protein_cc chr16	83932731	83949787	+	5317	716.5943	0	0.182745	0.069104	2.644505	0.009515	0.040482	1
ENSG0000 response	Inflamed	RFTN2	protein_cc chr2	1.98E+08	1.99E+08	-	6007	74.90453	0.004773	-0.56829	0.214929	-2.64407	0.009526	0.040523	1
ENSG0000 response	Inflamed	05-Sep	protein_cc chr22	19701987	19712295	+	5914	247.9475	0	-0.43169	0.163272	-2.644	0.009528	0.040525	1
ENSG0000 response	Inflamed	LMTK2	protein_cc chr7	97736197	97838945	+	9139	4203.153	0	0.396933	0.150131	2.643917	0.00953	0.040528	1
ENSG0000 response	Inflamed	ENTHD1	protein_cc chr22	40139049	40289868	-	3068	3.49642	0.417661	-0.40581	0.153495	-2.64381	0.009533	0.040532	1
ENSG0000 response	Inflamed	TMEM238	protein_cc chr19	55890613	55895966	-	1000	516.432	0	0.394345	0.14916	2.643763	0.009534	0.040532	1
ENSG0000 response	Inflamed	MVB12B	protein_cc chr9	1.29E+08	1.29E+08	+	8070	1187.482	0	0.324722	0.122831	2.643648	0.009537	0.040538	1
ENSG0000 response	Inflamed	RP11-17M	sense_intr chr17	32258151	32263225	-	535	3.551313	0.357995	0.364377	0.137836	2.643556	0.009539	0.040542	1
ENSG0000 response	Inflamed	TMEM37	protein_cc chr2	1.2E+08	1.2E+08	+	2292	2158.888	0	0.570107	0.21574	2.642561	0.009566	0.040647	1
ENSG0000 response	Inflamed	RP11-10L7	lincRNA chr4	89206094	89252573	+	1654	1.472554	0.630072	-0.33084	0.1252	-2.64246	0.009568	0.040651	1
ENSG0000 response	Inflamed	RP11-712E	pseudoger chr11	94876801	94878289	+	1489	1.706444	0.599045	0.367699	0.139171	2.642057	0.009579	0.040684	1
ENSG0000 response	Inflamed	CYFIP2	protein_cc chr5	1.57E+08	1.57E+08	+	10509	2052.644	0	-0.35559	0.134588	-2.64205	0.009579	0.040684	1
ENSG0000 response	Inflamed	THRA	protein_cc chr17	38214543	38250120	+	6959	3114.076	0	0.284471	0.107685	2.641685	0.009589	0.040718	1
ENSG0000 response	Inflamed	RP3-391O	pseudoger chr6	34544035	34544433	-	399	1.128878	0.699284	-0.2624	0.099343	-2.64134	0.009598	0.040751	1
ENSG0000 response	Inflamed	PTPN14	protein_cc chr1	2.15E+08	2.15E+08	-	18756	578.9284	0	-0.49505	0.187451	-2.64095	0.009608	0.040787	1

ENSG0000 response	Inflamed	C3orf55	protein_cc chr3	1.57E+08	1.57E+08 +	3180	16.84964	0.057279	-0.68744	0.260307	-2.6409	0.00961	0.040787	1
ENSG0000 response	Inflamed	MTND1P2:	pseudoger chr1	564442	564813 +	372	1429.979	0	0.40585	0.153754	2.639611	0.009644	0.040925	1
ENSG0000 response	Inflamed	KLHL17	protein_cc chr1	895967	901095 +	3395	394.5251	0	-0.35509	0.134539	-2.63934	0.009651	0.040949	1
ENSG0000 response	Inflamed	TSPAN12	protein_cc chr7	1.2E+08	1.2E+08 -	3366	708.7279	0	0.368256	0.139559	2.638717	0.009667	0.041013	1
ENSG0000 response	Inflamed	OR1Q1	protein_cc chr9	1.25E+08	1.25E+08 +	1079	2.816229	0.556086	-0.45779	0.173512	-2.63837	0.009677	0.041046	1
ENSG0000 response	Inflamed	RP11-700F	lincRNA chr17	49012350	49022074 -	2054	12.62291	0.062053	0.449506	0.170381	2.638242	0.00968	0.041053	1
ENSG0000 response	Inflamed	MPDZ	protein_cc chr9	13105703	13279589 -	11273	335.7804	0.002387	-0.54159	0.205306	-2.63798	0.009687	0.041076	1
ENSG0000 response	Inflamed	SOWAHC	protein_cc chr2	1.1E+08	1.1E+08 +	4653	1599.53	0	0.475355	0.180216	2.637696	0.009695	0.041096	1
ENSG0000 response	Inflamed	RP11-848F	pseudoger chr17	29335515	29420145 +	2147	69.26014	0	0.322889	0.122414	2.637687	0.009695	0.041096	1
ENSG0000 response	Inflamed	GYS2	protein_cc chr12	21689123	21757781 -	3132	1.608592	0.603819	-0.34312	0.130093	-2.63751	0.0097	0.041109	1
ENSG0000 response	Inflamed	AP000230	lincRNA chr21	27543189	27589700 +	2044	4.167064	0.343675	0.353279	0.13396	2.637203	0.009708	0.041138	1
ENSG0000 response	Inflamed	RHBDL1	protein_cc chr16	725666	728268 +	1884	55.62053	0	0.346176	0.13128	2.63694	0.009715	0.041161	1
ENSG0000 response	Inflamed	PARD6B	protein_cc chr20	49348081	49373332 +	4726	326.8449	0.002387	0.559853	0.212338	2.636616	0.009723	0.041191	1
ENSG0000 response	Inflamed	GPR88	protein_cc chr1	1.01E+08	1.01E+08 +	3491	11.67303	0.069212	-0.56644	0.214842	-2.63654	0.009725	0.041192	1
ENSG0000 response	Inflamed	SLC2A9	protein_cc chr4	9772777	10056560 -	6614	180.4726	0	-0.21806	0.082711	-2.63645	0.009728	0.041197	1
ENSG0000 response	Inflamed	TACO1	protein_cc chr17	61678231	61685725 +	2315	837.8759	0	0.151955	0.057642	2.636181	0.009735	0.04122	1
ENSG0000 response	Inflamed	RP11-575C	pseudoger chr12	1.01E+08	1.01E+08 +	1454	1.735084	0.544153	0.315757	0.119783	2.636074	0.009738	0.041222	1
ENSG0000 response	Inflamed	TPTEP1	lincRNA chr22	17082777	17179632 +	12081	105.0024	0.004773	-0.41333	0.156799	-2.63605	0.009739	0.041222	1
ENSG0000 response	Inflamed	NCMAP	protein_cc chr1	24882602	24935819 +	4122	118.8783	0	-0.45028	0.170829	-2.63585	0.009744	0.041238	1
ENSG0000 response	Inflamed	MAPKAPK:	protein_cc chr3	50648951	50686720 +	3913	2077.227	0	-0.17883	0.067866	-2.63507	0.009765	0.041319	1
ENSG0000 response	Inflamed	ARID5B	protein_cc chr10	63661059	63856703 +	8164	1715.597	0	-0.50796	0.192807	-2.63454	0.009779	0.041373	1
ENSG0000 response	Inflamed	HADHA	protein_cc chr2	26413504	26467594 -	3971	9983.947	0	0.329072	0.12491	2.634473	0.009781	0.041374	1
ENSG0000 response	Inflamed	PLD4	protein_cc chr14	1.05E+08	1.05E+08 +	2321	204.8783	0	-0.50369	0.19125	-2.63368	0.009802	0.041454	1
ENSG0000 response	Inflamed	SH2B3	protein_cc chr12	1.12E+08	1.12E+08 +	5682	3225.683	0	-0.35231	0.133772	-2.63366	0.009803	0.041454	1
ENSG0000 response	Inflamed	THEM6	protein_cc chr8	1.44E+08	1.44E+08 +	3055	1425.277	0	0.294328	0.111765	2.633449	0.009808	0.041471	1
ENSG0000 response	Inflamed	BCAR3	protein_cc chr1	94027347	94312706 -	5072	1238.885	0	0.223182	0.084755	2.633241	0.009814	0.041488	1
ENSG0000 response	Inflamed	SORT1	protein_cc chr1	1.1E+08	1.1E+08 -	8760	6436.804	0	0.375228	0.142527	2.632687	0.009829	0.04154	1
ENSG0000 response	Inflamed	CTD-2376I	lincRNA chr5	72251033	72251526 -	494	9.656325	0.033413	-0.33877	0.128681	-2.63262	0.009831	0.04154	1
ENSG0000 response	Inflamed	JAM2	protein_cc chr21	27011584	27089874 +	5937	676.7709	0	-0.44292	0.168245	-2.6326	0.009831	0.04154	1
ENSG0000 response	Inflamed	ZNRF3	protein_cc chr22	29279580	29453475 +	6968	568.9737	0	0.408628	0.155236	2.632301	0.009839	0.041568	1
ENSG0000 response	Inflamed	RP11-175F	pseudoger chr12	1.01E+08	1.01E+08 -	1405	53.01193	0.02864	0.57152	0.217252	2.630683	0.009883	0.041741	1
ENSG0000 response	Inflamed	PVRL1	protein_cc chr11	1.19E+08	1.2E+08 -	7701	3648.093	0	0.398092	0.151335	2.630534	0.009887	0.041741	1
ENSG0000 response	Inflamed	RNF125	protein_cc chr18	29598335	29653176 +	6508	660.4821	0	0.459309	0.174607	2.630533	0.009887	0.041741	1
ENSG0000 response	Inflamed	DKK2	protein_cc chr4	1.08E+08	1.08E+08 -	4319	5.026253	0.451074	-0.58505	0.222414	-2.63048	0.009889	0.041741	1
ENSG0000 response	Inflamed	RASGEF1A	protein_cc chr10	43689983	43762367 -	6073	94.40095	0	-0.53893	0.204885	-2.63043	0.00989	0.041741	1
ENSG0000 response	Inflamed	TENM3	protein_cc chr4	1.83E+08	1.84E+08 +	11983	178.4248	0.02148	-0.83065	0.315787	-2.63041	0.009891	0.041741	1
ENSG0000 response	Inflamed	PRPS1	protein_cc chrX	1.07E+08	1.07E+08 +	2197	559.0788	0	-0.36243	0.137785	-2.63038	0.009891	0.041741	1
ENSG0000 response	Inflamed	LRFN4	protein_cc chr11	66624118	66627946 +	2828	1552.857	0	0.267262	0.101615	2.630135	0.009898	0.041763	1
ENSG0000 response	Inflamed	TMPPE	protein_cc chr3	33131913	33138293 -	3966	166.3103	0.00716	0.282158	0.107285	2.629987	0.009902	0.041773	1
ENSG0000 response	Inflamed	ABTB2	protein_cc chr11	34172535	34379555 -	4973	1082.42	0	0.403039	0.153273	2.629555	0.009914	0.041816	1

ENSG0000 response	Inflamed	FAM90A1	protein_cc chr12	8373856	8380214	-	2538	30.82816	0.00716	-0.43953	0.167156	-2.62942	0.009917	0.041824	1
ENSG0000 response	Inflamed	RP11-216M	pseudoger chr1	1.54E+08	1.54E+08	-	1309	4.317422	0.145585	-0.35653	0.135665	-2.62801	0.009956	0.04198	1
ENSG0000 response	Inflamed	CTD-2003C	lincRNA chr11	10906432	10920869	-	947	2.49642	0.451074	-0.35092	0.13354	-2.62783	0.009961	0.041991	1
ENSG0000 response	Inflamed	TDRD9	protein_cc chr14	1.04E+08	1.05E+08	+	5480	32.74224	0.038186	-0.63365	0.241133	-2.6278	0.009962	0.041991	1
ENSG0000 response	Inflamed	HRASLS	protein_cc chr3	1.93E+08	1.93E+08	+	1169	1.558473	0.668258	-0.38713	0.14736	-2.6271	0.009981	0.042064	1
ENSG0000 response	Inflamed	RPL39P40	pseudoger chr21	18872997	18873142	-	146	2.76611	0.439141	0.327922	0.124832	2.626903	0.009986	0.042081	1
ENSG0000 response	Inflamed	MAL2	protein_cc chr8	1.2E+08	1.2E+08	+	3431	6319.411	0	0.651549	0.248063	2.626543	0.009996	0.042106	1
ENSG0000 response	Inflamed	CTD-2547L	lincRNA chr14	91724643	91725347	+	705	4.508353	0.22673	-0.42975	0.163619	-2.62654	0.009996	0.042106	1
ENSG0000 response	Inflamed	RUSC2	protein_cc chr9	35490124	35561895	+	5682	746.0549	0	-0.47797	0.181979	-2.62651	0.009997	0.042106	1
ENSG0000 response	Inflamed	OTX1	protein_cc chr2	63277192	63284971	+	4833	8.914081	0.386635	-0.68412	0.260509	-2.62609	0.010009	0.042147	1
ENSG0000 response	Inflamed	TLL2	protein_cc chr10	98124363	98273675	-	8151	63.38186	0.002387	-0.34094	0.129837	-2.62589	0.010014	0.042163	1
ENSG0000 response	Inflamed	HIST1H1C	protein_cc chr6	26055968	26056699	-	732	1408.141	0	-0.37548	0.143004	-2.62564	0.010021	0.042186	1
ENSG0000 response	Inflamed	ITGB3	protein_cc chr17	45331212	45421658	+	4913	228.2482	0.01432	-0.54569	0.207844	-2.62547	0.010026	0.042199	1
ENSG0000 response	Inflamed	CSDC2	protein_cc chr22	41956767	41973745	+	3250	79.56563	0.01432	-0.64866	0.247086	-2.62525	0.010032	0.042218	1
ENSG0000 response	Inflamed	RP11-343M	lincRNA chr1	1.21E+08	1.21E+08	+	1326	80.02387	0.009547	-0.50625	0.192851	-2.62508	0.010037	0.042231	1
ENSG0000 response	Inflamed	HTR4-IT1	sense_intr chr5	1.48E+08	1.48E+08	-	1704	1.947494	0.587112	0.384046	0.146303	2.625007	0.010038	0.042232	1
ENSG0000 response	Inflamed	FGF10	protein_cc chr5	44303646	44389808	-	3011	50.35561	0.011933	-0.64018	0.243915	-2.62463	0.010049	0.042268	1
ENSG0000 response	Inflamed	CHRNA5	protein_cc chr15	78857862	78887611	+	3623	116.9666	0	0.375686	0.143141	2.624579	0.01005	0.042268	1
ENSG0000 response	Inflamed	RP4-613B2	antisense chr3	42643455	42695880	-	785	4.875895	0.128878	-0.3385	0.128983	-2.62436	0.010056	0.042281	1
ENSG0000 response	Inflamed	RP11-71G	lincRNA chr1	1.57E+08	1.57E+08	+	471	2.966587	0.424821	-0.42669	0.162587	-2.62436	0.010056	0.042281	1
ENSG0000 response	Inflamed	MUTYH	protein_cc chr1	45794835	45806142	-	3909	678.568	0	0.179039	0.068231	2.624024	0.010066	0.042313	1
ENSG0000 response	Inflamed	G6PC	protein_cc chr17	41052814	41065386	+	3296	39.03819	0.644391	0.634886	0.241969	2.623833	0.010071	0.042324	1
ENSG0000 response	Inflamed	CELA3A	protein_cc chr1	22328149	22339032	+	1224	7.653938	0.463007	0.470313	0.179251	2.623771	0.010072	0.042324	1
ENSG0000 response	Inflamed	TNMD	protein_cc chrX	99839799	99854882	+	1610	10.51313	0.145585	0.51865	0.197675	2.62375	0.010073	0.042324	1
ENSG0000 response	Inflamed	CDC42BPC	protein_cc chr11	64590859	64612041	-	6112	2775.928	0	0.504739	0.19238	2.623661	0.010076	0.042328	1
ENSG0000 response	Inflamed	AC069213	pseudoger chr3	1.95E+08	1.95E+08	+	1680	331.8401	0.004773	0.632888	0.241261	2.623248	0.010087	0.042369	1
ENSG0000 response	Inflamed	MS4A15	protein_cc chr11	60524426	60544205	+	2195	5.412888	0.195704	0.375312	0.143078	2.623123	0.01009	0.042376	1
ENSG0000 response	Inflamed	PQLC1	protein_cc chr18	77662420	77711664	-	5225	2521.914	0	0.222823	0.08495	2.623001	0.010094	0.042384	1
ENSG0000 response	Inflamed	TACSTD2	protein_cc chr1	59041099	59043166	-	2068	365.4057	0.002387	-0.71454	0.272455	-2.62262	0.010104	0.04242	1
ENSG0000 response	Inflamed	ATP6V1F	protein_cc chr7	1.29E+08	1.29E+08	+	789	1409.461	0	-0.33092	0.126181	-2.62258	0.010106	0.04242	1
ENSG0000 response	Inflamed	CDH26	protein_cc chr20	58533471	58609066	+	5759	20.12411	0.042959	-0.53796	0.205136	-2.62245	0.010109	0.042428	1
ENSG0000 response	Inflamed	PCAT7	antisense chr9	97317351	97330409	+	1164	32.90692	0.02864	0.502844	0.19177	2.622124	0.010118	0.042459	1
ENSG0000 response	Inflamed	NUDT7	protein_cc chr16	77756411	77776157	+	1502	163.9236	0	0.334888	0.127752	2.621389	0.010138	0.042531	1
ENSG0000 response	Inflamed	ZFPM2	protein_cc chr8	1.06E+08	1.07E+08	+	6708	93.53222	0.01432	-0.60891	0.232286	-2.62139	0.010139	0.042531	1
ENSG0000 response	Inflamed	GAS6-AS2	lincRNA chr13	1.15E+08	1.15E+08	+	1952	20.09308	0.011933	-0.39767	0.151711	-2.62121	0.010143	0.042544	1
ENSG0000 response	Inflamed	CDPF1	protein_cc chr22	46639908	46646576	-	2005	187.9594	0	-0.19098	0.072868	-2.62084	0.010154	0.042581	1
ENSG0000 response	Inflamed	MCM5	protein_cc chr22	35796056	35821423	+	7338	2423.093	0	-0.27944	0.106652	-2.62007	0.010175	0.042664	1
ENSG0000 response	Inflamed	RP11-249L	pseudoger chr6	1.09E+08	1.09E+08	-	259	1.582339	0.594272	-0.28051	0.107067	-2.61992	0.010179	0.042675	1
ENSG0000 response	Inflamed	BPHL	protein_cc chr6	3118608	3153812	+	5780	482.7422	0	0.243574	0.092978	2.619711	0.010185	0.042693	1
ENSG0000 response	Inflamed	NEU4	protein_cc chr2	2.43E+08	2.43E+08	+	4818	1395.644	0	0.63343	0.2418	2.619646	0.010187	0.042693	1

ENSG0000 response	Inflamed	CTB-50L17	protein_cc chr19	4528439	4540079	-	1803	9.398568	0.133652	-0.52304	0.199723	-2.61882	0.01021	0.042783	1
ENSG0000 response	Inflamed	CLU10S	protein_cc chr12	92813870	92821924	-	686	2.610979	0.52506	-0.43718	0.166942	-2.61874	0.010212	0.042786	1
ENSG0000 response	Inflamed	ERO1L	protein_cc chr14	53106634	53162618	-	7548	4191.692	0	-0.54593	0.208512	-2.61821	0.010227	0.042841	1
ENSG0000 response	Inflamed	NTNG1	protein_cc chr1	1.08E+08	1.08E+08	+	9165	9.556086	0.105012	-0.56235	0.214805	-2.61793	0.010235	0.042854	1
ENSG0000 response	Inflamed	GAS7	protein_cc chr17	9813926	10101868	-	10100	2614.554	0	-0.4227	0.161464	-2.6179	0.010236	0.042854	1
ENSG0000 response	Inflamed	CCDC106	protein_cc chr19	56152428	56164527	+	2709	319.1862	0	-0.30002	0.114606	-2.61787	0.010237	0.042854	1
ENSG0000 response	Inflamed	ADAM32	protein_cc chr8	38964509	39142430	+	10044	30.91647	0.009547	0.508094	0.194087	2.617865	0.010237	0.042854	1
ENSG0000 response	Inflamed	CORO1B	protein_cc chr11	67205519	67211292	-	2958	7701.031	0	0.204478	0.078116	2.617633	0.010243	0.042875	1
ENSG0000 response	Inflamed	C11orf35	protein_cc chr11	554855	560779	-	2934	244.8807	0	0.272868	0.104249	2.617467	0.010248	0.042883	1
ENSG0000 response	Inflamed	AKAP2	protein_cc chr9	1.13E+08	1.13E+08	+	8444	39.16706	0.033413	-0.55714	0.212857	-2.61745	0.010249	0.042883	1
ENSG0000 response	Inflamed	DRG2	protein_cc chr17	17991200	18011285	+	7411	1163.967	0	-0.13283	0.050755	-2.61707	0.010259	0.04292	1
ENSG0000 response	Inflamed	SLC2A7	protein_cc chr1	9063359	9086404	-	1539	1.336516	0.72315	-0.31324	0.119695	-2.617	0.010261	0.042921	1
ENSG0000 response	Inflamed	PCSK7	protein_cc chr11	1.17E+08	1.17E+08	-	22303	8425.84	0	0.217655	0.083175	2.616812	0.010266	0.042937	1
ENSG0000 response	Inflamed	AC132872	protein_cc chr17	80214131	80216080	+	1950	4.916468	0.281623	-0.42758	0.163418	-2.61651	0.010275	0.042966	1
ENSG0000 response	Inflamed	RP5-1132t	pseudoger chr7	65490113	65496531	-	306	2.443914	0.46778	0.303992	0.116191	2.616319	0.01028	0.042981	1
ENSG0000 response	Inflamed	BTC	protein_cc chr4	75669969	75719896	-	2816	194.2005	0	0.486829	0.186079	2.616244	0.010282	0.042983	1
ENSG0000 response	Inflamed	EDN1	protein_cc chr6	12290596	12297427	+	2033	484.8735	0	0.354325	0.135437	2.616156	0.010285	0.042987	1
ENSG0000 response	Inflamed	CYB5A	protein_cc chr18	71920530	71959251	-	6865	1480.291	0	0.263835	0.100868	2.615661	0.010299	0.043037	1
ENSG0000 response	Inflamed	COPS8	protein_cc chr2	2.38E+08	2.38E+08	+	4743	672.8091	0	-0.26861	0.102696	-2.61561	0.0103	0.043037	1
ENSG0000 response	Inflamed	DCLRE1CP	pseudoger chr10	15057071	15130775	-	997	3.661098	0.288783	-0.442	0.168988	-2.61555	0.010302	0.043037	1
ENSG0000 response	Inflamed	CPB1	protein_cc chr3	1.49E+08	1.49E+08	+	5703	48.49403	0.205251	1.167996	0.446585	2.615391	0.010306	0.043049	1
ENSG0000 response	Inflamed	PRKAG2	protein_cc chr7	1.51E+08	1.52E+08	-	6740	1016.895	0	0.225719	0.086309	2.615248	0.01031	0.043059	1
ENSG0000 response	Inflamed	CTD-2611c	sense_intr chr19	56220176	56220486	+	311	8.863962	0.121718	0.495597	0.189558	2.614492	0.010332	0.043142	1
ENSG0000 response	Inflamed	MCMD2	protein_cc chr8	67782984	67834283	+	6354	19.50597	0.038186	0.505324	0.193292	2.6143	0.010337	0.043157	1
ENSG0000 response	Inflamed	RP5-1159c	lincRNA chr7	7589735	7592071	-	1655	18.6969	0.038186	0.539776	0.206487	2.614089	0.010343	0.043175	1
ENSG0000 response	Inflamed	GJA3	protein_cc chr13	20712394	20735188	-	5211	4.677804	0.310263	-0.43822	0.167647	-2.61393	0.010348	0.043187	1
ENSG0000 response	Inflamed	ENKD1	protein_cc chr16	67696848	67701168	-	2679	409.3174	0	-0.21205	0.081126	-2.61382	0.010351	0.043192	1
ENSG0000 response	Inflamed	IGHV1-45	IG_V_gene chr14	1.07E+08	1.07E+08	-	409	148.0811	0.105012	-1.19056	0.455495	-2.61377	0.010352	0.043192	1
ENSG0000 response	Inflamed	XXbac-B47	sense_intr chr22	18487036	18490074	-	2493	1.494033	0.620525	0.323131	0.123641	2.613459	0.010361	0.043222	1
ENSG0000 response	Inflamed	GFER	protein_cc chr16	2034208	2037750	+	2687	1461.854	0	0.234088	0.089577	2.613245	0.010367	0.043241	1
ENSG0000 response	Inflamed	HIST1H2AI	protein_cc chr6	27775899	27776429	+	531	16.06683	0.026253	0.458739	0.175554	2.613085	0.010371	0.043253	1
ENSG0000 response	Inflamed	SFRP4	protein_cc chr7	37945543	38065297	-	3597	25.62053	0.073986	-0.82057	0.314138	-2.61214	0.010398	0.04335	1
ENSG0000 response	Inflamed	POU6F1	protein_cc chr12	51580719	51611477	-	6021	397.5704	0	-0.377	0.144325	-2.61213	0.010399	0.04335	1
ENSG0000 response	Inflamed	RP11-113k	pseudoger chr11	82822102	82822484	-	383	2.470167	0.410501	-0.35374	0.135423	-2.61209	0.0104	0.04335	1
ENSG0000 response	Inflamed	INPP4A	protein_cc chr2	99061317	99210853	+	13202	1712.37	0	-0.35829	0.137175	-2.61192	0.010404	0.043363	1
ENSG0000 response	Inflamed	RP11-773t	pseudoger chr18	12911185	12912022	+	838	1.577566	0.599045	-0.30237	0.115793	-2.61127	0.010423	0.043433	1
ENSG0000 response	Inflamed	Y_RNA	antisense chr8	81396796	81397854	-	1059	41.90931	0.009547	0.435485	0.166809	2.610681	0.01044	0.043496	1
ENSG0000 response	Inflamed	GAL3ST2	protein_cc chr2	2.43E+08	2.43E+08	+	1370	905.389	0.01432	0.8328	0.319009	2.610585	0.010443	0.043501	1
ENSG0000 response	Inflamed	RP11-314f	antisense chr17	4607525	4608824	+	472	3.326969	0.250597	-0.33736	0.129249	-2.61015	0.010455	0.043545	1
ENSG0000 response	Inflamed	RP3-377H	sense_intr chr12	4948121	4951841	+	560	1.167064	0.689737	0.308403	0.118168	2.609867	0.010463	0.043573	1

ENSG0000 response	Inflamed	TPM4	protein_cc chr19	16177831	16213813	+	7412	20339.63	0	-0.30118	0.115404	-2.60975	0.010466	0.043573	1
ENSG0000 response	Inflamed	LINC00525	antisense chr7	47801074	47806370	+	1212	18.92363	0.140811	-0.74587	0.285806	-2.60972	0.010467	0.043573	1
ENSG0000 response	Inflamed	RP1L1	protein_cc chr8	10463859	10569697	-	8881	7.042959	0.143198	-0.4404	0.168759	-2.60964	0.01047	0.043573	1
ENSG0000 response	Inflamed	TLN1	protein_cc chr9	35696945	35732392	-	10076	18199.57	0	-0.38612	0.147961	-2.60963	0.01047	0.043573	1
ENSG0000 response	Inflamed	TCF7	protein_cc chr5	1.33E+08	1.33E+08	+	10063	1145.735	0	-0.47251	0.181079	-2.60939	0.010477	0.043595	1
ENSG0000 response	Inflamed	PCDHB10	protein_cc chr5	1.41E+08	1.41E+08	+	3274	45.16229	0.023866	-0.38897	0.149073	-2.60926	0.01048	0.043603	1
ENSG0000 response	Inflamed	RP11-143k	processed_chr17	71161116	71192732	+	588	1.114558	0.732697	0.258032	0.098898	2.609082	0.010486	0.043618	1
ENSG0000 response	Inflamed	SLC52A3	protein_cc chr20	740724	749131	-	3445	1470.43	0	0.451878	0.1732	2.608998	0.010488	0.043621	1
ENSG0000 response	Inflamed	LOXHD1	protein_cc chr18	44056935	44236996	-	9020	10.56563	0.116945	-0.49159	0.18843	-2.60889	0.010491	0.043627	1
ENSG0000 response	Inflamed	TMCO1	protein_cc chr1	1.66E+08	1.66E+08	-	3082	2334.036	0	0.274807	0.10534	2.608752	0.010495	0.043635	1
ENSG0000 response	Inflamed	RP1-120G2	antisense chr1	6264900	6265840	-	378	13.44391	0.004773	0.335038	0.128431	2.608707	0.010496	0.043635	1
ENSG0000 response	Inflamed	ARHGEF1	protein_cc chr19	42387228	42434302	+	8630	5318.783	0	-0.34136	0.130901	-2.6078	0.010522	0.043736	1
ENSG0000 response	Inflamed	PAXIP1-AS	lincRNA chr7	1.55E+08	1.55E+08	+	2256	246.2172	0	0.297721	0.114174	2.607608	0.010528	0.043752	1
ENSG0000 response	Inflamed	SYK	protein_cc chr9	93564069	93660831	+	5210	4281.983	0	-0.22643	0.086842	-2.60738	0.010534	0.043773	1
ENSG0000 response	Inflamed	KCNMB1	protein_cc chr5	1.7E+08	1.7E+08	-	6079	261.9093	0	-0.55578	0.213183	-2.60707	0.010543	0.043803	1
ENSG0000 response	Inflamed	FOXA1	protein_cc chr14	38059189	38069245	-	4111	1880.01	0	0.503504	0.193143	2.606895	0.010548	0.043816	1
ENSG0000 response	Inflamed	ARFIP2	protein_cc chr11	6496910	6502666	-	4225	2428.628	0	0.159092	0.061035	2.606586	0.010557	0.043844	1
ENSG0000 response	Inflamed	CA9	protein_cc chr9	35673853	35681156	+	1670	84.93795	0.009547	-0.83632	0.320855	-2.60655	0.010558	0.043844	1
ENSG0000 response	Inflamed	SLC25A30	lincRNA chr13	45992297	45994506	+	701	5.202864	0.186158	0.349294	0.134031	2.606077	0.010572	0.043894	1
ENSG0000 response	Inflamed	RP11-113f	pseudoger chr12	53547056	53548268	+	1213	10.6253	0.02148	-0.34858	0.133787	-2.60547	0.010589	0.043959	1
ENSG0000 response	Inflamed	EGFR	protein_cc chr7	55086714	55324313	+	12961	3924.375	0	0.367563	0.141079	2.605362	0.010593	0.043963	1
ENSG0000 response	Inflamed	KIF13B	protein_cc chr8	28924796	29120641	-	11112	7841.523	0	0.348668	0.133829	2.605325	0.010594	0.043963	1
ENSG0000 response	Inflamed	SGCE	protein_cc chr7	94214542	94285521	-	2547	335.7136	0	-0.40474	0.155357	-2.60524	0.010596	0.043967	1
ENSG0000 response	Inflamed	RANGRF	protein_cc chr17	8191815	8193410	+	1577	490.2005	0	-0.24147	0.092696	-2.60497	0.010604	0.043992	1
ENSG0000 response	Inflamed	EIF4A1P2	pseudoger chrY	5205786	5207005	-	1220	15.45107	0.00716	-0.361	0.138617	-2.6043	0.010623	0.044065	1
ENSG0000 response	Inflamed	hsa-mir-45	miRNA chr14	1.06E+08	1.06E+08	-	78	33.10263	0.076372	-0.75116	0.288457	-2.60404	0.010631	0.044087	1
ENSG0000 response	Inflamed	UBE2J1	protein_cc chr6	90036344	90062567	-	4290	5689.551	0	-0.33797	0.129788	-2.604	0.010632	0.044087	1
ENSG0000 response	Inflamed	SURF4	protein_cc chr9	1.36E+08	1.36E+08	-	3229	14527.57	0	-0.17616	0.06765	-2.60394	0.010634	0.044087	1
ENSG0000 response	Inflamed	FAM83A	protein_cc chr8	1.24E+08	1.24E+08	+	6312	278.8091	0.016706	-0.9018	0.346334	-2.60385	0.010636	0.044091	1
ENSG0000 response	Inflamed	C19orf53	protein_cc chr19	13884982	13889276	+	1174	1439.143	0	-0.27831	0.106904	-2.60334	0.010651	0.044146	1
ENSG0000 response	Inflamed	ELOVL7	protein_cc chr5	60047618	60140216	-	4586	639.1862	0	0.44847	0.1723	2.602849	0.010665	0.044198	1
ENSG0000 response	Inflamed	SHANK1	protein_cc chr19	51165084	51222707	-	7567	30.51074	0.031026	-0.5108	0.196262	-2.60263	0.010672	0.044217	1
ENSG0000 response	Inflamed	DEFA5	protein_cc chr8	6912831	6914256	-	444	7066.63	0.023866	1.532044	0.588673	2.602539	0.010674	0.044221	1
ENSG0000 response	Inflamed	LRP6	protein_cc chr12	12268959	12419946	-	10337	1082.556	0	0.482629	0.185451	2.602463	0.010677	0.044222	1
ENSG0000 response	Inflamed	ACVR1C	protein_cc chr2	1.58E+08	1.58E+08	-	9195	201.1527	0.00716	0.67662	0.259997	2.602418	0.010678	0.044222	1
ENSG0000 response	Inflamed	MN1	protein_cc chr22	28144265	28197486	-	7693	183.9379	0.00716	-0.65901	0.253271	-2.60202	0.01069	0.044264	1
ENSG0000 response	Inflamed	STRCP1	pseudoger chr15	43991686	44010382	-	5328	2.713604	0.431981	0.363312	0.139642	2.601736	0.010698	0.04429	1
ENSG0000 response	Inflamed	RABEPK	protein_cc chr9	1.28E+08	1.28E+08	+	3401	498.1933	0	-0.16339	0.06281	-2.60126	0.010711	0.04434	1
ENSG0000 response	Inflamed	IFNE	protein_cc chr9	21480841	21482312	-	1472	3.921241	0.568019	-0.57662	0.221688	-2.60104	0.010718	0.044361	1
ENSG0000 response	Inflamed	TWF2	protein_cc chr3	52262626	52273276	-	1824	800.21	0	-0.20777	0.079897	-2.60048	0.010735	0.044422	1

ENSG0000 response	Inflamed	NAGLU	protein_cc chr17	40688190	40696467	+	3004	2033.63	0	-0.18118	0.069675	-2.60028	0.01074	0.044438	1
ENSG0000 response	Inflamed	FNDC3B	protein_cc chr3	1.72E+08	1.72E+08	+	13299	3975.408	0	-0.36035	0.138585	-2.60017	0.010743	0.044444	1
ENSG0000 response	Inflamed	AC008697	lincRNA chr5	1.59E+08	1.59E+08	+	1990	1.754177	0.575179	-0.32627	0.125492	-2.59995	0.01075	0.044465	1
ENSG0000 response	Inflamed	RP11-6I2.3	lincRNA chr8	74964575	75012088	+	738	2.451074	0.470167	-0.40644	0.156332	-2.59985	0.010753	0.04447	1
ENSG0000 response	Inflamed	RP1-168P1	sense_intr chr16	89458783	89478972	-	420	1.997613	0.47494	-0.30455	0.11715	-2.59968	0.010758	0.044483	1
ENSG0000 response	Inflamed	PGM1	protein_cc chr1	64058947	64125916	+	4090	3948.356	0	0.249452	0.095977	2.599082	0.010775	0.044548	1
ENSG0000 response	Inflamed	MUC2	protein_cc chr11	1074875	1104419	+	8693	112688.5	0	0.63249	0.243356	2.599029	0.010777	0.044548	1
ENSG0000 response	Inflamed	RASGRF2	protein_cc chr5	80256491	80525975	+	10702	427.7924	0	-0.49049	0.188732	-2.59889	0.010781	0.044557	1
ENSG0000 response	Inflamed	CHRM4	protein_cc chr11	46406640	46408107	-	1468	46.4463	0.016706	0.714936	0.275106	2.59876	0.010785	0.044567	1
ENSG0000 response	Inflamed	TP53INP1	protein_cc chr8	95938200	95961639	-	5685	2796.623	0	-0.56208	0.216305	-2.59856	0.010791	0.044584	1
ENSG0000 response	Inflamed	ZFYVE28	protein_cc chr4	2271309	2420390	-	9624	1312.597	0	0.29348	0.112958	2.598134	0.010803	0.044629	1
ENSG0000 response	Inflamed	IGLJ2	IG_J_gene chr22	23241661	23241835	+	175	2.704057	0.465394	-0.3872	0.149055	-2.59773	0.010815	0.044667	1
ENSG0000 response	Inflamed	WNK3	protein_cc chrX	54219256	54385075	-	11443	15.65871	0.064439	-0.5404	0.208029	-2.5977	0.010816	0.044667	1
ENSG0000 response	Inflamed	JMJD4	protein_cc chr1	2.28E+08	2.28E+08	-	4315	658.8783	0	-0.18396	0.070823	-2.59749	0.010822	0.044685	1
ENSG0000 response	Inflamed	FAM151A	protein_cc chr1	55074855	55089229	-	2005	82.39857	0.069212	0.883373	0.340118	2.597255	0.010829	0.044707	1
ENSG0000 response	Inflamed	RP11-100	pseudoger chr15	74770411	74782627	-	3385	2.451074	0.520286	-0.40238	0.154937	-2.59707	0.010835	0.044723	1
ENSG0000 response	Inflamed	HTR4	protein_cc chr5	1.48E+08	1.48E+08	-	7087	167.4511	0.019093	0.844432	0.325216	2.596528	0.010851	0.044782	1
ENSG0000 response	Inflamed	AC017048	lincRNA chr2	1.78E+08	1.78E+08	+	699	3.303103	0.238663	-0.34939	0.134586	-2.59603	0.010865	0.044834	1
ENSG0000 response	Inflamed	CTC-786C1	protein_cc chr16	85204882	85218969	+	777	23.53938	0.040573	-0.51769	0.199419	-2.59598	0.010867	0.044834	1
ENSG0000 response	Inflamed	RP13-890	antisense chr17	43246172	43248951	-	2376	13.67064	0.026253	-0.39696	0.152941	-2.59554	0.01088	0.044881	1
ENSG0000 response	Inflamed	CAPN15	protein_cc chr16	577717	604636	+	7720	6592.554	0	0.275659	0.106229	2.594942	0.010897	0.044947	1
ENSG0000 response	Inflamed	IGHV3-9	IG_V_gene chr14	1.07E+08	1.07E+08	-	434	9471.599	0.045346	-0.94306	0.363519	-2.59425	0.010918	0.045024	1
ENSG0000 response	Inflamed	RP11-335	antisense chr12	68052771	68064699	-	777	1.136038	0.732697	0.303411	0.116963	2.594079	0.010923	0.045039	1
ENSG0000 response	Inflamed	FER1L5	pseudoger chr2	97308474	97370624	+	10466	4.727924	0.312649	-0.48178	0.185731	-2.59394	0.010927	0.045049	1
ENSG0000 response	Inflamed	FAM161B	protein_cc chr14	74398204	74417117	-	5056	218.8926	0	0.368279	0.142002	2.593476	0.010941	0.045099	1
ENSG0000 response	Inflamed	C2CD4D	protein_cc chr1	1.52E+08	1.52E+08	-	1757	33.98091	0.00716	0.391959	0.151163	2.592953	0.010957	0.045156	1
ENSG0000 response	Inflamed	RP11-28H	lincRNA chr15	80985557	80986048	-	492	6.078759	0.143198	0.396833	0.153061	2.59264	0.010966	0.045187	1
ENSG0000 response	Inflamed	IGKV7-3	IG_V_pseu chr2	89214597	89214894	-	298	13.14081	0.200477	-0.6764	0.26091	-2.59245	0.010972	0.045203	1
ENSG0000 response	Inflamed	MIR126	miRNA chr9	1.4E+08	1.4E+08	+	85	5.190931	0.243437	-0.4797	0.185057	-2.59216	0.01098	0.045232	1
ENSG0000 response	Inflamed	LINC00501	lincRNA chr3	1.77E+08	1.77E+08	+	2046	26.98329	0.026253	0.56225	0.216928	2.591874	0.010989	0.04526	1
ENSG0000 response	Inflamed	AC139100	antisense chr18	77941563	77960875	+	2035	1.362768	0.642005	0.305876	0.118016	2.591812	0.010991	0.04526	1
ENSG0000 response	Inflamed	MGST1	protein_cc chr12	16500076	16762193	+	6213	4138.043	0	0.359819	0.138837	2.591665	0.010995	0.045271	1
ENSG0000 response	Inflamed	SLC38A7	protein_cc chr16	58699013	58719008	-	6991	1102.348	0	-0.24324	0.093885	-2.59083	0.01102	0.045367	1
ENSG0000 response	Inflamed	GSTZ1	protein_cc chr14	77787227	77797940	+	8477	678.136	0	0.248781	0.096035	2.590529	0.011029	0.045397	1
ENSG0000 response	Inflamed	PER2	protein_cc chr2	2.39E+08	2.39E+08	-	6877	1780.253	0	0.387267	0.149505	2.590325	0.011035	0.045415	1
ENSG0000 response	Inflamed	CYP1B1-A	antisense chr2	38302791	38408997	+	4138	18.33652	0.040573	0.474487	0.183188	2.590163	0.01104	0.045428	1
ENSG0000 response	Inflamed	MSRB3	protein_cc chr12	65672423	65882024	+	5791	711.8425	0	-0.57527	0.222101	-2.5901	0.011042	0.045428	1
ENSG0000 response	Inflamed	REEP6	protein_cc chr19	1491165	1497926	+	2030	425.7709	0	0.458613	0.177082	2.589831	0.01105	0.045455	1
ENSG0000 response	Inflamed	LINC00623	lincRNA chr1	1.44E+08	1.44E+08	-	5632	1.109785	0.713604	-0.23593	0.09111	-2.58953	0.011059	0.045485	1
ENSG0000 response	Inflamed	STX3	protein_cc chr11	59480929	59573354	+	7624	3808.618	0	0.378158	0.146058	2.589091	0.011072	0.045527	1

ENSG0000 response	Inflamed	SRD5A3	protein_cc chr4	56212276	56239263	+	4420	1092.329	0	-0.41361	0.159752	-2.58908	0.011073	0.045527	1
ENSG0000 response	Inflamed	KCTD21	protein_cc chr11	77882295	77899868	-	4164	739.0024	0	-0.16891	0.065244	-2.58891	0.011078	0.04554	1
ENSG0000 response	Inflamed	ZNF554	protein_cc chr19	2819872	2835771	+	4685	219.4702	0	0.293614	0.113417	2.588791	0.011081	0.045548	1
ENSG0000 response	Inflamed	SPATA31C	pseudoger chr9	90744220	90753361	-	3950	1.22673	0.701671	-0.30971	0.119657	-2.58835	0.011095	0.045596	1
ENSG0000 response	Inflamed	RP11-397F	lincRNA chr18	53443958	53448952	-	4134	6.818616	0.128878	-0.40815	0.157697	-2.5882	0.011099	0.045604	1
ENSG0000 response	Inflamed	TREH	protein_cc chr11	1.19E+08	1.19E+08	-	3181	165.1766	0.004773	0.619306	0.239284	2.588165	0.0111	0.045604	1
ENSG0000 response	Inflamed	C6orf123	protein_cc chr6	1.68E+08	1.68E+08	-	2146	45.95943	0.01432	0.527283	0.203746	2.587944	0.011107	0.045624	1
ENSG0000 response	Inflamed	RP11-157F	antisense chr20	60880488	60881381	-	681	22.78043	0.009547	-0.39619	0.153116	-2.58751	0.01112	0.04567	1
ENSG0000 response	Inflamed	EEF1DP1	pseudoger chr19	14181154	14182052	+	899	13.83294	0.011933	-0.3619	0.139905	-2.58676	0.011142	0.045756	1
ENSG0000 response	Inflamed	STXBP5L	protein_cc chr3	1.21E+08	1.21E+08	+	11085	4.422434	0.298329	0.498885	0.19287	2.586645	0.011146	0.045764	1
ENSG0000 response	Inflamed	RP5-1136C	antisense chr7	1.48E+08	1.48E+08	-	2198	76.99045	0	-0.21547	0.083304	-2.58653	0.011149	0.045764	1
ENSG0000 response	Inflamed	COG2	protein_cc chr1	2.31E+08	2.31E+08	+	11086	1370.494	0	0.313154	0.121071	2.58653	0.011149	0.045764	1
ENSG0000 response	Inflamed	EIF6	protein_cc chr20	33866714	33872788	-	1631	2804.852	0	0.222639	0.086083	2.586335	0.011155	0.045781	1
ENSG0000 response	Inflamed	RP11-783k	antisense chr11	64013436	64015689	+	597	36.7327	0	-0.48734	0.188442	-2.58614	0.011161	0.045798	1
ENSG0000 response	Inflamed	KRT18	protein_cc chr12	53342655	53346685	+	3218	35578.74	0	0.415427	0.160645	2.585991	0.011166	0.045809	1
ENSG0000 response	Inflamed	LINC0046C	lincRNA chr13	1.07E+08	1.07E+08	+	1152	3.28401	0.477327	-0.4915	0.190069	-2.58591	0.011168	0.045813	1
ENSG0000 response	Inflamed	TBCEL	protein_cc chr11	1.21E+08	1.21E+08	+	7020	499.8616	0	-0.49595	0.191822	-2.58549	0.011181	0.045853	1
ENSG0000 response	Inflamed	ARRDC1	protein_cc chr9	1.41E+08	1.41E+08	+	3821	3023.389	0	0.198526	0.076786	2.585443	0.011182	0.045853	1
ENSG0000 response	Inflamed	IL20RA	protein_cc chr6	1.37E+08	1.37E+08	-	4673	509.1981	0.002387	0.504451	0.195115	2.58541	0.011183	0.045853	1
ENSG0000 response	Inflamed	IL12A-AS1	antisense chr3	1.6E+08	1.6E+08	-	3689	1.97136	0.527446	-0.3398	0.131435	-2.58529	0.011187	0.045861	1
ENSG0000 response	Inflamed	LRRC63	protein_cc chr13	46786083	46851501	+	2868	1.644391	0.560859	-0.28989	0.112151	-2.58478	0.011202	0.045917	1
ENSG0000 response	Inflamed	PPP2R1A	protein_cc chr19	52693292	52730687	+	5338	10264.69	0	0.177829	0.068807	2.584447	0.011213	0.045952	1
ENSG0000 response	Inflamed	FAM19A1	protein_cc chr3	68053359	68594776	+	2915	14.04057	0.131265	-0.58748	0.22732	-2.58438	0.011215	0.045953	1
ENSG0000 response	Inflamed	HTRA2	protein_cc chr2	74756504	74760472	+	2998	787.0621	0	-0.15956	0.061743	-2.5843	0.011217	0.045953	1
ENSG0000 response	Inflamed	BCAN	protein_cc chr1	1.57E+08	1.57E+08	+	4931	4.412888	0.183771	0.407925	0.15785	2.584265	0.011218	0.045953	1
ENSG0000 response	Inflamed	VEGFB	protein_cc chr11	64002010	64006259	+	1539	1433.84	0	-0.26867	0.103969	-2.58416	0.011221	0.045959	1
ENSG0000 response	Inflamed	RP11-31F1	antisense chr1	1.13E+08	1.14E+08	+	3028	31.91408	0.00716	-0.45046	0.174326	-2.58402	0.011226	0.045969	1
ENSG0000 response	Inflamed	HBCBP	protein_cc chr12	57390745	57391335	+	591	1.324582	0.680191	-0.30093	0.116468	-2.58379	0.011233	0.045991	1
ENSG0000 response	Inflamed	CTD-3093I	lincRNA chr19	54697731	54698394	+	664	14.13365	0.019093	-0.33546	0.129836	-2.58369	0.011236	0.045995	1
ENSG0000 response	Inflamed	NPW	protein_cc chr16	2059927	2070756	+	1193	20.87351	0.004773	0.412997	0.159857	2.583538	0.01124	0.046008	1
ENSG0000 response	Inflamed	BNC2	protein_cc chr9	16409501	16870841	-	14812	355.6516	0	-0.61414	0.237724	-2.58341	0.011244	0.046016	1
ENSG0000 response	Inflamed	R3HCC1	protein_cc chr8	23127633	23153792	+	2630	923.3055	0	-0.1886	0.073013	-2.58308	0.011254	0.04605	1
ENSG0000 response	Inflamed	SLC35E3	protein_cc chr12	69139886	69187508	+	5612	332.7613	0	-0.23284	0.090158	-2.58263	0.011268	0.0461	1
ENSG0000 response	Inflamed	TRIM27	protein_cc chr6	28870779	28891766	-	7986	2924.26	0	-0.17876	0.069226	-2.58225	0.01128	0.04614	1
ENSG0000 response	Inflamed	MDGA1	protein_cc chr6	37600284	37667082	-	12385	423.9451	0.002387	-0.55887	0.216442	-2.58206	0.011285	0.046151	1
ENSG0000 response	Inflamed	CUEDC2	protein_cc chr10	1.04E+08	1.04E+08	-	1412	900.9785	0	-0.22533	0.08727	-2.58202	0.011287	0.046151	1
ENSG0000 response	Inflamed	RP11-745C	antisense chr12	66524531	66528229	+	623	12.47733	0.195704	0.398061	0.154169	2.581987	0.011288	0.046151	1
ENSG0000 response	Inflamed	EIF4A1P10	pseudoger chrX	91368245	91369460	-	1216	39.24582	0	-0.3263	0.126408	-2.58129	0.011309	0.046232	1
ENSG0000 response	Inflamed	GPR161	protein_cc chr1	1.68E+08	1.68E+08	-	5902	180.1122	0	-0.51653	0.200109	-2.58123	0.011311	0.046232	1
ENSG0000 response	Inflamed	snoU13	snoRNA chr3	32214148	32214252	+	105	1.601432	0.591885	0.293898	0.113866	2.581089	0.011315	0.046242	1

ENSG0000 response	Inflamed	PCDHB4	protein_cc chr5	1.41E+08	1.41E+08	+	3621	66.89499	0.019093	-0.45546	0.176488	-2.58068	0.011328	0.046286	1
ENSG0000 response	Inflamed	RECQL	protein_cc chr12	21621845	21654603	-	3778	621.0859	0	-0.46465	0.180083	-2.58018	0.011343	0.046342	1
ENSG0000 response	Inflamed	ADIRF	protein_cc chr10	88727949	88743691	+	998	1124.589	0	0.42804	0.165932	2.579602	0.011361	0.046407	1
ENSG0000 response	Inflamed	EBF3	protein_cc chr10	1.32E+08	1.32E+08	-	4623	64.13604	0.059666	-0.83684	0.324426	-2.57944	0.011366	0.04642	1
ENSG0000 response	Inflamed	RP11-334E	antisense chr11	1.19E+08	1.19E+08	+	894	5.415274	0.252983	0.439098	0.170272	2.578804	0.011385	0.046493	1
ENSG0000 response	Inflamed	AVPR1B	protein_cc chr1	2.06E+08	2.06E+08	+	2237	12.95704	0.136038	0.605446	0.234852	2.577989	0.011411	0.046589	1
ENSG0000 response	Inflamed	NABP1	protein_cc chr2	1.93E+08	1.93E+08	+	13806	1649.439	0	-0.61648	0.239143	-2.57786	0.011415	0.046598	1
ENSG0000 response	Inflamed	RSPH4A	protein_cc chr6	1.17E+08	1.17E+08	+	2840	9.272076	0.083532	-0.46741	0.181331	-2.57768	0.01142	0.046613	1
ENSG0000 response	Inflamed	TTC24	protein_cc chr1	1.57E+08	1.57E+08	+	2829	34.68258	0.085919	-0.68159	0.264424	-2.57763	0.011422	0.046613	1
ENSG0000 response	Inflamed	MIR4728	miRNA chr17	37882748	37882814	+	67	2.174224	0.508353	0.313142	0.121492	2.577479	0.011426	0.046624	1
ENSG0000 response	Inflamed	C7orf43	protein_cc chr7	99752043	99756338	-	3255	1771.229	0	0.225598	0.087531	2.577341	0.011431	0.046634	1
ENSG0000 response	Inflamed	RP11-87G2	processed_chr17	74946399	74965238	-	969	3.484487	0.498807	-0.47305	0.183576	-2.57688	0.011445	0.046686	1
ENSG0000 response	Inflamed	FAM72D	protein_cc chr1	1.44E+08	1.44E+08	-	2393	25.90692	0.01432	-0.42776	0.166012	-2.57669	0.011451	0.046702	1
ENSG0000 response	Inflamed	CCDC114	protein_cc chr19	48799714	48825151	-	4299	11.29356	0.054893	-0.43043	0.167069	-2.57635	0.011461	0.046738	1
ENSG0000 response	Inflamed	MPC1	protein_cc chr6	1.67E+08	1.67E+08	-	1525	1515.988	0	0.307377	0.119348	2.575482	0.011488	0.04684	1
ENSG0000 response	Inflamed	ARR3	protein_cc chrX	69488155	69501690	+	1719	3.591885	0.505967	0.442756	0.171926	2.575277	0.011495	0.046859	1
ENSG0000 response	Inflamed	DERA	protein_cc chr12	16064106	16190220	+	2848	1098.217	0	0.271354	0.105374	2.575145	0.011499	0.046869	1
ENSG0000 response	Inflamed	ZNF69	protein_cc chr19	11998599	12025144	+	2931	210.2745	0	0.420267	0.163212	2.57497	0.011504	0.046884	1
ENSG0000 response	Inflamed	RP11-59E1	lincRNA chr3	1.09E+08	1.09E+08	+	1958	139.8711	0.01432	0.706819	0.274522	2.574724	0.011512	0.046904	1
ENSG0000 response	Inflamed	RN7SL728l	misc_RNA chr4	1.03E+08	1.03E+08	-	298	1.119332	0.713604	0.248933	0.096684	2.574693	0.011513	0.046904	1
ENSG0000 response	Inflamed	PRRG3	protein_cc chrX	1.51E+08	1.51E+08	+	6364	36.179	0.031026	-0.54442	0.21147	-2.57444	0.011521	0.046929	1
ENSG0000 response	Inflamed	MR1	protein_cc chr1	1.81E+08	1.81E+08	+	9264	801.1527	0	-0.35355	0.137377	-2.57359	0.011547	0.047029	1
ENSG0000 response	Inflamed	MRC1L1	protein_cc chr10	17851362	17953178	+	5261	140.3341	0.009547	-0.48616	0.188942	-2.57306	0.011564	0.04709	1
ENSG0000 response	Inflamed	CABP7	protein_cc chr22	30116073	30127828	+	3259	14.7685	0.152745	0.702523	0.273051	2.572861	0.01157	0.047108	1
ENSG0000 response	Inflamed	MAP2K2	protein_cc chr19	4090319	4124126	-	5236	7875.298	0	0.184036	0.071536	2.572644	0.011577	0.047128	1
ENSG0000 response	Inflamed	PRR11	protein_cc chr17	57232860	57282066	+	4080	369.8305	0	-0.39122	0.152078	-2.57252	0.011581	0.047135	1
ENSG0000 response	Inflamed	CCDC115	protein_cc chr2	1.31E+08	1.31E+08	-	3782	1120.193	0	0.186707	0.072579	2.572476	0.011582	0.047135	1
ENSG0000 response	Inflamed	ERGIC2	protein_cc chr12	29490285	29534122	-	5826	687.1862	0	-0.32224	0.125268	-2.57241	0.011584	0.047136	1
ENSG0000 response	Inflamed	RP1-130H2	protein_cc chr22	30681227	30695471	-	2057	1.214797	0.677804	-0.27868	0.108342	-2.57228	0.011588	0.047145	1
ENSG0000 response	Inflamed	ECM2	protein_cc chr9	95256365	95298937	-	4350	105.1885	0.00716	-0.54905	0.213456	-2.5722	0.011591	0.047148	1
ENSG0000 response	Inflamed	RP11-496l	sense_intr chr1	2.26E+08	2.26E+08	-	992	1.026253	0.72315	-0.2641	0.102695	-2.57173	0.011606	0.047202	1
ENSG0000 response	Inflamed	SALL4	protein_cc chr20	50400581	50419059	-	4061	27.79714	0.059666	-0.61358	0.238621	-2.57134	0.011618	0.047237	1
ENSG0000 response	Inflamed	SCN8A	protein_cc chr12	51984050	52206648	+	12457	171.8807	0.00716	0.547111	0.212773	2.571332	0.011618	0.047237	1
ENSG0000 response	Inflamed	CLIC5	protein_cc chr6	45868045	46048132	-	5961	3685.916	0	0.680042	0.264479	2.571257	0.01162	0.04724	1
ENSG0000 response	Inflamed	ITGA10	protein_cc chr1	1.46E+08	1.46E+08	+	6320	139.5752	0.004773	-0.54845	0.213337	-2.5708	0.011635	0.047282	1
ENSG0000 response	Inflamed	COL3A1	protein_cc chr2	1.9E+08	1.9E+08	+	6816	77694.9	0	-0.56753	0.220764	-2.57075	0.011636	0.047282	1
ENSG0000 response	Inflamed	AGER	protein_cc chr6	32148745	32152101	-	2077	238.1933	0	-0.44981	0.174971	-2.57075	0.011636	0.047282	1
ENSG0000 response	Inflamed	CARD14	protein_cc chr17	78143791	78183130	+	8232	161.5394	0	-0.60539	0.2355	-2.57067	0.011639	0.047286	1
ENSG0000 response	Inflamed	ISYNA1	protein_cc chr19	18545198	18549111	-	3284	480.4558	0	-0.36818	0.143229	-2.57059	0.011641	0.047288	1
ENSG0000 response	Inflamed	ZNF91	protein_cc chr19	23487793	23578362	-	10397	773.3747	0	0.492623	0.19165	2.570438	0.011646	0.0473	1

ENSG0000 response	Inflamed	PSEN2	protein_cc chr1	2.27E+08	2.27E+08	+	3757	836.9523	0	-0.17403	0.067711	-2.57019	0.011654	0.047323	1
ENSG0000 response	Inflamed	TRAV1-2	TR_V_gen chr14	22111109	22111798	+	402	11.19093	0.081146	-0.40162	0.156264	-2.57014	0.011655	0.047323	1
ENSG0000 response	Inflamed	KCTD5	protein_cc chr16	2732476	2759031	+	3420	3248.222	0	0.238967	0.092981	2.570067	0.011658	0.047324	1
ENSG0000 response	Inflamed	CLUH	protein_cc chr17	2592680	2615957	-	6900	7200.601	0	0.339279	0.132014	2.570026	0.011659	0.047324	1
ENSG0000 response	Inflamed	GALK1	protein_cc chr17	73747675	73761792	-	2891	582.253	0	-0.28239	0.109883	-2.56988	0.011664	0.047336	1
ENSG0000 response	Inflamed	MLEC	protein_cc chr12	1.21E+08	1.21E+08	+	6723	31980.8	0	0.272576	0.106084	2.569438	0.011678	0.047384	1
ENSG0000 response	Inflamed	RP11-800A	antisense chr11	73018280	73020406	-	1695	9.904535	0.038186	-0.42361	0.164873	-2.56932	0.011681	0.047393	1
ENSG0000 response	Inflamed	REN	protein_cc chr1	2.04E+08	2.04E+08	-	1465	15.17184	0.174224	0.698647	0.271945	2.569074	0.011689	0.04741	1
ENSG0000 response	Inflamed	AC013283	miRNA chr12	98999652	98999738	+	87	23.51074	0.011933	0.367092	0.142889	2.569063	0.011689	0.04741	1
ENSG0000 response	Inflamed	BMP7	protein_cc chr20	55743804	55841685	-	5418	504.3103	0	-0.53683	0.209016	-2.56838	0.011711	0.04749	1
ENSG0000 response	Inflamed	PPARA	protein_cc chr22	46546424	46639653	+	12069	3881.427	0	0.409977	0.159647	2.568014	0.011723	0.047529	1
ENSG0000 response	Inflamed	SCNN1D	protein_cc chr1	1215816	1227409	+	4025	127.2387	0	-0.45619	0.177648	-2.56797	0.011724	0.047529	1
ENSG0000 response	Inflamed	CTD-3138f	protein_cc chr19	58740831	58798173	+	1463	3.105012	0.26969	-0.33073	0.128796	-2.56789	0.011727	0.047532	1
ENSG0000 response	Inflamed	PPP1R13B	protein_cc chr14	1.04E+08	1.04E+08	-	9031	2541.487	0	0.31557	0.122911	2.567475	0.01174	0.047571	1
ENSG0000 response	Inflamed	VILL	protein_cc chr3	38029550	38048679	+	6476	7671.189	0	0.372628	0.145137	2.567418	0.011741	0.047571	1
ENSG0000 response	Inflamed	FBLN7	protein_cc chr2	1.13E+08	1.13E+08	+	6576	117.0835	0.002387	-0.44365	0.172801	-2.56741	0.011742	0.047571	1
ENSG0000 response	Inflamed	SREBF2	protein_cc chr22	42229109	42303312	+	7531	14531.6	0	0.288776	0.11249	2.567123	0.011751	0.047599	1
ENSG0000 response	Inflamed	CRYBB3	protein_cc chr22	25595817	25603330	+	867	28.53222	0.023866	0.500281	0.194883	2.56708	0.011752	0.047599	1
ENSG0000 response	Inflamed	MCUR1	protein_cc chr6	13786789	13814800	-	6057	1474.881	0	0.218901	0.085276	2.566978	0.011755	0.047605	1
ENSG0000 response	Inflamed	ARSA	protein_cc chr22	51061182	51066607	-	2938	4064.064	0	-0.25521	0.099426	-2.56683	0.01176	0.04761	1
ENSG0000 response	Inflamed	RP11-148C	pseudoger chr3	1.08E+08	1.08E+08	-	97	0.911695	0.794749	0.25489	0.099302	2.566825	0.01176	0.04761	1
ENSG0000 response	Inflamed	MLLT4-AS	processed_chr6	1.68E+08	1.68E+08	-	2362	35.71838	0.023866	0.597361	0.232748	2.566553	0.011769	0.047637	1
ENSG0000 response	Inflamed	CPA2	protein_cc chr7	1.3E+08	1.3E+08	+	1829	8.78043	0.26969	0.488015	0.190155	2.566407	0.011774	0.047646	1
ENSG0000 response	Inflamed	TRAV17	TR_V_gen chr14	22465778	22466407	+	484	17.28878	0.045346	-0.48114	0.187479	-2.56637	0.011775	0.047646	1
ENSG0000 response	Inflamed	AC016700	processed_chr2	70321026	70330352	-	958	3.391408	0.343675	-0.41964	0.16353	-2.56617	0.011781	0.047665	1
ENSG0000 response	Inflamed	CDKN2A	protein_cc chr9	21967751	21995300	-	4400	95.06444	0	-0.4729	0.184356	-2.56517	0.011813	0.047786	1
ENSG0000 response	Inflamed	LINC00884	antisense chr3	1.94E+08	1.94E+08	+	2922	28.7685	0	-0.32045	0.124934	-2.56498	0.011819	0.047801	1
ENSG0000 response	Inflamed	RP4-673D	pseudoger chr20	1645929	1688846	-	1216	3.083532	0.424821	-0.38125	0.148641	-2.56494	0.01182	0.047801	1
ENSG0000 response	Inflamed	CWF19L1	protein_cc chr10	1.02E+08	1.02E+08	-	3985	676.7136	0	-0.25968	0.101245	-2.56483	0.011824	0.047808	1
ENSG0000 response	Inflamed	IL17RC	protein_cc chr3	9958758	9975314	+	4540	1248.57	0	0.201187	0.078443	2.56475	0.011826	0.04781	1
ENSG0000 response	Inflamed	RP11-18H	lincRNA chr4	1.53E+08	1.53E+08	+	2011	14.03103	0.088305	-0.54556	0.21272	-2.5647	0.011828	0.04781	1
ENSG0000 response	Inflamed	HEPH	protein_cc chrX	65382391	65488709	+	7113	13004.37	0	0.419549	0.16359	2.564642	0.01183	0.04781	1
ENSG0000 response	Inflamed	RABL5	protein_cc chr7	1.01E+08	1.01E+08	-	3736	238.2434	0	-0.2731	0.10649	-2.56453	0.011833	0.047817	1
ENSG0000 response	Inflamed	TMEM191	lincRNA chr22	21820712	21825558	+	4299	17.29117	0.002387	0.317534	0.12383	2.564271	0.011842	0.047843	1
ENSG0000 response	Inflamed	S100A7	protein_cc chr1	1.53E+08	1.53E+08	-	536	52.6611	0.551313	-1.23135	0.480251	-2.56397	0.011851	0.047874	1
ENSG0000 response	Inflamed	WDR24	protein_cc chr16	734622	740444	-	3570	601.1671	0	-0.21441	0.083634	-2.56363	0.011862	0.047911	1
ENSG0000 response	Inflamed	HSF5	protein_cc chr17	56497528	56565745	-	4094	6.639618	0.26969	-0.49548	0.193286	-2.56344	0.011868	0.047928	1
ENSG0000 response	Inflamed	PLEKHA2	protein_cc chr8	38758753	38831428	+	6326	2122.759	0	-0.3422	0.133498	-2.56331	0.011872	0.047938	1
ENSG0000 response	Inflamed	RP11-341C	antisense chr12	1.04E+08	1.04E+08	-	1063	20.06921	0.047733	0.542308	0.211639	2.562417	0.011901	0.048046	1
ENSG0000 response	Inflamed	UGT2B17	protein_cc chr4	69402902	69434245	-	2077	11188.26	0.033413	1.059271	0.413404	2.562313	0.011904	0.048052	1

ENSG0000 response	Inflamed	RP11-190C pseudoger	chr3	1.19E+08	1.19E+08	-	625	1.066826	0.718377	-0.26847	0.104787	-2.56205	0.011913	0.04808	1
ENSG0000 response	Inflamed	RP11-122C pseudoger	chr1	97144430	97145176	-	747	95.90931	0	0.2978	0.116245	2.561825	0.01192	0.048101	1
ENSG0000 response	Inflamed	RP11-305L lincRNA	chr9	93968457	93972581	-	4125	8.828162	0.133652	0.461704	0.180243	2.561568	0.011928	0.048127	1
ENSG0000 response	Inflamed	FAM13A protein_cc	chr4	89647106	90032549	-	13215	1533.408	0	0.447809	0.174849	2.561123	0.011943	0.04817	1
ENSG0000 response	Inflamed	KIAA0195 protein_cc	chr17	73437240	73496171	+	8854	4384.501	0	0.272479	0.106391	2.561118	0.011943	0.04817	1
ENSG0000 response	Inflamed	RP11-506I pseudoger	chr5	54652136	54653351	-	1216	1.286396	0.692124	0.30273	0.118212	2.5609	0.01195	0.048191	1
ENSG0000 response	Inflamed	PGAM1P7 pseudoger	chrX	46506029	46506765	-	737	1.400955	0.653938	-0.29368	0.114696	-2.56049	0.011963	0.048237	1
ENSG0000 response	Inflamed	PCDHGA4 protein_cc	chr5	1.41E+08	1.41E+08	+	4602	18.05489	0.045346	-0.48226	0.188376	-2.56009	0.011976	0.048282	1
ENSG0000 response	Inflamed	METTL21B protein_cc	chr12	58165275	58176324	+	3172	278.9093	0	-0.27617	0.107878	-2.55997	0.01198	0.04829	1
ENSG0000 response	Inflamed	RP11-254F lincRNA	chr2	10179219	10180790	-	1572	63.8568	0.002387	-0.36363	0.142056	-2.55977	0.011986	0.048308	1
ENSG0000 response	Inflamed	GALNT3 protein_cc	chr2	1.67E+08	1.67E+08	-	4686	2782.78	0	0.461038	0.180129	2.559489	0.011995	0.048338	1
ENSG0000 response	Inflamed	ATHL1 protein_cc	chr11	289135	296107	+	5260	2316.833	0	-0.48246	0.188504	-2.55941	0.011998	0.048341	1
ENSG0000 response	Inflamed	DIRC3 protein_cc	chr2	2.18E+08	2.19E+08	-	4665	14.86396	0.047733	-0.52825	0.206403	-2.55933	0.012	0.048343	1
ENSG0000 response	Inflamed	RWDD2A protein_cc	chr6	83903098	83908651	+	4686	292.1169	0	-0.43455	0.169809	-2.55903	0.01201	0.048375	1
ENSG0000 response	Inflamed	ETV7 protein_cc	chr6	36322419	36356164	-	2369	439.21	0	-0.42324	0.165413	-2.55866	0.012022	0.048416	1
ENSG0000 response	Inflamed	AC006129 lincRNA	chr19	42051554	42061832	+	1440	76.89976	0	-0.6211	0.242767	-2.55844	0.012029	0.048433	1
ENSG0000 response	Inflamed	ETFA protein_cc	chr15	76507696	76603813	-	5031	3498.628	0	0.305504	0.119411	2.558421	0.01203	0.048433	1
ENSG0000 response	Inflamed	KEL protein_cc	chr7	1.43E+08	1.43E+08	-	3923	31.49642	0.059666	-0.73452	0.287115	-2.55829	0.012034	0.048442	1
ENSG0000 response	Inflamed	UTF1 protein_cc	chr10	1.35E+08	1.35E+08	+	1157	1.081146	0.754177	-0.30254	0.118269	-2.55812	0.01204	0.048458	1
ENSG0000 response	Inflamed	AC079767 lincRNA	chr2	2.09E+08	2.09E+08	+	492	26.48687	0.095465	-0.71188	0.278333	-2.55767	0.012054	0.048508	1
ENSG0000 response	Inflamed	ACMSD protein_cc	chr2	1.36E+08	1.36E+08	+	2785	6.315036	0.725537	-0.7671	0.299936	-2.55754	0.012058	0.048518	1
ENSG0000 response	Inflamed	PLK1 protein_cc	chr16	23688977	23701688	+	4760	1145.115	0	-0.3206	0.125359	-2.55746	0.012061	0.048522	1
ENSG0000 response	Inflamed	EHHADH protein_cc	chr3	1.85E+08	1.85E+08	-	4700	812.673	0	0.446905	0.174758	2.557274	0.012067	0.048538	1
ENSG0000 response	Inflamed	MRPL13 protein_cc	chr8	1.21E+08	1.21E+08	-	4210	761.7184	0	0.266905	0.104382	2.557005	0.012076	0.048566	1
ENSG0000 response	Inflamed	TREML1 protein_cc	chr6	41117080	41122075	-	1483	16.42721	0.085919	-0.55866	0.218514	-2.55665	0.012087	0.048604	1
ENSG0000 response	Inflamed	RADIL protein_cc	chr7	4836686	4923350	-	6745	44.95465	0.023866	-0.45747	0.178939	-2.55658	0.01209	0.048606	1
ENSG0000 response	Inflamed	RP11-64K1 sense_ove	chr15	40666599	40668192	+	1594	34.84487	0.073986	0.671184	0.262628	2.55644	0.01212	0.048722	1
ENSG0000 response	Inflamed	APLF protein_cc	chr2	68694693	68858004	+	5371	41.0358	0.002387	-0.3975	0.155555	-2.55537	0.012129	0.048747	1
ENSG0000 response	Inflamed	TLCD2 protein_cc	chr17	1611064	1613732	-	991	383.8854	0	0.381042	0.149116	2.555339	0.01213	0.048747	1
ENSG0000 response	Inflamed	TRMT2A protein_cc	chr22	20099389	20104915	-	3963	1345.601	0	-0.21114	0.08263	-2.55521	0.012134	0.048753	1
ENSG0000 response	Inflamed	DEDD protein_cc	chr1	1.61E+08	1.61E+08	-	2821	1445.406	0	-0.10665	0.041738	-2.55518	0.012135	0.048753	1
ENSG0000 response	Inflamed	P2RY14 protein_cc	chr3	1.51E+08	1.51E+08	-	2815	236.6611	0	-0.50552	0.197878	-2.55469	0.012151	0.04881	1
ENSG0000 response	Inflamed	IGLV7-35 IG_V_pseu	chr22	22804540	22804990	+	340	3.949881	0.539379	-0.52965	0.207366	-2.55415	0.012169	0.048861	1
ENSG0000 response	Inflamed	CTD-2184C antisense	chr14	60706839	60715483	-	3154	10.76134	0.078759	0.425219	0.166483	2.554121	0.01217	0.048861	1
ENSG0000 response	Inflamed	AC011747 lincRNA	chr2	8699963	8723922	-	8956	115.3986	0	0.534287	0.209188	2.554099	0.012171	0.048861	1
ENSG0000 response	Inflamed	PPP1R9A protein_cc	chr7	94536514	94925727	+	11151	376.8258	0	0.558909	0.218835	2.55402	0.012173	0.048861	1
ENSG0000 response	Inflamed	SUCNR1 protein_cc	chr3	1.52E+08	1.52E+08	+	4179	62.08592	0.004773	-0.59937	0.234677	-2.55401	0.012174	0.048861	1
ENSG0000 response	Inflamed	TERC lincRNA	chr3	1.69E+08	1.69E+08	-	541	1	0.739857	0.277929	0.108823	2.553955	0.012175	0.048861	1
ENSG0000 response	Inflamed	HOXAS protein_cc	chr7	27180671	27183287	-	1707	479.0883	0	0.482311	0.188856	2.553861	0.012178	0.048862	1
ENSG0000 response	Inflamed	NPIPA2 protein_cc	chr16	14841923	14859270	+	1428	4.50358	0.238663	0.372206	0.145744	2.553835	0.012179	0.048862	1

ENSG0000 response	Inflamed	RP11-327L antisense	chr9	35930009	35937148	+	357	1.565632	0.603819	0.248785	0.09744	2.553215	0.0122	0.048936	1
ENSG0000 response	Inflamed	GK	protein_cc chrX	30671476	30748725	+	4511	1198.974	0	-0.57629	0.225725	-2.55307	0.012204	0.048947	1
ENSG0000 response	Inflamed	OXNAD1	protein_cc chr3	16306706	16391806	+	6056	546.8282	0	0.288693	0.113081	2.552974	0.012208	0.048947	1
ENSG0000 response	Inflamed	BLOC1S3	protein_cc chr19	45682003	45685059	+	2666	686.0573	0	-0.18871	0.073916	-2.55296	0.012208	0.048947	1
ENSG0000 response	Inflamed	PLCB4	protein_cc chr20	9049410	9461889	+	6900	909.0835	0	0.565186	0.221391	2.552886	0.01221	0.04895	1
ENSG0000 response	Inflamed	SP100	protein_cc chr2	2.31E+08	2.31E+08	+	12691	1491.246	0	-0.35973	0.14092	-2.55273	0.012216	0.048963	1
ENSG0000 response	Inflamed	LINC00173	processed_chr12	1.17E+08	1.17E+08	+	2065	33.10979	0.047733	-0.63986	0.250696	-2.55234	0.012228	0.049005	1
ENSG0000 response	Inflamed	DAPP1	protein_cc chr4	1.01E+08	1.01E+08	+	4548	565.6706	0	-0.55475	0.217352	-2.55229	0.01223	0.049005	1
ENSG0000 response	Inflamed	LNx1-AS2	sense_intr chr4	54459123	54470214	+	887	3.386635	0.293556	0.352503	0.13812	2.552142	0.012235	0.049018	1
ENSG0000 response	Inflamed	RP11-297L	processed_chr16	67515217	67521153	+	1640	30.4463	0	-0.29323	0.1149	-2.55203	0.012238	0.049021	1
ENSG0000 response	Inflamed	WSB2	protein_cc chr12	1.18E+08	1.19E+08	-	3537	4312.998	0	0.21311	0.083507	2.552001	0.01224	0.049021	1
ENSG0000 response	Inflamed	SMO	protein_cc chr7	1.29E+08	1.29E+08	+	4311	622.6014	0	-0.38532	0.150993	-2.55192	0.012242	0.049025	1
ENSG0000 response	Inflamed	PCSK5	protein_cc chr9	78505560	78977255	+	12705	2087.747	0	0.542599	0.212632	2.551823	0.012245	0.04903	1
ENSG0000 response	Inflamed	PVRL3	protein_cc chr3	1.11E+08	1.11E+08	+	6184	899.6587	0	0.409263	0.160424	2.551139	0.012268	0.049112	1
ENSG0000 response	Inflamed	FTLP12	pseudoger chr17	16294748	16295196	+	449	1.190931	0.708831	0.236217	0.092595	2.551085	0.01227	0.049112	1
ENSG0000 response	Inflamed	AC010525	lincRNA chr19	56207681	56208795	+	1115	31.58711	0.042959	0.530092	0.207803	2.550941	0.012274	0.049119	1
ENSG0000 response	Inflamed	ZNF618	protein_cc chr9	1.17E+08	1.17E+08	+	10384	707.6826	0	-0.45638	0.178907	-2.55092	0.012275	0.049119	1
ENSG0000 response	Inflamed	EIF3EP1	pseudoger chr6	74001685	74003000	+	1316	21.46778	0.023866	-0.48677	0.190835	-2.55076	0.012281	0.049126	1
ENSG0000 response	Inflamed	MROH8	protein_cc chr20	35729629	35807991	-	3880	54.2148	0	-0.25746	0.100937	-2.55075	0.012281	0.049126	1
ENSG0000 response	Inflamed	TRAV38-1	TR_V_gen chr14	22739851	22740446	+	353	4.942721	0.260143	-0.44626	0.175006	-2.54996	0.012307	0.049224	1
ENSG0000 response	Inflamed	SYNGR4	protein_cc chr19	48867652	48879633	+	1240	5.711217	0.107399	0.426424	0.167262	2.549438	0.012324	0.049285	1
ENSG0000 response	Inflamed	KCNQ1	protein_cc chr11	2465914	2870339	+	3971	3624.523	0	0.338107	0.132663	2.548616	0.012351	0.049387	1
ENSG0000 response	Inflamed	FAM69A	protein_cc chr1	93307724	93427057	-	2574	502.179	0	-0.3671	0.144049	-2.54842	0.012358	0.049405	1
ENSG0000 response	Inflamed	SSTR5	protein_cc chr16	1122756	1131454	+	2718	15.11456	0.050119	0.611408	0.23996	2.547957	0.012373	0.049459	1
ENSG0000 response	Inflamed	HOXA10	protein_cc chr7	27210210	27219880	-	3707	840.7995	0	0.244458	0.095947	2.54784	0.012377	0.049467	1
ENSG0000 response	Inflamed	TMEM39B	protein_cc chr1	32537632	32568467	+	3464	566.2601	0	-0.18062	0.070893	-2.54778	0.012379	0.049468	1
ENSG0000 response	Inflamed	NDUFA6-A	processed_chr22	42486935	42535286	+	6653	176.685	0	0.258085	0.1013	2.547715	0.012381	0.049469	1
ENSG0000 response	Inflamed	GPR1	protein_cc chr2	2.07E+08	2.07E+08	-	2834	5.494033	0.193317	-0.46012	0.180619	-2.54745	0.01239	0.049496	1
ENSG0000 response	Inflamed	XXyac-YRlv	pseudoger chr9	14511	29739	-	2216	322.7112	0	0.266548	0.104652	2.547002	0.012405	0.049549	1
ENSG0000 response	Inflamed	SIAH3	protein_cc chr13	46354405	46425871	-	4030	4.293556	0.353222	0.530256	0.208216	2.546666	0.012416	0.049586	1
ENSG0000 response	Inflamed	HLA-U	pseudoger chr6	29901878	29902063	+	186	11.05251	0.25537	0.483431	0.189836	2.546576	0.012419	0.04959	1
ENSG0000 response	Inflamed	RP3-405J1	pseudoger chr12	50611445	50612126	-	354	2.155131	0.486874	0.327736	0.1287	2.54651	0.012421	0.049591	1
ENSG0000 response	Inflamed	CTD-2005f	lincRNA chr11	86438397	86476307	+	503	1.174224	0.701671	0.254964	0.100126	2.546433	0.012424	0.049594	1
ENSG0000 response	Inflamed	PLEKHA4	protein_cc chr19	49340354	49371889	-	3851	898.2411	0	-0.37091	0.145677	-2.54614	0.012434	0.049625	1
ENSG0000 response	Inflamed	CATSPERG	protein_cc chr19	38826415	38861589	+	9283	93.86396	0.002387	0.30552	0.120001	2.545986	0.012439	0.049639	1
ENSG0000 response	Inflamed	CSMD1	protein_cc chr8	2792875	4852494	-	18700	10.81623	0.205251	-0.58795	0.230947	-2.54585	0.012444	0.04965	1
ENSG0000 response	Inflamed	RNASEK	protein_cc chr17	6915736	6917851	+	1789	631.179	0	-0.16526	0.064925	-2.54543	0.012457	0.049697	1
ENSG0000 response	Inflamed	ARHGAP1C	protein_cc chr4	1.49E+08	1.49E+08	+	10759	270.4177	0	-0.36269	0.142514	-2.54496	0.012473	0.049752	1
ENSG0000 response	Inflamed	RP11-563J	lincRNA chr10	6319650	6377944	+	3086	19.50358	0.031026	-0.53732	0.211137	-2.54486	0.012476	0.049758	1
ENSG0000 response	Inflamed	CCL3L1	protein_cc chr17	34623842	34625731	-	1469	25.21002	0.229117	-0.85851	0.33737	-2.54471	0.012481	0.049771	1

ENSG0000 response	Inflamed	PTPRO	protein_cc chr12	15475331	15750333	+	7519	381.9427	0	0.638022	0.250765	2.544308	0.012495	0.049817	1
ENSG0000 response	Inflamed	SSH3	protein_cc chr11	67070919	67080078	+	3641	2398.446	0	0.262827	0.103321	2.543784	0.012513	0.04988	1
ENSG0000 response	Inflamed	RP11-893F	antisense chr17	48358938	48365216	-	750	7.183771	0.243437	-0.56603	0.222535	-2.54356	0.01252	0.049894	1
ENSG0000 response	Inflamed	ENDOV	protein_cc chr17	78388965	78411886	+	7253	437.8401	0	0.213367	0.083885	2.543565	0.01252	0.049894	1
ENSG0000 response	Inflamed	RP4-714D5	sense_ove chr1	1E+08	1.01E+08	+	5067	309.3675	0.004773	0.838416	0.329656	2.543305	0.012529	0.049921	1
ENSG0000 response	Inflamed	DUSP10	protein_cc chr1	2.22E+08	2.22E+08	-	3474	251.4535	0	-0.33319	0.131014	-2.54318	0.012533	0.049931	1
ENSG0000 response	Inflamed	PRR7	protein_cc chr5	1.77E+08	1.77E+08	+	1768	99.03341	0	-0.37997	0.149417	-2.54305	0.012537	0.04994	1
ENSG0000 response	Inflamed	PDE6D	protein_cc chr2	2.33E+08	2.33E+08	-	2850	407.4821	0	-0.17816	0.070065	-2.54282	0.012545	0.049964	1
ENSG0000 response	Inflamed	TSNARE1	protein_cc chr8	1.43E+08	1.43E+08	-	4060	454.5036	0	0.302216	0.118855	2.542727	0.012548	0.049969	1
ENSG0000 response	Inflamed	AC007182	antisense chr14	76041231	76045931	-	2159	202.9212	0.016706	0.879589	0.345934	2.54265	0.012551	0.049971	1
ENSG0000 response	Inflamed	CTD-2021I	protein_cc chr12	71441182	71512027	-	565	15.76134	0.078759	0.596051	0.234438	2.542465	0.012557	0.049989	1
ENSG0000 response	Inflamed	CTD-2184I	lincRNA chr15	52408771	52414328	+	874	1.885442	0.572792	0.297788	0.117175	2.541392	0.012593	0.050121	1
ENSG0000 response	Inflamed	WFDC3	protein_cc chr20	44376583	44420571	-	2405	30.52029	0.01432	0.478392	0.188242	2.541364	0.012594	0.050121	1
ENSG0000 response	Inflamed	RP1-283K1	antisense chr6	1.34E+08	1.34E+08	-	631	1.22673	0.725537	0.275373	0.108374	2.540944	0.012608	0.05017	1
ENSG0000 response	Inflamed	WRAP53	protein_cc chr17	7589389	7606820	+	5087	435.5131	0	-0.15629	0.06151	-2.54085	0.012611	0.050173	1
ENSG0000 response	Inflamed	CREB3L2	protein_cc chr7	1.38E+08	1.38E+08	-	8788	6271.921	0	-0.31563	0.124227	-2.54076	0.012615	0.050173	1
ENSG0000 response	Inflamed	TRIP13	protein_cc chr5	892758	919472	+	3560	266.0406	0	-0.31193	0.12277	-2.54076	0.012615	0.050173	1
ENSG0000 response	Inflamed	SP7	protein_cc chr12	53720362	53739099	-	3411	0.887828	0.785203	-0.248	0.097613	-2.54064	0.012619	0.05018	1
ENSG0000 response	Inflamed	MYO5C	protein_cc chr15	52484519	52587995	-	10045	2581.737	0	0.535417	0.21078	2.540169	0.012635	0.050236	1
ENSG0000 response	Inflamed	PAWR	protein_cc chr12	79968759	80084877	-	11668	1788.47	0	0.45846	0.180493	2.540052	0.012639	0.050239	1
ENSG0000 response	Inflamed	DPYSL2	protein_cc chr8	26371791	26515694	+	7052	2892.986	0	-0.34008	0.133886	-2.54004	0.012639	0.050239	1
ENSG0000 response	Inflamed	C22orf43	protein_cc chr22	23950639	23974508	-	1300	15.01671	0.085919	0.480504	0.189182	2.539905	0.012643	0.050246	1
ENSG0000 response	Inflamed	Z95704.4	pseudoger chr4	48991	50018	-	1028	2.727924	0.601432	-0.51244	0.201759	-2.53987	0.012645	0.050246	1
ENSG0000 response	Inflamed	NDST4	protein_cc chr4	1.16E+08	1.16E+08	-	3719	1.797136	0.646778	0.412313	0.162357	2.539554	0.012655	0.050281	1
ENSG0000 response	Inflamed	FLNB	protein_cc chr3	57994127	58157982	+	13956	39791.82	0	0.365217	0.14383	2.539231	0.012666	0.050315	1
ENSG0000 response	Inflamed	ZNF503	protein_cc chr10	77157588	77161664	-	3347	548.5036	0	-0.46063	0.181408	-2.53919	0.012668	0.050315	1
ENSG0000 response	Inflamed	LINC00614	lincRNA chr10	27232252	27233347	-	645	0.792363	0.792363	-0.22837	0.089942	-2.53906	0.012672	0.050319	1
ENSG0000 response	Inflamed	ARF6	protein_cc chr14	50359810	50361490	+	1583	4173.203	0	0.184904	0.072824	2.539051	0.012672	0.050319	1
ENSG0000 response	Inflamed	C9orf47	protein_cc chr9	91605778	91611055	+	5050	14.98807	0.105012	-0.59881	0.235856	-2.53888	0.012678	0.050334	1
ENSG0000 response	Inflamed	ZNF532	protein_cc chr18	56529832	56653712	+	11951	1319.103	0	-0.48998	0.193018	-2.53853	0.01269	0.050373	1
ENSG0000 response	Inflamed	MYL9	protein_cc chr20	35169887	35178228	+	1199	6021.692	0	-0.57354	0.225952	-2.53832	0.012697	0.050388	1
ENSG0000 response	Inflamed	CCDC135	protein_cc chr16	57728705	57765717	+	5151	3.126492	0.408115	-0.42098	0.165849	-2.53831	0.012698	0.050388	1
ENSG0000 response	Inflamed	NROB1	protein_cc chrX	30322323	30327715	-	2203	1.136038	0.739857	-0.32917	0.129694	-2.53807	0.012706	0.050398	1
ENSG0000 response	Inflamed	TNIP1	protein_cc chr5	1.5E+08	1.5E+08	-	6145	11660.5	0	-0.21061	0.08298	-2.53807	0.012706	0.050398	1
ENSG0000 response	Inflamed	F2RL2	protein_cc chr5	75911307	75919259	-	3429	349.2053	0.00716	-0.66162	0.260681	-2.53804	0.012707	0.050398	1
ENSG0000 response	Inflamed	COMT	protein_cc chr22	19929130	19957498	+	5195	1902.943	0	-0.20231	0.079712	-2.53801	0.012708	0.050398	1
ENSG0000 response	Inflamed	CPN2	protein_cc chr3	1.94E+08	1.94E+08	-	3028	2.093079	0.634845	-0.38437	0.15145	-2.53792	0.012711	0.050402	1
ENSG0000 response	Inflamed	C19orf57	protein_cc chr19	13993161	14017265	-	3840	226.6826	0	0.362479	0.142839	2.537674	0.012719	0.050423	1
ENSG0000 response	Inflamed	TENC1	protein_cc chr12	53440753	53458156	+	8093	2900.527	0	-0.40212	0.158463	-2.53765	0.01272	0.050423	1
ENSG0000 response	Inflamed	B3GAT3	protein_cc chr11	62382768	62389647	-	2428	1131.411	0	-0.18551	0.073118	-2.53717	0.012736	0.050475	1

ENSG0000 response	Inflamed	ELMSAN1	protein_cc chr14	74181825	74256988	-	13484	4091.897	0	0.399463	0.157446	2.537136	0.012738	0.050475	1
ENSG0000 response	Inflamed	LINC00883	lincRNA chr3	1.07E+08	1.07E+08	+	4206	40.58473	0.009547	-0.51935	0.204702	-2.5371	0.012739	0.050475	1
ENSG0000 response	Inflamed	ARHGEF35	protein_cc chr7	1.44E+08	1.44E+08	-	2451	314.6301	0.004773	0.510442	0.201211	2.536851	0.012747	0.050502	1
ENSG0000 response	Inflamed	MID2	protein_cc chrX	1.07E+08	1.07E+08	+	3097	119.7399	0.00716	-0.41201	0.162416	-2.53675	0.012751	0.050506	1
ENSG0000 response	Inflamed	C14orf142	protein_cc chr14	93669239	93673439	-	1154	323.0811	0	0.291845	0.115049	2.536709	0.012752	0.050506	1
ENSG0000 response	Inflamed	RP4-555D1	lincRNA chr3	44158791	44163857	+	5067	79.98568	0.057279	-0.90424	0.356478	-2.5366	0.012756	0.050508	1
ENSG0000 response	Inflamed	SEC14L5	protein_cc chr16	5008318	5069159	+	6477	74.39857	0.01432	0.742398	0.292677	2.53658	0.012757	0.050508	1
ENSG0000 response	Inflamed	MPI	protein_cc chr15	75182346	75191798	+	6328	1914.036	0	0.187531	0.073946	2.536052	0.012775	0.050566	1
ENSG0000 response	Inflamed	ITIH6	protein_cc chrX	54775332	54824673	-	5497	2.384248	0.527446	0.446817	0.176187	2.536034	0.012775	0.050566	1
ENSG0000 response	Inflamed	LRFN5	protein_cc chr14	42076773	42373752	+	6140	50.24344	0.050119	-0.57885	0.228262	-2.53591	0.012779	0.050575	1
ENSG0000 response	Inflamed	DZIP1L	protein_cc chr3	1.38E+08	1.38E+08	-	5045	120.031	0.002387	-0.49701	0.196018	-2.53554	0.012792	0.050619	1
ENSG0000 response	Inflamed	RP11-82L1	sense_intr chr9	91703519	91724849	-	1038	13.40334	0.100239	-0.62801	0.247695	-2.53541	0.012797	0.050622	1
ENSG0000 response	Inflamed	HIF1A-AS1	lincRNA chr14	62147759	62162541	-	652	3.193317	0.446301	-0.43913	0.1732	-2.5354	0.012797	0.050622	1
ENSG0000 response	Inflamed	TCF19	protein_cc chr6	31126319	31134936	+	3538	1050.351	0	-0.23609	0.093124	-2.53519	0.012804	0.050642	1
ENSG0000 response	Inflamed	SEMA5A	protein_cc chr5	9035138	9546187	-	12097	2079.568	0	0.449396	0.177267	2.535132	0.012806	0.050643	1
ENSG0000 response	Inflamed	CHST7	protein_cc chrX	46433219	46457843	+	2289	177.6993	0	-0.30505	0.120337	-2.53499	0.012811	0.050652	1
ENSG0000 response	Inflamed	B3GNTL1	protein_cc chr17	80900031	81009686	-	6891	210.8353	0	-0.28004	0.110469	-2.53496	0.012812	0.050652	1
ENSG0000 response	Inflamed	CAMTA1	protein_cc chr1	6845384	7829766	+	10033	786.2482	0	0.158865	0.062674	2.534767	0.012819	0.05067	1
ENSG0000 response	Inflamed	CARD10	protein_cc chr22	37886400	37915549	-	5652	3842.68	0	0.339868	0.134095	2.534544	0.012826	0.050692	1
ENSG0000 response	Inflamed	BTBD19	protein_cc chr1	45274154	45281257	+	3520	285.1193	0.002387	-0.54139	0.213622	-2.53431	0.012834	0.050716	1
ENSG0000 response	Inflamed	CASR	protein_cc chr3	1.22E+08	1.22E+08	+	5390	26.54893	0.02864	0.530176	0.209222	2.534038	0.012844	0.050746	1
ENSG0000 response	Inflamed	SLC25A4	protein_cc chr4	1.86E+08	1.86E+08	+	4844	840.3604	0	0.210299	0.082995	2.533882	0.012849	0.050756	1
ENSG0000 response	Inflamed	HCCS	protein_cc chrX	11129421	11141198	+	2335	869.9594	0	0.198148	0.078202	2.533808	0.012852	0.050756	1
ENSG0000 response	Inflamed	FOXE3	protein_cc chr1	47881744	47883723	+	1980	9.300716	0.124105	0.420563	0.165982	2.533792	0.012852	0.050756	1
ENSG0000 response	Inflamed	RP11-359E	antisense chr10	88509511	88516055	-	6545	88.53461	0.00716	0.386952	0.152727	2.533615	0.012858	0.050773	1
ENSG0000 response	Inflamed	LINGO2	protein_cc chr9	27948076	28670283	-	3590	1.73747	0.634845	-0.37342	0.147388	-2.53355	0.01286	0.050774	1
ENSG0000 response	Inflamed	UNC5B-AS	antisense chr10	72976981	72977985	-	707	6.334129	0.157518	0.498173	0.196642	2.533403	0.012866	0.050786	1
ENSG0000 response	Inflamed	ASAP2	protein_cc chr2	9346894	9545812	+	7248	2953.921	0	0.428519	0.169165	2.533142	0.012875	0.050812	1
ENSG0000 response	Inflamed	TFEB	protein_cc chr6	41651716	41703997	-	5648	1184.549	0	-0.22571	0.089104	-2.5331	0.012876	0.050812	1
ENSG0000 response	Inflamed	LINC00322	lincRNA chr21	44742297	44751919	-	699	0.849642	0.782816	-0.30695	0.121202	-2.53254	0.012895	0.050871	1
ENSG0000 response	Inflamed	CALHM3	protein_cc chr10	1.05E+08	1.05E+08	-	1652	3.713604	0.498807	-0.47289	0.186729	-2.53252	0.012896	0.050871	1
ENSG0000 response	Inflamed	FKBP2	protein_cc chr11	64008475	64011604	+	1608	2135.511	0	-0.24648	0.097326	-2.5325	0.012897	0.050871	1
ENSG0000 response	Inflamed	KRT8P8	pseudoger chrX	1.52E+08	1.52E+08	+	1448	4.637232	0.229117	0.35138	0.138759	2.532302	0.012904	0.05089	1
ENSG0000 response	Inflamed	NUDT12	protein_cc chr5	1.03E+08	1.03E+08	-	4304	432.8425	0	0.484516	0.191342	2.532198	0.012907	0.050897	1
ENSG0000 response	Inflamed	CCDC39	protein_cc chr3	1.8E+08	1.81E+08	-	7695	7.334129	0.260143	-0.53706	0.212118	-2.5319	0.012917	0.050929	1
ENSG0000 response	Inflamed	POMGNT1	protein_cc chr1	46654354	46685977	-	6366	1599.847	0	-0.21	0.082947	-2.53178	0.012922	0.050939	1
ENSG0000 response	Inflamed	LRR1	protein_cc chr14	50065415	50081390	+	2359	442.7279	0	0.259928	0.102676	2.531529	0.01293	0.050965	1
ENSG0000 response	Inflamed	TTC16	protein_cc chr9	1.3E+08	1.3E+08	+	6370	18.66587	0.062053	-0.57226	0.226072	-2.5313	0.012938	0.050988	1
ENSG0000 response	Inflamed	SLC25A15	pseudoger chr13	25517713	25518636	+	290	2.097852	0.696897	0.279217	0.110321	2.530961	0.01295	0.051027	1
ENSG0000 response	Inflamed	POU5F1	protein_cc chr6	31132119	31148508	-	2876	180.0549	0	0.625325	0.247098	2.530673	0.01296	0.051059	1

ENSG0000 response	Inflamed	LYPLA2	protein_cc chr1	24117460	24122029	+	2196	3313.499	0	0.175294	0.069271	2.530559	0.012964	0.051067	1
ENSG0000 response	Inflamed	TAS2R38	protein_cc chr7	1.42E+08	1.42E+08	-	1143	3.011933	0.529833	0.424178	0.167635	2.530365	0.012971	0.051079	1
ENSG0000 response	Inflamed	FAM13C	protein_cc chr10	61005890	61122939	-	6750	162.4797	0.00716	-0.64685	0.255636	-2.53036	0.012971	0.051079	1
ENSG0000 response	Inflamed	KCNMB3	protein_cc chr3	1.79E+08	1.79E+08	-	3234	40.47017	0.00716	-0.48025	0.189909	-2.52887	0.013022	0.051275	1
ENSG0000 response	Inflamed	HOOK1	protein_cc chr1	60280458	60342050	+	6845	1103.988	0	0.602539	0.238323	2.528252	0.013044	0.051352	1
ENSG0000 response	Inflamed	PTPRH	protein_cc chr19	55692616	55720874	-	4344	7425.9	0	0.548514	0.21697	2.528061	0.013051	0.05137	1
ENSG0000 response	Inflamed	LINC00543	lincRNA chr13	28527663	28529507	+	1845	183.7947	0.00716	0.41902	0.165774	2.527652	0.013065	0.051412	1
ENSG0000 response	Inflamed	RP11-466C	pseudoger chr11	63602139	63602415	-	277	2.653938	0.420048	-0.30988	0.122597	-2.52765	0.013065	0.051412	1
ENSG0000 response	Inflamed	RP5-1157H	antisense chr3	52273274	52275113	+	1101	8.093079	0.090692	-0.43374	0.171607	-2.52752	0.013069	0.051421	1
ENSG0000 response	Inflamed	CHCHD3	protein_cc chr7	1.32E+08	1.33E+08	-	3718	1544.305	0	0.197404	0.078105	2.527414	0.013073	0.051422	1
ENSG0000 response	Inflamed	FOXP1-IT1	sense_intr chr3	71619406	71623608	-	3539	3.040573	0.386635	0.385541	0.152544	2.527401	0.013074	0.051422	1
ENSG0000 response	Inflamed	TUBB8	protein_cc chr10	92828	120103	-	2856	1.916468	0.692124	0.304772	0.120592	2.5273	0.013077	0.051429	1
ENSG0000 response	Inflamed	TRAV22	TR_V_gen chr14	22538820	22539471	+	464	6.033413	0.167064	-0.39446	0.156085	-2.52724	0.013079	0.051429	1
ENSG0000 response	Inflamed	GPR12	protein_cc chr13	27329341	27334922	-	5294	2.658711	0.556086	0.472954	0.187149	2.527148	0.013082	0.051434	1
ENSG0000 response	Inflamed	ZNF831	protein_cc chr20	57766075	57834168	+	9404	225.7947	0.009547	-0.57797	0.228725	-2.52692	0.01309	0.051456	1
ENSG0000 response	Inflamed	GDPD2	protein_cc chrX	69642881	69653240	+	2638	515.4439	0.011933	0.808771	0.320068	2.526876	0.013092	0.051456	1
ENSG0000 response	Inflamed	F2RL3	protein_cc chr19	16999671	17003417	+	3473	366.148	0	-0.48709	0.192773	-2.52677	0.013096	0.051461	1
ENSG0000 response	Inflamed	IGSF8	protein_cc chr1	1.6E+08	1.6E+08	-	2562	2611.909	0	0.256025	0.101328	2.526696	0.013098	0.051461	1
ENSG0000 response	Inflamed	PTPRE	protein_cc chr10	1.3E+08	1.3E+08	+	11299	2140.912	0	-0.35428	0.140218	-2.52663	0.0131	0.051461	1
ENSG0000 response	Inflamed	LYPLA2P1	pseudoger chr6	33333325	33334020	-	696	3.389021	0.243437	0.283522	0.112214	2.526615	0.013101	0.051461	1
ENSG0000 response	Inflamed	RP11-676J	antisense chr17	692984	693765	-	486	2.23389	0.551313	-0.41053	0.162503	-2.52631	0.013112	0.051495	1
ENSG0000 response	Inflamed	RP11-86H	lincRNA chr1	95086707	95089740	-	2272	61.39857	0.004773	0.329871	0.130581	2.526184	0.013116	0.051505	1
ENSG0000 response	Inflamed	LINC00264	lincRNA chr10	26878794	26883253	+	1085	4.119332	0.312649	-0.41998	0.166255	-2.52612	0.013119	0.051507	1
ENSG0000 response	Inflamed	ASCL2	protein_cc chr11	2289725	2292182	-	1852	431.253	0	0.483638	0.191499	2.525542	0.013139	0.051571	1
ENSG0000 response	Inflamed	ENDOG	protein_cc chr9	1.32E+08	1.32E+08	+	1172	618.2339	0	0.249713	0.098875	2.525538	0.013139	0.051571	1
ENSG0000 response	Inflamed	PGPEP1	protein_cc chr19	18451397	18480760	+	7520	3649.499	0	0.223341	0.088435	2.525484	0.013141	0.051571	1
ENSG0000 response	Inflamed	TMEM17	protein_cc chr2	62727356	62739029	-	2982	26.14558	0.011933	-0.36882	0.146048	-2.5253	0.013147	0.051588	1
ENSG0000 response	Inflamed	SYNE4	protein_cc chr19	36494209	36499695	-	2528	153.9332	0	0.476108	0.188541	2.525222	0.01315	0.051591	1
ENSG0000 response	Inflamed	NIN	protein_cc chr14	51186481	51297839	-	13683	1135.442	0	-0.48062	0.19036	-2.52478	0.013165	0.05162	1
ENSG0000 response	Inflamed	AC007285	antisense chr7	30028216	30065276	+	953	2.107399	0.486874	-0.33219	0.131571	-2.52478	0.013166	0.05162	1
ENSG0000 response	Inflamed	SRL	protein_cc chr16	4239375	4292081	-	5702	53.67303	0.019093	-0.54374	0.215363	-2.52475	0.013167	0.05162	1
ENSG0000 response	Inflamed	RP11-285E	lincRNA chr17	75260262	75260858	-	597	3.252983	0.362768	0.395132	0.156504	2.524741	0.013167	0.05162	1
ENSG0000 response	Inflamed	MID1IP1-A	antisense chrX	38660821	38663136	-	376	1.914081	0.484487	0.285745	0.113178	2.524731	0.013167	0.05162	1
ENSG0000 response	Inflamed	RP11-119E	antisense chr20	3868886	3869515	-	441	12.59666	0.011933	-0.314	0.124383	-2.52445	0.013177	0.051652	1
ENSG0000 response	Inflamed	EPHB2	protein_cc chr1	23037332	23241818	+	6341	5920.563	0	0.361556	0.143248	2.523975	0.013194	0.051709	1
ENSG0000 response	Inflamed	RP11-589H	sense_intr chr8	11703663	11703900	-	238	28.31981	0.01432	-0.37994	0.150545	-2.52379	0.0132	0.051727	1
ENSG0000 response	Inflamed	TRAV35	TR_V_gen chr14	22689792	22690371	+	330	4.341289	0.274463	-0.3909	0.154892	-2.52369	0.013204	0.051731	1
ENSG0000 response	Inflamed	GPNMB	protein_cc chr7	23275586	23314727	+	5956	3743.723	0	-0.39759	0.157546	-2.52365	0.013205	0.051731	1
ENSG0000 response	Inflamed	MIR503HC	lincRNA chrX	1.34E+08	1.34E+08	-	1757	60.21957	0.004773	-0.56744	0.224872	-2.52337	0.013215	0.051762	1
ENSG0000 response	Inflamed	RP11-848C	pseudoger chr5	68902926	68919876	+	1073	2.556086	0.403341	-0.35059	0.138954	-2.52303	0.013227	0.051802	1

ENSG0000 response	Inflamed	TRAV2	TR_V_gene	chr14	22180544	22181066	+	348	9.28401	0.126492	-0.45	0.178381	-2.5227	0.013239	0.051839	1
ENSG0000 response	Inflamed	CLCN7	protein_cc	chr16	1494935	1525581	-	8119	3539.026	0	-0.27221	0.107915	-2.52243	0.013248	0.051869	1
ENSG0000 response	Inflamed	RP11-64D1	pseudoger	chr3	1.51E+08	1.52E+08	+	2012	33.99523	0.01432	0.529729	0.210022	2.522259	0.013254	0.051885	1
ENSG0000 response	Inflamed	ADAMTS1	protein_cc	chr16	77281710	77469011	-	6678	18.77088	0.090692	-0.71292	0.282732	-2.52155	0.013279	0.051975	1
ENSG0000 response	Inflamed	FAM228A	protein_cc	chr2	24397938	24423718	+	2265	4.420048	0.295943	-0.38701	0.153483	-2.52149	0.013282	0.051976	1
ENSG0000 response	Inflamed	RP11-58B1	lincRNA	chr3	9540045	9541253	-	1209	6.128878	0.341289	0.579081	0.229683	2.521221	0.013291	0.052005	1
ENSG0000 response	Inflamed	SLC45A1	protein_cc	chr1	8377886	8404227	+	2888	55.30072	0	-0.42811	0.169813	-2.52104	0.013297	0.052022	1
ENSG0000 response	Inflamed	C22orf15	protein_cc	chr22	24105208	24108048	+	2086	5.677804	0.21957	-0.49393	0.195957	-2.52062	0.013312	0.052073	1
ENSG0000 response	Inflamed	RP1-86D1	sense_intr	chr6	1.29E+08	1.29E+08	-	1828	0.761337	0.799523	0.271419	0.107691	2.520349	0.013322	0.052103	1
ENSG0000 response	Inflamed	TAF6	protein_cc	chr7	99704693	99717464	-	4086	1879.334	0	-0.21617	0.085784	-2.5199	0.013338	0.052157	1
ENSG0000 response	Inflamed	HTATIP2	protein_cc	chr11	20385231	20405329	+	2797	2534.749	0	0.267349	0.106102	2.519744	0.013344	0.052172	1
ENSG0000 response	Inflamed	C2ORF15	protein_cc	chr2	99757948	99767950	+	2098	37.69928	0.002387	0.362406	0.143842	2.519478	0.013353	0.052201	1
ENSG0000 response	Inflamed	RP4-625H1	lincRNA	chr6	19802395	19804983	-	2301	10.91169	0.121718	-0.47504	0.188626	-2.51842	0.013391	0.052341	1
ENSG0000 response	Inflamed	CALM2	protein_cc	chr2	47387221	47403740	-	6466	11290.17	0	0.256726	0.101954	2.518056	0.013404	0.052383	1
ENSG0000 response	Inflamed	AC004840	lincRNA	chr7	2477398	2487485	+	2067	122.2697	0.009547	-0.35918	0.142652	-2.51784	0.013412	0.052398	1
ENSG0000 response	Inflamed	WNT5B	protein_cc	chr12	1639057	1756409	+	4305	597.2053	0	-0.39052	0.15511	-2.5177	0.013416	0.052398	1
ENSG0000 response	Inflamed	WASF1	protein_cc	chr6	1.1E+08	1.11E+08	-	3260	137.9976	0.011933	-0.43997	0.17475	-2.5177	0.013416	0.052398	1
ENSG0000 response	Inflamed	LRRC20	protein_cc	chr10	72058729	72142382	-	3547	379.8759	0	-0.27984	0.111149	-2.5177	0.013416	0.052398	1
ENSG0000 response	Inflamed	C7orf10	protein_cc	chr7	40174575	40900362	+	3590	141.8998	0	0.390699	0.155183	2.517671	0.013417	0.052398	1
ENSG0000 response	Inflamed	MPZL2	protein_cc	chr11	1.18E+08	1.18E+08	-	4753	1516.184	0	0.370837	0.147307	2.51744	0.013426	0.052412	1
ENSG0000 response	Inflamed	AC006129	lincRNA	chr19	42037566	42038534	+	969	6.625298	0.205251	-0.47109	0.187132	-2.51744	0.013426	0.052412	1
ENSG0000 response	Inflamed	YAP1P1	pseudoger	chr6	1.48E+08	1.48E+08	+	1393	5.026253	0.25537	0.462578	0.183752	2.517407	0.013427	0.052412	1
ENSG0000 response	Inflamed	TCTA	protein_cc	chr3	49449639	49453908	+	2747	1610.317	0	0.154259	0.061282	2.517195	0.013434	0.052433	1
ENSG0000 response	Inflamed	SIPA1L3	protein_cc	chr19	38397868	38699012	+	10335	6235.675	0	0.363442	0.144392	2.517058	0.013439	0.052445	1
ENSG0000 response	Inflamed	BTNL3	protein_cc	chr5	1.8E+08	1.8E+08	+	2440	2489.465	0.004773	0.76024	0.302043	2.516991	0.013442	0.052446	1
ENSG0000 response	Inflamed	RP11-707F	antisense	chr15	51749483	51752779	+	1263	1.926014	0.720764	0.439691	0.174698	2.516864	0.013446	0.052456	1
ENSG0000 response	Inflamed	AC027612	pseudoger	chr2	91924752	91955465	+	2395	11.0358	0.102625	0.561329	0.223037	2.516755	0.01345	0.052464	1
ENSG0000 response	Inflamed	CLEC4F	protein_cc	chr2	71035775	71047732	-	2475	29.57279	0.042959	0.638609	0.253761	2.516578	0.013457	0.052481	1
ENSG0000 response	Inflamed	LMAN1	protein_cc	chr18	56995055	57027194	-	6767	3266.845	0	-0.43551	0.173061	-2.51651	0.013459	0.052482	1
ENSG0000 response	Inflamed	AC016735	lincRNA	chr2	43228495	43233200	-	237	11.65155	0.02148	0.421489	0.167521	2.516043	0.013476	0.05254	1
ENSG0000 response	Inflamed	MYL12B	protein_cc	chr18	3261907	3278282	+	1761	12712.39	0	0.270433	0.107497	2.515728	0.013487	0.052576	1
ENSG0000 response	Inflamed	AP000525	processed	chr22	16147979	16193004	-	5545	11.06921	0.164678	-0.54652	0.217281	-2.51526	0.013504	0.052634	1
ENSG0000 response	Inflamed	PMP2	protein_cc	chr8	82352561	82359758	-	3608	17.43198	0.093079	0.668292	0.265734	2.514894	0.013517	0.052678	1
ENSG0000 response	Inflamed	SYNDIG1	protein_cc	chr20	24449835	24647252	+	2847	106.8998	0	-0.4124	0.163989	-2.51482	0.01352	0.052681	1
ENSG0000 response	Inflamed	LAMC1	protein_cc	chr1	1.83E+08	1.83E+08	+	8406	7800.95	0	-0.46661	0.185551	-2.51474	0.013523	0.052684	1
ENSG0000 response	Inflamed	MLPH	protein_cc	chr2	2.38E+08	2.38E+08	+	7514	4384.217	0	0.363545	0.144571	2.514649	0.013526	0.052689	1
ENSG0000 response	Inflamed	HSP90B1	protein_cc	chr12	1.04E+08	1.04E+08	+	4688	23889.15	0	-0.39473	0.15699	-2.51439	0.013535	0.052713	1
ENSG0000 response	Inflamed	CFTR	protein_cc	chr7	1.17E+08	1.17E+08	+	8099	3393.057	0.004773	0.76952	0.30605	2.514361	0.013536	0.052713	1
ENSG0000 response	Inflamed	RNF216	protein_cc	chr7	5659678	5821370	-	7619	1663.038	0	-0.24957	0.09926	-2.51425	0.01354	0.052717	1
ENSG0000 response	Inflamed	RP11-497E	lincRNA	chr14	85991477	85996332	-	1747	3.198091	0.393795	-0.45875	0.182464	-2.51417	0.013543	0.052717	1

ENSG0000 response	Inflamed	LCN15	protein_cc chr9	1.4E+08	1.4E+08	-	2887	28.99523	0.126492	0.698017	0.277637	2.514133	0.013544	0.052717	1
ENSG0000 response	Inflamed	CTD-2012	antisense chr16	67572460	67574009	-	530	1.923628	0.568019	-0.35338	0.140559	-2.51411	0.013545	0.052717	1
ENSG0000 response	Inflamed	RAB3B	protein_cc chr1	52373628	52456436	-	12844	487.7876	0	0.5282	0.210122	2.513778	0.013557	0.052756	1
ENSG0000 response	Inflamed	CTD-3247	sense_ove chr8	22536526	22541522	-	4997	7.990453	0.398568	-0.66547	0.264744	-2.51362	0.013563	0.05277	1
ENSG0000 response	Inflamed	SCN9A	protein_cc chr2	1.67E+08	1.67E+08	-	10368	188.4272	0	0.614645	0.244601	2.512846	0.013591	0.052872	1
ENSG0000 response	Inflamed	NCKIPSD	protein_cc chr3	48701364	48723797	-	3635	1304.399	0	0.211021	0.083987	2.512535	0.013602	0.052907	1
ENSG0000 response	Inflamed	DYNC2H1	protein_cc chr11	1.03E+08	1.03E+08	+	14284	112.506	0.004773	-0.52222	0.207871	-2.51224	0.013613	0.052942	1
ENSG0000 response	Inflamed	TBCB	protein_cc chr19	36605191	36616849	+	3326	1273.549	0	-0.17121	0.068159	-2.51194	0.013624	0.052972	1
ENSG0000 response	Inflamed	TLR4	protein_cc chr9	1.2E+08	1.2E+08	+	5256	961.969	0	-0.55493	0.220919	-2.51191	0.013625	0.052972	1
ENSG0000 response	Inflamed	CTB-13H5	pseudoger chr5	1.49E+08	1.49E+08	+	760	34.86158	0	0.310094	0.123463	2.511644	0.013634	0.053002	1
ENSG0000 response	Inflamed	USP43	protein_cc chr17	9548015	9633008	+	5068	753.6492	0	0.339247	0.135097	2.511144	0.013653	0.053064	1
ENSG0000 response	Inflamed	VLDLR	protein_cc chr9	2621834	2660053	+	9339	252.7685	0	0.506541	0.201739	2.510875	0.013662	0.053091	1
ENSG0000 response	Inflamed	B4GALNT3	protein_cc chr12	569530	672675	+	6357	8078.938	0	0.563631	0.224479	2.510844	0.013663	0.053091	1
ENSG0000 response	Inflamed	RP11-74C1	pseudoger chr1	1.52E+08	1.52E+08	+	495	10.83294	0.026253	0.35724	0.142284	2.510757	0.013667	0.053095	1
ENSG0000 response	Inflamed	AC005954	sense_intr chr19	3754618	3756657	-	337	5.577566	0.159905	-0.38395	0.152954	-2.51025	0.013685	0.053157	1
ENSG0000 response	Inflamed	SLC35A4	protein_cc chr5	1.4E+08	1.4E+08	+	4023	5692.041	0	0.135238	0.053875	2.510208	0.013687	0.053157	1
ENSG0000 response	Inflamed	RP11-239	antisense chr6	20212318	20317970	+	380	0.973747	0.74463	0.228996	0.091233	2.51	0.013694	0.053179	1
ENSG0000 response	Inflamed	CD207	protein_cc chr2	71057347	71062952	-	1867	41.24344	0.02148	0.596833	0.237846	2.509325	0.013719	0.053266	1
ENSG0000 response	Inflamed	SPAG5-AS	processed_chr17	26925808	26944393	+	3833	31.96659	0.00716	-0.44652	0.177955	-2.50916	0.013725	0.053282	1
ENSG0000 response	Inflamed	TFPI2	protein_cc chr7	93514709	93520303	-	2663	559.2768	0.009547	-0.99689	0.397315	-2.50907	0.013728	0.053283	1
ENSG0000 response	Inflamed	TNFAIP3	protein_cc chr6	1.38E+08	1.38E+08	+	5023	3569.606	0	-0.45946	0.18312	-2.50904	0.013729	0.053283	1
ENSG0000 response	Inflamed	KDM5D	protein_cc chrY	21865751	21906825	-	9463	1747.635	0.300716	-0.32402	0.129154	-2.50876	0.013739	0.053314	1
ENSG0000 response	Inflamed	CHMP2A	protein_cc chr19	59062933	59066491	-	2129	3657.606	0	0.198546	0.079148	2.50854	0.013747	0.053338	1
ENSG0000 response	Inflamed	MVP	protein_cc chr16	29831715	29859355	+	6136	28619.84	0	0.245155	0.097745	2.508119	0.013763	0.053339	1
ENSG0000 response	Inflamed	GRHL1	protein_cc chr2	10085341	10142411	+	8008	128.9833	0.00716	-0.58863	0.234705	-2.50796	0.013769	0.053405	1
ENSG0000 response	Inflamed	C11orf95	lincRNA chr11	63527364	63536113	-	5745	770.5418	0	-0.36641	0.146106	-2.50782	0.013774	0.053417	1
ENSG0000 response	Inflamed	RP11-299	lincRNA chr2	1.02E+08	1.02E+08	+	2476	23.36516	0.019093	0.370528	0.147772	2.507436	0.013788	0.053463	1
ENSG0000 response	Inflamed	PI16	protein_cc chr6	36922209	36932613	+	2190	44.35322	0.038186	-0.71193	0.283938	-2.50735	0.013791	0.053468	1
ENSG0000 response	Inflamed	SEMA6D	protein_cc chr15	47476298	48066420	+	8560	1519.795	0	0.537765	0.214522	2.506804	0.013811	0.053537	1
ENSG0000 response	Inflamed	AC104809	protein_cc chr2	2.42E+08	2.42E+08	+	5288	14.83294	0.081146	-0.54347	0.21681	-2.50669	0.013815	0.053546	1
ENSG0000 response	Inflamed	TTC28	protein_cc chr22	28374004	29075853	-	12641	1093.981	0	-0.3777	0.150682	-2.50658	0.013819	0.053553	1
ENSG0000 response	Inflamed	UBD	protein_cc chr6	29523292	29527702	-	1087	64.54893	0.090692	-0.80732	0.322123	-2.50626	0.013831	0.053591	1
ENSG0000 response	Inflamed	C19orf40	protein_cc chr19	33463115	33469128	+	2370	56.34606	0	-0.26844	0.107125	-2.50589	0.013844	0.053632	1
ENSG0000 response	Inflamed	KDELCP1	pseudoger chr5	1.27E+08	1.27E+08	+	1509	1.801909	0.546539	0.371882	0.148405	2.50586	0.013846	0.053632	1
ENSG0000 response	Inflamed	TMEM102	protein_cc chr17	7338762	7340998	+	2129	775.0191	0	0.190021	0.075843	2.505461	0.01386	0.053681	1
ENSG0000 response	Inflamed	RP5-1024	antisense chr1	53704282	53708455	+	1181	12.9284	0.00716	-0.28606	0.114182	-2.50529	0.013867	0.053698	1
ENSG0000 response	Inflamed	KLHDC8A	protein_cc chr1	2.05E+08	2.05E+08	-	3624	24.30549	0.01432	-0.47196	0.188395	-2.50517	0.013871	0.053706	1
ENSG0000 response	Inflamed	MGAT4A	protein_cc chr2	99235569	99347589	-	9630	3094.074	0	0.465786	0.185971	2.504612	0.013892	0.053779	1
ENSG0000 response	Inflamed	NAPEPLD	protein_cc chr7	1.03E+08	1.03E+08	-	7561	1040.384	0	0.5196	0.207491	2.504202	0.013907	0.053828	1
ENSG0000 response	Inflamed	ATP10A	protein_cc chr15	25922420	26110317	-	8406	275.5656	0	-0.36863	0.147207	-2.50415	0.013909	0.053828	1

ENSG0000 response	Inflamed	LINC00311	lincRNA	chr16	85316564	85319569	+	1566	1.50358	0.613365	-0.32184	0.128531	-2.50396	0.013916	0.053849	1
ENSG0000 response	Inflamed	TLR12P	pseudoger	chr1	33931850	33934555	+	2706	2.210024	0.51074	0.341193	0.136274	2.503731	0.013924	0.053873	1
ENSG0000 response	Inflamed	RP11-378J	antisense	chr1	2.23E+08	2.23E+08	-	2646	11.26253	0.085919	-0.47548	0.189925	-2.50351	0.013932	0.053896	1
ENSG0000 response	Inflamed	BACH2	protein_cc	chr6	90636248	91006627	-	9786	215.7494	0.01432	-0.75849	0.302979	-2.50345	0.013934	0.053897	1
ENSG0000 response	Inflamed	VPS18	protein_cc	chr15	41186628	41196173	+	4049	1642.093	0	-0.2405	0.096097	-2.50273	0.013961	0.053993	1
ENSG0000 response	Inflamed	ENPP7	protein_cc	chr17	77704681	77716021	+	3549	25.67303	0.217184	-0.51038	0.204002	-2.50185	0.013994	0.054111	1
ENSG0000 response	Inflamed	C15orf57	protein_cc	chr15	40820882	40857256	-	8648	726.8401	0	-0.20907	0.08358	-2.50145	0.014009	0.05416	1
ENSG0000 response	Inflamed	RP11-375I	antisense	chr1	1.66E+08	1.66E+08	+	594	4.768496	0.24821	0.434192	0.173581	2.501384	0.014011	0.054161	1
ENSG0000 response	Inflamed	MAVS	protein_cc	chr20	3827487	3849280	+	4240	5028.788	0	0.2766	0.110583	2.501283	0.014015	0.054168	1
ENSG0000 response	Inflamed	SLFN12	protein_cc	chr17	33738079	33760302	-	3560	127.8831	0.004773	-0.55284	0.221051	-2.50097	0.014026	0.0542	1
ENSG0000 response	Inflamed	GZMK	protein_cc	chr5	54320081	54330398	+	1570	154.8019	0	-0.5107	0.204203	-2.50095	0.014027	0.0542	1
ENSG0000 response	Inflamed	C17orf97	protein_cc	chr17	260118	273510	+	2505	256.0883	0	0.291717	0.116649	2.500817	0.014032	0.054211	1
ENSG0000 response	Inflamed	HIP1R	protein_cc	chr12	1.23E+08	1.23E+08	+	7102	3579.212	0	0.279265	0.111676	2.500678	0.014037	0.054223	1
ENSG0000 response	Inflamed	SCARNA18	snoRNA	chr18	47340731	47340813	+	83	1.980907	0.47494	0.266386	0.106528	2.500615	0.01404	0.054224	1
ENSG0000 response	Inflamed	AOAH	protein_cc	chr7	36552456	36764154	-	3609	924.3747	0	-0.25459	0.101841	-2.49991	0.014066	0.054318	1
ENSG0000 response	Inflamed	TFPT	protein_cc	chr19	54610320	54619055	-	1240	400.5728	0	-0.16398	0.065597	-2.49977	0.014071	0.05433	1
ENSG0000 response	Inflamed	HPX	protein_cc	chr11	6452279	6463847	-	3631	58.3031	0.00716	0.508448	0.203403	2.499707	0.014074	0.054331	1
ENSG0000 response	Inflamed	ADAMTS1	antisense	chr5	1.29E+08	1.29E+08	-	786	1.377088	0.656325	0.263683	0.105491	2.499585	0.014078	0.05434	1
ENSG0000 response	Inflamed	FAM32A	protein_cc	chr19	16296191	16302857	+	1921	2593.516	0	0.163658	0.065476	2.499511	0.014081	0.054343	1
ENSG0000 response	Inflamed	RP11-550A	antisense	chr8	1.26E+08	1.26E+08	-	722	2.601432	0.494033	0.430941	0.172442	2.499044	0.014098	0.054402	1
ENSG0000 response	Inflamed	WDYHV1	protein_cc	chr8	1.24E+08	1.24E+08	+	2132	186.7804	0	-0.18823	0.075325	-2.49895	0.014102	0.054408	1
ENSG0000 response	Inflamed	RP5-821D	antisense	chr22	42227219	42230669	-	2989	5.494033	0.119332	0.31067	0.124365	2.498056	0.014135	0.054529	1
ENSG0000 response	Inflamed	BIRC3	protein_cc	chr11	1.02E+08	1.02E+08	+	7484	2899.189	0	-0.66226	0.265181	-2.49739	0.01416	0.054617	1
ENSG0000 response	Inflamed	ARV1	protein_cc	chr1	2.31E+08	2.31E+08	+	1987	563.3842	0	0.271297	0.108639	2.497232	0.014166	0.054632	1
ENSG0000 response	Inflamed	LEFTY1	protein_cc	chr1	2.26E+08	2.26E+08	-	1891	2390.809	0.002387	0.878841	0.351946	2.497091	0.014171	0.054645	1
ENSG0000 response	Inflamed	NDUFA6	protein_cc	chr22	42481529	42486959	-	1416	1734.924	0	0.262429	0.105117	2.496531	0.014192	0.054718	1
ENSG0000 response	Inflamed	SULT1B1	protein_cc	chr4	70586880	70653679	-	7356	6653.981	0	0.555662	0.222609	2.496132	0.014207	0.054768	1
ENSG0000 response	Inflamed	ARHGEF38	sense_intr	chr4	1.06E+08	1.06E+08	+	456	1.610979	0.603819	0.339487	0.136056	2.495205	0.014242	0.054894	1
ENSG0000 response	Inflamed	MRAP2	protein_cc	chr6	84743475	84800600	+	2153	475.9952	0	0.507725	0.203496	2.495008	0.01425	0.054915	1
ENSG0000 response	Inflamed	ZNF20	protein_cc	chr19	12203658	12251222	-	4148	16.1599	0.00716	0.290604	0.116482	2.494841	0.014256	0.054931	1
ENSG0000 response	Inflamed	PSMD9	protein_cc	chr12	1.22E+08	1.22E+08	+	8778	416.4821	0	-0.11297	0.045292	-2.49418	0.014281	0.055018	1
ENSG0000 response	Inflamed	RNF39	protein_cc	chr6	30038043	30043664	-	2206	94.31504	0.004773	0.60654	0.243288	2.493096	0.014322	0.055165	1
ENSG0000 response	Inflamed	CTD-2083f	sense_ove	chr5	195893	196456	+	564	2.859189	0.369928	-0.40457	0.16228	-2.49307	0.014323	0.055165	1
ENSG0000 response	Inflamed	SBDS	protein_cc	chr7	66452664	66460588	-	1732	3000.136	0	0.268614	0.107756	2.492789	0.014334	0.055198	1
ENSG0000 response	Inflamed	STEAP2	protein_cc	chr7	89796904	89867451	+	8715	821.6659	0	-0.49591	0.198947	-2.4927	0.014337	0.055202	1
ENSG0000 response	Inflamed	COLEC10	protein_cc	chr8	1.2E+08	1.2E+08	+	1670	13.48687	0.140811	-0.64012	0.256813	-2.49254	0.014343	0.055218	1
ENSG0000 response	Inflamed	RRP1	protein_cc	chr21	45209394	45225174	+	4251	841.1718	0	-0.20654	0.082879	-2.492	0.014364	0.055289	1
ENSG0000 response	Inflamed	RP11-15B1	antisense	chr4	1.01E+08	1.01E+08	+	1714	1.367542	0.682578	-0.30974	0.1243	-2.49191	0.014367	0.055293	1
ENSG0000 response	Inflamed	BNIP3P1	pseudoger	chr14	28733596	28735180	+	1585	0.952267	0.787589	-0.25355	0.101754	-2.49178	0.014372	0.055305	1
ENSG0000 response	Inflamed	AK2	protein_cc	chr1	33473585	33546597	-	5683	4018.243	0	0.206934	0.08305	2.491681	0.014376	0.055311	1

ENSG0000 response	Inflamed	RP11-756F	pseudoger chr4	1.9E+08	1.9E+08 +	1143	10.5537	0.057279	0.374778	0.150439	2.491232	0.014393	0.055369	1
ENSG0000 response	Inflamed	DSC2	protein_cc chr18	28645940	28682378 -	5237	7929.177	0	0.507473	0.203712	2.491127	0.014397	0.055376	1
ENSG0000 response	Inflamed	CC2D2B	protein_cc chr10	97733786	97792441 +	3534	2.042959	0.520286	-0.35189	0.141263	-2.49103	0.0144	0.055381	1
ENSG0000 response	Inflamed	RP11-226L	pseudoger chr1	1.6E+08	1.6E+08 +	428	1.190931	0.775656	0.249123	0.100031	2.490447	0.014423	0.055459	1
ENSG0000 response	Inflamed	RP3-476K8	pseudoger chr1	26781144	26781678 -	535	1.852029	0.501193	0.305739	0.122792	2.489905	0.014444	0.055531	1
ENSG0000 response	Inflamed	TGFB11	protein_cc chr16	31482906	31489281 +	5403	1360.317	0	-0.40223	0.16155	-2.48979	0.014448	0.055539	1
ENSG0000 response	Inflamed	MS4A12	protein_cc chr11	60260251	60274903 +	1839	4291.945	0.004773	1.14267	0.458959	2.489701	0.014451	0.055544	1
ENSG0000 response	Inflamed	RP11-316M	antisense chr10	1.02E+08	1.02E+08 +	846	0.763723	0.789976	0.210663	0.084646	2.488766	0.014487	0.055674	1
ENSG0000 response	Inflamed	MIR608	miRNA chr10	1.03E+08	1.03E+08 +	100	1.307876	0.656325	0.273322	0.109825	2.488711	0.014489	0.055674	1
ENSG0000 response	Inflamed	RP11-797A	sense_intr chr15	77359996	77360667 -	672	20.96659	0.033413	0.587015	0.235957	2.487799	0.014524	0.0558	1
ENSG0000 response	Inflamed	AC005077	pseudoger chr7	75700787	75704281 -	3495	237.8425	0.009547	0.513752	0.206524	2.487609	0.014531	0.05582	1
ENSG0000 response	Inflamed	RP11-433C	pseudoger chr4	1.82E+08	1.82E+08 +	342	44.90692	0.01432	0.503257	0.202321	2.487417	0.014539	0.05584	1
ENSG0000 response	Inflamed	RP11-303C	pseudoger chr8	12437796	12438572 +	186	9.589499	0.107399	0.479791	0.192912	2.487098	0.014551	0.055879	1
ENSG0000 response	Inflamed	MRPL12	protein_cc chr17	79670387	79674556 +	1028	716.2196	0	0.244296	0.098232	2.486941	0.014557	0.055894	1
ENSG0000 response	Inflamed	CNKS3R3	protein_cc chr6	1.55E+08	1.55E+08 -	21564	912.8568	0	0.396181	0.159342	2.486351	0.01458	0.055973	1
ENSG0000 response	Inflamed	BAALC	protein_cc chr8	1.04E+08	1.04E+08 +	3997	55.89976	0	-0.39931	0.160606	-2.48628	0.014582	0.055975	1
ENSG0000 response	Inflamed	NAP1L6	protein_cc chrX	72345876	72347919 -	2044	1.921241	0.682578	0.351146	0.141247	2.486041	0.014592	0.055995	1
ENSG0000 response	Inflamed	IQSEC3	protein_cc chr12	175931	287626 +	7686	91.10024	0.016706	-0.51248	0.206145	-2.48604	0.014592	0.055995	1
ENSG0000 response	Inflamed	RP11-797B	antisense chr7	64348905	64350478 -	1062	7.980907	0.171838	0.433342	0.174345	2.485547	0.014611	0.056059	1
ENSG0000 response	Inflamed	ECSIT	protein_cc chr19	11616731	11639989 -	2370	1485.778	0	0.221824	0.089252	2.485379	0.014617	0.056076	1
ENSG0000 response	Inflamed	LRR37A1	pseudoger chr17	37183530	37209458 +	5646	5.622912	0.143198	-0.35575	0.143143	-2.4853	0.01462	0.05608	1
ENSG0000 response	Inflamed	THAP7	protein_cc chr22	21353393	21356485 -	2879	710.5728	0	-0.20529	0.082605	-2.48515	0.014626	0.056086	1
ENSG0000 response	Inflamed	PSD2	protein_cc chr5	1.39E+08	1.39E+08 +	4513	8.553699	0.119332	-0.44218	0.177929	-2.48514	0.014626	0.056086	1
ENSG0000 response	Inflamed	TMC2	protein_cc chr20	2517253	2622430 +	4826	4.190931	0.267303	0.39804	0.16022	2.484327	0.014658	0.056199	1
ENSG0000 response	Inflamed	THAP4	protein_cc chr2	2.43E+08	2.43E+08 -	3147	2223.232	0	0.152441	0.061371	2.483911	0.014674	0.056253	1
ENSG0000 response	Inflamed	UBAC2	protein_cc chr13	99853028	1E+08 +	4519	2418.136	0	0.13809	0.055602	2.483522	0.014689	0.056302	1
ENSG0000 response	Inflamed	TBRG4	protein_cc chr7	45139699	45151646 -	5803	2933.759	0	0.154329	0.062147	2.483295	0.014698	0.056328	1
ENSG0000 response	Inflamed	RP11-297M	lincRNA chr16	9847272	9851895 -	4624	12.01909	0.157518	0.564313	0.227278	2.482916	0.014713	0.056376	1
ENSG0000 response	Inflamed	AL122127	miRNA chr14	1.06E+08	1.06E+08 -	60	19.98807	0.085919	-0.66139	0.266405	-2.48267	0.014722	0.056397	1
ENSG0000 response	Inflamed	GBP6	protein_cc chr1	89829617	89852020 +	2987	4.591885	0.491647	-0.57979	0.233537	-2.48266	0.014722	0.056397	1
ENSG0000 response	Inflamed	PARP2	protein_cc chr14	20811741	20826064 +	4096	518.4558	0	-0.31472	0.126777	-2.48246	0.01473	0.056412	1
ENSG0000 response	Inflamed	MPL	protein_cc chr1	43803478	43818443 +	2128	5.243437	0.136038	0.345231	0.139071	2.482415	0.014732	0.056412	1
ENSG0000 response	Inflamed	PAR6G	protein_cc chr18	77915115	78005429 -	4224	142.6062	0	-0.37929	0.152793	-2.4824	0.014733	0.056412	1
ENSG0000 response	Inflamed	SEMA4C	protein_cc chr2	97525453	97536494 -	6157	1514.592	0	-0.41397	0.166766	-2.48233	0.014735	0.056414	1
ENSG0000 response	Inflamed	C12orf61	protein_cc chr12	62995531	62997214 -	1684	24.07876	0.002387	-0.37662	0.151729	-2.48219	0.014741	0.056426	1
ENSG0000 response	Inflamed	PLS3	protein_cc chrX	1.15E+08	1.15E+08 +	4138	1167.169	0	-0.43665	0.175924	-2.48206	0.014746	0.056438	1
ENSG0000 response	Inflamed	CCNI	protein_cc chr4	77968311	77997158 -	3741	9771.36	0	-0.18688	0.075304	-2.48163	0.014762	0.056493	1
ENSG0000 response	Inflamed	CTD-3224I	lincRNA chr5	1.39E+08	1.39E+08 -	543	2.217184	0.541766	-0.33166	0.133666	-2.48126	0.014777	0.05654	1
ENSG0000 response	Inflamed	LIPC	protein_cc chr15	58702768	58861151 +	4293	50.89737	0.002387	0.514986	0.207556	2.481196	0.01478	0.056542	1
ENSG0000 response	Inflamed	RP11-104J	lincRNA chr17	34339544	34339931 +	388	1.367542	0.642005	0.277036	0.111664	2.480985	0.014788	0.056558	1

ENSG0000 response	Inflamed	PROC	protein_cc chr2	1.28E+08	1.28E+08	+	2495	32.54415	0.011933	0.454483	0.183187	2.480975	0.014788	0.056558	1
ENSG0000 response	Inflamed	NT5C1A	protein_cc chr1	40124793	40137710	-	1107	1.069212	0.73747	-0.28977	0.116804	-2.48084	0.014794	0.05657	1
ENSG0000 response	Inflamed	USF2	protein_cc chr19	35759881	35770724	+	4952	3934.58	0	-0.18105	0.072984	-2.48073	0.014798	0.056576	1
ENSG0000 response	Inflamed	CTXN1	protein_cc chr19	7989372	7991051	-	1272	41.04773	0.011933	-0.43242	0.174312	-2.48069	0.014799	0.056576	1
ENSG0000 response	Inflamed	DTNBP1	protein_cc chr6	15523032	15663289	-	3078	532.1933	0	-0.13373	0.053912	-2.48045	0.014809	0.056604	1
ENSG0000 response	Inflamed	INSL5	protein_cc chr1	67263424	67266939	-	715	441.7613	0.076372	1.422966	0.573799	2.479902	0.01483	0.056677	1
ENSG0000 response	Inflamed	RP11-505E	antisense chr15	1.02E+08	1.02E+08	-	491	1.081146	0.708831	-0.28052	0.113129	-2.47963	0.014841	0.056707	1
ENSG0000 response	Inflamed	BSCL2	protein_cc chr11	62457747	62477317	-	4004	297.9761	0	-0.18014	0.072652	-2.47954	0.014844	0.056707	1
ENSG0000 response	Inflamed	GNPTG	protein_cc chr16	1401924	1413352	+	3672	1948.745	0	-0.1562	0.062997	-2.47953	0.014844	0.056707	1
ENSG0000 response	Inflamed	ASPHD2	protein_cc chr22	26825239	26840981	+	3357	627.463	0	-0.28568	0.115218	-2.47943	0.014849	0.056715	1
ENSG0000 response	Inflamed	HOXD8	protein_cc chr2	1.77E+08	1.77E+08	+	2629	191.5967	0	-0.33539	0.135307	-2.47871	0.014877	0.056814	1
ENSG0000 response	Inflamed	PTPRVP	pseudoger chr1	2.02E+08	2.02E+08	+	6596	34.27446	0.050119	-0.64298	0.259426	-2.47848	0.014886	0.05684	1
ENSG0000 response	Inflamed	FLRT2	protein_cc chr14	85996488	86095034	+	9163	403.7255	0.00716	-0.69617	0.280893	-2.47843	0.014888	0.05684	1
ENSG0000 response	Inflamed	RIMBP3C	protein_cc chr22	21899646	21905750	-	6105	2.326969	0.439141	-0.3084	0.124448	-2.47814	0.014899	0.056875	1
ENSG0000 response	Inflamed	C1DP1	pseudoger chr10	32800264	32800665	-	402	4.954654	0.386635	0.406184	0.163911	2.478071	0.014902	0.056877	1
ENSG0000 response	Inflamed	PTGR2	protein_cc chr14	74318547	74353530	+	8072	212.6492	0	0.418401	0.168855	2.477879	0.014909	0.056897	1
ENSG0000 response	Inflamed	RP11-750E	pseudoger chr17	51183095	51183719	+	625	521.2005	0	0.37233	0.150308	2.477124	0.014939	0.057002	1
ENSG0000 response	Inflamed	ARHGAP24	protein_cc chr4	86396267	86923823	+	7908	244.3079	0.002387	-0.42631	0.172104	-2.47705	0.014942	0.057006	1
ENSG0000 response	Inflamed	COMMD5	protein_cc chr8	1.46E+08	1.46E+08	-	2909	559.4821	0	-0.16371	0.066104	-2.47656	0.014961	0.057071	1
ENSG0000 response	Inflamed	ZBTB7A	protein_cc chr19	4044362	4066943	-	5725	6053.045	0	0.276788	0.111767	2.476482	0.014964	0.057074	1
ENSG0000 response	Inflamed	LINC00955	protein_cc chr4	3578596	3592438	+	2087	29.01193	0.453461	0.814049	0.328736	2.476302	0.014971	0.057093	1
ENSG0000 response	Inflamed	RP11-75L1	lincRNA chr12	9856673	9861946	+	560	1.417661	0.687351	-0.32772	0.132362	-2.47591	0.014987	0.057143	1
ENSG0000 response	Inflamed	DEPDC7	protein_cc chr11	33037410	33055128	+	3326	159.8735	0	0.468752	0.189331	2.475829	0.01499	0.057147	1
ENSG0000 response	Inflamed	RP11-175F	antisense chr12	1.01E+08	1.01E+08	+	418	4.673031	0.193317	0.379649	0.153358	2.475575	0.015	0.057177	1
ENSG0000 response	Inflamed	FAM72C	protein_cc chr1	1.49E+08	1.49E+08	-	1512	5.307876	0.183771	-0.39229	0.158476	-2.47537	0.015008	0.057199	1
ENSG0000 response	Inflamed	WNT6	protein_cc chr2	2.2E+08	2.2E+08	+	1703	23.59666	0.009547	-0.4819	0.194731	-2.47467	0.015036	0.057289	1
ENSG0000 response	Inflamed	EDEM1	protein_cc chr3	5229331	5261642	+	6758	5317.931	0	-0.39135	0.158144	-2.47467	0.015036	0.057289	1
ENSG0000 response	Inflamed	NDUFA12	protein_cc chr12	95290831	95397546	-	1815	1289.687	0	0.264514	0.106895	2.474509	0.015042	0.057305	1
ENSG0000 response	Inflamed	RPS24	protein_cc chr10	79793518	79816570	+	4880	16439.04	0	0.305346	0.12341	2.474246	0.015053	0.057336	1
ENSG0000 response	Inflamed	CA4	protein_cc chr17	58227297	58248260	+	2424	10571.17	0	0.851209	0.34405	2.474085	0.015059	0.057352	1
ENSG0000 response	Inflamed	RP11-789C	lincRNA chr4	1.71E+08	1.71E+08	+	469	17.23628	0.105012	0.5526	0.223365	2.473979	0.015063	0.05736	1
ENSG0000 response	Inflamed	GORASP1	protein_cc chr3	39138150	39149854	-	6256	3686.644	0	0.199248	0.08054	2.473908	0.015066	0.057362	1
ENSG0000 response	Inflamed	UGT1A10	protein_cc chr2	2.35E+08	2.35E+08	+	3157	868.2053	0.009547	0.856007	0.346027	2.473813	0.01507	0.057368	1
ENSG0000 response	Inflamed	DPEP1	protein_cc chr16	89679716	89704839	+	2712	717.9499	0	-0.69494	0.280937	-2.47367	0.015076	0.057382	1
ENSG0000 response	Inflamed	RP11-229F	processed_chr9	1.4E+08	1.4E+08	+	686	3.095465	0.470167	-0.43437	0.175639	-2.47307	0.015099	0.057465	1
ENSG0000 response	Inflamed	FOXO4	protein_cc chrX	70316047	70323385	+	3447	1602.907	0	0.266808	0.10789	2.472958	0.015104	0.057472	1
ENSG0000 response	Inflamed	GABRQ	protein_cc chrX	1.52E+08	1.52E+08	+	6174	4.422434	0.286396	-0.42455	0.171689	-2.4728	0.01511	0.057488	1
ENSG0000 response	Inflamed	PIGU	protein_cc chr20	33148346	33264910	-	2755	795.5012	0	0.19256	0.077904	2.47175	0.015152	0.057639	1
ENSG0000 response	Inflamed	ACBD6	protein_cc chr1	1.8E+08	1.8E+08	-	2356	517.6659	0	-0.16344	0.066129	-2.47147	0.015163	0.057668	1
ENSG0000 response	Inflamed	NDUFAF4F	pseudoger chr3	37831412	37831936	-	525	5.298329	0.245823	0.401401	0.162415	2.471449	0.015164	0.057668	1

ENSG0000 response	Inflamed	MGST3	protein_cc chr1	1.66E+08	1.66E+08 +	7888	3467.916	0	0.281057	0.113738	2.47108	0.015179	0.057715	1
ENSG0000 response	Inflamed	RP11-1275	lincRNA chr7	5465908	5468558 -	2651	16.12411	0.01432	0.378297	0.153103	2.47087	0.015187	0.057739	1
ENSG0000 response	Inflamed	LOXL3	protein_cc chr2	74759541	74782817 -	4363	384.0907	0	-0.39562	0.160142	-2.47043	0.015205	0.057798	1
ENSG0000 response	Inflamed	DLX4	protein_cc chr17	48046334	48052321 +	3211	7.572792	0.105012	-0.39973	0.161818	-2.47027	0.015211	0.057813	1
ENSG0000 response	Inflamed	AC007405	lincRNA chr2	1.72E+08	1.72E+08 -	2026	2.183771	0.49642	0.310374	0.125663	2.469887	0.015226	0.057863	1
ENSG0000 response	Inflamed	ASS1P1	pseudoger chr6	25023475	25024711 -	1237	4.50358	0.231504	-0.38202	0.1547	-2.46946	0.015243	0.05792	1
ENSG0000 response	Inflamed	GSE1	protein_cc chr16	85645015	85709810 +	10173	4540.8	0	0.312838	0.126692	2.469277	0.015251	0.057938	1
ENSG0000 response	Inflamed	PDIA5	protein_cc chr3	1.23E+08	1.23E+08 +	4030	1562.704	0	-0.18375	0.074417	-2.46923	0.015253	0.057938	1
ENSG0000 response	Inflamed	RP11-4461	lincRNA chr12	46931285	47046333 +	448	11.58234	0.00716	-0.3327	0.134745	-2.46909	0.015258	0.057942	1
ENSG0000 response	Inflamed	PSME2P2	pseudoger chr13	49345264	49345965 +	702	88.68258	0	-0.2696	0.109191	-2.46905	0.01526	0.057942	1
ENSG0000 response	Inflamed	NIPSNAP1	protein_cc chr22	29950797	29977326 -	3067	1835.308	0	0.213349	0.086411	2.468992	0.015262	0.057942	1
ENSG0000 response	Inflamed	RP11-9821	lincRNA chr14	1.05E+08	1.05E+08 -	3816	10.46778	0.145585	0.529324	0.214389	2.468984	0.015262	0.057942	1
ENSG0000 response	Inflamed	BCL2L12	protein_cc chr19	50168823	50177173 +	1743	494.8496	0	-0.23071	0.09345	-2.46875	0.015272	0.05797	1
ENSG0000 response	Inflamed	DGCR2	protein_cc chr22	19023795	19109967 -	5596	7256.582	0	0.273279	0.110702	2.468604	0.015278	0.057983	1
ENSG0000 response	Inflamed	GATS	pseudoger chr7	99798276	99869837 -	4824	148.8162	0.002387	-0.29409	0.119138	-2.46852	0.015281	0.057988	1
ENSG0000 response	Inflamed	TCERG1L	protein_cc chr10	1.33E+08	1.33E+08 -	5258	3.214797	0.470167	-0.48761	0.197555	-2.46822	0.015293	0.058025	1
ENSG0000 response	Inflamed	RABAC1	protein_cc chr19	42460833	42463542 -	1999	2467.036	0	-0.2697	0.109277	-2.46808	0.015299	0.058037	1
ENSG0000 response	Inflamed	KCNJ3	protein_cc chr2	1.56E+08	1.56E+08 +	5066	60.63962	0.02864	0.789361	0.319861	2.467822	0.015309	0.058069	1
ENSG0000 response	Inflamed	HOXB-AS4	antisense chr17	46706037	46712294 +	669	5.164678	0.190931	0.353579	0.143297	2.467458	0.015324	0.058116	1
ENSG0000 response	Inflamed	AMIGO2	protein_cc chr12	47469490	47473734 -	3956	220.9284	0	-0.39918	0.161786	-2.4673	0.01533	0.058132	1
ENSG0000 response	Inflamed	TRAV9-2	TR_V_gen chr14	22409313	22409848 +	394	16.80907	0.045346	-0.46269	0.187554	-2.46696	0.015344	0.058176	1
ENSG0000 response	Inflamed	MRRFP1	pseudoger chrX	1.22E+08	1.22E+08 -	1675	1.095465	0.706444	0.253537	0.102782	2.466743	0.015353	0.0582	1
ENSG0000 response	Inflamed	RP11-428J	lincRNA chr6	5031990	5054657 -	3273	6.73747	0.128878	-0.43105	0.174748	-2.46668	0.015355	0.058202	1
ENSG0000 response	Inflamed	SMIM2-AS	antisense chr13	44716682	44813010 +	546	79.93556	0.009547	0.568088	0.230321	2.466502	0.015362	0.05822	1
ENSG0000 response	Inflamed	HIST1H2B1	protein_cc chr6	27106073	27114619 -	820	1348.897	0	-0.24712	0.100202	-2.46621	0.015374	0.058244	1
ENSG0000 response	Inflamed	ARL10	protein_cc chr5	1.76E+08	1.76E+08 +	11459	322.8019	0.002387	-0.56705	0.229928	-2.4662	0.015374	0.058244	1
ENSG0000 response	Inflamed	LINC00426	lincRNA chr13	30914407	30951282 -	3972	109.5274	0.002387	-0.48794	0.197853	-2.46616	0.015376	0.058244	1
ENSG0000 response	Inflamed	NIT1	protein_cc chr1	1.61E+08	1.61E+08 +	3793	1658.341	0	0.129705	0.052595	2.46613	0.015377	0.058244	1
ENSG0000 response	Inflamed	CTC-338M	antisense chr5	1.81E+08	1.81E+08 +	486	16.45585	0.00716	0.350735	0.142242	2.465755	0.015392	0.058293	1
ENSG0000 response	Inflamed	PRKRIP1	protein_cc chr7	1.02E+08	1.02E+08 +	3696	751.3484	0	-0.19715	0.07996	-2.46565	0.015397	0.058301	1
ENSG0000 response	Inflamed	ALOX12P2	pseudoger chr17	6757180	6857426 +	5655	14.01909	0.140811	-0.62832	0.254834	-2.46559	0.015399	0.058301	1
ENSG0000 response	Inflamed	RP1-276N1	lincRNA chr6	1.61E+08	1.61E+08 +	467	3.520286	0.558473	-0.59461	0.241204	-2.46519	0.015415	0.058354	1
ENSG0000 response	Inflamed	AC021188	antisense chr2	96973001	96987469 -	740	10.35084	0.0358	-0.36469	0.147951	-2.46494	0.015426	0.058384	1
ENSG0000 response	Inflamed	PCDHGA11	protein_cc chr5	1.41E+08	1.41E+08 +	4747	68.73508	0.033413	-0.58347	0.236717	-2.46486	0.015429	0.058388	1
ENSG0000 response	Inflamed	AC114730	antisense chr2	2.43E+08	2.43E+08 -	2250	10.09547	0.164678	0.460381	0.186805	2.464503	0.015443	0.05843	1
ENSG0000 response	Inflamed	AC009299	pseudoger chr2	1.62E+08	1.62E+08 -	513	3.945107	0.25537	-0.38313	0.155463	-2.46447	0.015444	0.05843	1
ENSG0000 response	Inflamed	SCG3	protein_cc chr15	51973550	52013223 +	3310	31.24105	0.016706	0.470327	0.190847	2.46442	0.015446	0.05843	1
ENSG0000 response	Inflamed	SLC26A1	protein_cc chr4	972861	987228 -	4293	49.53699	0.004773	0.411575	0.167015	2.464294	0.015452	0.058441	1
ENSG0000 response	Inflamed	KRCC1	protein_cc chr2	88326724	88355248 -	1753	1297.074	0	0.338398	0.137325	2.464213	0.015455	0.058445	1
ENSG0000 response	Inflamed	LYNX1	protein_cc chr8	1.44E+08	1.44E+08 -	6037	340.1432	0	-0.55928	0.226971	-2.46409	0.01546	0.058455	1

ENSG0000 response	Inflamed	LYPD3	protein_cc chr19	43964939	43969812	-	2519	70.96659	0	-0.55284	0.224367	-2.464	0.015464	0.058461	1
ENSG0000 response	Inflamed	SMKR1	protein_cc chr7	1.29E+08	1.29E+08	+	1035	9.076372	0.116945	-0.48006	0.194837	-2.4639	0.015467	0.058467	1
ENSG0000 response	Inflamed	NKAPL	protein_cc chr6	28227098	28228736	+	1639	6.178998	0.107399	-0.39934	0.162086	-2.46378	0.015472	0.058477	1
ENSG0000 response	Inflamed	LINC00341	lincRNA chr14	95873606	95876427	-	2822	460.4726	0	-0.3593	0.145847	-2.46357	0.015481	0.058493	1
ENSG0000 response	Inflamed	RP11-789C	lincRNA chr4	1.71E+08	1.71E+08	+	429	4.563246	0.501193	0.434346	0.176308	2.46357	0.015481	0.058493	1
ENSG0000 response	Inflamed	P4HB	protein_cc chr17	79801035	79818570	-	5303	50454	0	-0.1902	0.077207	-2.46351	0.015483	0.058493	1
ENSG0000 response	Inflamed	CYR61	protein_cc chr1	86046444	86049645	+	2455	1752.153	0	-0.8478	0.344252	-2.46272	0.015515	0.058606	1
ENSG0000 response	Inflamed	RP11-253E	processed_chr12	3150603	3154116	+	3514	203.5203	0.019093	-0.50824	0.206391	-2.46249	0.015525	0.058631	1
ENSG0000 response	Inflamed	RP11-92G	lincRNA chr1	2.01E+08	2.01E+08	+	736	1.26253	0.682578	-0.27649	0.112283	-2.46245	0.015526	0.058631	1
ENSG0000 response	Inflamed	LAMP2	protein_cc chrX	1.2E+08	1.2E+08	-	5617	2725.888	0	-0.25227	0.102449	-2.46238	0.01553	0.058635	1
ENSG0000 response	Inflamed	RP11-551L	pseudoger chr12	31264586	31359088	-	8118	99.95465	0.004773	-0.61914	0.251449	-2.4623	0.015533	0.058639	1
ENSG0000 response	Inflamed	DACT2	protein_cc chr6	1.69E+08	1.69E+08	-	4223	93.19809	0.026253	0.757851	0.30779	2.462236	0.015535	0.058639	1
ENSG0000 response	Inflamed	C11orf82	protein_cc chr11	82611017	82669319	+	5339	99.08115	0.002387	-0.50579	0.205425	-2.46218	0.015537	0.058639	1
ENSG0000 response	Inflamed	SLC22A10	protein_cc chr11	62905339	63137190	+	3207	2.410501	0.675418	-0.43896	0.17829	-2.46208	0.015542	0.058646	1
ENSG0000 response	Inflamed	NCAPH	protein_cc chr2	97001525	97039583	+	3278	468.5609	0	-0.33684	0.136821	-2.46192	0.015548	0.058663	1
ENSG0000 response	Inflamed	MYLIP	protein_cc chr6	16129356	16148479	+	3033	1211.89	0	0.302811	0.123022	2.461441	0.015568	0.058724	1
ENSG0000 response	Inflamed	RP11-361L	processed_chr16	66976615	66997159	+	317	0.990453	0.76611	0.183174	0.074418	2.461414	0.015569	0.058724	1
ENSG0000 response	Inflamed	AF064858	lincRNA chr21	40400461	40401053	-	292	8.360382	0.159905	-0.5524	0.224492	-2.46066	0.0156	0.058831	1
ENSG0000 response	Inflamed	CLDN18	protein_cc chr3	1.38E+08	1.38E+08	+	3877	208.8162	0.136038	-1.18153	0.480178	-2.4606	0.015602	0.058832	1
ENSG0000 response	Inflamed	TCFL5	protein_cc chr20	61472467	61493115	-	3436	272.4893	0	-0.22091	0.089784	-2.46048	0.015607	0.058843	1
ENSG0000 response	Inflamed	LINC00087	lincRNA chrX	1.34E+08	1.34E+08	-	2696	40.65394	0.004773	-0.39762	0.161622	-2.46018	0.015619	0.058881	1
ENSG0000 response	Inflamed	MRPS22	protein_cc chr3	1.39E+08	1.39E+08	+	5382	769.4296	0	0.262314	0.106635	2.459933	0.015629	0.058907	1
ENSG0000 response	Inflamed	TRIL	processed_chr7	28992974	28997934	-	4961	6.842482	0.147971	0.438972	0.178454	2.459861	0.015632	0.058907	1
ENSG0000 response	Inflamed	RP11-298C	lincRNA chr3	1.68E+08	1.68E+08	+	661	1.159905	0.735084	-0.28595	0.116249	-2.45983	0.015634	0.058907	1
ENSG0000 response	Inflamed	RAB5CP2	pseudoger chr5	90772199	90772835	+	637	0.868735	0.770883	0.24672	0.100301	2.45979	0.015635	0.058907	1
ENSG0000 response	Inflamed	AF064860	sense_ove chr21	41002198	41098012	+	544	2.673031	0.522673	0.475426	0.193328	2.459163	0.015661	0.058995	1
ENSG0000 response	Inflamed	TSPAN2	protein_cc chr1	1.16E+08	1.16E+08	-	3410	231.7351	0	-0.44077	0.179271	-2.45868	0.015681	0.059062	1
ENSG0000 response	Inflamed	AF186192	pseudoger chr8	1.46E+08	1.46E+08	+	1932	10.41527	0.081146	0.46088	0.187459	2.458565	0.015686	0.059066	1
ENSG0000 response	Inflamed	C8orf58	protein_cc chr8	22457114	22461663	+	3317	216.5203	0	-0.20854	0.084824	-2.45854	0.015686	0.059066	1
ENSG0000 response	Inflamed	SLITRK6	protein_cc chr13	86366925	86373623	-	4318	329.5012	0	0.684385	0.278402	2.458259	0.015698	0.059094	1
ENSG0000 response	Inflamed	RNASEH2C	protein_cc chr11	65482367	65488418	-	3697	758.9093	0	-0.2398	0.097549	-2.45825	0.015699	0.059094	1
ENSG0000 response	Inflamed	LUZP2	protein_cc chr11	24518516	25104150	+	8795	25.06921	0.109785	0.662758	0.269654	2.457811	0.015717	0.059145	1
ENSG0000 response	Inflamed	NPDC1	protein_cc chr9	1.4E+08	1.4E+08	-	2737	5270.809	0	0.286304	0.116488	2.457806	0.015717	0.059145	1
ENSG0000 response	Inflamed	MITF	protein_cc chr3	69788586	70017488	+	7222	232.4964	0	-0.43168	0.17564	-2.45776	0.015719	0.059145	1
ENSG0000 response	Inflamed	MTM1	protein_cc chrX	1.5E+08	1.5E+08	+	4048	902.1169	0	0.499096	0.203082	2.457608	0.015725	0.05916	1
ENSG0000 response	Inflamed	IGLV3-22	IG_V_gene chr22	23046750	23047307	+	409	14.08592	0.424821	-0.73316	0.298368	-2.45723	0.01574	0.059209	1
ENSG0000 response	Inflamed	ZMAT5	protein_cc chr22	30126945	30163000	-	3315	328.9475	0	-0.22369	0.091046	-2.45694	0.015752	0.059246	1
ENSG0000 response	Inflamed	GTF2H4	protein_cc chr6	30875961	30881883	+	2353	72.53461	0	-0.20015	0.081463	-2.45689	0.015755	0.059246	1
ENSG0000 response	Inflamed	AC084809	antisense chr17	31203777	31205655	+	591	14.36277	0.00716	0.256298	0.104328	2.45667	0.015764	0.05927	1
ENSG0000 response	Inflamed	SLN	protein_cc chr11	1.08E+08	1.08E+08	-	906	2.24105	0.756563	-0.45847	0.186624	-2.45662	0.015766	0.05927	1

ENSG0000 response	Inflamed	TMEM26	protein_cc chr10	63166401	63213208	-	6907	118.3723	0.002387	-0.46683	0.190032	-2.45657	0.015768	0.05927	1
ENSG0000 response	Inflamed	ZNF888	lincRNA chr19	53418449	53426723	-	551	33.72792	0.02864	0.526728	0.214444	2.456253	0.015781	0.059311	1
ENSG0000 response	Inflamed	TSEN54	protein_cc chr17	73512141	73520820	+	3440	1006.224	0	0.179882	0.073244	2.455912	0.015795	0.059355	1
ENSG0000 response	Inflamed	HPS1	protein_cc chr10	1E+08	1E+08	-	5277	4439.072	0	0.167877	0.068359	2.455805	0.015799	0.059363	1
ENSG0000 response	Inflamed	C11orf1	protein_cc chr11	1.12E+08	1.12E+08	+	3831	289.4105	0	0.318986	0.129896	2.455692	0.015804	0.059372	1
ENSG0000 response	Inflamed	TRBV21-1	TR_V_pset chr7	1.42E+08	1.42E+08	+	348	3.004773	0.429594	-0.34892	0.142112	-2.45523	0.015823	0.059435	1
ENSG0000 response	Inflamed	EIF4A1	protein_cc chr17	7476024	7482323	+	5316	2430.47	0	-0.21633	0.088119	-2.45503	0.015832	0.059459	1
ENSG0000 response	Inflamed	RP11-431k	lincRNA chr1	8086798	8182762	+	2044	4.429594	0.217184	-0.39827	0.162233	-2.4549	0.015837	0.05947	1
ENSG0000 response	Inflamed	SAV1	protein_cc chr14	51098776	51135049	-	5630	668.7351	0	-0.35508	0.144644	-2.45483	0.01584	0.059473	1
ENSG0000 response	Inflamed	PDGFA	protein_cc chr7	536895	559933	-	4151	1452.513	0	0.307151	0.125135	2.454564	0.015851	0.059506	1
ENSG0000 response	Inflamed	SPDYC	protein_cc chr11	64937625	64940715	+	991	1.625298	0.599045	0.316246	0.128893	2.45355	0.015893	0.059655	1
ENSG0000 response	Inflamed	WDR81	protein_cc chr17	1619817	1641893	+	7913	2610.649	0	-0.28788	0.117362	-2.45297	0.015917	0.059737	1
ENSG0000 response	Inflamed	RNF112	protein_cc chr17	19314438	19320589	+	3652	133.7088	0.004773	0.472662	0.192717	2.452617	0.015932	0.059774	1
ENSG0000 response	Inflamed	P4HA1	protein_cc chr10	74766975	74856732	-	3186	997.3294	0	-0.40642	0.165712	-2.45259	0.015933	0.059774	1
ENSG0000 response	Inflamed	RP11-640l	antisense chr1	1.44E+08	1.45E+08	-	6056	37.11456	0.002387	-0.26811	0.109319	-2.45257	0.015934	0.059774	1
ENSG0000 response	Inflamed	TMEM132	protein_cc chr17	32907768	32966337	+	4583	14.77804	0.045346	-0.44971	0.183393	-2.45218	0.01595	0.059827	1
ENSG0000 response	Inflamed	RP11-89K1	protein_cc chr15	1.02E+08	1.02E+08	-	711	11.71838	0.042959	-0.43176	0.17608	-2.45208	0.015954	0.059834	1
ENSG0000 response	Inflamed	FBXL7	protein_cc chr5	15500305	15939900	+	4849	431.4893	0	-0.45078	0.183846	-2.45194	0.01596	0.059847	1
ENSG0000 response	Inflamed	PDZK1IP1	protein_cc chr1	47649265	47656716	-	1438	5309.575	0	-0.71393	0.291219	-2.45152	0.015978	0.059905	1
ENSG0000 response	Inflamed	RP11-334L	pseudoger chr1	39174603	39176562	+	1960	9.873508	0.047733	-0.37107	0.151369	-2.45146	0.01598	0.059906	1
ENSG0000 response	Inflamed	RP11-281F	lincRNA chr4	11627338	11815582	+	2006	9.252983	0.157518	0.56959	0.232363	2.451297	0.015987	0.059922	1
ENSG0000 response	Inflamed	RP5-887A1	lincRNA chr1	81001440	81112473	+	709	21.14797	0.066826	-0.54568	0.222632	-2.45103	0.015998	0.059956	1
ENSG0000 response	Inflamed	MYO9B	protein_cc chr19	17186591	17325346	+	9948	7743.322	0	-0.27371	0.111679	-2.45087	0.016005	0.059973	1
ENSG0000 response	Inflamed	SIGLEC17P	pseudoger chr19	51670585	51676780	+	2279	90.12411	0	-0.42937	0.175202	-2.45073	0.016011	0.059985	1
ENSG0000 response	Inflamed	C4orf3	protein_cc chr4	1.2E+08	1.2E+08	-	2515	2365.971	0	-0.25174	0.10275	-2.45001	0.016041	0.060084	1
ENSG0000 response	Inflamed	FBLN2	protein_cc chr3	13573824	13679922	+	4996	1858.501	0	-0.67063	0.273725	-2.44999	0.016041	0.060084	1
ENSG0000 response	Inflamed	NFATC2	protein_cc chr20	50003494	50179370	-	8286	1229.298	0	-0.43286	0.176716	-2.44944	0.016065	0.060162	1
ENSG0000 response	Inflamed	CHAF1B	protein_cc chr21	37757676	37791313	+	5118	291.9714	0	-0.29125	0.118914	-2.44925	0.016073	0.060184	1
ENSG0000 response	Inflamed	TRIM17	protein_cc chr1	2.29E+08	2.29E+08	-	3548	15.09547	0.054893	-0.46966	0.191766	-2.44912	0.016078	0.060195	1
ENSG0000 response	Inflamed	CTSA	protein_cc chr20	44518783	44527459	+	5856	15698.76	0	0.257613	0.10519	2.449022	0.016082	0.060203	1
ENSG0000 response	Inflamed	CCRN4L	protein_cc chr4	1.4E+08	1.4E+08	+	1769	257.0931	0.002387	-0.39078	0.159569	-2.44895	0.016085	0.060205	1
ENSG0000 response	Inflamed	GNL1	protein_cc chr6	30509154	30524951	-	8646	2162.878	0	-0.16671	0.068076	-2.44886	0.016089	0.060211	1
ENSG0000 response	Inflamed	RAPGEF1	protein_cc chr9	1.34E+08	1.35E+08	-	7123	7290.652	0	-0.27178	0.110985	-2.44879	0.016092	0.060213	1
ENSG0000 response	Inflamed	ABCA3	protein_cc chr16	2325882	2390747	-	7804	409.6301	0	-0.42325	0.17285	-2.44864	0.016098	0.060228	1
ENSG0000 response	Inflamed	MIR4722	miRNA chr16	88782686	88782745	-	60	1.319809	0.651551	-0.27836	0.113694	-2.44827	0.016114	0.060277	1
ENSG0000 response	Inflamed	AC010086	pseudoger chrY	23473154	23480781	+	1052	1.513126	0.725537	-0.32932	0.134513	-2.44822	0.016116	0.060278	1
ENSG0000 response	Inflamed	REEP4	protein_cc chr8	21995533	21999464	-	2266	1578.78	0	0.226066	0.092346	2.448044	0.016123	0.060296	1
ENSG0000 response	Inflamed	SMC5-AS1	antisense chr9	72808913	72873782	-	1818	15.07876	0.016706	0.372393	0.152164	2.447318	0.016154	0.060402	1
ENSG0000 response	Inflamed	GP9	protein_cc chr3	1.29E+08	1.29E+08	+	889	9.057279	0.100239	0.445649	0.182156	2.446522	0.016188	0.060519	1
ENSG0000 response	Inflamed	VAX2	protein_cc chr2	71127720	71160576	+	1147	7.25537	0.085919	-0.4021	0.164392	-2.44597	0.016211	0.060584	1

ENSG0000 response	Inflamed	DBI	protein_cc chr2	1.2E+08	1.2E+08 +	2499	3598.632	0	0.286414	0.117098	2.445945	0.016212	0.060584	1
ENSG0000 response	Inflamed	ARTN	protein_cc chr1	44398992	44402913 +	2658	104.2768	0	0.520316	0.212727	2.445936	0.016212	0.060584	1
ENSG0000 response	Inflamed	PPAPDC2	protein_cc chr9	4662298	4665256 +	2959	750.4988	0	0.303172	0.123951	2.445895	0.016214	0.060584	1
ENSG0000 response	Inflamed	ARRDC4	protein_cc chr15	98462784	98517068 +	4118	2055.325	0	0.438641	0.179345	2.445797	0.016218	0.060591	1
ENSG0000 response	Inflamed	JAM3	protein_cc chr11	1.34E+08	1.34E+08 +	5451	812.7064	0	-0.45395	0.185624	-2.44555	0.016229	0.060614	1
ENSG0000 response	Inflamed	RP13-516M	antisense chr17	80172103	80175228 +	2368	9.205251	0.119332	-0.45353	0.185453	-2.44555	0.016229	0.060614	1
ENSG0000 response	Inflamed	RPL7	protein_cc chr8	74202506	74208024 -	2903	16993.06	0	0.266127	0.108834	2.445254	0.016241	0.060651	1
ENSG0000 response	Inflamed	ANKRD27	protein_cc chr19	33087913	33167503 -	7855	1465.955	0	0.282172	0.1154	2.445175	0.016245	0.060655	1
ENSG0000 response	Inflamed	RNF217	protein_cc chr6	1.25E+08	1.25E+08 +	12779	216.6826	0	-0.44276	0.18112	-2.44458	0.01627	0.060741	1
ENSG0000 response	Inflamed	KCNA6	protein_cc chr12	4918342	4960277 +	5977	45.91408	0.023866	0.494822	0.20242	2.444527	0.016272	0.060741	1
ENSG0000 response	Inflamed	SPINK2	protein_cc chr4	57676026	57687908 -	766	18.89976	0.045346	0.442129	0.180955	2.443312	0.016324	0.060917	1
ENSG0000 response	Inflamed	RNU6-925	snRNA chr8	90912949	90913052 -	104	0.756563	0.799523	-0.21567	0.088272	-2.44329	0.016325	0.060917	1
ENSG0000 response	Inflamed	AC140481	pseudoger chr2	1.31E+08	1.31E+08 +	1722	2.460621	0.486874	0.394284	0.161377	2.443254	0.016326	0.060917	1
ENSG0000 response	Inflamed	PELI3	protein_cc chr11	66234216	66244808 +	3807	243.9475	0	-0.29166	0.119421	-2.44233	0.016366	0.061056	1
ENSG0000 response	Inflamed	CTC-350I8	lincRNA chr5	1.32E+08	1.32E+08 +	395	0.818616	0.785203	0.239792	0.098193	2.442061	0.016377	0.061089	1
ENSG0000 response	Inflamed	SHPK	protein_cc chr17	3468738	3539543 -	7400	5.00716	0.217184	0.375916	0.153944	2.441896	0.016384	0.061107	1
ENSG0000 response	Inflamed	AC125232	pseudoger chr2	87257800	87303536 -	2277	107.1742	0	0.24235	0.099251	2.441799	0.016388	0.061114	1
ENSG0000 response	Inflamed	HCG4B	pseudoger chr6	29893760	29894750 -	991	6.157518	0.159905	0.403589	0.1653	2.441552	0.016399	0.061144	1
ENSG0000 response	Inflamed	PHF17	protein_cc chr4	1.3E+08	1.3E+08 +	9110	565.5585	0	-0.33616	0.13769	-2.4414	0.016405	0.061152	1
ENSG0000 response	Inflamed	RP3-437C1	pseudoger chr6	51274879	51275335 -	457	3.522673	0.252983	-0.31064	0.127237	-2.4414	0.016406	0.061152	1
ENSG0000 response	Inflamed	CTD-3128C	antisense chr19	6748304	6751478 -	686	35.43675	0.01432	0.492455	0.201782	2.440529	0.016443	0.061282	1
ENSG0000 response	Inflamed	KREMEN2	protein_cc chr16	3013945	3018384 +	2614	32.82578	0	0.402672	0.165004	2.440377	0.016449	0.06129	1
ENSG0000 response	Inflamed	CTF1	protein_cc chr16	30907928	30914881 +	1664	56.65394	0	-0.40903	0.167608	-2.44037	0.01645	0.06129	1
ENSG0000 response	Inflamed	CTD-2031F	antisense chr5	55290995	55299477 +	2289	9.725537	0.054893	0.399475	0.163713	2.440103	0.016461	0.061322	1
ENSG0000 response	Inflamed	H1FX	protein_cc chr3	1.29E+08	1.29E+08 -	1506	3432.162	0	-0.30041	0.123119	-2.44002	0.016465	0.061322	1
ENSG0000 response	Inflamed	CELA1	protein_cc chr12	51722227	51740463 -	952	2.486874	0.448687	-0.32121	0.131643	-2.44001	0.016465	0.061322	1
ENSG0000 response	Inflamed	RND1	protein_cc chr12	49250928	49259681 -	3099	411.1241	0.002387	-0.55504	0.227508	-2.43964	0.016481	0.061372	1
ENSG0000 response	Inflamed	IZUMO2	protein_cc chr19	50655805	50666452 -	1511	1.725537	0.696897	0.444462	0.182189	2.439571	0.016484	0.061374	1
ENSG0000 response	Inflamed	BCL2L13	protein_cc chr22	18111621	18213388 +	7527	2150.42	0	0.181189	0.074275	2.439448	0.016489	0.061385	1
ENSG0000 response	Inflamed	CYP2AB1P	pseudoger chr3	1.84E+08	1.84E+08 -	1831	7.73031	0.486874	-0.68722	0.281735	-2.43926	0.016497	0.061407	1
ENSG0000 response	Inflamed	GPR31	protein_cc chr6	1.68E+08	1.68E+08 -	2059	6.353222	0.217184	-0.46053	0.188817	-2.43905	0.016506	0.061431	1
ENSG0000 response	Inflamed	RP11-415F	antisense chr3	16380815	16381378 +	564	15.51313	0.078759	0.512289	0.210079	2.438551	0.016528	0.061503	1
ENSG0000 response	Inflamed	LRRTM2	protein_cc chr5	1.38E+08	1.38E+08 -	6095	23.66348	0.033413	-0.51191	0.209975	-2.43796	0.016553	0.06158	1
ENSG0000 response	Inflamed	BMP8B	protein_cc chr1	40222854	40254533 -	5143	735.1408	0	0.322142	0.132137	2.437934	0.016554	0.06158	1
ENSG0000 response	Inflamed	ATP5SL	protein_cc chr19	41937223	41946622 -	4381	1384.246	0	0.136794	0.056111	2.437904	0.016556	0.06158	1
ENSG0000 response	Inflamed	RP11-513I	lincRNA chr6	34247456	34254545 +	7090	17.94749	0.052506	-0.50757	0.208269	-2.43709	0.016591	0.061693	1
ENSG0000 response	Inflamed	ARHGAP25	protein_cc chr1	94614544	94740624 -	15524	355.6635	0.002387	-0.67891	0.278575	-2.43709	0.016591	0.061693	1
ENSG0000 response	Inflamed	RP11-137F	antisense chr10	82289353	82295698 -	598	7.46778	0.138425	-0.36109	0.148168	-2.43704	0.016593	0.061693	1
ENSG0000 response	Inflamed	MFSD6	protein_cc chr2	1.91E+08	1.91E+08 +	6031	2977.167	0	0.357437	0.146718	2.436214	0.016629	0.061817	1
ENSG0000 response	Inflamed	EFNB2	protein_cc chr13	1.07E+08	1.07E+08 -	4461	6142.422	0	0.450983	0.185143	2.435863	0.016644	0.061865	1

ENSG0000 response	Inflamed	FAM109A	protein_cc chr12	1.12E+08	1.12E+08	-	3361	1848.048	0	0.272591	0.111923	2.435522	0.016659	0.061911	1
ENSG0000 response	Inflamed	AC007292	antisense chr19	4363786	4364637	+	746	35.2315	0.00716	0.331365	0.136062	2.435395	0.016664	0.061923	1
ENSG0000 response	Inflamed	MED27	protein_cc chr9	1.35E+08	1.35E+08	-	1823	345.2625	0	-0.18842	0.077371	-2.43525	0.016671	0.061938	1
ENSG0000 response	Inflamed	CLEC4G	protein_cc chr19	7793843	7798792	-	1754	32.40334	0.004773	-0.49552	0.203501	-2.43497	0.016683	0.061974	1
ENSG0000 response	Inflamed	RIMS3	protein_cc chr1	41086351	41131329	-	7235	2217.138	0	0.391505	0.160801	2.434724	0.016693	0.062005	1
ENSG0000 response	Inflamed	ARHGAP22	protein_cc chr10	49654077	49864310	-	6783	162.9833	0	-0.34812	0.143	-2.43443	0.016706	0.062044	1
ENSG0000 response	Inflamed	IGFALS	protein_cc chr16	1840414	1844972	-	2363	170.8783	0.004773	0.76002	0.312233	2.434141	0.016719	0.062081	1
ENSG0000 response	Inflamed	NAIP	protein_cc chr5	70264310	70320941	-	9513	110.7303	0.009547	-0.55456	0.227845	-2.43395	0.016727	0.062096	1
ENSG0000 response	Inflamed	NDUFB2-A	antisense chr7	1.4E+08	1.4E+08	-	1648	24.81623	0.009547	-0.26824	0.110208	-2.43394	0.016727	0.062096	1
ENSG0000 response	Inflamed	CITF22-49I	lincRNA chr22	47741319	47769291	+	4364	0.902148	0.787589	-0.25832	0.106149	-2.4336	0.016742	0.062142	1
ENSG0000 response	Inflamed	SRSF8	pseudoger chr11	94800056	94804388	+	4331	583.3437	0	0.31361	0.128884	2.433278	0.016756	0.062186	1
ENSG0000 response	Inflamed	SLC2A8	protein_cc chr9	1.3E+08	1.3E+08	+	3924	876.1241	0	0.183722	0.075512	2.433013	0.016768	0.06222	1
ENSG0000 response	Inflamed	BACE2	protein_cc chr21	42539728	42654445	+	9619	7111.062	0	-0.30422	0.125055	-2.43268	0.016782	0.062265	1
ENSG0000 response	Inflamed	UGT1A13F	pseudoger chr2	2.35E+08	2.35E+08	+	762	1.732697	0.642005	0.321875	0.132319	2.432564	0.016788	0.062275	1
ENSG0000 response	Inflamed	AP1AR	protein_cc chr4	1.13E+08	1.13E+08	+	3444	718.8162	0.002387	0.414836	0.170546	2.432391	0.016795	0.062294	1
ENSG0000 response	Inflamed	VARS	protein_cc chr6	31745295	31763730	-	6081	3880.635	0	-0.25811	0.106119	-2.43229	0.016799	0.062302	1
ENSG0000 response	Inflamed	RP11-387A	antisense chr2	1.77E+08	1.77E+08	-	1553	8.042959	0.136038	0.433852	0.178397	2.431953	0.016814	0.062348	1
ENSG0000 response	Inflamed	IL1R2	protein_cc chr2	1.03E+08	1.03E+08	+	3073	1308.783	0	0.472956	0.194493	2.431735	0.016824	0.062374	1
ENSG0000 response	Inflamed	LY6G6C	protein_cc chr6	31686425	31689622	-	1103	8.670644	0.124105	0.500773	0.205943	2.431608	0.016829	0.062386	1
ENSG0000 response	Inflamed	RP11-723C	antisense chr3	1.29E+08	1.29E+08	-	1456	15.36516	0.057279	-0.46557	0.191515	-2.43099	0.016856	0.062477	1
ENSG0000 response	Inflamed	AC006953	miRNA chr19	44167328	44167426	-	99	6.236277	0.257757	-0.45163	0.185795	-2.43079	0.016865	0.062501	1
ENSG0000 response	Inflamed	LHFPL1	protein_cc chrX	1.12E+08	1.12E+08	-	1843	1.778043	0.563246	-0.37262	0.1533	-2.4307	0.016869	0.062508	1
ENSG0000 response	Inflamed	RPL11	protein_cc chr1	24018269	24022915	+	1987	18456.96	0	0.32245	0.132678	2.430325	0.016886	0.062559	1
ENSG0000 response	Inflamed	UBL3	protein_cc chr13	30338508	30424821	-	4384	1747.737	0	0.351587	0.144671	2.430253	0.016889	0.062562	1
ENSG0000 response	Inflamed	SYBU	protein_cc chr8	1.11E+08	1.11E+08	-	7024	590.7518	0	0.356147	0.146552	2.430184	0.016892	0.062565	1
ENSG0000 response	Inflamed	AF011889	lincRNA chrX	1.49E+08	1.49E+08	-	655	18.00239	0.095465	0.56432	0.232225	2.430054	0.016897	0.062577	1
ENSG0000 response	Inflamed	TRAV20	TR_V_gen chr14	22508840	22509399	+	406	7.00716	0.159905	-0.4116	0.169389	-2.4299	0.016904	0.062594	1
ENSG0000 response	Inflamed	TALDO1	protein_cc chr11	747329	765024	+	3005	4768.74	0	-0.18353	0.075547	-2.42936	0.016928	0.062664	1
ENSG0000 response	Inflamed	SRPRB	protein_cc chr3	1.34E+08	1.34E+08	+	4180	1779.78	0	-0.26515	0.109145	-2.42936	0.016928	0.062664	1
ENSG0000 response	Inflamed	DNM2	protein_cc chr19	10828755	10944164	+	13443	23201.78	0	0.245716	0.101151	2.429199	0.016935	0.062681	1
ENSG0000 response	Inflamed	CTD-2383I	antisense chr11	1.01E+08	1.01E+08	-	1865	3.379475	0.300716	0.355075	0.146201	2.428682	0.016958	0.062752	1
ENSG0000 response	Inflamed	BTBD3	protein_cc chr20	11871371	11907257	+	6228	1605.332	0	0.385568	0.158758	2.428654	0.016959	0.062752	1
ENSG0000 response	Inflamed	CASK	protein_cc chrX	41374187	41782716	-	10547	2396.267	0	0.365108	0.150346	2.428446	0.016968	0.062777	1
ENSG0000 response	Inflamed	CTC-246B1	sense_ove chr19	39805291	39811498	-	877	2.949881	0.338902	-0.35443	0.145986	-2.42781	0.016996	0.062872	1
ENSG0000 response	Inflamed	CTD-2165I	pseudoger chr5	14620129	14621422	+	1294	7.367542	0.205251	0.483073	0.198992	2.427607	0.017005	0.062896	1
ENSG0000 response	Inflamed	RP11-169K	pseudoger chr1	16133679	16134194	-	516	173.9761	0	0.297362	0.122504	2.427369	0.017016	0.062926	1
ENSG0000 response	Inflamed	PPEF1	protein_cc chrX	18694029	18846039	+	3515	1.854415	0.565632	-0.32088	0.132204	-2.42718	0.017024	0.062949	1
ENSG0000 response	Inflamed	KCP	processed_chr7	1.29E+08	1.29E+08	-	8326	124.9356	0	-0.51036	0.21033	-2.4265	0.017054	0.063047	1
ENSG0000 response	Inflamed	PRSS36	protein_cc chr16	31150246	31161415	-	3685	167.9093	0	0.323508	0.133325	2.426467	0.017056	0.063047	1
ENSG0000 response	Inflamed	MIR4454	antisense chr5	1.7E+08	1.7E+08	-	1191	2.656325	0.501193	-0.39867	0.164315	-2.42628	0.017064	0.063069	1

ENSG0000 response	Inflamed	RP5-902P8	lincRNA	chr1	1210603	1215800	+	513	10.55131	0.083532	-0.41634	0.171616	-2.42603	0.017075	0.063102	1
ENSG0000 response	Inflamed	USP30-AS1	antisense	chr12	1.09E+08	1.09E+08	-	656	108.3222	0	-0.34511	0.142269	-2.42573	0.017088	0.063139	1
ENSG0000 response	Inflamed	LNP1	protein_cc	chr3	1E+08	1E+08	+	2249	51.11456	0.00716	-0.37011	0.152581	-2.42569	0.01709	0.063139	1
ENSG0000 response	Inflamed	RP11-360F	lincRNA	chr4	39135533	39137228	+	455	8.470167	0.176611	-0.49222	0.202927	-2.42558	0.017095	0.063149	1
ENSG0000 response	Inflamed	AC090587	antisense	chr11	3875548	3876739	-	494	7.642005	0.02148	-0.27652	0.114013	-2.42537	0.017105	0.063174	1
ENSG0000 response	Inflamed	CTD-2620I	lincRNA	chr19	53510765	53516433	+	4060	0.904535	0.789976	-0.26771	0.110382	-2.42531	0.017107	0.063174	1
ENSG0000 response	Inflamed	AC009133	antisense	chr16	29819966	29823306	-	2725	925.6062	0	0.518959	0.213982	2.425248	0.01711	0.063176	1
ENSG0000 response	Inflamed	TPD52	protein_cc	chr8	80870571	81143467	-	8341	7407.253	0	0.367596	0.151582	2.425067	0.017118	0.063197	1
ENSG0000 response	Inflamed	CBLN4	protein_cc	chr20	54572496	54580528	-	3024	4.732697	0.362768	0.481511	0.198571	2.424879	0.017126	0.063219	1
ENSG0000 response	Inflamed	SLC35B4	protein_cc	chr7	1.34E+08	1.34E+08	-	7109	543.2124	0	-0.34489	0.142252	-2.42453	0.017142	0.063266	1
ENSG0000 response	Inflamed	LINC0101C	lincRNA	chr6	1.35E+08	1.35E+08	+	2583	2.319809	0.527446	-0.37795	0.15589	-2.42448	0.017144	0.063266	1
ENSG0000 response	Inflamed	COPE	protein_cc	chr19	19010323	19030206	-	2885	4515.654	0	-0.17345	0.071557	-2.42396	0.017167	0.063343	1
ENSG0000 response	Inflamed	HSD17B3	protein_cc	chr9	98997588	99064434	-	2056	26.26253	0.045346	0.516462	0.213076	2.423834	0.017173	0.063355	1
ENSG0000 response	Inflamed	TMEM215	protein_cc	chr9	32783497	32787397	+	3581	4.818616	0.384248	-0.49956	0.206166	-2.4231	0.017205	0.063459	1
ENSG0000 response	Inflamed	MPPED2	protein_cc	chr11	30406040	30608419	-	8198	12.54654	0.059666	-0.47998	0.198084	-2.42309	0.017206	0.063459	1
ENSG0000 response	Inflamed	PPP1R11	protein_cc	chr6	30034486	30038110	+	2538	5304.241	0	0.154571	0.063808	2.42242	0.017236	0.063561	1
ENSG0000 response	Inflamed	CD300LD	protein_cc	chr17	72575504	72588422	-	1303	1.933174	0.763723	-0.43633	0.180181	-2.4216	0.017273	0.063682	1
ENSG0000 response	Inflamed	FOXP1	protein_cc	chr3	71003844	71633140	-	13359	2118.979	0	0.287191	0.118597	2.421583	0.017273	0.063682	1
ENSG0000 response	Inflamed	CTB-83J4.1	lincRNA	chr19	54728395	54728753	+	359	0.909308	0.775656	-0.24312	0.100404	-2.42141	0.017281	0.063702	1
ENSG0000 response	Inflamed	MOXD1	protein_cc	chr6	1.33E+08	1.33E+08	-	5293	334.0955	0	-0.54244	0.224174	-2.41971	0.017357	0.063974	1
ENSG0000 response	Inflamed	ERO1LB	protein_cc	chr1	2.36E+08	2.36E+08	-	5688	286.1623	0	-0.4371	0.180655	-2.41952	0.017366	0.063997	1
ENSG0000 response	Inflamed	TRIM69	protein_cc	chr15	45021186	45060027	+	9237	1773.785	0	-0.30323	0.125347	-2.41912	0.017384	0.064046	1
ENSG0000 response	Inflamed	SLC10A5	protein_cc	chr8	82605842	82608409	-	2568	54.09069	0.009547	0.609047	0.251764	2.419115	0.017384	0.064046	1
ENSG0000 response	Inflamed	UBE2I	protein_cc	chr16	1355548	1377019	+	12368	3538.573	0	-0.1164	0.04812	-2.4189	0.017394	0.064072	1
ENSG0000 response	Inflamed	PAPSS2	protein_cc	chr10	89419370	89507462	+	4116	9500.895	0	0.336309	0.139047	2.418673	0.017404	0.064101	1
ENSG0000 response	Inflamed	HOXB-AS1	antisense	chr17	46620913	46628610	+	1557	35.3389	0.004773	-0.43048	0.177988	-2.41858	0.017408	0.064107	1
ENSG0000 response	Inflamed	CEBPD	protein_cc	chr8	48649471	48651648	-	2178	2404.036	0	-0.36308	0.15016	-2.41792	0.017438	0.064205	1
ENSG0000 response	Inflamed	RP11-153I	pseudoger	chr4	1.55E+08	1.55E+08	+	1082	0.933174	0.778043	-0.23814	0.098491	-2.41787	0.01744	0.064205	1
ENSG0000 response	Inflamed	TMEM218	protein_cc	chr11	1.25E+08	1.25E+08	-	5467	465.5632	0	-0.20101	0.083136	-2.41783	0.017442	0.064205	1
ENSG0000 response	Inflamed	RP11-927F	pseudoger	chr17	62774960	62775055	-	96	27.93795	0.019093	0.378069	0.156384	2.417569	0.017454	0.06424	1
ENSG0000 response	Inflamed	HOXD9	protein_cc	chr2	1.77E+08	1.77E+08	+	2418	156.2172	0	-0.49206	0.203563	-2.41726	0.017468	0.064282	1
ENSG0000 response	Inflamed	CA8	protein_cc	chr8	61099906	61193971	-	5783	225.9451	0	0.399276	0.165181	2.4172	0.017471	0.064283	1
ENSG0000 response	Inflamed	NOXO1	protein_cc	chr16	2028918	2034193	-	2159	676.9093	0	0.450889	0.186547	2.417025	0.017479	0.064303	1
ENSG0000 response	Inflamed	PKP3	protein_cc	chr11	392614	404908	+	3787	8272.353	0	0.478295	0.197896	2.416904	0.017484	0.064314	1
ENSG0000 response	Inflamed	RP11-421I	pseudoger	chr18	65945039	65945480	-	442	13.03103	0.02148	0.354149	0.146541	2.416721	0.017492	0.064326	1
ENSG0000 response	Inflamed	ATP1A3	protein_cc	chr19	42470734	42501649	-	5069	62.15752	0.01432	-0.48113	0.199084	-2.4167	0.017493	0.064326	1
ENSG0000 response	Inflamed	SUCLG2P2	pseudoger	chr12	94942017	94943312	+	1296	11.65632	0.050119	0.375243	0.155278	2.416587	0.017498	0.064326	1
ENSG0000 response	Inflamed	RPS29P12	pseudoger	chr5	1.8E+08	1.8E+08	+	152	2.649165	0.508353	0.402367	0.166502	2.416586	0.017498	0.064326	1
ENSG0000 response	Inflamed	SUV39H1	protein_cc	chrX	48553945	48567403	+	3368	424.7232	0	-0.22146	0.091642	-2.41656	0.017499	0.064326	1
ENSG0000 response	Inflamed	AUTS2	protein_cc	chr7	69063905	70258054	+	10418	1669.936	0	0.42638	0.176458	2.416326	0.01751	0.064357	1

ENSG0000 response	Inflamed	LINC00908	protein_cc chr18	74240612	74322925	+	3036	8.665871	0.045346	-0.40445	0.167413	-2.41585	0.017532	0.064426	1
ENSG0000 response	Inflamed	RP11-366A	pseudoger chr4	1.66E+08	1.66E+08	-	1416	8.090692	0.097852	-0.43002	0.178017	-2.41562	0.017542	0.064456	1
ENSG0000 response	Inflamed	PHOSPHO1	protein_cc chr2	1.71E+08	1.71E+08	+	1477	69.90215	0	0.353195	0.146225	2.415418	0.017551	0.064481	1
ENSG0000 response	Inflamed	AC003104	sense_intr chr17	40422535	40424701	-	1496	2.923628	0.384248	-0.38392	0.158954	-2.41532	0.017556	0.064487	1
ENSG0000 response	Inflamed	PLA2G3	protein_cc chr22	31530795	31536593	-	2697	75.44153	0.126492	-0.84522	0.349948	-2.41528	0.017558	0.064487	1
ENSG0000 response	Inflamed	TLR5	protein_cc chr1	2.23E+08	2.23E+08	-	4651	148.6205	0	-0.43851	0.181567	-2.41515	0.017564	0.064498	1
ENSG0000 response	Inflamed	GJC3	protein_cc chr7	99520892	99527243	-	1116	2.286396	0.446301	-0.34004	0.140804	-2.41497	0.017572	0.06452	1
ENSG0000 response	Inflamed	CACNA1A	protein_cc chr19	13317256	13734804	-	10904	152.0621	0	0.514575	0.213088	2.41485	0.017577	0.064531	1
ENSG0000 response	Inflamed	JUND	protein_cc chr19	18390563	18392432	-	1870	6651.37	0	0.255655	0.10589	2.414348	0.0176	0.064606	1
ENSG0000 response	Inflamed	ZNF667-AS1	lincRNA chr19	56988619	57012035	+	3623	83.18138	0	-0.3903	0.161663	-2.41427	0.017604	0.064607	1
ENSG0000 response	Inflamed	TMEM170	protein_cc chr6	11537938	11583757	+	8426	112.1432	0.004773	-0.45064	0.186665	-2.41418	0.017608	0.064607	1
ENSG0000 response	Inflamed	RP5-884M	lincRNA chr7	1.06E+08	1.06E+08	+	3542	77.30072	0.155131	-0.86092	0.356611	-2.41417	0.017608	0.064607	1
ENSG0000 response	Inflamed	SULF2	protein_cc chr20	46285092	46415360	-	6657	7129.613	0	-0.25479	0.105541	-2.41413	0.01761	0.064607	1
ENSG0000 response	Inflamed	HIST1H2A1	protein_cc chr6	26217165	26217711	+	547	30.23389	0.002387	0.387505	0.160526	2.413975	0.017617	0.064623	1
ENSG0000 response	Inflamed	LIMS1	protein_cc chr2	1.09E+08	1.09E+08	+	7626	1244.933	0	-0.40406	0.167401	-2.41371	0.017629	0.064659	1
ENSG0000 response	Inflamed	COX7A1	protein_cc chr19	36641824	36643771	-	1006	107.2124	0.002387	-0.49127	0.203547	-2.41353	0.017637	0.06468	1
ENSG0000 response	Inflamed	RP11-456C	lincRNA chr18	53750587	53804767	-	3458	1.97136	0.634845	-0.37718	0.156302	-2.41313	0.017656	0.064737	1
ENSG0000 response	Inflamed	COX19	protein_cc chr7	938415	1015235	-	5542	688.9952	0	0.193549	0.080214	2.412897	0.017666	0.064767	1
ENSG0000 response	Inflamed	RP11-395E	antisense chr7	1.01E+08	1.01E+08	-	407	14.9642	0.004773	-0.3999	0.165744	-2.41278	0.017672	0.064773	1
ENSG0000 response	Inflamed	RP11-1191	antisense chr4	646639	649434	-	1785	1.615752	0.653938	-0.31322	0.129818	-2.41276	0.017673	0.064773	1
ENSG0000 response	Inflamed	GHR	protein_cc chr5	42423879	42721979	+	5871	112.0167	0.009547	0.486768	0.201762	2.412586	0.01768	0.064792	1
ENSG0000 response	Inflamed	RP11-725F	lincRNA chr2	1.33E+08	1.33E+08	-	1682	14.70644	0.081146	0.500724	0.207554	2.412503	0.017684	0.064797	1
ENSG0000 response	Inflamed	ACVRL1	protein_cc chr12	52300692	52317145	+	5040	8823.988	0	0.247831	0.102731	2.412427	0.017688	0.064801	1
ENSG0000 response	Inflamed	SCD5	protein_cc chr4	83550692	83720010	-	4551	245.5418	0	-0.37461	0.155287	-2.41237	0.01769	0.064802	1
ENSG0000 response	Inflamed	RP1-283K1	antisense chr6	1.34E+08	1.34E+08	-	317	1.157518	0.720764	0.263076	0.10906	2.412219	0.017697	0.064814	1
ENSG0000 response	Inflamed	ERN1	protein_cc chr17	62116502	62208179	-	10864	2035.205	0	-0.31144	0.129109	-2.41219	0.017699	0.064814	1
ENSG0000 response	Inflamed	JAGN1	protein_cc chr3	9932238	9936033	+	1799	1368.026	0	0.171729	0.071199	2.411942	0.01771	0.064846	1
ENSG0000 response	Inflamed	RP1	protein_cc chr8	55528627	55543394	+	7100	1.357995	0.76611	-0.34803	0.144304	-2.41175	0.017719	0.064864	1
ENSG0000 response	Inflamed	GTSE1	protein_cc chr22	46692638	46726707	+	4242	543.4439	0	-0.33086	0.13719	-2.41172	0.01772	0.064864	1
ENSG0000 response	Inflamed	LEMD1	protein_cc chr1	2.05E+08	2.05E+08	-	1063	2.147971	0.610979	-0.41993	0.174167	-2.41105	0.017751	0.064968	1
ENSG0000 response	Inflamed	RP11-129J	lincRNA chr10	1.01E+08	1.01E+08	+	392	3.76611	0.291169	-0.34493	0.143083	-2.41071	0.017767	0.065018	1
ENSG0000 response	Inflamed	MACROD2	protein_cc chr20	13976015	16033842	+	11342	50.6253	0.019093	0.52157	0.216361	2.41065	0.017769	0.065018	1
ENSG0000 response	Inflamed	COQ7	protein_cc chr16	19078921	19091417	+	4120	697.2363	0	0.22851	0.0948	2.410438	0.017779	0.065045	1
ENSG0000 response	Inflamed	LINC0087C	lincRNA chr3	72200408	72223483	+	2933	13.32458	0.090692	0.501393	0.208034	2.410148	0.017792	0.065084	1
ENSG0000 response	Inflamed	BTBD9	protein_cc chr6	38136227	38607924	-	9451	1551.337	0	0.268087	0.111237	2.410067	0.017796	0.065089	1
ENSG0000 response	Inflamed	RPL22	protein_cc chr1	6241329	6269449	-	4900	5882.728	0	0.262957	0.109119	2.409813	0.017808	0.065123	1
ENSG0000 response	Inflamed	AC103563	antisense chr2	95690938	95692454	-	478	1.210024	0.727924	-0.30045	0.124684	-2.40967	0.017814	0.065137	1
ENSG0000 response	Inflamed	AL161668	lincRNA chr14	21492331	21497430	+	593	3.873508	0.338902	0.300181	0.124598	2.409195	0.017836	0.065204	1
ENSG0000 response	Inflamed	RP11-552I	sense_ove chr1	1.12E+08	1.12E+08	-	861	7.546539	0.088305	0.4007	0.166323	2.409169	0.017837	0.065204	1
ENSG0000 response	Inflamed	MT-TE	Mt_trRNA chrM	14674	14742	-	69	116.4606	0	0.439417	0.1824	2.40908	0.017842	0.06521	1

ENSG0000 response	Inflamed	FGF17	protein_cc chr8	21899909	21906320	+	3287	6.01432	0.178998	0.41305	0.171463	2.408979	0.017846	0.065218	1
ENSG0000 response	Inflamed	MROH3P	pseudoger chr1	2.01E+08	2.01E+08	+	2625	167.0859	0.01432	0.707567	0.293817	2.408193	0.017882	0.065341	1
ENSG0000 response	Inflamed	CXCL10	protein_cc chr4	76942273	76944650	-	1173	535.4678	0	-0.86554	0.359473	-2.40779	0.017901	0.0654	1
ENSG0000 response	Inflamed	OR7E38P	pseudoger chr7	97595402	97596386	-	985	128.3819	0	-0.23317	0.096844	-2.40772	0.017904	0.065402	1
ENSG0000 response	Inflamed	RP11-244C	sense_ove chr9	1.25E+08	1.25E+08	-	3779	130.8974	0.002387	0.30848	0.128166	2.406876	0.017943	0.065536	1
ENSG0000 response	Inflamed	FA2H	protein_cc chr16	74746853	74808729	-	3010	2954.835	0	0.366344	0.152214	2.406761	0.017949	0.065547	1
ENSG0000 response	Inflamed	AL133493.	lincRNA chr21	47013568	47017005	+	845	2.520286	0.424821	-0.30723	0.1277	-2.40589	0.017989	0.065686	1
ENSG0000 response	Inflamed	MIR4461	pseudoger chr5	1.34E+08	1.34E+08	-	297	6.193317	0.381862	0.371583	0.154454	2.40578	0.017994	0.065695	1
ENSG0000 response	Inflamed	METTL6	protein_cc chr3	15422782	15482073	-	5712	223.926	0	-0.25207	0.104785	-2.40562	0.018002	0.065709	1
ENSG0000 response	Inflamed	TMEM63B	protein_cc chr6	44094651	44123256	+	4425	3591.589	0	0.241855	0.100539	2.405578	0.018004	0.065709	1
ENSG0000 response	Inflamed	ABCA8	protein_cc chr17	66863433	66951533	-	11288	614.3747	0.004773	0.719488	0.299097	2.405536	0.018006	0.065709	1
ENSG0000 response	Inflamed	GRAP2	protein_cc chr22	40297086	40369725	+	6190	357.8878	0	-0.36712	0.152639	-2.40512	0.018025	0.065771	1
ENSG0000 response	Inflamed	SLC35D3	protein_cc chr6	1.37E+08	1.37E+08	+	2359	11.57518	0.124105	0.473069	0.196708	2.40493	0.018034	0.065791	1
ENSG0000 response	Inflamed	GIMAP2	protein_cc chr7	1.5E+08	1.5E+08	+	2097	353.0764	0	-0.33637	0.139867	-2.40489	0.018036	0.065791	1
ENSG0000 response	Inflamed	ATRIP	protein_cc chr3	48488114	48507115	+	3417	276.9236	0	-0.19441	0.080842	-2.40482	0.018039	0.065794	1
ENSG0000 response	Inflamed	AVPR2	protein_cc chrX	1.53E+08	1.53E+08	+	2231	42.2673	0.009547	-0.48757	0.202801	-2.40418	0.018069	0.065893	1
ENSG0000 response	Inflamed	MFN2	protein_cc chr1	12040238	12073571	+	4973	5991.94	0	0.216158	0.089932	2.403574	0.018097	0.065988	1
ENSG0000 response	Inflamed	ZDHHC7	protein_cc chr16	85007787	85045141	-	3947	3599.253	0	0.201841	0.083991	2.403134	0.018118	0.066053	1
ENSG0000 response	Inflamed	CTD-2555A	lincRNA chr16	89112580	89119373	-	2154	5.190931	0.178998	0.385222	0.160326	2.402752	0.018135	0.066109	1
ENSG0000 response	Inflamed	RP11-809C	sense_ove chr10	709498	712562	+	550	2.627685	0.448687	0.320832	0.133543	2.402457	0.018149	0.06615	1
ENSG0000 response	Inflamed	DDB2	protein_cc chr11	47236493	47260767	+	1846	676.2458	0	-0.21503	0.089515	-2.40221	0.018161	0.066184	1
ENSG0000 response	Inflamed	GS1-204I1	lincRNA chr1	1.86E+08	1.86E+08	+	901	6.334129	0.243437	0.525626	0.218815	2.402143	0.018164	0.066186	1
ENSG0000 response	Inflamed	IL31RA	protein_cc chr5	55147207	55218678	+	4400	23.69451	0.088305	-0.64679	0.269306	-2.40169	0.018185	0.066253	1
ENSG0000 response	Inflamed	CTC-228N	lincRNA chr5	1.27E+08	1.27E+08	-	388	1.0358	0.754177	0.259161	0.107914	2.401547	0.018192	0.066269	1
ENSG0000 response	Inflamed	OTOF	protein_cc chr2	26680071	26781566	-	7885	17.62768	0.0358	-0.47125	0.196234	-2.4015	0.018194	0.066269	1
ENSG0000 response	Inflamed	ITLN1	protein_cc chr1	1.61E+08	1.61E+08	-	1483	27697.56	0	0.924603	0.385061	2.401184	0.018209	0.066313	1
ENSG0000 response	Inflamed	AKIRIN2	protein_cc chr6	88384790	88411927	-	1999	1734.864	0	-0.22308	0.092914	-2.40097	0.018219	0.066335	1
ENSG0000 response	Inflamed	IFI6	protein_cc chr1	27992572	27998729	-	865	1111.764	0	-0.42329	0.176303	-2.40095	0.01822	0.066335	1
ENSG0000 response	Inflamed	TSC22D4	protein_cc chr7	1E+08	1E+08	-	3715	3161.785	0	-0.19239	0.080132	-2.40086	0.018224	0.066341	1
ENSG0000 response	Inflamed	HMGB3P2	pseudoger chr5	1.79E+08	1.79E+08	+	838	5.5179	0.105012	-0.30504	0.127059	-2.40077	0.018228	0.066347	1
ENSG0000 response	Inflamed	APLP2	protein_cc chr11	1.3E+08	1.3E+08	+	7444	20839.55	0	0.301184	0.125458	2.40068	0.018233	0.066353	1
ENSG0000 response	Inflamed	CTD-2256F	lincRNA chr5	10269601	10270030	-	430	3.591885	0.355609	0.332864	0.138673	2.400355	0.018248	0.066392	1
ENSG0000 response	Inflamed	RP11-13P5	antisense chr6	1.6E+08	1.6E+08	-	812	3.677804	0.403341	-0.45735	0.190536	-2.40034	0.018249	0.066392	1
ENSG0000 response	Inflamed	MTX1	protein_cc chr1	1.55E+08	1.55E+08	+	3278	524.5227	0	-0.15894	0.066218	-2.40029	0.018251	0.066392	1
ENSG0000 response	Inflamed	YARS	protein_cc chr1	33240840	33283754	-	8210	2936.227	0	-0.20263	0.084425	-2.40008	0.018261	0.066418	1
ENSG0000 response	Inflamed	CTC-428G	antisense chr5	1.15E+08	1.15E+08	+	944	21.40334	0	0.260158	0.108405	2.399878	0.01827	0.06644	1
ENSG0000 response	Inflamed	SUCLA2	protein_cc chr13	48510622	48612125	-	3786	952.8496	0	0.291154	0.121322	2.399852	0.018272	0.06644	1
ENSG0000 response	Inflamed	FBXL12	protein_cc chr19	9920943	9938492	-	2913	895.7041	0	0.173587	0.072336	2.399721	0.018278	0.066453	1
ENSG0000 response	Inflamed	CTB-113P1	antisense chr5	1.51E+08	1.51E+08	+	1567	0.897375	0.770883	-0.24197	0.100856	-2.39922	0.018301	0.06653	1
ENSG0000 response	Inflamed	RNF180	protein_cc chr5	63461671	63668696	+	5434	33.77566	0.026253	-0.46425	0.193546	-2.39864	0.018329	0.066621	1

ENSG0000 response	Inflamed	C1orf115	protein_cc chr1	2.21E+08	2.21E+08	+	3413	3249.484	0	0.332001	0.138427	2.398374	0.018341	0.066656	1
ENSG0000 response	Inflamed	RP3-439F8	antisense chr22	46937392	46944093	+	2949	4.842482	0.288783	-0.42872	0.178766	-2.39823	0.018348	0.066671	1
ENSG0000 response	Inflamed	AC023590	protein_cc chr8	1.19E+08	1.19E+08	+	1617	8.193317	0.293556	-0.58997	0.246006	-2.39818	0.01835	0.066671	1
ENSG0000 response	Inflamed	RP11-597L	pseudoger chr4	1.59E+08	1.59E+08	+	3616	26.97852	0.064439	0.616407	0.257046	2.398043	0.018357	0.066685	1
ENSG0000 response	Inflamed	C19orf73	protein_cc chr19	49621655	49622397	-	743	32.73508	0.002387	0.305504	0.127405	2.397898	0.018364	0.066701	1
ENSG0000 response	Inflamed	CTD-2162L	protein_cc chr19	37264055	37267980	+	2050	3.952267	0.25537	-0.3831	0.159772	-2.39778	0.018369	0.066707	1
ENSG0000 response	Inflamed	SPATA20	protein_cc chr17	48620419	48633213	+	5237	3318.542	0	0.180533	0.075292	2.39776	0.01837	0.066707	1
ENSG0000 response	Inflamed	RP11-666L	lincRNA chr1	1.49E+08	1.49E+08	+	365	0.856802	0.78043	-0.23467	0.097876	-2.39765	0.018375	0.066715	1
ENSG0000 response	Inflamed	CCDC157	protein_cc chr22	30752624	30774647	+	6586	113.0979	0	-0.19432	0.08105	-2.39756	0.01838	0.066715	1
ENSG0000 response	Inflamed	MAGEE1	protein_cc chrX	75648046	75651744	+	3699	65.56563	0.01432	-0.42377	0.17675	-2.39755	0.01838	0.066715	1
ENSG0000 response	Inflamed	MYH7B	protein_cc chr20	33563206	33590240	+	7929	46.62291	0.023866	0.393539	0.164146	2.397496	0.018383	0.066715	1
ENSG0000 response	Inflamed	AC006946	lincRNA chr22	17548711	17551565	+	2855	16.04296	0.081146	-0.53393	0.222724	-2.39726	0.018394	0.066746	1
ENSG0000 response	Inflamed	MLLT4	protein_cc chr6	1.68E+08	1.68E+08	+	13424	6402.897	0	0.385192	0.160689	2.397121	0.018401	0.066761	1
ENSG0000 response	Inflamed	TM7SF2	protein_cc chr11	64879317	64883856	+	3408	514.0621	0	0.262519	0.109528	2.396828	0.018414	0.066802	1
ENSG0000 response	Inflamed	FPGS	protein_cc chr9	1.31E+08	1.31E+08	+	4040	1848.718	0	-0.21563	0.089969	-2.39666	0.018422	0.066822	1
ENSG0000 response	Inflamed	RP11-57H	sense_intr chr1	95585703	95604110	+	420	4.002387	0.372315	0.345762	0.144274	2.396565	0.018427	0.066828	1
ENSG0000 response	Inflamed	TSSC2	pseudoger chr11	3402191	3430208	+	3666	50.98091	0.004773	-0.46241	0.192953	-2.39652	0.018429	0.066828	1
ENSG0000 response	Inflamed	MROH1	protein_cc chr8	1.45E+08	1.45E+08	+	10903	914.4439	0	0.198377	0.082793	2.396058	0.018451	0.066898	1
ENSG0000 response	Inflamed	C12orf42	protein_cc chr12	1.04E+08	1.04E+08	-	4863	7.429594	0.193317	-0.39815	0.166179	-2.39591	0.018458	0.066913	1
ENSG0000 response	Inflamed	GOLGA5P1	pseudoger chr5	39169312	39170437	-	980	1.346062	0.689737	-0.30604	0.127739	-2.39584	0.018461	0.066916	1
ENSG0000 response	Inflamed	C12orf49	protein_cc chr12	1.17E+08	1.17E+08	-	3061	2170.024	0	0.162301	0.067778	2.394611	0.01852	0.06712	1
ENSG0000 response	Inflamed	RP11-25K1	antisense chr8	60031599	60033905	+	1743	107.6587	0	0.231421	0.096646	2.394528	0.018524	0.067125	1
ENSG0000 response	Inflamed	GK3P	pseudoger chr4	1.66E+08	1.66E+08	-	2232	1.747017	0.596659	-0.35184	0.146953	-2.39426	0.018537	0.067157	1
ENSG0000 response	Inflamed	AC007318	pseudoger chr2	65432137	65433396	+	1260	27.35084	0	0.255004	0.106511	2.394146	0.018542	0.067157	1
ENSG0000 response	Inflamed	DDOST	protein_cc chr1	20978270	20988000	-	2674	9907.728	0	-0.15644	0.065341	-2.39412	0.018543	0.067157	1
ENSG0000 response	Inflamed	AC115618	protein_cc chrX	48431482	48433275	-	1794	4.980907	0.066826	-0.25014	0.104483	-2.39408	0.018545	0.067157	1
ENSG0000 response	Inflamed	RRAS	protein_cc chr19	50138549	50143458	-	1160	1790.699	0	-0.21546	0.089995	-2.39407	0.018546	0.067157	1
ENSG0000 response	Inflamed	CDK9	protein_cc chr9	1.31E+08	1.31E+08	+	3000	2225.382	0	-0.16947	0.070794	-2.39382	0.018558	0.067192	1
ENSG0000 response	Inflamed	RP11-809L	pseudoger chr11	73221703	73221865	+	163	103.148	0.019093	0.470213	0.196445	2.393617	0.018567	0.067218	1
ENSG0000 response	Inflamed	NMT1	protein_cc chr17	43128978	43186384	+	6669	3749.721	0	-0.18722	0.07823	-2.39325	0.018585	0.067272	1
ENSG0000 response	Inflamed	FAM43B	protein_cc chr1	20878932	20881512	+	2581	9.031026	0.140811	-0.5519	0.230633	-2.39299	0.018597	0.067308	1
ENSG0000 response	Inflamed	SLC6A18	protein_cc chr5	1225470	1246304	+	2125	3.288783	0.536993	0.354668	0.148228	2.392728	0.01861	0.067344	1
ENSG0000 response	Inflamed	TEF	protein_cc chr22	41763337	41795330	+	4715	2173.337	0	0.353533	0.147758	2.392653	0.018613	0.067347	1
ENSG0000 response	Inflamed	OTUD5	protein_cc chrX	48779305	48815648	-	3329	3011.687	0	-0.15026	0.062807	-2.39235	0.018628	0.067391	1
ENSG0000 response	Inflamed	CYP4F8	processed_chr19	15726029	15741448	+	7047	2.205251	0.637232	0.33278	0.139106	2.392281	0.018631	0.067392	1
ENSG0000 response	Inflamed	ZNF267	protein_cc chr16	31885079	31928668	+	6323	346.9045	0	-0.41889	0.175105	-2.39224	0.018633	0.067392	1
ENSG0000 response	Inflamed	MRPL27	protein_cc chr17	48445218	48450575	-	3027	940.432	0	0.208232	0.087051	2.39208	0.018641	0.06741	1
ENSG0000 response	Inflamed	SIAH2	protein_cc chr3	1.5E+08	1.5E+08	-	2617	1566.019	0	-0.14215	0.05943	-2.39184	0.018652	0.067442	1
ENSG0000 response	Inflamed	JMJD6	protein_cc chr17	74708919	74722866	-	5949	1020.668	0	-0.16249	0.067959	-2.39094	0.018696	0.067589	1
ENSG0000 response	Inflamed	DYNLL2	protein_cc chr17	56160776	56172897	+	6805	5741.415	0	0.220255	0.092147	2.390256	0.018728	0.067699	1

ENSG0000 response	Inflamed	FAM221A	protein_cc chr7	23719749	23742868	+	7458	288.4177	0	0.466071	0.194998	2.39013	0.018735	0.067711	1
ENSG0000 response	Inflamed	CRYM-AS1	lincRNA chr16	21312170	21329912	+	2515	13.36754	0.062053	0.436549	0.182651	2.390069	0.018737	0.067712	1
ENSG0000 response	Inflamed	CTD-2127f	lincRNA chr5	38736157	38845931	-	1319	3.026253	0.350835	-0.3559	0.148914	-2.39	0.018741	0.067715	1
ENSG0000 response	Inflamed	SORBS3	protein_cc chr8	22402499	22433301	+	6110	3242.993	0	0.300412	0.125698	2.389948	0.018743	0.067715	1
ENSG0000 response	Inflamed	RP11-73K9	lincRNA chr4	1.13E+08	1.13E+08	-	349	2.899761	0.353222	-0.34153	0.142909	-2.38984	0.018749	0.067725	1
ENSG0000 response	Inflamed	DYNC1I1	protein_cc chr7	95401866	95739634	+	4520	15.02625	0.023866	-0.42891	0.179482	-2.38971	0.018755	0.067738	1
ENSG0000 response	Inflamed	RP11-112f	antisense chr17	56597198	56634338	+	1575	28.00955	0.00716	-0.38744	0.162146	-2.38945	0.018767	0.067773	1
ENSG0000 response	Inflamed	GDF7	protein_cc chr2	20866424	20873418	+	4162	38.95465	0.023866	-0.56247	0.235407	-2.38936	0.018772	0.067778	1
ENSG0000 response	Inflamed	AC007879	lincRNA chr2	2.08E+08	2.08E+08	-	1095	5	0.183771	-0.38311	0.16035	-2.38921	0.018779	0.067797	1
ENSG0000 response	Inflamed	TCF25	protein_cc chr16	89940000	89977792	+	5995	5074.153	0	-0.1204	0.050397	-2.38906	0.018786	0.067807	1
ENSG0000 response	Inflamed	DCBLD1	protein_cc chr6	1.18E+08	1.18E+08	+	6819	1065.656	0	-0.3782	0.158305	-2.38905	0.018787	0.067807	1
ENSG0000 response	Inflamed	UNKL	protein_cc chr16	1413206	1464752	-	8504	859.4248	0	-0.32695	0.136876	-2.38867	0.018805	0.067862	1
ENSG0000 response	Inflamed	NUP62	protein_cc chr19	50410082	50433020	-	6020	2863.196	0	-0.21214	0.088817	-2.38849	0.018814	0.067878	1
ENSG0000 response	Inflamed	FAM220A	protein_cc chr7	6369040	6388612	-	2395	355.7566	0	-0.19129	0.080089	-2.38847	0.018814	0.067878	1
ENSG0000 response	Inflamed	RAC1	protein_cc chr7	6414154	6443608	+	3114	14665.37	0	0.173	0.072452	2.38778	0.018848	0.06799	1
ENSG0000 response	Inflamed	ZNF691	protein_cc chr1	43312280	43318148	+	2141	256.3126	0	-0.18986	0.079514	-2.38772	0.018851	0.067991	1
ENSG0000 response	Inflamed	OVCH1	protein_cc chr12	29565407	29650619	-	3958	2.147971	0.513126	-0.30558	0.127982	-2.38767	0.018853	0.067991	1
ENSG0000 response	Inflamed	DENND5B	protein_cc chr12	31535157	31744031	-	11310	821.3437	0	-0.44895	0.188034	-2.38761	0.018856	0.067992	1
ENSG0000 response	Inflamed	AF121897	pseudoger chr21	40897510	40901782	+	3980	1.658711	0.577566	0.31288	0.13105	2.387477	0.018863	0.068006	1
ENSG0000 response	Inflamed	TXN2	protein_cc chr22	36863083	36878077	-	2050	2906.449	0	0.182486	0.076441	2.387286	0.018872	0.06803	1
ENSG0000 response	Inflamed	TWF1P1	pseudoger chr17	27530441	27531492	-	1052	7.155131	0.076372	0.368446	0.154346	2.387138	0.018879	0.068047	1
ENSG0000 response	Inflamed	TMEM119	protein_cc chr12	1.09E+08	1.09E+08	-	3189	2386.308	0	-0.4328	0.18132	-2.38691	0.01889	0.068077	1
ENSG0000 response	Inflamed	TMEM208	protein_cc chr16	67261006	67263181	+	1787	915.9021	0	-0.24017	0.100625	-2.38683	0.018894	0.068078	1
ENSG0000 response	Inflamed	C1orf54	protein_cc chr1	1.5E+08	1.5E+08	+	1351	193.7852	0	-0.29309	0.122795	-2.3868	0.018896	0.068078	1
ENSG0000 response	Inflamed	GPR155	protein_cc chr2	1.75E+08	1.75E+08	-	7102	388.5656	0	-0.45921	0.192409	-2.38662	0.018904	0.068099	1
ENSG0000 response	Inflamed	NTMT1	protein_cc chr9	1.32E+08	1.32E+08	+	2674	678.2458	0	-0.17156	0.071893	-2.3863	0.01892	0.068147	1
ENSG0000 response	Inflamed	NPHS1	protein_cc chr19	36316866	36360189	-	5459	43.66348	0.124105	-0.97258	0.407622	-2.386	0.018935	0.06819	1
ENSG0000 response	Inflamed	ACOX2	protein_cc chr3	58490863	58523046	-	3859	430.7637	0	0.375887	0.157546	2.385883	0.01894	0.068193	1
ENSG0000 response	Inflamed	MCC	protein_cc chr5	1.12E+08	1.13E+08	-	31750	780.494	0	-0.48494	0.203255	-2.38587	0.018941	0.068193	1
ENSG0000 response	Inflamed	RP11-61A1	lincRNA chr16	66785655	66788643	+	2894	9.031026	0.069212	0.369551	0.154919	2.385445	0.018961	0.068259	1
ENSG0000 response	Inflamed	CCND2	protein_cc chr12	4382938	4414516	+	7157	5239.492	0	-0.32054	0.134384	-2.38527	0.01897	0.06828	1
ENSG0000 response	Inflamed	SAA4	protein_cc chr11	18252896	18258440	-	727	8.847255	0.463007	-0.70134	0.294055	-2.38507	0.01898	0.068307	1
ENSG0000 response	Inflamed	ZNF675	protein_cc chr19	23708433	23870022	-	6785	237.6086	0	0.418545	0.175513	2.384695	0.018998	0.068362	1
ENSG0000 response	Inflamed	C17orf76	processed_chr17	16342136	16381992	+	3759	6501.828	0	0.246345	0.103307	2.38459	0.019003	0.068371	1
ENSG0000 response	Inflamed	SLC6A20	protein_cc chr3	45796942	45838027	-	6651	962.716	0	-0.84908	0.356106	-2.38435	0.019015	0.068389	1
ENSG0000 response	Inflamed	SLC13A3	protein_cc chr20	45186463	45304714	-	5982	21.86158	0.019093	-0.39951	0.167555	-2.38434	0.019015	0.068389	1
ENSG0000 response	Inflamed	NET1	protein_cc chr10	5454514	5500426	+	4194	4350.234	0	0.424834	0.178178	2.384328	0.019016	0.068389	1
ENSG0000 response	Inflamed	ASPN	protein_cc chr9	95218487	95244788	-	2487	193.222	0	-0.6306	0.264487	-2.38423	0.019021	0.068397	1
ENSG0000 response	Inflamed	NOD1	protein_cc chr7	30464143	30518400	-	6820	764.7995	0	-0.24118	0.101167	-2.38397	0.019033	0.068433	1
ENSG0000 response	Inflamed	AC005550	antisense chr7	15707572	15721605	+	3743	56.93556	0.016706	0.637877	0.267601	2.38369	0.019047	0.068473	1

ENSG0000 response	Inflamed	AC009299	lincRNA	chr2	1.62E+08	1.62E+08	+	2377	49.18854	0	0.296158	0.124261	2.383364	0.019063	0.068513	1
ENSG0000 response	Inflamed	NNT	protein_cc	chr5	43602794	43707507	+	8245	2477.217	0	0.330967	0.138866	2.383356	0.019063	0.068513	1
ENSG0000 response	Inflamed	GNG7	protein_cc	chr19	2511217	2702707	-	4561	767.7303	0	-0.44139	0.185216	-2.38309	0.019076	0.068551	1
ENSG0000 response	Inflamed	RORA	protein_cc	chr15	60780483	61521518	-	17033	341.5418	0	-0.52523	0.220431	-2.38275	0.019093	0.0686	1
ENSG0000 response	Inflamed	AC104653	lincRNA	chr2	1.15E+08	1.15E+08	-	671	4.121718	0.26253	-0.39417	0.165429	-2.3827	0.019095	0.0686	1
ENSG0000 response	Inflamed	BUB1	protein_cc	chr2	1.11E+08	1.11E+08	-	6032	430.5632	0	-0.43003	0.180515	-2.38223	0.019118	0.068673	1
ENSG0000 response	Inflamed	PI4KAP1	pseudoger	chr22	20383524	20427835	-	4808	431.8067	0	0.481356	0.202069	2.382132	0.019123	0.068681	1
ENSG0000 response	Inflamed	AL132709	lincRNA	chr14	1.01E+08	1.01E+08	+	2986	3.243437	0.384248	-0.39958	0.167759	-2.38188	0.019135	0.068715	1
ENSG0000 response	Inflamed	RP11-133C	antisense	chr9	33785948	33818793	-	647	0.809069	0.778043	-0.23078	0.096894	-2.38184	0.019138	0.068715	1
ENSG0000 response	Inflamed	SHROOM4	protein_cc	chrX	50334647	50557302	-	10333	642.7542	0	-0.39559	0.166114	-2.38146	0.019156	0.068772	1
ENSG0000 response	Inflamed	NPB	protein_cc	chr17	79858621	79860781	+	2161	13.99284	0.019093	-0.41066	0.172454	-2.38127	0.019165	0.068795	1
ENSG0000 response	Inflamed	ZDHHC19	protein_cc	chr3	1.96E+08	1.96E+08	-	2432	20.1074	0.011933	-0.46627	0.195841	-2.38086	0.019186	0.068859	1
ENSG0000 response	Inflamed	AC098820	antisense	chr2	2.17E+08	2.17E+08	-	976	1.933174	0.501193	-0.28139	0.118193	-2.38076	0.01919	0.068866	1
ENSG0000 response	Inflamed	SERINC4	protein_cc	chr15	44086360	44092419	-	2977	13.27446	0.02864	0.339123	0.142456	2.38055	0.019201	0.068895	1
ENSG0000 response	Inflamed	CCDC26	lincRNA	chr8	1.3E+08	1.31E+08	-	2035	1	0.749403	-0.23243	0.097679	-2.37953	0.019251	0.069066	1
ENSG0000 response	Inflamed	HAO2	protein_cc	chr1	1.2E+08	1.2E+08	+	1877	1.916468	0.589499	-0.36121	0.151825	-2.37914	0.019271	0.069126	1
ENSG0000 response	Inflamed	AC004009	lincRNA	chr7	27401462	27449557	+	567	2.131265	0.551313	-0.37932	0.159445	-2.37899	0.019278	0.069142	1
ENSG0000 response	Inflamed	TEX2	protein_cc	chr17	62224587	62340661	-	9094	1866.888	0	0.29827	0.125385	2.378841	0.019285	0.069159	1
ENSG0000 response	Inflamed	ABR	protein_cc	chr17	906758	1132315	-	11709	12144.74	0	0.243813	0.1025	2.378665	0.019294	0.069181	1
ENSG0000 response	Inflamed	LINC00664	lincRNA	chr19	21666176	21686040	+	5889	9.539379	0.181384	-0.544	0.228728	-2.37836	0.019309	0.069217	1
ENSG0000 response	Inflamed	RP11-643C	pseudoger	chr14	68081646	68083343	+	1698	0.99284	0.74463	-0.23347	0.098166	-2.37835	0.019309	0.069217	1
ENSG0000 response	Inflamed	PTPRK	protein_cc	chr6	1.28E+08	1.29E+08	-	9066	3828.862	0	0.31821	0.133801	2.378231	0.019315	0.06923	1
ENSG0000 response	Inflamed	AL122127	miRNA	chr14	1.06E+08	1.06E+08	-	67	75.40573	0.042959	-0.69194	0.290958	-2.37816	0.019319	0.069234	1
ENSG0000 response	Inflamed	RP11-982M	antisense	chr14	1.05E+08	1.05E+08	-	716	0.983294	0.749403	0.184818	0.077726	2.377814	0.019336	0.069285	1
ENSG0000 response	Inflamed	RP11-569A	antisense	chr1	2.03E+08	2.03E+08	+	314	8.217184	0.133652	0.439155	0.184698	2.37769	0.019342	0.069297	1
ENSG0000 response	Inflamed	RP11-834C	lincRNA	chr12	54519882	54526627	+	1369	83.69451	0.002387	-0.36662	0.154196	-2.37762	0.019346	0.0693	1
ENSG0000 response	Inflamed	AC093620	antisense	chr7	5459458	5460398	+	583	6.362768	0.100239	0.351736	0.147945	2.377478	0.019353	0.069316	1
ENSG0000 response	Inflamed	CCDC60	protein_cc	chr12	1.2E+08	1.2E+08	+	3440	58.22434	0.026253	0.570229	0.239858	2.377364	0.019358	0.069327	1
ENSG0000 response	Inflamed	PIGS	protein_cc	chr17	26880401	26898890	-	5990	3445.773	0	0.187822	0.079011	2.377162	0.019368	0.069353	1
ENSG0000 response	Inflamed	OLIG2	protein_cc	chr21	34398153	34401504	+	3352	25.35561	0.064439	-0.59589	0.250699	-2.37691	0.019381	0.06938	1
ENSG0000 response	Inflamed	PARP1	protein_cc	chr1	2.27E+08	2.27E+08	-	7169	5057.317	0	-0.31703	0.13338	-2.3769	0.019381	0.06938	1
ENSG0000 response	Inflamed	GBAS	protein_cc	chr7	56019486	56067874	+	5651	1190.757	0	0.308667	0.129864	2.376852	0.019384	0.06938	1
ENSG0000 response	Inflamed	NPFFR1	protein_cc	chr10	72007085	72043432	-	8921	53.57995	0.040573	-0.55245	0.23245	-2.37664	0.019394	0.069408	1
ENSG0000 response	Inflamed	ZDHHC11	protein_cc	chr5	710471	851101	-	7267	74.59189	0.02148	0.594506	0.250171	2.376396	0.019406	0.069434	1
ENSG0000 response	Inflamed	CDC42EP4	protein_cc	chr17	71279763	71308314	-	5007	4067.726	0	0.227966	0.09593	2.376388	0.019407	0.069434	1
ENSG0000 response	Inflamed	GOLGA2B	pseudoger	chr12	1.01E+08	1.01E+08	-	10957	938.642	0	0.62567	0.263293	2.376327	0.01941	0.069436	1
ENSG0000 response	Inflamed	XPNPEP1	protein_cc	chr10	1.12E+08	1.12E+08	-	6691	3072.945	0	0.256651	0.108006	2.376258	0.019413	0.069438	1
ENSG0000 response	Inflamed	TYRO3	protein_cc	chr15	41849873	41871536	+	6697	285.8258	0	-0.33289	0.140105	-2.376	0.019426	0.06947	1
ENSG0000 response	Inflamed	AC009133	antisense	chr16	29820250	29831687	-	589	47.78998	0.002387	0.398055	0.167533	2.375977	0.019427	0.06947	1
ENSG0000 response	Inflamed	CHMP7	protein_cc	chr8	23101150	23119512	+	4532	2112.967	0	-0.15469	0.065109	-2.37592	0.01943	0.069471	1

ENSG0000 response	Inflamed	PZP	protein_cc chr12	9301436	9360966	-	6227	4.618138	0.236277	-0.44645	0.187934	-2.37556	0.019448	0.069525	1
ENSG0000 response	Inflamed	TRAM1	protein_cc chr8	71485677	71520622	-	3878	4262.52	0	-0.35094	0.147736	-2.37544	0.019454	0.069536	1
ENSG0000 response	Inflamed	AC074212	antisense chr19	46268043	46273064	+	2600	151.9165	0	-0.42056	0.177058	-2.37527	0.019462	0.069558	1
ENSG0000 response	Inflamed	TRAV13-1	TR_V_gene chr14	22337020	22337546	+	360	21.25537	0.0358	-0.43221	0.181982	-2.37503	0.019474	0.06959	1
ENSG0000 response	Inflamed	C1orf74	protein_cc chr1	2.1E+08	2.1E+08	-	1576	117.7542	0	0.234391	0.098692	2.374971	0.019477	0.069592	1
ENSG0000 response	Inflamed	FAM170B	protein_cc chr10	50339199	50342053	-	1401	0.937947	0.763723	-0.25156	0.105927	-2.37484	0.019484	0.069607	1
ENSG0000 response	Inflamed	RP11-89H1	antisense chr12	48276432	48295308	+	1287	2.591885	0.374702	-0.32383	0.136367	-2.37466	0.019493	0.069628	1
ENSG0000 response	Inflamed	PRNP	protein_cc chr20	4666882	4682236	+	2851	2134.076	0	-0.38188	0.160845	-2.37424	0.019514	0.069695	1
ENSG0000 response	Inflamed	LGALS17A	pseudogene chr19	40170014	40177013	+	2773	6.823389	0.346062	-0.54115	0.227962	-2.37387	0.019532	0.069751	1
ENSG0000 response	Inflamed	GIMAP7	protein_cc chr7	1.5E+08	1.5E+08	+	1256	431.0119	0	-0.44138	0.185964	-2.37349	0.019551	0.069809	1
ENSG0000 response	Inflamed	TRIM2	protein_cc chr4	1.54E+08	1.54E+08	+	9333	2835.131	0	0.472177	0.19897	2.373102	0.019571	0.069866	1
ENSG0000 response	Inflamed	ATP2B4	protein_cc chr1	2.04E+08	2.04E+08	+	9721	3961.057	0	-0.39903	0.168148	-2.37306	0.019573	0.069866	1
ENSG0000 response	Inflamed	EIF3LP3	pseudogene chr10	38368984	38369805	-	822	2.911695	0.355609	0.278685	0.11744	2.372996	0.019576	0.069868	1
ENSG0000 response	Inflamed	C17orf53	protein_cc chr17	42219274	42239844	+	3005	124.6516	0	-0.2978	0.125499	-2.37294	0.019579	0.069868	1
ENSG0000 response	Inflamed	RP11-727F	antisense chr11	62599706	62601515	+	765	11.90931	0.019093	-0.30389	0.128071	-2.37281	0.019585	0.069883	1
ENSG0000 response	Inflamed	PRB3	protein_cc chr12	11418857	11422739	-	1387	1.109785	0.718377	0.246545	0.103914	2.372589	0.019596	0.069913	1
ENSG0000 response	Inflamed	RP11-572C	lincRNA chr3	1.12E+08	1.12E+08	-	5109	296.0883	0	-0.66296	0.279463	-2.37227	0.019612	0.069955	1
ENSG0000 response	Inflamed	ARFGAP3	protein_cc chr22	43192508	43254112	-	3381	2192.253	0	-0.38676	0.163038	-2.37221	0.019615	0.069955	1
ENSG0000 response	Inflamed	GGH	protein_cc chr8	63927638	63951730	-	3130	920.9618	0	0.321242	0.135421	2.372166	0.019618	0.069955	1
ENSG0000 response	Inflamed	CXADR	protein_cc chr21	18884700	18965897	+	6682	1366.074	0.002387	0.610377	0.25731	2.372142	0.019619	0.069955	1
ENSG0000 response	Inflamed	MB21D2	protein_cc chr3	1.93E+08	1.93E+08	-	3368	261.8592	0	-0.29175	0.123025	-2.3715	0.019651	0.070056	1
ENSG0000 response	Inflamed	ACOT4	protein_cc chr14	74058410	74063200	+	2362	144.3604	0	0.326415	0.137642	2.371469	0.019652	0.070056	1
ENSG0000 response	Inflamed	SLC2A5	protein_cc chr1	9095166	9148537	-	6854	459.4368	0	-0.40289	0.169927	-2.37094	0.019679	0.070141	1
ENSG0000 response	Inflamed	NAT1	protein_cc chr8	18027986	18081198	+	3173	569.7566	0	0.421192	0.177683	2.370467	0.019703	0.070217	1
ENSG0000 response	Inflamed	PLLP	protein_cc chr16	57290004	57318599	-	1620	578.3174	0	0.548697	0.231518	2.369998	0.019727	0.070291	1
ENSG0000 response	Inflamed	BPNT1	protein_cc chr1	2.2E+08	2.2E+08	-	3115	1526.05	0	0.286094	0.120764	2.369024	0.019776	0.070457	1
ENSG0000 response	Inflamed	KIAA0226	protein_cc chr3	1.97E+08	1.97E+08	-	8613	1933.94	0	-0.2443	0.103125	-2.36892	0.019781	0.070466	1
ENSG0000 response	Inflamed	AC012065	lincRNA chr2	20877569	20879005	+	1437	29.20286	0.040573	-0.51633	0.217991	-2.36859	0.019798	0.070516	1
ENSG0000 response	Inflamed	FKBP14	protein_cc chr7	30050203	30066300	-	5326	384.0143	0	-0.49346	0.208351	-2.36843	0.019806	0.070536	1
ENSG0000 response	Inflamed	BCL2L15	protein_cc chr1	1.14E+08	1.14E+08	-	4251	2417.747	0	0.521159	0.220055	2.368311	0.019812	0.070547	1
ENSG0000 response	Inflamed	RP11-70P1	lincRNA chr1	25907969	25916847	+	483	6.042959	0.066826	-0.30039	0.126876	-2.36763	0.019846	0.070654	1
ENSG0000 response	Inflamed	DSP	protein_cc chr6	7541808	7586950	+	10093	13356.16	0	0.529218	0.223524	2.367613	0.019847	0.070654	1
ENSG0000 response	Inflamed	NAT8	protein_cc chr2	73867959	73869520	-	947	7.494033	0.615752	0.395846	0.167242	2.366904	0.019883	0.070772	1
ENSG0000 response	Inflamed	USMG5	protein_cc chr10	1.05E+08	1.05E+08	-	898	1780.346	0	0.316788	0.133919	2.365508	0.019954	0.071015	1
ENSG0000 response	Inflamed	KB-1125A3	antisense chr22	24198614	24199226	-	613	2.933174	0.348449	-0.32848	0.138898	-2.36488	0.019986	0.071112	1
ENSG0000 response	Inflamed	PCDHB12	protein_cc chr5	1.41E+08	1.41E+08	+	3428	30.92363	0.026253	-0.37305	0.157755	-2.36472	0.019994	0.071139	1
ENSG0000 response	Inflamed	RP11-798k	lincRNA chr15	67278699	67351591	-	1015	6.427208	0.570406	0.434625	0.183816	2.364465	0.020007	0.071161	1
ENSG0000 response	Inflamed	TPSB2	polymorph chr16	1277272	1280214	-	1558	1684.513	0	-0.48668	0.205838	-2.3644	0.02001	0.071161	1
ENSG0000 response	Inflamed	SOX12	protein_cc chr20	306207	310865	+	4659	522.0883	0	-0.35907	0.151865	-2.3644	0.020011	0.071161	1
ENSG0000 response	Inflamed	ABCD3	protein_cc chr1	94883933	94984222	+	7669	2242.644	0	0.425823	0.180099	2.364387	0.020011	0.071161	1

ENSG0000 response	Inflamed	SLC25A19	protein_cc chr17	73269073	73285591	-	3305	450.5251	0	-0.1874	0.079269	-2.36416	0.020023	0.071192	1
ENSG0000 response	Inflamed	RABL6	protein_cc chr9	1.4E+08	1.4E+08	+	10924	5705.554	0	0.185686	0.078547	2.364006	0.020031	0.071211	1
ENSG0000 response	Inflamed	RP11-523C	lincRNA chr3	1.76E+08	1.76E+08	+	789	7.429594	0.186158	0.436597	0.184697	2.363852	0.020039	0.071229	1
ENSG0000 response	Inflamed	VASH2	protein_cc chr1	2.13E+08	2.13E+08	+	6950	57.25298	0.023866	-0.61951	0.262095	-2.36368	0.020047	0.071251	1
ENSG0000 response	Inflamed	RP11-392E	pseudoger chr9	38543101	38543443	-	343	14.70644	0.102625	0.518981	0.21958	2.363521	0.020055	0.07127	1
ENSG0000 response	Inflamed	RP11-282k	sense_intr chr12	19300008	19307593	+	5391	6.183771	0.124105	0.380296	0.160919	2.363272	0.020068	0.071306	1
ENSG0000 response	Inflamed	DHDH	protein_cc chr19	49436939	49448226	+	1081	26.04535	0.064439	0.491643	0.20809	2.362642	0.0201	0.071411	1
ENSG0000 response	Inflamed	NDUFS2	protein_cc chr1	1.61E+08	1.61E+08	+	3997	4278.692	0	0.192047	0.081288	2.362557	0.020105	0.071417	1
ENSG0000 response	Inflamed	TPRKBP2	pseudoger chr16	28122494	28122968	-	475	0.885442	0.77327	-0.23732	0.100476	-2.36195	0.020136	0.071518	1
ENSG0000 response	Inflamed	GLIS3	protein_cc chr9	3824127	4348392	-	11558	558.6348	0.002387	-0.58055	0.245809	-2.3618	0.020144	0.071536	1
ENSG0000 response	Inflamed	KCNJ16	protein_cc chr17	68049570	68131749	+	6319	7.680191	0.24821	0.530938	0.224866	2.361125	0.020178	0.071649	1
ENSG0000 response	Inflamed	AP1S2	protein_cc chrX	15843929	15873054	-	5362	455.8377	0	-0.39054	0.165419	-2.36093	0.020188	0.071675	1
ENSG0000 response	Inflamed	ATM	protein_cc chr11	1.08E+08	1.08E+08	+	22317	1452.076	0	-0.50612	0.214391	-2.36071	0.0202	0.071706	1
ENSG0000 response	Inflamed	MYH14	protein_cc chr19	50691443	50813802	+	9933	29911.52	0	0.518594	0.219764	2.359779	0.020248	0.071866	1
ENSG0000 response	Inflamed	FGF14-AS2	lincRNA chr13	1.03E+08	1.03E+08	+	1074	14.6778	0.004773	-0.36146	0.153189	-2.35955	0.02026	0.071898	1
ENSG0000 response	Inflamed	AZGP1	protein_cc chr7	99564343	99573780	-	2699	600.2124	0.004773	-0.6842	0.290004	-2.35928	0.020273	0.071937	1
ENSG0000 response	Inflamed	AOC2	protein_cc chr17	40996617	41002724	+	2657	25.30788	0.023866	-0.39967	0.169426	-2.35897	0.020289	0.071984	1
ENSG0000 response	Inflamed	C6orf132	protein_cc chr6	42068856	42110357	-	6852	2700.668	0	0.258148	0.109435	2.358908	0.020293	0.071987	1
ENSG0000 response	Inflamed	MPV17L2	protein_cc chr19	18303992	18307758	+	2135	455.9666	0	-0.19421	0.08234	-2.35865	0.020306	0.072025	1
ENSG0000 response	Inflamed	NT5C3B	protein_cc chr17	39981335	39992523	-	2836	561.8186	0	-0.22861	0.096951	-2.35804	0.020337	0.072126	1
ENSG0000 response	Inflamed	AF064858	lincRNA chr21	40249215	40328392	-	4043	6.250597	0.167064	0.420007	0.178137	2.357773	0.020351	0.072166	1
ENSG0000 response	Inflamed	FAM84B	protein_cc chr8	1.28E+08	1.28E+08	-	5404	1758.621	0	0.399513	0.169506	2.356931	0.020395	0.072311	1
ENSG0000 response	Inflamed	HOXB7	protein_cc chr17	46684594	46710934	-	1520	727.747	0	0.226762	0.096215	2.356825	0.020401	0.072313	1
ENSG0000 response	Inflamed	RP4-529N	lincRNA chr6	4610890	4611538	+	484	0.97136	0.75179	-0.27686	0.117474	-2.35681	0.020401	0.072313	1
ENSG0000 response	Inflamed	TOM1L2	protein_cc chr17	17746828	17875736	-	7860	4537.174	0	0.266931	0.113273	2.356528	0.020416	0.072353	1
ENSG0000 response	Inflamed	FASTKD1	protein_cc chr2	1.7E+08	1.7E+08	-	4451	869.6587	0	0.41165	0.174694	2.356406	0.020422	0.072353	1
ENSG0000 response	Inflamed	CYP3A5	protein_cc chr7	99245817	99277621	-	6731	2574.842	0	0.649538	0.275651	2.356374	0.020424	0.072353	1
ENSG0000 response	Inflamed	PPOX	protein_cc chr1	1.61E+08	1.61E+08	+	4607	420.1814	0	-0.24671	0.104699	-2.35633	0.020426	0.072353	1
ENSG0000 response	Inflamed	CTD-3224	lincRNA chr5	1.39E+08	1.39E+08	-	577	0.875895	0.797136	-0.23576	0.100056	-2.35632	0.020427	0.072353	1
ENSG0000 response	Inflamed	AGAP11	processed_chr10	88752163	88769960	+	4560	5.360382	0.257757	0.39308	0.166823	2.356277	0.020429	0.072353	1
ENSG0000 response	Inflamed	PGK1	protein_cc chrX	77320685	77384793	+	5725	10482.18	0	-0.24139	0.102448	-2.35623	0.020432	0.072353	1
ENSG0000 response	Inflamed	SEPN1	protein_cc chr1	26126667	26144713	+	4421	5079.859	0	-0.28797	0.122231	-2.35598	0.020444	0.072388	1
ENSG0000 response	Inflamed	RP11-559	antisense chr17	76480964	76495428	+	1585	0.933174	0.782816	-0.30559	0.129717	-2.3558	0.020454	0.07241	1
ENSG0000 response	Inflamed	RP11-548	lincRNA chr2	86131402	86131850	+	449	1.725537	0.536993	-0.26946	0.114385	-2.35576	0.020456	0.07241	1
ENSG0000 response	Inflamed	C14orf64	protein_cc chr14	98391947	98444461	-	5850	55.6611	0	0.369192	0.156725	2.355677	0.02046	0.072415	1
ENSG0000 response	Inflamed	ARHGEF38	protein_cc chr4	1.06E+08	1.07E+08	+	7579	276.5465	0.004773	0.594128	0.252237	2.355439	0.020473	0.072449	1
ENSG0000 response	Inflamed	MEG9	lincRNA chr14	1.02E+08	1.02E+08	+	2641	35.96897	0.02864	-0.62128	0.263831	-2.35485	0.020503	0.072547	1
ENSG0000 response	Inflamed	TSPO2	protein_cc chr6	41010293	41012076	+	988	7.718377	0.322196	-0.53768	0.228355	-2.35456	0.020519	0.072587	1
ENSG0000 response	Inflamed	RN7SKP29	misc_RNA chr3	1.9E+08	1.9E+08	+	341	1.300716	0.706444	-0.29675	0.126034	-2.35453	0.02052	0.072587	1
ENSG0000 response	Inflamed	EVA1C	protein_cc chr21	33784314	33887707	+	4353	295.8783	0	-0.21937	0.09318	-2.35421	0.020537	0.072638	1

ENSG0000 response	Inflamed	SRSF12	protein_cc chr6	89805678	89827800	-	4548	5.906921	0.167064	-0.43567	0.185069	-2.35411	0.020542	0.072645	1
ENSG0000 response	Inflamed	ZNF580	protein_cc chr19	56146382	56154835	+	2403	919.0501	0	-0.21607	0.091784	-2.35406	0.020545	0.072645	1
ENSG0000 response	Inflamed	MRPL55	protein_cc chr1	2.28E+08	2.28E+08	-	1886	625.7924	0	-0.18511	0.078645	-2.35378	0.020559	0.072686	1
ENSG0000 response	Inflamed	ARMC12	protein_cc chr6	35704809	35716856	+	1418	11.07399	0.071599	-0.38173	0.162194	-2.3535	0.020574	0.072728	1
ENSG0000 response	Inflamed	FTLP14	pseudoger chr16	68856490	68856973	+	484	79.79475	0	0.382159	0.1624	2.353192	0.02059	0.072776	1
ENSG0000 response	Inflamed	TRIM15	protein_cc chr6	30130993	30140473	+	2498	2265.866	0	0.518204	0.220238	2.352928	0.020604	0.072815	1
ENSG0000 response	Inflamed	FAM222A	protein_cc chr12	1.1E+08	1.1E+08	+	3722	318.5251	0	0.345843	0.147003	2.352629	0.02062	0.072861	1
ENSG0000 response	Inflamed	RP1-43E13	antisense chr1	19536995	19567198	+	507	16.99761	0.002387	-0.27854	0.118409	-2.35235	0.020634	0.072903	1
ENSG0000 response	Inflamed	RP13-131k	lincRNA chr3	49022918	49023396	-	479	13.16229	0.00716	0.291656	0.123996	2.352143	0.020645	0.072932	1
ENSG0000 response	Inflamed	CDH17	protein_cc chr8	95139399	95229531	-	3901	19891.44	0	0.654281	0.278178	2.352026	0.020651	0.072944	1
ENSG0000 response	Inflamed	RP11-400k	pseudoger chr8	54445468	54446264	+	478	1.152745	0.718377	0.239965	0.102034	2.351829	0.020661	0.07297	1
ENSG0000 response	Inflamed	RP11-958k	pseudoger chr16	16450081	16471364	+	9932	96.43914	0.040573	0.491087	0.208834	2.351566	0.020675	0.073009	1
ENSG0000 response	Inflamed	C19orf47	protein_cc chr19	40825443	40854434	-	4875	543.1671	0	-0.16481	0.0701	-2.35105	0.020702	0.073079	1
ENSG0000 response	Inflamed	ADH1A	protein_cc chr4	1E+08	1E+08	-	2258	2.863962	0.494033	0.448593	0.190806	2.351042	0.020703	0.073079	1
ENSG0000 response	Inflamed	RP13-36G	pseudoger chrX	73285918	73286427	+	510	1.47494	0.601432	-0.28102	0.119532	-2.35103	0.020704	0.073079	1
ENSG0000 response	Inflamed	GEMIN7	protein_cc chr19	45582453	45594782	+	1915	514.401	0	-0.15422	0.065603	-2.3508	0.020716	0.073113	1
ENSG0000 response	Inflamed	LGALS3BP	protein_cc chr17	76967320	76976191	-	3584	35523.02	0	0.262709	0.111756	2.35073	0.020719	0.073115	1
ENSG0000 response	Inflamed	RP11-93B1	protein_cc chr20	61272071	61274656	-	1933	23.92124	0.016706	0.371227	0.157945	2.350363	0.020739	0.073174	1
ENSG0000 response	Inflamed	REM2	protein_cc chr14	23352374	23356895	+	2305	32.48449	0.002387	-0.38587	0.16418	-2.35031	0.020742	0.073174	1
ENSG0000 response	Inflamed	AC005262	antisense chr19	3118663	3119302	-	452	8.343675	0.245823	-0.55156	0.234761	-2.34947	0.020786	0.073315	1
ENSG0000 response	Inflamed	SPG20	protein_cc chr13	36875775	36944317	-	6387	426.105	0	-0.45844	0.195129	-2.34944	0.020787	0.073315	1
ENSG0000 response	Inflamed	RP11-15N	sense_ove chr3	99898411	99900574	+	2164	4.50358	0.217184	0.3928	0.167201	2.349267	0.020796	0.073335	1
ENSG0000 response	Inflamed	SFN	protein_cc chr1	27189633	27190947	+	1315	7466.076	0	0.453694	0.193124	2.349231	0.020798	0.073335	1
ENSG0000 response	Inflamed	ACKR3	protein_cc chr2	2.37E+08	2.37E+08	+	2258	682.1718	0	-0.44175	0.188084	-2.34867	0.020828	0.073429	1
ENSG0000 response	Inflamed	CCDC178	protein_cc chr18	30517366	31021065	-	4475	8.293556	0.167064	-0.45297	0.192892	-2.34831	0.020847	0.073487	1
ENSG0000 response	Inflamed	SMTNL2	protein_cc chr17	4487294	4511614	+	2470	34.45107	0.00716	-0.49769	0.211944	-2.34823	0.020852	0.073487	1
ENSG0000 response	Inflamed	IRF2	protein_cc chr4	1.85E+08	1.85E+08	-	3116	1802.828	0	-0.20775	0.08847	-2.34821	0.020853	0.073487	1
ENSG0000 response	Inflamed	ZBTB20	protein_cc chr3	1.14E+08	1.15E+08	-	8279	22.1074	0.01432	-0.35132	0.14962	-2.34812	0.020857	0.073493	1
ENSG0000 response	Inflamed	PRC1-AS1	antisense chr15	91509575	91531854	+	1799	13.88305	0.078759	0.442267	0.188363	2.347952	0.020866	0.07351	1
ENSG0000 response	Inflamed	LEPR	protein_cc chr1	65886248	66107242	+	11457	179.8353	0.00716	-0.49845	0.212293	-2.34793	0.020867	0.07351	1
ENSG0000 response	Inflamed	GAL3ST4	protein_cc chr7	99756867	99766373	-	3397	431.6539	0	0.382643	0.162977	2.347838	0.020872	0.07351	1
ENSG0000 response	Inflamed	GBP1P1	pseudoger chr1	89873238	89891802	+	2352	55.28878	0.01432	-0.60266	0.256688	-2.34782	0.020873	0.07351	1
ENSG0000 response	Inflamed	RP11-79H	lincRNA chr8	79749764	79752757	+	2994	39.59666	0.031026	-0.63976	0.272509	-2.34766	0.020882	0.073528	1
ENSG0000 response	Inflamed	MEX3B	protein_cc chr15	82334119	82338482	-	4364	119.7637	0.011933	-0.44536	0.18971	-2.3476	0.020885	0.073528	1
ENSG0000 response	Inflamed	FURIN	protein_cc chr15	91411822	91426688	+	4661	10816.26	0	-0.26335	0.112178	-2.34757	0.020886	0.073528	1
ENSG0000 response	Inflamed	AKAP12	protein_cc chr6	1.52E+08	1.52E+08	+	8741	861.1504	0	-0.513	0.218536	-2.34746	0.020892	0.073537	1
ENSG0000 response	Inflamed	ARHGAP27	protein_cc chr17	43471275	43511787	-	10419	7436.604	0	0.22735	0.096873	2.346894	0.020922	0.073633	1
ENSG0000 response	Inflamed	LINC01079	lincRNA chr13	27947485	27948503	+	580	2.100239	0.501193	0.313894	0.133751	2.346845	0.020925	0.073633	1
ENSG0000 response	Inflamed	U3	snoRNA chr17	42102389	42102591	-	203	2.868735	0.336516	0.340796	0.145263	2.346067	0.020966	0.073768	1
ENSG0000 response	Inflamed	HUNK	protein_cc chr21	33245628	33416946	+	8294	562.5394	0	0.411831	0.175549	2.345956	0.020972	0.073779	1

ENSG0000 response	Inflamed	CD300LG	protein_cc chr17	41924516	41940997	+	4745	15.51551	0.064439	-0.49001	0.208879	-2.34589	0.020975	0.073782	1
ENSG0000 response	Inflamed	CTB-113I2	lincRNA chr5	1.33E+08	1.33E+08	+	416	19.06921	0.004773	0.296211	0.126283	2.345609	0.02099	0.073825	1
ENSG0000 response	Inflamed	RP11-691I	protein_cc chr11	57509635	57560715	+	580	22.58473	0.102625	0.621272	0.264877	2.345513	0.020996	0.073833	1
ENSG0000 response	Inflamed	CDC42SE1	protein_cc chr1	1.51E+08	1.51E+08	-	4184	5246.36	0	-0.23145	0.098684	-2.34532	0.021006	0.073859	1
ENSG0000 response	Inflamed	SLC25A13	protein_cc chr7	95749532	95951459	-	3710	1289.356	0	0.281918	0.120221	2.344993	0.021023	0.07391	1
ENSG0000 response	Inflamed	CFLAR	protein_cc chr2	2.02E+08	2.02E+08	+	22528	7251.797	0	-0.31623	0.134862	-2.34488	0.02103	0.073923	1
ENSG0000 response	Inflamed	ACER2	protein_cc chr9	19408925	19452018	+	2437	224.8759	0.01432	0.597851	0.254968	2.344808	0.021033	0.073925	1
ENSG0000 response	Inflamed	ALOX15	protein_cc chr17	4534197	4545589	-	3404	226.1337	0.004773	-0.645	0.275102	-2.34458	0.021046	0.073959	1
ENSG0000 response	Inflamed	RP5-836N	lincRNA chr1	1.12E+08	1.12E+08	-	1377	15.8401	0.064439	-0.50906	0.217162	-2.34415	0.021068	0.074029	1
ENSG0000 response	Inflamed	TUBBP1	pseudoger chr8	30209389	30211034	+	1646	29.53461	0.002387	-0.29419	0.125523	-2.3437	0.021092	0.074098	1
ENSG0000 response	Inflamed	GRK4	protein_cc chr4	2965335	3042474	+	4686	96.41289	0	-0.2671	0.113965	-2.34368	0.021094	0.074098	1
ENSG0000 response	Inflamed	USP3-AS1	antisense chr15	63836446	63893788	-	3581	27.24105	0	0.3517	0.150088	2.34329	0.021114	0.074161	1
ENSG0000 response	Inflamed	KIAA1211L	protein_cc chr2	99410309	99552722	-	4705	622.1002	0	0.271328	0.115796	2.343162	0.021121	0.074175	1
ENSG0000 response	Inflamed	DKFZP434I	protein_cc chr9	98534605	98537013	+	2409	10.97613	0.095465	0.497435	0.21238	2.342194	0.021173	0.074347	1
ENSG0000 response	Inflamed	CAPNS2	protein_cc chr16	55600584	55601599	+	1016	1.116945	0.732697	-0.27401	0.117003	-2.34193	0.021187	0.074388	1
ENSG0000 response	Inflamed	ELOVL6	protein_cc chr4	1.11E+08	1.11E+08	-	7297	1792.776	0	0.542777	0.231858	2.340987	0.021238	0.074555	1
ENSG0000 response	Inflamed	FAM120C	protein_cc chrX	54094757	54209714	-	8799	186.1456	0	-0.35586	0.152024	-2.3408	0.021248	0.074581	1
ENSG0000 response	Inflamed	C11orf53	protein_cc chr11	1.11E+08	1.11E+08	+	1205	77.15274	0.004773	0.430034	0.183746	2.340372	0.021271	0.074652	1
ENSG0000 response	Inflamed	AC006483	pseudoger chr7	5600374	5600686	+	313	3.868735	0.343675	-0.37015	0.158165	-2.34029	0.021276	0.074657	1
ENSG0000 response	Inflamed	ARHGEF25	protein_cc chr12	58003963	58013162	+	3362	447.8663	0	-0.43389	0.185425	-2.33998	0.021292	0.074705	1
ENSG0000 response	Inflamed	LINC00398	lincRNA chr13	31377343	31384782	+	906	1.53222	0.594272	-0.28954	0.12374	-2.33987	0.021298	0.074717	1
ENSG0000 response	Inflamed	RP11-382I	antisense chr15	83782369	83783318	-	396	4.112172	0.210024	-0.36272	0.155023	-2.33975	0.021305	0.074721	1
ENSG0000 response	Inflamed	PECR	protein_cc chr2	2.17E+08	2.17E+08	-	3182	331.0453	0	0.276776	0.118293	2.339741	0.021305	0.074721	1
ENSG0000 response	Inflamed	SH2D5	protein_cc chr1	21046225	21059330	-	4423	2.202864	0.551313	-0.38455	0.164375	-2.33945	0.021321	0.074767	1
ENSG0000 response	Inflamed	RP11-517F	lincRNA chr10	43916186	43917548	+	760	43.29356	0.016706	-0.2819	0.120514	-2.33917	0.021336	0.074809	1
ENSG0000 response	Inflamed	EHBP1L1	protein_cc chr11	65343509	65360121	+	6705	7675.506	0	-0.26185	0.111949	-2.339	0.021345	0.074832	1
ENSG0000 response	Inflamed	RP11-466I	pseudoger chr11	16996240	16996560	-	321	102.3437	0	0.381373	0.163103	2.338241	0.021386	0.074965	1
ENSG0000 response	Inflamed	SEMA5B	protein_cc chr3	1.23E+08	1.23E+08	-	6223	133.8043	0.009547	-0.46568	0.199206	-2.33768	0.021416	0.075062	1
ENSG0000 response	Inflamed	TRAV27	TR_V_gene chr14	22615949	22616587	+	425	6.260143	0.171838	-0.40233	0.17211	-2.33762	0.02142	0.075063	1
ENSG0000 response	Inflamed	LINC00667	lincRNA chr18	5232875	5246507	+	6979	1203.196	0	0.234546	0.10034	2.337509	0.021426	0.075074	1
ENSG0000 response	Inflamed	MAML3	protein_cc chr4	1.41E+08	1.41E+08	-	7030	924.7566	0	0.338703	0.144907	2.337375	0.021433	0.07509	1
ENSG0000 response	Inflamed	BZW2	protein_cc chr7	16685756	16746148	+	3662	1517.983	0	0.246347	0.105398	2.337302	0.021437	0.075094	1
ENSG0000 response	Inflamed	RP5-1051J	pseudoger chr7	1.5E+08	1.5E+08	+	610	1.183771	0.689737	-0.25914	0.110873	-2.33724	0.02144	0.075095	1
ENSG0000 response	Inflamed	PANK3	protein_cc chr5	1.68E+08	1.68E+08	-	10580	3034.609	0	0.457045	0.195559	2.337113	0.021447	0.07511	1
ENSG0000 response	Inflamed	NDUFAF5	protein_cc chr20	13765596	13799067	+	4056	233.4845	0	0.215783	0.092339	2.336848	0.021462	0.07515	1
ENSG0000 response	Inflamed	DGKG	protein_cc chr3	1.86E+08	1.86E+08	-	10978	44.53938	0.011933	-0.39932	0.170918	-2.33631	0.021491	0.075243	1
ENSG0000 response	Inflamed	MKL1	protein_cc chr22	40806285	41032706	-	5538	2221.014	0	-0.23571	0.100901	-2.33606	0.021505	0.075281	1
ENSG0000 response	Inflamed	RNF128	protein_cc chrX	1.06E+08	1.06E+08	+	3432	1089.561	0.004773	0.571978	0.244854	2.335998	0.021508	0.075282	1
ENSG0000 response	Inflamed	U62631.5	sense_intr chr19	35821746	35822823	+	435	26.49165	0.159905	-0.71177	0.304713	-2.33587	0.021515	0.075296	1
ENSG0000 response	Inflamed	CTA-373H	lincRNA chr22	27063656	27068617	-	2613	3.050119	0.420048	-0.35271	0.151015	-2.33561	0.021529	0.075336	1

ENSG0000 response	Inflamed	ADAP2	protein_cc chr17	29233362	29286340	+	3750	609.8162	0	-0.2185	0.09359	-2.33466	0.021581	0.075493	1
ENSG0000 response	Inflamed	PPCS	protein_cc chr1	42921788	42939056	+	2628	1607.439	0	0.211756	0.090701	2.33465	0.021581	0.075493	1
ENSG0000 response	Inflamed	MS4A2	protein_cc chr11	59855734	59863444	+	1958	93.38663	0.011933	-0.60261	0.258117	-2.33463	0.021583	0.075493	1
ENSG0000 response	Inflamed	CASC15	lincRNA chr6	21665003	22214734	+	11161	63.31981	0.00716	-0.48235	0.206614	-2.33453	0.021588	0.075501	1
ENSG0000 response	Inflamed	TIMP3	protein_cc chr22	33197687	33259030	+	4603	7099.282	0	-0.48598	0.208184	-2.33437	0.021597	0.075523	1
ENSG0000 response	Inflamed	SYT9	protein_cc chr11	7260009	7490273	+	4727	2.479714	0.494033	-0.3661	0.156835	-2.33429	0.021601	0.075527	1
ENSG0000 response	Inflamed	STK39	protein_cc chr2	1.69E+08	1.69E+08	-	4247	2110.833	0	0.317392	0.135994	2.333865	0.021624	0.075599	1
ENSG0000 response	Inflamed	AC083900	sense_intr chr2	2.09E+08	2.09E+08	-	469	7.961814	0.109785	0.404988	0.173537	2.333727	0.021632	0.075615	1
ENSG0000 response	Inflamed	CTSZ	protein_cc chr20	57570240	57582302	-	2038	14024.62	0	-0.15807	0.067754	-2.33305	0.021669	0.075734	1
ENSG0000 response	Inflamed	RAB19	protein_cc chr7	1.4E+08	1.4E+08	+	1138	121.1742	0.016706	0.427858	0.183398	2.332952	0.021674	0.075743	1
ENSG0000 response	Inflamed	ST6GALNA	protein_cc chr9	1.31E+08	1.31E+08	-	2630	1968.535	0	-0.26698	0.11445	-2.33269	0.021689	0.075784	1
ENSG0000 response	Inflamed	GPSM1	protein_cc chr9	1.39E+08	1.39E+08	+	4945	469.4415	0	-0.40158	0.172225	-2.33174	0.021741	0.075955	1
ENSG0000 response	Inflamed	CTBS	protein_cc chr1	85015289	85040163	-	6939	726.4558	0	-0.25179	0.107999	-2.3314	0.02176	0.076011	1
ENSG0000 response	Inflamed	SLC26A4	protein_cc chr7	1.07E+08	1.07E+08	+	5800	37.57279	0.069212	-0.77618	0.332943	-2.33127	0.021766	0.076025	1
ENSG0000 response	Inflamed	MYBPC1	protein_cc chr12	1.02E+08	1.02E+08	+	7385	31.71599	0.059666	0.795306	0.341163	2.331159	0.021773	0.076036	1
ENSG0000 response	Inflamed	GAS2L2	protein_cc chr17	34071530	34079897	-	3014	4.116945	0.28401	0.403526	0.173105	2.331107	0.021776	0.076036	1
ENSG0000 response	Inflamed	CD109	protein_cc chr6	74405508	74538040	+	9563	373.957	0	-0.55281	0.237272	-2.32986	0.021844	0.076265	1
ENSG0000 response	Inflamed	ACTN4	protein_cc chr19	39138289	39222223	+	6103	45551.8	0	0.260155	0.111683	2.329402	0.02187	0.076344	1
ENSG0000 response	Inflamed	AP003733	protein_cc chr11	61735453	61736755	+	1303	8.023866	0.057279	-0.36705	0.157605	-2.3289	0.021897	0.076423	1
ENSG0000 response	Inflamed	SRD5A3-A'	processed_chr4	56230138	56262014	-	4592	7.410501	0.102625	-0.38985	0.167399	-2.32889	0.021898	0.076423	1
ENSG0000 response	Inflamed	EIF3FP1	pseudoger chr21	11180920	11181815	-	896	1.451074	0.599045	-0.25999	0.111645	-2.32871	0.021908	0.076447	1
ENSG0000 response	Inflamed	SPIC	protein_cc chr12	1.02E+08	1.02E+08	+	1132	3.47494	0.436754	-0.39616	0.170143	-2.32839	0.021925	0.076499	1
ENSG0000 response	Inflamed	PCNX	protein_cc chr14	71374122	71582099	+	16715	2130.532	0	-0.40601	0.174384	-2.32826	0.021933	0.076514	1
ENSG0000 response	Inflamed	AMN1	protein_cc chr12	31824071	31882108	-	3195	105.4749	0	-0.26132	0.112247	-2.32808	0.021943	0.076535	1
ENSG0000 response	Inflamed	RP11-127E	lincRNA chr4	83266029	83266693	-	665	5.849642	0.212411	0.422513	0.181488	2.328047	0.021944	0.076535	1
ENSG0000 response	Inflamed	CCDC102B	protein_cc chr18	66382446	66722426	+	5844	71.14558	0	-0.42677	0.183332	-2.32785	0.021955	0.076563	1
ENSG0000 response	Inflamed	NBEAP1	pseudoger chr15	20862967	20893737	-	3689	2.171838	0.472554	-0.3279	0.14087	-2.32768	0.021965	0.076586	1
ENSG0000 response	Inflamed	AC096559	lincRNA chr2	11988748	12718474	+	3876	2.794749	0.48926	-0.34187	0.146879	-2.32757	0.021971	0.076597	1
ENSG0000 response	Inflamed	RP11-77H	lincRNA chr16	9056563	9060847	+	427	3.694511	0.286396	-0.36404	0.156406	-2.32751	0.021974	0.076597	1
ENSG0000 response	Inflamed	ROPN1	protein_cc chr3	1.24E+08	1.24E+08	-	4395	4.167064	0.494033	0.386502	0.166066	2.327398	0.02198	0.076605	1
ENSG0000 response	Inflamed	PIEZO1	protein_cc chr16	88781751	88851619	-	10855	7467.582	0	-0.28661	0.123148	-2.32737	0.021982	0.076605	1
ENSG0000 response	Inflamed	PCDHB5	protein_cc chr5	1.41E+08	1.41E+08	+	2904	29.55609	0.023866	-0.42683	0.183411	-2.32717	0.021993	0.076633	1
ENSG0000 response	Inflamed	PRKD3	protein_cc chr2	37477645	37551951	-	10244	962.7041	0	-0.42898	0.18436	-2.32685	0.022011	0.076685	1
ENSG0000 response	Inflamed	SLC25A33	protein_cc chr1	9599541	9645237	+	3854	434.9523	0	0.18068	0.077685	2.325812	0.022069	0.076876	1
ENSG0000 response	Inflamed	MCOLN1	protein_cc chr19	7587512	7598895	+	3956	1047.742	0	-0.18094	0.077806	-2.32557	0.022082	0.076909	1
ENSG0000 response	Inflamed	FAM114A2	protein_cc chr5	1.53E+08	1.53E+08	-	6543	447.389	0	-0.36316	0.156162	-2.32553	0.022084	0.076909	1
ENSG0000 response	Inflamed	PP13439	protein_cc chr3	1.72E+08	1.72E+08	-	2906	18.6611	0.062053	0.527614	0.226898	2.325338	0.022095	0.076924	1
ENSG0000 response	Inflamed	APOC3	protein_cc chr11	1.17E+08	1.17E+08	+	866	178.1504	0.852029	0.776091	0.333758	2.325309	0.022097	0.076924	1
ENSG0000 response	Inflamed	GLIPR2	protein_cc chr9	36136732	36163910	+	3016	1356.026	0	-0.26703	0.114841	-2.32524	0.0221	0.076924	1
ENSG0000 response	Inflamed	IGHV3-32	IG_V_pseu chr14	1.07E+08	1.07E+08	-	326	1.162291	0.699284	-0.27612	0.118749	-2.32522	0.022101	0.076924	1

ENSG0000	response	Inflamed	AF127936.lincRNA	chr21	16191164	16254296	-	7034	74.7327	0	0.361393	0.155425	2.325196	0.022103	0.076924	1
ENSG0000	response	Inflamed	URGCP	protein_cc chr7	43915493	43966010	-	7844	2992.05	0	0.254675	0.109545	2.324846	0.022122	0.076974	1
ENSG0000	response	Inflamed	RP11-5481	pseudoger chr4	1.2E+08	1.2E+08	-	3505	1.212411	0.706444	-0.29359	0.126283	-2.32484	0.022123	0.076974	1
ENSG0000	response	Inflamed	ZFYVE21	protein_cc chr14	1.04E+08	1.04E+08	+	8390	1497.647	0	0.179583	0.077257	2.324509	0.022141	0.077027	1
ENSG0000	response	Inflamed	ZNF497	protein_cc chr19	58865723	58874214	-	3897	52.69928	0.004773	0.303963	0.130791	2.324038	0.022168	0.077108	1
ENSG0000	response	Inflamed	DDA1	protein_cc chr19	17420327	17434110	+	4596	1888.916	0	0.144195	0.062053	2.323745	0.022184	0.077155	1
ENSG0000	response	Inflamed	RP11-815J	antisense chr15	86122277	86123409	-	953	6.004773	0.131265	0.378401	0.162846	2.323679	0.022188	0.077157	1
ENSG0000	response	Inflamed	RN7SL689I	misc_RNA chr5	1.22E+08	1.22E+08	-	295	10.41527	0.052506	0.398475	0.171501	2.323452	0.0222	0.077192	1
ENSG0000	response	Inflamed	SOX6	protein_cc chr11	15987995	16761138	-	19632	233.4678	0.002387	0.507674	0.218512	2.323327	0.022207	0.077206	1
ENSG0000	response	Inflamed	FAM21B	protein_cc chr10	47894023	47949412	+	4382	244.1384	0.045346	0.42307	0.18211	2.323158	0.022217	0.077228	1
ENSG0000	response	Inflamed	FITM1	protein_cc chr14	24600484	24602058	+	1355	21.04535	0.002387	0.256971	0.110621	2.322994	0.022226	0.07725	1
ENSG0000	response	Inflamed	MAP1B	protein_cc chr5	71403061	71505395	+	12628	601.8807	0.002387	-0.48553	0.20907	-2.32231	0.022264	0.077373	1
ENSG0000	response	Inflamed	DRP2	protein_cc chrX	1E+08	1.01E+08	+	8187	51.2864	0.02864	0.474098	0.204163	2.322147	0.022273	0.077386	1
ENSG0000	response	Inflamed	HDAC5	protein_cc chr17	42154114	42201070	-	7618	2311.656	0	-0.28674	0.123482	-2.3221	0.022276	0.077386	1
ENSG0000	response	Inflamed	COL4A3	protein_cc chr2	2.28E+08	2.28E+08	+	9124	155.6683	0.004773	-0.56641	0.243925	-2.32209	0.022277	0.077386	1
ENSG0000	response	Inflamed	RAG1	protein_cc chr11	36532259	36614706	+	7815	61.53938	0.009547	0.446538	0.192342	2.32158	0.022305	0.077475	1
ENSG0000	response	Inflamed	FAM196A	protein_cc chr10	1.29E+08	1.29E+08	-	4403	7.229117	0.157518	0.404131	0.174112	2.32109	0.022333	0.077554	1
ENSG0000	response	Inflamed	RP11-511E	lincRNA chr12	93392994	93413596	+	1251	1.852029	0.622912	-0.32828	0.141435	-2.32107	0.022334	0.077554	1
ENSG0000	response	Inflamed	RNASEH2A	protein_cc chr19	12917394	12924452	+	2039	429.7924	0	-0.20094	0.086598	-2.32042	0.022371	0.077671	1
ENSG0000	response	Inflamed	INPP5A	protein_cc chr10	1.34E+08	1.35E+08	+	3701	1451.057	0	0.159664	0.068812	2.320278	0.022379	0.077688	1
ENSG0000	response	Inflamed	CASP7	protein_cc chr10	1.15E+08	1.15E+08	+	3466	5047.141	0	0.35865	0.15461	2.319709	0.022411	0.077789	1
ENSG0000	response	Inflamed	RP11-293F	antisense chr1	24367325	24413289	+	454	2.935561	0.441527	0.263828	0.113759	2.319196	0.02244	0.077879	1
ENSG0000	response	Inflamed	SNX18P3	pseudoger chr9	38566257	38568208	-	1952	15.46301	0.057279	0.476058	0.205295	2.318891	0.022457	0.077929	1
ENSG0000	response	Inflamed	RP11-834C	lincRNA chr12	54475902	54496477	+	528	0.880668	0.77327	-0.24626	0.10621	-2.31859	0.022474	0.077977	1
ENSG0000	response	Inflamed	ENOX1	protein_cc chr13	43787654	44361044	-	3518	45.80907	0.016706	-0.49796	0.214775	-2.31852	0.022478	0.07798	1
ENSG0000	response	Inflamed	RP11-474I	antisense chr1	1.62E+08	1.62E+08	-	575	0.852029	0.794749	-0.22574	0.097367	-2.3184	0.022484	0.077987	1
ENSG0000	response	Inflamed	ACTBP8	pseudoger chr6	88985601	88986708	-	1108	2.577566	0.718377	-0.38626	0.166614	-2.31832	0.022489	0.077987	1
ENSG0000	response	Inflamed	TRBV2	TR_V_gene chr7	1.42E+08	1.42E+08	+	421	22.99045	0.02148	-0.46376	0.200041	-2.3183	0.02249	0.077987	1
ENSG0000	response	Inflamed	ELK1	protein_cc chrX	47494920	47510003	-	3398	1673.52	0	-0.17852	0.077007	-2.31828	0.022491	0.077987	1
ENSG0000	response	Inflamed	AC073869	pseudoger chr2	1.32E+08	1.32E+08	-	3666	77.22196	0.01432	0.502966	0.216986	2.317963	0.022509	0.078025	1
ENSG0000	response	Inflamed	CENPP	protein_cc chr9	95087766	95382815	+	9788	202.6587	0	-0.28396	0.122505	-2.31796	0.022509	0.078025	1
ENSG0000	response	Inflamed	RP11-646E	lincRNA chr3	1.82E+08	1.82E+08	+	592	1.272076	0.687351	0.23696	0.102229	2.31793	0.022511	0.078025	1
ENSG0000	response	Inflamed	ZNF815P	pseudoger chr7	5862791	5894066	+	3325	70.51313	0	-0.23033	0.09937	-2.31787	0.022515	0.078025	1
ENSG0000	response	Inflamed	LL22NC03-	pseudoger chr22	22657589	22664766	+	1121	90.13365	0	-0.24895	0.107405	-2.31783	0.022517	0.078025	1
ENSG0000	response	Inflamed	CTD-2331I	lincRNA chr19	53426635	53427328	+	486	1.918854	0.539379	0.296429	0.127904	2.317589	0.022531	0.078061	1
ENSG0000	response	Inflamed	CFL1	protein_cc chr11	65590493	65629497	-	5863	49735.25	0	0.148984	0.064292	2.317297	0.022547	0.078108	1
ENSG0000	response	Inflamed	CALCOCO1	protein_cc chr12	54104903	54121529	-	6296	2873.878	0	-0.30037	0.12968	-2.31626	0.022606	0.078303	1
ENSG0000	response	Inflamed	TMEM52B	protein_cc chr12	10323141	10344400	+	3489	3.501193	0.27685	-0.34108	0.14726	-2.31616	0.022612	0.078312	1
ENSG0000	response	Inflamed	C1orf56	protein_cc chr1	1.51E+08	1.51E+08	+	2331	116.8234	0	-0.2388	0.103111	-2.31595	0.022624	0.078343	1
ENSG0000	response	Inflamed	AC073621	pseudoger chr17	17325995	17327018	+	1024	1.465394	0.732697	-0.3591	0.155088	-2.31548	0.02265	0.078425	1

ENSG0000 response	Inflamed	TRBV29-1 TR_V_gene	chr7	1.42E+08	1.42E+08	+	402	35.77327	0.00716	-0.49071	0.211935	-2.31536	0.022657	0.078433	1
ENSG0000 response	Inflamed	AC156455 processed	chr12	1.23E+08	1.23E+08	+	1831	29.27924	0.002387	0.335356	0.144843	2.315305	0.02266	0.078433	1
ENSG0000 response	Inflamed	AURKC protein_cc	chr19	57742377	57746916	+	1741	32.01432	0	-0.23627	0.10205	-2.31528	0.022662	0.078433	1
ENSG0000 response	Inflamed	IL23R protein_cc	chr1	67632083	67725662	+	2995	36.15274	0.002387	0.419383	0.181146	2.315173	0.022668	0.078444	1
ENSG0000 response	Inflamed	CTBP1-AS2 antisense	chr4	1243088	1282079	+	7820	708.5609	0	-0.2198	0.09494	-2.31511	0.022671	0.078445	1
ENSG0000 response	Inflamed	RP11-218E lincRNA	chr14	51422977	51428720	-	4714	2.687351	0.448687	-0.33729	0.145729	-2.3145	0.022706	0.078548	1
ENSG0000 response	Inflamed	CARD16 protein_cc	chr11	1.05E+08	1.05E+08	-	1688	713.8974	0	-0.34765	0.150208	-2.31449	0.022707	0.078548	1
ENSG0000 response	Inflamed	RP11-106C antisense	chr15	63124323	63176233	-	4086	13.19093	0.088305	0.55661	0.240535	2.314054	0.022732	0.078624	1
ENSG0000 response	Inflamed	SHISA8 protein_cc	chr22	42307297	42310570	-	486	3.990453	0.403341	-0.39777	0.17193	-2.31358	0.022759	0.078707	1
ENSG0000 response	Inflamed	LRRC18 protein_cc	chr10	50117528	50143242	-	1784	15.11695	0.064439	0.512661	0.221606	2.313385	0.02277	0.07872	1
ENSG0000 response	Inflamed	TMEM170 protein_cc	chr16	75476952	75499395	-	5572	1567.919	0	0.383372	0.165721	2.313351	0.022772	0.07872	1
ENSG0000 response	Inflamed	SCAP protein_cc	chr3	47455203	47518616	-	6282	5458.253	0	0.212788	0.091984	2.31331	0.022774	0.07872	1
ENSG0000 response	Inflamed	LMAN2L protein_cc	chr2	97371666	97405801	-	2709	677.6563	0	0.19906	0.08605	2.313305	0.022775	0.07872	1
ENSG0000 response	Inflamed	RP11-495F lincRNA	chr1	1.48E+08	1.48E+08	+	1800	0.909308	0.77327	0.21904	0.094691	2.313211	0.02278	0.078728	1
ENSG0000 response	Inflamed	HIGD1AP1 pseudoger	chr12	53535837	53536111	+	275	5.494033	0.150358	0.364266	0.157508	2.31268	0.02281	0.078823	1
ENSG0000 response	Inflamed	PNPLA2 protein_cc	chr11	818902	825573	+	3843	5967.986	0	0.23392	0.101153	2.312537	0.022819	0.078841	1
ENSG0000 response	Inflamed	RP11-883A lincRNA	chr18	10594587	10604795	+	855	4.785203	0.27685	-0.36729	0.158851	-2.31217	0.02284	0.078901	1
ENSG0000 response	Inflamed	IGHA2 IG_C_gene	chr14	1.06E+08	1.06E+08	-	1071	355453.9	0	-0.59815	0.258699	-2.31213	0.022842	0.078901	1
ENSG0000 response	Inflamed	FGF13-AS1 antisense	chrX	1.38E+08	1.38E+08	+	1145	0.976134	0.73031	-0.25661	0.110985	-2.31207	0.022845	0.078902	1
ENSG0000 response	Inflamed	REG1A protein_cc	chr2	79347488	79350545	+	1725	18254.48	0.00716	-1.67723	0.725513	-2.31179	0.022862	0.078939	1
ENSG0000 response	Inflamed	EMC7 protein_cc	chr15	34376218	34394149	-	1538	1217.668	0	-0.1712	0.074055	-2.31178	0.022862	0.078939	1
ENSG0000 response	Inflamed	NPEPL1 protein_cc	chr20	57264187	57294294	+	7641	537.3437	0	-0.25284	0.109386	-2.31148	0.022879	0.07898	1
ENSG0000 response	Inflamed	AC135048 protein_cc	chr16	30996808	30997533	-	726	1.183771	0.71599	-0.23962	0.103669	-2.31144	0.022882	0.07898	1
ENSG0000 response	Inflamed	TTC19 protein_cc	chr17	15902694	15948329	+	5966	1965.31	0	0.318964	0.137995	2.311417	0.022883	0.07898	1
ENSG0000 response	Inflamed	POLB protein_cc	chr8	42195972	42229326	+	4106	262.2458	0	-0.23189	0.100335	-2.31119	0.022896	0.079014	1
ENSG0000 response	Inflamed	RBFADN processed	chr18	77806900	77853362	+	6623	27.64916	0.023866	0.455339	0.197027	2.311044	0.022904	0.079033	1
ENSG0000 response	Inflamed	IFNAR1 protein_cc	chr21	34696734	34732168	+	6349	2197.754	0	-0.31107	0.134633	-2.31052	0.022935	0.079127	1
ENSG0000 response	Inflamed	RP11-348M antisense	chr10	1.13E+08	1.13E+08	+	1649	28.02387	0.073986	0.621221	0.26891	2.310145	0.022956	0.079191	1
ENSG0000 response	Inflamed	CALM2P2 pseudoger	chr10	71923441	71923880	+	440	3.088305	0.303103	0.301077	0.130334	2.31005	0.022962	0.0792	1
ENSG0000 response	Inflamed	KLC2 protein_cc	chr11	66024765	66035331	+	5479	1008.415	0	-0.27796	0.120336	-2.30982	0.022975	0.079235	1
ENSG0000 response	Inflamed	ADTRP protein_cc	chr6	11712287	11807279	-	4150	2704.589	0	0.504175	0.218288	2.309683	0.022983	0.079252	1
ENSG0000 response	Inflamed	CDH7 protein_cc	chr18	63417488	63548638	+	5593	2.252983	0.670644	0.447595	0.1938	2.309569	0.022989	0.079264	1
ENSG0000 response	Inflamed	HSPB2 protein_cc	chr11	1.12E+08	1.12E+08	+	1508	8.057279	0.059666	-0.4203	0.181997	-2.30937	0.023001	0.079293	1
ENSG0000 response	Inflamed	RP11-103E lincRNA	chr11	59036349	59051506	-	2805	17.1432	0.121718	0.637296	0.275984	2.309178	0.023012	0.079321	1
ENSG0000 response	Inflamed	TMC7 protein_cc	chr16	18995256	19075264	+	5638	659.8234	0	0.369321	0.159963	2.308784	0.023035	0.079389	1
ENSG0000 response	Inflamed	RP11-545A sense	chr1	1.8E+08	1.8E+08	+	934	1.00716	0.720764	0.24678	0.106893	2.308655	0.023042	0.079405	1
ENSG0000 response	Inflamed	GCAT protein_cc	chr22	38203912	38213183	+	2102	442.0239	0	0.208553	0.090338	2.30858	0.023046	0.079409	1
ENSG0000 response	Inflamed	LILRP2 pseudoger	chr19	55219700	55224955	+	2127	7.312649	0.212411	0.435808	0.188791	2.308409	0.023056	0.079431	1
ENSG0000 response	Inflamed	LINC0090C lincRNA	chr11	1.16E+08	1.16E+08	-	4766	39.4821	0.004773	-0.30582	0.132484	-2.30836	0.023059	0.079431	1
ENSG0000 response	Inflamed	THAP10 protein_cc	chr15	71173681	71185124	-	2399	80.6778	0.002387	0.272865	0.118247	2.307582	0.023104	0.079577	1

ENSG0000 response	Inflamed	DENND5B- antisense	chr12	31742857	31768600	+	1308	1.589499	0.601432	-0.28611	0.124027	-2.30685	0.023147	0.079712	1
ENSG0000 response	Inflamed	IQGAP2	protein_cc chr5	75699074	76003957	+	7904	2441.351	0	0.419659	0.181951	2.306443	0.02317	0.079784	1
ENSG0000 response	Inflamed	AC079781	pseudoger chr7	97567751	97568106	-	356	1.298329	0.646778	-0.22783	0.098786	-2.3063	0.023179	0.079802	1
ENSG0000 response	Inflamed	HOXA13	protein_cc chr7	27233122	27239725	-	4664	1290.375	0.01432	0.542852	0.235386	2.306221	0.023183	0.079807	1
ENSG0000 response	Inflamed	SLC25A5P:	pseudoger chr7	54487137	54488021	+	885	0.873508	0.789976	0.173668	0.07532	2.305726	0.023212	0.079896	1
ENSG0000 response	Inflamed	SLC34A3	protein_cc chr9	1.4E+08	1.4E+08	+	2303	24.05489	0.74463	0.482618	0.209323	2.30561	0.023219	0.079909	1
ENSG0000 response	Inflamed	RPS3AP6	pseudoger chr15	60060543	60061347	+	805	56.46301	0	0.308016	0.133598	2.305533	0.023223	0.079914	1
ENSG0000 response	Inflamed	HIST2H2A(	protein_cc chr1	1.5E+08	1.5E+08	+	437	11.08115	0.026253	-0.34744	0.150717	-2.30527	0.023239	0.079956	1
ENSG0000 response	Inflamed	RP1-228P1	protein_cc chr12	48413554	48419165	-	962	0.854415	0.787589	0.195925	0.084995	2.305135	0.023247	0.079973	1
ENSG0000 response	Inflamed	JAKMIP3	protein_cc chr10	1.34E+08	1.34E+08	+	7608	19.57518	0.040573	-0.44768	0.194264	-2.30448	0.023285	0.080093	1
ENSG0000 response	Inflamed	TRAV12-3	TR_V_gen(chr14	22433680	22434290	+	399	15.89021	0.052506	-0.46598	0.202241	-2.30408	0.023308	0.080163	1
ENSG0000 response	Inflamed	C2orf47	protein_cc chr2	2.01E+08	2.01E+08	+	1624	454.7327	0	0.209813	0.091069	2.303891	0.023319	0.080191	1
ENSG0000 response	Inflamed	AF127936.	lincRNA chr21	16134031	16135411	-	695	19.47255	0.023866	-0.47311	0.205368	-2.30371	0.02333	0.080217	1
ENSG0000 response	Inflamed	EPHA1	protein_cc chr7	1.43E+08	1.43E+08	-	4733	886.7494	0	0.398569	0.173063	2.303028	0.02337	0.080343	1
ENSG0000 response	Inflamed	PITPNM3	protein_cc chr17	6354584	6459814	-	10609	2150.611	0	0.407847	0.177111	2.30278	0.023384	0.080383	1
ENSG0000 response	Inflamed	RP13-122E	sense_ove chr9	1.4E+08	1.4E+08	-	1854	106.4344	0	0.312301	0.135693	2.301524	0.023458	0.080626	1
ENSG0000 response	Inflamed	C9orf172	protein_cc chr9	1.4E+08	1.4E+08	+	2931	118.42	0.016706	0.397156	0.172567	2.301457	0.023462	0.080629	1
ENSG0000 response	Inflamed	PBX2P1	pseudoger chr3	1.43E+08	1.43E+08	+	2181	10.91169	0.0358	-0.26048	0.113207	-2.30087	0.023496	0.080737	1
ENSG0000 response	Inflamed	MCOLN2	protein_cc chr1	85391268	85462796	-	3440	463.2673	0.002387	0.514653	0.223706	2.30058	0.023513	0.080785	1
ENSG0000 response	Inflamed	HHLA3	protein_cc chr1	70820488	70851022	+	1222	169.9952	0	-0.19473	0.084655	-2.30031	0.023529	0.080828	1
ENSG0000 response	Inflamed	MAMSTR	protein_cc chr19	49215999	49222978	-	2265	35.35084	0.002387	-0.3166	0.13764	-2.30018	0.023537	0.08084	1
ENSG0000 response	Inflamed	TMC6	protein_cc chr17	76106539	76128488	-	8669	4255.186	0	-0.24652	0.107176	-2.30015	0.023539	0.08084	1
ENSG0000 response	Inflamed	AC114812	pseudoger chr2	2.35E+08	2.35E+08	+	757	1.260143	0.704057	0.259722	0.112923	2.299984	0.023548	0.080863	1
ENSG0000 response	Inflamed	INTS4L1	pseudoger chr7	64601603	64694600	+	2553	10.88544	0.186158	0.44068	0.19163	2.299644	0.023568	0.080915	1
ENSG0000 response	Inflamed	COLQ	protein_cc chr3	15491640	15563258	-	4353	99.48449	0.002387	-0.36549	0.158934	-2.29962	0.02357	0.080915	1
ENSG0000 response	Inflamed	APOL4	protein_cc chr22	36585172	36600886	-	4375	384.5585	0	-0.38196	0.166106	-2.29952	0.023576	0.080924	1
ENSG0000 response	Inflamed	SIGLEC6	protein_cc chr19	52022779	52035110	-	2573	110.0358	0.009547	-0.47296	0.205704	-2.29923	0.023593	0.08097	1
ENSG0000 response	Inflamed	CTD-2523(	antisense chr11	1.2E+08	1.2E+08	+	523	11.05251	0.033413	0.355314	0.154539	2.299194	0.023595	0.08097	1
ENSG0000 response	Inflamed	UQCRB	protein_cc chr8	97238148	97247862	-	9715	3616.251	0	0.25673	0.111673	2.298944	0.02361	0.08101	1
ENSG0000 response	Inflamed	GFPT1	protein_cc chr2	69546905	69614382	-	8858	8206.465	0	0.37651	0.163793	2.298695	0.023625	0.08105	1
ENSG0000 response	Inflamed	FAM47E-S'	protein_cc chr4	77172886	77232752	+	4003	132.4129	0.002387	0.411019	0.178828	2.298409	0.023641	0.081098	1
ENSG0000 response	Inflamed	MRPL28	protein_cc chr16	417384	420527	-	2404	1281.945	0	-0.16713	0.07273	-2.29792	0.02367	0.081185	1
ENSG0000 response	Inflamed	ARHGAP32	protein_cc chr11	1.29E+08	1.29E+08	-	12841	3938.699	0	0.426248	0.1855	2.297826	0.023676	0.081195	1
ENSG0000 response	Inflamed	OMG	protein_cc chr17	29599031	29624557	-	3837	6.754177	0.145585	-0.42855	0.186522	-2.29756	0.023691	0.081238	1
ENSG0000 response	Inflamed	RP11-468(	lincRNA chr8	16988690	17007298	+	2292	1.403341	0.639618	-0.29966	0.130436	-2.29735	0.023704	0.081271	1
ENSG0000 response	Inflamed	C17orf50	protein_cc chr17	34087916	34092098	+	1063	1.53222	0.591885	0.207298	0.090251	2.296899	0.023731	0.081352	1
ENSG0000 response	Inflamed	AC005841	protein_cc chr12	2958397	2966213	-	939	1.119332	0.73747	0.240503	0.104714	2.296755	0.023739	0.081357	1
ENSG0000 response	Inflamed	LINC0047(	processed_chr9	98521513	98638259	-	5100	142.0764	0	0.269468	0.117327	2.296727	0.023741	0.081357	1
ENSG0000 response	Inflamed	DTX2P1	pseudoger chr7	76607934	76673092	+	2957	127.494	0.01432	0.417252	0.181673	2.296716	0.023742	0.081357	1
ENSG0000 response	Inflamed	TRAV12-2	TR_V_gen(chr14	22356037	22356682	+	445	21.18854	0.038186	-0.41657	0.181408	-2.29629	0.023767	0.081432	1

ENSG0000 response	Inflamed	ZNF215	protein_cc chr11	6947635	7005863	+	4025	205.0811	0	-0.46596	0.202925	-2.29624	0.02377	0.081433	1
ENSG0000 response	Inflamed	NDUFB5	protein_cc chr3	1.79E+08	1.79E+08	+	5871	1362.69	0	0.227745	0.09919	2.296034	0.023782	0.081447	1
ENSG0000 response	Inflamed	F11R	protein_cc chr1	1.61E+08	1.61E+08	-	5066	6264.952	0	0.288228	0.125534	2.296018	0.023783	0.081447	1
ENSG0000 response	Inflamed	AC093388	antisense chr2	1.91E+08	1.91E+08	+	404	7.804296	0.031026	0.291466	0.126946	2.295984	0.023785	0.081447	1
ENSG0000 response	Inflamed	ATP5C1P1	pseudoger chr14	54457819	54458713	-	895	1.813842	0.522673	0.251434	0.109512	2.295961	0.023787	0.081447	1
ENSG0000 response	Inflamed	PAIP2	protein_cc chr5	1.39E+08	1.39E+08	+	3155	1239.296	0	-0.22101	0.096267	-2.29583	0.023795	0.081464	1
ENSG0000 response	Inflamed	ERICH2	protein_cc chr2	1.72E+08	1.72E+08	+	601	4.570406	0.212411	-0.3338	0.145401	-2.29572	0.023801	0.081475	1
ENSG0000 response	Inflamed	NPTXR	protein_cc chr22	39214457	39239987	-	5784	152.6826	0.02148	-0.61455	0.267744	-2.29529	0.023827	0.081552	1
ENSG0000 response	Inflamed	PXT1	protein_cc chr6	36358328	36410666	-	2108	0.859189	0.782816	-0.23107	0.100681	-2.29504	0.023842	0.081593	1
ENSG0000 response	Inflamed	CELP	pseudoger chr9	1.36E+08	1.36E+08	+	1249	25.79475	0.319809	0.686873	0.299309	2.294863	0.023852	0.081618	1
ENSG0000 response	Inflamed	HLA-DPA3	pseudoger chr6	33098993	33111102	-	229	2.742243	0.541766	-0.42308	0.184367	-2.29479	0.023856	0.081622	1
ENSG0000 response	Inflamed	PSMD4	protein_cc chr1	1.51E+08	1.51E+08	+	3027	2666.943	0	-0.13463	0.058671	-2.29469	0.023862	0.081632	1
ENSG0000 response	Inflamed	JPH1	protein_cc chr8	75146935	75233563	-	4378	598.5012	0	0.44329	0.193193	2.294551	0.023871	0.08165	1
ENSG0000 response	Inflamed	WWC3	protein_cc chrX	9983602	10112518	+	7114	1781.666	0	-0.29798	0.129881	-2.29428	0.023887	0.08169	1
ENSG0000 response	Inflamed	MED30	protein_cc chr8	1.19E+08	1.19E+08	+	1440	247.1193	0	0.182745	0.079654	2.294247	0.023889	0.08169	1
ENSG0000 response	Inflamed	RP11-731F	lincRNA chr14	1.06E+08	1.06E+08	-	930	18.358	0.140811	-0.6179	0.26936	-2.29394	0.023907	0.081742	1
ENSG0000 response	Inflamed	CNST	protein_cc chr1	2.47E+08	2.47E+08	+	5922	1181.771	0	0.393084	0.171384	2.293584	0.023928	0.081805	1
ENSG0000 response	Inflamed	SLC25A42	protein_cc chr19	19174808	19223697	+	4519	665.6659	0	-0.28633	0.124843	-2.29352	0.023932	0.081808	1
ENSG0000 response	Inflamed	AKR1C7P	pseudoger chr10	5317136	5330433	-	895	1.823389	0.52506	-0.28594	0.124689	-2.29325	0.023948	0.081851	1
ENSG0000 response	Inflamed	RP11-6771	pseudoger chr11	14695152	14696101	-	950	2.183771	0.436754	-0.27226	0.118729	-2.29308	0.023958	0.081875	1
ENSG0000 response	Inflamed	CCL13	protein_cc chr17	32683471	32685629	+	851	318.21	0	-0.60903	0.265659	-2.29253	0.023992	0.081978	1
ENSG0000 response	Inflamed	SDCBP2-AS1	antisense chr20	1306049	1359378	+	4058	52.69928	0	-0.32693	0.142621	-2.29227	0.024007	0.08202	1
ENSG0000 response	Inflamed	MLTK	protein_cc chr2	1.74E+08	1.74E+08	+	13799	910.8616	0	-0.44605	0.194657	-2.29149	0.024054	0.08217	1
ENSG0000 response	Inflamed	SEL1L	protein_cc chr14	81937893	82000205	-	9559	6323.947	0	-0.40056	0.174864	-2.29068	0.024102	0.082325	1
ENSG0000 response	Inflamed	TWSG1	protein_cc chr18	9334765	9402418	+	4435	810.5418	0	-0.40685	0.177614	-2.29062	0.024106	0.082326	1
ENSG0000 response	Inflamed	MT-TG	Mt_tRNA chrM	9991	10058	+	68	9.033413	0.100239	0.429413	0.18749	2.290317	0.024124	0.082378	1
ENSG0000 response	Inflamed	PRKAB1	protein_cc chr12	1.2E+08	1.2E+08	+	6246	3104.621	0	0.214845	0.093818	2.290023	0.024142	0.082428	1
ENSG0000 response	Inflamed	RP11-44N1	lincRNA chr8	99955823	99956326	+	504	1.479714	0.687351	-0.30406	0.132782	-2.28993	0.024148	0.082437	1
ENSG0000 response	Inflamed	MINK1	protein_cc chr17	4736683	4801356	+	7817	11429.43	0	0.268499	0.117256	2.289858	0.024152	0.082441	1
ENSG0000 response	Inflamed	DCST2	protein_cc chr1	1.55E+08	1.55E+08	-	3071	53.87589	0.004773	0.466525	0.203746	2.28974	0.024159	0.082454	1
ENSG0000 response	Inflamed	PDLIM1	protein_cc chr10	96997329	97050781	-	2239	13442.46	0	0.175951	0.076855	2.289382	0.024181	0.082517	1
ENSG0000 response	Inflamed	CTB-78O2	pseudoger chr5	1.45E+08	1.45E+08	-	876	19.41289	0.128878	0.605193	0.264368	2.289203	0.024192	0.082543	1
ENSG0000 response	Inflamed	UBASH3A	protein_cc chr21	43824008	43867791	+	3564	173.401	0	-0.36971	0.161518	-2.28901	0.024203	0.082573	1
ENSG0000 response	Inflamed	RP11-3091	antisense chr17	72966799	72971823	+	815	7.329356	0.105012	-0.3488	0.152386	-2.28891	0.024209	0.082582	1
ENSG0000 response	Inflamed	FCRL1	protein_cc chr1	1.58E+08	1.58E+08	-	3935	246.895	0.026253	-0.87559	0.382561	-2.28877	0.024218	0.0826	1
ENSG0000 response	Inflamed	ELOVL1	protein_cc chr1	43829068	43833696	-	2458	4602.885	0	0.156675	0.068456	2.288697	0.024222	0.082605	1
ENSG0000 response	Inflamed	ELANE	protein_cc chr19	851014	856242	+	1023	22.18138	0.00716	0.356975	0.155983	2.288551	0.024231	0.082624	1
ENSG0000 response	Inflamed	GMPPA	protein_cc chr2	2.2E+08	2.2E+08	+	5331	2556.453	0	-0.13329	0.058242	-2.28848	0.024235	0.082629	1
ENSG0000 response	Inflamed	NR2F1-AS1	processed_chr5	92745065	92921354	-	7720	86.04296	0	-0.41777	0.182559	-2.28841	0.02424	0.082633	1
ENSG0000 response	Inflamed	RP11-197F	antisense chr9	77567884	77611209	+	719	1.281623	0.658711	0.227258	0.099312	2.288319	0.024245	0.082638	1

ENSG0000 response	Inflamed	L3MBTL2	protein_cc chr22	41601209	41627275	+	6451	1537.542	0	-0.18368	0.080271	-2.28828	0.024247	0.082638	1
ENSG0000 response	Inflamed	MEP1AP4	pseudoger chr9	44147906	44154014	+	1087	8.102625	0.281623	0.463044	0.202377	2.288024	0.024263	0.082679	1
ENSG0000 response	Inflamed	KRTAP5-1C	protein_cc chr11	71276609	71279980	+	1130	1.632458	0.603819	0.240594	0.10516	2.28788	0.024272	0.082698	1
ENSG0000 response	Inflamed	EPPK1	protein_cc chr8	1.45E+08	1.45E+08	-	7997	2688.556	0	0.463448	0.202593	2.287583	0.02429	0.082745	1
ENSG0000 response	Inflamed	ARRDC3	protein_cc chr5	90664541	90679176	-	4934	1355.983	0	-0.42882	0.187459	-2.28755	0.024292	0.082745	1
ENSG0000 response	Inflamed	RP11-834C	antisense chr12	54556923	54562379	+	403	0.792363	0.787589	0.208489	0.091148	2.287377	0.024302	0.08277	1
ENSG0000 response	Inflamed	RP5-850O	lincRNA chr1	50902700	50902978	-	279	3.77327	0.260143	0.343505	0.150183	2.287246	0.02431	0.082786	1
ENSG0000 response	Inflamed	PDZD11	protein_cc chrX	69506445	69510364	-	1393	749.9976	0	0.23288	0.101829	2.286969	0.024327	0.082829	1
ENSG0000 response	Inflamed	CTD-2555C	lincRNA chr14	1.03E+08	1.03E+08	+	1603	86.30072	0.004773	-0.58903	0.257561	-2.28693	0.024329	0.082829	1
ENSG0000 response	Inflamed	R3HDM1	protein_cc chr2	1.36E+08	1.36E+08	+	7898	1080.446	0	-0.28505	0.124658	-2.28663	0.024347	0.082881	1
ENSG0000 response	Inflamed	RP11-112J	lincRNA chr9	35772160	35790429	+	952	30.9642	0.019093	0.487563	0.213254	2.2863	0.024367	0.082939	1
ENSG0000 response	Inflamed	ARMC4	protein_cc chr10	28064115	28287977	-	5697	5.591885	0.272076	-0.43646	0.190914	-2.28618	0.024375	0.082953	1
ENSG0000 response	Inflamed	NPY6R	pseudoger chr5	1.37E+08	1.37E+08	+	2988	242.8258	0.002387	0.608887	0.266345	2.286084	0.024381	0.082962	1
ENSG0000 response	Inflamed	RP11-944C	protein_cc chr14	90095265	90109015	-	1122	1.794749	0.639618	0.221265	0.096815	2.285443	0.024419	0.083084	1
ENSG0000 response	Inflamed	RP11-982M	lincRNA chr14	1.05E+08	1.05E+08	-	723	2.193317	0.494033	0.282452	0.123594	2.285324	0.024427	0.083098	1
ENSG0000 response	Inflamed	VPS4A	protein_cc chr16	69345259	69358949	+	3777	2697.2	0	0.11129	0.0487	2.285208	0.024434	0.083111	1
ENSG0000 response	Inflamed	RP11-195C	antisense chr1	1.76E+08	1.76E+08	+	579	4.463007	0.174224	0.300103	0.131341	2.284911	0.024452	0.083162	1
ENSG0000 response	Inflamed	AP000350	protein_cc chr22	24236613	24241117	-	1476	75.8401	0.102625	0.382941	0.167615	2.284643	0.024468	0.083206	1
ENSG0000 response	Inflamed	PLA2G4F	protein_cc chr15	42433332	42448839	-	4014	1751.031	0.002387	0.508527	0.222598	2.284508	0.024476	0.083224	1
ENSG0000 response	Inflamed	MARK1	protein_cc chr1	2.21E+08	2.21E+08	+	5371	123.1193	0.00716	-0.41452	0.181459	-2.28439	0.024484	0.083237	1
ENSG0000 response	Inflamed	RP11-2E11	lincRNA chr7	1.3E+08	1.3E+08	-	2902	3.494033	0.357995	0.342706	0.150103	2.28314	0.02456	0.083486	1
ENSG0000 response	Inflamed	KRT79	protein_cc chr12	53215194	53228079	-	2542	4.446301	0.494033	-0.41507	0.181827	-2.2828	0.024581	0.083546	1
ENSG0000 response	Inflamed	DSCAM	protein_cc chr21	41382926	42219065	-	8552	2	0.608592	-0.36845	0.161422	-2.28252	0.024598	0.083593	1
ENSG0000 response	Inflamed	SLC30A3	protein_cc chr2	27476552	27498685	-	5978	2.897375	0.427208	-0.37111	0.162642	-2.28178	0.024643	0.083736	1
ENSG0000 response	Inflamed	LRP5L	protein_cc chr22	25747385	25801344	-	4555	350.9141	0	0.371291	0.162739	2.281519	0.024659	0.08377	1
ENSG0000 response	Inflamed	LINC00028	lincRNA chr20	30073581	30075377	+	587	0.942721	0.763723	-0.23873	0.104634	-2.28152	0.024659	0.08377	1
ENSG0000 response	Inflamed	TRAV13-2	TR_V_gene chr14	22386363	22386931	+	410	9.279236	0.073986	-0.36888	0.161687	-2.28146	0.024663	0.083772	1
ENSG0000 response	Inflamed	EOMES	protein_cc chr3	27757440	27764206	-	3660	123.9905	0.011933	-0.55095	0.241508	-2.28129	0.024674	0.083797	1
ENSG0000 response	Inflamed	TPP1	protein_cc chr11	6634000	6640692	-	4895	10008.92	0	-0.22497	0.098626	-2.28106	0.024688	0.083834	1
ENSG0000 response	Inflamed	LLGL1	protein_cc chr17	18128901	18148189	+	6616	1197.943	0	-0.28136	0.123353	-2.28096	0.024693	0.083842	1
ENSG0000 response	Inflamed	IFIT3	protein_cc chr10	91087651	91100728	+	2640	622.8329	0	-0.54628	0.239518	-2.28075	0.024706	0.083876	1
ENSG0000 response	Inflamed	SMCO2	protein_cc chr12	27619743	27655118	+	1978	6.852029	0.24105	-0.43477	0.190645	-2.28054	0.02472	0.08391	1
ENSG0000 response	Inflamed	LINC00846	lincRNA chr21	33944548	33948191	-	1778	2.21957	0.46778	-0.27943	0.122538	-2.28035	0.024731	0.083939	1
ENSG0000 response	Inflamed	ZNF676	protein_cc chr19	22361893	22379753	-	2944	2.756563	0.448687	-0.357	0.156575	-2.28008	0.024748	0.083984	1
ENSG0000 response	Inflamed	RNF130	protein_cc chr5	1.79E+08	1.79E+08	-	12822	2257.033	0	-0.15794	0.069273	-2.27992	0.024757	0.084005	1
ENSG0000 response	Inflamed	MIR7-3HG	lincRNA chr19	4769117	4772545	+	1159	4.448687	0.221957	0.394671	0.173129	2.27963	0.024776	0.084056	1
ENSG0000 response	Inflamed	ZFYVE27	protein_cc chr10	99496878	99520664	+	4031	2455.294	0	0.219946	0.09649	2.279467	0.024786	0.084079	1
ENSG0000 response	Inflamed	SNORA40	snoRNA chr1	1.51E+08	1.51E+08	-	121	3.53222	0.303103	0.327443	0.143678	2.278998	0.024815	0.084166	1
ENSG0000 response	Inflamed	ZNF259P1	pseudoger chr6	1.09E+08	1.09E+08	-	4928	2.155131	0.505967	0.308202	0.135256	2.278664	0.024835	0.084226	1
ENSG0000 response	Inflamed	RP11-525A	lincRNA chr10	1.12E+08	1.12E+08	-	628	1.479714	0.649165	-0.32325	0.141865	-2.27856	0.024841	0.084236	1

ENSG0000 response	Inflamed	RAP2C-AS1 antisense	chrX	1.31E+08	1.32E+08	+	3536	42.00239	0.00716	-0.28686	0.125907	-2.27832	0.024857	0.084277	1	
ENSG0000 response	Inflamed	WASH7P	pseudoger	chr1	14363	29806	-	2073	309.5131	0	0.18151	0.079671	2.278235	0.024862	0.084283	1
ENSG0000 response	Inflamed	KIAA1586	protein_cc	chr6	56911347	56920023	+	3078	94.93795	0	-0.39103	0.171658	-2.27795	0.02488	0.084332	1
ENSG0000 response	Inflamed	RP11-384F	antisense	chr9	33732973	33738414	-	486	2.73031	0.415274	0.3006	0.132001	2.277256	0.024922	0.084466	1
ENSG0000 response	Inflamed	MRGBP	protein_cc	chr20	61427805	61431945	+	1636	499.7232	0	-0.13827	0.060724	-2.27702	0.024937	0.084506	1
ENSG0000 response	Inflamed	SLC25A20	protein_cc	chr3	48894369	48936426	-	1977	1303.802	0	0.223351	0.098093	2.276928	0.024943	0.084514	1
ENSG0000 response	Inflamed	FAM163A	protein_cc	chr1	1.8E+08	1.8E+08	+	2909	85.53222	0.009547	-0.44917	0.197321	-2.27633	0.02498	0.084628	1
ENSG0000 response	Inflamed	EME1	protein_cc	chr17	48450581	48458844	+	3294	77.08831	0.002387	-0.37075	0.162912	-2.27578	0.025014	0.084733	1
ENSG0000 response	Inflamed	ZZEF1	protein_cc	chr17	3907739	4046314	-	15878	10446.92	0	0.286507	0.125902	2.275636	0.025023	0.084753	1
ENSG0000 response	Inflamed	RP1-96H9	pseudoger	chr12	6379325	6379591	-	267	0.816229	0.794749	0.175512	0.077137	2.275335	0.025042	0.084805	1
ENSG0000 response	Inflamed	SPIRE1	protein_cc	chr18	12446511	12658133	-	6532	455.8067	0	-0.40216	0.176809	-2.27452	0.025092	0.084966	1
ENSG0000 response	Inflamed	CTPS1	protein_cc	chr1	41445007	41478235	+	5749	872.1504	0	-0.29543	0.129909	-2.27414	0.025116	0.085035	1
ENSG0000 response	Inflamed	BDNF-AS	antisense	chr11	27528385	27719721	+	3726	39.5895	0.00716	0.362833	0.159572	2.27378	0.025138	0.085101	1
ENSG0000 response	Inflamed	GALE	protein_cc	chr1	24122089	24127271	-	3955	4003.723	0	0.276388	0.121561	2.273654	0.025146	0.085113	1
ENSG0000 response	Inflamed	TRABD	protein_cc	chr22	50624344	50638027	+	3153	3435.053	0	-0.18991	0.08353	-2.27358	0.025151	0.085113	1
ENSG0000 response	Inflamed	KSR1	protein_cc	chr17	25783670	25953461	+	11817	1801.461	0	-0.29455	0.129556	-2.27357	0.025152	0.085113	1
ENSG0000 response	Inflamed	RP11-4O1	sense_ove	chr9	1.15E+08	1.15E+08	-	4836	188.2792	0	0.369921	0.16273	2.273223	0.025173	0.085175	1
ENSG0000 response	Inflamed	ATG9B	protein_cc	chr7	1.51E+08	1.51E+08	-	6404	32.48687	0.016706	-0.43288	0.190432	-2.27314	0.025179	0.085182	1
ENSG0000 response	Inflamed	RP11-521E	antisense	chr14	1.06E+08	1.06E+08	-	2279	31.5537	0.01432	-0.31749	0.139684	-2.27294	0.025191	0.085213	1
ENSG0000 response	Inflamed	SDC3	protein_cc	chr1	31342314	31381608	-	7067	4537.205	0	-0.33777	0.148621	-2.27271	0.025205	0.08525	1
ENSG0000 response	Inflamed	ITLN2	protein_cc	chr1	1.61E+08	1.61E+08	-	1636	331.0859	0.078759	1.067514	0.469816	2.272197	0.025238	0.085348	1
ENSG0000 response	Inflamed	SKA1	protein_cc	chr18	47901365	47920543	+	2950	197.7661	0	-0.34772	0.153072	-2.27158	0.025276	0.085467	1
ENSG0000 response	Inflamed	SYNDIG1L	protein_cc	chr14	74872596	74892805	-	2612	6.28401	0.171838	-0.3744	0.164853	-2.27114	0.025304	0.085549	1
ENSG0000 response	Inflamed	CTBP2P4	pseudoger	chr5	97912045	97912964	+	920	3.023866	0.295943	0.299228	0.131765	2.270932	0.025317	0.085583	1
ENSG0000 response	Inflamed	PSMC3IP	protein_cc	chr17	40724333	40729849	-	2573	126.4869	0	-0.3018	0.132906	-2.2708	0.025325	0.0856	1
ENSG0000 response	Inflamed	POLH	protein_cc	chr6	43543887	43586701	+	3663	529.0597	0	-0.28426	0.125196	-2.2705	0.025344	0.085653	1
ENSG0000 response	Inflamed	OSBPL1A	protein_cc	chr18	21742008	21977844	-	8022	835.4177	0	0.314974	0.138739	2.270261	0.025359	0.085693	1
ENSG0000 response	Inflamed	RP3-523K2	sense_ove	chr6	54807965	54809897	+	1933	268.3771	0.00716	0.531313	0.234148	2.269135	0.02543	0.085917	1
ENSG0000 response	Inflamed	MKKN2	protein_cc	chr19	2037470	2051243	-	5275	11154.01	0	0.208107	0.091713	2.269104	0.025432	0.085917	1
ENSG0000 response	Inflamed	CTC-548K1	lincRNA	chr19	14444555	14454725	+	765	31.99761	0.009547	0.402485	0.177391	2.268922	0.025443	0.085945	1
ENSG0000 response	Inflamed	AP2M1	protein_cc	chr3	1.84E+08	1.84E+08	+	4753	9104.317	0	-0.12283	0.054141	-2.26878	0.025452	0.085964	1
ENSG0000 response	Inflamed	BCL3	protein_cc	chr19	45250962	45263301	+	3242	4723.692	0	-0.28393	0.125164	-2.26847	0.025472	0.086019	1
ENSG0000 response	Inflamed	VPS9D1	protein_cc	chr16	89773542	89787394	-	3428	1068.005	0	-0.26111	0.115119	-2.26822	0.025488	0.086055	1
ENSG0000 response	Inflamed	IDH1	protein_cc	chr2	2.09E+08	2.09E+08	-	4721	4530.905	0	0.32158	0.141778	2.268196	0.025489	0.086055	1
ENSG0000 response	Inflamed	RP11-4161	sense_intr	chr10	1.05E+08	1.05E+08	+	524	1.553699	0.632458	0.313526	0.138232	2.268105	0.025495	0.086064	1
ENSG0000 response	Inflamed	RP11-4731	pseudoger	chr4	42563474	42564442	-	969	0.961814	0.74463	0.224718	0.099085	2.267939	0.025506	0.086088	1
ENSG0000 response	Inflamed	CRTC3	protein_cc	chr15	91073157	91188577	+	10814	2273.931	0	-0.21744	0.095902	-2.26734	0.025543	0.086205	1
ENSG0000 response	Inflamed	AC142528	antisense	chr2	3523046	3526968	+	974	4.801909	0.147971	-0.31731	0.139971	-2.267	0.025565	0.086268	1
ENSG0000 response	Inflamed	NDUFA1	protein_cc	chrX	1.19E+08	1.19E+08	+	766	2457.778	0	0.259443	0.114449	2.266891	0.025572	0.086279	1
ENSG0000 response	Inflamed	C19orf45	protein_cc	chr19	7557862	7573336	+	2912	32.85442	0.002387	0.372489	0.164326	2.266774	0.025579	0.086293	1

ENSG0000 response	Inflamed	PLIN4	protein_cc chr19	4502204	4517716	-	6341	107.6611	0.01432	-0.7103	0.313378	-2.26658	0.025591	0.086322	1
ENSG0000 response	Inflamed	CCDC127	protein_cc chr5	196986	218330	-	9701	597.2148	0	-0.14631	0.064567	-2.26594	0.025632	0.086449	1
ENSG0000 response	Inflamed	CCDC137	protein_cc chr17	79633394	79640934	+	2762	857.8377	0	-0.16855	0.074398	-2.26557	0.025656	0.086505	1
ENSG0000 response	Inflamed	NAALADL2	protein_cc chr3	1.74E+08	1.76E+08	+	8680	153.8974	0	0.391096	0.172627	2.265557	0.025657	0.086505	1
ENSG0000 response	Inflamed	HIC2	protein_cc chr22	21771693	21805752	+	7219	641.3389	0	0.26838	0.118464	2.26551	0.02566	0.086505	1
ENSG0000 response	Inflamed	ANKRD20A	protein_cc chr9	43064966	43133544	-	5540	1.486874	0.651551	0.230612	0.101794	2.265473	0.025662	0.086505	1
ENSG0000 response	Inflamed	GNG2	protein_cc chr14	52292913	52446060	+	6374	892.222	0	-0.33321	0.147092	-2.26529	0.025673	0.086533	1
ENSG0000 response	Inflamed	G6PC3	protein_cc chr17	42148103	42153709	+	4548	1631.129	0	-0.16094	0.071059	-2.26492	0.025697	0.086602	1
ENSG0000 response	Inflamed	ARL4A	protein_cc chr7	12726481	12730559	+	3561	984.6444	0	0.272844	0.120472	2.264788	0.025705	0.086614	1
ENSG0000 response	Inflamed	C20orf26	protein_cc chr20	20033158	20341346	+	7319	3.081146	0.331742	-0.37805	0.166928	-2.26476	0.025707	0.086614	1
ENSG0000 response	Inflamed	TTC39C	protein_cc chr18	21572737	21715574	+	7188	332.8854	0	-0.29287	0.129319	-2.26468	0.025712	0.086619	1
ENSG0000 response	Inflamed	OLFML3	protein_cc chr1	1.15E+08	1.15E+08	+	2265	1031.241	0	-0.38018	0.167893	-2.26438	0.025731	0.086672	1
ENSG0000 response	Inflamed	SPRR3	protein_cc chr1	1.53E+08	1.53E+08	+	1441	24.27446	0.704057	-0.85067	0.375698	-2.26424	0.025741	0.086692	1
ENSG0000 response	Inflamed	KB-1572G	processed_chr22	23972805	23981128	-	1087	6.615752	0.221957	0.408748	0.180533	2.26412	0.025748	0.086696	1
ENSG0000 response	Inflamed	ZNF311	protein_cc chr6	28962562	28973093	-	3176	70.45823	0	0.40808	0.180238	2.264116	0.025748	0.086696	1
ENSG0000 response	Inflamed	TRAV8-4	TR_V_genchr14	22362613	22363210	+	469	15.20525	0.050119	-0.44126	0.194917	-2.26383	0.025767	0.086747	1
ENSG0000 response	Inflamed	ATP8A1	protein_cc chr4	42410390	42659122	-	11199	1750.499	0	0.511452	0.22596	2.263459	0.02579	0.086815	1
ENSG0000 response	Inflamed	CD244	protein_cc chr1	1.61E+08	1.61E+08	-	2904	102.6587	0	-0.30008	0.132598	-2.26309	0.025814	0.086879	1
ENSG0000 response	Inflamed	PAQR7	protein_cc chr1	26187701	26197744	-	3297	450.3532	0	-0.30341	0.134069	-2.26306	0.025816	0.086879	1
ENSG0000 response	Inflamed	HECTD3	protein_cc chr1	45468212	45477001	-	5077	6491.594	0	0.274979	0.121517	2.262892	0.025826	0.086904	1
ENSG0000 response	Inflamed	KIAA1467	protein_cc chr12	13197218	13295455	+	6807	112.4654	0.002387	-0.30155	0.133268	-2.26275	0.025835	0.086914	1
ENSG0000 response	Inflamed	SP6	protein_cc chr17	45922279	45933240	-	4070	554.0549	0	-0.40822	0.180411	-2.26274	0.025836	0.086914	1
ENSG0000 response	Inflamed	RP11-545A	pseudoger chr1	1.8E+08	1.8E+08	+	2471	8.844869	0.116945	0.40425	0.178665	2.262613	0.025844	0.08693	1
ENSG0000 response	Inflamed	TRBV5-6	TR_V_genchr7	1.42E+08	1.42E+08	-	384	10.36277	0.105012	-0.44584	0.197054	-2.26253	0.02585	0.086938	1
ENSG0000 response	Inflamed	RPL3P6	pseudoger chr5	60686495	60687698	-	1204	1.968974	0.529833	0.27286	0.120609	2.262359	0.025861	0.086963	1
ENSG0000 response	Inflamed	FAM92A1	protein_cc chr8	94710789	94743755	+	7420	179.463	0	-0.35869	0.158556	-2.26223	0.025869	0.086979	1
ENSG0000 response	Inflamed	POLR2J4	pseudoger chr7	44053161	44058769	-	1424	184.9833	0	0.134205	0.059344	2.261479	0.025917	0.08713	1
ENSG0000 response	Inflamed	GUK1	protein_cc chr1	2.28E+08	2.28E+08	+	4725	4765.926	0	-0.2227	0.098541	-2.25999	0.026013	0.08744	1
ENSG0000 response	Inflamed	TECRP1	pseudoger chr4	87870818	87871276	-	459	13.4821	0.004773	0.214972	0.095141	2.259522	0.026043	0.08753	1
ENSG0000 response	Inflamed	RP11-69G	lincRNA chr15	63391069	63402602	+	658	1.706444	0.639618	0.23572	0.10433	2.259368	0.026053	0.087553	1
ENSG0000 response	Inflamed	04-Mar	protein_cc chr2	2.17E+08	2.17E+08	-	4447	25.15274	0.038186	0.561094	0.248366	2.259144	0.026067	0.08759	1
ENSG0000 response	Inflamed	TACR2	protein_cc chr10	71163659	71176623	-	2871	52.27208	0	0.529699	0.234584	2.258032	0.026139	0.08782	1
ENSG0000 response	Inflamed	FZD9	protein_cc chr7	72848109	72850450	+	2342	32.7494	0.01432	0.506909	0.224544	2.257502	0.026173	0.087924	1
ENSG0000 response	Inflamed	AC104024	lincRNA chr17	16879313	16884667	-	2201	15.01909	0.069212	-0.49607	0.219767	-2.25723	0.026191	0.087972	1
ENSG0000 response	Inflamed	RP3-508I1	antisense chr22	39063590	39077825	-	3358	11.37232	0.02864	-0.32631	0.144595	-2.25668	0.026227	0.088081	1
ENSG0000 response	Inflamed	FAM49B	protein_cc chr8	1.31E+08	1.31E+08	-	9129	1593.666	0	-0.30537	0.135326	-2.25651	0.026237	0.088105	1
ENSG0000 response	Inflamed	RP4-584D1	antisense chr7	1.5E+08	1.5E+08	-	577	13.50119	0.062053	0.386477	0.171321	2.255864	0.026279	0.088235	1
ENSG0000 response	Inflamed	VPS16	protein_cc chr20	2821349	2847378	+	3364	1248.504	0	-0.14917	0.066138	-2.25544	0.026307	0.088317	1
ENSG0000 response	Inflamed	FRYL	protein_cc chr4	48499378	48782339	-	18170	3944.134	0	0.435395	0.193047	2.255384	0.02631	0.088317	1
ENSG0000 response	Inflamed	RNPEP	protein_cc chr1	2.02E+08	2.02E+08	+	3111	6845.742	0	0.204734	0.090781	2.255251	0.026319	0.088335	1

ENSG0000 response	Inflamed	RP1-102E2	pseudoger chr12	6586880	6589373	+	2494	6.813842	0.100239	0.337116	0.149523	2.254604	0.026361	0.088465	1
ENSG0000 response	Inflamed	RP1-86C11	lincRNA chr6	27090436	27091000	-	565	12.68258	0.02864	-0.29971	0.132936	-2.25451	0.026367	0.088467	1
ENSG0000 response	Inflamed	CTD-2201l	antisense chr5	79348197	79379477	-	3233	18.99045	0.066826	0.454003	0.201377	2.254492	0.026368	0.088467	1
ENSG0000 response	Inflamed	AXL	protein_cc chr19	41725108	41767671	+	5154	2155.876	0	-0.31965	0.141799	-2.25427	0.026383	0.088505	1
ENSG0000 response	Inflamed	MAP3K10	protein_cc chr19	40697651	40721482	+	4566	667.3222	0	-0.23852	0.105814	-2.25411	0.026393	0.088528	1
ENSG0000 response	Inflamed	PAQR4	protein_cc chr16	3019246	3023490	+	2972	1163.893	0	-0.1988	0.088197	-2.25401	0.0264	0.088531	1
ENSG0000 response	Inflamed	RP11-356l	pseudoger chr15	59693420	59694203	-	784	0.897375	0.782816	-0.23624	0.104809	-2.25399	0.026401	0.088531	1
ENSG0000 response	Inflamed	HAS2	protein_cc chr8	1.23E+08	1.23E+08	-	4190	196.4726	0	-0.48157	0.213732	-2.25314	0.026457	0.088706	1
ENSG0000 response	Inflamed	ZFYVE9	protein_cc chr1	52608046	52812358	+	5529	684.8019	0	0.395473	0.175594	2.252204	0.026518	0.0889	1
ENSG0000 response	Inflamed	CDK5R1	protein_cc chr17	30813637	30818274	+	4325	216.568	0.011933	-0.47179	0.209507	-2.25189	0.026538	0.088958	1
ENSG0000 response	Inflamed	ADRM1	protein_cc chr20	60877149	60883918	+	2142	3305.9	0	-0.1601	0.071097	-2.25184	0.026542	0.088958	1
ENSG0000 response	Inflamed	PDK3	protein_cc chrX	24483338	24557954	+	2695	261.494	0	-0.18912	0.083999	-2.2515	0.026564	0.08901	1
ENSG0000 response	Inflamed	CTC-479C5	protein_cc chr16	67963517	67969920	-	5685	333.8091	0	-0.22505	0.099958	-2.25148	0.026565	0.08901	1
ENSG0000 response	Inflamed	PDLIM3	protein_cc chr4	1.86E+08	1.86E+08	-	8080	747.568	0	-0.44379	0.197114	-2.25145	0.026567	0.08901	1
ENSG0000 response	Inflamed	APCDD1	protein_cc chr18	10454625	10489945	+	5943	1222.284	0	-0.43371	0.192671	-2.25102	0.026595	0.089092	1
ENSG0000 response	Inflamed	AC007228	lincRNA chr19	57183942	57185269	-	1328	44.68258	0.011933	0.225258	0.100086	2.250643	0.02662	0.089163	1
ENSG0000 response	Inflamed	AC009951	pseudoger chr2	1.45E+08	1.45E+08	-	2966	2.0358	0.548926	-0.30872	0.137202	-2.25015	0.026653	0.089261	1
ENSG0000 response	Inflamed	FUT1	protein_cc chr19	49251268	49258647	-	4343	62.3389	0.01432	-0.43929	0.195247	-2.2499	0.026669	0.089303	1
ENSG0000 response	Inflamed	SGCB	protein_cc chr4	52886872	52904648	-	4541	1047.088	0	-0.3134	0.139313	-2.24963	0.026687	0.089353	1
ENSG0000 response	Inflamed	RP1-315G	lincRNA chrX	1.23E+08	1.23E+08	-	326	1.902148	0.501193	-0.24542	0.109099	-2.24948	0.026696	0.089373	1
ENSG0000 response	Inflamed	IMPG2	protein_cc chr3	1.01E+08	1.01E+08	-	8337	10.98807	0.124105	-0.47101	0.209459	-2.24871	0.026747	0.089531	1
ENSG0000 response	Inflamed	ELMOD1	protein_cc chr11	1.07E+08	1.08E+08	+	5856	3.844869	0.350835	-0.46972	0.208907	-2.24847	0.026763	0.08957	1
ENSG0000 response	Inflamed	FUCA2	protein_cc chr6	1.44E+08	1.44E+08	-	3119	2846.573	0	-0.13503	0.060053	-2.24844	0.026765	0.08957	1
ENSG0000 response	Inflamed	RPS6	protein_cc chr9	19375713	19380252	-	2714	31841.35	0	0.246132	0.109475	2.248288	0.026775	0.089591	1
ENSG0000 response	Inflamed	HSPE1	protein_cc chr2	1.98E+08	1.98E+08	+	1977	1419.246	0	0.24795	0.11029	2.24817	0.026783	0.089606	1
ENSG0000 response	Inflamed	CASC14	lincRNA chr6	22135186	22147422	-	1940	3.257757	0.329356	-0.33586	0.149475	-2.24697	0.026862	0.089861	1
ENSG0000 response	Inflamed	PON1	protein_cc chr7	94926988	95025673	-	2988	3.436754	0.441527	0.386069	0.171842	2.24665	0.026883	0.089919	1
ENSG0000 response	Inflamed	NBPF4	protein_cc chr1	1.09E+08	1.09E+08	-	2485	14.88783	0.050119	0.492699	0.219353	2.246148	0.026917	0.090019	1
ENSG0000 response	Inflamed	SPTBN2	protein_cc chr11	66452719	66496697	-	9131	589.7804	0	-0.43123	0.191997	-2.24604	0.026924	0.090031	1
ENSG0000 response	Inflamed	MGAT5	protein_cc chr2	1.35E+08	1.35E+08	+	8578	5494.105	0	0.300141	0.133658	2.245596	0.026953	0.090119	1
ENSG0000 response	Inflamed	HIST1H3F	protein_cc chr6	26250370	26250835	-	466	2.558473	0.443914	0.328944	0.146494	2.245435	0.026964	0.09014	1
ENSG0000 response	Inflamed	METAP1D	protein_cc chr2	1.73E+08	1.73E+08	+	4850	244.4296	0	0.301461	0.134257	2.245397	0.026967	0.09014	1
ENSG0000 response	Inflamed	PNMA5	protein_cc chrX	1.52E+08	1.52E+08	-	3439	82.05489	0.417661	-0.36197	0.161227	-2.24507	0.026989	0.090202	1
ENSG0000 response	Inflamed	TRIM47	protein_cc chr17	73870242	73874656	-	3142	2213.122	0	-0.20309	0.090463	-2.24496	0.026996	0.090215	1
ENSG0000 response	Inflamed	PREX2	protein_cc chr8	68864353	69149265	+	12058	177.2005	0.011933	-0.49524	0.220615	-2.24482	0.027005	0.090233	1
ENSG0000 response	Inflamed	RP11-358L	lincRNA chr15	79705700	79706228	+	529	5.319809	0.136038	-0.34432	0.153411	-2.24443	0.027031	0.090309	1
ENSG0000 response	Inflamed	SEMA6C	protein_cc chr1	1.51E+08	1.51E+08	-	5773	304.5656	0.004773	-0.3448	0.153636	-2.24428	0.027041	0.09033	1
ENSG0000 response	Inflamed	MAN1C1	protein_cc chr1	25943959	26112698	+	9014	617.7255	0	-0.2937	0.130876	-2.24412	0.027051	0.090349	1
ENSG0000 response	Inflamed	ARMCX6	protein_cc chrX	1.01E+08	1.01E+08	-	2487	253.3628	0	-0.21432	0.095506	-2.24409	0.027053	0.090349	1
ENSG0000 response	Inflamed	EPHB3	protein_cc chr3	1.84E+08	1.84E+08	+	4532	2380.348	0	0.452809	0.201807	2.243774	0.027075	0.090409	1

ENSG0000 response	Inflamed	RP4-749H1	lincRNA	chr1	20687072	20757727	-	3172	1.031026	0.739857	-0.29134	0.129851	-2.24363	0.027084	0.090413	1
ENSG0000 response	Inflamed	EVC	protein_cc	chr4	5712924	5830772	+	7923	810.9117	0	-0.46192	0.205882	-2.2436	0.027086	0.090413	1
ENSG0000 response	Inflamed	AC006159	lincRNA	chr7	1.16E+08	1.16E+08	-	941	1.486874	0.692124	-0.3459	0.154172	-2.2436	0.027086	0.090413	1
ENSG0000 response	Inflamed	TREML4	protein_cc	chr6	41196062	41206620	+	2712	4.245823	0.73031	-0.40265	0.179479	-2.24346	0.027095	0.090432	1
ENSG0000 response	Inflamed	AC005224	antisense	chr17	14113805	14121239	+	1537	22.6611	0.016706	0.437323	0.194945	2.243319	0.027105	0.090453	1
ENSG0000 response	Inflamed	MRPS33	protein_cc	chr7	1.41E+08	1.41E+08	-	1818	710.8258	0	0.238781	0.106469	2.242726	0.027144	0.090573	1
ENSG0000 response	Inflamed	RP11-381k	lincRNA	chr5	1.37E+08	1.37E+08	-	501	1.48926	0.613365	0.254186	0.113389	2.241721	0.027212	0.090786	1
ENSG0000 response	Inflamed	RP11-109l	lincRNA	chr9	72287665	72288629	+	965	1.513126	0.618138	0.290907	0.12978	2.241534	0.027224	0.090816	1
ENSG0000 response	Inflamed	PDZRN4	protein_cc	chr12	41582250	41968392	+	4586	18.47971	0.095465	-0.59519	0.265538	-2.24147	0.027229	0.090819	1
ENSG0000 response	Inflamed	DRD5	protein_cc	chr4	9783258	9785632	+	2375	46.31742	0.362768	-0.62057	0.276882	-2.24129	0.027241	0.090849	1
ENSG0000 response	Inflamed	RP11-212l	lincRNA	chr16	55461470	55496209	-	917	7.484487	0.288783	-0.43543	0.194285	-2.2412	0.027246	0.090856	1
ENSG0000 response	Inflamed	RP11-21L2	antisense	chr11	76493625	76494106	-	354	5.861575	0.102625	0.315591	0.140864	2.240388	0.027301	0.091026	1
ENSG0000 response	Inflamed	RP11-103f	pseudoger	chr11	59054812	59056959	-	2148	1.045346	0.75179	-0.29273	0.130703	-2.23966	0.02735	0.091178	1
ENSG0000 response	Inflamed	FNBP1	protein_cc	chr9	1.33E+08	1.33E+08	-	6686	3403.029	0	-0.2994	0.133692	-2.23947	0.027363	0.091208	1
ENSG0000 response	Inflamed	ZBED6CL	protein_cc	chr7	1.5E+08	1.5E+08	+	2871	480.5752	0	-0.25739	0.114938	-2.23939	0.027368	0.091215	1
ENSG0000 response	Inflamed	DLST	protein_cc	chr14	75348594	75370448	+	4550	4955.785	0	0.17947	0.080154	2.239051	0.027391	0.09128	1
ENSG0000 response	Inflamed	CAPN14	protein_cc	chr2	31395924	31456724	-	4021	19.59666	0.102625	-0.54968	0.24553	-2.23876	0.02741	0.091333	1
ENSG0000 response	Inflamed	GLRX5	protein_cc	chr14	95999840	96011061	+	2845	1426.217	0	0.159625	0.071304	2.238656	0.027417	0.091345	1
ENSG0000 response	Inflamed	MAB21L2	protein_cc	chr4	1.52E+08	1.52E+08	+	2767	407.0644	0	-0.48847	0.218205	-2.23857	0.027423	0.091353	1
ENSG0000 response	Inflamed	HIST2H2A	protein_cc	chr1	1.5E+08	1.5E+08	+	549	1.02864	0.749403	-0.24764	0.110639	-2.23827	0.027443	0.091409	1
ENSG0000 response	Inflamed	AGBL5	protein_cc	chr2	27265232	27293490	+	5283	793.1838	0	0.160972	0.071924	2.238088	0.027456	0.091438	1
ENSG0000 response	Inflamed	NOS1	protein_cc	chr12	1.18E+08	1.18E+08	-	13144	16.52267	0.372315	-0.7786	0.347921	-2.23785	0.027472	0.09148	1
ENSG0000 response	Inflamed	DSG3	protein_cc	chr18	29027758	29058665	+	5525	334.5537	0.064439	-1.05046	0.469635	-2.23677	0.027545	0.091712	1
ENSG0000 response	Inflamed	LPHN1	protein_cc	chr19	14260750	14316999	-	6292	1208.733	0	0.294471	0.1317	2.235929	0.027602	0.091889	1
ENSG0000 response	Inflamed	HIST2H2Bf	pseudoger	chr1	1.49E+08	1.49E+08	-	567	2.336516	0.4821	-0.29005	0.129726	-2.23584	0.027607	0.091897	1
ENSG0000 response	Inflamed	PMAIP1	protein_cc	chr18	57567180	57571538	+	2235	132.1265	0	-0.43147	0.193011	-2.2355	0.027631	0.091963	1
ENSG0000 response	Inflamed	RP11-95P2	lincRNA	chr16	4295826	4303790	-	2270	80.83055	0	-0.24129	0.107942	-2.2354	0.027637	0.091973	1
ENSG0000 response	Inflamed	TAF1B	protein_cc	chr2	9983483	10074545	+	4064	204.5561	0	-0.35426	0.15849	-2.2352	0.027651	0.092007	1
ENSG0000 response	Inflamed	IER5	protein_cc	chr1	1.81E+08	1.81E+08	+	2340	1853.788	0	-0.23646	0.105791	-2.23511	0.027657	0.092015	1
ENSG0000 response	Inflamed	RN7SL619l	misc_RNA	chr19	13925880	13926133	-	254	3.47494	0.365155	0.298275	0.133458	2.234972	0.027667	0.092035	1
ENSG0000 response	Inflamed	TMSB10	protein_cc	chr2	85132749	85133795	+	492	29389.26	0	-0.19814	0.088665	-2.23473	0.027683	0.092078	1
ENSG0000 response	Inflamed	NTSR1	protein_cc	chr20	61340189	61394123	+	4237	7.193317	0.367542	-0.59779	0.267545	-2.23435	0.027709	0.092147	1
ENSG0000 response	Inflamed	TATDN1	protein_cc	chr8	1.26E+08	1.26E+08	-	4778	285.0358	0	0.233431	0.104475	2.234322	0.027711	0.092147	1
ENSG0000 response	Inflamed	PROSC	protein_cc	chr8	37620111	37637283	+	3426	1898.532	0	0.213581	0.095595	2.234232	0.027717	0.092156	1
ENSG0000 response	Inflamed	KCNH1	protein_cc	chr1	2.11E+08	2.11E+08	-	3208	18.17184	0.047733	-0.40687	0.182145	-2.23379	0.027747	0.092245	1
ENSG0000 response	Inflamed	SALL2	protein_cc	chr14	21989232	22005350	-	5365	261.5895	0.009547	-0.418	0.187166	-2.23332	0.027779	0.09234	1
ENSG0000 response	Inflamed	RPL23AP7l	pseudoger	chr19	59084870	59111168	+	4969	943.358	0	-0.15214	0.068124	-2.2332	0.027787	0.092355	1
ENSG0000 response	Inflamed	TMEM144	protein_cc	chr4	1.59E+08	1.59E+08	+	9243	583.3222	0	0.422759	0.189332	2.232895	0.027808	0.092412	1
ENSG0000 response	Inflamed	TEK	protein_cc	chr9	27109139	27230173	+	4768	580.6253	0.004773	-0.48495	0.217201	-2.2327	0.027821	0.092444	1
ENSG0000 response	Inflamed	ANKRD33E	protein_cc	chr5	10564442	10650308	+	2163	26.86158	0.040573	-0.50069	0.224265	-2.23256	0.027831	0.092464	1

ENSG0000 response	Inflamed	MAPK9	protein_cc chr5	1.8E+08	1.8E+08	-	8955	1575.678	0	0.251228	0.112539	2.232362	0.027844	0.09249	1
ENSG0000 response	Inflamed	S100A2	protein_cc chr1	1.54E+08	1.54E+08	-	1567	56.90453	0	-0.57232	0.256374	-2.23235	0.027846	0.09249	1
ENSG0000 response	Inflamed	PSME1	protein_cc chr14	24605367	24608176	+	1781	7026.921	0	-0.15611	0.069935	-2.23224	0.027853	0.092501	1
ENSG0000 response	Inflamed	VTI1B	protein_cc chr14	68113792	68141548	-	5789	2537.508	0	0.207895	0.093135	2.232196	0.027856	0.092501	1
ENSG0000 response	Inflamed	PKD2	protein_cc chr4	88928820	88998929	+	5498	739.2936	0	-0.42261	0.189345	-2.23193	0.027874	0.092539	1
ENSG0000 response	Inflamed	AP001619	sense_intr chr21	43294865	43297722	-	447	3.816229	0.295943	-0.31159	0.139607	-2.23192	0.027874	0.092539	1
ENSG0000 response	Inflamed	DMBT1	protein_cc chr10	1.24E+08	1.24E+08	+	8073	46831.9	0	-1.03517	0.463857	-2.23166	0.027892	0.092587	1
ENSG0000 response	Inflamed	PCDHB7	protein_cc chr5	1.41E+08	1.41E+08	+	3715	52.83771	0.016706	-0.39179	0.175585	-2.23135	0.027914	0.092646	1
ENSG0000 response	Inflamed	TAF12	protein_cc chr1	28915835	28969597	-	2337	432.3198	0	-0.19907	0.089252	-2.23044	0.027976	0.09284	1
ENSG0000 response	Inflamed	AC124789	processed_chr17	36606638	36608688	-	1248	12.51074	0.0358	-0.39136	0.17548	-2.23021	0.027991	0.092878	1
ENSG0000 response	Inflamed	RP11-379E	lincRNA chr3	1.26E+08	1.26E+08	-	4198	109.2387	0.002387	0.45387	0.203513	2.230176	0.027994	0.092878	1
ENSG0000 response	Inflamed	SUN1	protein_cc chr7	855528	936072	+	11908	5018.215	0	0.29978	0.134457	2.229569	0.028036	0.093004	1
ENSG0000 response	Inflamed	PPFIA2	protein_cc chr12	81652045	82153332	-	8300	27.78282	0.033413	-0.49575	0.222377	-2.22931	0.028053	0.093051	1
ENSG0000 response	Inflamed	POF1B	protein_cc chrX	84532402	84634748	-	4029	2845.368	0.002387	0.610674	0.27396	2.229059	0.028071	0.093091	1
ENSG0000 response	Inflamed	RP11-27M	lincRNA chr16	10608699	10622059	-	502	2.198091	0.439141	0.295438	0.132541	2.229035	0.028072	0.093091	1
ENSG0000 response	Inflamed	CTD-3162l	lincRNA chr19	36795482	36803570	+	2674	5.620525	0.26969	-0.41615	0.186719	-2.22874	0.028093	0.093147	1
ENSG0000 response	Inflamed	GOLM1	protein_cc chr9	88641061	88715088	-	4233	15952.73	0	0.344469	0.154567	2.22861	0.028102	0.093164	1
ENSG0000 response	Inflamed	DTHD1	protein_cc chr4	36283244	36347378	+	5618	32.30788	0.045346	-0.59862	0.268661	-2.22817	0.028132	0.093253	1
ENSG0000 response	Inflamed	RP11-17A'	pseudoger chr8	57500944	57501346	+	403	7.897375	0.081146	0.352705	0.158313	2.227891	0.028151	0.093305	1
ENSG0000 response	Inflamed	MXRA5P1	pseudoger chrY	14077914	14108092	+	8000	92.08831	0.071599	-0.56436	0.253326	-2.22781	0.028157	0.093313	1
ENSG0000 response	Inflamed	KRT19	protein_cc chr17	39679869	39684560	-	2336	57362.25	0	0.429594	0.19287	2.227371	0.028187	0.093393	1
ENSG0000 response	Inflamed	OPHN1	protein_cc chrX	67262186	67653755	-	8224	366.5012	0	0.370699	0.16643	2.227351	0.028188	0.093393	1
ENSG0000 response	Inflamed	TAF7L	protein_cc chrX	1.01E+08	1.01E+08	-	2728	3.195704	0.336516	-0.34074	0.15299	-2.22723	0.028197	0.093401	1
ENSG0000 response	Inflamed	DGKZP1	pseudoger chr13	44542560	44545335	+	2776	18.70167	0.019093	-0.2692	0.120868	-2.22722	0.028198	0.093401	1
ENSG0000 response	Inflamed	SLC25A37	protein_cc chr8	23386318	23432976	+	8147	2532.492	0	-0.43679	0.196154	-2.22677	0.028229	0.093486	1
ENSG0000 response	Inflamed	DEFA6	protein_cc chr8	6782215	6783598	-	469	2654.346	0.040573	1.286201	0.577619	2.226731	0.028231	0.093486	1
ENSG0000 response	Inflamed	TRBV6-5	TR_V_gen chr7	1.42E+08	1.42E+08	-	410	24.63484	0.02864	-0.44292	0.198912	-2.22669	0.028234	0.093486	1
ENSG0000 response	Inflamed	ARL2BP	protein_cc chr16	57279010	57287516	+	2124	1537.234	0	-0.18193	0.08172	-2.22625	0.028265	0.093564	1
ENSG0000 response	Inflamed	RP11-802C	antisense chr3	58413982	58414542	+	561	12.82578	0.042959	-0.35857	0.161063	-2.22625	0.028265	0.093564	1
ENSG0000 response	Inflamed	UST	protein_cc chr6	1.49E+08	1.49E+08	+	4563	203.8592	0	-0.36633	0.164558	-2.22614	0.028272	0.093577	1
ENSG0000 response	Inflamed	PYY2	pseudoger chr17	26553589	26555091	+	1076	7.465394	0.121718	-0.35923	0.161403	-2.22565	0.028306	0.09367	1
ENSG0000 response	Inflamed	PEX19	protein_cc chr1	1.6E+08	1.6E+08	-	4461	1551.981	0	0.190446	0.085571	2.225587	0.02831	0.09367	1
ENSG0000 response	Inflamed	ATP10B	protein_cc chr5	1.6E+08	1.6E+08	-	11310	12959.94	0	0.574123	0.257966	2.225578	0.028311	0.09367	1
ENSG0000 response	Inflamed	LGR4	protein_cc chr11	27387508	27494322	-	6340	4054.826	0	0.491759	0.220986	2.225295	0.028331	0.093723	1
ENSG0000 response	Inflamed	FAM183B	protein_cc chr7	38724946	38726637	-	1595	2.73747	0.431981	-0.32552	0.14629	-2.22514	0.028341	0.093746	1
ENSG0000 response	Inflamed	RPL5P29	pseudoger chr11	56124804	56125697	+	894	6.942721	0.095465	0.302509	0.135955	2.225067	0.028347	0.093752	1
ENSG0000 response	Inflamed	RP11-326l	lincRNA chr4	1.85E+08	1.85E+08	+	2503	115.0143	0	-0.22189	0.099723	-2.22501	0.028351	0.093754	1
ENSG0000 response	Inflamed	GPX4	protein_cc chr19	1103936	1106787	+	2033	3208.549	0	-0.22356	0.100516	-2.22412	0.028412	0.093933	1
ENSG0000 response	Inflamed	CCL4L2	protein_cc chr17	34639793	34641846	+	2054	10.08831	0.274463	-0.56399	0.253579	-2.22412	0.028412	0.093933	1
ENSG0000 response	Inflamed	RP11-428C	lincRNA chr11	19321430	19329905	+	648	0.988067	0.74463	0.2572	0.115666	2.223648	0.028445	0.09403	1

ENSG0000 response	Inflamed	LINC00578	lincRNA	chr3	1.77E+08	1.77E+08	+	1234	13.19332	0.040573	-0.43726	0.196666	-2.22337	0.028464	0.094082	1
ENSG0000 response	Inflamed	CPNE4	protein_cc	chr3	1.31E+08	1.32E+08	-	6342	15.73031	0.252983	-0.67023	0.301462	-2.22326	0.028472	0.094097	1
ENSG0000 response	Inflamed	WDR62	protein_cc	chr19	36545783	36596008	+	9775	350.8138	0	-0.29978	0.134849	-2.22309	0.028484	0.094123	1
ENSG0000 response	Inflamed	ZNF844	protein_cc	chr19	12175514	12192380	+	6620	451.611	0	0.341002	0.153407	2.222855	0.0285	0.094165	1
ENSG0000 response	Inflamed	CNTRL	protein_cc	chr9	1.24E+08	1.24E+08	+	9417	452.4463	0	-0.4682	0.210635	-2.22278	0.028505	0.09417	1
ENSG0000 response	Inflamed	DLAT	protein_cc	chr11	1.12E+08	1.12E+08	+	4831	1824.931	0	0.265075	0.119261	2.222636	0.028516	0.094192	1
ENSG0000 response	Inflamed	ETS1	protein_cc	chr11	1.28E+08	1.28E+08	-	7153	4849.055	0	-0.40178	0.180798	-2.22228	0.02854	0.094262	1
ENSG0000 response	Inflamed	PLEK2	protein_cc	chr14	67853700	67878917	-	1603	1538.174	0	0.328693	0.14793	2.221944	0.028564	0.094328	1
ENSG0000 response	Inflamed	RN7SK	misc_RNA	chr6	52860418	52860748	+	331	72.59189	0	0.503854	0.226801	2.22157	0.02859	0.094403	1
ENSG0000 response	Inflamed	ACAA2	protein_cc	chr18	47309869	47340330	-	3740	5408.499	0	0.33151	0.149269	2.220897	0.028637	0.094536	1
ENSG0000 response	Inflamed	EMD	protein_cc	chrX	1.54E+08	1.54E+08	+	2020	1565.554	0	-0.15403	0.069357	-2.22089	0.028638	0.094536	1
ENSG0000 response	Inflamed	EGF	protein_cc	chr4	1.11E+08	1.11E+08	+	6127	107.611	0.026253	0.691118	0.31125	2.220456	0.028668	0.094624	1
ENSG0000 response	Inflamed	ZFP57	protein_cc	chr6	29640169	29648887	-	2131	17.74224	0.568019	-0.26927	0.121281	-2.22019	0.028686	0.094673	1
ENSG0000 response	Inflamed	RAD51D	protein_cc	chr17	33426811	33448541	-	3720	240.2649	0	-0.17073	0.076905	-2.21998	0.028701	0.09471	1
ENSG0000 response	Inflamed	TMEM136	protein_cc	chr11	1.2E+08	1.2E+08	+	4468	87.27924	0	-0.34926	0.157332	-2.21991	0.028706	0.094715	1
ENSG0000 response	Inflamed	KIAA0754	protein_cc	chr1	39876151	39882154	+	6004	256.3055	0.033413	-0.55613	0.250559	-2.21957	0.02873	0.094782	1
ENSG0000 response	Inflamed	ZSCAN31	protein_cc	chr6	28292470	28324048	-	4957	163.2005	0	0.3548	0.159877	2.219207	0.028756	0.094854	1
ENSG0000 response	Inflamed	FCRL3	protein_cc	chr1	1.58E+08	1.58E+08	-	6538	441.5131	0.002387	-0.73481	0.331155	-2.21893	0.028775	0.094906	1
ENSG0000 response	Inflamed	C20orf194	protein_cc	chr20	3229951	3388272	-	8864	549.9236	0	-0.3902	0.175893	-2.21839	0.028813	0.09502	1
ENSG0000 response	Inflamed	PLEKHB1	protein_cc	chr11	73357223	73373864	+	4933	680.2816	0	0.337776	0.152268	2.218297	0.02882	0.095029	1
ENSG0000 response	Inflamed	RP11-378J	antisense	chr1	2.23E+08	2.23E+08	+	1450	16.20525	0.00716	0.325881	0.14691	2.218241	0.028824	0.09503	1
ENSG0000 response	Inflamed	AC095067	lincRNA	chr7	47661537	47669491	+	2761	2.095465	0.491647	-0.30701	0.138415	-2.21804	0.028838	0.09505	1
ENSG0000 response	Inflamed	TMEM192	protein_cc	chr4	1.66E+08	1.66E+08	-	6427	622.2888	0	0.289755	0.130637	2.218013	0.02884	0.09505	1
ENSG0000 response	Inflamed	EHF	protein_cc	chr11	34642640	34682604	+	4386	5780.957	0	0.584698	0.263618	2.217978	0.028842	0.09505	1
ENSG0000 response	Inflamed	GS1-124K5	lincRNA	chr7	65958693	65960461	+	540	19.00716	0.002387	-0.33214	0.149755	-2.21791	0.028847	0.09505	1
ENSG0000 response	Inflamed	CTD-3138E	antisense	chr19	58768639	58790174	-	2705	96.2864	0	-0.2317	0.10447	-2.2179	0.028848	0.09505	1
ENSG0000 response	Inflamed	JAZF1-AS1	antisense	chr7	28219941	28283536	+	4092	2.587112	0.424821	-0.29371	0.132435	-2.2178	0.028855	0.095062	1
ENSG0000 response	Inflamed	MPP7	protein_cc	chr10	28339922	28623415	-	6577	605.5346	0	0.444924	0.200622	2.217724	0.02886	0.095067	1
ENSG0000 response	Inflamed	AC011484	protein_cc	chr19	46997765	46999755	+	1991	28.46301	0.009547	-0.38946	0.175627	-2.21757	0.028871	0.095091	1
ENSG0000 response	Inflamed	MIRLET7I	miRNA	chr12	62997466	62997550	+	85	1.591885	0.632458	-0.30123	0.135859	-2.21724	0.028894	0.095156	1
ENSG0000 response	Inflamed	REC8	protein_cc	chr14	24641062	24649463	+	3841	502.3461	0	-0.32446	0.146342	-2.21712	0.028903	0.095171	1
ENSG0000 response	Inflamed	CTB-191K2	antisense	chr19	50813279	50813796	-	457	1.75179	0.665871	0.312693	0.141044	2.216983	0.028912	0.095191	1
ENSG0000 response	Inflamed	SYDE2	protein_cc	chr1	85622556	85666729	-	6451	118.9427	0.004773	0.487498	0.219991	2.21599	0.028982	0.09541	1
ENSG0000 response	Inflamed	FNDC8	protein_cc	chr17	33448598	33457751	+	1388	0.811456	0.799523	-0.24241	0.109402	-2.21583	0.028994	0.095437	1
ENSG0000 response	Inflamed	KRT18P33	pseudoger	chr2	65893829	65894871	+	1043	3.267303	0.312649	0.325918	0.147092	2.21575	0.028999	0.095442	1
ENSG0000 response	Inflamed	GGA2	protein_cc	chr16	23474863	23533316	-	8231	3596.699	0	-0.259	0.116895	-2.21566	0.029006	0.095452	1
ENSG0000 response	Inflamed	CDIP1	protein_cc	chr16	4560676	4588829	-	4268	960.0692	0	-0.23003	0.103826	-2.2155	0.029017	0.095476	1
ENSG0000 response	Inflamed	GS1-279B7	lincRNA	chr1	1.85E+08	1.85E+08	+	752	9.198091	0.040573	-0.28271	0.127608	-2.21542	0.029023	0.09548	1
ENSG0000 response	Inflamed	FAM198A	protein_cc	chr3	43020759	43101703	+	4411	48.77566	0	-0.36817	0.16619	-2.21538	0.029025	0.09548	1
ENSG0000 response	Inflamed	RP11-120C	lincRNA	chrX	10865996	11129261	-	3080	4.689737	0.157518	0.316742	0.143054	2.21414	0.029113	0.095758	1

ENSG0000 response	Inflamed	KDM2B	protein_cc chr12	1.22E+08	1.22E+08	-	13623	1440.9	0	-0.27566	0.124512	-2.21393	0.029128	0.095795	1
ENSG0000 response	Inflamed	CHMP1B	protein_cc chr18	11851395	11854448	+	3054	2877.444	0	0.200689	0.090651	2.213879	0.029132	0.095795	1
ENSG0000 response	Inflamed	RAB5B	protein_cc chr12	56367697	56388490	+	4611	2335.857	0	0.221969	0.100265	2.213819	0.029136	0.095797	1
ENSG0000 response	Inflamed	RNF115	protein_cc chr1	1.46E+08	1.46E+08	+	9360	1157.067	0	-0.21331	0.096377	-2.21327	0.029175	0.095898	1
ENSG0000 response	Inflamed	AC104534	antisense chr19	39310806	39313863	+	566	24.26492	0.054893	0.605587	0.273618	2.213259	0.029176	0.095898	1
ENSG0000 response	Inflamed	TPBG	protein_cc chr6	83072923	83080545	+	6904	1100.048	0	-0.26669	0.120496	-2.21323	0.029178	0.095898	1
ENSG0000 response	Inflamed	TMX4	protein_cc chr20	7957995	8000476	-	6579	1198.988	0	-0.30809	0.13923	-2.21284	0.029206	0.095976	1
ENSG0000 response	Inflamed	CTSW	protein_cc chr11	65647280	65651212	+	1719	231.2578	0	-0.32996	0.149113	-2.2128	0.029209	0.095976	1
ENSG0000 response	Inflamed	TMPRSS6	protein_cc chr22	37461476	37505603	-	4082	53.00955	0	0.597872	0.270234	2.212424	0.029236	0.096042	1
ENSG0000 response	Inflamed	TMBIM6	protein_cc chr12	50101508	50158717	+	6187	33755.89	0	0.236801	0.107033	2.212415	0.029236	0.096042	1
ENSG0000 response	Inflamed	SCARNA7	snoRNA chr3	1.6E+08	1.6E+08	-	330	0.976134	0.768496	0.245287	0.110883	2.212134	0.029256	0.096095	1
ENSG0000 response	Inflamed	AC006042	antisense chr7	8153655	8156191	+	524	0.954654	0.75179	-0.24318	0.109969	-2.21133	0.029314	0.096272	1
ENSG0000 response	Inflamed	ARMCX1	protein_cc chrX	1.01E+08	1.01E+08	+	2141	207.7232	0.002387	-0.33936	0.153469	-2.21124	0.02932	0.09628	1
ENSG0000 response	Inflamed	RP1-68D1	sense_intr chr11	35234097	35235554	+	704	18.28162	0.095465	-0.51342	0.232211	-2.21102	0.029336	0.096321	1
ENSG0000 response	Inflamed	TXK	protein_cc chr4	48068410	48136273	-	3472	77.38425	0.009547	-0.52583	0.237835	-2.21092	0.029343	0.096333	1
ENSG0000 response	Inflamed	ATP5D	protein_cc chr19	1241749	1244824	+	2245	4732.081	0	0.215291	0.097382	2.210798	0.029352	0.096349	1
ENSG0000 response	Inflamed	CYSLTR2	protein_cc chr13	49280951	49283498	+	2548	61.47494	0.00716	-0.50822	0.229902	-2.21057	0.029368	0.096387	1
ENSG0000 response	Inflamed	KB-208E9	lincRNA chr22	23923067	23926046	-	1081	7.854415	0.202864	0.427675	0.193476	2.210483	0.029374	0.096387	1
ENSG0000 response	Inflamed	SHC2	protein_cc chr19	416583	460996	-	4796	435.5012	0	-0.35107	0.158821	-2.21048	0.029374	0.096387	1
ENSG0000 response	Inflamed	TP73-AS1	antisense chr1	3652548	3663900	-	6597	685.1002	0	-0.34779	0.157361	-2.21013	0.0294	0.096458	1
ENSG0000 response	Inflamed	PSEN1	protein_cc chr14	73603126	73690399	+	9947	4470.47	0	0.2842	0.128602	2.209921	0.029414	0.096494	1
ENSG0000 response	Inflamed	STK10	protein_cc chr5	1.71E+08	1.72E+08	-	9083	3193.697	0	-0.26404	0.119487	-2.2098	0.029423	0.096511	1
ENSG0000 response	Inflamed	LINC00278	lincRNA chrY	2870953	2970313	+	775	12.15752	0.410501	0.227655	0.103057	2.209021	0.029479	0.096682	1
ENSG0000 response	Inflamed	NME4	protein_cc chr16	446725	460367	+	3663	1193.778	0	-0.23898	0.108192	-2.2089	0.029488	0.096699	1
ENSG0000 response	Inflamed	ZNF438	protein_cc chr10	31109136	31320866	-	4294	268.0811	0	-0.29473	0.133446	-2.20857	0.029511	0.096763	1
ENSG0000 response	Inflamed	RNF32	protein_cc chr7	1.56E+08	1.56E+08	+	4371	40.65871	0	0.284663	0.128916	2.208138	0.029542	0.096854	1
ENSG0000 response	Inflamed	TDRP	protein_cc chr8	439803	495781	-	3602	157.5322	0.002387	-0.54193	0.245476	-2.20765	0.029577	0.096949	1
ENSG0000 response	Inflamed	NT5DC3	protein_cc chr12	1.04E+08	1.04E+08	-	8722	575.5274	0	0.396921	0.179795	2.207633	0.029579	0.096949	1
ENSG0000 response	Inflamed	PTGES3L	protein_cc chr17	41120105	41132545	-	2951	37.05489	0	0.224379	0.101647	2.207434	0.029593	0.096981	1
ENSG0000 response	Inflamed	PGK1P2	pseudoger chr19	12670385	12671919	+	1214	5.26969	0.112172	0.308293	0.139664	2.207392	0.029596	0.096981	1
ENSG0000 response	Inflamed	HNRNPA1f	pseudoger chr12	68429547	68430633	+	1087	8.520286	0.207637	-0.51512	0.233368	-2.20731	0.029602	0.096989	1
ENSG0000 response	Inflamed	AC016700	lincRNA chr2	70351168	70352449	-	662	8.081146	0.023866	-0.26518	0.120182	-2.20644	0.029664	0.097181	1
ENSG0000 response	Inflamed	NUDT19	protein_cc chr19	33182867	33204702	+	2967	764.6444	0	0.215758	0.09779	2.206351	0.029671	0.097191	1
ENSG0000 response	Inflamed	RP11-158f	antisense chr15	86287340	86293512	-	964	15.07637	0.042959	0.400594	0.181578	2.206185	0.029683	0.097201	1
ENSG0000 response	Inflamed	AC007880	lincRNA chr2	65073264	65090760	-	1977	3.945107	0.427208	-0.3744	0.169707	-2.20617	0.029684	0.097201	1
ENSG0000 response	Inflamed	ALDOB	protein_cc chr9	1.04E+08	1.04E+08	-	2451	5763.129	0.004773	-0.97244	0.440783	-2.20615	0.029685	0.097201	1
ENSG0000 response	Inflamed	CTA-134P2	antisense chr1	1.59E+08	1.59E+08	-	3548	60.16706	0.031026	-0.64353	0.291717	-2.206	0.029696	0.097217	1
ENSG0000 response	Inflamed	MAGI2-AS	processed_chr7	79082198	79100524	+	9849	235.9976	0	-0.45597	0.206695	-2.20599	0.029698	0.097217	1
ENSG0000 response	Inflamed	RP11-2E17	lincRNA chr15	80487826	80544555	-	6890	62.84487	0.009547	0.398225	0.180525	2.205928	0.029702	0.097219	1
ENSG0000 response	Inflamed	LPIN1	protein_cc chr2	11817721	11967535	+	11846	2064.461	0	-0.34689	0.157296	-2.20531	0.029746	0.097345	1

ENSG0000 response	Inflamed	ZC3H12B	protein_cc chrX	64708615	64727767	+	7256	99.06921	0.009547	0.450695	0.20437	2.20529	0.029748	0.097345	1
ENSG0000 response	Inflamed	CKLF-CMT1	protein_cc chr16	66586490	66613038	+	1254	12.4821	0.071599	-0.38532	0.174734	-2.20519	0.029755	0.097358	1
ENSG0000 response	Inflamed	AC092171	antisense chr7	5459477	5462753	+	753	2.610979	0.372315	0.286223	0.12981	2.204942	0.029773	0.097403	1
ENSG0000 response	Inflamed	CTD-3064	antisense chr19	37988063	37997948	-	1319	16.13126	0.011933	0.306431	0.138982	2.204832	0.029781	0.097417	1
ENSG0000 response	Inflamed	SNX29P2	lincRNA chr16	29262829	29519817	+	9173	34.52506	0.033413	-0.48992	0.2223	-2.20388	0.02985	0.097625	1
ENSG0000 response	Inflamed	RP11-566k	pseudoger chr15	23095170	23115256	-	797	1.553699	0.620525	-0.27357	0.124136	-2.20382	0.029854	0.097625	1
ENSG0000 response	Inflamed	C1orf227	protein_cc chr1	2.13E+08	2.13E+08	-	506	1.295943	0.644391	-0.24447	0.110932	-2.2038	0.029856	0.097625	1
ENSG0000 response	Inflamed	TRAV39	TR_V_gen chr14	22771939	22772438	+	331	3.346062	0.393795	-0.35256	0.159997	-2.20357	0.029872	0.097668	1
ENSG0000 response	Inflamed	MAP3K13	protein_cc chr3	1.85E+08	1.85E+08	+	12623	1058.191	0	0.264243	0.119919	2.203518	0.029876	0.097668	1
ENSG0000 response	Inflamed	TRAPPC3L	protein_cc chr6	1.17E+08	1.17E+08	-	2757	1.801909	0.553699	-0.3028	0.13743	-2.20334	0.029889	0.097699	1
ENSG0000 response	Inflamed	PRR5-ARH	protein_cc chr22	45098113	45258586	+	3264	23.51074	0.057279	0.517281	0.234785	2.203208	0.029899	0.097718	1
ENSG0000 response	Inflamed	RP11-379E	lincRNA chr3	1.25E+08	1.26E+08	+	373	2.668258	0.505967	0.346957	0.157496	2.202953	0.029917	0.097766	1
ENSG0000 response	Inflamed	PTGER1	protein_cc chr19	14583278	14586174	-	1421	73.75418	0.002387	-0.57798	0.262432	-2.2024	0.029958	0.097887	1
ENSG0000 response	Inflamed	RNF144A-1	processed_chr2	7052408	7058840	-	4648	34.68496	0.01432	-0.45116	0.204862	-2.20224	0.029969	0.097911	1
ENSG0000 response	Inflamed	C21orf128	protein_cc chr21	43522244	43528644	-	2141	1.673031	0.596659	-0.27637	0.125501	-2.2021	0.02998	0.097933	1
ENSG0000 response	Inflamed	RP11-420L	pseudoger chr6	3754333	3755074	+	436	0.940334	0.763723	-0.22447	0.10196	-2.2016	0.030016	0.09804	1
ENSG0000 response	Inflamed	FABP5P11	pseudoger chr22	17075979	17076375	-	397	4.670644	0.186158	0.330646	0.15021	2.201225	0.030043	0.098117	1
ENSG0000 response	Inflamed	TRIP6	protein_cc chr7	1E+08	1E+08	+	2802	1541.821	0	-0.22333	0.101465	-2.20109	0.030053	0.098136	1
ENSG0000 response	Inflamed	MBL1P	pseudoger chr10	81664654	81710092	+	2616	22.90215	0.02864	-0.51184	0.232557	-2.20093	0.030065	0.098147	1
ENSG0000 response	Inflamed	RCN3	protein_cc chr19	50030875	50050219	+	2093	1189.117	0	-0.36384	0.165312	-2.20092	0.030066	0.098147	1
ENSG0000 response	Inflamed	DIRAS3	protein_cc chr1	68511645	68517314	-	1973	30.3222	0.01432	-0.38524	0.175037	-2.20089	0.030067	0.098147	1
ENSG0000 response	Inflamed	FIGF	protein_cc chrX	15363713	15402498	-	2153	9.606205	0.088305	-0.47354	0.215165	-2.20081	0.030074	0.098154	1
ENSG0000 response	Inflamed	GSPT2	protein_cc chrX	51486481	51489324	+	2844	361.4415	0	-0.25448	0.115667	-2.20014	0.030123	0.09828	1
ENSG0000 response	Inflamed	PTCH1	protein_cc chr9	98205262	98279339	-	16591	2973.931	0	0.464583	0.211161	2.200131	0.030123	0.09828	1
ENSG0000 response	Inflamed	RP1-178F1	antisense chr17	18171394	18172142	+	749	3.484487	0.243437	0.282825	0.128549	2.20013	0.030123	0.09828	1
ENSG0000 response	Inflamed	ALDH16A1	protein_cc chr19	49956426	49974305	+	4643	2062.888	0	-0.17625	0.080123	-2.1998	0.030148	0.098347	1
ENSG0000 response	Inflamed	ZDHC9	protein_cc chrX	1.29E+08	1.29E+08	-	5243	2933.802	0	0.185986	0.084556	2.199554	0.030166	0.098393	1
ENSG0000 response	Inflamed	FAM221B	protein_cc chr9	35816388	35828744	-	3941	9.513126	0.143198	0.441574	0.200818	2.198872	0.030215	0.098544	1
ENSG0000 response	Inflamed	TOB2	protein_cc chr22	41829496	41843027	-	4565	4802.468	0	0.232009	0.105521	2.198693	0.030229	0.098575	1
ENSG0000 response	Inflamed	DDX28	protein_cc chr16	68055179	68057770	-	2592	375.9928	0	-0.16716	0.076048	-2.19804	0.030276	0.098708	1
ENSG0000 response	Inflamed	PREP	protein_cc chr6	1.06E+08	1.06E+08	-	3762	3733.685	0	0.238008	0.108282	2.198035	0.030277	0.098708	1
ENSG0000 response	Inflamed	MTND2P2	pseudoger chr1	565020	566063	+	1044	3678.723	0	0.35132	0.159842	2.197925	0.030285	0.098722	1
ENSG0000 response	Inflamed	SLC4A2	protein_cc chr7	1.51E+08	1.51E+08	+	7590	4335.215	0	-0.22674	0.10317	-2.1977	0.030302	0.098764	1
ENSG0000 response	Inflamed	FLJ00418	protein_cc chr16	70695570	70699739	+	4170	15.75179	0.042959	-0.39873	0.181448	-2.19751	0.030316	0.098797	1
ENSG0000 response	Inflamed	COX7A2	protein_cc chr6	75947391	75960039	-	1922	3200.265	0	0.285575	0.129985	2.196976	0.030355	0.098913	1
ENSG0000 response	Inflamed	LINC00886	lincRNA chr3	1.56E+08	1.57E+08	-	3822	52	0.004773	0.376153	0.171225	2.196833	0.030365	0.098935	1
ENSG0000 response	Inflamed	RP11-1101	antisense chr5	1.77E+08	1.77E+08	+	431	2.093079	0.5179	0.311508	0.14181	2.196655	0.030378	0.098965	1
ENSG0000 response	Inflamed	CHEK1	protein_cc chr11	1.25E+08	1.26E+08	+	6550	300.8258	0	-0.31897	0.145238	-2.19621	0.030411	0.09906	1
ENSG0000 response	Inflamed	NKAIN2	protein_cc chr6	1.24E+08	1.25E+08	+	4076	7.988067	0.546539	0.435037	0.198123	2.195792	0.030442	0.099137	1
ENSG0000 response	Inflamed	RPL7P23p	pseudoger chr5	76878198	76879010	+	813	19.55847	0.00716	0.338448	0.154138	2.19574	0.030446	0.099137	1

ENSG0000	response	Inflamed	FAM171B	protein_cc chr2	1.88E+08	1.88E+08	+	5819	133.1718	0.002387	-0.47262	0.215245	-2.19573	0.030446	0.099137	1
ENSG0000	response	Inflamed	INSL4	protein_cc chr9	5231419	5235304	+	1952	3.880668	0.575179	-0.51517	0.234642	-2.19558	0.030458	0.099163	1
ENSG0000	response	Inflamed	CACNB2	protein_cc chr10	18429606	18830798	+	6537	256.4415	0.002387	0.508857	0.231795	2.195292	0.030479	0.099219	1
ENSG0000	response	Inflamed	ARHGEF5	protein_cc chr7	1.44E+08	1.44E+08	+	5818	1384.857	0	0.272565	0.124162	2.195244	0.030483	0.099219	1
ENSG0000	response	Inflamed	RP11-253M	sense_intr chr15	69683531	69684488	+	694	3.883055	0.336516	0.334102	0.152223	2.194818	0.030514	0.099309	1
ENSG0000	response	Inflamed	CDK5	protein_cc chr7	1.51E+08	1.51E+08	-	2938	332.821	0	-0.19974	0.091009	-2.19473	0.03052	0.099317	1
ENSG0000	response	Inflamed	MPP6	protein_cc chr7	24612887	24733812	+	9369	88.50358	0.009547	-0.48437	0.220768	-2.19401	0.030574	0.099478	1
ENSG0000	response	Inflamed	RP1-127C7	lincRNA chr1	1.84E+08	1.84E+08	-	646	2.560859	0.393795	-0.30882	0.140759	-2.19395	0.030578	0.099481	1
ENSG0000	response	Inflamed	ZNF681	protein_cc chr19	23921997	23941693	-	6497	103.8807	0.002387	0.427684	0.194996	2.193299	0.030627	0.099626	1
ENSG0000	response	Inflamed	ANO3	protein_cc chr11	26210829	26684835	+	7749	1.558473	0.727924	-0.35792	0.163204	-2.19308	0.030643	0.099667	1
ENSG0000	response	Inflamed	TNFSF9	protein_cc chr19	6531010	6535931	+	1657	111.0143	0.004773	-0.56279	0.256641	-2.19291	0.030656	0.099696	1
ENSG0000	response	Inflamed	SCARNA17	snoRNA chr18	47340503	47340646	+	144	4.398568	0.138425	0.260466	0.118784	2.192772	0.030666	0.099716	1
ENSG0000	response	Inflamed	RP11-872J	antisense chr14	96967147	96968658	-	1512	24.13604	0	0.224286	0.102292	2.192607	0.030678	0.099744	1
ENSG0000	response	Inflamed	PPIAP30	pseudoger chr10	15196801	15197319	-	519	1.336516	0.656325	0.208701	0.095189	2.192497	0.030686	0.09975	1
ENSG0000	response	Inflamed	CTBP2P7	pseudoger chr19	36987818	36989061	-	1244	0.832936	0.787589	-0.21525	0.098176	-2.19248	0.030688	0.09975	1
ENSG0000	response	Inflamed	RP1-261D7	antisense chr14	71759442	71788531	-	977	13.69451	0.02148	0.313377	0.142964	2.192008	0.030723	0.099851	1
ENSG0000	response	Inflamed	IGHV3-66	IG_V_gene chr14	1.07E+08	1.07E+08	-	427	844.222	0.01432	-0.76895	0.350826	-2.19183	0.030736	0.099881	1
ENSG0000	response	Inflamed	RP11-343E	pseudoger chr3	1.42E+08	1.42E+08	-	576	5.579952	0.090692	0.278931	0.127266	2.191722	0.030744	0.099896	1
ENSG0000	response	Inflamed	ZEB2-AS1	antisense chr2	1.45E+08	1.45E+08	+	2697	12.04535	0.069212	-0.40699	0.185708	-2.19156	0.030756	0.099923	1
ENSG0000	response	Inflamed	RGS11	protein_cc chr16	318300	325980	-	4798	170.7542	0.004773	0.459603	0.209741	2.191294	0.030776	0.099975	1
ENSG0000	mucosal h	Inflamed	UCK2	protein_cc chr1	1.66E+08	1.66E+08	+	6756	2077.363	0	0.600406	0.085014	7.062465	2.30E-10	1.71E-06	6.04E-06
ENSG0000	mucosal h	Inflamed	RP11-396C	lincRNA chr11	15723509	15780444	-	993	83.0716	0.097852	2.480029	0.354395	6.997921	3.13E-10	1.71E-06	8.22E-06
ENSG0000	mucosal h	Inflamed	AP001046	lincRNA chr21	44778027	44782229	-	2798	88.71838	0.009547	-1.8421	0.265755	-6.93158	4.29E-10	1.71E-06	1.13E-05
ENSG0000	mucosal h	Inflamed	RN7SKP12	misc_RNA chr16	29742372	29742725	-	354	26.67064	0.27685	2.072523	0.299672	6.915972	4.62E-10	1.71E-06	1.21E-05
ENSG0000	mucosal h	Inflamed	PIM2	protein_cc chrX	48770459	48776301	-	2761	7614.1	0	-1.88359	0.273502	-6.88693	5.30E-10	1.71E-06	1.39E-05
ENSG0000	mucosal h	Inflamed	RP11-107C	protein_cc chr14	95982473	95984248	+	993	60.642	0.009547	-2.03949	0.296545	-6.87751	5.55E-10	1.71E-06	1.46E-05
ENSG0000	mucosal h	Inflamed	FKBP11	protein_cc chr12	49315301	49320257	-	4957	3185.27	0	-1.16733	0.169751	-6.87672	5.57E-10	1.71E-06	1.46E-05
ENSG0000	mucosal h	Inflamed	FCN3	protein_cc chr1	27695603	27701315	-	2167	72.77566	0.047733	-2.39089	0.348068	-6.86902	5.77E-10	1.71E-06	1.52E-05
ENSG0000	mucosal h	Inflamed	FPR1	protein_cc chr19	52248425	52307363	-	2594	870.6014	0.004773	-3.40474	0.497141	-6.84865	6.36E-10	1.71E-06	1.67E-05
ENSG0000	mucosal h	Inflamed	RAB40B	protein_cc chr17	80612849	80656604	-	6194	803.2124	0	0.816793	0.119338	6.844358	6.49E-10	1.71E-06	1.71E-05
ENSG0000	mucosal h	Inflamed	AC092652	antisense chr2	1.44E+08	1.44E+08	-	735	3	0.53222	1.119151	0.164445	6.805627	7.80E-10	1.80E-06	2.05E-05
ENSG0000	mucosal h	Inflamed	XBP1	protein_cc chr22	29190543	29196585	-	3028	22224.73	0	-1.17675	0.173565	-6.77985	8.81E-10	1.80E-06	2.32E-05
ENSG0000	mucosal h	Inflamed	FBXO6	protein_cc chr1	11724181	11734411	+	1811	569.2482	0	-0.86869	0.128163	-6.778	8.88E-10	1.80E-06	2.34E-05
ENSG0000	mucosal h	Inflamed	ZBP1	protein_cc chr20	56178902	56195632	-	5413	1313.508	0	-1.64309	0.2437	-6.74224	1.05E-09	1.98E-06	2.77E-05
ENSG0000	mucosal h	Inflamed	IGKV1-37	IG_V_gene chr2	89597021	89597542	-	398	12.03341	0.131265	-1.75041	0.262031	-6.68017	1.41E-09	2.47E-06	3.70E-05
ENSG0000	mucosal h	Inflamed	MOBP	protein_cc chr3	39508689	39570970	+	9237	14.57518	0.183771	1.481387	0.224015	6.612896	1.93E-09	3.04E-06	5.08E-05
ENSG0000	mucosal h	Inflamed	PADI2	protein_cc chr1	17393256	17445948	-	6002	14448.26	0	2.146806	0.324813	6.609364	1.96E-09	3.04E-06	5.16E-05
ENSG0000	mucosal h	Inflamed	TNNC2	protein_cc chr20	44451853	44462384	-	876	49.20286	0.019093	1.73769	0.267819	6.48831	3.46E-09	4.66E-06	9.09E-05
ENSG0000	mucosal h	Inflamed	MZB1	protein_cc chr5	1.39E+08	1.39E+08	-	2273	6434.499	0	-1.98246	0.305797	-6.48294	3.54E-09	4.66E-06	9.32E-05
ENSG0000	mucosal h	Inflamed	CXCR1	protein_cc chr2	2.19E+08	2.19E+08	-	2488	659.673	0.047733	-3.78152	0.5834	-6.48188	3.56E-09	4.66E-06	9.36E-05

ENSG0000	mucosal h	Inflamed	CHI3L1	protein_cc chr1	2.03E+08	2.03E+08	-	3408	5806.971	0.002387	-3.81241	0.589044	-6.4722	3.73E-09	4.66E-06	9.80E-05
ENSG0000	mucosal h	Inflamed	FAM92B	protein_cc chr16	85131965	85146114	-	1897	51.49881	0.042959	-2.32952	0.36353	-6.40805	5.02E-09	5.73E-06	0.000132
ENSG0000	mucosal h	Inflamed	CDK20	protein_cc chr9	90581356	90589668	-	5727	349.6516	0	0.958268	0.14974	6.399545	5.22E-09	5.73E-06	0.000137
ENSG0000	mucosal h	Inflamed	AC110619	pseudoger chr2	2.41E+08	2.41E+08	-	1667	11.68496	0.212411	1.657276	0.258985	6.399118	5.23E-09	5.73E-06	0.000138
ENSG0000	mucosal h	Inflamed	SIL1	protein_cc chr5	1.38E+08	1.39E+08	-	4011	1494.594	0	-0.61701	0.096836	-6.37172	5.94E-09	6.11E-06	0.000156
ENSG0000	mucosal h	Inflamed	HM13	protein_cc chr20	30102231	30157370	+	5701	6862.408	0	-0.60449	0.094929	-6.36781	6.05E-09	6.11E-06	0.000159
ENSG0000	mucosal h	Inflamed	S100A8	protein_cc chr1	1.53E+08	1.53E+08	-	1006	1747.105	0	-3.78426	0.595955	-6.34991	6.57E-09	6.39E-06	0.000173
ENSG0000	mucosal h	Inflamed	MMP7	protein_cc chr11	1.02E+08	1.02E+08	-	2323	569.074	0.095465	-3.78465	0.599545	-6.31255	7.80E-09	7.33E-06	0.000205
ENSG0000	mucosal h	Inflamed	CDC25B	protein_cc chr20	3767578	3786762	+	4149	3511.518	0	-0.95488	0.151618	-6.2979	8.35E-09	7.45E-06	0.000219
ENSG0000	mucosal h	Inflamed	GZMB	protein_cc chr14	25100160	25103473	-	1408	226.1504	0	-1.86761	0.296732	-6.29394	8.50E-09	7.45E-06	0.000223
ENSG0000	mucosal h	Inflamed	CTC-5580	antisense chr5	1.68E+08	1.68E+08	+	3478	45.07876	0.071599	2.031909	0.323693	6.277276	9.18E-09	7.78E-06	0.000241
ENSG0000	mucosal h	Inflamed	FCRLB	protein_cc chr1	1.62E+08	1.62E+08	+	2592	55.11217	0.00716	-1.59816	0.255775	-6.24829	1.05E-08	8.19E-06	0.000276
ENSG0000	mucosal h	Inflamed	IGKV1-5	IG_V_gene chr2	89246819	89247475	-	532	33498.81	0	-2.13985	0.342496	-6.24781	1.05E-08	8.19E-06	0.000276
ENSG0000	mucosal h	Inflamed	CFB	protein_cc chr6	31895475	31919861	+	6622	1577.456	0	-1.45805	0.23364	-6.24058	1.09E-08	8.19E-06	0.000286
ENSG0000	mucosal h	Inflamed	SYT17	protein_cc chr16	19179293	19279652	+	7534	170.8926	0	1.005076	0.161076	6.239752	1.09E-08	8.19E-06	0.000287
ENSG0000	mucosal h	Inflamed	MT3	protein_cc chr16	56622986	56625000	+	1837	9.128878	0.281623	1.301468	0.209191	6.221418	1.19E-08	8.60E-06	0.000312
ENSG0000	mucosal h	Inflamed	AP000344	lincRNA chr22	23775751	23777258	+	1083	28.17422	0.109785	1.659412	0.266919	6.216923	1.21E-08	8.60E-06	0.000318
ENSG0000	mucosal h	Inflamed	CLDN14	protein_cc chr21	37832919	37948867	-	2853	37.84964	0.057279	-1.73007	0.278968	-6.2017	1.30E-08	8.79E-06	0.000341
ENSG0000	mucosal h	Inflamed	RP11-431J	antisense chrX	16171064	16188992	-	1219	3.212411	0.637232	1.015016	0.163764	6.198035	1.32E-08	8.79E-06	0.000347
ENSG0000	mucosal h	Inflamed	CPNE5	protein_cc chr6	36708552	36807778	-	4067	1716.451	0	-1.16164	0.187511	-6.19505	1.34E-08	8.79E-06	0.000352
ENSG0000	mucosal h	Inflamed	UGT2B10	protein_cc chr4	69681711	69696914	+	1931	4.46778	0.491647	1.080874	0.174884	6.180516	1.43E-08	8.91E-06	0.000376
ENSG0000	mucosal h	Inflamed	IGKV1-16	IG_V_gene chr2	89399352	89399854	-	378	5157.01	0	-2.03632	0.329844	-6.17358	1.48E-08	8.91E-06	0.000388
ENSG0000	mucosal h	Inflamed	S100A9	protein_cc chr1	1.53E+08	1.53E+08	+	577	4812.239	0	-3.26986	0.52966	-6.17352	1.48E-08	8.91E-06	0.000388
ENSG0000	mucosal h	Inflamed	TPST2	protein_cc chr22	26921458	26992681	-	3448	1234.384	0	-0.86241	0.139746	-6.1713	1.49E-08	8.91E-06	0.000392
ENSG0000	mucosal h	Inflamed	CXCL1	protein_cc chr4	74735110	74736959	+	1296	4821.072	0	-2.75038	0.446537	-6.15936	1.57E-08	9.20E-06	0.000414
ENSG0000	mucosal h	Inflamed	ME3	protein_cc chr11	86152150	86383678	-	3838	662.2005	0	0.671775	0.109258	6.148501	1.65E-08	9.46E-06	0.000435
ENSG0000	mucosal h	Inflamed	MAGI1-IT1	sense_intr chr3	65858490	65940233	-	2567	7.680191	0.143198	1.268757	0.206568	6.142088	1.70E-08	9.53E-06	0.000448
ENSG0000	mucosal h	Inflamed	IGHV4-34	IG_V_gene chr14	1.07E+08	1.07E+08	-	400	10580.37	0	-2.45257	0.400295	-6.1269	1.83E-08	9.86E-06	0.00048
ENSG0000	mucosal h	Inflamed	CTB-43E15	lincRNA chr5	1.73E+08	1.73E+08	-	1839	9.661098	0.329356	-1.78611	0.291588	-6.12546	1.84E-08	9.86E-06	0.000483
ENSG0000	mucosal h	Inflamed	RP3-407E4	pseudoger chr6	64150671	64153485	+	968	3.245823	0.610979	1.251039	0.205057	6.100939	2.05E-08	1.06E-05	0.00054
ENSG0000	mucosal h	Inflamed	PNLIPRP1	protein_cc chr10	1.18E+08	1.18E+08	+	4986	1.656325	0.689737	0.770766	0.126356	6.099968	2.06E-08	1.06E-05	0.000543
ENSG0000	mucosal h	Inflamed	UBE2L6	protein_cc chr11	57319129	57335757	-	2197	2738.088	0	-1.06688	0.17519	-6.08985	2.16E-08	1.09E-05	0.000568
ENSG0000	mucosal h	Inflamed	IL15RA	protein_cc chr10	5990855	6020150	-	3168	1020.833	0	-0.78679	0.129503	-6.0755	2.31E-08	1.14E-05	0.000606
ENSG0000	mucosal h	Inflamed	TINCR	lincRNA chr19	5558178	5568045	-	3925	171.8067	0	1.577895	0.260173	6.064784	2.42E-08	1.15E-05	0.000637
ENSG0000	mucosal h	Inflamed	PNOC	protein_cc chr8	28174503	28200872	+	2126	246.0573	0	-1.79136	0.295373	-6.06475	2.42E-08	1.15E-05	0.000637
ENSG0000	mucosal h	Inflamed	GNA15	protein_cc chr19	3136191	3163767	+	2613	803.0692	0	-1.23329	0.203418	-6.06283	2.44E-08	1.15E-05	0.000642
ENSG0000	mucosal h	Inflamed	HLA-DRB1	protein_cc chr6	32546546	32557625	-	1229	9992.487	0	-0.93679	0.154831	-6.05036	2.58E-08	1.18E-05	0.00068
ENSG0000	mucosal h	Inflamed	IP6K2	protein_cc chr3	48725436	48777786	-	5624	3219.933	0	0.628396	0.103951	6.045133	2.65E-08	1.18E-05	0.000696
ENSG0000	mucosal h	Inflamed	IGHG4	IG_C_gene chr14	1.06E+08	1.06E+08	-	1110	20595.28	0	-2.95491	0.488835	-6.04479	2.65E-08	1.18E-05	0.000697
ENSG0000	mucosal h	Inflamed	CTD-2589	pseudoger chr5	767512	769046	-	225	2.694511	0.51074	0.993147	0.164418	6.040374	2.70E-08	1.18E-05	0.000711

ENSG0000	mucosal h	Inflamed	IGKV3-11	IG_V_gene	chr2	89326668	89327228	-	392	33944.01	0	-2.0266	0.335673	-6.0374	2.74E-08	1.18E-05	0.000721
ENSG0000	mucosal h	Inflamed	KRT6B	protein_cc	chr12	52840435	52845910	-	2282	280.5084	0.119332	-3.21631	0.53626	-5.99768	3.28E-08	1.39E-05	0.000862
ENSG0000	mucosal h	Inflamed	EMR3	protein_cc	chr19	14729929	14800839	-	2837	147.7947	0	-1.95854	0.32686	-5.992	3.37E-08	1.39E-05	0.000885
ENSG0000	mucosal h	Inflamed	DERL3	protein_cc	chr22	24176690	24181315	-	3796	5759.993	0	-1.6943	0.28281	-5.99094	3.38E-08	1.39E-05	0.000889
ENSG0000	mucosal h	Inflamed	RP11-728F	antisense	chr11	1.18E+08	1.18E+08	+	1464	15.64678	0.047733	1.071972	0.179229	5.981009	3.54E-08	1.43E-05	0.00093
ENSG0000	mucosal h	Inflamed	BATF	protein_cc	chr14	75988768	76013358	+	980	225.3341	0	-1.50506	0.251995	-5.97257	3.67E-08	1.46E-05	0.000966
ENSG0000	mucosal h	Inflamed	SLC7A5	protein_cc	chr16	87863629	87903094	-	4745	2536.912	0	-1.50396	0.251924	-5.9699	3.72E-08	1.46E-05	0.000977
ENSG0000	mucosal h	Inflamed	DUOXA2	protein_cc	chr15	45406519	45410619	+	2554	8410.351	0.002387	-3.39333	0.569523	-5.95819	3.92E-08	1.51E-05	0.00103
ENSG0000	mucosal h	Inflamed	ANKH	protein_cc	chr5	14704910	14871887	-	10868	3722.637	0	0.615582	0.103361	5.955645	3.96E-08	1.51E-05	0.001042
ENSG0000	mucosal h	Inflamed	MIXL1	protein_cc	chr1	2.26E+08	2.26E+08	+	2029	118.8663	0	-1.74123	0.292522	-5.95248	4.02E-08	1.51E-05	0.001057
ENSG0000	mucosal h	Inflamed	UNC13D	protein_cc	chr17	73823306	73840798	-	7752	4544.162	0	-0.9613	0.161595	-5.9488	4.09E-08	1.51E-05	0.001075
ENSG0000	mucosal h	Inflamed	CRELD2	protein_cc	chr22	50311815	50321188	+	5165	2782.222	0	-0.69317	0.116612	-5.94429	4.17E-08	1.52E-05	0.001097
ENSG0000	mucosal h	Inflamed	FCN1	protein_cc	chr9	1.38E+08	1.38E+08	-	1286	480.4439	0.002387	-2.32319	0.391015	-5.94143	4.23E-08	1.52E-05	0.001111
ENSG0000	mucosal h	Inflamed	IGLV6-57	IG_V_gene	chr22	22550113	22550860	+	623	4690.31	0	-2.24762	0.378902	-5.93193	4.41E-08	1.57E-05	0.001159
ENSG0000	mucosal h	Inflamed	RP11-781F	antisense	chr18	6954676	6957418	+	2295	3.656325	0.463007	1.035172	0.174752	5.923663	4.58E-08	1.60E-05	0.001203
ENSG0000	mucosal h	Inflamed	CHAC1	protein_cc	chr15	41245160	41248710	+	2051	337.7088	0	-1.44142	0.243414	-5.9217	4.62E-08	1.60E-05	0.001214
ENSG0000	mucosal h	Inflamed	IGKV6-21	IG_V_gene	chr2	89459235	89459850	-	406	866.5823	0.002387	-2.11448	0.357248	-5.9188	4.68E-08	1.60E-05	0.00123
ENSG0000	mucosal h	Inflamed	NR6A1	protein_cc	chr9	1.27E+08	1.28E+08	-	7124	428.1575	0	1.150109	0.194922	5.900341	5.08E-08	1.67E-05	0.001336
ENSG0000	mucosal h	Inflamed	BHLHA15	protein_cc	chr7	97840739	97842291	+	798	422.6301	0	-1.57202	0.266434	-5.9002	5.09E-08	1.67E-05	0.001337
ENSG0000	mucosal h	Inflamed	RP5-894D	lincRNA	chr6	1.71E+08	1.71E+08	-	1953	5.312649	0.145585	0.971686	0.164744	5.898158	5.13E-08	1.67E-05	0.001349
ENSG0000	mucosal h	Inflamed	S100A11	protein_cc	chr1	1.52E+08	1.52E+08	-	680	12689.97	0	-0.87967	0.149145	-5.89809	5.13E-08	1.67E-05	0.00135
ENSG0000	mucosal h	Inflamed	GLT1D1	protein_cc	chr12	1.29E+08	1.29E+08	+	3474	117.1695	0.078759	-2.57657	0.437427	-5.8903	5.32E-08	1.69E-05	0.001398
ENSG0000	mucosal h	Inflamed	KLK4	protein_cc	chr19	51409608	51413994	-	1935	21.04535	0.164678	1.777693	0.30183	5.889724	5.33E-08	1.69E-05	0.001401
ENSG0000	mucosal h	Inflamed	RP11-415C	lincRNA	chr4	27219101	27283847	+	2802	1.145585	0.75895	0.600544	0.102049	5.884832	5.45E-08	1.70E-05	0.001432
ENSG0000	mucosal h	Inflamed	IGLV9-49	IG_V_gene	chr22	22697539	22698084	+	409	434.5394	0.004773	-2.29608	0.390304	-5.88279	5.50E-08	1.70E-05	0.001445
ENSG0000	mucosal h	Inflamed	PRKG2	protein_cc	chr4	82009837	82136218	-	3751	94.65394	0.031026	1.730508	0.294675	5.872603	5.75E-08	1.75E-05	0.001513
ENSG0000	mucosal h	Inflamed	IGKV3-20	IG_V_gene	chr2	89442057	89442643	-	400	57836.42	0	-2.05569	0.350127	-5.87126	5.79E-08	1.75E-05	0.001522
ENSG0000	mucosal h	Inflamed	IGLC6	IG_C_pseu	chr22	23261707	23262023	+	317	240.6635	0.004773	-1.7391	0.296376	-5.86788	5.88E-08	1.75E-05	0.001545
ENSG0000	mucosal h	Inflamed	ARPC1B	protein_cc	chr7	98971872	98992424	+	3979	5711.695	0	-0.54068	0.092163	-5.86657	5.91E-08	1.75E-05	0.001554
ENSG0000	mucosal h	Inflamed	JSRP1	protein_cc	chr19	2252251	2269758	-	1955	363.5036	0	-1.89886	0.323832	-5.86373	5.99E-08	1.75E-05	0.001574
ENSG0000	mucosal h	Inflamed	ISG20	protein_cc	chr15	89179384	89199714	+	7363	2719.723	0	-0.8759	0.149561	-5.85651	6.18E-08	1.79E-05	0.001626
ENSG0000	mucosal h	Inflamed	ADA	protein_cc	chr20	43248163	43280874	-	2852	407.9666	0	-1.13587	0.194131	-5.85108	6.34E-08	1.81E-05	0.001666
ENSG0000	mucosal h	Inflamed	CAMK1D	protein_cc	chr10	12391481	12877545	+	8746	2599.831	0	0.914441	0.156452	5.844874	6.51E-08	1.83E-05	0.001712
ENSG0000	mucosal h	Inflamed	TNFRSF8	protein_cc	chr1	12123434	12204264	+	3738	102.315	0.011933	-1.86199	0.318884	-5.83908	6.68E-08	1.83E-05	0.001757
ENSG0000	mucosal h	Inflamed	SAA1	protein_cc	chr11	18287721	18291524	+	765	545.8831	0.052506	-3.54388	0.606942	-5.83891	6.69E-08	1.83E-05	0.001758
ENSG0000	mucosal h	Inflamed	MDFI	protein_cc	chr6	41604620	41621984	+	2523	357.9379	0.002387	-1.62162	0.277803	-5.8373	6.74E-08	1.83E-05	0.001771
ENSG0000	mucosal h	Inflamed	IGLV4-69	IG_V_gene	chr22	22385332	22385870	+	419	2909.463	0	-2.08332	0.357085	-5.83423	6.83E-08	1.83E-05	0.001796
ENSG0000	mucosal h	Inflamed	IGKV4-1	IG_V_gene	chr2	89184913	89185669	+	538	24495.63	0	-2.0521	0.351753	-5.83391	6.84E-08	1.83E-05	0.001798
ENSG0000	mucosal h	Inflamed	IGKV2D-28	IG_V_gene	chr2	89998789	89999564	+	402	450.6014	0.002387	-1.87739	0.321874	-5.83269	6.88E-08	1.83E-05	0.001808
ENSG0000	mucosal h	Inflamed	TCN1	protein_cc	chr11	59620273	59634048	-	1586	377.2959	0.112172	-3.22074	0.552427	-5.83016	6.95E-08	1.83E-05	0.001828

ENSG0000	mucosal h	Inflamed	FCGR3B	protein_cc chr1	1.62E+08	1.62E+08	-	2964	927.5442	0.026253	-3.37951	0.581338	-5.81334	7.50E-08	1.94E-05	0.001971
ENSG0000	mucosal h	Inflamed	GPR97	protein_cc chr16	57702099	57723975	+	3593	656.5012	0	-2.29291	0.394449	-5.81294	7.51E-08	1.94E-05	0.001974
ENSG0000	mucosal h	Inflamed	CHST2	protein_cc chr3	1.43E+08	1.43E+08	+	3526	1500.232	0	-1.44124	0.248067	-5.8099	7.61E-08	1.94E-05	0.002001
ENSG0000	mucosal h	Inflamed	IL2RA	protein_cc chr10	6052652	6104288	-	3176	535.1193	0	-1.52867	0.263245	-5.80703	7.71E-08	1.95E-05	0.002027
ENSG0000	mucosal h	Inflamed	DOC2B	protein_cc chr17	5810	31427	-	1480	228.7924	0.004773	-1.69315	0.291947	-5.79951	7.97E-08	2.00E-05	0.002096
ENSG0000	mucosal h	Inflamed	SH3GL2	protein_cc chr9	17579080	17797127	+	2869	10.29833	0.178998	1.183907	0.204262	5.796034	8.10E-08	2.01E-05	0.002129
ENSG0000	mucosal h	Inflamed	SLC45A2	protein_cc chr5	33944721	33984835	-	3269	12.43437	0.329356	1.548406	0.26728	5.793196	8.20E-08	2.01E-05	0.002156
ENSG0000	mucosal h	Inflamed	SAA2	protein_cc chr11	18260770	18270190	-	2227	255.1599	0.100239	-3.32841	0.57494	-5.78915	8.35E-08	2.02E-05	0.002195
ENSG0000	mucosal h	Inflamed	CXCR2	protein_cc chr2	2.19E+08	2.19E+08	+	3231	690.4177	0.00716	-3.12138	0.539241	-5.78846	8.37E-08	2.02E-05	0.002201
ENSG0000	mucosal h	Inflamed	IGLV1-40	IG_V_gene chr22	22764098	22764614	+	407	19093.81	0	-2.05363	0.355148	-5.78246	8.60E-08	2.04E-05	0.002261
ENSG0000	mucosal h	Inflamed	AP000569	lincRNA chr21	35339403	35340874	-	591	2.159905	0.536993	-0.81636	0.141208	-5.78121	8.65E-08	2.04E-05	0.002274
ENSG0000	mucosal h	Inflamed	DCC	protein_cc chr18	49866542	51057784	+	8649	26.00239	0.133652	-1.95847	0.33883	-5.78009	8.69E-08	2.04E-05	0.002285
ENSG0000	mucosal h	Inflamed	TREM1	protein_cc chr6	41235664	41254457	-	4329	395.6802	0.047733	-3.06701	0.530786	-5.77823	8.76E-08	2.04E-05	0.002304
ENSG0000	mucosal h	Inflamed	TOR3A	protein_cc chr1	1.79E+08	1.79E+08	+	3917	2074.301	0	-0.61818	0.107029	-5.77579	8.86E-08	2.04E-05	0.002329
ENSG0000	mucosal h	Inflamed	AC096579	processed_chr2	89109984	89161075	-	1653	54.45107	0.009547	-1.49394	0.2589	-5.77033	9.08E-08	2.06E-05	0.002386
ENSG0000	mucosal h	Inflamed	OAF	protein_cc chr11	1.2E+08	1.2E+08	+	3176	4747.659	0	0.757182	0.131227	5.770007	9.09E-08	2.06E-05	0.002389
ENSG0000	mucosal h	Inflamed	TRPM6	protein_cc chr9	77337411	77503010	-	9287	1812.153	0.002387	2.349565	0.407995	5.758808	9.55E-08	2.13E-05	0.002511
ENSG0000	mucosal h	Inflamed	IGLC3	IG_C_gene chr22	23248512	23248973	+	462	44799.05	0	-1.8834	0.327099	-5.7579	9.59E-08	2.13E-05	0.002521
ENSG0000	mucosal h	Inflamed	POU2AF1	protein_cc chr11	1.11E+08	1.11E+08	-	7416	4964.644	0	-1.63617	0.284198	-5.75714	9.62E-08	2.13E-05	0.00253
ENSG0000	mucosal h	Inflamed	HAPLN3	protein_cc chr15	89420519	89438857	-	3524	905.6348	0	-1.72734	0.300153	-5.75488	9.72E-08	2.13E-05	0.002555
ENSG0000	mucosal h	Inflamed	MMP10	protein_cc chr11	1.03E+08	1.03E+08	-	1758	597.673	0.009547	-2.91232	0.506214	-5.75314	9.80E-08	2.13E-05	0.002575
ENSG0000	mucosal h	Inflamed	IGLV1-47	IG_V_gene chr22	22712087	22712608	+	407	7747.325	0	-2.18865	0.380939	-5.7454	1.01E-07	2.18E-05	0.002665
ENSG0000	mucosal h	Inflamed	KIAA1984	protein_cc chr9	1.4E+08	1.4E+08	+	2964	55.90931	0	1.152928	0.201	5.735965	1.06E-07	2.26E-05	0.002779
ENSG0000	mucosal h	Inflamed	FPR2	protein_cc chr19	52255279	52273779	+	3700	383.5131	0.0358	-2.99362	0.522042	-5.73445	1.06E-07	2.26E-05	0.002797
ENSG0000	mucosal h	Inflamed	IGHG2	IG_C_gene chr14	1.06E+08	1.06E+08	-	1132	123207.2	0	-2.66073	0.464214	-5.73169	1.08E-07	2.26E-05	0.002832
ENSG0000	mucosal h	Inflamed	BFSP2	protein_cc chr3	1.33E+08	1.33E+08	+	2070	18.94988	0.059666	-1.56904	0.273802	-5.73055	1.08E-07	2.26E-05	0.002846
ENSG0000	mucosal h	Inflamed	TIMP1	protein_cc chrX	47441712	47446188	+	1790	9957.695	0	-1.35421	0.23676	-5.71975	1.14E-07	2.35E-05	0.002985
ENSG0000	mucosal h	Inflamed	IGKV1-33	IG_V_gene chr2	89567758	89568263	-	382	371.1146	0.002387	-2.03551	0.356621	-5.70777	1.20E-07	2.46E-05	0.003148
ENSG0000	mucosal h	Inflamed	FCRL5	protein_cc chr1	1.57E+08	1.58E+08	-	12440	2319.776	0	-1.81969	0.319072	-5.70306	1.22E-07	2.49E-05	0.003214
ENSG0000	mucosal h	Inflamed	AC093818	antisense chr2	1.73E+08	1.73E+08	-	2447	130.2578	0	-1.26125	0.221444	-5.69557	1.26E-07	2.55E-05	0.003322
ENSG0000	mucosal h	Inflamed	SLC38A5	protein_cc chrX	48316920	48328644	-	4016	1283.504	0	-0.78214	0.137349	-5.69452	1.27E-07	2.55E-05	0.003337
ENSG0000	mucosal h	Inflamed	MMP3	protein_cc chr11	1.03E+08	1.03E+08	-	2048	6591.585	0	-3.56571	0.62657	-5.69084	1.29E-07	2.57E-05	0.003392
ENSG0000	mucosal h	Inflamed	RP11-216L	processed_chr9	1.4E+08	1.4E+08	+	4335	114.0931	0	1.340583	0.235885	5.683199	1.33E-07	2.62E-05	0.003508
ENSG0000	mucosal h	Inflamed	NT5DC2	protein_cc chr3	52558386	52569070	-	4734	1943.831	0	-0.87614	0.154177	-5.68272	1.34E-07	2.62E-05	0.003515
ENSG0000	mucosal h	Inflamed	AQP9	protein_cc chr15	58430368	58478110	+	3235	823.1742	0.073986	-3.50454	0.617012	-5.67985	1.35E-07	2.64E-05	0.00356
ENSG0000	mucosal h	Inflamed	IFITM3	protein_cc chr11	319669	327537	-	1348	11468.4	0	-1.0823	0.191073	-5.66431	1.45E-07	2.79E-05	0.003813
ENSG0000	mucosal h	Inflamed	CHI3L2	protein_cc chr1	1.12E+08	1.12E+08	+	3295	372.3294	0	-2.42387	0.427984	-5.66347	1.46E-07	2.79E-05	0.003827
ENSG0000	mucosal h	Inflamed	CXCL3	protein_cc chr4	74902306	74904524	-	2219	1581.253	0	-1.93189	0.341322	-5.66002	1.48E-07	2.82E-05	0.003885
ENSG0000	mucosal h	Inflamed	CCDC175	protein_cc chr14	59971257	60043549	-	3245	5.054893	0.329356	1.323573	0.234287	5.649379	1.55E-07	2.93E-05	0.004071
ENSG0000	mucosal h	Inflamed	VAMP5	protein_cc chr2	85811531	85820535	+	819	458.8258	0	-0.94879	0.168007	-5.64732	1.56E-07	2.93E-05	0.004108

ENSG0000	mucosal h	Inflamed	CTC-5580:antisense	chr5	1.68E+08	1.68E+08	+	810	6.109785	0.295943	1.117418	0.198051	5.642061	1.60E-07	2.98E-05	0.004204	
ENSG0000	mucosal h	Inflamed	CD38	protein_cc	chr4	15779898	15854853	+	6855	1144.84	0	-1.55139	0.275324	-5.6348	1.65E-07	3.06E-05	0.004341
ENSG0000	mucosal h	Inflamed	IGHV3-11	IG_V_gene	chr14	1.07E+08	1.07E+08	-	471	7462.795	0	-2.08851	0.370985	-5.62964	1.69E-07	3.11E-05	0.00444
ENSG0000	mucosal h	Inflamed	RP11-16E1	lincRNA	chr15	31514202	31523041	-	1563	284.642	0	-1.21419	0.21595	-5.62258	1.74E-07	3.17E-05	0.00458
ENSG0000	mucosal h	Inflamed	TNFRSF9	protein_cc	chr1	7979907	8000926	-	2284	100.7804	0.009547	-1.51308	0.269159	-5.62152	1.75E-07	3.17E-05	0.004601
ENSG0000	mucosal h	Inflamed	CDKN2B-A	antisense	chr9	21994777	22121096	+	4225	334.4702	0.002387	2.018289	0.359122	5.620064	1.76E-07	3.17E-05	0.004631
ENSG0000	mucosal h	Inflamed	TP73	protein_cc	chr1	3569084	3652765	+	6763	140.6921	0.002387	-1.39158	0.248165	-5.60747	1.86E-07	3.33E-05	0.004893
ENSG0000	mucosal h	Inflamed	PDPN	protein_cc	chr1	13909960	13944452	+	3707	1462.289	0	-1.62179	0.289312	-5.60568	1.88E-07	3.33E-05	0.004932
ENSG0000	mucosal h	Inflamed	GM2A	protein_cc	chr5	1.51E+08	1.51E+08	+	4479	3480.026	0	-0.61689	0.110122	-5.60183	1.91E-07	3.34E-05	0.005016
ENSG0000	mucosal h	Inflamed	AC073133	lincRNA	chr7	1.56E+08	1.56E+08	-	2698	21.05967	0.124105	1.6418	0.293152	5.60051	1.92E-07	3.34E-05	0.005045
ENSG0000	mucosal h	Inflamed	CAPN13	protein_cc	chr2	30945637	31043408	-	5203	624.2768	0.004773	2.322604	0.414714	5.60049	1.92E-07	3.34E-05	0.005045
ENSG0000	mucosal h	Inflamed	PROK2	protein_cc	chr3	71820807	71834357	-	1612	324.9403	0.116945	-3.47437	0.620623	-5.5982	1.94E-07	3.35E-05	0.005096
ENSG0000	mucosal h	Inflamed	ACSF2	protein_cc	chr17	48503519	48552206	+	5797	1814.752	0	1.093068	0.195399	5.594019	1.97E-07	3.39E-05	0.00519
ENSG0000	mucosal h	Inflamed	KLK6	protein_cc	chr19	51461887	51472929	-	1976	292.3007	0.331742	-3.76823	0.673974	-5.59106	2.00E-07	3.41E-05	0.005258
ENSG0000	mucosal h	Inflamed	AC110619	protein_cc	chr2	2.41E+08	2.41E+08	-	2347	25.74702	0.088305	1.754462	0.313946	5.588423	2.02E-07	3.43E-05	0.005319
ENSG0000	mucosal h	Inflamed	IGKC	IG_C_gene	chr2	89156674	89157196	-	523	644.8998	0	-2.03024	0.363516	-5.58502	2.05E-07	3.46E-05	0.005399
ENSG0000	mucosal h	Inflamed	C19orf59	protein_cc	chr19	7741514	7744712	+	1906	68.80191	0.221957	-2.71694	0.486847	-5.58068	2.09E-07	3.50E-05	0.005502
ENSG0000	mucosal h	Inflamed	WNT2	protein_cc	chr7	1.17E+08	1.17E+08	-	3005	114.8115	0.312649	-2.96117	0.530823	-5.57845	2.11E-07	3.52E-05	0.005556
ENSG0000	mucosal h	Inflamed	C17orf96	protein_cc	chr17	36827961	36831187	-	3227	189.3771	0.002387	-1.32999	0.238544	-5.57544	2.14E-07	3.52E-05	0.00563
ENSG0000	mucosal h	Inflamed	ALG1L13P	pseudoger	chr8	8093525	8102189	-	1447	22.48687	0.054893	-1.54706	0.27752	-5.57459	2.15E-07	3.52E-05	0.005651
ENSG0000	mucosal h	Inflamed	IGLL5	protein_cc	chr22	23229960	23238287	+	1335	1057.413	0	-1.65606	0.297143	-5.57326	2.16E-07	3.52E-05	0.005684
ENSG0000	mucosal h	Inflamed	IGKV1-9	IG_V_gene	chr2	89309479	89310012	-	409	10470.12	0	-1.99734	0.358566	-5.57035	2.19E-07	3.52E-05	0.005756
ENSG0000	mucosal h	Inflamed	LILRA3	protein_cc	chr19	54799854	54809952	-	1924	317.2888	0.023866	-2.33918	0.419959	-5.57002	2.19E-07	3.52E-05	0.005765
ENSG0000	mucosal h	Inflamed	C21orf88	protein_cc	chr21	40969074	40984748	-	2516	230.5346	0.031026	2.996576	0.538037	5.569458	2.20E-07	3.52E-05	0.005779
ENSG0000	mucosal h	Inflamed	CNNM2	protein_cc	chr10	1.05E+08	1.05E+08	+	16324	1473.356	0	0.848278	0.152359	5.567614	2.22E-07	3.53E-05	0.005826
ENSG0000	mucosal h	Inflamed	CCNJL	protein_cc	chr5	1.6E+08	1.6E+08	-	4731	879.5776	0	1.003406	0.180335	5.564112	2.25E-07	3.56E-05	0.005915
ENSG0000	mucosal h	Inflamed	HCAR3	protein_cc	chr12	1.23E+08	1.23E+08	-	2137	822.642	0.0358	-3.3741	0.606735	-5.56107	2.28E-07	3.59E-05	0.005994
ENSG0000	mucosal h	Inflamed	PTP4A3	protein_cc	chr8	1.42E+08	1.42E+08	+	1943	1338.914	0	-1.78877	0.321993	-5.55532	2.34E-07	3.66E-05	0.006147
ENSG0000	mucosal h	Inflamed	RP11-4344	antisense	chr2	1.44E+08	1.44E+08	-	884	3.668258	0.477327	1.106886	0.199361	5.552176	2.37E-07	3.69E-05	0.006232
ENSG0000	mucosal h	Inflamed	FOXD2-AS	antisense	chr1	47897805	47900313	-	2509	512.9499	0	1.055912	0.190274	5.549427	2.40E-07	3.71E-05	0.006307
ENSG0000	mucosal h	Inflamed	LINC00152	lincRNA	chr2	87754887	87906324	+	3125	244.3461	0	-1.42893	0.257685	-5.54527	2.44E-07	3.76E-05	0.006422
ENSG0000	mucosal h	Inflamed	IGHV3-7	IG_V_gene	chr14	1.07E+08	1.07E+08	-	430	18426.45	0	-1.86143	0.335989	-5.54015	2.50E-07	3.82E-05	0.006567
ENSG0000	mucosal h	Inflamed	CCR3	protein_cc	chr3	46205096	46308197	+	3647	82.42005	0.00716	-1.77828	0.321118	-5.53777	2.52E-07	3.84E-05	0.006635
ENSG0000	mucosal h	Inflamed	PLA1A	protein_cc	chr3	1.19E+08	1.19E+08	+	2202	133.3294	0.004773	-1.67371	0.302546	-5.53209	2.59E-07	3.91E-05	0.006802
ENSG0000	mucosal h	Inflamed	IL1A	protein_cc	chr2	1.14E+08	1.14E+08	-	2124	100.8091	0.085919	-2.20673	0.399062	-5.52979	2.61E-07	3.93E-05	0.00687
ENSG0000	mucosal h	Inflamed	NMUR2	protein_cc	chr5	1.52E+08	1.52E+08	-	2345	125.6993	0.257757	-2.8189	0.510392	-5.52302	2.69E-07	4.00E-05	0.007075
ENSG0000	mucosal h	Inflamed	ACP5	protein_cc	chr19	11685475	11689823	-	2814	3924.811	0	-0.7932	0.143626	-5.52268	2.70E-07	4.00E-05	0.007086
ENSG0000	mucosal h	Inflamed	ORAI2	protein_cc	chr7	1.02E+08	1.02E+08	+	11098	2315.403	0	-1.09288	0.198027	-5.51882	2.74E-07	4.05E-05	0.007206
ENSG0000	mucosal h	Inflamed	CEACAM4	protein_cc	chr19	42125344	42133442	-	1364	61.88067	0.02148	-1.67161	0.30305	-5.51596	2.78E-07	4.05E-05	0.007296
ENSG0000	mucosal h	Inflamed	RGCC	protein_cc	chr13	42031695	42045018	+	1032	507.1337	0	-1.16071	0.210428	-5.51595	2.78E-07	4.05E-05	0.007296

ENSG0000	mucosal h	Inflamed	FCGR3A	protein_cc chr1	1.62E+08	1.62E+08	-	2977	995.9308	0	-1.58515	0.287573	-5.51215	2.82E-07	4.09E-05	0.007418
ENSG0000	mucosal h	Inflamed	SLC26A2	protein_cc chr5	1.49E+08	1.49E+08	+	8606	17142.27	0	2.471301	0.448394	5.511451	2.83E-07	4.09E-05	0.00744
ENSG0000	mucosal h	Inflamed	DHRS7C	protein_cc chr17	9674751	9694614	-	1006	14.76611	0.140811	1.739345	0.315685	5.509742	2.85E-07	4.10E-05	0.007496
ENSG0000	mucosal h	Inflamed	IGHV4-59	IG_V_gene chr14	1.07E+08	1.07E+08	-	1432	15020.42	0	-1.70981	0.310734	-5.50247	2.94E-07	4.20E-05	0.007736
ENSG0000	mucosal h	Inflamed	GS1-18A1	antisense chr7	54624663	54639419	+	3031	3.983294	0.455847	1.140082	0.207334	5.498779	2.99E-07	4.23E-05	0.007861
ENSG0000	mucosal h	Inflamed	RNF157	protein_cc chr17	74138534	74236454	-	7802	1220.036	0	0.954616	0.173627	5.498076	3.00E-07	4.23E-05	0.007885
ENSG0000	mucosal h	Inflamed	VSIG10	protein_cc chr12	1.19E+08	1.19E+08	-	7060	2561.585	0	1.044308	0.189958	5.497578	3.01E-07	4.23E-05	0.007903
ENSG0000	mucosal h	Inflamed	IMPA2	protein_cc chr18	11981024	12030876	+	3819	2241.069	0	0.656902	0.119557	5.494461	3.05E-07	4.26E-05	0.00801
ENSG0000	mucosal h	Inflamed	IGHV3-21	IG_V_gene chr14	1.07E+08	1.07E+08	-	430	16243.19	0	-1.93174	0.351649	-5.49337	3.06E-07	4.26E-05	0.008048
ENSG0000	mucosal h	Inflamed	AC073133	lincRNA chr7	1.56E+08	1.56E+08	-	432	6.539379	0.317422	1.170793	0.213385	5.48676	3.15E-07	4.35E-05	0.008282
ENSG0000	mucosal h	Inflamed	IGLV2-14	IG_V_gene chr22	23101189	23101707	+	402	37629.5	0	-1.87342	0.341488	-5.48605	3.16E-07	4.35E-05	0.008308
ENSG0000	mucosal h	Inflamed	IGKV3-15	IG_V_gene chr2	89384673	89385283	-	442	10091.73	0	-2.08771	0.381162	-5.47721	3.28E-07	4.50E-05	0.008632
ENSG0000	mucosal h	Inflamed	RP11-2751	lincRNA chr15	38964048	38981392	+	815	7.575179	0.300716	-1.48097	0.270561	-5.47368	3.33E-07	4.54E-05	0.008765
ENSG0000	mucosal h	Inflamed	GPR114	protein_cc chr16	57576333	57625593	+	5852	699.3365	0	-1.05272	0.192597	-5.46592	3.45E-07	4.67E-05	0.009065
ENSG0000	mucosal h	Inflamed	APOL1	protein_cc chr22	36649056	36663576	+	3519	7445.377	0	-1.31287	0.240229	-5.46508	3.46E-07	4.67E-05	0.009098
ENSG0000	mucosal h	Inflamed	IL8	protein_cc chr4	74606223	74609433	+	2274	1983.704	0.011933	-3.31462	0.606801	-5.46245	3.50E-07	4.69E-05	0.009202
ENSG0000	mucosal h	Inflamed	PMM1	protein_cc chr22	41972898	41985894	-	5082	1107.749	0	0.610193	0.111802	5.457822	3.57E-07	4.77E-05	0.009388
ENSG0000	mucosal h	Inflamed	AC096579	processed_chr2	89130700	89165653	-	1424	751.389	0	-1.61897	0.296951	-5.45196	3.66E-07	4.86E-05	0.009629
ENSG0000	mucosal h	Inflamed	RP11-330	lincRNA chr2	2.2E+08	2.2E+08	-	456	68.11217	0	1.034022	0.189706	5.450656	3.68E-07	4.87E-05	0.009684
ENSG0000	mucosal h	Inflamed	RP11-109C	antisense chr17	12663457	12693559	-	3679	14.82816	0.408115	1.453668	0.2668	5.44853	3.72E-07	4.88E-05	0.009773
ENSG0000	mucosal h	Inflamed	RP11-386C	antisense chr12	49392150	49412988	+	2208	13.01432	0.02864	-1.03522	0.190025	-5.44782	3.73E-07	4.88E-05	0.009803
ENSG0000	mucosal h	Inflamed	IGKV1-12	IG_V_gene chr2	89339721	89340242	-	398	5915.943	0	-1.96713	0.361338	-5.44401	3.79E-07	4.92E-05	0.009966
ENSG0000	mucosal h	Inflamed	LILRB4	protein_cc chr19	55155340	55181810	+	6475	1117.642	0	-1.32969	0.244323	-5.44235	3.82E-07	4.92E-05	0.010037
ENSG0000	mucosal h	Inflamed	ENDOV	protein_cc chr17	78388965	78411886	+	7253	437.8401	0	0.503009	0.092475	5.439423	3.87E-07	4.92E-05	0.010165
ENSG0000	mucosal h	Inflamed	IL21R	protein_cc chr16	27413483	27462115	+	4219	662.5274	0	-1.53499	0.282229	-5.43883	3.88E-07	4.92E-05	0.010191
ENSG0000	mucosal h	Inflamed	PRDX4	protein_cc chrX	23682379	23704516	+	1904	2190.401	0	-0.8628	0.158653	-5.43829	3.89E-07	4.92E-05	0.010215
ENSG0000	mucosal h	Inflamed	TXNDC11	protein_cc chr16	11772936	11836734	-	4292	4994.864	0	-0.57641	0.105995	-5.43812	3.89E-07	4.92E-05	0.010223
ENSG0000	mucosal h	Inflamed	ZNF385C	protein_cc chr17	40177594	40217383	-	5115	27.1957	0.011933	1.005759	0.18496	5.437707	3.90E-07	4.92E-05	0.010241
ENSG0000	mucosal h	Inflamed	KLHDC7B	protein_cc chr22	50986462	50989451	+	2990	124.8854	0.002387	-1.29853	0.238918	-5.43504	3.94E-07	4.96E-05	0.01036
ENSG0000	mucosal h	Inflamed	ARHGAP4	protein_cc chr17	12692856	12894960	+	9281	2439.105	0	1.130173	0.208021	5.432974	3.98E-07	4.98E-05	0.010452
ENSG0000	mucosal h	Inflamed	UNC5D	protein_cc chr8	35092975	35654068	+	10816	21.20048	0.136038	1.686059	0.310421	5.431523	4.00E-07	4.98E-05	0.010518
ENSG0000	mucosal h	Inflamed	IGLV2-11	IG_V_gene chr22	23134980	23135496	+	400	12821.25	0	-1.83514	0.33808	-5.42812	4.06E-07	5.03E-05	0.010673
ENSG0000	mucosal h	Inflamed	HLA-DMA	protein_cc chr6	32916390	32936871	-	2534	3383.432	0	-0.89328	0.164721	-5.423	4.15E-07	5.12E-05	0.010912
ENSG0000	mucosal h	Inflamed	RP11-376	pseudoger chr1	84810361	84815622	+	905	1.945107	0.546539	0.796205	0.14685	5.421887	4.17E-07	5.12E-05	0.010964
ENSG0000	mucosal h	Inflamed	PTAFR	protein_cc chr1	28473677	28520447	-	4706	1972.103	0	-1.17707	0.217235	-5.41844	4.23E-07	5.18E-05	0.011129
ENSG0000	mucosal h	Inflamed	IGLV1-51	IG_V_gene chr22	22676828	22677336	+	400	11144.61	0	-1.96855	0.363691	-5.4127	4.34E-07	5.28E-05	0.011407
ENSG0000	mucosal h	Inflamed	IFI30	protein_cc chr19	18283972	18288927	+	2481	819.1885	0	-1.07487	0.198787	-5.40713	4.44E-07	5.38E-05	0.011684
ENSG0000	mucosal h	Inflamed	WFIKKN1	protein_cc chr16	679239	684116	+	4878	79.0358	0.00716	1.166022	0.215942	5.399695	4.59E-07	5.53E-05	0.012064
ENSG0000	mucosal h	Inflamed	IGHV3-23	IG_V_gene chr14	1.07E+08	1.07E+08	-	430	35873.8	0	-1.86328	0.34528	-5.39643	4.65E-07	5.58E-05	0.012235
ENSG0000	mucosal h	Inflamed	TAP1	protein_cc chr6	32812986	32821755	-	4742	11757.22	0	-0.69133	0.128139	-5.39513	4.68E-07	5.58E-05	0.012303

ENSG0000	mucosal h	Inflamed	GNG12-AS antisense	chr1	68297986	68668670	+	3465	11.41527	0.081146	1.063234	0.197091	5.39464	4.69E-07	5.58E-05	0.01233	
ENSG0000	mucosal h	Inflamed	RAC2	protein_cc	chr22	37621301	37640488	-	2532	2379.697	0	-1.07775	0.199866	-5.39236	4.74E-07	5.58E-05	0.012451
ENSG0000	mucosal h	Inflamed	IGKV3D-2C	IG_V_gene	chr2	90077680	90078311	+	445	1939.644	0.002387	-1.96837	0.365052	-5.39202	4.74E-07	5.58E-05	0.01247
ENSG0000	mucosal h	Inflamed	GLRA2	protein_cc	chrX	14547420	14749934	+	3713	33.30549	0.188544	2.325543	0.431331	5.391556	4.75E-07	5.58E-05	0.012494
ENSG0000	mucosal h	Inflamed	OSM	protein_cc	chr22	30658818	30662829	-	2114	887.6181	0.011933	-2.89175	0.536538	-5.38965	4.79E-07	5.58E-05	0.012597
ENSG0000	mucosal h	Inflamed	REG1A	protein_cc	chr2	79347488	79350545	+	1725	18254.48	0.00716	-4.2521	0.788993	-5.38927	4.80E-07	5.58E-05	0.012618
ENSG0000	mucosal h	Inflamed	IL17C	protein_cc	chr16	88704999	88706881	+	1379	12.46539	0.272076	-1.6194	0.300552	-5.38808	4.82E-07	5.59E-05	0.012682
ENSG0000	mucosal h	Inflamed	IGHV3-73	IG_V_gene	chr14	1.07E+08	1.07E+08	-	437	2819.148	0.002387	-1.90861	0.355031	-5.37591	5.08E-07	5.86E-05	0.013363
ENSG0000	mucosal h	Inflamed	LINC0094C	lincRNA	chr12	2038368	2045740	-	2350	37.62768	0.119332	1.807569	0.336476	5.372058	5.17E-07	5.93E-05	0.013586
ENSG0000	mucosal h	Inflamed	IGLV3-1	IG_V_gene	chr22	23222886	23223576	+	398	11455.05	0	-2.01446	0.375649	-5.3626	5.38E-07	6.12E-05	0.014149
ENSG0000	mucosal h	Inflamed	IL5RA	protein_cc	chr3	3111233	3168297	-	3377	40.06205	0	-1.45104	0.270611	-5.36211	5.39E-07	6.12E-05	0.014179
ENSG0000	mucosal h	Inflamed	AC104699	antisense	chr2	25643986	25650512	+	414	88.66348	0.002387	-1.50534	0.280847	-5.36001	5.44E-07	6.12E-05	0.014307
ENSG0000	mucosal h	Inflamed	SEC13	protein_cc	chr3	10334815	10362862	-	5446	4716.893	0	-0.34676	0.064695	-5.35989	5.44E-07	6.12E-05	0.014314
ENSG0000	mucosal h	Inflamed	IFITM2	protein_cc	chr11	307631	315272	+	1307	4973.387	0	-1.38957	0.259256	-5.35985	5.45E-07	6.12E-05	0.014317
ENSG0000	mucosal h	Inflamed	IGHV1-46	IG_V_gene	chr14	1.07E+08	1.07E+08	-	655	4421.845	0	-1.92429	0.359124	-5.35828	5.48E-07	6.13E-05	0.014413
ENSG0000	mucosal h	Inflamed	FCGR1A	protein_cc	chr1	1.5E+08	1.5E+08	+	2998	118.0024	0.002387	-1.52675	0.285039	-5.35628	5.53E-07	6.14E-05	0.014537
ENSG0000	mucosal h	Inflamed	PLEKHN1	protein_cc	chr1	901877	911245	+	2833	139.3986	0.00716	-1.34312	0.250766	-5.35605	5.53E-07	6.14E-05	0.014552
ENSG0000	mucosal h	Inflamed	RP11-536C	lincRNA	chr9	13406379	13433052	-	2576	43.92363	0.081146	-1.65814	0.309834	-5.35173	5.64E-07	6.23E-05	0.014824
ENSG0000	mucosal h	Inflamed	GPX7	protein_cc	chr1	53068044	53074723	+	1691	214.8568	0	-1.09675	0.204992	-5.35024	5.67E-07	6.23E-05	0.014919
ENSG0000	mucosal h	Inflamed	CSF3	protein_cc	chr17	38171614	38174066	+	2220	562.5227	0.124105	-3.63068	0.678655	-5.34981	5.69E-07	6.23E-05	0.014946
ENSG0000	mucosal h	Inflamed	IGKV2D-3C	IG_V_gene	chr2	89975669	89976489	+	395	200.6587	0	-1.56064	0.291832	-5.34775	5.74E-07	6.26E-05	0.015078
ENSG0000	mucosal h	Inflamed	IGKV1-27	IG_V_gene	chr2	89512908	89513413	-	382	3866.976	0	-1.87611	0.351089	-5.3437	5.84E-07	6.34E-05	0.015342
ENSG0000	mucosal h	Inflamed	PDE6A	protein_cc	chr5	1.49E+08	1.49E+08	-	7414	165.7232	0.083532	2.280502	0.42686	5.342503	5.87E-07	6.35E-05	0.015421
ENSG0000	mucosal h	Inflamed	CALN1	protein_cc	chr7	71244476	71912136	-	10029	4.494033	0.587112	1.552967	0.29079	5.340516	5.92E-07	6.37E-05	0.015553
ENSG0000	mucosal h	Inflamed	LY96	protein_cc	chr8	74903587	74941322	+	607	156.7828	0	-1.40252	0.262761	-5.33762	5.99E-07	6.43E-05	0.015747
ENSG0000	mucosal h	Inflamed	IGKV3-7	IG_V_gene	chr2	89277987	89278600	-	445	34.50597	0.047733	-1.71353	0.321093	-5.33655	6.02E-07	6.43E-05	0.015819
ENSG0000	mucosal h	Inflamed	MEI1	protein_cc	chr22	42095503	42195460	+	5412	619.0644	0	-1.35818	0.254642	-5.33368	6.09E-07	6.48E-05	0.016014
ENSG0000	mucosal h	Inflamed	RNASE2	protein_cc	chr14	21423611	21424595	+	755	21.95704	0.069212	-1.51737	0.284522	-5.33303	6.11E-07	6.48E-05	0.016059
ENSG0000	mucosal h	Inflamed	FAM167B	protein_cc	chr1	32712834	32714457	+	936	193.5322	0	-0.98817	0.185459	-5.32824	6.23E-07	6.56E-05	0.016392
ENSG0000	mucosal h	Inflamed	RAMP3	protein_cc	chr7	45197390	45225901	+	1427	755.6158	0	-1.30862	0.245613	-5.32797	6.24E-07	6.56E-05	0.01641
ENSG0000	mucosal h	Inflamed	CPA6	protein_cc	chr8	68334360	68658620	-	2435	44.17422	0.0358	1.733683	0.325738	5.322327	6.39E-07	6.70E-05	0.016811
ENSG0000	mucosal h	Inflamed	IGLV3-21	IG_V_gene	chr22	23054174	23055688	+	602	10603.73	0	-2.02892	0.381365	-5.32014	6.45E-07	6.71E-05	0.016969
ENSG0000	mucosal h	Inflamed	CD55	protein_cc	chr1	2.07E+08	2.08E+08	+	4477	7389.764	0	-1.38099	0.259582	-5.32004	6.46E-07	6.71E-05	0.016976
ENSG0000	mucosal h	Inflamed	SPAG4	protein_cc	chr20	34203814	34208971	+	2240	327.0979	0	-1.41976	0.267056	-5.31632	6.56E-07	6.79E-05	0.017248
ENSG0000	mucosal h	Inflamed	HRH2	protein_cc	chr5	1.75E+08	1.75E+08	+	4055	130.8998	0.02148	-1.8123	0.341104	-5.31303	6.65E-07	6.84E-05	0.017492
ENSG0000	mucosal h	Inflamed	IGLV7-43	IG_V_gene	chr22	22749356	22749827	+	385	2570.928	0.002387	-1.94684	0.36644	-5.31285	6.66E-07	6.84E-05	0.017505
ENSG0000	mucosal h	Inflamed	SELE	protein_cc	chr1	1.7E+08	1.7E+08	-	4586	368.895	0.02148	-2.84159	0.535463	-5.30679	6.83E-07	6.94E-05	0.017965
ENSG0000	mucosal h	Inflamed	HNF1A-AS	antisense	chr12	1.21E+08	1.21E+08	-	1430	226.8401	0.011933	1.399365	0.26375	5.30565	6.87E-07	6.94E-05	0.018052
ENSG0000	mucosal h	Inflamed	VOPP1	protein_cc	chr7	55503749	55640681	-	5361	3265.1	0	-0.3814	0.071888	-5.30538	6.87E-07	6.94E-05	0.018073
ENSG0000	mucosal h	Inflamed	IGHGP	IG_C_pseu	chr14	1.06E+08	1.06E+08	-	1178	3141.74	0.002387	-2.55447	0.481541	-5.30478	6.89E-07	6.94E-05	0.018119

ENSG0000	mucosal h	Inflamed	C2	protein_cc	chr6	31865562	31913449	+	5536	1619.229	0	-0.86218	0.162529	-5.30476	6.89E-07	6.94E-05	0.01812
ENSG0000	mucosal h	Inflamed	ICAM1	protein_cc	chr19	10381511	10397291	+	3706	4256.539	0	-1.47198	0.277688	-5.30083	7.01E-07	7.03E-05	0.018427
ENSG0000	mucosal h	Inflamed	IGHG3	IG_C_gene	chr14	1.06E+08	1.06E+08	-	1268	109430.7	0	-2.93173	0.553145	-5.30011	7.03E-07	7.03E-05	0.018484
ENSG0000	mucosal h	Inflamed	SSR4	protein_cc	chrX	1.53E+08	1.53E+08	+	4590	10562.49	0	-0.98943	0.186857	-5.29516	7.18E-07	7.15E-05	0.018878
ENSG0000	mucosal h	Inflamed	IGKV2-29	IG_V_pseu	chr2	89533655	89534393	-	372	560.7184	0.009547	-2.0121	0.38013	-5.29317	7.24E-07	7.18E-05	0.019038
ENSG0000	mucosal h	Inflamed	GJA5	protein_cc	chr1	1.47E+08	1.47E+08	-	3256	258.8711	0.009547	-1.57816	0.298262	-5.29117	7.30E-07	7.20E-05	0.019201
ENSG0000	mucosal h	Inflamed	CXCL6	protein_cc	chr4	74702214	74714781	+	2183	1010.165	0.004773	-3.01314	0.569505	-5.29081	7.31E-07	7.20E-05	0.019231
ENSG0000	mucosal h	Inflamed	PSMB9	protein_cc	chr6	32811913	32827362	+	3072	2134.874	0	-0.81062	0.153274	-5.28871	7.38E-07	7.24E-05	0.019403
ENSG0000	mucosal h	Inflamed	IGKV2OR2	IG_V_pseu	chr22	17395125	17395871	-	367	21.46539	0.078759	-1.59584	0.30208	-5.28284	7.57E-07	7.38E-05	0.019895
ENSG0000	mucosal h	Inflamed	EDEM2	protein_cc	chr20	33703167	33865928	-	3380	1535.439	0	-0.38687	0.073243	-5.28206	7.59E-07	7.38E-05	0.019961
ENSG0000	mucosal h	Inflamed	IFI35	protein_cc	chr17	41158742	41166473	+	1973	1526.986	0	-0.5421	0.102641	-5.28153	7.61E-07	7.38E-05	0.020006
ENSG0000	mucosal h	Inflamed	IGLV5-37	IG_V_gene	chr22	22781876	22782371	+	374	313.9833	0.059666	-2.32677	0.441099	-5.27495	7.83E-07	7.56E-05	0.020574
ENSG0000	mucosal h	Inflamed	HERPUD1	protein_cc	chr16	56965960	56977798	+	4178	11964.32	0	-0.63227	0.119887	-5.27384	7.86E-07	7.57E-05	0.020671
ENSG0000	mucosal h	Inflamed	AP001058	lincRNA	chr21	45626408	45627282	-	463	11.87112	0.038186	-1.11189	0.211286	-5.26248	8.25E-07	7.91E-05	0.021695
ENSG0000	mucosal h	Inflamed	IGKV2-28	IG_V_gene	chr2	89521179	89521942	-	390	844.1313	0.002387	-1.88182	0.357631	-5.26189	8.27E-07	7.91E-05	0.021749
ENSG0000	mucosal h	Inflamed	MROH7	protein_cc	chr1	55107463	55175939	+	9052	82.13126	0.026253	1.714805	0.326088	5.258726	8.38E-07	7.99E-05	0.022043
ENSG0000	mucosal h	Inflamed	CD40	protein_cc	chr20	44746911	44758502	+	2368	881.8759	0	-1.01104	0.192392	-5.25509	8.52E-07	8.08E-05	0.022386
ENSG0000	mucosal h	Inflamed	RP11-290F	lincRNA	chr20	48884023	48896332	+	2451	238.5823	0	-1.73698	0.331144	-5.24541	8.87E-07	8.30E-05	0.023325
ENSG0000	mucosal h	Inflamed	PTGDR	protein_cc	chr14	52734431	52743442	+	3033	367.7757	0	1.226969	0.233915	5.245374	8.87E-07	8.30E-05	0.023329
ENSG0000	mucosal h	Inflamed	C1orf167	protein_cc	chr1	11821844	11849642	+	6505	25.96659	0.004773	-1.18578	0.226081	-5.24494	8.89E-07	8.30E-05	0.023372
ENSG0000	mucosal h	Inflamed	NLRP12	protein_cc	chr19	54296857	54327648	-	5100	70.80907	0.02148	-1.95598	0.372944	-5.24469	8.90E-07	8.30E-05	0.023396
ENSG0000	mucosal h	Inflamed	NNMT	protein_cc	chr11	1.14E+08	1.14E+08	+	2919	1120.871	0	-1.58747	0.302683	-5.24465	8.90E-07	8.30E-05	0.0234
ENSG0000	mucosal h	Inflamed	RP11-139C	pseudoger	chr4	9564791	9565570	+	780	1.331742	0.677804	0.777621	0.148336	5.242299	8.99E-07	8.35E-05	0.023635
ENSG0000	mucosal h	Inflamed	HPCA	protein_cc	chr1	33351595	33364042	+	1991	30.93317	0.00716	1.097259	0.209341	5.241492	9.02E-07	8.35E-05	0.023716
ENSG0000	mucosal h	Inflamed	SLC11A1	protein_cc	chr2	2.19E+08	2.19E+08	+	8676	689.4368	0	-2.46387	0.470396	-5.23787	9.16E-07	8.45E-05	0.024083
ENSG0000	mucosal h	Inflamed	IGKV1-39	IG_V_gene	chr2	89619383	89619904	-	398	726.0263	0	-2.0136	0.384762	-5.23335	9.34E-07	8.56E-05	0.024549
ENSG0000	mucosal h	Inflamed	IGLV7-46	IG_V_gene	chr22	22723982	22724454	+	384	4029.036	0	-1.9059	0.364202	-5.2331	9.35E-07	8.56E-05	0.024575
ENSG0000	mucosal h	Inflamed	LGALS12	protein_cc	chr11	63273556	63284246	+	2270	56.41766	0.033413	-1.53465	0.293334	-5.23173	9.40E-07	8.58E-05	0.024717
ENSG0000	mucosal h	Inflamed	BCL2L1	protein_cc	chr20	30252255	30311792	-	3314	4955.94	0	-0.49115	0.093939	-5.22841	9.54E-07	8.67E-05	0.025068
ENSG0000	mucosal h	Inflamed	LILRA1	protein_cc	chr19	55105047	55113555	+	3587	185.6158	0.002387	-1.48607	0.284737	-5.2191	9.92E-07	8.99E-05	0.026075
ENSG0000	mucosal h	Inflamed	LDLRAD2	protein_cc	chr1	22138758	22151714	+	4490	102.9045	0.00716	-1.28266	0.24593	-5.21556	1.01E-06	9.02E-05	0.026469
ENSG0000	mucosal h	Inflamed	SEMA4A	protein_cc	chr1	1.56E+08	1.56E+08	+	6676	1647.468	0	-0.97001	0.185991	-5.21537	1.01E-06	9.02E-05	0.026491
ENSG0000	mucosal h	Inflamed	RP11-166E	protein_cc	chr16	12021230	12070500	-	2233	14.24821	0.038186	0.888602	0.170409	5.21453	1.01E-06	9.02E-05	0.026585
ENSG0000	mucosal h	Inflamed	EMX1	protein_cc	chr2	73143389	73162020	+	3721	12.63962	0.210024	1.319893	0.253155	5.213778	1.01E-06	9.02E-05	0.026669
ENSG0000	mucosal h	Inflamed	EGFL6	protein_cc	chrX	13587724	13651694	+	2607	141.9523	0.047733	-2.47723	0.475134	-5.21374	1.01E-06	9.02E-05	0.026674
ENSG0000	mucosal h	Inflamed	ALPL	protein_cc	chr1	21835858	21904905	+	3014	1299.1	0	-1.94459	0.372986	-5.21358	1.02E-06	9.02E-05	0.026692
ENSG0000	mucosal h	Inflamed	RP11-395C	pseudoger	chr5	1.26E+08	1.26E+08	-	303	7.701671	0.23389	1.104027	0.211803	5.212512	1.02E-06	9.03E-05	0.026812
ENSG0000	mucosal h	Inflamed	DOC2A	protein_cc	chr16	30016830	30034591	-	6426	101.0406	0.004773	1.420796	0.272922	5.205864	1.05E-06	9.25E-05	0.027577
ENSG0000	mucosal h	Inflamed	TYMP	protein_cc	chr22	50964181	50968485	-	3320	5059.427	0	-1.14888	0.220881	-5.20136	1.07E-06	9.38E-05	0.028106
ENSG0000	mucosal h	Inflamed	RP11-219E	lincRNA	chr14	21366144	21404414	-	351	3.718377	0.587112	0.828945	0.159381	5.201016	1.07E-06	9.38E-05	0.028147

ENSG0000	mucosal h	Inflamed	PADI4	protein_cc chr1	17634690	17690499	+	2971	92.25537	0.0358	-2.09249	0.402608	-5.19733	1.09E-06	9.50E-05	0.028589
ENSG0000	mucosal h	Inflamed	KCNJ15	protein_cc chr21	39529128	39679279	+	9685	223.6158	0.069212	-2.652	0.510382	-5.19612	1.09E-06	9.51E-05	0.028735
ENSG0000	mucosal h	Inflamed	HBD	protein_cc chr11	5253908	5256600	-	1062	8.539379	0.221957	-1.39178	0.268199	-5.18936	1.12E-06	9.76E-05	0.029566
ENSG0000	mucosal h	Inflamed	SMOX	protein_cc chr20	4101627	4168394	+	4943	857.6874	0	-1.21095	0.233397	-5.18835	1.13E-06	9.77E-05	0.029694
ENSG0000	mucosal h	Inflamed	CTSB	protein_cc chr8	11700033	11726957	-	7438	37894.52	0	-0.69884	0.134735	-5.18681	1.14E-06	9.80E-05	0.029887
ENSG0000	mucosal h	Inflamed	SOCS3	protein_cc chr17	76352864	76356158	-	2729	6163.48	0	-1.87209	0.361004	-5.18579	1.14E-06	9.81E-05	0.030015
ENSG0000	mucosal h	Inflamed	CLPTM1L	protein_cc chr5	1317859	1345214	-	6557	6656.172	0	-0.45098	0.086984	-5.1846	1.15E-06	9.83E-05	0.030167
ENSG0000	mucosal h	Inflamed	XXyac-YM2	antisense chr9	90471930	90474314	-	2014	22.36277	0.348449	1.559919	0.301108	5.180599	1.17E-06	9.96E-05	0.03068
ENSG0000	mucosal h	Inflamed	IGKV1-6	IG_V_gene chr2	89265781	89266286	-	380	3773.427	0	-1.82437	0.35249	-5.17566	1.19E-06	0.000101	0.031325
ENSG0000	mucosal h	Inflamed	SH2B2	protein_cc chr7	1.02E+08	1.02E+08	+	2236	285.8067	0	-1.10393	0.213342	-5.17447	1.20E-06	0.000102	0.031483
ENSG0000	mucosal h	Inflamed	IGKV1D-35	IG_V_gene chr2	89901292	89901791	+	376	967.7566	0	-1.85827	0.359207	-5.17325	1.20E-06	0.000102	0.031645
ENSG0000	mucosal h	Inflamed	OTUD7A	protein_cc chr15	31775329	32162992	-	6624	83.00955	0.011933	0.838697	0.162234	5.169661	1.22E-06	0.000103	0.032127
ENSG0000	mucosal h	Inflamed	LILRA5	protein_cc chr19	54818353	54824409	-	1762	380.7303	0	-1.84312	0.356545	-5.16939	1.22E-06	0.000103	0.032163
ENSG0000	mucosal h	Inflamed	IL12RB1	protein_cc chr19	18169805	18209754	-	4298	583.284	0	-0.94954	0.183805	-5.16602	1.24E-06	0.000104	0.032622
ENSG0000	mucosal h	Inflamed	RP11-960L	lincRNA chr16	81771853	81801311	+	1772	32.60859	0.023866	-1.34013	0.259559	-5.1631	1.26E-06	0.000104	0.033027
ENSG0000	mucosal h	Inflamed	PAQR5	protein_cc chr15	69591286	69700119	+	6209	1667.924	0	1.138573	0.220535	5.162765	1.26E-06	0.000104	0.033073
ENSG0000	mucosal h	Inflamed	MT-ND1	protein_cc chrM	3307	4262	+	956	399641.4	0	0.648173	0.125553	5.162543	1.26E-06	0.000104	0.033104
ENSG0000	mucosal h	Inflamed	NTPCR	protein_cc chr1	2.33E+08	2.33E+08	+	15854	1093.649	0	0.414739	0.080351	5.16158	1.26E-06	0.000104	0.033238
ENSG0000	mucosal h	Inflamed	BST2	protein_cc chr19	17513748	17516457	-	1119	1592.995	0	-0.97078	0.188083	-5.16141	1.27E-06	0.000104	0.033262
ENSG0000	mucosal h	Inflamed	C2CD4A	protein_cc chr15	62359176	62363116	+	3445	350.7518	0.004773	-1.65746	0.32132	-5.15828	1.28E-06	0.000105	0.033703
ENSG0000	mucosal h	Inflamed	NBPF1	protein_cc chr1	16888814	16940057	-	12212	3064.723	0	0.975708	0.189175	5.157704	1.29E-06	0.000105	0.033785
ENSG0000	mucosal h	Inflamed	SYT7	protein_cc chr11	61282785	61348620	-	5953	1333.243	0	1.108335	0.21489	5.157681	1.29E-06	0.000105	0.033788
ENSG0000	mucosal h	Inflamed	SLAMF7	protein_cc chr1	1.61E+08	1.61E+08	+	4604	3738.169	0	-1.20429	0.233591	-5.15552	1.30E-06	0.000105	0.034096
ENSG0000	mucosal h	Inflamed	RPL10L	protein_cc chr14	47120222	47121028	-	807	19.14081	0.107399	1.394839	0.270581	5.154981	1.30E-06	0.000105	0.034174
ENSG0000	mucosal h	Inflamed	KISS1R	protein_cc chr19	917287	921015	+	1680	9.374702	0.140811	-1.25106	0.242796	-5.15273	1.31E-06	0.000106	0.034499
ENSG0000	mucosal h	Inflamed	SOCS1	protein_cc chr16	11348262	11350036	-	1225	621.043	0	-1.32965	0.258232	-5.14903	1.33E-06	0.000107	0.03504
ENSG0000	mucosal h	Inflamed	GJA4	protein_cc chr1	35258599	35261348	+	1717	320.4153	0.002387	-1.48179	0.287819	-5.14835	1.34E-06	0.000107	0.035139
ENSG0000	mucosal h	Inflamed	SLC1A4	protein_cc chr2	65215611	65250999	+	6939	2935.217	0	-0.77652	0.150833	-5.14817	1.34E-06	0.000107	0.035166
ENSG0000	mucosal h	Inflamed	IGHV3-49	IG_V_gene chr14	1.07E+08	1.07E+08	-	437	4533.079	0	-1.82571	0.354807	-5.14564	1.35E-06	0.000108	0.035542
ENSG0000	mucosal h	Inflamed	PHOSPHO2	protein_cc chr17	47300724	47308128	-	2375	73.46062	0.02864	-2.12298	0.412816	-5.14268	1.37E-06	0.000109	0.035987
ENSG0000	mucosal h	Inflamed	MIR4435-1	lincRNA chr2	1.12E+08	1.12E+08	-	8500	381.7733	0	-1.0517	0.204554	-5.14146	1.38E-06	0.000109	0.036172
ENSG0000	mucosal h	Inflamed	MFSD4	protein_cc chr1	2.06E+08	2.06E+08	+	5570	1520.668	0	1.706772	0.332016	5.140633	1.38E-06	0.000109	0.036297
ENSG0000	mucosal h	Inflamed	RPS3AP40	pseudoger chr11	67693122	67693902	-	781	1.293556	0.692124	0.724934	0.14105	5.139572	1.39E-06	0.000109	0.036459
ENSG0000	mucosal h	Inflamed	IGHG1	IG_C_gene chr14	1.06E+08	1.06E+08	-	2762	647100.2	0	-2.58077	0.502282	-5.13809	1.40E-06	0.00011	0.036687
ENSG0000	mucosal h	Inflamed	CTA-384D1	lincRNA chr22	50981079	50981440	+	362	22.46778	0.050119	-1.38215	0.269038	-5.13737	1.40E-06	0.00011	0.036798
ENSG0000	mucosal h	Inflamed	CTSH	protein_cc chr15	79213400	79241916	-	5892	3696.647	0	-0.79594	0.154973	-5.13594	1.41E-06	0.00011	0.037019
ENSG0000	mucosal h	Inflamed	C19orf38	protein_cc chr19	10947251	10980466	+	1565	155.2983	0	-1.21686	0.236952	-5.13548	1.41E-06	0.00011	0.037091
ENSG0000	mucosal h	Inflamed	LCN15	protein_cc chr9	1.4E+08	1.4E+08	-	2887	28.99523	0.126492	1.533608	0.298683	5.134575	1.42E-06	0.00011	0.037232
ENSG0000	mucosal h	Inflamed	SERPINI1	protein_cc chr3	1.67E+08	1.68E+08	+	2418	103.3747	0.004773	-1.20692	0.235128	-5.13302	1.43E-06	0.00011	0.037476
ENSG0000	mucosal h	Inflamed	RP11-285C	lincRNA chr10	45432956	45451173	+	425	3.491647	0.486874	0.897497	0.174857	5.132734	1.43E-06	0.00011	0.037521

ENSG0000	mucosal h	Inflamed	SELP	protein_cc	chr1	1.7E+08	1.7E+08	-	3490	719.6229	0.002387	-1.83013	0.356617	-5.13193	1.43E-06	0.00011	0.037648
ENSG0000	mucosal h	Inflamed	ZDHHC11E	protein_cc	chr5	710475	767067	-	3789	150.8544	0.016706	1.657048	0.322972	5.130628	1.44E-06	0.00011	0.037854
ENSG0000	mucosal h	Inflamed	IGKV2-24	IG_V_gene	chr2	89475812	89476644	-	390	3608.019	0.002387	-1.86335	0.363208	-5.13025	1.44E-06	0.00011	0.037913
ENSG0000	mucosal h	Inflamed	RGS16	protein_cc	chr1	1.83E+08	1.83E+08	-	2427	281.432	0.002387	-1.43592	0.279894	-5.13021	1.44E-06	0.00011	0.03792
ENSG0000	mucosal h	Inflamed	CPXM1	protein_cc	chr20	2774715	2781283	-	2391	1272.024	0	-1.59832	0.31171	-5.12757	1.46E-06	0.000111	0.038343
ENSG0000	mucosal h	Inflamed	IFITM1	protein_cc	chr11	313506	315272	+	1080	3878.456	0	-0.9526	0.185781	-5.12756	1.46E-06	0.000111	0.038344
ENSG0000	mucosal h	Inflamed	IGKV3D-11	IG_V_gene	chr2	90211643	90212253	+	442	263.3604	0.002387	-1.65662	0.323357	-5.12317	1.49E-06	0.000113	0.039056
ENSG0000	mucosal h	Inflamed	RP11-296C	antisense	chr1	1.73E+08	1.73E+08	-	2282	43.57757	0.004773	0.981302	0.191721	5.118394	1.52E-06	0.000114	0.039846
ENSG0000	mucosal h	Inflamed	NFE2	protein_cc	chr12	54685895	54694905	-	2469	159.4487	0.011933	-2.1629	0.422802	-5.11564	1.53E-06	0.000115	0.040308
ENSG0000	mucosal h	Inflamed	CD180	protein_cc	chr5	66478103	66492627	-	3006	506.611	0	-1.32427	0.258961	-5.1138	1.55E-06	0.000115	0.04062
ENSG0000	mucosal h	Inflamed	PRRX2	protein_cc	chr9	1.32E+08	1.32E+08	+	1233	97.34845	0.002387	-1.39431	0.27267	-5.11356	1.55E-06	0.000115	0.040661
ENSG0000	mucosal h	Inflamed	RP11-351J	lincRNA	chr6	1.68E+08	1.68E+08	-	4569	6.579952	0.124105	0.945349	0.18488	5.113321	1.55E-06	0.000115	0.040702
ENSG0000	mucosal h	Inflamed	IGLV3-16	IG_V_gene	chr22	23089870	23090398	+	375	123.5752	0.009547	-1.81632	0.355248	-5.11283	1.55E-06	0.000115	0.040785
ENSG0000	mucosal h	Inflamed	ICAM3	protein_cc	chr19	10444452	10450499	-	2950	2064.184	0	-0.98911	0.193477	-5.11229	1.55E-06	0.000115	0.040878
ENSG0000	mucosal h	Inflamed	CCDC69	protein_cc	chr5	1.51E+08	1.51E+08	-	4993	3479.79	0	-1.031	0.201692	-5.11175	1.56E-06	0.000115	0.040971
ENSG0000	mucosal h	Inflamed	C6	protein_cc	chr5	41142336	41261540	-	4739	11.81384	0.162291	1.212451	0.237198	5.111561	1.56E-06	0.000115	0.041003
ENSG0000	mucosal h	Inflamed	MT1F	protein_cc	chr16	56691606	56694610	+	1889	546.494	0	1.294097	0.253183	5.111319	1.56E-06	0.000115	0.041044
ENSG0000	mucosal h	Inflamed	HOXD-AS1	antisense	chr2	1.77E+08	1.77E+08	-	4851	1647.928	0	1.004058	0.19647	5.110481	1.57E-06	0.000115	0.041188
ENSG0000	mucosal h	Inflamed	HLA-DOB	protein_cc	chr6	32780540	32784825	-	1858	252.2601	0	-1.3463	0.263514	-5.10902	1.58E-06	0.000115	0.04144
ENSG0000	mucosal h	Inflamed	FFAR2	protein_cc	chr19	35934809	35942669	+	2149	712.7422	0	-2.12578	0.416117	-5.10863	1.58E-06	0.000115	0.04151
ENSG0000	mucosal h	Inflamed	CYP1B1-AS	antisense	chr2	38302791	38408997	+	4138	18.33652	0.040573	1.048465	0.205301	5.106961	1.59E-06	0.000115	0.0418
ENSG0000	mucosal h	Inflamed	RP3-407E4	pseudoger	chr6	64104912	64107011	-	1548	1.968974	0.673031	0.9367	0.183431	5.106537	1.59E-06	0.000115	0.041874
ENSG0000	mucosal h	Inflamed	THR3	protein_cc	chr3	24158651	24536773	-	8709	458.2816	0.002387	1.421116	0.278295	5.106518	1.59E-06	0.000115	0.041877
ENSG0000	mucosal h	Inflamed	ZBTB32	protein_cc	chr19	36195429	36207940	+	2770	83.68974	0.004773	-1.49464	0.293384	-5.09447	1.68E-06	0.000121	0.044041
ENSG0000	mucosal h	Inflamed	LILRB2	protein_cc	chr19	54777675	54785039	-	3810	1210.205	0	-1.43236	0.281166	-5.09433	1.68E-06	0.000121	0.044067
ENSG0000	mucosal h	Inflamed	DEFB4A	protein_cc	chr8	7752151	7754233	+	380	94.69928	0.424821	-2.93618	0.57696	-5.08905	1.71E-06	0.000123	0.04505
ENSG0000	mucosal h	Inflamed	KYNU	protein_cc	chr2	1.44E+08	1.44E+08	+	3070	329.8353	0	-1.92806	0.379028	-5.08685	1.73E-06	0.000124	0.045465
ENSG0000	mucosal h	Inflamed	CTA-384D	lincRNA	chr22	50980734	50981335	-	602	22.01671	0.038186	-1.27313	0.250315	-5.08611	1.73E-06	0.000124	0.045606
ENSG0000	mucosal h	Inflamed	PREB	protein_cc	chr2	27353624	27357543	-	3221	3084.733	0	-0.43295	0.085169	-5.08343	1.75E-06	0.000125	0.046119
ENSG0000	mucosal h	Inflamed	TXNDC5	protein_cc	chr6	7881483	8026646	-	4701	977.0811	0	-0.98769	0.194313	-5.08298	1.76E-06	0.000125	0.046207
ENSG0000	mucosal h	Inflamed	AMACR	protein_cc	chr5	33986283	34008220	-	4845	264.0501	0	0.908839	0.178827	5.082228	1.76E-06	0.000125	0.046351
ENSG0000	mucosal h	Inflamed	MT-CO1	protein_cc	chrM	5904	7445	+	1542	1910545	0	0.671547	0.132181	5.08051	1.78E-06	0.000125	0.046685
ENSG0000	mucosal h	Inflamed	C1orf21	protein_cc	chr1	1.84E+08	1.85E+08	+	10971	2657.248	0	0.701267	0.138032	5.080461	1.78E-06	0.000125	0.046695
ENSG0000	mucosal h	Inflamed	PTPN7	protein_cc	chr1	2.02E+08	2.02E+08	-	5906	1321.575	0	-0.9951	0.195873	-5.08035	1.78E-06	0.000125	0.046716
ENSG0000	mucosal h	Inflamed	THY1	protein_cc	chr11	1.19E+08	1.19E+08	-	5923	3910.936	0	-1.37095	0.269892	-5.07963	1.78E-06	0.000125	0.046857
ENSG0000	mucosal h	Inflamed	LY6D	protein_cc	chr8	1.44E+08	1.44E+08	-	1553	75.7852	0.367542	-2.70342	0.53225	-5.07924	1.79E-06	0.000125	0.046934
ENSG0000	mucosal h	Inflamed	AP000344	pseudoger	chr22	23788785	23803020	+	795	26.05489	0.133652	1.431076	0.281788	5.078551	1.79E-06	0.000125	0.047068
ENSG0000	mucosal h	Inflamed	CTD-2033	antisense	chr15	39885781	39886432	-	281	7.589499	0.315036	1.422545	0.280193	5.077013	1.80E-06	0.000125	0.047371
ENSG0000	mucosal h	Inflamed	IGHV1-69	IG_V_gene	chr14	1.07E+08	1.07E+08	-	412	11575.36	0	-1.8377	0.36212	-5.07484	1.82E-06	0.000126	0.047804
ENSG0000	mucosal h	Inflamed	IL1B	protein_cc	chr2	1.14E+08	1.14E+08	-	3096	3775.084	0	-2.28952	0.451288	-5.07331	1.83E-06	0.000127	0.048109

ENSG0000	mucosal h	Inflamed	TMEM72	protein_cc	chr10	45406648	45432450	+	3157	479.7208	0.02864	2.514135	0.495685	5.072039	1.84E-06	0.000127	0.048364
ENSG0000	mucosal h	Inflamed	ALOX12B	protein_cc	chr17	7975954	7991021	-	2656	12.72792	0.081146	1.068545	0.210702	5.071364	1.84E-06	0.000127	0.0485
ENSG0000	mucosal h	Inflamed	TREML2	protein_cc	chr6	41158015	41168932	-	3302	216.315	0.00716	-2.00755	0.396409	-5.06433	1.90E-06	0.00013	0.049944
ENSG0000	mucosal h	Inflamed	AC006132	protein_cc	chr19	46144752	46146098	+	1235	47.68974	0.002387	-0.99695	0.196951	-5.06189	1.92E-06	0.000131	0.050453
ENSG0000	mucosal h	Inflamed	SEMA7A	protein_cc	chr15	74701630	74726808	-	4309	825.821	0	-1.23606	0.244427	-5.05696	1.96E-06	0.000134	0.051501
ENSG0000	mucosal h	Inflamed	MAPKAPK	protein_cc	chr1	2.07E+08	2.07E+08	+	4195	7827.566	0	-0.64211	0.126985	-5.05659	1.96E-06	0.000134	0.05158
ENSG0000	mucosal h	Inflamed	IGHV6-1	IG_V_gene	chr14	1.06E+08	1.06E+08	-	415	3655.678	0	-1.95185	0.386034	-5.05615	1.97E-06	0.000134	0.051673
ENSG0000	mucosal h	Inflamed	IGKV3D-15	IG_V_gene	chr2	90153696	90154258	+	394	1237.723	0.002387	-1.89699	0.375308	-5.05449	1.98E-06	0.000134	0.052032
ENSG0000	mucosal h	Inflamed	BEST2	protein_cc	chr19	12862516	12869272	+	2646	1466.463	0.011933	2.805078	0.555415	5.050414	2.01E-06	0.000136	0.052922
ENSG0000	mucosal h	Inflamed	RP11-467J	antisense	chr16	53069602	53086785	-	464	10.75418	0.124105	1.054873	0.208916	5.049255	2.02E-06	0.000136	0.053178
ENSG0000	mucosal h	Inflamed	CD68	protein_cc	chr17	7482785	7485429	+	2187	264.4391	0	-0.59166	0.11718	-5.04914	2.02E-06	0.000136	0.053204
ENSG0000	mucosal h	Inflamed	CD300E	protein_cc	chr17	72606026	72619897	-	3772	537.8711	0.011933	-2.54783	0.504719	-5.04802	2.03E-06	0.000136	0.053452
ENSG0000	mucosal h	Inflamed	FSIP1	protein_cc	chr15	39892232	40075031	-	2951	28.15752	0.019093	1.22059	0.241911	5.045616	2.05E-06	0.000137	0.053989
ENSG0000	mucosal h	Inflamed	ADPRHL1	protein_cc	chr13	1.14E+08	1.14E+08	-	2308	134.179	0	0.652458	0.129355	5.043948	2.07E-06	0.000137	0.054365
ENSG0000	mucosal h	Inflamed	SLC22A23	protein_cc	chr6	3269196	3457256	-	8898	5764.945	0	0.996508	0.197588	5.04336	2.07E-06	0.000137	0.054498
ENSG0000	mucosal h	Inflamed	LILRA2	protein_cc	chr19	55084387	55099027	+	2622	162.8401	0.004773	-1.79392	0.35573	-5.04293	2.08E-06	0.000137	0.054595
ENSG0000	mucosal h	Inflamed	IGKV1-17	IG_V_gene	chr2	89416833	89417335	-	378	8348.06	0	-1.96441	0.389568	-5.04255	2.08E-06	0.000137	0.054682
ENSG0000	mucosal h	Inflamed	FGR	protein_cc	chr1	27938575	27961788	-	3474	1172.723	0	-1.50384	0.298235	-5.04246	2.08E-06	0.000137	0.054701
ENSG0000	mucosal h	Inflamed	ROPN1	protein_cc	chr3	1.24E+08	1.24E+08	-	4395	4.167064	0.494033	0.925108	0.183543	5.04029	2.10E-06	0.000138	0.055198
ENSG0000	mucosal h	Inflamed	IGKV6D-21	IG_V_gene	chr2	90060377	90060995	+	409	393.3699	0.004773	-1.91097	0.37935	-5.0375	2.12E-06	0.000139	0.055842
ENSG0000	mucosal h	Inflamed	G0S2	protein_cc	chr1	2.1E+08	2.1E+08	+	866	1130.01	0	-2.20775	0.438303	-5.03704	2.13E-06	0.000139	0.055948
ENSG0000	mucosal h	Inflamed	ACOXL	protein_cc	chr2	1.11E+08	1.12E+08	+	5747	50.00955	0.004773	-1.29641	0.2574	-5.03657	2.13E-06	0.000139	0.056057
ENSG0000	mucosal h	Inflamed	S100A12	protein_cc	chr1	1.53E+08	1.53E+08	-	516	126.5871	0.24105	-2.7416	0.544397	-5.03603	2.14E-06	0.000139	0.056183
ENSG0000	mucosal h	Inflamed	WISP1	protein_cc	chr8	1.34E+08	1.34E+08	+	3844	516.3652	0.00716	-1.98693	0.394648	-5.03469	2.15E-06	0.00014	0.056497
ENSG0000	mucosal h	Inflamed	CXCL5	protein_cc	chr4	74861359	74864496	-	2538	1725.842	0.081146	-4.25502	0.845378	-5.03327	2.16E-06	0.00014	0.056831
ENSG0000	mucosal h	Inflamed	RP11-794C	lincRNA	chr11	61306988	61309731	-	1831	40.53938	0.0358	1.443125	0.286768	5.032372	2.17E-06	0.00014	0.057044
ENSG0000	mucosal h	Inflamed	IGLC7	IG_C_gene	chr22	23264766	23265203	+	438	3502.339	0	-1.82149	0.361973	-5.03212	2.17E-06	0.00014	0.057102
ENSG0000	mucosal h	Inflamed	C8orf47	protein_cc	chr8	99076539	99105838	+	1761	33.6969	0.031026	1.27974	0.254354	5.031324	2.18E-06	0.00014	0.057292
ENSG0000	mucosal h	Inflamed	CHRD12	protein_cc	chr11	74407474	74442430	-	3073	621.5513	0.011933	-2.5243	0.501995	-5.02853	2.20E-06	0.000142	0.05796
ENSG0000	mucosal h	Inflamed	LBP	protein_cc	chr20	36974759	37005665	+	1961	41.28401	0.231504	-2.44391	0.486591	-5.02251	2.26E-06	0.000145	0.059426
ENSG0000	mucosal h	Inflamed	MT-CYB	protein_cc	chrM	14747	15887	+	1141	582371.6	0	0.662227	0.131861	5.022168	2.26E-06	0.000145	0.059511
ENSG0000	mucosal h	Inflamed	OTOP2	protein_cc	chr17	72920370	72930007	+	2778	1512.286	0.02148	3.018433	0.601069	5.021773	2.27E-06	0.000145	0.059609
ENSG0000	mucosal h	Inflamed	CTDSPL	protein_cc	chr3	37903451	38025960	+	5796	2721.451	0	0.716778	0.142783	5.020042	2.28E-06	0.000145	0.060038
ENSG0000	mucosal h	Inflamed	LCN2	protein_cc	chr9	1.31E+08	1.31E+08	+	2057	31698.69	0	-2.03326	0.405046	-5.01983	2.29E-06	0.000145	0.060091
ENSG0000	mucosal h	Inflamed	RP11-284F	lincRNA	chr1	1.57E+08	1.57E+08	-	3222	128.9165	0.002387	0.990794	0.197522	5.01613	2.32E-06	0.000147	0.06102
ENSG0000	mucosal h	Inflamed	PLA2G7	protein_cc	chr6	46671938	46703430	-	2965	707.2053	0	-1.01875	0.203108	-5.01581	2.32E-06	0.000147	0.061101
ENSG0000	mucosal h	Inflamed	KIAA1683	protein_cc	chr19	18367908	18385319	-	9153	357.4773	0	1.106299	0.220627	5.014346	2.34E-06	0.000147	0.061473
ENSG0000	mucosal h	Inflamed	RP11-452I	pseudoger	chr14	52753515	52755986	+	1949	17.47494	0.138425	1.447635	0.288743	5.01358	2.35E-06	0.000148	0.061668
ENSG0000	mucosal h	Inflamed	ADGB	protein_cc	chr6	1.47E+08	1.47E+08	+	7773	7.463007	0.205251	1.005836	0.20066	5.012641	2.35E-06	0.000148	0.061909
ENSG0000	mucosal h	Inflamed	IGHV1-18	IG_V_gene	chr14	1.07E+08	1.07E+08	-	410	10762.1	0	-1.78944	0.357188	-5.00979	2.38E-06	0.000149	0.062644

ENSG0000	mucosal h	Inflamed	REG1B	protein_cc chr2	79312156	79315145	-	2384	3166.057	0.107399	-4.24208	0.847363	-5.00621	2.42E-06	0.00015	0.06358
ENSG0000	mucosal h	Inflamed	PLCD1	protein_cc chr3	38048987	38071253	-	4314	2238.666	0	0.905788	0.180944	5.005891	2.42E-06	0.00015	0.063664
ENSG0000	mucosal h	Inflamed	CDHR1	protein_cc chr10	85954410	85979377	+	6189	3671.399	0	2.551062	0.509619	5.00582	2.42E-06	0.00015	0.063683
ENSG0000	mucosal h	Inflamed	DRGX	protein_cc chr10	50572237	50603497	-	2776	23.3747	0.231504	1.979415	0.395437	5.005643	2.42E-06	0.00015	0.06373
ENSG0000	mucosal h	Inflamed	NEDD4L	protein_cc chr18	55711599	56068772	+	15717	4518.776	0	1.069717	0.213703	5.005624	2.42E-06	0.00015	0.063735
ENSG0000	mucosal h	Inflamed	NEB	protein_cc chr2	1.52E+08	1.53E+08	-	30567	23.30072	0.040573	-1.38153	0.276025	-5.00508	2.43E-06	0.00015	0.06388
ENSG0000	mucosal h	Inflamed	ETV7	protein_cc chr6	36322419	36356164	-	2369	439.21	0	-0.92124	0.184101	-5.004	2.44E-06	0.00015	0.064164
ENSG0000	mucosal h	Inflamed	IGLC2	IG_C_gene chr22	23243156	23243617	+	462	43261.93	0	-1.85053	0.369866	-5.00326	2.45E-06	0.00015	0.064361
ENSG0000	mucosal h	Inflamed	IGLV2-8	IG_V_gene chr22	23165153	23165787	+	520	22428.69	0	-1.69797	0.339421	-5.00255	2.46E-06	0.00015	0.064551
ENSG0000	mucosal h	Inflamed	RAB33A	protein_cc chrX	1.29E+08	1.29E+08	+	1258	31.72315	0	-0.93628	0.187217	-5.00104	2.47E-06	0.000151	0.064954
ENSG0000	mucosal h	Inflamed	PPARGC1A	protein_cc chr4	23756664	23905712	-	10511	583.7733	0	1.459478	0.291886	5.00016	2.48E-06	0.000151	0.065193
ENSG0000	mucosal h	Inflamed	BCL2A1	protein_cc chr15	80253231	80263788	-	1089	439.747	0.002387	-1.89783	0.379653	-4.99884	2.49E-06	0.000152	0.06555
ENSG0000	mucosal h	Inflamed	CKB	protein_cc chr14	1.04E+08	1.04E+08	-	2669	26282.63	0	1.854964	0.371111	4.998404	2.50E-06	0.000152	0.065668
ENSG0000	mucosal h	Inflamed	RIMS4	protein_cc chr20	43380449	43438979	-	5206	47.26014	0.140811	1.746168	0.349438	4.997079	2.51E-06	0.000152	0.066029
ENSG0000	mucosal h	Inflamed	ACAT1	protein_cc chr11	1.08E+08	1.08E+08	+	5584	1571.432	0	0.745065	0.149125	4.996253	2.52E-06	0.000152	0.066255
ENSG0000	mucosal h	Inflamed	IGKV2D-25	IG_V_gene chr2	89986322	89987079	+	390	1916.021	0	-1.88801	0.377975	-4.99506	2.53E-06	0.000153	0.066583
ENSG0000	mucosal h	Inflamed	PCED1B-A'	processed_chr12	47599681	47610239	-	3092	402.4391	0	-1.2377	0.248064	-4.98945	2.59E-06	0.000156	0.068145
ENSG0000	mucosal h	Inflamed	FCAR	protein_cc chr19	55385704	55401838	+	2366	97.68735	0.202864	-2.52864	0.506902	-4.98843	2.60E-06	0.000156	0.068434
ENSG0000	mucosal h	Inflamed	IL1RN	protein_cc chr2	1.14E+08	1.14E+08	+	3256	3354.305	0	-1.741	0.349087	-4.98729	2.62E-06	0.000157	0.068758
ENSG0000	mucosal h	Inflamed	DNAJB7	protein_cc chr22	41255553	41258130	-	2578	3.279236	0.501193	0.848485	0.170206	4.985052	2.64E-06	0.000158	0.069395
ENSG0000	mucosal h	Inflamed	CD27	protein_cc chr12	6554033	6560884	+	1410	1430.06	0	-1.33377	0.267568	-4.98481	2.64E-06	0.000158	0.069465
ENSG0000	mucosal h	Inflamed	KRT6A	protein_cc chr12	52880958	52887041	-	2928	442.5251	0.322196	-3.54105	0.711023	-4.98022	2.69E-06	0.00016	0.070794
ENSG0000	mucosal h	Inflamed	SLC16A9	protein_cc chr10	61410523	61495760	-	4425	992.8473	0	1.767333	0.354897	4.979844	2.70E-06	0.00016	0.070904
ENSG0000	mucosal h	Inflamed	LAMP5	protein_cc chr20	9495005	9511171	+	2042	97.63962	0	-1.17297	0.235606	-4.97851	2.71E-06	0.000161	0.071295
ENSG0000	mucosal h	Inflamed	RP11-625L	antisense chr12	24983355	24989492	+	451	7.696897	0.362768	-1.42827	0.286914	-4.97805	2.72E-06	0.000161	0.071432
ENSG0000	mucosal h	Inflamed	PCK1	protein_cc chr20	56136136	56141513	+	5164	4598.964	0	2.98135	0.599121	4.976209	2.74E-06	0.000161	0.071977
ENSG0000	mucosal h	Inflamed	EMR1	protein_cc chr19	6887577	6940470	+	3707	238.568	0	-1.27128	0.255604	-4.97364	2.77E-06	0.000163	0.072744
ENSG0000	mucosal h	Inflamed	IGLJ1	IG_J_gene chr22	23235872	23235998	+	127	6.570406	0.143198	-0.90618	0.182213	-4.97317	2.77E-06	0.000163	0.072885
ENSG0000	mucosal h	Inflamed	OLIG1	protein_cc chr21	34442450	34444726	+	2277	35.39618	0.0358	-1.54541	0.310878	-4.97112	2.80E-06	0.000164	0.073504
ENSG0000	mucosal h	Inflamed	RP11-356C	lincRNA chr14	38025363	38036300	-	532	40.26014	0.052506	1.32122	0.265852	4.969761	2.81E-06	0.000164	0.073917
ENSG0000	mucosal h	Inflamed	CD74	protein_cc chr5	1.5E+08	1.5E+08	-	3184	107875.7	0	-0.7849	0.157977	-4.96845	2.83E-06	0.000165	0.074318
ENSG0000	mucosal h	Inflamed	SRGN	protein_cc chr10	70847862	70864567	+	1220	3288.714	0	-1.29711	0.261367	-4.96278	2.89E-06	0.000168	0.076076
ENSG0000	mucosal h	Inflamed	KLK10	protein_cc chr19	51515995	51523431	-	3853	1661.446	0	-3.15481	0.636268	-4.95831	2.95E-06	0.000171	0.077491
ENSG0000	mucosal h	Inflamed	KCNN3	protein_cc chr1	1.55E+08	1.55E+08	-	13553	697.2053	0	-1.2157	0.245197	-4.95807	2.95E-06	0.000171	0.077568
ENSG0000	mucosal h	Inflamed	CHPF	protein_cc chr2	2.2E+08	2.2E+08	-	3354	4487.754	0	-0.65274	0.131677	-4.95717	2.96E-06	0.000171	0.077856
ENSG0000	mucosal h	Inflamed	IGKV2-26	IG_V_pseu chr2	89495584	89496317	-	343	31.88305	0.047733	-1.46494	0.295641	-4.95514	2.99E-06	0.000172	0.078509
ENSG0000	mucosal h	Inflamed	IGLV3-19	IG_V_gene chr22	23063108	23063630	+	377	8891.539	0	-1.74025	0.351232	-4.95471	2.99E-06	0.000172	0.078649
ENSG0000	mucosal h	Inflamed	COL23A1	protein_cc chr5	1.78E+08	1.78E+08	-	3878	398.6038	0	-1.09302	0.220699	-4.95253	3.02E-06	0.000173	0.079357
ENSG0000	mucosal h	Inflamed	IGHV1-24	IG_V_gene chr14	1.07E+08	1.07E+08	-	411	3828.16	0	-2.08671	0.421525	-4.95037	3.05E-06	0.000174	0.080066
ENSG0000	mucosal h	Inflamed	RP11-84C1	antisense chr14	21463996	21467322	-	1398	12.20048	0.360382	1.178079	0.238451	4.94054	3.17E-06	0.000181	0.08337

ENSG0000	mucosal h	Inflamed	CSF3R	protein_cc	chr1	36931644	36948879	-	8426	3825.513	0	-2.18439	0.442314	-4.93856	3.20E-06	0.000182	0.084053
ENSG0000	mucosal h	Inflamed	RP11-678C	lincRNA	chr19	21753624	21770124	-	1178	18.33174	0.176611	1.342122	0.27181	4.937717	3.21E-06	0.000183	0.084344
ENSG0000	mucosal h	Inflamed	SATB2	protein_cc	chr2	2E+08	2E+08	-	10958	4407.969	0	1.386551	0.280857	4.936861	3.22E-06	0.000183	0.084641
ENSG0000	mucosal h	Inflamed	TNFRSF10C	protein_cc	chr8	22941868	22974950	+	2625	448.0119	0	-1.90619	0.386355	-4.93378	3.26E-06	0.000185	0.085719
ENSG0000	mucosal h	Inflamed	THNSL2	protein_cc	chr2	88469835	88486146	+	6401	662.4368	0	0.717837	0.145524	4.932763	3.27E-06	0.000185	0.086078
ENSG0000	mucosal h	Inflamed	TNIP3	protein_cc	chr4	1.22E+08	1.22E+08	-	3768	588.3986	0.00716	-2.68684	0.544789	-4.93189	3.29E-06	0.000185	0.086389
ENSG0000	mucosal h	Inflamed	ICAM4	protein_cc	chr19	10397643	10399198	+	1427	66.53461	0	-1.14827	0.232862	-4.93113	3.30E-06	0.000185	0.086657
ENSG0000	mucosal h	Inflamed	RP11-13K1	lincRNA	chr17	75543022	75559325	+	5079	52.59427	0.0358	1.709862	0.346756	4.931017	3.30E-06	0.000185	0.086698
ENSG0000	mucosal h	Inflamed	IGKV2-18	IG_V_pseu	chr2	89428207	89428966	-	343	4.498807	0.391408	-1.2468	0.252851	-4.93096	3.30E-06	0.000185	0.086718
ENSG0000	mucosal h	Inflamed	PDK2	protein_cc	chr17	48172101	48189516	+	5481	1912.814	0	0.718179	0.145657	4.930623	3.30E-06	0.000185	0.086839
ENSG0000	mucosal h	Inflamed	RP5-1091I	antisense	chrX	70403409	70418025	-	726	25.12411	0.011933	-0.90278	0.183108	-4.93032	3.31E-06	0.000185	0.086945
ENSG0000	mucosal h	Inflamed	RNU6-140	snRNA	chr19	39287642	39287749	-	108	9.083532	0.190931	1.123515	0.227903	4.929783	3.31E-06	0.000185	0.087139
ENSG0000	mucosal h	Inflamed	RP11-266E	lincRNA	chr12	1.06E+08	1.06E+08	+	2586	6.735084	0.403341	1.354518	0.274884	4.927592	3.34E-06	0.000186	0.087926
ENSG0000	mucosal h	Inflamed	MT1X	protein_cc	chr16	56716336	56718108	+	1773	563.4368	0	1.035082	0.210309	4.921731	3.43E-06	0.00019	0.090067
ENSG0000	mucosal h	Inflamed	CWH43	protein_cc	chr4	48988264	49064098	+	3138	625.0095	0.019093	2.348965	0.477268	4.921693	3.43E-06	0.00019	0.090081
ENSG0000	mucosal h	Inflamed	AC005152	processed	chr17	70033455	70217977	-	8450	27.60621	0.026253	1.141387	0.231961	4.920605	3.44E-06	0.00019	0.090484
ENSG0000	mucosal h	Inflamed	SELPLG	protein_cc	chr12	1.09E+08	1.09E+08	-	2843	1796.453	0	-1.12594	0.228832	-4.92038	3.44E-06	0.00019	0.090568
ENSG0000	mucosal h	Inflamed	IL17A	protein_cc	chr6	52051185	52055436	+	1859	51.1432	0.143198	-1.86211	0.378466	-4.92014	3.45E-06	0.00019	0.090657
ENSG0000	mucosal h	Inflamed	IGKV1D-33	IG_V_gene	chr2	89952792	89953355	+	440	326.4558	0	-1.62732	0.330787	-4.91954	3.46E-06	0.00019	0.09088
ENSG0000	mucosal h	Inflamed	SCGB2A1	protein_cc	chr11	61976140	61981408	+	518	62.34368	0.023866	1.626497	0.330675	4.918722	3.47E-06	0.00019	0.091186
ENSG0000	mucosal h	Inflamed	ZC3H12A	protein_cc	chr1	37940153	37949980	+	3117	4171.401	0	-0.97248	0.197711	-4.91871	3.47E-06	0.00019	0.091191
ENSG0000	mucosal h	Inflamed	RP5-875H	antisense	chr17	48178068	48179284	-	430	7.866348	0.334129	1.138402	0.231502	4.917459	3.49E-06	0.00019	0.09166
ENSG0000	mucosal h	Inflamed	DOK3	protein_cc	chr5	1.77E+08	1.77E+08	-	4821	1724.079	0	-1.21296	0.246678	-4.9172	3.49E-06	0.00019	0.091758
ENSG0000	mucosal h	Inflamed	DOK2	protein_cc	chr8	21766384	21771371	-	2211	823.8043	0	-0.83408	0.169706	-4.91488	3.52E-06	0.000191	0.092632
ENSG0000	mucosal h	Inflamed	CD79A	protein_cc	chr19	42381190	42385439	+	1503	4882.124	0	-1.56536	0.318594	-4.91333	3.55E-06	0.000192	0.093224
ENSG0000	mucosal h	Inflamed	CR1	protein_cc	chr1	2.08E+08	2.08E+08	+	12164	568.1265	0	-1.60001	0.325964	-4.90854	3.62E-06	0.000195	0.095072
ENSG0000	mucosal h	Inflamed	KRT80	protein_cc	chr12	52562780	52585784	-	4350	142.3675	0.009547	-1.84043	0.374966	-4.90827	3.62E-06	0.000195	0.095179
ENSG0000	mucosal h	Inflamed	C9orf40	protein_cc	chr9	77561497	77567802	-	2327	474.9809	0	0.562736	0.114674	4.907261	3.64E-06	0.000196	0.095573
ENSG0000	mucosal h	Inflamed	NCF4	protein_cc	chr22	37257030	37274057	+	1759	1365.578	0	-0.84381	0.172025	-4.90514	3.67E-06	0.000196	0.096407
ENSG0000	mucosal h	Inflamed	MT-TF	Mt_tRNA	chrM	577	647	+	71	278.9666	0	1.254955	0.255905	4.903991	3.68E-06	0.000196	0.096862
ENSG0000	mucosal h	Inflamed	FAM163B	protein_cc	chr9	1.36E+08	1.36E+08	-	811	14.49165	0.357995	1.742911	0.355439	4.903549	3.69E-06	0.000196	0.097037
ENSG0000	mucosal h	Inflamed	PROC	protein_cc	chr2	1.28E+08	1.28E+08	+	2495	32.54415	0.011933	1.001806	0.204307	4.903429	3.69E-06	0.000196	0.097085
ENSG0000	mucosal h	Inflamed	PANX2	protein_cc	chr22	50609160	50618723	+	3102	44.45585	0.042959	-1.63063	0.332552	-4.90338	3.69E-06	0.000196	0.097106
ENSG0000	mucosal h	Inflamed	RND1	protein_cc	chr12	49250928	49259681	-	3099	411.1241	0.002387	-1.24658	0.254239	-4.90317	3.70E-06	0.000196	0.097188
ENSG0000	mucosal h	Inflamed	CA1	protein_cc	chr8	86239837	86291243	-	4068	13359.33	0.004773	3.159717	0.644425	4.903159	3.70E-06	0.000196	0.097192
ENSG0000	mucosal h	Inflamed	PI3	protein_cc	chr20	43803517	43805185	+	577	16065.03	0	-1.9735	0.402536	-4.90267	3.70E-06	0.000196	0.097387
ENSG0000	mucosal h	Inflamed	CD53	protein_cc	chr1	1.11E+08	1.11E+08	+	2081	2379.532	0	-1.04453	0.213062	-4.90247	3.71E-06	0.000196	0.097465
ENSG0000	mucosal h	Inflamed	BASP1	protein_cc	chr5	17065707	17276943	+	2133	1786.964	0	-1.40207	0.286002	-4.90232	3.71E-06	0.000196	0.097526
ENSG0000	mucosal h	Inflamed	C1QTNF1-1	protein_cc	chr17	77015291	77023737	-	966	7.563246	0.307876	1.134024	0.231357	4.901618	3.72E-06	0.000196	0.097807
ENSG0000	mucosal h	Inflamed	CD72	protein_cc	chr9	35609530	35646807	-	3374	322.3031	0	-1.26631	0.258375	-4.90104	3.73E-06	0.000196	0.098038

ENSG0000	mucosal h	Inflamed	TMEM163	protein_cc	chr2	1.35E+08	1.35E+08	-	6804	173.3461	0.011933	-1.87529	0.382713	-4.9	3.75E-06	0.000197	0.098459
ENSG0000	mucosal h	Inflamed	RP11-567C	lincRNA	chr12	90501516	90506556	+	926	12.21002	0.174224	1.329019	0.271575	4.893751	3.84E-06	0.000201	0.101008
ENSG0000	mucosal h	Inflamed	MAD2L2	protein_cc	chr1	11734537	11751707	-	3324	449.9475	0	-0.80186	0.163949	-4.89089	3.89E-06	0.000203	0.102196
ENSG0000	mucosal h	Inflamed	MYL5	protein_cc	chr4	667369	675822	+	4305	362.1337	0	0.633497	0.129564	4.889451	3.91E-06	0.000204	0.1028
ENSG0000	mucosal h	Inflamed	SSTR3	protein_cc	chr22	37600278	37608362	-	4520	59.72554	0.002387	-1.35147	0.27643	-4.88901	3.92E-06	0.000204	0.102986
ENSG0000	mucosal h	Inflamed	IGHV3-74	IG_V_gene	chr14	1.07E+08	1.07E+08	-	587	8907.32	0	-1.67007	0.341667	-4.88802	3.93E-06	0.000204	0.103404
ENSG0000	mucosal h	Inflamed	HSBP1L1	protein_cc	chr18	77724561	77730822	+	2056	898.315	0	0.732251	0.149846	4.8867	3.95E-06	0.000205	0.103963
ENSG0000	mucosal h	Inflamed	RP11-855C	lincRNA	chr11	61355966	61375022	+	2349	13.65155	0.169451	1.476939	0.302355	4.884783	3.99E-06	0.000206	0.10478
ENSG0000	mucosal h	Inflamed	CCDC163P	protein_cc	chr1	45959538	45965751	-	2757	157.2315	0	-0.8722	0.178579	-4.88411	4.00E-06	0.000206	0.105071
ENSG0000	mucosal h	Inflamed	LRRN2	protein_cc	chr1	2.05E+08	2.05E+08	-	5681	610.3294	0	1.584861	0.324755	4.880176	4.06E-06	0.000209	0.106771
ENSG0000	mucosal h	Inflamed	IGLVI-70	IG_V_pseu	chr22	22380474	22380991	+	390	215.6516	0.02148	-1.77136	0.363623	-4.87143	4.21E-06	0.000217	0.110652
ENSG0000	mucosal h	Inflamed	SDF2L1	protein_cc	chr22	21996550	21998587	+	1099	1467.002	0	-0.7317	0.150246	-4.87006	4.23E-06	0.000217	0.111273
ENSG0000	mucosal h	Inflamed	LAG3	protein_cc	chr12	6881678	6887621	+	3056	565.4916	0	-1.08967	0.223788	-4.86919	4.25E-06	0.000218	0.111669
ENSG0000	mucosal h	Inflamed	TRIM55	protein_cc	chr8	67039131	67087720	+	3079	9.477327	0.133652	-1.2873	0.264465	-4.86757	4.28E-06	0.000219	0.112409
ENSG0000	mucosal h	Inflamed	ARHGDI8	protein_cc	chr12	15094951	15114662	-	2102	4927.458	0	-0.90075	0.185203	-4.86356	4.35E-06	0.000222	0.114264
ENSG0000	mucosal h	Inflamed	CHST12	protein_cc	chr7	2443223	2474242	+	2211	678.0048	0	-0.69891	0.143726	-4.86277	4.36E-06	0.000222	0.114631
ENSG0000	mucosal h	Inflamed	VSTM1	protein_cc	chr19	54544079	54567207	-	1238	27.05728	0.052506	-1.4511	0.298677	-4.85841	4.44E-06	0.000226	0.116688
ENSG0000	mucosal h	Inflamed	ZDHHC8P1	pseudoger	chr22	23732793	23744913	-	3269	68.44391	0.01432	1.508917	0.310808	4.854821	4.50E-06	0.000229	0.118405
ENSG0000	mucosal h	Inflamed	IGLV2-23	IG_V_gene	chr22	23040274	23040892	+	502	16239.5	0	-1.72507	0.355405	-4.8538	4.52E-06	0.000229	0.118899
ENSG0000	mucosal h	Inflamed	IGKV1OR2	IG_V_gene	chr2	1.14E+08	1.14E+08	+	390	47.05251	0.038186	-1.65441	0.340865	-4.85358	4.53E-06	0.000229	0.119006
ENSG0000	mucosal h	Inflamed	VWA5B1	protein_cc	chr1	20617412	20681387	+	6377	12.77804	0.212411	1.191749	0.245616	4.852079	4.55E-06	0.00023	0.119735
ENSG0000	mucosal h	Inflamed	NLRP7	protein_cc	chr19	55434877	55477680	-	3914	52.89976	0.004773	-1.48385	0.305863	-4.85135	4.57E-06	0.00023	0.12009
ENSG0000	mucosal h	Inflamed	RP13-314C	antisense	chrX	23791109	23801073	-	672	6.143198	0.212411	-1.01442	0.209137	-4.85053	4.58E-06	0.00023	0.120495
ENSG0000	mucosal h	Inflamed	ENTPD5	protein_cc	chr14	74424713	74486102	-	10379	7916.606	0	1.329605	0.274157	4.849792	4.60E-06	0.00023	0.120855
ENSG0000	mucosal h	Inflamed	STOM	protein_cc	chr9	1.24E+08	1.24E+08	-	3188	5881.737	0	-0.91133	0.187915	-4.84971	4.60E-06	0.00023	0.120893
ENSG0000	mucosal h	Inflamed	CTD-2132I	sense_intr	chr17	40192731	40195135	-	761	23.76611	0.038186	1.100838	0.227072	4.847972	4.63E-06	0.000231	0.121754
ENSG0000	mucosal h	Inflamed	FAM83A	protein_cc	chr8	1.24E+08	1.24E+08	+	6312	278.8091	0.016706	-1.88879	0.38986	-4.84479	4.69E-06	0.000234	0.123339
ENSG0000	mucosal h	Inflamed	DUOX2	protein_cc	chr15	45384848	45406542	-	9834	52840.97	0	-2.31247	0.477617	-4.84167	4.75E-06	0.000237	0.124914
ENSG0000	mucosal h	Inflamed	GPR125	protein_cc	chr4	22346694	22517677	-	9241	1957.649	0	0.85481	0.176572	4.841148	4.76E-06	0.000237	0.125182
ENSG0000	mucosal h	Inflamed	NTRK2	protein_cc	chr9	87283466	87638505	+	16968	400.6921	0.011933	2.135152	0.441311	4.838201	4.82E-06	0.000239	0.126691
ENSG0000	mucosal h	Inflamed	NCF1	protein_cc	chr7	74188309	74203659	+	3462	712.105	0	-1.14848	0.237486	-4.83599	4.86E-06	0.00024	0.127835
ENSG0000	mucosal h	Inflamed	APOBEC3F	protein_cc	chr22	39436609	39449915	+	3242	225.4033	0	-0.74302	0.153656	-4.83559	4.87E-06	0.00024	0.128044
ENSG0000	mucosal h	Inflamed	IGKV1D-1E	IG_V_gene	chr2	90139078	90139580	+	378	825.9021	0.002387	-1.79798	0.37184	-4.83536	4.87E-06	0.00024	0.12816
ENSG0000	mucosal h	Inflamed	TSHR	protein_cc	chr14	81421333	81612646	+	5519	40.24582	0.01432	-1.27463	0.263612	-4.83525	4.88E-06	0.00024	0.128219
ENSG0000	mucosal h	Inflamed	THEMIS2	protein_cc	chr1	28199055	28213196	+	4620	2307.726	0	-1.05895	0.219098	-4.83323	4.92E-06	0.000241	0.129279
ENSG0000	mucosal h	Inflamed	HLA-DRA	protein_cc	chr6	32407619	32412823	+	1280	23569.27	0	-0.86123	0.178198	-4.83302	4.92E-06	0.000241	0.129387
ENSG0000	mucosal h	Inflamed	MMP12	processed	chr11	1.03E+08	1.03E+08	-	1879	3511.969	0	-1.64236	0.339888	-4.83207	4.94E-06	0.000242	0.129887
ENSG0000	mucosal h	Inflamed	IGLV1-50	IG_V_gene	chr22	22681658	22682172	+	405	23.31026	0.038186	-1.52911	0.316485	-4.83156	4.95E-06	0.000242	0.130159
ENSG0000	mucosal h	Inflamed	RIMKLA	protein_cc	chr1	42846466	42888249	+	8981	735.8401	0	1.337811	0.276904	4.831322	4.96E-06	0.000242	0.130283
ENSG0000	mucosal h	Inflamed	HEY2	protein_cc	chr6	1.26E+08	1.26E+08	+	2741	56.81146	0.004773	-0.99498	0.206116	-4.82729	5.04E-06	0.000245	0.132432

ENSG0000	mucosal h	Inflamed	WARS	protein_cc	chr14	1.01E+08	1.01E+08	-	6358	13094.11	0	-0.97771	0.20263	-4.82511	5.08E-06	0.000247	0.133611
ENSG0000	mucosal h	Inflamed	IGHV5-51	IG_V_gene	chr14	1.07E+08	1.07E+08	-	410	11849.12	0	-1.57637	0.326715	-4.82492	5.09E-06	0.000247	0.133713
ENSG0000	mucosal h	Inflamed	MAOA	protein_cc	chrX	43515467	43606068	+	4213	7999.68	0	1.261676	0.261598	4.822961	5.13E-06	0.000248	0.134781
ENSG0000	mucosal h	Inflamed	CCM2	protein_cc	chr7	45039074	45116068	+	8196	2144.086	0	-0.39311	0.081515	-4.82258	5.13E-06	0.000248	0.13499
ENSG0000	mucosal h	Inflamed	IGKV1D-8	IG_V_gene	chr2	90259593	90260248	+	532	108.8425	0.011933	-1.73571	0.359961	-4.82195	5.15E-06	0.000248	0.135336
ENSG0000	mucosal h	Inflamed	USP30	protein_cc	chr12	1.09E+08	1.1E+08	+	5135	771.4726	0	0.635374	0.131813	4.820287	5.18E-06	0.00025	0.136252
ENSG0000	mucosal h	Inflamed	RP11-120k	lincRNA	chr13	1.14E+08	1.14E+08	-	1297	32.32458	0.02864	1.159604	0.240593	4.819778	5.19E-06	0.00025	0.136534
ENSG0000	mucosal h	Inflamed	IGKV1D-27	IG_V_pseu	chr2	90007677	90008154	+	354	261.7733	0.002387	-1.7033	0.353467	-4.81884	5.21E-06	0.00025	0.137052
ENSG0000	mucosal h	Inflamed	BGN	protein_cc	chrX	1.53E+08	1.53E+08	+	2453	4698.866	0	-1.53689	0.319034	-4.81732	5.25E-06	0.000251	0.137903
ENSG0000	mucosal h	Inflamed	NEURL	protein_cc	chr10	1.05E+08	1.05E+08	+	4961	1625.189	0	1.29537	0.269023	4.815082	5.29E-06	0.000253	0.139159
ENSG0000	mucosal h	Inflamed	STRIP2	protein_cc	chr7	1.29E+08	1.29E+08	+	5876	388.9857	0.002387	-1.51241	0.31416	-4.81415	5.31E-06	0.000254	0.139688
ENSG0000	mucosal h	Inflamed	IGHV1OR1	IG_V_gene	chr15	22448382	22448819	-	353	131.7255	0	-1.31195	0.272665	-4.81158	5.37E-06	0.000256	0.14115
ENSG0000	mucosal h	Inflamed	RP4-6591l	pseudoger	chr1	2.33E+08	2.33E+08	+	784	6.307876	0.415274	0.969035	0.20141	4.811265	5.38E-06	0.000256	0.141329
ENSG0000	mucosal h	Inflamed	IGKV1-8	IG_V_gene	chr2	89291928	89292450	-	398	498.9905	0.002387	-1.91659	0.398674	-4.80743	5.46E-06	0.000259	0.143545
ENSG0000	mucosal h	Inflamed	DIO3OS	lincRNA	chr14	1.02E+08	1.02E+08	-	5603	412.179	0	1.155478	0.240526	4.803964	5.54E-06	0.000262	0.145572
ENSG0000	mucosal h	Inflamed	RP11-545f	pseudoger	chr1	1.8E+08	1.8E+08	+	2471	8.844869	0.116945	0.955915	0.199234	4.797958	5.67E-06	0.000268	0.149155
ENSG0000	mucosal h	Inflamed	CTD-2306f	lincRNA	chr5	66475441	66476415	-	975	31.23389	0.01432	-1.09439	0.228123	-4.79738	5.69E-06	0.000268	0.149504
ENSG0000	mucosal h	Inflamed	KRT7	protein_cc	chr12	52626304	52645970	+	4093	423.9618	0.002387	-2.22748	0.464376	-4.79673	5.70E-06	0.000269	0.1499
ENSG0000	mucosal h	Inflamed	FOSL1	protein_cc	chr11	65659520	65668044	-	1887	335.6181	0.011933	-1.95897	0.408635	-4.79392	5.77E-06	0.000271	0.15161
ENSG0000	mucosal h	Inflamed	C1R	protein_cc	chr12	7187513	7245203	-	4696	7865.148	0	-1.08894	0.227155	-4.7938	5.77E-06	0.000271	0.151687
ENSG0000	mucosal h	Inflamed	TAS1R3	protein_cc	chr1	1266694	1270686	+	3433	382.4224	0	-1.4436	0.301355	-4.79037	5.85E-06	0.000273	0.153806
ENSG0000	mucosal h	Inflamed	NCF2	protein_cc	chr1	1.84E+08	1.84E+08	-	2928	1259.494	0	-1.29265	0.269856	-4.79014	5.86E-06	0.000273	0.153949
ENSG0000	mucosal h	Inflamed	IDO1	protein_cc	chr8	39759794	39785963	+	3261	1476.635	0	-2.22813	0.465178	-4.78984	5.86E-06	0.000273	0.154136
ENSG0000	mucosal h	Inflamed	AGT	protein_cc	chr1	2.31E+08	2.31E+08	-	2291	1061.215	0	-1.40115	0.292536	-4.78966	5.87E-06	0.000273	0.154248
ENSG0000	mucosal h	Inflamed	GPR84	protein_cc	chr12	54756229	54758271	-	2043	132.6778	0.002387	-1.8616	0.388832	-4.78769	5.91E-06	0.000275	0.155481
ENSG0000	mucosal h	Inflamed	TRIM69	protein_cc	chr15	45021186	45060027	+	9237	1773.785	0	-0.66928	0.139793	-4.78765	5.92E-06	0.000275	0.155506
ENSG0000	mucosal h	Inflamed	IGHA1	IG_C_gene	chr14	1.06E+08	1.06E+08	-	1110	767809.4	0	-1.40682	0.294037	-4.78449	5.99E-06	0.000277	0.157502
ENSG0000	mucosal h	Inflamed	TMEM63C	protein_cc	chr14	77582911	77725838	+	6363	386.6134	0.004773	1.424266	0.29771	4.784066	6.00E-06	0.000277	0.157774
ENSG0000	mucosal h	Inflamed	FAM3B	protein_cc	chr21	42676139	42729358	+	3599	409.7375	0.038186	-2.24917	0.470157	-4.78387	6.01E-06	0.000277	0.157899
ENSG0000	mucosal h	Inflamed	SLC26A6	protein_cc	chr3	48663156	48672926	-	6373	3176.695	0	0.636862	0.13313	4.783748	6.01E-06	0.000277	0.157977
ENSG0000	mucosal h	Inflamed	EHD3	protein_cc	chr2	31456880	31492313	+	4959	729.7136	0	-1.05072	0.219762	-4.7812	6.07E-06	0.00028	0.159614
ENSG0000	mucosal h	Inflamed	ENDOD1	protein_cc	chr11	94822974	94865809	+	4687	3218.8	0	1.035343	0.216677	4.778289	6.14E-06	0.000282	0.161499
ENSG0000	mucosal h	Inflamed	RP3-4770c	antisense	chr20	34064028	34078808	-	839	25.50358	0.002387	-0.91965	0.19248	-4.77789	6.15E-06	0.000282	0.161762
ENSG0000	mucosal h	Inflamed	AC073283	lincRNA	chr2	47419544	47572213	-	3552	60.63723	0.004773	1.034461	0.216519	4.777684	6.16E-06	0.000282	0.161894
ENSG0000	mucosal h	Inflamed	SASH3	protein_cc	chrX	1.29E+08	1.29E+08	+	2711	2292.246	0	-0.94617	0.198104	-4.7761	6.20E-06	0.000283	0.16293
ENSG0000	mucosal h	Inflamed	SLC13A2	protein_cc	chr17	26800311	26824799	+	3226	577.8687	0.0358	2.58657	0.541649	4.775366	6.22E-06	0.000284	0.163416
ENSG0000	mucosal h	Inflamed	VIPR1	protein_cc	chr3	42530791	42579059	+	7378	4176.878	0	1.521193	0.318825	4.771245	6.32E-06	0.000288	0.166156
ENSG0000	mucosal h	Inflamed	CACNG6	protein_cc	chr19	54495542	54515923	+	1853	7.78043	0.188544	-1.12565	0.235988	-4.76994	6.35E-06	0.000289	0.167036
ENSG0000	mucosal h	Inflamed	CTB-61M7	lincRNA	chr19	55402039	55402786	+	748	32.65632	0.312649	-2.08815	0.437801	-4.76963	6.36E-06	0.000289	0.167242
ENSG0000	mucosal h	Inflamed	PPIAP30	pseudoger	chr10	15196801	15197319	-	519	1.336516	0.656325	0.5107	0.107079	4.76938	6.37E-06	0.000289	0.167411

ENSG0000	mucosal h	Inflamed	EXPH5	protein_cc	chr11	1.08E+08	1.08E+08	-	10843	616.2243	0.002387	1.840133	0.385956	4.76773	6.41E-06	0.00029	0.168529
ENSG0000	mucosal h	Inflamed	HEPACAM	protein_cc	chr7	92817899	92855837	-	2483	1672.499	0.002387	1.820516	0.382123	4.764214	6.50E-06	0.000294	0.170935
ENSG0000	mucosal h	Inflamed	DDIT4	protein_cc	chr10	74033678	74035794	+	2058	2590.625	0	-0.82816	0.173854	-4.76353	6.52E-06	0.000294	0.171408
ENSG0000	mucosal h	Inflamed	IL23A	protein_cc	chr12	56732663	56734193	+	1041	58.35322	0.019093	-1.68098	0.352984	-4.76219	6.56E-06	0.000295	0.172339
ENSG0000	mucosal h	Inflamed	PCED1B	protein_cc	chr12	47473386	47630443	+	2616	428.3938	0	-1.01223	0.212608	-4.76101	6.59E-06	0.000296	0.173158
ENSG0000	mucosal h	Inflamed	CAMK2N1	protein_cc	chr1	20808884	20812713	-	2615	5970.329	0	0.885999	0.18613	4.760108	6.61E-06	0.000297	0.173787
ENSG0000	mucosal h	Inflamed	RP11-689E	antisense	chr12	1.09E+08	1.09E+08	+	859	31.35322	0.02864	-1.30397	0.274128	-4.75679	6.70E-06	0.0003	0.176124
ENSG0000	mucosal h	Inflamed	CTB-43E15	lincRNA	chr5	1.73E+08	1.73E+08	-	2815	41.52029	0.085919	-1.77652	0.373493	-4.75651	6.71E-06	0.0003	0.176328
ENSG0000	mucosal h	Inflamed	FOXP3	protein_cc	chrX	49106897	49121288	-	2578	275.9093	0.002387	-1.31192	0.275878	-4.75542	6.74E-06	0.000301	0.177104
ENSG0000	mucosal h	Inflamed	CD79B	protein_cc	chr17	62006100	62009714	-	2080	637.7757	0.002387	-1.59762	0.336082	-4.75367	6.78E-06	0.000302	0.178354
ENSG0000	mucosal h	Inflamed	SLAMF8	protein_cc	chr1	1.6E+08	1.6E+08	+	2996	1442.093	0	-0.87849	0.18481	-4.75349	6.79E-06	0.000302	0.178481
ENSG0000	mucosal h	Inflamed	ZBED2	protein_cc	chr3	1.11E+08	1.11E+08	-	2311	41.57757	0.136038	-1.76859	0.372239	-4.75123	6.85E-06	0.000304	0.180116
ENSG0000	mucosal h	Inflamed	FAM20A	protein_cc	chr17	66531254	66597530	-	6203	504.2124	0	-1.45498	0.306242	-4.75107	6.86E-06	0.000304	0.18023
ENSG0000	mucosal h	Inflamed	POU2F2	protein_cc	chr19	42590263	42700737	-	8899	1511.888	0	-1.31331	0.276497	-4.74979	6.89E-06	0.000305	0.181157
ENSG0000	mucosal h	Inflamed	CXCL2	protein_cc	chr4	74962752	74965010	-	1500	829.9189	0.002387	-1.72949	0.364156	-4.74932	6.90E-06	0.000305	0.181504
ENSG0000	mucosal h	Inflamed	IGHV3-30	IG_V_gene	chr14	1.07E+08	1.07E+08	-	431	9577.516	0	-1.76819	0.372391	-4.7482	6.93E-06	0.000306	0.18232
ENSG0000	mucosal h	Inflamed	SATB2-AS1	antisense	chr2	2E+08	2E+08	+	4470	828.9427	0.004773	2.130254	0.44873	4.747299	6.96E-06	0.000307	0.182985
ENSG0000	mucosal h	Inflamed	ARHGAP3	protein_cc	chrX	1.3E+08	1.3E+08	+	3173	3.658711	0.498807	0.8695	0.183219	4.745682	7.01E-06	0.000308	0.184179
ENSG0000	mucosal h	Inflamed	CDC42EP2	protein_cc	chr11	65082289	65089900	+	2452	1030.389	0	-0.80363	0.169364	-4.74501	7.02E-06	0.000308	0.184674
ENSG0000	mucosal h	Inflamed	LMO2	protein_cc	chr11	33880122	33913836	-	3109	576.3365	0	-0.84703	0.178722	-4.73938	7.19E-06	0.000315	0.188907
ENSG0000	mucosal h	Inflamed	RP11-77E1	lincRNA	chr9	7786105	7786688	-	584	3.968974	0.25537	0.77551	0.163642	4.739051	7.19E-06	0.000315	0.189156
ENSG0000	mucosal h	Inflamed	SPNS3	protein_cc	chr17	4336983	4391503	+	2684	70.57518	0	-0.76109	0.160608	-4.73881	7.20E-06	0.000315	0.189337
ENSG0000	mucosal h	Inflamed	IL26	protein_cc	chr12	68595131	68619601	-	1075	9.575179	0.23389	-1.16012	0.244842	-4.73823	7.22E-06	0.000315	0.189778
ENSG0000	mucosal h	Inflamed	MBNL1-AS	antisense	chr3	1.52E+08	1.52E+08	-	6585	188.9236	0	0.606174	0.12794	4.737968	7.23E-06	0.000315	0.189981
ENSG0000	mucosal h	Inflamed	SIGLEC10	protein_cc	chr19	51913275	51921057	-	3667	1314.695	0	-0.87872	0.185502	-4.73699	7.25E-06	0.000315	0.190729
ENSG0000	mucosal h	Inflamed	KSR2	protein_cc	chr12	1.18E+08	1.18E+08	-	18298	198.9117	0.002387	1.386504	0.292783	4.735602	7.30E-06	0.000316	0.191796
ENSG0000	mucosal h	Inflamed	LAX1	protein_cc	chr1	2.04E+08	2.04E+08	+	3198	962.6539	0	-1.53624	0.324422	-4.73532	7.30E-06	0.000316	0.192011
ENSG0000	mucosal h	Inflamed	CCL4	protein_cc	chr17	34430983	34433014	+	2032	449.0811	0	-1.50198	0.317225	-4.73474	7.32E-06	0.000317	0.192463
ENSG0000	mucosal h	Inflamed	IGLV1-41	IG_V_pseu	chr22	22758539	22759053	+	406	103.642	0.064439	-1.65019	0.348598	-4.73381	7.35E-06	0.000317	0.193181
ENSG0000	mucosal h	Inflamed	HES5	protein_cc	chr1	2460184	2461684	-	1306	35.70644	0.004773	1.023861	0.216412	4.731069	7.43E-06	0.00032	0.19532
ENSG0000	mucosal h	Inflamed	TNFRSF4	protein_cc	chr1	1146706	1149518	-	1721	339.5036	0	-1.18549	0.250576	-4.73105	7.43E-06	0.00032	0.195334
ENSG0000	mucosal h	Inflamed	RP11-496	lincRNA	chr4	24661479	24673191	+	2195	10.51313	0.157518	1.282361	0.271183	4.728767	7.50E-06	0.000322	0.197134
ENSG0000	mucosal h	Inflamed	AP001046	lincRNA	chr21	44783212	44786446	+	2816	1.367542	0.706444	-0.78071	0.165102	-4.72866	7.50E-06	0.000322	0.197222
ENSG0000	mucosal h	Inflamed	PHYH	protein_cc	chr10	13319796	13344412	-	3381	1220.198	0	0.632491	0.133837	4.725831	7.59E-06	0.000325	0.199471
ENSG0000	mucosal h	Inflamed	SPI1	protein_cc	chr11	47376411	47400127	-	2069	2341.384	0	-1.09088	0.230869	-4.72512	7.61E-06	0.000325	0.20004
ENSG0000	mucosal h	Inflamed	MT1M	protein_cc	chr16	56666145	56667898	+	942	360.1814	0.004773	1.723707	0.364954	4.723087	7.67E-06	0.000327	0.201679
ENSG0000	mucosal h	Inflamed	C4orf50	protein_cc	chr4	5958845	5991545	-	4557	12.61337	0.286396	-1.455	0.308106	-4.72242	7.69E-06	0.000327	0.202223
ENSG0000	mucosal h	Inflamed	IGKV2-30	IG_V_gene	chr2	89544264	89545079	-	390	3627.06	0	-1.62238	0.343562	-4.72224	7.70E-06	0.000327	0.202368
ENSG0000	mucosal h	Inflamed	AF064860	lincRNA	chr21	41099682	41102607	+	1786	9.77327	0.214797	1.487944	0.315345	4.718462	7.81E-06	0.000332	0.205455
ENSG0000	mucosal h	Inflamed	C4BPA	protein_cc	chr1	2.07E+08	2.07E+08	+	2441	605.9666	0	-2.31004	0.489608	-4.71813	7.83E-06	0.000332	0.205727

ENSG0000	mucosal h	Inflamed	PLA2G16	protein_cc chr11	63340667	63384355	-	3104	413.9117	0	-0.79458	0.168502	-4.71555	7.91E-06	0.000335	0.207871
ENSG0000	mucosal h	Inflamed	SLA	protein_cc chr8	1.34E+08	1.34E+08	-	7633	1209.224	0	-1.06036	0.225028	-4.71213	8.02E-06	0.000339	0.210733
ENSG0000	mucosal h	Inflamed	ANO7	protein_cc chr2	2.42E+08	2.42E+08	+	5695	1426.687	0	1.386156	0.294328	4.70957	8.10E-06	0.000342	0.212908
ENSG0000	mucosal h	Inflamed	CLEC4E	protein_cc chr12	8685901	8693559	-	2422	141.1981	0.026253	-1.98357	0.421238	-4.70891	8.12E-06	0.000342	0.213474
ENSG0000	mucosal h	Inflamed	HOXA11-A	antisense chr7	27224137	27228912	+	2917	605.1265	0	1.045831	0.222164	4.707462	8.17E-06	0.000344	0.214713
ENSG0000	mucosal h	Inflamed	RP5-1013f	lincRNA chr20	43062837	43063236	+	400	16.06444	0.047733	0.997391	0.211947	4.705844	8.22E-06	0.000345	0.216109
ENSG0000	mucosal h	Inflamed	LAPTM5	protein_cc chr1	31205316	31230667	-	3274	9853.138	0	-0.81178	0.172514	-4.7056	8.23E-06	0.000345	0.216324
ENSG0000	mucosal h	Inflamed	AC097468	antisense chr2	2.2E+08	2.2E+08	+	1992	11.62291	0.114558	1.186949	0.252247	4.705497	8.23E-06	0.000345	0.216409
ENSG0000	mucosal h	Inflamed	MST1L	pseudoger chr1	17081405	17096732	-	5295	378.9618	0.009547	1.959831	0.416537	4.705055	8.25E-06	0.000345	0.216792
ENSG0000	mucosal h	Inflamed	AC021016	processed_chr2	2.19E+08	2.19E+08	-	775	11.11217	0.042959	-1.01677	0.216167	-4.70363	8.29E-06	0.000346	0.218034
ENSG0000	mucosal h	Inflamed	CPZ	protein_cc chr4	8594387	8621488	+	5562	32.70883	0.073986	-1.30535	0.277565	-4.70286	8.32E-06	0.000347	0.218707
ENSG0000	mucosal h	Inflamed	LPCAT1	protein_cc chr5	1456595	1524092	-	6494	4154.68	0	-0.8368	0.177967	-4.70199	8.35E-06	0.000347	0.219466
ENSG0000	mucosal h	Inflamed	TXNDC15	protein_cc chr5	1.34E+08	1.34E+08	+	5265	1818.881	0	-0.60539	0.128801	-4.70023	8.41E-06	0.000349	0.221024
ENSG0000	mucosal h	Inflamed	LILRB1	protein_cc chr19	55085346	55148979	+	5078	1084.678	0	-1.19366	0.25396	-4.70018	8.41E-06	0.000349	0.22106
ENSG0000	mucosal h	Inflamed	ZNF395	protein_cc chr8	28203102	28260218	-	5819	1892.22	0	0.525206	0.111776	4.698755	8.46E-06	0.00035	0.222327
ENSG0000	mucosal h	Inflamed	CTD-2619J	antisense chr19	58873951	58877958	+	790	8.909308	0.097852	0.8385	0.178512	4.697179	8.51E-06	0.000352	0.223734
ENSG0000	mucosal h	Inflamed	RP11-104J	antisense chr17	34328458	34338658	+	1920	7.961814	0.181384	1.035145	0.220395	4.696763	8.52E-06	0.000352	0.224106
ENSG0000	mucosal h	Inflamed	RPS4XP7	pseudoger chr6	13521498	13522277	+	780	12.30549	0.252983	1.166983	0.248477	4.696546	8.53E-06	0.000352	0.2243
ENSG0000	mucosal h	Inflamed	HK3	protein_cc chr5	1.76E+08	1.76E+08	-	3290	564.2458	0	-1.31324	0.279721	-4.69483	8.59E-06	0.000353	0.225843
ENSG0000	mucosal h	Inflamed	STRA6	protein_cc chr15	74471807	74504608	-	7690	180.4368	0.045346	-1.99121	0.424222	-4.6938	8.63E-06	0.000354	0.226773
ENSG0000	mucosal h	Inflamed	RHOH	protein_cc chr4	40192673	40248587	+	6594	488.5036	0	-1.22054	0.260088	-4.6928	8.66E-06	0.000355	0.22769
ENSG0000	mucosal h	Inflamed	CMTM7	protein_cc chr3	32433163	32524559	+	3751	644.2673	0	-0.78714	0.167774	-4.69164	8.70E-06	0.000356	0.228744
ENSG0000	mucosal h	Inflamed	IGKV2D-4C	IG_V_gene chr2	89890601	89891307	+	336	708.8735	0.00716	-2.15824	0.460091	-4.69091	8.73E-06	0.000357	0.229411
ENSG0000	mucosal h	Inflamed	LHX4	protein_cc chr1	1.8E+08	1.8E+08	+	7324	76.179	0.00716	1.431159	0.305129	4.690334	8.75E-06	0.000357	0.229941
ENSG0000	mucosal h	Inflamed	ATAD3C	protein_cc chr1	1385069	1405538	+	3976	65.36754	0.002387	-0.92556	0.197397	-4.6888	8.80E-06	0.000358	0.231355
ENSG0000	mucosal h	Inflamed	DUSP5	protein_cc chr10	1.12E+08	1.12E+08	+	2615	1963.702	0	-0.87583	0.186812	-4.68827	8.82E-06	0.000358	0.231843
ENSG0000	mucosal h	Inflamed	RP5-1057J	lincRNA chr1	23704873	23705522	-	650	25.24105	0.026253	1.037059	0.221208	4.688162	8.82E-06	0.000358	0.231945
ENSG0000	mucosal h	Inflamed	RNF152	protein_cc chr18	59475296	59561480	-	9924	877.3819	0	1.241337	0.264805	4.687732	8.84E-06	0.000359	0.232344
ENSG0000	mucosal h	Inflamed	RPS15AP1	pseudoger chr1	45245998	45246387	-	390	9.582339	0.214797	1.043199	0.222709	4.68414	8.97E-06	0.000363	0.235701
ENSG0000	mucosal h	Inflamed	MFNG	protein_cc chr22	37865101	37882439	-	3042	1092.742	0	-0.64737	0.138231	-4.68321	9.00E-06	0.000364	0.236577
ENSG0000	mucosal h	Inflamed	CELF5	protein_cc chr19	3224701	3297074	+	6024	23.24821	0.038186	1.020754	0.218043	4.68143	9.06E-06	0.000366	0.238265
ENSG0000	mucosal h	Inflamed	EAPP	protein_cc chr14	34985135	35008916	-	2022	1189.048	0	0.474301	0.10133	4.680759	9.09E-06	0.000366	0.238904
ENSG0000	mucosal h	Inflamed	DNASE2	protein_cc chr19	12986025	12992282	-	2389	1516.069	0	-0.44491	0.095056	-4.68048	9.10E-06	0.000366	0.239172
ENSG0000	mucosal h	Inflamed	RP11-586I	lincRNA chr4	6202460	6240044	+	2547	7.546539	0.236277	-1.13768	0.243123	-4.67944	9.14E-06	0.000367	0.240162
ENSG0000	mucosal h	Inflamed	NRROS	protein_cc chr3	1.96E+08	1.96E+08	+	2910	453.6539	0	-0.91734	0.196067	-4.67869	9.16E-06	0.000367	0.240884
ENSG0000	mucosal h	Inflamed	RP13-497k	antisense chr4	23781213	23784183	+	442	24.53699	0.23389	1.823009	0.389642	4.678677	9.16E-06	0.000367	0.240898
ENSG0000	mucosal h	Inflamed	ARSD	protein_cc chrX	2822011	2847392	-	7030	3596.747	0	0.671106	0.143465	4.677833	9.19E-06	0.000368	0.241711
ENSG0000	mucosal h	Inflamed	CCDC108	protein_cc chr2	2.2E+08	2.2E+08	-	10519	18.65632	0.02864	1.141859	0.244124	4.677371	9.21E-06	0.000368	0.242156
ENSG0000	mucosal h	Inflamed	CTSK	protein_cc chr1	1.51E+08	1.51E+08	-	1887	2342.391	0	-1.08252	0.231466	-4.67678	9.23E-06	0.000368	0.242728
ENSG0000	mucosal h	Inflamed	LINC00877	lincRNA chr3	72084451	72291716	-	4520	51.50835	0.002387	-1.21622	0.260154	-4.67499	9.30E-06	0.00037	0.244468

ENSG0000	mucosal h	Inflamed	APOBEC3C	protein_cc chr22	39436924	39483748	+	5496	619.2243	0	-0.90115	0.192809	-4.67381	9.34E-06	0.000372	0.245621
ENSG0000	mucosal h	Inflamed	MT1G	protein_cc chr16	56700643	56701977	-	750	2189.334	0	1.575195	0.337056	4.673393	9.36E-06	0.000372	0.246029
ENSG0000	mucosal h	Inflamed	PRSS33	protein_cc chr16	2833954	2837949	-	2112	52.52506	0.019093	-1.39302	0.298104	-4.67294	9.38E-06	0.000372	0.246476
ENSG0000	mucosal h	Inflamed	D86994.2	miRNA chr22	23006898	23006993	+	96	947.6921	0.073986	-1.65665	0.354581	-4.67215	9.40E-06	0.000372	0.247254
ENSG0000	mucosal h	Inflamed	FOXQ1	protein_cc chr6	1312675	1314992	+	2318	307.1718	0.002387	-1.36943	0.293141	-4.67159	9.43E-06	0.000372	0.247804
ENSG0000	mucosal h	Inflamed	ADPGK-AS	antisense chr15	73075176	73090540	+	3138	9.147971	0.066826	-0.8943	0.191437	-4.67152	9.43E-06	0.000372	0.247871
ENSG0000	mucosal h	Inflamed	IGKV3OR2	IG_V_gene chr2	87565634	87566158	+	350	71.0358	0.033413	-1.78839	0.382858	-4.67115	9.44E-06	0.000372	0.248242
ENSG0000	mucosal h	Inflamed	DBNDD2	protein_cc chr20	44034697	44039250	+	2764	336.1575	0	0.633598	0.135703	4.668995	9.52E-06	0.000374	0.250382
ENSG0000	mucosal h	Inflamed	ICAM2	protein_cc chr17	62079954	62097994	-	3243	813.8115	0	-0.98299	0.210538	-4.66897	9.52E-06	0.000374	0.250403
ENSG0000	mucosal h	Inflamed	C9orf116	protein_cc chr9	1.38E+08	1.38E+08	-	1864	43.05012	0	-0.86512	0.185298	-4.66882	9.53E-06	0.000374	0.250552
ENSG0000	mucosal h	Inflamed	FCGR2A	protein_cc chr1	1.61E+08	1.61E+08	+	5314	2114.695	0	-1.32163	0.283204	-4.66672	9.61E-06	0.000377	0.252659
ENSG0000	mucosal h	Inflamed	TESC	protein_cc chr12	1.17E+08	1.18E+08	-	1926	245.432	0	-1.17598	0.252057	-4.66552	9.66E-06	0.000378	0.253872
ENSG0000	mucosal h	Inflamed	SERPINE1	protein_cc chr7	1.01E+08	1.01E+08	+	3190	1984.537	0.002387	-2.1849	0.468349	-4.66512	9.67E-06	0.000378	0.254282
ENSG0000	mucosal h	Inflamed	ANXA13	protein_cc chr8	1.25E+08	1.25E+08	-	3806	542.2888	0.004773	1.394666	0.299014	4.664214	9.71E-06	0.000378	0.255198
ENSG0000	mucosal h	Inflamed	EAF2	protein_cc chr3	1.22E+08	1.22E+08	+	1770	253.9356	0	-0.99427	0.213176	-4.66406	9.71E-06	0.000378	0.255356
ENSG0000	mucosal h	Inflamed	TMEM45A	protein_cc chr3	1E+08	1E+08	+	6005	270.7566	0	-0.94179	0.201989	-4.66256	9.77E-06	0.00038	0.256882
ENSG0000	mucosal h	Inflamed	GRINA	protein_cc chr8	1.45E+08	1.45E+08	+	2527	6569.487	0	-0.68399	0.146725	-4.66173	9.80E-06	0.000381	0.25774
ENSG0000	mucosal h	Inflamed	IGKV2-40	IG_V_gene chr2	89629873	89630186	-	314	47.07399	0.109785	-1.93124	0.414311	-4.66133	9.82E-06	0.000381	0.258146
ENSG0000	mucosal h	Inflamed	RP11-467L	pseudoger chr12	31907651	31908055	+	405	11.34606	0.062053	-0.99554	0.213588	-4.66103	9.83E-06	0.000381	0.25845
ENSG0000	mucosal h	Inflamed	TSHZ1	protein_cc chr18	72922710	73001905	+	8281	1362.632	0	0.729209	0.156493	4.659681	9.88E-06	0.000382	0.259846
ENSG0000	mucosal h	Inflamed	HAVCR2	protein_cc chr5	1.57E+08	1.57E+08	-	3804	394.3413	0	-0.8182	0.175726	-4.6561	1.00E-05	0.000387	0.263575
ENSG0000	mucosal h	Inflamed	IL27	protein_cc chr16	28510683	28523372	-	1270	12.62291	0.155131	-1.23415	0.265064	-4.65603	1.00E-05	0.000387	0.263648
ENSG0000	mucosal h	Inflamed	C6orf223	protein_cc chr6	43968317	43973695	+	3917	399.2267	0	-1.38747	0.298051	-4.65513	1.01E-05	0.000387	0.264591
ENSG0000	mucosal h	Inflamed	COTL1	protein_cc chr16	84599200	84651683	-	6742	8011.95	0	-0.60227	0.129386	-4.65482	1.01E-05	0.000387	0.264927
ENSG0000	mucosal h	Inflamed	RP11-511E	antisense chr12	93397191	93609455	-	1914	3.615752	0.310263	0.73653	0.158256	4.654044	1.01E-05	0.000388	0.265742
ENSG0000	mucosal h	Inflamed	RP11-554I	pseudoger chr12	1.08E+08	1.08E+08	-	679	6.584726	0.126492	-0.99933	0.214913	-4.64993	1.03E-05	0.000394	0.270123
ENSG0000	mucosal h	Inflamed	AC009133	lincRNA chr16	29793246	29794294	+	1049	1568.621	0.011933	2.587364	0.556524	4.649151	1.03E-05	0.000394	0.270965
ENSG0000	mucosal h	Inflamed	MYO1D	protein_cc chr17	30819540	31204195	-	7731	25977.47	0	0.826935	0.177876	4.648936	1.03E-05	0.000394	0.271196
ENSG0000	mucosal h	Inflamed	IGHV3-15	IG_V_gene chr14	1.07E+08	1.07E+08	-	437	15049.61	0	-1.66743	0.358775	-4.64757	1.04E-05	0.000396	0.272674
ENSG0000	mucosal h	Inflamed	SHANK2	protein_cc chr11	70313961	70963623	-	16428	522.5274	0	0.913594	0.196623	4.646426	1.04E-05	0.000397	0.273917
ENSG0000	mucosal h	Inflamed	CEACAM1	protein_cc chr19	45165545	45187631	+	5202	281.3055	0.004773	1.071733	0.230722	4.645129	1.05E-05	0.000398	0.275332
ENSG0000	mucosal h	Inflamed	KCNA3	protein_cc chr1	1.11E+08	1.11E+08	-	3346	337.5609	0	-1.3115	0.282503	-4.64245	1.06E-05	0.000402	0.278279
ENSG0000	mucosal h	Inflamed	FAM184B	protein_cc chr4	17630929	17783135	-	6622	20.50597	0.26253	1.240803	0.267484	4.638795	1.07E-05	0.000407	0.282348
ENSG0000	mucosal h	Inflamed	SLC22A5	protein_cc chr5	1.32E+08	1.32E+08	+	12788	2252.761	0	0.9744	0.210062	4.638637	1.07E-05	0.000407	0.282526
ENSG0000	mucosal h	Inflamed	C6orf136	protein_cc chr6	30614816	30620987	+	2118	1612.057	0	0.614846	0.132564	4.6381	1.08E-05	0.000407	0.283129
ENSG0000	mucosal h	Inflamed	IGHV3-33	IG_V_gene chr14	1.07E+08	1.07E+08	-	431	5696.236	0	-1.83166	0.394918	-4.63809	1.08E-05	0.000407	0.283142
ENSG0000	mucosal h	Inflamed	RP11-44N	lincRNA chr14	1.06E+08	1.06E+08	+	1177	57.68974	0	0.73868	0.159274	4.637786	1.08E-05	0.000407	0.283482
ENSG0000	mucosal h	Inflamed	LAT2	protein_cc chr7	73613982	73644161	+	4542	804.0215	0	-0.86934	0.187467	-4.6373	1.08E-05	0.000407	0.284035
ENSG0000	mucosal h	Inflamed	LYPD5	protein_cc chr19	44300081	44331358	-	5091	314.5298	0	-1.19752	0.258314	-4.63592	1.09E-05	0.000409	0.285594
ENSG0000	mucosal h	Inflamed	CTHRC1	protein_cc chr8	1.04E+08	1.04E+08	+	1776	311.5752	0	-1.69409	0.365536	-4.63453	1.09E-05	0.00041	0.287169

ENSG0000	mucosal h	Inflamed	FAM26F	protein_cc chr6	1.17E+08	1.17E+08	+	1186	361.5036	0	-1.1975	0.258425	-4.63383	1.10E-05	0.000411	0.287968
ENSG0000	mucosal h	Inflamed	P2RY6	protein_cc chr11	72975550	73009662	+	3976	454.9928	0	-0.84205	0.181731	-4.63349	1.10E-05	0.000411	0.288352
ENSG0000	mucosal h	Inflamed	CCDC13	protein_cc chr3	42734155	42814745	-	4966	51.73031	0.004773	0.896003	0.19341	4.63266	1.10E-05	0.000412	0.289309
ENSG0000	mucosal h	Inflamed	RP11-480I	lincRNA chr1	2.03E+08	2.03E+08	+	2321	8.22673	0.155131	0.867182	0.187218	4.631929	1.10E-05	0.000412	0.29015
ENSG0000	mucosal h	Inflamed	CTD-2005I	pseudoger chr4	69650336	69653192	+	714	3.947494	0.400955	0.816142	0.176393	4.626825	1.13E-05	0.00042	0.296085
ENSG0000	mucosal h	Inflamed	NUGGC	protein_cc chr8	27879481	27941388	-	3978	329.9117	0	-1.33766	0.289129	-4.62653	1.13E-05	0.00042	0.296426
ENSG0000	mucosal h	Inflamed	RP11-380F	antisense chr4	23562546	23770275	+	703	9.334129	0.362768	1.35877	0.293707	4.626281	1.13E-05	0.00042	0.296723
ENSG0000	mucosal h	Inflamed	TMED6	protein_cc chr16	69377151	69385712	-	1411	33.24821	0.01432	0.996092	0.215346	4.625547	1.13E-05	0.00042	0.297588
ENSG0000	mucosal h	Inflamed	CARD14	protein_cc chr17	78143791	78183130	+	8232	161.5394	0	-1.23423	0.266923	-4.62393	1.14E-05	0.000422	0.299499
ENSG0000	mucosal h	Inflamed	CFI	protein_cc chr4	1.11E+08	1.11E+08	-	3873	861.7327	0	-1.41791	0.306701	-4.6231	1.14E-05	0.000423	0.300492
ENSG0000	mucosal h	Inflamed	PXMP2	protein_cc chr12	1.33E+08	1.33E+08	+	2051	668.5513	0	0.78506	0.169821	4.622861	1.14E-05	0.000423	0.300774
ENSG0000	mucosal h	Inflamed	C14orf93	protein_cc chr14	23456110	23479375	-	3250	394.957	0	0.349106	0.075542	4.621338	1.15E-05	0.000425	0.302595
ENSG0000	mucosal h	Inflamed	UGT2A3	protein_cc chr4	69794181	69817509	-	3062	723.7661	0.054893	2.550116	0.55215	4.618518	1.16E-05	0.000429	0.305995
ENSG0000	mucosal h	Inflamed	KLK3	protein_cc chr19	51358171	51364020	+	4639	105.1957	0.02864	1.712481	0.370824	4.618038	1.17E-05	0.000429	0.306578
ENSG0000	mucosal h	Inflamed	RP11-277E	antisense chr1	1.67E+08	1.67E+08	-	682	11.15274	0.0358	0.83126	0.180017	4.617684	1.17E-05	0.000429	0.307008
ENSG0000	mucosal h	Inflamed	TSPO2	protein_cc chr6	41010293	41012076	+	988	7.718377	0.322196	-1.18486	0.25662	-4.61716	1.17E-05	0.00043	0.307639
ENSG0000	mucosal h	Inflamed	BEST4	protein_cc chr1	45249257	45253377	-	2047	1951.439	0	2.325297	0.503819	4.615342	1.18E-05	0.000432	0.309869
ENSG0000	mucosal h	Inflamed	RP11-106C	pseudoger chr12	27855271	27855839	+	569	9.093079	0.190931	1.233112	0.267292	4.61335	1.19E-05	0.000435	0.312322
ENSG0000	mucosal h	Inflamed	AIFM3	protein_cc chr22	21319396	21335649	+	5332	1813.604	0	1.389991	0.301372	4.612217	1.19E-05	0.000436	0.313726
ENSG0000	mucosal h	Inflamed	HLA-E	protein_cc chr6	30457244	30461982	+	2975	42464.64	0	-0.36805	0.079862	-4.60856	1.21E-05	0.000442	0.318304
ENSG0000	mucosal h	Inflamed	XX-CR54.3	lincRNA chr1	2.49E+08	2.49E+08	-	1098	49.8568	0.069212	1.730466	0.37575	4.605372	1.23E-05	0.000447	0.322339
ENSG0000	mucosal h	Inflamed	IGSF5	protein_cc chr21	41117334	41174023	+	2650	6.011933	0.312649	1.207733	0.262293	4.604527	1.23E-05	0.000448	0.323418
ENSG0000	mucosal h	Inflamed	ZNF575	protein_cc chr19	44029649	44040282	+	3222	401.0597	0	0.960897	0.208695	4.604315	1.23E-05	0.000448	0.323689
ENSG0000	mucosal h	Inflamed	SIAH2-AS1	antisense chr3	1.5E+08	1.5E+08	+	441	2.410501	0.408115	0.616875	0.134031	4.602496	1.24E-05	0.00045	0.326026
ENSG0000	mucosal h	Inflamed	LRRC25	protein_cc chr19	18501954	18508427	-	2415	718.7446	0	-1.01653	0.220921	-4.60132	1.25E-05	0.000452	0.327549
ENSG0000	mucosal h	Inflamed	SLC39A2	protein_cc chr14	21467414	21470030	+	1575	38.12649	0.152745	1.576955	0.34282	4.599955	1.25E-05	0.000454	0.329317
ENSG0000	mucosal h	Inflamed	GUCY2D	protein_cc chr17	7905912	7923657	+	4040	13.40334	0.045346	-1.01533	0.220747	-4.59951	1.25E-05	0.000454	0.329901
ENSG0000	mucosal h	Inflamed	LINC00582	antisense chr1	2.32E+08	2.32E+08	-	597	24.93079	0.016706	-1.17572	0.255676	-4.59848	1.26E-05	0.000455	0.331246
ENSG0000	mucosal h	Inflamed	C15orf38	protein_cc chr15	90443159	90456188	-	3673	1339.384	0	0.538044	0.117012	4.598185	1.26E-05	0.000455	0.331629
ENSG0000	mucosal h	Inflamed	CNTD1	protein_cc chr17	40950810	40963605	+	3378	10.93556	0.083532	1.035846	0.225343	4.596759	1.27E-05	0.000457	0.333502
ENSG0000	mucosal h	Inflamed	VNN3	protein_cc chr6	1.33E+08	1.33E+08	-	3846	37.42959	0.159905	-1.86041	0.404763	-4.59631	1.27E-05	0.000457	0.334099
ENSG0000	mucosal h	Inflamed	GYG2P1	pseudoger chrY	14475147	14532255	-	2159	38.88067	0.412888	0.584888	0.127271	4.59559	1.27E-05	0.000457	0.335046
ENSG0000	mucosal h	Inflamed	IGHV1-3	IG_V_gene chr14	1.06E+08	1.06E+08	-	393	1978.205	0	-1.88314	0.409784	-4.59544	1.28E-05	0.000457	0.335239
ENSG0000	mucosal h	Inflamed	ROPN1L	protein_cc chr5	10441636	10472141	+	1817	12.76134	0.159905	-1.26716	0.275745	-4.5954	1.28E-05	0.000457	0.335292
ENSG0000	mucosal h	Inflamed	DMBT1	protein_cc chr10	1.24E+08	1.24E+08	+	8073	46831.9	0	-2.39024	0.52025	-4.5944	1.28E-05	0.000458	0.336625
ENSG0000	mucosal h	Inflamed	SLC39A11	protein_cc chr17	70642088	71088851	-	5583	1525.045	0	0.532809	0.116031	4.59194	1.29E-05	0.000462	0.339911
ENSG0000	mucosal h	Inflamed	SRM	protein_cc chr1	11114641	11120081	-	1898	2310.391	0	-0.6963	0.151689	-4.59031	1.30E-05	0.000464	0.342103
ENSG0000	mucosal h	Inflamed	VWA1	protein_cc chr1	1370241	1378262	+	5065	4033.9	0	-0.83066	0.180981	-4.58976	1.30E-05	0.000465	0.342847
ENSG0000	mucosal h	Inflamed	FAM162A	protein_cc chr3	1.22E+08	1.22E+08	+	3793	2145.36	0	0.802482	0.174898	4.588289	1.31E-05	0.000467	0.344846
ENSG0000	mucosal h	Inflamed	TRPV4	protein_cc chr12	1.1E+08	1.1E+08	-	3765	120.2721	0	-1.06681	0.232573	-4.58699	1.32E-05	0.000468	0.346619

ENSG0000	mucosal h	Inflamed	HLA-DRB5	protein_cc chr6	32485120	32498064	-	1260	3516.229	0.002387	-0.93684	0.20433	-4.58492	1.33E-05	0.000471	0.349458
ENSG0000	mucosal h	Inflamed	IGHV1-58	IG_V_gene chr14	1.07E+08	1.07E+08	-	412	636.3198	0.004773	-1.9401	0.423148	-4.58491	1.33E-05	0.000471	0.349469
ENSG0000	mucosal h	Inflamed	CHST15	protein_cc chr10	1.26E+08	1.26E+08	-	5207	2135.704	0	-1.10346	0.240733	-4.58376	1.34E-05	0.000472	0.35106
ENSG0000	mucosal h	Inflamed	NOS2	protein_cc chr17	26083792	26127525	-	4176	14841.25	0	-2.13293	0.465397	-4.58304	1.34E-05	0.000473	0.352056
ENSG0000	mucosal h	Inflamed	CYTH4	protein_cc chr22	37678068	37711382	+	6157	2259.122	0	-1.02661	0.224018	-4.58271	1.34E-05	0.000473	0.352522
ENSG0000	mucosal h	Inflamed	CD300A	protein_cc chr17	72462555	72480933	+	2684	717.0024	0	-0.83173	0.181521	-4.58199	1.34E-05	0.000474	0.353526
ENSG0000	mucosal h	Inflamed	CSF2RB	protein_cc chr22	37309670	37336491	+	5061	4896.308	0	-1.28781	0.281149	-4.58053	1.35E-05	0.000476	0.355565
ENSG0000	mucosal h	Inflamed	REP15	protein_cc chr12	27849428	27850566	+	1139	643.5084	0	1.332913	0.291022	4.580113	1.35E-05	0.000476	0.356148
ENSG0000	mucosal h	Inflamed	IGLV3-12	IG_V_gene chr22	23114317	23115079	+	360	69.70883	0.045346	-1.61676	0.353024	-4.57973	1.36E-05	0.000476	0.356686
ENSG0000	mucosal h	Inflamed	PGAP3	protein_cc chr17	37827375	37853050	-	3669	2334.819	0	0.681296	0.148822	4.577938	1.37E-05	0.000479	0.359215
ENSG0000	mucosal h	Inflamed	TNFRSF17	protein_cc chr16	12058964	12061925	+	1118	458.7064	0	-1.25193	0.273565	-4.57634	1.37E-05	0.000481	0.361487
ENSG0000	mucosal h	Inflamed	ABI3	protein_cc chr17	47287589	47300587	+	2456	1026.029	0	-0.65821	0.14383	-4.57628	1.38E-05	0.000481	0.361569
ENSG0000	mucosal h	Inflamed	FGFR3	protein_cc chr4	1795034	1810599	+	4834	1824.064	0	1.059993	0.231813	4.572612	1.40E-05	0.000487	0.366833
ENSG0000	mucosal h	Inflamed	LINC00942	lincRNA chr12	1609691	1616484	-	2417	2.145585	0.553699	0.803558	0.175746	4.57227	1.40E-05	0.000487	0.367327
ENSG0000	mucosal h	Inflamed	SPNS2	protein_cc chr17	4402133	4442330	+	4111	3640.58	0	-0.96231	0.21047	-4.57222	1.40E-05	0.000487	0.367405
ENSG0000	mucosal h	Inflamed	OLFML2B	protein_cc chr1	1.62E+08	1.62E+08	-	3415	833.6158	0	-1.31353	0.287335	-4.57142	1.40E-05	0.000488	0.368559
ENSG0000	mucosal h	Inflamed	IRF1	protein_cc chr5	1.32E+08	1.32E+08	-	7799	8984.632	0	-0.75417	0.165047	-4.56943	1.41E-05	0.000491	0.371459
ENSG0000	mucosal h	Inflamed	RP11-680F	antisense chr15	29967194	29973161	+	2736	108.3699	0	1.091791	0.239031	4.567561	1.42E-05	0.000494	0.374201
ENSG0000	mucosal h	Inflamed	IGKV1D-17	IG_V_gene chr2	90121477	90122133	+	532	245.8329	0.164678	-1.72835	0.37846	-4.56679	1.43E-05	0.000495	0.375343
ENSG0000	mucosal h	Inflamed	ADAMTS4	protein_cc chr1	1.61E+08	1.61E+08	-	10334	734.3628	0.00716	-1.76267	0.386052	-4.56588	1.43E-05	0.000495	0.376685
ENSG0000	mucosal h	Inflamed	LIMK1	protein_cc chr7	73497263	73536855	+	6902	1914.938	0	-0.64662	0.141621	-4.56587	1.43E-05	0.000495	0.376703
ENSG0000	mucosal h	Inflamed	TRPV2	protein_cc chr17	16318856	16340317	+	3414	1010.11	0	-0.80197	0.175651	-4.56569	1.43E-05	0.000495	0.376966
ENSG0000	mucosal h	Inflamed	MT-ND4	protein_cc chrM	10760	12137	+	1378	936839	0	0.601444	0.13174	4.565384	1.44E-05	0.000495	0.377422
ENSG0000	mucosal h	Inflamed	CYBA	protein_cc chr16	88709691	88717560	-	3357	9033.723	0	-0.61255	0.134201	-4.56442	1.44E-05	0.000496	0.378852
ENSG0000	mucosal h	Inflamed	IGHV3-22	IG_V_pseu chr14	1.07E+08	1.07E+08	-	359	8.181384	0.159905	-1.11122	0.243504	-4.56345	1.45E-05	0.000497	0.380311
ENSG0000	mucosal h	Inflamed	IRF4	protein_cc chr6	391739	411447	+	5898	3783.876	0	-1.35822	0.297707	-4.56227	1.45E-05	0.000499	0.382079
ENSG0000	mucosal h	Inflamed	FLI1-AS1	antisense chr11	1.29E+08	1.29E+08	-	1298	36.56563	0.002387	-0.89213	0.195605	-4.56087	1.46E-05	0.000501	0.384192
ENSG0000	mucosal h	Inflamed	RP11-175C	antisense chr9	1.28E+08	1.28E+08	+	617	2.083532	0.51074	0.568458	0.124646	4.560586	1.46E-05	0.000501	0.384615
ENSG0000	mucosal h	Inflamed	HAVCR1	protein_cc chr5	1.56E+08	1.56E+08	-	2151	78.06444	0.045346	1.516627	0.332593	4.560007	1.47E-05	0.000501	0.385491
ENSG0000	mucosal h	Inflamed	SELENBP1	protein_cc chr1	1.51E+08	1.51E+08	-	3504	20717.5	0	1.183878	0.259669	4.559172	1.47E-05	0.000502	0.386759
ENSG0000	mucosal h	Inflamed	GPR4	protein_cc chr19	46093022	46105466	-	3145	313.0286	0.002387	-1.445	0.317069	-4.55736	1.48E-05	0.000505	0.389528
ENSG0000	mucosal h	Inflamed	VNN2	protein_cc chr6	1.33E+08	1.33E+08	-	2633	414.8616	0	-1.67461	0.367521	-4.55649	1.49E-05	0.000506	0.390858
ENSG0000	mucosal h	Inflamed	LINC00525	antisense chr7	47801074	47806370	+	1212	18.92363	0.140811	-1.4382	0.315713	-4.55541	1.49E-05	0.000508	0.392524
ENSG0000	mucosal h	Inflamed	S1PR4	protein_cc chr19	3172344	3180329	+	1693	348.3938	0	-1.32381	0.290639	-4.55482	1.50E-05	0.000508	0.393434
ENSG0000	mucosal h	Inflamed	PGLYRP2	protein_cc chr19	15579456	15609767	-	3188	8.539379	0.095465	-0.9877	0.216884	-4.55404	1.50E-05	0.000509	0.394647
ENSG0000	mucosal h	Inflamed	PDCD4	protein_cc chr10	1.13E+08	1.13E+08	+	4535	7016.914	0	0.989222	0.217231	4.553778	1.50E-05	0.000509	0.395047
ENSG0000	mucosal h	Inflamed	SNX20	protein_cc chr16	50700211	50715264	-	5754	769.7208	0	-1.03175	0.226596	-4.55327	1.51E-05	0.000509	0.395837
ENSG0000	mucosal h	Inflamed	PPIB	protein_cc chr15	64448011	64455404	-	1911	10864.84	0	-0.57491	0.126305	-4.5518	1.51E-05	0.000512	0.398135
ENSG0000	mucosal h	Inflamed	SEC11C	protein_cc chr18	56806709	56826068	+	3656	2138.809	0	-0.72539	0.159388	-4.55106	1.52E-05	0.000512	0.399286
ENSG0000	mucosal h	Inflamed	THSD4	protein_cc chr15	71389291	72075722	+	15803	1702.659	0	0.991977	0.217966	4.55106	1.52E-05	0.000512	0.399289

ENSG0000	mucosal h	Inflamed	SIGLEC7	protein_cc	chr19	51645556	51656783	+	2043	181.0406	0	-0.81036	0.178099	-4.55005	1.52E-05	0.000513	0.400879
ENSG0000	mucosal h	Inflamed	AC079602	protein_cc	chr12	1.21E+08	1.21E+08	-	2455	391.7327	0.009547	1.632067	0.358832	4.548275	1.54E-05	0.000516	0.40368
ENSG0000	mucosal h	Inflamed	ISL2	protein_cc	chr15	76629065	76634817	+	2221	73.78043	0.002387	-0.95773	0.210578	-4.54813	1.54E-05	0.000516	0.403907
ENSG0000	mucosal h	Inflamed	GYPC	protein_cc	chr2	1.27E+08	1.27E+08	+	3237	786.1933	0	-0.97653	0.215035	-4.54128	1.58E-05	0.000529	0.41492
ENSG0000	mucosal h	Inflamed	RP11-695J	antisense	chr12	14720684	14772689	+	596	38.33652	0.01432	0.693905	0.152802	4.541216	1.58E-05	0.000529	0.415022
ENSG0000	mucosal h	Inflamed	MEOX1	protein_cc	chr17	41717756	41739322	-	2707	455.7255	0	-1.21849	0.268349	-4.54069	1.58E-05	0.000529	0.415872
ENSG0000	mucosal h	Inflamed	IGLV5-48	IG_V_gene	chr22	22707289	22707781	+	369	67.36993	0.026253	-1.64534	0.362449	-4.53951	1.59E-05	0.000531	0.417803
ENSG0000	mucosal h	Inflamed	KIAA1199	protein_cc	chr15	81071684	81244117	+	7621	4416.494	0.002387	-2.2289	0.491153	-4.5381	1.60E-05	0.000533	0.420117
ENSG0000	mucosal h	Inflamed	SLC46A2	protein_cc	chr9	1.16E+08	1.16E+08	-	2502	9.50358	0.169451	-1.06862	0.235528	-4.53715	1.60E-05	0.000534	0.421696
ENSG0000	mucosal h	Inflamed	KLK1	protein_cc	chr19	51322404	51327043	-	2378	2638.396	0	1.34194	0.296052	4.532782	1.63E-05	0.000543	0.428975
ENSG0000	mucosal h	Inflamed	HLA-B	protein_cc	chr6	31321649	31324965	-	3012	102666.4	0	-0.39226	0.086588	-4.53014	1.65E-05	0.000548	0.433434
ENSG0000	mucosal h	Inflamed	DARC	protein_cc	chr1	1.59E+08	1.59E+08	+	1954	942.7637	0	-1.27301	0.281113	-4.52846	1.66E-05	0.000551	0.436309
ENSG0000	mucosal h	Inflamed	RP11-120k	sense_intr	chr13	1.14E+08	1.14E+08	+	649	3.572792	0.334129	0.778855	0.172074	4.526288	1.67E-05	0.000555	0.440029
ENSG0000	mucosal h	Inflamed	CHKA	protein_cc	chr11	67820326	67888911	-	3877	1539.971	0	0.688935	0.152266	4.524539	1.69E-05	0.000558	0.443053
ENSG0000	mucosal h	Inflamed	RP11-466A	sense_intr	chr17	30856026	30857067	-	475	0.947494	0.754177	0.548218	0.121198	4.523313	1.69E-05	0.00056	0.445185
ENSG0000	mucosal h	Inflamed	KLK7	protein_cc	chr19	51479729	51487355	-	2443	218.1742	0.470167	-3.30296	0.730917	-4.51892	1.72E-05	0.000569	0.452896
ENSG0000	mucosal h	Inflamed	FTSJ1	protein_cc	chrX	48334541	48344752	+	2740	1114.723	0	-0.37309	0.082576	-4.51816	1.73E-05	0.00057	0.454255
ENSG0000	mucosal h	Inflamed	CYP3A7	protein_cc	chr7	99302660	99332819	-	3531	10.67542	0.133652	1.032088	0.228471	4.51737	1.73E-05	0.000571	0.455658
ENSG0000	mucosal h	Inflamed	HMGCS2	protein_cc	chr1	1.2E+08	1.2E+08	-	2571	14553.19	0	2.514807	0.556863	4.516022	1.74E-05	0.000573	0.458067
ENSG0000	mucosal h	Inflamed	PTPN21	protein_cc	chr14	88932122	89021077	-	7396	1421.931	0	0.793361	0.175722	4.514876	1.75E-05	0.000575	0.460124
ENSG0000	mucosal h	Inflamed	JAK3	protein_cc	chr19	17935589	17958880	-	6813	2315.53	0	-1.21726	0.269715	-4.51315	1.76E-05	0.000578	0.46323
ENSG0000	mucosal h	Inflamed	AC092902	miRNA	chr3	1.26E+08	1.26E+08	-	100	0.921241	0.742243	0.535512	0.118659	4.513024	1.76E-05	0.000578	0.463467
ENSG0000	mucosal h	Inflamed	RP11-125E	antisense	chr9	2422702	2641395	-	4399	13.04535	0.221957	1.311734	0.290757	4.511441	1.77E-05	0.000581	0.466344
ENSG0000	mucosal h	Inflamed	SEMA5A	protein_cc	chr5	9035138	9546187	-	12097	2079.568	0	0.899377	0.199382	4.510824	1.78E-05	0.000581	0.46747
ENSG0000	mucosal h	Inflamed	IGLV1-44	IG_V_gene	chr22	22735135	22735715	+	466	15484.54	0	-1.74735	0.387444	-4.50994	1.78E-05	0.000583	0.469096
ENSG0000	mucosal h	Inflamed	ECSCR	protein_cc	chr5	1.39E+08	1.39E+08	-	740	147.1814	0.002387	-1.13048	0.250734	-4.50868	1.79E-05	0.000584	0.471405
ENSG0000	mucosal h	Inflamed	CCDC3	protein_cc	chr10	12938627	13141652	-	3681	826.0286	0	-1.36086	0.301836	-4.50861	1.79E-05	0.000584	0.471533
ENSG0000	mucosal h	Inflamed	RGS19	protein_cc	chr20	62704534	62711323	-	2010	818.6826	0	-0.93587	0.207611	-4.5078	1.80E-05	0.000585	0.473032
ENSG0000	mucosal h	Inflamed	RP11-507k	antisense	chr14	89017941	89018837	+	718	6.431981	0.109785	0.719582	0.159657	4.507044	1.80E-05	0.000586	0.474426
ENSG0000	mucosal h	Inflamed	NRARP	protein_cc	chr9	1.4E+08	1.4E+08	-	2621	5543.547	0	0.806562	0.178983	4.506357	1.81E-05	0.000587	0.4757
ENSG0000	mucosal h	Inflamed	KMO	protein_cc	chr1	2.42E+08	2.42E+08	+	5946	87.57041	0.004773	-1.19539	0.26528	-4.50615	1.81E-05	0.000587	0.476082
ENSG0000	mucosal h	Inflamed	CTB-134H	pseudoger	chr16	29065053	29119429	-	2180	53.09547	0.011933	1.336764	0.296779	4.504246	1.82E-05	0.000591	0.479638
ENSG0000	mucosal h	Inflamed	MCHR1	protein_cc	chr22	41074754	41078818	+	2961	16.53461	0.088305	-1.21089	0.268903	-4.50307	1.83E-05	0.000593	0.481837
ENSG0000	mucosal h	Inflamed	RP11-511l	antisense	chr1	47846600	47874149	-	483	16.01909	0.155131	1.070848	0.237833	4.502518	1.84E-05	0.000593	0.482885
ENSG0000	mucosal h	Inflamed	RP11-575l	lincRNA	chr9	27829274	27844479	+	2084	1.854415	0.620525	0.56576	0.125672	4.501885	1.84E-05	0.000594	0.484081
ENSG0000	mucosal h	Inflamed	IGHV3-48	IG_V_gene	chr14	1.07E+08	1.07E+08	-	430	7492.358	0	-1.67213	0.371511	-4.5009	1.85E-05	0.000596	0.485949
ENSG0000	mucosal h	Inflamed	RP11-443E	lincRNA	chr1	2.35E+08	2.35E+08	-	846	5.584726	0.212411	-0.92935	0.206542	-4.49958	1.86E-05	0.000598	0.488454
ENSG0000	mucosal h	Inflamed	TESK2	protein_cc	chr1	45809555	45956872	-	3460	541.4821	0	0.445616	0.099044	4.499181	1.86E-05	0.000598	0.489216
ENSG0000	mucosal h	Inflamed	CASR	protein_cc	chr3	1.22E+08	1.22E+08	+	5390	26.54893	0.02864	1.06652	0.237063	4.498889	1.86E-05	0.000598	0.489774
ENSG0000	mucosal h	Inflamed	MMP1	protein_cc	chr11	1.03E+08	1.03E+08	-	1970	4548.446	0	-2.307	0.512849	-4.4984	1.87E-05	0.000598	0.490714

ENSG0000	mucosal h	Inflamed	AC121251	pseudoger	chr3	23431152	23431400	-	249	4.73747	0.310263	-0.97666	0.217168	-4.49724	1.87E-05	0.0006	0.492935
ENSG0000	mucosal h	Inflamed	TMEM255	protein_cc	chr13	1.14E+08	1.15E+08	+	2242	134.8711	0	-0.97434	0.216679	-4.4967	1.88E-05	0.000601	0.493968
ENSG0000	mucosal h	Inflamed	EFCAB4B	protein_cc	chr12	3715799	3873985	-	12466	1770.432	0	0.968767	0.215589	4.493588	1.90E-05	0.000608	0.500006
ENSG0000	mucosal h	Inflamed	CXCR3	protein_cc	chrX	70835766	70838367	-	1868	341.9857	0	-0.68896	0.153412	-4.4909	1.92E-05	0.000613	0.505279
ENSG0000	mucosal h	Inflamed	MEF2B	protein_cc	chr19	19256377	19303400	-	2724	54.1074	0	-0.97265	0.216594	-4.49066	1.92E-05	0.000613	0.505749
ENSG0000	mucosal h	Inflamed	GLYATL3	protein_cc	chr6	49467671	49494760	+	1124	1.880668	0.649165	0.724469	0.161391	4.4889	1.94E-05	0.000617	0.509229
ENSG0000	mucosal h	Inflamed	PLAUR	protein_cc	chr19	44150247	44174699	-	4457	3315.957	0	-1.03315	0.230181	-4.48842	1.94E-05	0.000617	0.510178
ENSG0000	mucosal h	Inflamed	AC072052	pseudoger	chr7	6530424	6530729	-	306	5.947494	0.212411	0.874112	0.194831	4.486511	1.96E-05	0.000621	0.513991
ENSG0000	mucosal h	Inflamed	GLTP	protein_cc	chr12	1.1E+08	1.1E+08	-	2696	2408.749	0	0.51001	0.113714	4.485027	1.97E-05	0.000624	0.51697
ENSG0000	mucosal h	Inflamed	LRFN2	protein_cc	chr6	40359325	40555204	-	3270	4.811456	0.343675	0.915981	0.204266	4.484262	1.97E-05	0.000625	0.518512
ENSG0000	mucosal h	Inflamed	MYBL2	protein_cc	chr20	42295754	42345136	+	2682	1627.647	0	-0.67483	0.150502	-4.48387	1.98E-05	0.000625	0.519296
ENSG0000	mucosal h	Inflamed	CLDN2	protein_cc	chrX	1.06E+08	1.06E+08	+	3410	1141.337	0.00716	-1.88018	0.419414	-4.48287	1.98E-05	0.000627	0.521326
ENSG0000	mucosal h	Inflamed	GATA6-AS	lincRNA	chr18	19746859	19748929	-	1823	136.9952	0.004773	1.293211	0.288586	4.481206	2.00E-05	0.00063	0.524721
ENSG0000	mucosal h	Inflamed	RP11-644F	protein_cc	chr12	56109820	56118487	+	3510	210.5632	0	0.911591	0.203437	4.480955	2.00E-05	0.00063	0.525234
ENSG0000	mucosal h	Inflamed	UGT1A13F	pseudoger	chr2	2.35E+08	2.35E+08	+	762	1.732697	0.642005	0.680262	0.151864	4.479418	2.01E-05	0.000633	0.528385
ENSG0000	mucosal h	Inflamed	CTC-338M	lincRNA	chr5	1.81E+08	1.81E+08	+	549	1.558473	0.613365	0.607945	0.135732	4.479006	2.01E-05	0.000633	0.529232
ENSG0000	mucosal h	Inflamed	PPP1R18	protein_cc	chr6	30644166	30655672	-	4599	3992.143	0	-0.95503	0.213241	-4.47866	2.02E-05	0.000633	0.529952
ENSG0000	mucosal h	Inflamed	RP11-491F	antisense	chr16	49321341	49324138	+	654	7.933174	0.145585	0.881632	0.196875	4.478134	2.02E-05	0.000634	0.531033
ENSG0000	mucosal h	Inflamed	IGKV1-13	IG_V_pseu	chr2	89345492	89345963	-	347	34.05251	0.145585	-1.55207	0.346664	-4.47716	2.03E-05	0.000635	0.533059
ENSG0000	mucosal h	Inflamed	IGKV1D-13	IG_V_gene	chr2	90192768	90193424	+	531	1949.895	0.004773	-1.91309	0.427505	-4.47502	2.04E-05	0.00064	0.537506
ENSG0000	mucosal h	Inflamed	COX4I2	protein_cc	chr20	30225691	30232809	+	693	51.20048	0.004773	-1.06283	0.237648	-4.47229	2.07E-05	0.000646	0.543235
ENSG0000	mucosal h	Inflamed	MGP	protein_cc	chr12	15034115	15038860	-	2639	891.2745	0	-1.34482	0.300711	-4.47213	2.07E-05	0.000646	0.543583
ENSG0000	mucosal h	Inflamed	MAPK11	protein_cc	chr22	50702142	50709196	-	3321	350.1002	0	-1.03244	0.230959	-4.47022	2.08E-05	0.00065	0.547635
ENSG0000	mucosal h	Inflamed	S1PR5	protein_cc	chr19	10623623	10628607	-	2601	38.53938	0.019093	-1.19388	0.267111	-4.46962	2.09E-05	0.00065	0.548919
ENSG0000	mucosal h	Inflamed	HCK	protein_cc	chr20	30639991	30689659	+	3092	1886.279	0	-0.98451	0.220306	-4.46884	2.09E-05	0.000651	0.550589
ENSG0000	mucosal h	Inflamed	PSMB10	protein_cc	chr16	67968405	67970990	-	1853	1714.859	0	-0.47826	0.107023	-4.46874	2.10E-05	0.000651	0.550784
ENSG0000	mucosal h	Inflamed	GALNT12	protein_cc	chr9	1.02E+08	1.02E+08	+	2824	3677.613	0	1.156879	0.258924	4.468024	2.10E-05	0.000652	0.552326
ENSG0000	mucosal h	Inflamed	EMR2	protein_cc	chr19	14843205	14889353	-	8622	1545.389	0	-1.20606	0.269954	-4.46765	2.10E-05	0.000652	0.553128
ENSG0000	mucosal h	Inflamed	IGLV3-24	IG_V_pseu	chr22	23036924	23037437	+	197	7.229117	0.329356	-1.18796	0.265925	-4.46729	2.11E-05	0.000652	0.553905
ENSG0000	mucosal h	Inflamed	PRDX6	protein_cc	chr1	1.73E+08	1.73E+08	+	2367	11467.15	0	0.726349	0.162644	4.465888	2.12E-05	0.000655	0.556932
ENSG0000	mucosal h	Inflamed	H19	processed	chr11	2016406	2022700	-	2812	672.0859	0.004773	-1.80369	0.403968	-4.46494	2.13E-05	0.000657	0.558983
ENSG0000	mucosal h	Inflamed	PTGES	protein_cc	chr9	1.33E+08	1.33E+08	-	1896	176.2291	0	-1.40571	0.314869	-4.46441	2.13E-05	0.000657	0.560128
ENSG0000	mucosal h	Inflamed	MT-TM	Mt_tRNA	chrM	4402	4469	+	68	373.3413	0	0.992302	0.222298	4.463843	2.14E-05	0.000658	0.561373
ENSG0000	mucosal h	Inflamed	VLDLR	protein_cc	chr9	2621834	2660053	+	9339	252.7685	0	1.021152	0.228791	4.463247	2.14E-05	0.000659	0.562675
ENSG0000	mucosal h	Inflamed	ZG16	protein_cc	chr16	29789561	29793096	+	1934	30948.41	0	2.464658	0.55238	4.461885	2.15E-05	0.000662	0.56566
ENSG0000	mucosal h	Inflamed	ACKR4	protein_cc	chr3	1.32E+08	1.32E+08	+	2273	88.51074	0.009547	-1.38939	0.311438	-4.4612	2.16E-05	0.000662	0.567168
ENSG0000	mucosal h	Inflamed	MS4A3	protein_cc	chr11	59824060	59838601	+	2095	3.639618	0.410501	-0.81263	0.182157	-4.46112	2.16E-05	0.000662	0.567336
ENSG0000	mucosal h	Inflamed	F11R	protein_cc	chr1	1.61E+08	1.61E+08	-	2114	9.071599	0.102625	0.800232	0.179398	4.460651	2.16E-05	0.000662	0.568376
ENSG0000	mucosal h	Inflamed	HMGA2	protein_cc	chr12	66217911	66360075	+	14808	169.9642	0.002387	1.040917	0.23346	4.45865	2.18E-05	0.000665	0.572809
ENSG0000	mucosal h	Inflamed	IGHV2-70	IG_V_gene	chr14	1.07E+08	1.07E+08	-	433	4440.604	0.009547	-1.86698	0.418747	-4.45849	2.18E-05	0.000665	0.573158

ENSG0000	mucosal h	Inflamed	ENPP7P11	pseudoger	chr4	9678932	9679558	+	627	65.11933	0.02864	1.663489	0.373109	4.458451	2.18E-05	0.000665	0.57325
ENSG0000	mucosal h	Inflamed	SERPING1	protein_cc	chr11	57364860	57382326	+	3603	6577.623	0	-1.01646	0.227988	-4.45838	2.18E-05	0.000665	0.573402
ENSG0000	mucosal h	Inflamed	PDZK1IP1	protein_cc	chr1	47649265	47656716	-	1438	5309.575	0	-1.4609	0.327704	-4.45799	2.18E-05	0.000665	0.574274
ENSG0000	mucosal h	Inflamed	RNF125	protein_cc	chr18	29598335	29653176	+	6508	660.4821	0	0.87467	0.196235	4.457261	2.19E-05	0.000667	0.575905
ENSG0000	mucosal h	Inflamed	IGLV3-25	IG_V_gene	chr22	23029190	23029735	+	380	6859.384	0	-1.81009	0.406149	-4.45671	2.20E-05	0.000667	0.577147
ENSG0000	mucosal h	Inflamed	SLC6A14	protein_cc	chrX	1.16E+08	1.16E+08	+	4521	2098.069	0.002387	-2.22834	0.5001	-4.4558	2.20E-05	0.000669	0.579189
ENSG0000	mucosal h	Inflamed	RNU6-343	snRNA	chr12	56982302	56982405	+	104	2.047733	0.453461	0.668427	0.150082	4.45375	2.22E-05	0.000673	0.583803
ENSG0000	mucosal h	Inflamed	RELT	protein_cc	chr11	73087309	73108519	+	6322	669.7947	0	-0.89563	0.2012	-4.45143	2.24E-05	0.000679	0.589078
ENSG0000	mucosal h	Inflamed	NAAA	protein_cc	chr4	76831809	76862204	-	5154	2428.831	0	0.717609	0.161227	4.450925	2.25E-05	0.000679	0.590236
ENSG0000	mucosal h	Inflamed	FRMD1	protein_cc	chr6	1.68E+08	1.68E+08	-	5788	1189.621	0.00716	2.03253	0.456781	4.449685	2.26E-05	0.000682	0.593081
ENSG0000	mucosal h	Inflamed	BAG1	protein_cc	chr9	33247818	33264761	-	7108	3422.721	0	0.437425	0.098337	4.448209	2.27E-05	0.000685	0.596483
ENSG0000	mucosal h	Inflamed	DNAJC5B	protein_cc	chr8	66933795	67012751	+	2927	26.39618	0.011933	-0.9464	0.21278	-4.44778	2.27E-05	0.000685	0.597469
ENSG0000	mucosal h	Inflamed	IGHV3-13	IG_V_gene	chr14	1.07E+08	1.07E+08	-	428	1384.322	0.002387	-1.63894	0.368504	-4.44754	2.27E-05	0.000685	0.598027
ENSG0000	mucosal h	Inflamed	DUSP4	protein_cc	chr8	29190581	29208185	-	7257	816.9069	0	-1.16161	0.261307	-4.44537	2.29E-05	0.00069	0.603074
ENSG0000	mucosal h	Inflamed	RP11-8L2.1	processed_c	chr4	84717589	85214565	-	3588	2.610979	0.570406	0.728574	0.163912	4.444901	2.30E-05	0.00069	0.60418
ENSG0000	mucosal h	Inflamed	TTC9	protein_cc	chr14	71108504	71142077	+	5217	443.1838	0	-1.14065	0.256696	-4.44358	2.31E-05	0.000693	0.607269
ENSG0000	mucosal h	Inflamed	CLEC4D	protein_cc	chr12	8662071	8674962	+	2013	31.95465	0.26253	-1.88751	0.424797	-4.44333	2.31E-05	0.000693	0.607859
ENSG0000	mucosal h	Inflamed	NTRK1	protein_cc	chr1	1.57E+08	1.57E+08	+	4356	42.69212	0.01432	-0.9524	0.214408	-4.44201	2.32E-05	0.000696	0.610986
ENSG0000	mucosal h	Inflamed	ULBP2	protein_cc	chr6	1.5E+08	1.5E+08	+	1349	10.57518	0.116945	-1.12764	0.253867	-4.44185	2.33E-05	0.000696	0.611375
ENSG0000	mucosal h	Inflamed	EFCAB5	protein_cc	chr17	28256218	28435470	+	6928	21.24344	0.01432	0.908487	0.204591	4.440493	2.34E-05	0.000698	0.614584
ENSG0000	mucosal h	Inflamed	IGLV3-27	IG_V_gene	chr22	23010758	23011276	+	377	712.1408	0.002387	-1.74725	0.393731	-4.43767	2.36E-05	0.000705	0.621346
ENSG0000	mucosal h	Inflamed	PDCD1	protein_cc	chr2	2.43E+08	2.43E+08	-	2114	270.136	0	-1.14776	0.258672	-4.4371	2.37E-05	0.000706	0.622709
ENSG0000	mucosal h	Inflamed	APOL2	protein_cc	chr22	36622256	36636000	-	3477	3123.263	0	-0.83784	0.189015	-4.43269	2.41E-05	0.000717	0.633436
ENSG0000	mucosal h	Inflamed	ZNRF3	protein_cc	chr22	29279580	29453475	+	6968	568.9737	0	0.773542	0.174571	4.431094	2.42E-05	0.00072	0.637353
ENSG0000	mucosal h	Inflamed	PRDM1	protein_cc	chr6	1.07E+08	1.07E+08	+	6369	2726.749	0	-0.87848	0.198259	-4.43098	2.43E-05	0.00072	0.637642
ENSG0000	mucosal h	Inflamed	ZADH2	protein_cc	chr18	72907063	72921303	-	8157	1859.379	0	0.59454	0.134193	4.430485	2.43E-05	0.000721	0.638854
ENSG0000	mucosal h	Inflamed	KIAA0125	protein_cc	chr14	1.06E+08	1.06E+08	+	3208	750.8568	0	-1.39433	0.314861	-4.42838	2.45E-05	0.000726	0.644064
ENSG0000	mucosal h	Inflamed	SEMA3E	protein_cc	chr7	82993222	83278326	-	6748	19.59189	0.095465	1.286209	0.290461	4.428157	2.45E-05	0.000726	0.644631
ENSG0000	mucosal h	Inflamed	RGMB	protein_cc	chr5	98104354	98134347	+	6671	2478.702	0	0.967217	0.21848	4.42702	2.46E-05	0.000728	0.647472
ENSG0000	mucosal h	Inflamed	ITPKA	protein_cc	chr15	41785591	41795747	+	2090	867.6062	0	0.934722	0.211173	4.426334	2.47E-05	0.000729	0.649189
ENSG0000	mucosal h	Inflamed	RP3-406A7	lincRNA	chr6	1.37E+08	1.37E+08	-	374	35.61575	0	1.036014	0.23406	4.426284	2.47E-05	0.000729	0.649316
ENSG0000	mucosal h	Inflamed	IGHV3-53	IG_V_gene	chr14	1.07E+08	1.07E+08	-	569	2820.613	0	-1.65449	0.373814	-4.42597	2.47E-05	0.000729	0.650114
ENSG0000	mucosal h	Inflamed	RP5-884M	lincRNA	chr7	1.06E+08	1.06E+08	+	3542	77.30072	0.155131	-1.80464	0.407767	-4.42565	2.48E-05	0.000729	0.650907
ENSG0000	mucosal h	Inflamed	RP4-614O4	antisense	chr20	33855688	33867846	-	529	12.97613	0.057279	0.809874	0.183017	4.425126	2.48E-05	0.00073	0.65223
ENSG0000	mucosal h	Inflamed	RP5-1061F	lincRNA	chr1	2.29E+08	2.29E+08	-	1155	14.47494	0.042959	0.828629	0.187277	4.424616	2.49E-05	0.00073	0.653515
ENSG0000	mucosal h	Inflamed	FAAH	protein_cc	chr1	46859937	46879520	+	2776	1533.542	0	0.812135	0.183556	4.424444	2.49E-05	0.00073	0.653949
ENSG0000	mucosal h	Inflamed	LRRC3B	protein_cc	chr3	26664297	26752267	+	3271	4.119332	0.508353	0.93461	0.211308	4.422978	2.50E-05	0.000733	0.657664
ENSG0000	mucosal h	Inflamed	TNFAIP8L2	protein_cc	chr1	1.51E+08	1.51E+08	+	1178	208.6778	0	-0.76535	0.173111	-4.42114	2.52E-05	0.000738	0.662362
ENSG0000	mucosal h	Inflamed	PCBP3	protein_cc	chr21	47063608	47362368	+	6796	223.2792	0	-1.13215	0.256191	-4.41915	2.54E-05	0.000742	0.667456
ENSG0000	mucosal h	Inflamed	RP11-156E	protein_cc	chr1	2.45E+08	2.45E+08	-	1739	27.84248	0.011933	0.940284	0.212879	4.416994	2.56E-05	0.000747	0.67304

ENSG0000	mucosal h	Inflamed	ACAN	protein_cc	chr15	89346674	89418585	+	10908	51.64678	0.078759	-1.74135	0.394242	-4.41697	2.56E-05	0.000747	0.673104
ENSG0000	mucosal h	Inflamed	IGHV4-39	IG_V_gene	chr14	1.07E+08	1.07E+08	-	425	16459.82	0	-1.65106	0.373893	-4.41586	2.57E-05	0.000748	0.675981
ENSG0000	mucosal h	Inflamed	CSF2	protein_cc	chr5	1.31E+08	1.31E+08	+	783	48.97136	0.143198	-1.93616	0.438462	-4.41581	2.57E-05	0.000748	0.676128
ENSG0000	mucosal h	Inflamed	PITPNC1	protein_cc	chr17	65373575	65693372	+	7642	1173.117	0	-0.61217	0.138634	-4.41573	2.57E-05	0.000748	0.676345
ENSG0000	mucosal h	Inflamed	SHISA5	protein_cc	chr3	48509197	48542259	-	4586	6936.496	0	-0.42216	0.095651	-4.41355	2.59E-05	0.000754	0.682044
ENSG0000	mucosal h	Inflamed	CCR1	protein_cc	chr3	46243200	46249887	-	2731	700.3747	0	-1.07431	0.24353	-4.4114	2.62E-05	0.000759	0.687724
ENSG0000	mucosal h	Inflamed	SAMD13	protein_cc	chr1	84764049	84855640	+	3589	173.5752	0.002387	1.062635	0.240894	4.411213	2.62E-05	0.000759	0.688224
ENSG0000	mucosal h	Inflamed	IL21	protein_cc	chr4	1.24E+08	1.24E+08	-	629	4.300716	0.4821	-1.04111	0.236038	-4.4108	2.62E-05	0.000759	0.68933
ENSG0000	mucosal h	Inflamed	BEAN1	protein_cc	chr16	66461200	66527432	+	7165	36.90692	0.105012	-1.70447	0.38658	-4.40909	2.64E-05	0.000763	0.693883
ENSG0000	mucosal h	Inflamed	PPP1R26- antisense	antisense	chr9	1.38E+08	1.38E+08	-	3750	168.9069	0.00716	1.0206	0.231482	4.408977	2.64E-05	0.000763	0.694183
ENSG0000	mucosal h	Inflamed	IMPDH1	protein_cc	chr7	1.28E+08	1.28E+08	-	3662	2418.876	0	-0.56818	0.128976	-4.40531	2.68E-05	0.000771	0.704074
ENSG0000	mucosal h	Inflamed	SELL	protein_cc	chr1	1.7E+08	1.7E+08	-	2725	1306.914	0	-1.82656	0.414633	-4.40525	2.68E-05	0.000771	0.704235
ENSG0000	mucosal h	Inflamed	NDUFA4L2	protein_cc	chr12	57628686	57634498	-	2806	287.1527	0	-1.22186	0.277367	-4.40522	2.68E-05	0.000771	0.704311
ENSG0000	mucosal h	Inflamed	HSH2D	protein_cc	chr19	16244838	16269386	+	3399	2116.874	0	-0.58695	0.133262	-4.40452	2.69E-05	0.000773	0.70622
ENSG0000	mucosal h	Inflamed	STX11	protein_cc	chr6	1.44E+08	1.45E+08	+	1926	326.599	0.002387	-1.11112	0.252352	-4.40307	2.70E-05	0.000776	0.710174
ENSG0000	mucosal h	Inflamed	HTRA3	protein_cc	chr4	8271492	8308838	+	3321	1223.031	0	-1.30202	0.295809	-4.40157	2.72E-05	0.000779	0.714301
ENSG0000	mucosal h	Inflamed	AC016747	processed	chr2	61368732	61372104	-	3104	69.26253	0.002387	-0.94855	0.215506	-4.40149	2.72E-05	0.000779	0.714506
ENSG0000	mucosal h	Inflamed	RP11-503C	sense_intr	chr6	1.69E+08	1.69E+08	-	2559	10.9642	0.238663	1.053453	0.239358	4.401161	2.72E-05	0.000779	0.715415
ENSG0000	mucosal h	Inflamed	ENG	protein_cc	chr9	1.31E+08	1.31E+08	-	3710	6547.759	0	-1.01798	0.231339	-4.40037	2.73E-05	0.000781	0.717584
ENSG0000	mucosal h	Inflamed	IGLV8-61	IG_V_gene	chr22	22453110	22453622	+	414	2969.332	0	-1.65831	0.376905	-4.3998	2.74E-05	0.000782	0.719187
ENSG0000	mucosal h	Inflamed	GLP2R	protein_cc	chr17	9725523	9795419	+	6052	351.895	0	1.194378	0.271488	4.399384	2.74E-05	0.000782	0.720328
ENSG0000	mucosal h	Inflamed	B3GNT8	protein_cc	chr19	41931264	41934635	-	1874	1291.685	0	0.820522	0.186542	4.398581	2.75E-05	0.000784	0.722559
ENSG0000	mucosal h	Inflamed	PDIA4	protein_cc	chr7	1.49E+08	1.49E+08	-	3277	15493.18	0	-0.49912	0.11349	-4.39795	2.76E-05	0.000785	0.724325
ENSG0000	mucosal h	Inflamed	CTD-2611C	pseudoger	chr19	56218707	56219330	+	624	27.48687	0.059666	1.184869	0.269458	4.397232	2.76E-05	0.000785	0.726323
ENSG0000	mucosal h	Inflamed	MT-ND2	protein_cc	chrM	4470	5511	+	1042	402854.8	0	0.606382	0.137902	4.397189	2.76E-05	0.000785	0.726443
ENSG0000	mucosal h	Inflamed	SIRT5	protein_cc	chr6	13574816	13614790	+	5368	582.6468	0	0.506828	0.115275	4.396672	2.77E-05	0.000786	0.727889
ENSG0000	mucosal h	Inflamed	CD300LF	protein_cc	chr17	72690452	72709117	-	2159	320.673	0	-0.75056	0.170789	-4.39464	2.79E-05	0.000791	0.733616
ENSG0000	mucosal h	Inflamed	ELL2	protein_cc	chr5	95220802	95297775	-	7246	2321.671	0	-0.97891	0.222763	-4.39441	2.79E-05	0.000791	0.734267
ENSG0000	mucosal h	Inflamed	IGKV7-3	IG_V_pseu	chr2	89214597	89214894	-	298	13.14081	0.200477	-1.29358	0.294722	-4.38916	2.85E-05	0.000807	0.749246
ENSG0000	mucosal h	Inflamed	RP11-209E	lincRNA	chr15	53408562	53421895	+	601	15.31981	0.360382	1.339897	0.305332	4.388332	2.86E-05	0.000808	0.751626
ENSG0000	mucosal h	Inflamed	RINL	protein_cc	chr19	39358470	39368919	-	4205	412.3365	0	-0.7197	0.164102	-4.3857	2.89E-05	0.000816	0.75927
ENSG0000	mucosal h	Inflamed	RP11-112L	lincRNA	chr20	48780001	48782639	-	733	3.684964	0.336516	-0.79678	0.181687	-4.38543	2.89E-05	0.000816	0.760051
ENSG0000	mucosal h	Inflamed	SLC15A3	protein_cc	chr11	60704556	60720002	-	6118	1743.453	0	-0.75521	0.172238	-4.38472	2.90E-05	0.000817	0.762131
ENSG0000	mucosal h	Inflamed	LINC0023E	processed	chr14	66953072	66965271	+	1417	7.739857	0.260143	0.998045	0.227651	4.384095	2.91E-05	0.000818	0.763971
ENSG0000	mucosal h	Inflamed	RP11-123J	pseudoger	chr4	77807182	77807523	-	342	3.71599	0.372315	0.760117	0.173391	4.383826	2.91E-05	0.000818	0.764761
ENSG0000	mucosal h	Inflamed	FJX1	protein_cc	chr11	35639735	35642419	+	2685	159.9045	0.00716	-1.37695	0.314162	-4.38292	2.92E-05	0.00082	0.767432
ENSG0000	mucosal h	Inflamed	MLC1	protein_cc	chr22	50497820	50524331	-	4297	54.46062	0.023866	-1.41978	0.323994	-4.3821	2.93E-05	0.000822	0.769839
ENSG0000	mucosal h	Inflamed	IL4I1	protein_cc	chr19	50392911	50432796	-	2563	548.8473	0	-1.23275	0.281402	-4.38075	2.94E-05	0.000824	0.773849
ENSG0000	mucosal h	Inflamed	SLC9B2	protein_cc	chr4	1.04E+08	1.04E+08	-	5469	207.6253	0	-0.99493	0.227117	-4.38071	2.94E-05	0.000824	0.77397
ENSG0000	mucosal h	Inflamed	PIGZ	protein_cc	chr3	1.97E+08	1.97E+08	-	3211	2712.305	0	1.148808	0.262267	4.380303	2.95E-05	0.000825	0.775182

ENSG0000	mucosal h	Inflamed	RP11-126C antisense	chr17	202429	207372	+	748	41.83771	0.016706	1.019939	0.232893	4.379429	2.96E-05	0.000826	0.77779	
ENSG0000	mucosal h	Inflamed	IGHV2-5	IG_V_gene	chr14	1.06E+08	1.06E+08	-	377	6412.215	0	-1.52657	0.348587	-4.37931	2.96E-05	0.000826	0.778145
ENSG0000	mucosal h	Inflamed	CETP	protein_cc	chr16	56995762	57017757	+	2085	75.50835	0.00716	-1.20368	0.274871	-4.37908	2.96E-05	0.000826	0.778844
ENSG0000	mucosal h	Inflamed	RP11-316F	lincRNA	chr9	92316566	92334585	+	822	6.687351	0.224344	-0.94467	0.215785	-4.37782	2.98E-05	0.000829	0.782609
ENSG0000	mucosal h	Inflamed	APOH	protein_cc	chr17	64208151	64252643	-	1332	3.856802	0.451074	0.877075	0.200351	4.377684	2.98E-05	0.000829	0.783021
ENSG0000	mucosal h	Inflamed	RHOH	protein_cc	chr1	2.29E+08	2.29E+08	+	4372	1569.408	0	1.070392	0.24456	4.376813	2.99E-05	0.00083	0.785642
ENSG0000	mucosal h	Inflamed	ITGB2	protein_cc	chr21	46305868	46351904	-	6797	6183.776	0	-0.95846	0.21902	-4.37613	3.00E-05	0.000832	0.787709
ENSG0000	mucosal h	Inflamed	MYO1G	protein_cc	chr7	45002261	45018697	-	8653	1283.862	0	-0.96683	0.221125	-4.37232	3.04E-05	0.000843	0.799312
ENSG0000	mucosal h	Inflamed	FAP	protein_cc	chr2	1.63E+08	1.63E+08	-	7003	181.5656	0.01432	-1.82985	0.418621	-4.37115	3.05E-05	0.000846	0.802917
ENSG0000	mucosal h	Inflamed	CMTM4	protein_cc	chr16	66648653	66730610	-	8117	8551.907	0	0.972792	0.222643	4.3693	3.08E-05	0.000851	0.808625
ENSG0000	mucosal h	Inflamed	WAS	protein_cc	chrX	48534985	48549818	+	2381	1175.014	0	-0.96469	0.220871	-4.36765	3.10E-05	0.000856	0.813767
ENSG0000	mucosal h	Inflamed	RN7SL728l	misc_RNA	chr4	1.03E+08	1.03E+08	-	298	1.119332	0.713604	0.483248	0.110683	4.366058	3.11E-05	0.00086	0.818741
ENSG0000	mucosal h	Inflamed	SEC14L1	protein_cc	chr17	75082798	75213179	+	10846	5528.599	0	-0.68701	0.157449	-4.36339	3.15E-05	0.000868	0.82717
ENSG0000	mucosal h	Inflamed	TPPA	protein_cc	chr8	63961112	63998612	-	2389	96.29117	0.02148	1.365825	0.313067	4.36273	3.15E-05	0.000869	0.829254
ENSG0000	mucosal h	Inflamed	CLDN8	protein_cc	chr21	31586324	31588391	-	2068	198.4177	0.408115	2.528238	0.57959	4.362112	3.16E-05	0.00087	0.83122
ENSG0000	mucosal h	Inflamed	ANGPT2	protein_cc	chr8	6357172	6420930	-	6784	134.327	0.00716	-1.30941	0.300344	-4.3597	3.19E-05	0.000878	0.838938
ENSG0000	mucosal h	Inflamed	APOE	protein_cc	chr19	45409011	45412650	+	2191	6253.969	0	-0.81586	0.187178	-4.35872	3.20E-05	0.00088	0.842097
ENSG0000	mucosal h	Inflamed	RP5-1071l	antisense	chr1	21619783	21626267	+	2479	28.8043	0.016706	-0.9984	0.229075	-4.35841	3.21E-05	0.00088	0.843092
ENSG0000	mucosal h	Inflamed	BAIAP3	protein_cc	chr16	1383602	1399439	+	6143	314.6158	0	0.881209	0.20221	4.357884	3.21E-05	0.000881	0.844791
ENSG0000	mucosal h	Inflamed	CPNE2	protein_cc	chr16	57126449	57181878	+	7380	2577.453	0	0.495854	0.113803	4.357118	3.22E-05	0.000883	0.847274
ENSG0000	mucosal h	Inflamed	IGFBP7	protein_cc	chr4	57896939	57976551	-	1932	8715.718	0	-0.99373	0.228154	-4.35555	3.24E-05	0.000887	0.852391
ENSG0000	mucosal h	Inflamed	ILDRL	protein_cc	chr3	1.22E+08	1.22E+08	-	2953	758.9021	0	0.924406	0.212244	4.355386	3.24E-05	0.000887	0.85291
ENSG0000	mucosal h	Inflamed	AGAP1	protein_cc	chr2	2.36E+08	2.37E+08	+	13896	3369.623	0	0.666168	0.152993	4.354242	3.26E-05	0.00089	0.856653
ENSG0000	mucosal h	Inflamed	ZNF33B	processed	chr10	43069633	43134016	-	2810	91.29356	0	0.546852	0.125638	4.352589	3.28E-05	0.000894	0.862091
ENSG0000	mucosal h	Inflamed	C1orf226	protein_cc	chr1	1.62E+08	1.62E+08	+	4487	1371.635	0	0.821121	0.188656	4.352475	3.28E-05	0.000894	0.862467
ENSG0000	mucosal h	Inflamed	KCNJ8	protein_cc	chr12	21917889	21928515	-	2484	119.2578	0	-1.21118	0.278362	-4.35109	3.30E-05	0.000898	0.867064
ENSG0000	mucosal h	Inflamed	KLLN	protein_cc	chr10	89618918	89623194	-	4277	67.0716	0.011933	0.795568	0.182872	4.35041	3.31E-05	0.000899	0.86931
ENSG0000	mucosal h	Inflamed	ZACN	protein_cc	chr17	74068042	74079747	+	4307	8.420048	0.112172	-0.92997	0.213828	-4.34918	3.32E-05	0.000902	0.873425
ENSG0000	mucosal h	Inflamed	TNFRSF18	protein_cc	chr1	1138888	1142071	-	1370	294.1313	0	-0.93719	0.215498	-4.34893	3.33E-05	0.000902	0.874259
ENSG0000	mucosal h	Inflamed	CA12	protein_cc	chr15	63613577	63674360	-	7313	16402.57	0	0.983931	0.226335	4.347237	3.35E-05	0.000907	0.879923
ENSG0000	mucosal h	Inflamed	NCF1C	pseudoger	chr7	74572445	74587848	-	1892	271.4606	0	-1.033	0.237748	-4.34494	3.38E-05	0.000914	0.887694
ENSG0000	mucosal h	Inflamed	MT-ND4L	protein_cc	chrM	10470	10766	+	297	141014.5	0	0.562426	0.129495	4.343219	3.40E-05	0.000919	0.893544
ENSG0000	mucosal h	Inflamed	H1FO	protein_cc	chr22	38201114	38203442	+	2329	8982.845	0	0.518586	0.119404	4.343117	3.40E-05	0.000919	0.893895
ENSG0000	mucosal h	Inflamed	CEACAM1l	protein_cc	chr19	45202421	45213986	+	1702	2.97136	0.460621	0.757932	0.174542	4.342398	3.41E-05	0.00092	0.896353
ENSG0000	mucosal h	Inflamed	GUCA2B	protein_cc	chr1	42619092	42621495	+	597	1477.284	0.004773	2.278252	0.524674	4.342224	3.41E-05	0.00092	0.896951
ENSG0000	mucosal h	Inflamed	CTD-2132l	sense_intr	chr17	40190250	40190752	-	503	10.84248	0.064439	0.787803	0.181466	4.341336	3.42E-05	0.000922	0.9
ENSG0000	mucosal h	Inflamed	PAEP	protein_cc	chr9	1.38E+08	1.38E+08	+	1454	6.801909	0.501193	-1.17399	0.270438	-4.34108	3.43E-05	0.000922	0.900894
ENSG0000	mucosal h	Inflamed	ECHDC2	protein_cc	chr1	53361656	53392884	-	11498	2735.37	0	0.759788	0.17503	4.340897	3.43E-05	0.000922	0.901509
ENSG0000	mucosal h	Inflamed	CHAD	protein_cc	chr17	48541857	48546327	-	1802	238.6468	0.00716	1.798918	0.414436	4.340637	3.43E-05	0.000922	0.902405
ENSG0000	mucosal h	Inflamed	AGAP11	processed	chr10	88752163	88769960	+	4560	5.360382	0.257757	0.827813	0.190746	4.339884	3.44E-05	0.000923	0.905007

ENSG0000	mucosal hi Inflamed	PIWIL2	protein_cc chr8	22132810	22215076	+	5751	68.91647	0.002387	0.943307	0.217393	4.33917	3.45E-05	0.000925	0.907478
ENSG0000	mucosal hi Inflamed	PRF1	protein_cc chr10	72357104	72362531	-	2534	581.3986	0	-0.8821	0.203297	-4.33896	3.45E-05	0.000925	0.908208
ENSG0000	mucosal hi Inflamed	AC129492	protein_cc chr17	7982800	7984883	+	1804	24.34368	0.042959	1.188859	0.274035	4.338341	3.46E-05	0.000925	0.910355
ENSG0000	mucosal hi Inflamed	LINC0093C	lincRNA chr15	93111048	93115272	-	1657	19.32458	0.097852	1.25374	0.288996	4.338259	3.46E-05	0.000925	0.910639
ENSG0000	mucosal hi Inflamed	RPL29P30	pseudoger chr15	71088936	71095027	-	946	4.661098	0.48926	1.022737	0.235795	4.337394	3.48E-05	0.000927	0.913654
ENSG0000	mucosal hi Inflamed	RP11-483E	lincRNA chr3	1.5E+08	1.5E+08	-	335	0.866348	0.785203	0.401553	0.092592	4.336816	3.48E-05	0.000927	0.915672
ENSG0000	mucosal hi Inflamed	MB	protein_cc chr22	36002811	36033998	-	3020	257.7112	0.00716	1.519678	0.350418	4.336753	3.48E-05	0.000927	0.915892
ENSG0000	mucosal hi Inflamed	ELOVL3	protein_cc chr10	1.04E+08	1.04E+08	+	1371	7.99284	0.138425	-1.00394	0.231499	-4.33668	3.48E-05	0.000927	0.916132
ENSG0000	mucosal hi Inflamed	TRPV1	protein_cc chr17	3468738	3500392	-	4995	18.09308	0.054893	0.907662	0.209308	4.33648	3.49E-05	0.000927	0.916848
ENSG0000	mucosal hi Inflamed	LINC00842	lincRNA chr10	47011753	47174018	-	4893	19.80668	0.026253	0.991621	0.228717	4.335572	3.50E-05	0.000929	0.920032
ENSG0000	mucosal hi Inflamed	SERHL	processed_chr22	42896585	42908566	+	1742	5.520286	0.183771	0.81119	0.187112	4.335313	3.50E-05	0.000929	0.920943
ENSG0000	mucosal hi Inflamed	RDH5	protein_cc chr12	56114151	56118489	+	2983	223.3795	0	0.774	0.17854	4.33517	3.50E-05	0.000929	0.921447
ENSG0000	mucosal hi Inflamed	TMEM89	protein_cc chr3	48658192	48659288	-	662	7.28401	0.145585	0.927449	0.21399	4.334085	3.52E-05	0.000932	0.92527
ENSG0000	mucosal hi Inflamed	CTD-2342f	lincRNA chr8	1.36E+08	1.36E+08	+	1003	5.945107	0.245823	-1.01104	0.233375	-4.33226	3.54E-05	0.000937	0.931736
ENSG0000	mucosal hi Inflamed	IL13RA2	protein_cc chrX	1.14E+08	1.14E+08	-	1626	164.5179	0.019093	-2.09317	0.483164	-4.33222	3.54E-05	0.000937	0.931896
ENSG0000	mucosal hi Inflamed	GMFG	protein_cc chr19	39818993	39833012	-	1490	584.327	0	-0.94789	0.218865	-4.33095	3.56E-05	0.00094	0.936416
ENSG0000	mucosal hi Inflamed	ANGPTL4	protein_cc chr19	8428173	8439257	+	2482	668.0549	0	-1.21589	0.280791	-4.33023	3.57E-05	0.000942	0.938986
ENSG0000	mucosal hi Inflamed	PRR26	protein_cc chr10	695888	711109	+	4833	288.8305	0	0.873992	0.201874	4.329396	3.58E-05	0.000944	0.941977
ENSG0000	mucosal hi Inflamed	FAM225A	lincRNA chr9	1.16E+08	1.16E+08	+	6100	30.56086	0.004773	-0.93203	0.215326	-4.32848	3.60E-05	0.000946	0.945256
ENSG0000	mucosal hi Inflamed	MCF2L-AS1	antisense chr13	1.14E+08	1.14E+08	-	712	58.92363	0.002387	0.822388	0.190015	4.328008	3.60E-05	0.000947	0.946976
ENSG0000	mucosal hi Inflamed	RUNDC3B	protein_cc chr7	87256864	87461611	+	4710	84.8568	0.019093	1.048736	0.242363	4.327136	3.61E-05	0.000949	0.950132
ENSG0000	mucosal hi Inflamed	CTD-2555c	lincRNA chr14	1.03E+08	1.03E+08	+	1603	86.30072	0.004773	-1.27405	0.294556	-4.32533	3.64E-05	0.000955	0.956691
ENSG0000	mucosal hi Inflamed	PTPRO	protein_cc chr12	15475331	15750333	+	7519	381.9427	0	1.237761	0.286233	4.32431	3.65E-05	0.000956	0.960426
ENSG0000	mucosal hi Inflamed	ITPRIPL1	protein_cc chr2	96991069	96994091	+	2495	102.3938	0	-0.81384	0.188209	-4.32414	3.66E-05	0.000956	0.961041
ENSG0000	mucosal hi Inflamed	AKAP7	protein_cc chr6	1.31E+08	1.32E+08	+	4394	375.6516	0	0.887233	0.205182	4.324127	3.66E-05	0.000956	0.961093
ENSG0000	mucosal hi Inflamed	SBNO2	protein_cc chr19	1107636	1174282	-	6476	7246.43	0	-0.78542	0.181661	-4.32357	3.66E-05	0.000957	0.963133
ENSG0000	mucosal hi Inflamed	GNGT2	protein_cc chr17	47280153	47287936	-	1689	97.24821	0	-0.61356	0.141937	-4.32278	3.67E-05	0.000959	0.966041
ENSG0000	mucosal hi Inflamed	TRPM4	protein_cc chr19	49660998	49715093	+	6604	8946.905	0	0.728454	0.16853	4.322392	3.68E-05	0.00096	0.967471
ENSG0000	mucosal hi Inflamed	IGKV2D-24	IG_V_gene chr2	90043607	90044439	+	390	158.9117	0.004773	-1.39099	0.321889	-4.32135	3.69E-05	0.000963	0.971334
ENSG0000	mucosal hi Inflamed	RP11-44M	pseudoger chr7	1E+08	1E+08	+	1006	2.448687	0.463007	0.628599	0.145493	4.32047	3.71E-05	0.000965	0.974585
ENSG0000	mucosal hi Inflamed	RP11-493L	lincRNA chr12	47641907	47651322	+	510	7.116945	0.162291	-0.93865	0.217274	-4.3201	3.71E-05	0.000965	0.975966
ENSG0000	mucosal hi Inflamed	USP30-AS1	antisense chr12	1.09E+08	1.09E+08	-	656	108.3222	0	-0.70289	0.162708	-4.31996	3.71E-05	0.000965	0.97648
ENSG0000	mucosal hi Inflamed	P2RY4	protein_cc chrX	69478016	69479654	-	1639	18.80668	0.116945	1.246513	0.288706	4.317592	3.75E-05	0.000972	0.985327
ENSG0000	mucosal hi Inflamed	HOXA6	protein_cc chr7	27185015	27190222	-	1285	230.8687	0.016706	1.155907	0.267725	4.317511	3.75E-05	0.000972	0.98563
ENSG0000	mucosal hi Inflamed	PLCG2	protein_cc chr16	81772702	81991899	+	9017	2322.298	0	-0.9694	0.224601	-4.31608	3.77E-05	0.000976	0.991009
ENSG0000	mucosal hi Inflamed	RP11-797f	lincRNA chr15	77334178	77335533	-	1356	40.75418	0.004773	0.845648	0.195941	4.315834	3.77E-05	0.000976	0.991947
ENSG0000	mucosal hi Inflamed	RP11-108f	lincRNA chr18	56481112	56501596	+	478	2.217184	0.553699	-0.72561	0.168243	-4.31286	3.82E-05	0.000985	1
ENSG0000	mucosal hi Inflamed	CD300C	protein_cc chr17	72537247	72542282	-	1517	121.5776	0	-0.99647	0.231053	-4.31271	3.82E-05	0.000985	1
ENSG0000	mucosal hi Inflamed	AC112229	lincRNA chr2	1.11E+08	1.11E+08	-	2774	121.1432	0.00716	0.826137	0.191561	4.312658	3.82E-05	0.000985	1
ENSG0000	mucosal hi Inflamed	RPL36AP4	pseudoger chr15	90231168	90231474	-	307	10.66826	0.145585	1.091734	0.253231	4.311213	3.84E-05	0.00099	1

ENSG0000	mucosal h	Inflamed	RP11-772E	pseudoger	chr5	1.26E+08	1.26E+08	-	232	11.62768	0.155131	0.950762	0.220563	4.310608	3.85E-05	0.000991	1
ENSG0000	mucosal h	Inflamed	KRT16	protein_cc	chr17	39766030	39772151	-	2475	80.31026	0.365155	-2.62193	0.60838	-4.30969	3.86E-05	0.000994	1
ENSG0000	mucosal h	Inflamed	SP140	protein_cc	chr2	2.31E+08	2.31E+08	+	5829	447.0788	0	-1.12037	0.260037	-4.30851	3.88E-05	0.000997	1
ENSG0000	mucosal h	Inflamed	ANK1	protein_cc	chr8	41510739	41754280	-	10799	186.5561	0.009547	-1.29069	0.299636	-4.30755	3.89E-05	0.000999	1
ENSG0000	mucosal h	Inflamed	IGLV11-55	IG_V_gene	chr22	22556057	22556600	+	426	1.207637	0.718377	-0.67094	0.155772	-4.3072	3.90E-05	0.000999	1
ENSG0000	mucosal h	Inflamed	KCNJ10	protein_cc	chr1	1.6E+08	1.6E+08	-	5293	116.1981	0.016706	-1.42617	0.331129	-4.30699	3.90E-05	0.000999	1
ENSG0000	mucosal h	Inflamed	HSD11B1	protein_cc	chr1	2.1E+08	2.1E+08	+	1526	83.47255	0.011933	-1.60404	0.372435	-4.3069	3.90E-05	0.000999	1
ENSG0000	mucosal h	Inflamed	GPR141	protein_cc	chr7	37723399	37873390	+	2312	42.99523	0.009547	-0.88142	0.204701	-4.30587	3.92E-05	0.001002	1
ENSG0000	mucosal h	Inflamed	SLC4A11	protein_cc	chr20	3208063	3219836	-	4081	176.3604	0.004773	-1.13288	0.263161	-4.30488	3.93E-05	0.001005	1
ENSG0000	mucosal h	Inflamed	TAGAP	protein_cc	chr6	1.59E+08	1.59E+08	-	4089	1374.663	0	-1.28311	0.298104	-4.30423	3.94E-05	0.001007	1
ENSG0000	mucosal h	Inflamed	MAST2	protein_cc	chr1	46252659	46501796	+	7877	6413.153	0	0.586672	0.136341	4.302984	3.96E-05	0.00101	1
ENSG0000	mucosal h	Inflamed	PGF	protein_cc	chr14	75408537	75422487	-	5962	328.2267	0	-1.15139	0.267741	-4.30038	4.00E-05	0.001019	1
ENSG0000	mucosal h	Inflamed	ZDHHC11	protein_cc	chr5	710471	851101	-	7267	74.59189	0.02148	1.197079	0.278464	4.298865	4.02E-05	0.001024	1
ENSG0000	mucosal h	Inflamed	RP11-845C	sense_intr	chr18	56038798	56039898	+	1101	2.816229	0.439141	0.777837	0.180954	4.298541	4.03E-05	0.001025	1
ENSG0000	mucosal h	Inflamed	FAM189A1	protein_cc	chr15	29412457	29862927	-	5545	353.1599	0.004773	1.969475	0.458258	4.297738	4.04E-05	0.001027	1
ENSG0000	mucosal h	Inflamed	AC034220	processed_ch	chr5	1.32E+08	1.32E+08	-	2856	134.8282	0	1.119091	0.260452	4.29673	4.06E-05	0.001029	1
ENSG0000	mucosal h	Inflamed	LST1	protein_cc	chr6	31553901	31556686	+	2281	549.3031	0	-1.0083	0.234674	-4.29659	4.06E-05	0.001029	1
ENSG0000	mucosal h	Inflamed	HSD17B11	protein_cc	chr4	88257762	88312538	-	2435	3544.835	0	0.686528	0.159805	4.296041	4.07E-05	0.00103	1
ENSG0000	mucosal h	Inflamed	IGLV2-5	IG_V_pseu	chr22	23198937	23199213	+	277	66.26253	0.009547	-1.38253	0.321911	-4.29477	4.09E-05	0.001033	1
ENSG0000	mucosal h	Inflamed	IGHV4-55	IG_V_pseu	chr14	1.07E+08	1.07E+08	-	368	85.10263	0.01432	-1.38225	0.321846	-4.29476	4.09E-05	0.001033	1
ENSG0000	mucosal h	Inflamed	CACNA2D2	protein_cc	chr3	50400233	50541675	-	6319	311.1384	0.002387	1.271117	0.295988	4.294494	4.09E-05	0.001033	1
ENSG0000	mucosal h	Inflamed	LA16c-380	lincRNA	chr16	3056121	3057386	+	1266	173.2721	0	0.801736	0.186695	4.294353	4.09E-05	0.001033	1
ENSG0000	mucosal h	Inflamed	SHMT2	protein_cc	chr12	57623110	57628718	+	4838	2811.819	0	-0.44552	0.10375	-4.29413	4.10E-05	0.001033	1
ENSG0000	mucosal h	Inflamed	RP11-388M	antisense	chr16	31207452	31208284	+	833	7.408115	0.093079	0.829825	0.193293	4.293094	4.11E-05	0.001036	1
ENSG0000	mucosal h	Inflamed	SLAMF1	protein_cc	chr1	1.61E+08	1.61E+08	-	4219	446	0	-1.07065	0.249439	-4.29224	4.13E-05	0.001038	1
ENSG0000	mucosal h	Inflamed	KCNJ6	protein_cc	chr21	38979678	39288749	-	19671	8.458234	0.138425	1.112257	0.259309	4.289303	4.17E-05	0.001049	1
ENSG0000	mucosal h	Inflamed	DPF3	protein_cc	chr14	73086004	73360809	-	6868	294.7279	0	0.92587	0.216008	4.286272	4.22E-05	0.00106	1
ENSG0000	mucosal h	Inflamed	VSIG1	protein_cc	chrX	1.07E+08	1.07E+08	+	3769	223.7422	0.045346	-2.14081	0.499502	-4.2859	4.23E-05	0.001061	1
ENSG0000	mucosal h	Inflamed	RP11-1151	antisense	chr18	56202647	56205784	+	2553	11.7852	0.069212	0.852274	0.198983	4.283143	4.27E-05	0.001071	1
ENSG0000	mucosal h	Inflamed	HCAR2	protein_cc	chr12	1.23E+08	1.23E+08	-	2051	522.4296	0.011933	-2.32226	0.542296	-4.28227	4.29E-05	0.001073	1
ENSG0000	mucosal h	Inflamed	AC093415	processed_ch	chr3	37786923	37903271	-	6017	67.19809	0	0.701084	0.163747	4.281497	4.30E-05	0.001075	1
ENSG0000	mucosal h	Inflamed	RP11-806I	lincRNA	chr17	76356534	76369992	+	1188	18	0.138425	-1.44734	0.338142	-4.28027	4.32E-05	0.001079	1
ENSG0000	mucosal h	Inflamed	FOXP1-IT1	sense_intr	chr3	71619406	71623608	-	3539	3.040573	0.386635	0.739806	0.172872	4.27949	4.33E-05	0.001081	1
ENSG0000	mucosal h	Inflamed	C6orf123	protein_cc	chr6	1.68E+08	1.68E+08	-	2146	45.95943	0.01432	1.003292	0.234466	4.279057	4.34E-05	0.001082	1
ENSG0000	mucosal h	Inflamed	ADH1C	polymorph	chr4	1E+08	1E+08	-	1860	4661.227	0.002387	1.951012	0.455972	4.278796	4.34E-05	0.001082	1
ENSG0000	mucosal h	Inflamed	RP11-159I	antisense	chr11	27493276	27503980	+	1576	8.181384	0.167064	0.996975	0.233013	4.278625	4.35E-05	0.001082	1
ENSG0000	mucosal h	Inflamed	CTD-2267I	protein_cc	chr17	38516907	38520945	+	2094	347.6587	0	0.499954	0.116858	4.278292	4.35E-05	0.001082	1
ENSG0000	mucosal h	Inflamed	MT-CO3	protein_cc	chrM	9207	9990	+	784	883817.3	0	0.717263	0.167656	4.278173	4.35E-05	0.001082	1
ENSG0000	mucosal h	Inflamed	LINC0088C	lincRNA	chr3	1.57E+08	1.57E+08	-	2018	11.64439	0.042959	-0.78872	0.184382	-4.27764	4.36E-05	0.001083	1
ENSG0000	mucosal h	Inflamed	HPX	protein_cc	chr11	6452279	6463847	-	3631	58.3031	0.00716	1.000851	0.234013	4.276898	4.37E-05	0.001085	1

ENSG0000	mucosal h	Inflamed	SLC5A7	protein_cc chr2	1.09E+08	1.09E+08	+	5168	6.200477	0.305489	1.085541	0.253841	4.276463	4.38E-05	0.001086	1
ENSG0000	mucosal h	Inflamed	OSCAR	protein_cc chr19	54597933	54606000	-	2069	205.2005	0	-1.10813	0.259164	-4.27578	4.39E-05	0.001087	1
ENSG0000	mucosal h	Inflamed	SCPEP1	protein_cc chr17	55055466	55084129	+	3853	1439.403	0	-0.52887	0.123751	-4.27363	4.43E-05	0.001095	1
ENSG0000	mucosal h	Inflamed	DHRS11	protein_cc chr17	34948228	34957235	+	5462	4695.227	0	1.107785	0.259255	4.272962	4.44E-05	0.001097	1
ENSG0000	mucosal h	Inflamed	AKAP1	protein_cc chr17	55162453	55198710	+	5399	6864.687	0	0.738601	0.172876	4.272436	4.45E-05	0.001098	1
ENSG0000	mucosal h	Inflamed	RP11-350J	antisense chr6	1.5E+08	1.5E+08	+	312	18.30549	0.174224	-1.32328	0.309734	-4.2723	4.45E-05	0.001098	1
ENSG0000	mucosal h	Inflamed	IGHV3-20	IG_V_gene chr14	1.07E+08	1.07E+08	-	413	998.5036	0.002387	-1.86044	0.43553	-4.27168	4.46E-05	0.001098	1
ENSG0000	mucosal h	Inflamed	TEX14	protein_cc chr17	56634039	56769416	-	5325	12.05489	0.112172	-1.07042	0.250588	-4.27164	4.46E-05	0.001098	1
ENSG0000	mucosal h	Inflamed	CTA-150C2	lincRNA chr22	39317232	39320713	+	678	3.145585	0.556086	0.727999	0.170437	4.271381	4.47E-05	0.001098	1
ENSG0000	mucosal h	Inflamed	APBA1	protein_cc chr9	72042446	72287222	-	6534	491.3699	0.002387	0.806822	0.188917	4.27078	4.48E-05	0.0011	1
ENSG0000	mucosal h	Inflamed	GGT7	protein_cc chr20	33432523	33460663	-	2966	1024.647	0	0.61213	0.143347	4.270272	4.49E-05	0.001101	1
ENSG0000	mucosal h	Inflamed	RP11-284E	pseudoger chrX	63524927	63526613	-	1436	6.620525	0.107399	0.778538	0.182375	4.268877	4.51E-05	0.001106	1
ENSG0000	mucosal h	Inflamed	NFKBIE	protein_cc chr6	44225903	44233500	-	2556	1054.086	0	-0.58341	0.136692	-4.26803	4.52E-05	0.001108	1
ENSG0000	mucosal h	Inflamed	CXCL9	protein_cc chr4	76922428	76928641	-	2740	1442.196	0	-1.74981	0.410262	-4.2651	4.57E-05	0.00112	1
ENSG0000	mucosal h	Inflamed	DTX4	protein_cc chr11	58938903	58976060	+	6072	5949.203	0	0.554949	0.13014	4.264242	4.59E-05	0.001122	1
ENSG0000	mucosal h	Inflamed	COL18A1	protein_cc chr21	46825052	46933634	+	8525	9513.974	0	-1.11927	0.262496	-4.26396	4.59E-05	0.001122	1
ENSG0000	mucosal h	Inflamed	VWF	protein_cc chr12	6058040	6233936	-	9925	9569.983	0	-1.32233	0.310165	-4.2633	4.61E-05	0.001124	1
ENSG0000	mucosal h	Inflamed	NKG7	protein_cc chr19	51874860	51875969	-	935	417.8496	0	-0.84208	0.197561	-4.26237	4.62E-05	0.001127	1
ENSG0000	mucosal h	Inflamed	SCNN1B	protein_cc chr16	23289552	23392620	+	3918	3194.384	0	1.540918	0.361589	4.261521	4.64E-05	0.00113	1
ENSG0000	mucosal h	Inflamed	TBXAS1	protein_cc chr7	1.39E+08	1.4E+08	+	6271	1252.377	0	-0.65568	0.153895	-4.26058	4.65E-05	0.001133	1
ENSG0000	mucosal h	Inflamed	NFE4	antisense chr7	1.03E+08	1.03E+08	+	1072	7.823389	0.374702	-1.30383	0.306043	-4.26027	4.66E-05	0.001133	1
ENSG0000	mucosal h	Inflamed	FCGR1B	protein_cc chr1	1.21E+08	1.21E+08	-	1392	32.4105	0.057279	-1.40759	0.330425	-4.25995	4.66E-05	0.001133	1
ENSG0000	mucosal h	Inflamed	DSCAML1	protein_cc chr11	1.17E+08	1.18E+08	-	7035	78.03819	0.01432	1.217435	0.285803	4.259694	4.67E-05	0.001133	1
ENSG0000	mucosal h	Inflamed	CFP	protein_cc chrX	47483612	47489704	-	4576	473.4988	0	-1.1095	0.260489	-4.25932	4.68E-05	0.001134	1
ENSG0000	mucosal h	Inflamed	UGT1A7	protein_cc chr2	2.35E+08	2.35E+08	+	4167	5.799523	0.324582	0.896861	0.210586	4.258876	4.68E-05	0.001134	1
ENSG0000	mucosal h	Inflamed	ASIC2	protein_cc chr17	31340105	32501983	-	5597	21.7685	0.054893	1.09178	0.256363	4.258735	4.69E-05	0.001134	1
ENSG0000	mucosal h	Inflamed	STMND1	protein_cc chr6	17102489	17131603	+	2882	14.358	0.224344	1.156742	0.271718	4.257141	4.71E-05	0.00114	1
ENSG0000	mucosal h	Inflamed	PLA2G3	protein_cc chr22	31530795	31536593	-	2697	75.44153	0.126492	-1.70638	0.400987	-4.25545	4.74E-05	0.001146	1
ENSG0000	mucosal h	Inflamed	RP13-452J	processed_chr7	1.52E+08	1.52E+08	+	2222	8.9642	0.224344	-1.14369	0.268779	-4.25513	4.75E-05	0.001147	1
ENSG0000	mucosal h	Inflamed	TIFA	protein_cc chr4	1.13E+08	1.13E+08	-	4250	450.1456	0	-0.80156	0.188434	-4.2538	4.77E-05	0.001151	1
ENSG0000	mucosal h	Inflamed	CORO1A	protein_cc chr16	30194148	30200397	+	4871	5579.179	0	-0.91487	0.215173	-4.25178	4.81E-05	0.001159	1
ENSG0000	mucosal h	Inflamed	PTPRCAP	protein_cc chr11	67202981	67205538	-	1292	1574.029	0	-0.91541	0.215318	-4.25146	4.82E-05	0.001159	1
ENSG0000	mucosal h	Inflamed	ZNF704	protein_cc chr8	81540686	81787016	-	15008	939.1862	0	1.1656	0.274268	4.249856	4.85E-05	0.001165	1
ENSG0000	mucosal h	Inflamed	RP11-740J	pseudoger chr7	6940055	6940254	-	200	12.52506	0.439141	1.681393	0.395729	4.248846	4.86E-05	0.001169	1
ENSG0000	mucosal h	Inflamed	VSTM2A	protein_cc chr7	54610018	54638773	+	5967	212.6754	0.038186	2.139245	0.503514	4.248628	4.87E-05	0.001169	1
ENSG0000	mucosal h	Inflamed	MT-ATP8	protein_cc chrM	8366	8572	+	207	114755.2	0	0.568729	0.133887	4.247836	4.88E-05	0.00117	1
ENSG0000	mucosal h	Inflamed	RP11-348J	antisense chr10	1.13E+08	1.13E+08	+	1649	28.02387	0.073986	1.28509	0.302529	4.24782	4.88E-05	0.00117	1
ENSG0000	mucosal h	Inflamed	RP11-164F	antisense chr4	1.53E+08	1.53E+08	+	304	26.52029	0.02864	0.931315	0.219417	4.244501	4.94E-05	0.001184	1
ENSG0000	mucosal h	Inflamed	RP11-465E	lincRNA chr1	1072397	1079436	+	1620	41.49642	0.045346	1.132465	0.266913	4.242828	4.98E-05	0.001189	1
ENSG0000	mucosal h	Inflamed	RARRES3	protein_cc chr11	63304281	63313934	+	1299	2199.408	0	-0.79964	0.188469	-4.24279	4.98E-05	0.001189	1

ENSG0000	mucosal h	Inflamed	SNHG18	lincRNA	chr5	9546312	9550721	+	1951	591.3532	0	0.553335	0.130443	4.241979	4.99E-05	0.001192	1
ENSG0000	mucosal h	Inflamed	CRYBA4	protein_cc	chr22	27017928	27026636	+	811	5.940334	0.157518	-0.92982	0.219216	-4.24158	5.00E-05	0.001193	1
ENSG0000	mucosal h	Inflamed	GMPPA	protein_cc	chr2	2.2E+08	2.2E+08	+	5331	2556.453	0	-0.28049	0.066139	-4.24097	5.01E-05	0.001194	1
ENSG0000	mucosal h	Inflamed	MT1E	protein_cc	chr16	56659387	56661024	+	1052	2008.379	0	0.928725	0.219067	4.239462	5.04E-05	0.001199	1
ENSG0000	mucosal h	Inflamed	ZNF774	protein_cc	chr15	90895477	90909324	+	5457	271.5513	0	0.907483	0.21406	4.239385	5.04E-05	0.001199	1
ENSG0000	mucosal h	Inflamed	CECR1	protein_cc	chr22	17660194	17702879	-	5136	6169.15	0	-0.92017	0.217088	-4.23869	5.05E-05	0.001201	1
ENSG0000	mucosal h	Inflamed	KIAA0930	protein_cc	chr22	45586219	45636650	-	10019	3982.141	0	-0.43201	0.101951	-4.23745	5.08E-05	0.001205	1
ENSG0000	mucosal h	Inflamed	TDO2	protein_cc	chr4	1.57E+08	1.57E+08	+	5264	256.0811	0.002387	-1.55213	0.366299	-4.23733	5.08E-05	0.001205	1
ENSG0000	mucosal h	Inflamed	AC007292	antisense	chr19	4363786	4364637	+	746	35.2315	0.00716	0.66909	0.157989	4.23505	5.12E-05	0.001214	1
ENSG0000	mucosal h	Inflamed	NXPE4	protein_cc	chr11	1.14E+08	1.14E+08	-	2163	2900.757	0	1.830036	0.432139	4.234829	5.13E-05	0.001214	1
ENSG0000	mucosal h	Inflamed	FAM110D	protein_cc	chr1	26485511	26489119	+	1524	131.2005	0	-0.92021	0.217331	-4.23417	5.14E-05	0.001216	1
ENSG0000	mucosal h	Inflamed	SPECC1L	protein_cc	chr22	24666786	24813708	+	7323	1443.835	0	0.517132	0.122184	4.232398	5.17E-05	0.001223	1
ENSG0000	mucosal h	Inflamed	MT-ATP6	protein_cc	chrM	8527	9207	+	681	553274.8	0	0.535928	0.126664	4.231095	5.20E-05	0.001228	1
ENSG0000	mucosal h	Inflamed	RP11-380l	antisense	chr8	28107580	28196772	-	887	3.451074	0.319809	-0.83382	0.197128	-4.22983	5.22E-05	0.001233	1
ENSG0000	mucosal h	Inflamed	IGHV2-26	IG_V_gene	chr14	1.07E+08	1.07E+08	-	381	2231.663	0	-1.65862	0.392173	-4.2293	5.24E-05	0.001234	1
ENSG0000	mucosal h	Inflamed	DNAH3	protein_cc	chr16	20944433	21170762	-	14960	101.7088	0.004773	1.05139	0.248602	4.229209	5.24E-05	0.001234	1
ENSG0000	mucosal h	Inflamed	SLC2A6	protein_cc	chr9	1.36E+08	1.36E+08	-	3540	464.7566	0	-1.03155	0.244037	-4.22701	5.28E-05	0.001243	1
ENSG0000	mucosal h	Inflamed	IGHV4-31	IG_V_gene	chr14	1.07E+08	1.07E+08	-	426	3977.647	0.002387	-1.74577	0.413118	-4.22585	5.30E-05	0.001247	1
ENSG0000	mucosal h	Inflamed	RP11-419l	lincRNA	chr8	12333971	12334631	+	661	1.739857	0.536993	0.572582	0.13551	4.225379	5.31E-05	0.001248	1
ENSG0000	mucosal h	Inflamed	SH2D2A	protein_cc	chr1	1.57E+08	1.57E+08	-	2512	315.716	0	-0.69778	0.165153	-4.22502	5.32E-05	0.001249	1
ENSG0000	mucosal h	Inflamed	RP11-299f	lincRNA	chr2	1.02E+08	1.02E+08	+	2476	23.36516	0.019093	0.699184	0.165494	4.224824	5.32E-05	0.001249	1
ENSG0000	mucosal h	Inflamed	CHPT1	protein_cc	chr12	1.02E+08	1.02E+08	+	6004	2110.487	0	0.511806	0.121154	4.224428	5.33E-05	0.001249	1
ENSG0000	mucosal h	Inflamed	LYPD1	protein_cc	chr2	1.33E+08	1.33E+08	-	2412	58.7685	0.016706	-1.39826	0.331031	-4.22396	5.34E-05	0.00125	1
ENSG0000	mucosal h	Inflamed	MT-TL1	Mt_tRNA	chrM	3230	3304	+	75	1825.912	0	0.802033	0.189898	4.223502	5.35E-05	0.001251	1
ENSG0000	mucosal h	Inflamed	ZNF571-A5	antisense	chr19	38039816	38078249	+	4560	17.57041	0.038186	0.826593	0.195817	4.22125	5.40E-05	0.001261	1
ENSG0000	mucosal h	Inflamed	HSD17B3	protein_cc	chr9	98997588	99064434	-	2056	26.26253	0.045346	1.017266	0.241026	4.22056	5.41E-05	0.001263	1
ENSG0000	mucosal h	Inflamed	LL22NC03-	protein_cc	chr22	47857048	47882860	-	1090	8.315036	0.200477	1.108937	0.26299	4.216655	5.49E-05	0.001281	1
ENSG0000	mucosal h	Inflamed	RP11-297f	lincRNA	chr16	67464570	67465367	-	475	2.362768	0.47494	0.640845	0.151999	4.216107	5.50E-05	0.001282	1
ENSG0000	mucosal h	Inflamed	CEBPE	protein_cc	chr14	23586513	23588825	-	1554	64.50835	0.01432	-1.27216	0.301811	-4.21508	5.52E-05	0.001286	1
ENSG0000	mucosal h	Inflamed	RP11-317J	antisense	chr8	86354080	86377144	-	1257	43.29833	0.00716	0.864358	0.205113	4.214053	5.54E-05	0.00129	1
ENSG0000	mucosal h	Inflamed	MICB	protein_cc	chr6	31462658	31478901	+	2854	334.9141	0	-0.69898	0.165882	-4.21373	5.55E-05	0.00129	1
ENSG0000	mucosal h	Inflamed	WNT11	protein_cc	chr11	75897369	75921780	-	2401	70.54893	0.002387	1.191196	0.282759	4.212767	5.57E-05	0.001294	1
ENSG0000	mucosal h	Inflamed	CLEC4F	protein_cc	chr2	71035775	71047732	-	2475	29.57279	0.042959	1.221818	0.29009	4.211861	5.59E-05	0.001297	1
ENSG0000	mucosal h	Inflamed	SPIRE2	protein_cc	chr16	89884587	89937727	+	7975	2301.699	0	0.848531	0.201551	4.210013	5.63E-05	0.001305	1
ENSG0000	mucosal h	Inflamed	CAMK1G	protein_cc	chr1	2.1E+08	2.1E+08	+	2676	19.42243	0.128878	-1.22909	0.291989	-4.20937	5.64E-05	0.001307	1
ENSG0000	mucosal h	Inflamed	RP11-1105	antisense	chr12	94665926	94670971	-	493	2.002387	0.520286	0.616804	0.146538	4.209164	5.65E-05	0.001307	1
ENSG0000	mucosal h	Inflamed	ADRB2	protein_cc	chr5	1.48E+08	1.48E+08	+	2041	120.1575	0.002387	-0.64411	0.153044	-4.20864	5.66E-05	0.001308	1
ENSG0000	mucosal h	Inflamed	LINC00707	lincRNA	chr10	6821560	6884868	+	3070	5.582339	0.293556	-1.08092	0.256877	-4.20794	5.67E-05	0.00131	1
ENSG0000	mucosal h	Inflamed	CA7	protein_cc	chr16	66878282	66888056	+	1862	2271.05	0.00716	2.339429	0.556039	4.207309	5.69E-05	0.001312	1
ENSG0000	mucosal h	Inflamed	CERCAM	protein_cc	chr9	1.31E+08	1.31E+08	+	6054	1431.647	0	-0.95687	0.227455	-4.20688	5.70E-05	0.001313	1

ENSG0000	mucosal h	Inflamed	FIBIN	protein_cc	chr11	27015628	27018630	+	3003	330.2697	0	-1.33494	0.317358	-4.20642	5.70E-05	0.001314	1
ENSG0000	mucosal h	Inflamed	LINC00922	lincRNA	chr16	65318402	65610203	-	2089	6.75179	0.391408	-1.03536	0.246174	-4.20582	5.72E-05	0.001314	1
ENSG0000	mucosal h	Inflamed	SLC6A12	protein_cc	chr12	299243	323736	-	5683	123.6158	0.00716	0.909261	0.216204	4.205567	5.72E-05	0.001314	1
ENSG0000	mucosal h	Inflamed	B4GALNT2	protein_cc	chr17	47209822	47247351	+	2110	1450.208	0.01432	1.911045	0.454442	4.205256	5.73E-05	0.001314	1
ENSG0000	mucosal h	Inflamed	AC092168	sense_intr	chr2	1.01E+08	1.01E+08	+	717	2.847255	0.393795	0.739928	0.175965	4.204963	5.74E-05	0.001314	1
ENSG0000	mucosal h	Inflamed	NRAP	protein_cc	chr10	1.15E+08	1.15E+08	-	5721	56.10501	0.062053	1.602359	0.381085	4.204726	5.74E-05	0.001314	1
ENSG0000	mucosal h	Inflamed	CHN2	protein_cc	chr7	29161890	29553944	+	10853	449.2888	0	0.84939	0.202009	4.204718	5.74E-05	0.001314	1
ENSG0000	mucosal h	Inflamed	DLG1-AS1	antisense	chr3	1.97E+08	1.97E+08	+	1694	7.319809	0.116945	0.796666	0.189473	4.204651	5.74E-05	0.001314	1
ENSG0000	mucosal h	Inflamed	BTK	protein_cc	chrX	1.01E+08	1.01E+08	-	4227	732.1408	0	-0.94395	0.224502	-4.20462	5.74E-05	0.001314	1
ENSG0000	mucosal h	Inflamed	LY6E	protein_cc	chr8	1.44E+08	1.44E+08	+	2640	1887.2	0	-0.90074	0.214238	-4.20441	5.75E-05	0.001314	1
ENSG0000	mucosal h	Inflamed	PSAT1	protein_cc	chr9	80912059	80945009	+	2188	466.8067	0.002387	-0.89633	0.213217	-4.20381	5.76E-05	0.001316	1
ENSG0000	mucosal h	Inflamed	GPSM3	protein_cc	chr6	32158543	32163300	-	1854	2022.683	0	-0.84072	0.200044	-4.2027	5.79E-05	0.00132	1
ENSG0000	mucosal h	Inflamed	NDUF4F	pseudoger	chr3	37831412	37831936	-	525	5.298329	0.245823	0.784942	0.186787	4.202329	5.79E-05	0.00132	1
ENSG0000	mucosal h	Inflamed	FGFR2	protein_cc	chr10	1.23E+08	1.23E+08	-	7543	1615.912	0	1.19537	0.284464	4.20219	5.80E-05	0.00132	1
ENSG0000	mucosal h	Inflamed	PEA15	protein_cc	chr1	1.6E+08	1.6E+08	+	2806	4515.518	0	-0.62692	0.149198	-4.20191	5.80E-05	0.001321	1
ENSG0000	mucosal h	Inflamed	LINC0057C	lincRNA	chr2	11534107	11543203	+	1650	14.87351	0.062053	1.000373	0.238135	4.200866	5.82E-05	0.001324	1
ENSG0000	mucosal h	Inflamed	GJD3	protein_cc	chr17	38517235	38520067	-	1044	71.4463	0.00716	-0.92535	0.22028	-4.20079	5.83E-05	0.001324	1
ENSG0000	mucosal h	Inflamed	NCF1B	pseudoger	chr7	72634611	72649979	+	1950	283.7041	0	-0.94745	0.225571	-4.20025	5.84E-05	0.001325	1
ENSG0000	mucosal h	Inflamed	RP11-295F	antisense	chr10	13724521	13726874	+	1978	0.878282	0.782816	0.469394	0.111756	4.200154	5.84E-05	0.001325	1
ENSG0000	mucosal h	Inflamed	SRPR	protein_cc	chr11	1.26E+08	1.26E+08	-	4167	8540.143	0	-0.44123	0.105069	-4.19942	5.86E-05	0.001327	1
ENSG0000	mucosal h	Inflamed	FRZB	protein_cc	chr2	1.84E+08	1.84E+08	-	3162	929.8735	0	0.855407	0.203767	4.197958	5.89E-05	0.001333	1
ENSG0000	mucosal h	Inflamed	ZNF219	protein_cc	chr14	21558205	21572881	-	4643	2537.408	0	0.527248	0.125657	4.195922	5.93E-05	0.001342	1
ENSG0000	mucosal h	Inflamed	IGLV4-3	IG_V_gene	chr22	23213686	23214214	+	403	35.84726	0.042959	-1.39921	0.333542	-4.195	5.95E-05	0.001346	1
ENSG0000	mucosal h	Inflamed	CTD-2369f	lincRNA	chr19	10332111	10333870	-	1760	287.0621	0	-0.74341	0.177318	-4.19253	6.01E-05	0.001356	1
ENSG0000	mucosal h	Inflamed	RP11-231E	lincRNA	chr3	1.12E+08	1.12E+08	-	1563	17.32458	0.069212	1.105909	0.263788	4.192418	6.01E-05	0.001356	1
ENSG0000	mucosal h	Inflamed	RP11-247L	lincRNA	chr14	50793244	50794627	-	446	41.73747	0.011933	0.98166	0.234157	4.19231	6.01E-05	0.001356	1
ENSG0000	mucosal h	Inflamed	RP1-276N	lincRNA	chr6	1.61E+08	1.61E+08	+	467	3.520286	0.558473	-1.16464	0.277831	-4.19192	6.02E-05	0.001357	1
ENSG0000	mucosal h	Inflamed	TACSTD2	protein_cc	chr1	59041099	59043166	-	2068	365.4057	0.002387	-1.30434	0.311169	-4.19173	6.03E-05	0.001357	1
ENSG0000	mucosal h	Inflamed	IGHV3-43	IG_V_gene	chr14	1.07E+08	1.07E+08	-	434	2176.747	0	-1.73062	0.412946	-4.19091	6.05E-05	0.00136	1
ENSG0000	mucosal h	Inflamed	RP11-15H	pseudoger	chr19	23437855	23440741	-	2887	301.1217	0	0.677476	0.16171	4.189455	6.08E-05	0.001366	1
ENSG0000	mucosal h	Inflamed	RP11-526f	lincRNA	chr4	1.5E+08	1.51E+08	-	2537	9.257757	0.243437	1.073028	0.256241	4.187568	6.12E-05	0.001374	1
ENSG0000	mucosal h	Inflamed	EDN1	protein_cc	chr6	12290596	12297427	+	2033	484.8735	0	0.652229	0.15582	4.18578	6.16E-05	0.001383	1
ENSG0000	mucosal h	Inflamed	PTGIR	protein_cc	chr19	47123725	47128375	-	3546	231.2864	0	-1.20276	0.28743	-4.18453	6.19E-05	0.001388	1
ENSG0000	mucosal h	Inflamed	SERPINF1	protein_cc	chr17	1665253	1680868	+	3069	2896.527	0	-0.85265	0.203784	-4.18409	6.20E-05	0.001389	1
ENSG0000	mucosal h	Inflamed	NTNG2	protein_cc	chr9	1.35E+08	1.35E+08	+	5415	101.5036	0.00716	-1.12407	0.268675	-4.18375	6.21E-05	0.001389	1
ENSG0000	mucosal h	Inflamed	AC010525	lincRNA	chr19	56207681	56208795	+	1115	31.58711	0.042959	0.988317	0.236266	4.183073	6.23E-05	0.001392	1
ENSG0000	mucosal h	Inflamed	RP11-77K1	pseudoger	chr16	75533686	75550178	-	830	83.84487	0.02148	1.292443	0.308985	4.182873	6.23E-05	0.001392	1
ENSG0000	mucosal h	Inflamed	RORC	protein_cc	chr1	1.52E+08	1.52E+08	-	6314	1247.835	0	0.635772	0.152021	4.18214	6.25E-05	0.001394	1
ENSG0000	mucosal h	Inflamed	IGLV1-36	IG_V_gene	chr22	22786296	22786802	+	392	822.7589	0.002387	-1.85221	0.443048	-4.1806	6.28E-05	0.001401	1
ENSG0000	mucosal h	Inflamed	RP11-126C	antisense	chr17	204528	206673	+	913	21.53461	0.045346	1.007065	0.240937	4.17978	6.30E-05	0.001403	1

ENSG0000	mucosal h	Inflamed	AL109761. antisense	chr21	19165805	19183162	+	454	2.997613	0.391408	-0.69387	0.16601	-4.1797	6.30E-05	0.001403	1	
ENSG0000	mucosal h	Inflamed	C16orf74	protein_cc	chr16	85723690	85784735	-	2181	90.44153	0	-0.89982	0.21533	-4.17878	6.33E-05	0.001407	1
ENSG0000	mucosal h	Inflamed	PNLIPRP2	polymorpt	chr10	1.18E+08	1.18E+08	+	1672	104.9976	0.085919	1.811494	0.433528	4.178492	6.33E-05	0.001407	1
ENSG0000	mucosal h	Inflamed	RP11-747L	lincRNA	chr3	1.65E+08	1.65E+08	-	1948	34.47494	0.095465	1.448498	0.346806	4.176674	6.38E-05	0.001414	1
ENSG0000	mucosal h	Inflamed	MT1A	protein_cc	chr16	56672578	56673999	+	396	29.65632	0.02148	1.088496	0.260618	4.1766	6.38E-05	0.001414	1
ENSG0000	mucosal h	Inflamed	PPP1R16B	protein_cc	chr20	37434348	37551667	+	6400	2725.857	0	-0.81685	0.19558	-4.17656	6.38E-05	0.001414	1
ENSG0000	mucosal h	Inflamed	TMEM98	protein_cc	chr17	31254928	31272124	+	5187	2284.695	0	0.584959	0.140107	4.175098	6.41E-05	0.001421	1
ENSG0000	mucosal h	Inflamed	CDH3	protein_cc	chr16	68670092	68756519	+	5009	1551.47	0.004773	-1.78449	0.427515	-4.17411	6.44E-05	0.001425	1
ENSG0000	mucosal h	Inflamed	IL21-AS1	antisense	chr4	1.24E+08	1.24E+08	+	3748	7.816229	0.317422	-1.09843	0.263218	-4.17307	6.46E-05	0.001429	1
ENSG0000	mucosal h	Inflamed	CYP2AB1P	pseudoger	chr3	1.84E+08	1.84E+08	-	1831	7.73031	0.486874	-1.35354	0.324399	-4.17244	6.48E-05	0.001429	1
ENSG0000	mucosal h	Inflamed	USP54	protein_cc	chr10	75257296	75385711	-	9850	2835.01	0	0.816901	0.19579	4.172329	6.48E-05	0.001429	1
ENSG0000	mucosal h	Inflamed	LTK	protein_cc	chr15	41795836	41806085	-	3490	556.4845	0	0.62151	0.148961	4.1723	6.48E-05	0.001429	1
ENSG0000	mucosal h	Inflamed	FETUB	protein_cc	chr3	1.86E+08	1.86E+08	+	2024	3.336516	0.665871	1.083134	0.259642	4.171651	6.50E-05	0.001432	1
ENSG0000	mucosal h	Inflamed	IGKV5-2	IG_V_gene	chr2	89196748	89197300	+	408	260.4248	0.004773	-1.57963	0.378717	-4.171	6.51E-05	0.001434	1
ENSG0000	mucosal h	Inflamed	MNX1-AS1	antisense	chr7	1.57E+08	1.57E+08	+	1041	19.8043	0.026253	0.88118	0.211284	4.170589	6.52E-05	0.001434	1
ENSG0000	mucosal h	Inflamed	VASN	protein_cc	chr16	4421849	4433529	+	2806	841.0716	0	-1.12538	0.269852	-4.17035	6.53E-05	0.001434	1
ENSG0000	mucosal h	Inflamed	LINC00528	lincRNA	chr22	18260088	18262247	+	2160	78.65155	0.00716	-1.05523	0.253037	-4.17025	6.53E-05	0.001434	1
ENSG0000	mucosal h	Inflamed	RP11-420M	processed	chr16	5289803	6826015	+	2019	9.508353	0.105012	0.854598	0.204983	4.169115	6.56E-05	0.001439	1
ENSG0000	mucosal h	Inflamed	ENTPD1	protein_cc	chr10	97471536	97637023	+	14587	1631.439	0	-0.87647	0.210264	-4.16845	6.58E-05	0.001439	1
ENSG0000	mucosal h	Inflamed	CNN2	protein_cc	chr19	1026298	1039068	+	3928	6980.864	0	-0.53841	0.129167	-4.16835	6.58E-05	0.001439	1
ENSG0000	mucosal h	Inflamed	HSPA6	protein_cc	chr1	1.61E+08	1.61E+08	+	2646	306.5847	0	-1.24141	0.297837	-4.16809	6.58E-05	0.001439	1
ENSG0000	mucosal h	Inflamed	NOL4	protein_cc	chr18	31431064	31804916	-	5687	12.04057	0.138425	1.272763	0.305365	4.168009	6.59E-05	0.001439	1
ENSG0000	mucosal h	Inflamed	MMP9	protein_cc	chr20	44637547	44645200	+	2336	5161.659	0	-1.55644	0.373425	-4.16801	6.59E-05	0.001439	1
ENSG0000	mucosal h	Inflamed	TMEM44	protein_cc	chr3	1.94E+08	1.94E+08	-	4561	1178.42	0	0.548928	0.131729	4.167115	6.61E-05	0.001443	1
ENSG0000	mucosal h	Inflamed	RP5-1148A	antisense	chr6	64280910	64282313	-	1404	127.3222	0	0.8059	0.193408	4.166829	6.61E-05	0.001443	1
ENSG0000	mucosal h	Inflamed	MUTYH	protein_cc	chr1	45794835	45806142	-	3909	678.568	0	0.324713	0.07797	4.164581	6.67E-05	0.001454	1
ENSG0000	mucosal h	Inflamed	NOX4	protein_cc	chr11	89057524	89322779	-	6327	18.32936	0.143198	-1.273	0.305731	-4.1638	6.69E-05	0.001456	1
ENSG0000	mucosal h	Inflamed	BLVRA	protein_cc	chr7	43798279	43846939	+	1819	413.5298	0	-0.68817	0.165275	-4.16379	6.69E-05	0.001456	1
ENSG0000	mucosal h	Inflamed	IL6	protein_cc	chr7	22765503	22771621	+	2711	203.0024	0.097852	-2.28482	0.548884	-4.16266	6.72E-05	0.001461	1
ENSG0000	mucosal h	Inflamed	WDR78	protein_cc	chr1	67278568	67390570	-	6700	183.7828	0	1.074935	0.258321	4.161233	6.75E-05	0.001468	1
ENSG0000	mucosal h	Inflamed	MARCO	protein_cc	chr2	1.2E+08	1.2E+08	+	2079	45.34845	0.124105	-1.83545	0.441149	-4.16061	6.77E-05	0.001468	1
ENSG0000	mucosal h	Inflamed	OLIG2	protein_cc	chr21	34398153	34401504	+	3352	25.35561	0.064439	-1.19495	0.287218	-4.16044	6.77E-05	0.001468	1
ENSG0000	mucosal h	Inflamed	FSCN1	protein_cc	chr7	5632439	5646286	+	3707	2245.971	0	-0.97269	0.233799	-4.16034	6.78E-05	0.001468	1
ENSG0000	mucosal h	Inflamed	GPR25	protein_cc	chr1	2.01E+08	2.01E+08	+	1224	28.03103	0.02148	-1.01014	0.242805	-4.1603	6.78E-05	0.001468	1
ENSG0000	mucosal h	Inflamed	LAMP3	protein_cc	chr3	1.83E+08	1.83E+08	-	3816	756.2124	0	-1.44299	0.346908	-4.15958	6.80E-05	0.001471	1
ENSG0000	mucosal h	Inflamed	RP11-138I	lincRNA	chr17	16343793	16344266	-	304	4.391408	0.198091	0.727151	0.174835	4.15906	6.81E-05	0.001472	1
ENSG0000	mucosal h	Inflamed	FERMT3	protein_cc	chr11	63974150	63991354	+	3062	2478.16	0	-0.73666	0.17716	-4.15816	6.83E-05	0.001473	1
ENSG0000	mucosal h	Inflamed	MKRN1	protein_cc	chr7	1.4E+08	1.4E+08	-	5869	6197.358	0	0.501857	0.120702	4.15782	6.84E-05	0.001473	1
ENSG0000	mucosal h	Inflamed	CBFA2T2	protein_cc	chr20	32077881	32237842	+	9457	2558.444	0	0.606607	0.145897	4.157776	6.84E-05	0.001473	1
ENSG0000	mucosal h	Inflamed	MEDAG	protein_cc	chr13	31480328	31499709	+	2374	188.2864	0.026253	-1.78679	0.429748	-4.15777	6.84E-05	0.001473	1

ENSG0000	mucosal h	Inflamed	MYO1F	protein_cc	chr19	8585674	8642461	-	8550	2720.11	0	-0.93834	0.225687	-4.15773	6.84E-05	0.001473	1
ENSG0000	mucosal h	Inflamed	TAPT1-AS1	antisense	chr4	16228286	16321763	+	4192	143.5847	0	0.585629	0.140925	4.155622	6.90E-05	0.001484	1
ENSG0000	mucosal h	Inflamed	PSME2P2	pseudoger	chr13	49345264	49345965	+	702	88.68258	0	-0.52263	0.125822	-4.15376	6.94E-05	0.001492	1
ENSG0000	mucosal h	Inflamed	CXCL17	protein_cc	chr19	42932440	42947200	-	1189	26.36277	0.336516	-1.85921	0.447645	-4.15331	6.96E-05	0.001492	1
ENSG0000	mucosal h	Inflamed	IGHM	IG_C_gene	chr14	1.06E+08	1.06E+08	-	1461	103637.3	0	-1.39805	0.336613	-4.15329	6.96E-05	0.001492	1
ENSG0000	mucosal h	Inflamed	PTPRN2	protein_cc	chr7	1.57E+08	1.58E+08	-	5006	1785.747	0	0.805067	0.19385	4.15305	6.96E-05	0.001492	1
ENSG0000	mucosal h	Inflamed	OIT3	protein_cc	chr10	74653339	74692791	+	2365	30.70644	0.054893	-1.19639	0.28808	-4.15299	6.96E-05	0.001492	1
ENSG0000	mucosal h	Inflamed	HYAL2	protein_cc	chr3	50355221	50360337	-	4545	1611.129	0	-0.63304	0.152452	-4.15237	6.98E-05	0.001494	1
ENSG0000	mucosal h	Inflamed	RP11-269C	lincRNA	chr17	61507829	61509572	-	552	5.145585	0.152745	0.728801	0.175532	4.151945	6.99E-05	0.001495	1
ENSG0000	mucosal h	Inflamed	S1PR1	protein_cc	chr1	1.02E+08	1.02E+08	+	3071	892.8663	0.002387	-1.07484	0.258889	-4.15173	7.00E-05	0.001495	1
ENSG0000	mucosal h	Inflamed	MAGI1	protein_cc	chr3	65339200	66024509	-	11647	1226.033	0	0.805968	0.194129	4.151714	7.00E-05	0.001495	1
ENSG0000	mucosal h	Inflamed	SNORA67	processed_ch	chr17	7476144	7485342	+	4554	676.3914	0	-0.33601	0.080947	-4.15107	7.01E-05	0.001497	1
ENSG0000	mucosal h	Inflamed	NYAP2	protein_cc	chr2	2.26E+08	2.27E+08	+	4832	4.675418	0.379475	-1.02772	0.24762	-4.15039	7.03E-05	0.001499	1
ENSG0000	mucosal h	Inflamed	DNAAF1	protein_cc	chr16	84178865	84212373	+	5939	22.34368	0.198091	-1.49322	0.359837	-4.14971	7.05E-05	0.001502	1
ENSG0000	mucosal h	Inflamed	MATN2	protein_cc	chr8	98881068	99048944	+	6938	3194.919	0	0.806412	0.194336	4.149583	7.05E-05	0.001502	1
ENSG0000	mucosal h	Inflamed	IRG1	protein_cc	chr13	77522632	77532777	+	2177	59.27446	0.386635	-2.09762	0.505594	-4.14882	7.07E-05	0.001505	1
ENSG0000	mucosal h	Inflamed	KLKP1	pseudoger	chr19	51385352	51399654	-	1912	1.408115	0.75179	0.509707	0.122864	4.148559	7.08E-05	0.001505	1
ENSG0000	mucosal h	Inflamed	SPHK1	protein_cc	chr17	74372665	74383941	+	4416	570.2649	0	-1.15484	0.278391	-4.14826	7.09E-05	0.001505	1
ENSG0000	mucosal h	Inflamed	MNDA	protein_cc	chr1	1.59E+08	1.59E+08	+	2059	520.1002	0	-1.51852	0.366147	-4.14731	7.11E-05	0.001509	1
ENSG0000	mucosal h	Inflamed	COX19	protein_cc	chr7	938415	1015235	-	5542	688.9952	0	0.377685	0.091069	4.147219	7.12E-05	0.001509	1
ENSG0000	mucosal h	Inflamed	HOXB5	protein_cc	chr17	46668619	46671323	-	2041	964.7112	0	0.932229	0.224805	4.146836	7.13E-05	0.001509	1
ENSG0000	mucosal h	Inflamed	02-Mar	protein_cc	chr1	2.21E+08	2.21E+08	+	2590	611.031	0	0.480884	0.115966	4.14678	7.13E-05	0.001509	1
ENSG0000	mucosal h	Inflamed	RAPGEFL1	protein_cc	chr17	38333263	38351908	+	5710	6827.659	0	0.983742	0.237254	4.146368	7.14E-05	0.00151	1
ENSG0000	mucosal h	Inflamed	GSTO2	protein_cc	chr10	1.06E+08	1.06E+08	+	10344	548.5131	0	0.697687	0.168304	4.1454	7.16E-05	0.001512	1
ENSG0000	mucosal h	Inflamed	HMG1P7	pseudoger	chr3	93707478	93707790	-	313	4.761337	0.238663	0.82559	0.199164	4.145277	7.17E-05	0.001512	1
ENSG0000	mucosal h	Inflamed	TUBB3	protein_cc	chr16	89987800	90005169	+	6138	35.39379	0.019093	-1.11959	0.270096	-4.14514	7.17E-05	0.001512	1
ENSG0000	mucosal h	Inflamed	RAMP2	protein_cc	chr17	40910465	40915059	+	1148	587.0024	0	-0.98702	0.238117	-4.14511	7.17E-05	0.001512	1
ENSG0000	mucosal h	Inflamed	AC004466	protein_cc	chr12	48178706	48179787	+	1082	27.76372	0.009547	0.657601	0.15867	4.144454	7.19E-05	0.001514	1
ENSG0000	mucosal h	Inflamed	WNT7A	protein_cc	chr3	13857755	13921618	-	4579	5.470167	0.501193	-1.34309	0.324138	-4.14356	7.21E-05	0.001518	1
ENSG0000	mucosal h	Inflamed	SMTNL2	protein_cc	chr17	4487294	4511614	+	2470	34.45107	0.00716	-0.98414	0.237544	-4.14297	7.23E-05	0.001519	1
ENSG0000	mucosal h	Inflamed	AC093847	pseudoger	chr4	92949929	92950119	+	189	13.29117	0.427208	1.24812	0.301265	4.142929	7.23E-05	0.001519	1
ENSG0000	mucosal h	Inflamed	WNT5A-AS	antisense	chr3	55521727	55522336	+	500	2.642005	0.479714	-0.80288	0.193813	-4.14253	7.24E-05	0.00152	1
ENSG0000	mucosal h	Inflamed	AMT	protein_cc	chr3	49454211	49460186	-	4561	778.3532	0	0.655741	0.158322	4.141819	7.26E-05	0.001523	1
ENSG0000	mucosal h	Inflamed	BACE2	protein_cc	chr21	42539728	42654445	+	9619	7111.062	0	-0.59307	0.143198	-4.14158	7.27E-05	0.001523	1
ENSG0000	mucosal h	Inflamed	INHBB	protein_cc	chr2	1.21E+08	1.21E+08	+	3204	133.494	0.016706	-1.12321	0.271265	-4.14062	7.29E-05	0.001526	1
ENSG0000	mucosal h	Inflamed	CDKN2B	protein_cc	chr9	22002902	22009362	-	4058	2655.298	0	1.205513	0.291144	4.140603	7.29E-05	0.001526	1
ENSG0000	mucosal h	Inflamed	LUCAT1	lincRNA	chr5	90598846	90610219	-	2904	88.7685	0.176611	-2.04987	0.495103	-4.1403	7.30E-05	0.001526	1
ENSG0000	mucosal h	Inflamed	DCSTAMP	protein_cc	chr8	1.05E+08	1.05E+08	+	2778	13.08592	0.224344	-1.18922	0.287239	-4.14018	7.30E-05	0.001526	1
ENSG0000	mucosal h	Inflamed	RP11-279F	lincRNA	chr15	69755365	69863775	+	2815	61.31742	0.026253	1.322612	0.319485	4.139819	7.31E-05	0.001526	1
ENSG0000	mucosal h	Inflamed	RP11-15H	processed_ch	chr19	23442708	23457053	-	5091	142.5728	0	0.726572	0.175508	4.139814	7.31E-05	0.001526	1

ENSG0000	mucosal h	Inflamed	RP11-536C	lincRNA	chr9	13446490	13487510	+	512	11.82578	0.238663	-1.15906	0.28001	-4.13937	7.33E-05	0.001527	1
ENSG0000	mucosal h	Inflamed	SLC47A1	protein_cc	chr17	19398698	19482347	+	5719	141.0024	0	-0.76107	0.183915	-4.13818	7.36E-05	0.001532	1
ENSG0000	mucosal h	Inflamed	XX-C283C7	antisense	chr22	50753060	50754437	+	531	2.505967	0.47494	-0.71591	0.173014	-4.13786	7.37E-05	0.001532	1
ENSG0000	mucosal h	Inflamed	MAPKAPK1	lincRNA	chr12	1.12E+08	1.12E+08	-	2287	387.6563	0	0.515608	0.12461	4.137773	7.37E-05	0.001532	1
ENSG0000	mucosal h	Inflamed	ELFN1	protein_cc	chr7	1727755	1787590	+	3845	89.04057	0.019093	-1.25607	0.303569	-4.13769	7.37E-05	0.001532	1
ENSG0000	mucosal h	Inflamed	ODF3B	protein_cc	chr22	50968139	50971009	-	2301	721.4391	0	-0.88319	0.213457	-4.13758	7.38E-05	0.001532	1
ENSG0000	mucosal h	Inflamed	IGHV4-61	IG_V_gene	chr14	1.07E+08	1.07E+08	-	455	3810.208	0	-1.56238	0.377648	-4.13714	7.39E-05	0.001533	1
ENSG0000	mucosal h	Inflamed	SNAI1	protein_cc	chr20	48599536	48605423	+	1686	195.7446	0.002387	-1.2282	0.296909	-4.13663	7.40E-05	0.001535	1
ENSG0000	mucosal h	Inflamed	HES2	protein_cc	chr1	6472478	6484730	-	5407	1066.761	0	1.0299	0.249008	4.136017	7.42E-05	0.001537	1
ENSG0000	mucosal h	Inflamed	CLEC6A	protein_cc	chr12	8608522	8630926	+	1682	9.28401	0.367542	-1.29143	0.312254	-4.13582	7.42E-05	0.001537	1
ENSG0000	mucosal h	Inflamed	TRIM3	protein_cc	chr11	6469843	6495689	-	6710	1498.723	0	0.588189	0.142247	4.134976	7.45E-05	0.00154	1
ENSG0000	mucosal h	Inflamed	MTRNR2L5	protein_cc	chr6	62284008	62284534	+	527	4.396181	0.293556	0.695774	0.168293	4.134305	7.47E-05	0.001542	1
ENSG0000	mucosal h	Inflamed	SIRPB1	protein_cc	chr20	1544167	1600707	-	6091	299.5322	0	-1.34492	0.325315	-4.13421	7.47E-05	0.001542	1
ENSG0000	mucosal h	Inflamed	UTS2R	protein_cc	chr17	80332153	80333462	+	1310	32.95704	0.0358	-1.12316	0.271693	-4.13391	7.48E-05	0.001542	1
ENSG0000	mucosal h	Inflamed	HCLS1	protein_cc	chr3	1.21E+08	1.21E+08	-	5093	2983.026	0	-0.79163	0.191502	-4.13383	7.48E-05	0.001542	1
ENSG0000	mucosal h	Inflamed	PMFBP1	protein_cc	chr16	72146056	72210777	-	5691	51.01193	0.011933	1.095526	0.265176	4.13131	7.55E-05	0.001555	1
ENSG0000	mucosal h	Inflamed	FAM212A	protein_cc	chr3	49840687	49842463	+	1040	44.84964	0	-0.87313	0.211417	-4.12989	7.59E-05	0.001562	1
ENSG0000	mucosal h	Inflamed	RP11-81H1	lincRNA	chr12	68726668	68845443	-	2695	85.72554	0.002387	-1.01574	0.245981	-4.12934	7.60E-05	0.001564	1
ENSG0000	mucosal h	Inflamed	RP11-649C	antisense	chr8	1.08E+08	1.08E+08	-	504	6.408115	0.202864	0.85723	0.207607	4.129095	7.61E-05	0.001564	1
ENSG0000	mucosal h	Inflamed	QPCTL	protein_cc	chr19	46195741	46207247	+	2396	569.6802	0	-0.48249	0.116859	-4.12878	7.62E-05	0.001565	1
ENSG0000	mucosal h	Inflamed	AVEN	protein_cc	chr15	34158428	34331377	-	1808	417.6444	0	-0.34174	0.082786	-4.12806	7.64E-05	0.001567	1
ENSG0000	mucosal h	Inflamed	CEP128	protein_cc	chr14	80943330	81425861	-	9495	168.4821	0	-1.11471	0.270059	-4.12764	7.65E-05	0.001567	1
ENSG0000	mucosal h	Inflamed	NOS2P3	pseudoger	chr17	20339650	20350557	+	3638	1.933174	0.536993	0.698677	0.169269	4.1276	7.65E-05	0.001567	1
ENSG0000	mucosal h	Inflamed	FAM20C	protein_cc	chr7	192969	300711	+	4629	2496.504	0	-0.91482	0.221637	-4.12756	7.65E-05	0.001567	1
ENSG0000	mucosal h	Inflamed	EIF4EBP3	protein_cc	chr5	1.4E+08	1.4E+08	+	691	77.2673	0	0.59694	0.144648	4.126849	7.67E-05	0.00157	1
ENSG0000	mucosal h	Inflamed	PCSK6	protein_cc	chr15	1.02E+08	1.02E+08	-	9348	2759.527	0	0.819707	0.198699	4.125372	7.72E-05	0.001578	1
ENSG0000	mucosal h	Inflamed	ZSWIM5	protein_cc	chr1	45482071	45771881	-	6046	778.2601	0	0.842475	0.204276	4.124206	7.75E-05	0.001583	1
ENSG0000	mucosal h	Inflamed	FAM47E	protein_cc	chr4	77135193	77204933	+	9508	51.40811	0.002387	1.053417	0.255483	4.123229	7.78E-05	0.001588	1
ENSG0000	mucosal h	Inflamed	G6PC2	protein_cc	chr2	1.7E+08	1.7E+08	+	3120	1.77327	0.610979	0.641503	0.155614	4.122404	7.80E-05	0.001591	1
ENSG0000	mucosal h	Inflamed	MED9	protein_cc	chr17	17380300	17396540	+	2940	671.4057	0	0.298449	0.072407	4.121824	7.82E-05	0.001593	1
ENSG0000	mucosal h	Inflamed	AF064860	sense_ove	chr21	41002198	41098012	+	544	2.673031	0.522673	0.919689	0.223226	4.119994	7.87E-05	0.001603	1
ENSG0000	mucosal h	Inflamed	CA2	protein_cc	chr8	86376081	86393722	+	2123	25945.15	0	1.33803	0.324775	4.119874	7.88E-05	0.001603	1
ENSG0000	mucosal h	Inflamed	KRT17	protein_cc	chr17	39775689	39781094	-	2537	240.7399	0.181384	-2.42025	0.587523	-4.11941	7.89E-05	0.001604	1
ENSG0000	mucosal h	Inflamed	FAM46C	protein_cc	chr1	1.18E+08	1.18E+08	+	5751	5750.726	0	-0.93947	0.228129	-4.11815	7.93E-05	0.00161	1
ENSG0000	mucosal h	Inflamed	PCDH17	protein_cc	chr13	58205944	58303445	+	8242	323.074	0.00716	-1.19413	0.289978	-4.11801	7.93E-05	0.00161	1
ENSG0000	mucosal h	Inflamed	NDRG2	protein_cc	chr14	21484922	21539031	-	7550	4164.998	0	0.731114	0.177603	4.116564	7.97E-05	0.001617	1
ENSG0000	mucosal h	Inflamed	DGUOK-A5	antisense	chr2	74174769	74208568	-	865	39.84248	0.002387	0.836172	0.203155	4.115936	7.99E-05	0.00162	1
ENSG0000	mucosal h	Inflamed	SLC25A34	protein_cc	chr1	16062900	16067891	+	3195	597.8926	0	1.063098	0.258387	4.114368	8.04E-05	0.001628	1
ENSG0000	mucosal h	Inflamed	RP11-862C	lincRNA	chr14	93372042	93373827	-	1384	1.491647	0.663484	0.565149	0.13744	4.111969	8.11E-05	0.00164	1
ENSG0000	mucosal h	Inflamed	IGHV4OR1	IG_V_gene	chr15	22472918	22473353	-	353	1465.874	0.004773	-1.69667	0.412629	-4.11186	8.11E-05	0.00164	1

ENSG0000	mucosal h	Inflamed	IGKV1D-43	IG_V_gene	chr2	90248739	90249395	+	532	18.03103	0.121718	-1.26248	0.307038	-4.11179	8.11E-05	0.00164	1
ENSG0000	mucosal h	Inflamed	SEC14L2	protein_cc	chr22	30792846	30821305	+	5984	215.2411	0	-0.88161	0.214431	-4.1114	8.13E-05	0.001641	1
ENSG0000	mucosal h	Inflamed	CTD-2521	lincRNA	chr19	17516503	17529713	+	2525	228.5895	0	-0.59261	0.144158	-4.11083	8.14E-05	0.001643	1
ENSG0000	mucosal h	Inflamed	CBR3	protein_cc	chr21	37507210	37518864	+	1169	142.821	0	-0.74356	0.180887	-4.11063	8.15E-05	0.001643	1
ENSG0000	mucosal h	Inflamed	LMCD1	protein_cc	chr3	8543393	8609805	+	2578	513.1599	0	-0.97621	0.237556	-4.10937	8.19E-05	0.001649	1
ENSG0000	mucosal h	Inflamed	PLEKHO2	protein_cc	chr15	65134088	65160206	+	3720	2532.547	0	-0.84259	0.205051	-4.10915	8.19E-05	0.00165	1
ENSG0000	mucosal h	Inflamed	THBS2	protein_cc	chr6	1.7E+08	1.7E+08	-	6397	1202.045	0.002387	-1.82372	0.443995	-4.10753	8.24E-05	0.001657	1
ENSG0000	mucosal h	Inflamed	HIST1H2B	protein_cc	chr6	26115101	26124154	-	834	82.53461	0	-0.95313	0.23205	-4.10745	8.25E-05	0.001657	1
ENSG0000	mucosal h	Inflamed	TTLL8	protein_cc	chr22	50453552	50495364	-	2707	2.210024	0.615752	-0.78867	0.192096	-4.10559	8.30E-05	0.001668	1
ENSG0000	mucosal h	Inflamed	IGKV1D-12	IG_V_gene	chr2	90198535	90199190	+	532	1896.802	0.002387	-1.74035	0.424034	-4.10428	8.34E-05	0.001674	1
ENSG0000	mucosal h	Inflamed	RP11-647F	pseudoger	chr4	1.22E+08	1.22E+08	+	436	2.109785	0.577566	0.700163	0.170603	4.10405	8.35E-05	0.001674	1
ENSG0000	mucosal h	Inflamed	IGSF9	protein_cc	chr1	1.6E+08	1.6E+08	-	6620	2412.463	0	1.438309	0.350475	4.103891	8.35E-05	0.001674	1
ENSG0000	mucosal h	Inflamed	AQP7	protein_cc	chr9	33384765	33402643	-	2091	200.6396	0.00716	1.547782	0.377205	4.103291	8.37E-05	0.001677	1
ENSG0000	mucosal h	Inflamed	EPHX4	protein_cc	chr1	92495539	92529093	+	2251	28.05251	0.019093	-1.04364	0.254374	-4.10276	8.39E-05	0.001679	1
ENSG0000	mucosal h	Inflamed	RP11-1036	lincRNA	chr11	59036349	59051506	-	2805	17.1432	0.121718	1.303303	0.317765	4.101465	8.43E-05	0.001685	1
ENSG0000	mucosal h	Inflamed	RP11-77K1	sense_intr	chr16	75492150	75493915	-	852	6.460621	0.205251	0.837425	0.204244	4.100119	8.47E-05	0.001692	1
ENSG0000	mucosal h	Inflamed	RP11-23J1	pseudoger	chr12	47529281	47532153	-	603	8.875895	0.088305	-0.82585	0.201457	-4.0994	8.49E-05	0.001696	1
ENSG0000	mucosal h	Inflamed	CFDP1	protein_cc	chr16	75327596	75467383	-	3230	1057.272	0	0.479859	0.117063	4.099167	8.50E-05	0.001696	1
ENSG0000	mucosal h	Inflamed	PILRA	protein_cc	chr7	99965153	99997719	+	2003	502.4702	0	-0.98811	0.241251	-4.09578	8.61E-05	0.001716	1
ENSG0000	mucosal h	Inflamed	CXCR6	protein_cc	chr3	45982425	45989845	+	3769	257.6396	0	-0.79346	0.193739	-4.0955	8.62E-05	0.001716	1
ENSG0000	mucosal h	Inflamed	TMIGD1	protein_cc	chr17	28643351	28661077	-	1228	954.4368	0.023866	2.430079	0.593432	4.094958	8.63E-05	0.001718	1
ENSG0000	mucosal h	Inflamed	ARID5A	protein_cc	chr2	97202480	97218375	+	3565	1579.573	0	-0.76251	0.186214	-4.0948	8.64E-05	0.001718	1
ENSG0000	mucosal h	Inflamed	RP11-459C	lincRNA	chr17	3880397	3885193	+	549	9.747017	0.088305	0.85006	0.207681	4.09311	8.69E-05	0.001728	1
ENSG0000	mucosal h	Inflamed	IGLV2-33	IG_V_gene	chr22	22930626	22931145	+	398	46.97136	0.031026	-1.28477	0.313962	-4.09211	8.73E-05	0.001732	1
ENSG0000	mucosal h	Inflamed	CYTIP	protein_cc	chr2	1.58E+08	1.58E+08	-	3428	757.3556	0	-0.97725	0.238821	-4.09197	8.73E-05	0.001732	1
ENSG0000	mucosal h	Inflamed	TMEM192	protein_cc	chr4	1.66E+08	1.66E+08	-	6427	622.2888	0	0.59834	0.146276	4.09048	8.78E-05	0.001741	1
ENSG0000	mucosal h	Inflamed	APOBEC3A	protein_cc	chr22	39348746	39359188	+	2010	296.2936	0.004773	-2.00536	0.490342	-4.08972	8.80E-05	0.001744	1
ENSG0000	mucosal h	Inflamed	SERPINF2	protein_cc	chr17	1646130	1658562	+	2348	170.5847	0	-0.74896	0.183155	-4.08921	8.82E-05	0.001746	1
ENSG0000	mucosal h	Inflamed	MYBPH	protein_cc	chr1	2.03E+08	2.03E+08	-	1805	13.54893	0.217184	-1.28288	0.31376	-4.08873	8.84E-05	0.001747	1
ENSG0000	mucosal h	Inflamed	COG1	protein_cc	chr17	71189129	71204646	+	5061	2020.234	0	0.389646	0.095301	4.088592	8.84E-05	0.001747	1
ENSG0000	mucosal h	Inflamed	P4HA3	protein_cc	chr11	73946846	74022702	-	4009	82.90215	0.00716	-1.64448	0.4023	-4.08769	8.87E-05	0.001752	1
ENSG0000	mucosal h	Inflamed	SNCAIP	protein_cc	chr5	1.22E+08	1.22E+08	+	7325	218.2291	0.002387	-0.96314	0.235671	-4.08678	8.90E-05	0.001755	1
ENSG0000	mucosal h	Inflamed	TRHDE	protein_cc	chr12	72481046	73059422	+	6835	118.0095	0.016706	1.352269	0.33089	4.086765	8.90E-05	0.001755	1
ENSG0000	mucosal h	Inflamed	P4HB	protein_cc	chr17	79801035	79818570	-	5303	50454	0	-0.36034	0.088195	-4.08573	8.93E-05	0.001761	1
ENSG0000	mucosal h	Inflamed	SERPINB9	protein_cc	chr6	2887500	2903514	-	4118	1617.594	0	-1.00596	0.246232	-4.08541	8.94E-05	0.001761	1
ENSG0000	mucosal h	Inflamed	TNFAIP6	protein_cc	chr2	1.52E+08	1.52E+08	+	1577	173.4845	0.00716	-1.65374	0.404913	-4.08418	8.98E-05	0.001768	1
ENSG0000	mucosal h	Inflamed	RP11-712E	pseudoger	chr11	94876801	94878289	+	1489	1.706444	0.599045	0.651028	0.159482	4.082134	9.05E-05	0.00178	1
ENSG0000	mucosal h	Inflamed	EFNA1	protein_cc	chr1	1.55E+08	1.55E+08	+	2539	2433.036	0	0.734477	0.179955	4.081454	9.08E-05	0.001783	1
ENSG0000	mucosal h	Inflamed	LSM10	protein_cc	chr1	36856839	36863493	-	1496	614.4845	0	-0.55281	0.13545	-4.08128	9.08E-05	0.001783	1
ENSG0000	mucosal h	Inflamed	LIMD2	protein_cc	chr17	61773262	61778532	-	4745	1731.406	0	-0.98369	0.241059	-4.08073	9.10E-05	0.001785	1

ENSG0000	mucosal h	Inflamed	CD1B	protein_cc	chr1	1.58E+08	1.58E+08	-	1395	23.73747	0.124105	-1.36391	0.334295	-4.07998	9.12E-05	0.001789	1
ENSG0000	mucosal h	Inflamed	RP1-1700	lincRNA	chr7	27226192	27233067	-	556	48.48449	0.054893	0.922792	0.226208	4.079391	9.14E-05	0.001791	1
ENSG0000	mucosal h	Inflamed	RP4-584D	antisense	chr7	1.5E+08	1.5E+08	-	577	13.50119	0.062053	0.78294	0.19199	4.078014	9.19E-05	0.001799	1
ENSG0000	mucosal h	Inflamed	AQP8	protein_cc	chr16	25227052	25240261	+	1421	12233.81	0.019093	3.352621	0.822175	4.077746	9.20E-05	0.0018	1
ENSG0000	mucosal h	Inflamed	RNU6-418	snRNA	chr1	2.06E+08	2.06E+08	+	107	2.763723	0.498807	0.837761	0.205475	4.077181	9.22E-05	0.001802	1
ENSG0000	mucosal h	Inflamed	PLIN1	protein_cc	chr15	90207596	90222658	-	3797	60.27208	0.02148	0.991316	0.243145	4.07705	9.22E-05	0.001802	1
ENSG0000	mucosal h	Inflamed	TMEM132	protein_cc	chr11	60691935	60704631	+	7271	1303.153	0	-1.21509	0.29815	-4.07543	9.28E-05	0.00181	1
ENSG0000	mucosal h	Inflamed	AFG3L2	protein_cc	chr18	12328943	12377313	-	6624	3582.146	0	0.559762	0.137357	4.075227	9.29E-05	0.00181	1
ENSG0000	mucosal h	Inflamed	RP4-740C	processed	chr1	2281853	2284259	-	2407	90.20048	0.002387	0.735876	0.180575	4.075175	9.29E-05	0.00181	1
ENSG0000	mucosal h	Inflamed	KIAA1456	protein_cc	chr8	12803151	12889012	+	14668	258.2554	0	1.068095	0.262144	4.074461	9.31E-05	0.001813	1
ENSG0000	mucosal h	Inflamed	SMIM14	protein_cc	chr4	39547950	39640710	-	6721	3891.99	0	0.731688	0.179662	4.072576	9.38E-05	0.001824	1
ENSG0000	mucosal h	Inflamed	FCGRT	protein_cc	chr19	50010073	50029590	+	4173	10647.51	0	0.518747	0.12738	4.072446	9.38E-05	0.001824	1
ENSG0000	mucosal h	Inflamed	RASSF5	protein_cc	chr1	2.07E+08	2.07E+08	+	6174	2484.807	0	-0.82101	0.201636	-4.07177	9.40E-05	0.001827	1
ENSG0000	mucosal h	Inflamed	RILPL2	protein_cc	chr12	1.24E+08	1.24E+08	-	1435	516.969	0	-0.66108	0.162375	-4.07134	9.42E-05	0.001828	1
ENSG0000	mucosal h	Inflamed	SLC4A9	protein_cc	chr5	1.4E+08	1.4E+08	+	3635	10.73747	0.138425	0.918411	0.225581	4.071309	9.42E-05	0.001828	1
ENSG0000	mucosal h	Inflamed	CDHR3	protein_cc	chr7	1.06E+08	1.06E+08	+	9794	132.9809	0	0.84355	0.207205	4.071095	9.43E-05	0.001828	1
ENSG0000	mucosal h	Inflamed	IGHV3OR1	IG_V_gene	chr16	33629681	33630128	+	353	23.45585	0.057279	-1.14034	0.280188	-4.06992	9.47E-05	0.001834	1
ENSG0000	mucosal h	Inflamed	SERINC5	protein_cc	chr5	79407050	79551898	-	5107	1225.523	0	0.721336	0.17727	4.06914	9.50E-05	0.001838	1
ENSG0000	mucosal h	Inflamed	ZDHHC7	protein_cc	chr16	85007787	85045141	-	3947	3599.253	0	0.38927	0.095667	4.069029	9.50E-05	0.001838	1
ENSG0000	mucosal h	Inflamed	ASPHD2	protein_cc	chr22	26825239	26840981	+	3357	627.463	0	-0.52578	0.129223	-4.06874	9.51E-05	0.001838	1
ENSG0000	mucosal h	Inflamed	IGHV1-8	IG_V_gene	chr14	1.07E+08	1.07E+08	-	413	2662.893	0.031026	-1.81971	0.447323	-4.068	9.54E-05	0.001842	1
ENSG0000	mucosal h	Inflamed	ECEL1	protein_cc	chr2	2.33E+08	2.33E+08	-	2972	15.15274	0.176611	-1.41826	0.348661	-4.06772	9.55E-05	0.001842	1
ENSG0000	mucosal h	Inflamed	AC017002	lincRNA	chr2	1.12E+08	1.12E+08	+	757	9.98568	0.088305	-0.96338	0.236861	-4.06729	9.56E-05	0.001844	1
ENSG0000	mucosal h	Inflamed	SORBS3	protein_cc	chr8	22402499	22433301	+	6110	3242.993	0	0.595427	0.14641	4.066852	9.58E-05	0.001846	1
ENSG0000	mucosal h	Inflamed	PRC1-AS1	antisense	chr15	91509575	91531854	+	1799	13.88305	0.078759	0.876239	0.215477	4.066508	9.59E-05	0.001847	1
ENSG0000	mucosal h	Inflamed	AGTRAP	protein_cc	chr1	11796141	11814859	+	2433	867.494	0	-0.6102	0.150077	-4.06594	9.61E-05	0.001849	1
ENSG0000	mucosal h	Inflamed	RP11-22C1	antisense	chr8	95649513	95651695	-	2183	73.17184	0.011933	0.968637	0.238255	4.065556	9.62E-05	0.00185	1
ENSG0000	mucosal h	Inflamed	IL10RA	protein_cc	chr11	1.18E+08	1.18E+08	+	6546	3317.415	0	-0.72771	0.179005	-4.06532	9.63E-05	0.001851	1
ENSG0000	mucosal h	Inflamed	PLEK	protein_cc	chr2	68592305	68624585	+	3314	3139.597	0	-1.3412	0.330023	-4.06397	9.68E-05	0.001859	1
ENSG0000	mucosal h	Inflamed	MIR31HG	sense_ove	chr9	21455641	21559668	-	745	7.799523	0.441527	-1.27643	0.314104	-4.06372	9.69E-05	0.001859	1
ENSG0000	mucosal h	Inflamed	LILRB3	protein_cc	chr19	54720147	54746602	-	4096	163.0143	0.00716	-1.46349	0.360163	-4.0634	9.70E-05	0.00186	1
ENSG0000	mucosal h	Inflamed	GPR55	protein_cc	chr2	2.32E+08	2.32E+08	-	4130	194.2959	0.002387	-0.8444	0.207824	-4.06303	9.71E-05	0.00186	1
ENSG0000	mucosal h	Inflamed	SLC4A4	protein_cc	chr4	72053003	72437804	+	8361	4811.757	0	1.515975	0.373136	4.06279	9.72E-05	0.00186	1
ENSG0000	mucosal h	Inflamed	CTSC	protein_cc	chr11	88026760	88070955	-	11421	7865.368	0	-0.52094	0.128223	-4.06274	9.72E-05	0.00186	1
ENSG0000	mucosal h	Inflamed	RP11-356J	pseudoger	chr11	1.12E+08	1.12E+08	+	1166	1.357995	0.658711	0.542052	0.133445	4.062	9.75E-05	0.001864	1
ENSG0000	mucosal h	Inflamed	RP11-595E	protein_cc	chr18	19668021	19678741	+	453	6.307876	0.167064	0.816081	0.200933	4.06146	9.77E-05	0.001866	1
ENSG0000	mucosal h	Inflamed	CTLA4	protein_cc	chr2	2.05E+08	2.05E+08	+	2120	179.074	0.00716	-1.29727	0.319436	-4.06111	9.78E-05	0.001867	1
ENSG0000	mucosal h	Inflamed	RMDN2	protein_cc	chr2	38150330	38294285	+	5999	248.5036	0	0.841014	0.20711	4.060704	9.79E-05	0.001869	1
ENSG0000	mucosal h	Inflamed	CLEC5A	protein_cc	chr7	1.42E+08	1.42E+08	-	4129	82.06921	0.045346	-1.83672	0.452338	-4.06051	9.80E-05	0.001869	1
ENSG0000	mucosal h	Inflamed	D87024.1	miRNA	chr22	23198720	23198813	+	94	33.58473	0.031026	-1.17391	0.289148	-4.05987	9.82E-05	0.001872	1

ENSG0000	mucosal h	Inflamed	EIF4EBP2	protein_cc	chr10	72164135	72188374	+	7257	10725.23	0	0.506546	0.124827	4.057991	9.89E-05	0.001882	1
ENSG0000	mucosal h	Inflamed	RP11-708F	lincRNA	chr17	47249257	47250608	+	1352	502.0167	0.042959	1.967082	0.484757	4.057877	9.90E-05	0.001882	1
ENSG0000	mucosal h	Inflamed	GLDC	protein_cc	chr9	6532464	6645650	-	4656	142.7518	0	-0.97072	0.239223	-4.05779	9.90E-05	0.001882	1
ENSG0000	mucosal h	Inflamed	TMEM236	protein_cc	chr10	18041218	18089855	+	5465	261.3126	0.009547	1.586096	0.390925	4.057295	9.92E-05	0.001884	1
ENSG0000	mucosal h	Inflamed	IL24	protein_cc	chr1	2.07E+08	2.07E+08	+	1979	152.3484	0.360382	-2.76177	0.680719	-4.05714	9.92E-05	0.001884	1
ENSG0000	mucosal h	Inflamed	SUCLG2	protein_cc	chr3	67410884	67705038	-	3090	4987.007	0	0.700392	0.172684	4.055929	9.97E-05	0.001891	1
ENSG0000	mucosal h	Inflamed	RP11-386M	lincRNA	chr15	93138790	93139692	-	374	5.651551	0.303103	0.940336	0.231879	4.055289	9.99E-05	0.001894	1
ENSG0000	mucosal h	Inflamed	C3orf55	protein_cc	chr3	1.57E+08	1.57E+08	+	3180	16.84964	0.057279	-1.22466	0.302113	-4.05367	0.000101	0.001904	1
ENSG0000	mucosal h	Inflamed	ZBTB7C	protein_cc	chr18	45553044	45937123	-	7648	3780.327	0	0.990672	0.24443	4.052997	0.000101	0.001907	1
ENSG0000	mucosal h	Inflamed	FMO5	protein_cc	chr1	1.47E+08	1.47E+08	-	5988	1087.513	0	1.125986	0.277907	4.051669	0.000101	0.001913	1
ENSG0000	mucosal h	Inflamed	CLMN	protein_cc	chr14	95648277	95786243	-	15701	5691.217	0	0.812441	0.200521	4.051642	0.000101	0.001913	1
ENSG0000	mucosal h	Inflamed	KDELC1P1	pseudoger	chr5	1.27E+08	1.27E+08	+	1509	1.801909	0.546539	0.682062	0.168343	4.051612	0.000101	0.001913	1
ENSG0000	mucosal h	Inflamed	COL6A3	protein_cc	chr2	2.38E+08	2.38E+08	-	19624	27544.11	0	-1.12082	0.276673	-4.05106	0.000101	0.001915	1
ENSG0000	mucosal h	Inflamed	MTMR11	protein_cc	chr1	1.5E+08	1.5E+08	-	4591	5468.012	0	0.869034	0.214536	4.050764	0.000102	0.001915	1
ENSG0000	mucosal h	Inflamed	CLEC4A	protein_cc	chr12	8276228	8291203	+	1281	166.3365	0	-0.92542	0.228463	-4.05064	0.000102	0.001915	1
ENSG0000	mucosal h	Inflamed	CAMK2G	protein_cc	chr10	75572259	75634343	-	6770	2100.377	0	0.488113	0.120509	4.050422	0.000102	0.001915	1
ENSG0000	mucosal h	Inflamed	ST3GAL2	protein_cc	chr16	70413338	70473140	-	6287	1567.964	0	-0.75702	0.186918	-4.05003	0.000102	0.001917	1
ENSG0000	mucosal h	Inflamed	VAV3	protein_cc	chr1	1.08E+08	1.09E+08	-	7271	1775.506	0	0.951136	0.234872	4.049597	0.000102	0.001918	1
ENSG0000	mucosal h	Inflamed	ADAMTS1	protein_cc	chr5	33523640	33892297	-	9778	399.852	0	-1.32671	0.327632	-4.0494	0.000102	0.001918	1
ENSG0000	mucosal h	Inflamed	LMTK3	protein_cc	chr19	48988528	49016446	-	5163	118.2029	0	-0.79869	0.197297	-4.04817	0.000103	0.001926	1
ENSG0000	mucosal h	Inflamed	RP11-134F	lincRNA	chr1	2.03E+08	2.03E+08	+	837	7.548926	0.124105	-0.86516	0.213768	-4.0472	0.000103	0.001931	1
ENSG0000	mucosal h	Inflamed	CTD-2134	lincRNA	chr14	1.04E+08	1.04E+08	-	582	6.587112	0.140811	0.727192	0.1797	4.0467	0.000103	0.001933	1
ENSG0000	mucosal h	Inflamed	RP11-502I	lincRNA	chr15	67833410	67834942	-	1533	56.8401	0	0.686705	0.169708	4.046385	0.000103	0.001934	1
ENSG0000	mucosal h	Inflamed	FAM101A	protein_cc	chr12	1.24E+08	1.25E+08	+	2969	1472.277	0	0.942004	0.232822	4.046026	0.000103	0.001935	1
ENSG0000	mucosal h	Inflamed	BMP3	protein_cc	chr4	81952119	81978685	+	5734	475.0621	0.038186	2.368901	0.585574	4.045436	0.000104	0.001938	1
ENSG0000	mucosal h	Inflamed	PHLPP1	protein_cc	chr18	60382672	60647666	+	9153	1252.492	0	0.62228	0.153872	4.044151	0.000104	0.001946	1
ENSG0000	mucosal h	Inflamed	GPR132	protein_cc	chr14	1.06E+08	1.06E+08	-	4198	448.9905	0	-0.95767	0.236842	-4.04349	0.000104	0.001947	1
ENSG0000	mucosal h	Inflamed	RP11-253M	sense_intr	chr15	69683531	69684488	+	694	3.883055	0.336516	0.698154	0.172662	4.043473	0.000104	0.001947	1
ENSG0000	mucosal h	Inflamed	XCR1	protein_cc	chr3	46058516	46069234	-	5403	210.7375	0.002387	-0.99137	0.245185	-4.04336	0.000104	0.001947	1
ENSG0000	mucosal h	Inflamed	HOXA5	protein_cc	chr7	27180671	27183287	-	1707	479.0883	0	0.893731	0.221114	4.041949	0.000105	0.001956	1
ENSG0000	mucosal h	Inflamed	AP3S2	protein_cc	chr15	90373831	90437574	-	8146	1638.22	0	0.476534	0.117911	4.041476	0.000105	0.001957	1
ENSG0000	mucosal h	Inflamed	CBX2	protein_cc	chr17	77751931	77761782	+	5687	156.8401	0	-0.91684	0.22686	-4.04143	0.000105	0.001957	1
ENSG0000	mucosal h	Inflamed	ATXN7L1	protein_cc	chr7	1.05E+08	1.06E+08	-	8295	422.4296	0	0.48602	0.120273	4.040991	0.000105	0.001959	1
ENSG0000	mucosal h	Inflamed	CBR3-AS1	processed_chr	21	37504065	37528615	-	6438	182.9189	0	0.873973	0.216316	4.040266	0.000106	0.001963	1
ENSG0000	mucosal h	Inflamed	VAV1	protein_cc	chr19	6772725	6857377	+	4269	1151	0	-0.75516	0.186973	-4.03887	0.000106	0.001971	1
ENSG0000	mucosal h	Inflamed	POMC	protein_cc	chr2	25383722	25391772	-	1538	37.88067	0.00716	-1.07132	0.265269	-4.03863	0.000106	0.001972	1
ENSG0000	mucosal h	Inflamed	CCDC147- <i>antisense</i>	chr10	1.06E+08	1.06E+08	-	795	7.178998	0.26969	-1.08653	0.269109	-4.03748	0.000107	0.001978	1	
ENSG0000	mucosal h	Inflamed	SLCO4A1	protein_cc	chr20	61273797	61317137	+	4051	1070.208	0	-0.75916	0.18811	-4.03571	0.000107	0.00199	1
ENSG0000	mucosal h	Inflamed	KLHL6	protein_cc	chr3	1.83E+08	1.83E+08	-	10546	1778.94	0	-1.09424	0.271227	-4.03441	0.000108	0.001998	1
ENSG0000	mucosal h	Inflamed	RP11-61L1	sense_intr	chr18	9506240	9509724	+	3485	4.785203	0.274463	0.793233	0.196638	4.033974	0.000108	0.002	1

ENSG0000	mucosal h	Inflamed	REG3A	protein_cc chr2	79384132	79386879	-	1580	6082.527	0.016706	-3.23363	0.801728	-4.03333	0.000108	0.002003	1
ENSG0000	mucosal h	Inflamed	GUCA2A	protein_cc chr1	42628362	42630389	-	569	10387.05	0	2.24625	0.55703	4.032545	0.000109	0.002007	1
ENSG0000	mucosal h	Inflamed	TCEA3	protein_cc chr1	23707554	23751233	-	3515	3325.205	0	0.923626	0.22905	4.032424	0.000109	0.002007	1
ENSG0000	mucosal h	Inflamed	LINC00479	lincRNA chr21	43131680	43135935	-	2114	4.050119	0.4821	0.736423	0.182633	4.03225	0.000109	0.002007	1
ENSG0000	mucosal h	Inflamed	RP11-321C	lincRNA chr15	63682335	63729347	+	1058	62.36277	0.052506	1.346713	0.334063	4.03131	0.000109	0.002012	1
ENSG0000	mucosal h	Inflamed	C19orf10	protein_cc chr19	4641386	4670382	-	1678	3125.907	0	-0.45896	0.113862	-4.03081	0.000109	0.002013	1
ENSG0000	mucosal h	Inflamed	TEAD4	protein_cc chr12	3068496	3149839	+	2272	426.4821	0	-0.62643	0.155413	-4.03077	0.000109	0.002013	1
ENSG0000	mucosal h	Inflamed	CASC10	protein_cc chr10	21781587	21786191	-	3801	33.46778	0.01432	-0.95273	0.236373	-4.03062	0.000109	0.002013	1
ENSG0000	mucosal h	Inflamed	SLC25A23	protein_cc chr19	6436090	6465214	-	4859	6772.198	0	0.731579	0.181521	4.030272	0.000109	0.002014	1
ENSG0000	mucosal h	Inflamed	STARD10	protein_cc chr11	72465774	72504726	-	3710	6853.243	0	0.765077	0.1899	4.028844	0.00011	0.002022	1
ENSG0000	mucosal h	Inflamed	RP1-80N2	lincRNA chr6	6680542	6683866	-	3325	59.87351	0.026253	1.186972	0.294619	4.028836	0.00011	0.002022	1
ENSG0000	mucosal h	Inflamed	PLEKHF1	protein_cc chr19	30155963	30166364	+	2681	354.1551	0	-0.65104	0.161647	-4.02753	0.000111	0.00203	1
ENSG0000	mucosal h	Inflamed	CMTM2	protein_cc chr16	66613351	66622178	+	1151	37.52745	0.136038	-1.6725	0.415313	-4.02708	0.000111	0.002032	1
ENSG0000	mucosal h	Inflamed	UCP2	protein_cc chr11	73685712	73694352	-	3237	3640.284	0	-0.70026	0.173894	-4.02694	0.000111	0.002032	1
ENSG0000	mucosal h	Inflamed	AP001271	sense_intr chr11	70323382	70323697	-	206	1.954654	0.501193	0.561909	0.139545	4.026717	0.000111	0.002032	1
ENSG0000	mucosal h	Inflamed	TGM2	protein_cc chr20	36756863	36794980	-	6962	11936.68	0	-1.06493	0.264533	-4.0257	0.000111	0.002038	1
ENSG0000	mucosal h	Inflamed	APLN	protein_cc chrX	1.29E+08	1.29E+08	-	3220	93.99523	0.011933	-1.34465	0.334097	-4.02472	0.000112	0.002044	1
ENSG0000	mucosal h	Inflamed	CADM1	protein_cc chr11	1.15E+08	1.15E+08	-	11015	635.2554	0	-1.06071	0.263602	-4.02391	0.000112	0.002048	1
ENSG0000	mucosal h	Inflamed	RP11-6771	antisense chr11	1.25E+08	1.25E+08	+	1538	49.36038	0	0.893282	0.222008	4.023637	0.000112	0.002048	1
ENSG0000	mucosal h	Inflamed	MSC	protein_cc chr8	72753784	72756703	-	2113	491.969	0	-1.02808	0.255525	-4.02341	0.000112	0.002048	1
ENSG0000	mucosal h	Inflamed	USF1	protein_cc chr1	1.61E+08	1.61E+08	-	2336	1874.317	0	-0.33118	0.082314	-4.02337	0.000112	0.002048	1
ENSG0000	mucosal h	Inflamed	RBP5	protein_cc chr12	7276280	7281538	-	1369	318.2005	0	-1.00514	0.249903	-4.0221	0.000113	0.002057	1
ENSG0000	mucosal h	Inflamed	PORCN	protein_cc chrX	48367350	48379202	+	3011	267.4033	0	-0.44424	0.110471	-4.02133	0.000113	0.002061	1
ENSG0000	mucosal h	Inflamed	CARD17	protein_cc chr11	1.05E+08	1.05E+08	-	466	4.582339	0.319809	-0.9076	0.22575	-4.02036	0.000114	0.002066	1
ENSG0000	mucosal h	Inflamed	CTD-2545	lincRNA chr19	50990067	50990895	-	626	7.434368	0.181384	-0.96231	0.23937	-4.02019	0.000114	0.002066	1
ENSG0000	mucosal h	Inflamed	ALOX5	protein_cc chr10	45869661	45941561	+	3685	1629.709	0	-0.89154	0.22177	-4.02013	0.000114	0.002066	1
ENSG0000	mucosal h	Inflamed	C2orf54	protein_cc chr2	2.42E+08	2.42E+08	-	2772	209.0239	0.009547	1.312193	0.326462	4.019432	0.000114	0.002069	1
ENSG0000	mucosal h	Inflamed	IGHV3OR1	IG_V_pseu chr16	33740804	33741266	-	360	2.190931	0.622912	-0.78891	0.196282	-4.01927	0.000114	0.002069	1
ENSG0000	mucosal h	Inflamed	GAREML	protein_cc chr2	26395960	26412532	+	5939	317.8115	0	0.692085	0.172224	4.018525	0.000114	0.002073	1
ENSG0000	mucosal h	Inflamed	TTYH3	protein_cc chr7	2671585	2704436	+	6129	8049.776	0	-0.65906	0.164031	-4.01789	0.000115	0.002077	1
ENSG0000	mucosal h	Inflamed	RP11-103J	lincRNA chr20	10981952	10982411	+	460	2.319809	0.560859	0.636261	0.158405	4.016675	0.000115	0.002085	1
ENSG0000	mucosal h	Inflamed	IGF2BP2	protein_cc chr3	1.85E+08	1.86E+08	-	4735	1750.119	0	0.634261	0.157931	4.016061	0.000115	0.002088	1
ENSG0000	mucosal h	Inflamed	AC092569	pseudoger chr2	30969310	30969567	-	258	1.692124	0.596659	0.629891	0.156898	4.014645	0.000116	0.002097	1
ENSG0000	mucosal h	Inflamed	LRRC31	protein_cc chr3	1.7E+08	1.7E+08	-	3113	656.4439	0.009547	1.285931	0.320494	4.012338	0.000117	0.002112	1
ENSG0000	mucosal h	Inflamed	PSMB2	protein_cc chr1	36067185	36107445	-	2701	3778.933	0	-0.32167	0.080172	-4.01228	0.000117	0.002112	1
ENSG0000	mucosal h	Inflamed	CD274	protein_cc chr9	5450503	5470566	+	4108	542.1169	0	-1.27691	0.318288	-4.0118	0.000117	0.002115	1
ENSG0000	mucosal h	Inflamed	CNKSR3	protein_cc chr6	1.55E+08	1.55E+08	-	21564	912.8568	0	0.7253	0.180801	4.011589	0.000117	0.002115	1
ENSG0000	mucosal h	Inflamed	FICD	protein_cc chr12	1.09E+08	1.09E+08	+	4267	571.0072	0	-0.62572	0.15599	-4.01131	0.000117	0.002116	1
ENSG0000	mucosal h	Inflamed	NTRK3	protein_cc chr15	88418230	88799999	-	9078	64.02864	0.02148	1.48698	0.370807	4.010115	0.000118	0.002123	1
ENSG0000	mucosal h	Inflamed	MGAT1	protein_cc chr5	1.8E+08	1.8E+08	-	5817	9325.575	0	-0.39901	0.099544	-4.00835	0.000119	0.002134	1

ENSG0000	mucosal h	Inflamed	RAB11FIP1	protein_cc	chr8	37716136	37756985	-	9602	10277.99	0	0.647457	0.161528	4.008329	0.000119	0.002134	1
ENSG0000	mucosal h	Inflamed	PRG4	protein_cc	chr1	1.86E+08	1.86E+08	+	5050	6.859189	0.348449	-1.00535	0.250878	-4.00732	0.000119	0.00214	1
ENSG0000	mucosal h	Inflamed	NOD2	protein_cc	chr16	50727514	50766988	+	5747	341.4081	0	-1.0054	0.250899	-4.00719	0.000119	0.00214	1
ENSG0000	mucosal h	Inflamed	SNAI3	protein_cc	chr16	88744090	88752901	-	1732	139.6301	0	-0.73343	0.183115	-4.0053	0.00012	0.002153	1
ENSG0000	mucosal h	Inflamed	HLA-DQB1	protein_cc	chr6	32627244	32636160	-	4904	3107.112	0	-0.78792	0.196739	-4.00487	0.00012	0.002155	1
ENSG0000	mucosal h	Inflamed	RP11-404F	antisense	chr14	96725748	96734961	-	738	1.427208	0.696897	0.483835	0.120839	4.003958	0.000121	0.002161	1
ENSG0000	mucosal h	Inflamed	RP11-395F	antisense	chr9	1.31E+08	1.31E+08	-	745	350.1862	0	0.849195	0.212114	4.003478	0.000121	0.002163	1
ENSG0000	mucosal h	Inflamed	AC011526	lincRNA	chr19	41960074	42006559	-	3884	110.2959	0.002387	-1.00528	0.251117	-4.00322	0.000121	0.002164	1
ENSG0000	mucosal h	Inflamed	RP5-1092f	antisense	chr1	3575502	3585336	-	754	2.047733	0.52506	-0.60284	0.150619	-4.00241	0.000121	0.002168	1
ENSG0000	mucosal h	Inflamed	RP11-575f	antisense	chr10	20359734	20380713	-	499	4.906921	0.322196	0.848316	0.211955	4.002344	0.000121	0.002168	1
ENSG0000	mucosal h	Inflamed	PLXNA2	protein_cc	chr1	2.08E+08	2.08E+08	-	13781	5104.742	0	0.748468	0.187031	4.001836	0.000121	0.00217	1
ENSG0000	mucosal h	Inflamed	ADAM8	protein_cc	chr10	1.35E+08	1.35E+08	-	4780	1523.549	0	-1.12864	0.282057	-4.00147	0.000122	0.002171	1
ENSG0000	mucosal h	Inflamed	DKFZP434l	protein_cc	chr9	98534605	98537013	+	2409	10.97613	0.095465	0.986079	0.246432	4.001432	0.000122	0.002171	1
ENSG0000	mucosal h	Inflamed	MPND	protein_cc	chr19	4343524	4360083	+	2049	1664.876	0	0.470399	0.117563	4.001254	0.000122	0.002171	1
ENSG0000	mucosal h	Inflamed	RETNLB	protein_cc	chr3	1.08E+08	1.08E+08	-	1106	1189.601	0.009547	1.836823	0.4591	4.000922	0.000122	0.002172	1
ENSG0000	mucosal h	Inflamed	RP11-680f	antisense	chr12	53692449	53694098	-	637	7.811456	0.150358	-1.00215	0.250526	-4.00017	0.000122	0.002176	1
ENSG0000	mucosal h	Inflamed	RP11-65J3	lincRNA	chr9	1.32E+08	1.32E+08	+	1594	52.17661	0	-0.92078	0.230256	-3.99895	0.000123	0.002184	1
ENSG0000	mucosal h	Inflamed	MACROD1	protein_cc	chr11	63766030	63933578	-	2089	451.1169	0	0.591869	0.148054	3.997646	0.000123	0.00219	1
ENSG0000	mucosal h	Inflamed	SFTA2	protein_cc	chr6	30899130	30899952	-	691	3.868735	0.575179	-0.9937	0.248575	-3.99759	0.000123	0.00219	1
ENSG0000	mucosal h	Inflamed	RP11-75C5	lincRNA	chr9	8858130	8862255	+	2494	40.19093	0.002387	0.828522	0.207257	3.997563	0.000123	0.00219	1
ENSG0000	mucosal h	Inflamed	RP11-91J1	lincRNA	chr8	424455	427966	+	3512	184.0621	0.004773	0.921559	0.230532	3.997528	0.000123	0.00219	1
ENSG0000	mucosal h	Inflamed	WNK4	protein_cc	chr17	40932696	40948954	+	5089	2131.1	0	1.341598	0.335672	3.996751	0.000124	0.002194	1
ENSG0000	mucosal h	Inflamed	DYSF	protein_cc	chr2	71680852	71913898	+	8386	1916.869	0	-1.19502	0.299023	-3.9964	0.000124	0.002196	1
ENSG0000	mucosal h	Inflamed	AC147651	antisense	chr7	642822	648119	+	731	42.93317	0.004773	-1.02237	0.255845	-3.99607	0.000124	0.002197	1
ENSG0000	mucosal h	Inflamed	SERPINB3	protein_cc	chr18	61322431	61329197	-	1777	137.5728	0.46778	-2.84042	0.710897	-3.99554	0.000124	0.0022	1
ENSG0000	mucosal h	Inflamed	CTC-378H	antisense	chr19	42656721	42661675	+	1955	22.49403	0.026253	-0.98465	0.246499	-3.99453	0.000125	0.002206	1
ENSG0000	mucosal h	Inflamed	RP11-634E	antisense	chr1	2.48E+08	2.48E+08	+	1882	2.529833	0.53222	0.591431	0.148081	3.993968	0.000125	0.002209	1
ENSG0000	mucosal h	Inflamed	TMEM156	protein_cc	chr4	38968365	39034542	-	2562	151.0597	0	-1.05103	0.2632	-3.99329	0.000125	0.002213	1
ENSG0000	mucosal h	Inflamed	FUT7	protein_cc	chr9	1.4E+08	1.4E+08	-	2584	85.6611	0.009547	-1.34534	0.337022	-3.99183	0.000126	0.002223	1
ENSG0000	mucosal h	Inflamed	RHOG	protein_cc	chr11	3848208	3862213	-	1782	3598.527	0	-0.42921	0.107545	-3.99099	0.000126	0.002229	1
ENSG0000	mucosal h	Inflamed	U91328.22	lincRNA	chr6	26013469	26013985	+	517	3.761337	0.341289	0.711433	0.178272	3.990707	0.000126	0.002229	1
ENSG0000	mucosal h	Inflamed	AC009061	pseudoger	chr16	67466595	67468931	+	2334	1357.131	0.016706	1.807391	0.452906	3.990654	0.000126	0.002229	1
ENSG0000	mucosal h	Inflamed	AC002331	lincRNA	chr16	26596076	26606134	-	294	2.811456	0.5179	-0.76371	0.191436	-3.98936	0.000127	0.002238	1
ENSG0000	mucosal h	Inflamed	MPST	protein_cc	chr22	37415676	37425863	+	6760	6021.069	0	0.517954	0.129858	3.988614	0.000127	0.002241	1
ENSG0000	mucosal h	Inflamed	ABCB1	protein_cc	chr7	87133175	87342611	-	5552	1687.248	0	1.342324	0.336566	3.988298	0.000128	0.002241	1
ENSG0000	mucosal h	Inflamed	RP11-513M	antisense	chr9	19375449	19375994	+	546	21.08115	0.019093	0.758625	0.190218	3.988182	0.000128	0.002241	1
ENSG0000	mucosal h	Inflamed	RP11-170L	pseudoger	chr16	31973384	31985682	+	513	3.918854	0.420048	-0.78588	0.197054	-3.98815	0.000128	0.002241	1
ENSG0000	mucosal h	Inflamed	VWFP1	pseudoger	chr22	17170993	17185367	-	2907	43.98329	0.107399	-1.24416	0.312026	-3.98736	0.000128	0.002246	1
ENSG0000	mucosal h	Inflamed	SAA4	protein_cc	chr11	18252896	18258440	-	727	8.847255	0.463007	-1.35329	0.339406	-3.98724	0.000128	0.002246	1
ENSG0000	mucosal h	Inflamed	RP4-798A1	pseudoger	chr1	1.71E+08	1.71E+08	+	232	6.732697	0.202864	0.805889	0.20214	3.986786	0.000128	0.002248	1

ENSG0000	mucosal h	Inflamed	ZDHHC23	protein_cc chr3	1.14E+08	1.14E+08	+	7138	1170.47	0	0.965024	0.242171	3.984891	0.000129	0.002262	1
ENSG0000	mucosal h	Inflamed	FMO3	protein_cc chr1	1.71E+08	1.71E+08	+	3463	39.94749	0.026253	-1.11763	0.280482	-3.98466	0.000129	0.002262	1
ENSG0000	mucosal h	Inflamed	GPR137B	protein_cc chr1	2.36E+08	2.36E+08	+	2279	833.7494	0	-0.57269	0.14379	-3.98281	0.00013	0.002275	1
ENSG0000	mucosal h	Inflamed	TM4SF5	protein_cc chr17	4675179	4686506	+	930	289.5585	0.004773	1.150699	0.288921	3.982742	0.00013	0.002275	1
ENSG0000	mucosal h	Inflamed	PLEKHG3	protein_cc chr14	65170820	65213610	+	8555	3062.153	0	0.600712	0.150877	3.981473	0.000131	0.002284	1
ENSG0000	mucosal h	Inflamed	CST6	protein_cc chr11	65779312	65780976	+	759	4.28401	0.357995	-1.00409	0.252208	-3.98119	0.000131	0.002284	1
ENSG0000	mucosal h	Inflamed	TLN2	protein_cc chr15	62682725	63136830	+	16202	3527.637	0	0.66207	0.166302	3.981125	0.000131	0.002284	1
ENSG0000	mucosal h	Inflamed	AC053503	antisense chr2	2.2E+08	2.2E+08	+	1598	12.46062	0.069212	0.886535	0.222717	3.980541	0.000131	0.002287	1
ENSG0000	mucosal h	Inflamed	RP11-480I	pseudoger chr1	2.03E+08	2.03E+08	-	2958	81.2673	0.002387	0.821673	0.206451	3.979993	0.000131	0.00229	1
ENSG0000	mucosal h	Inflamed	UBTD1	protein_cc chr10	99258625	99330966	+	1706	238.5704	0	-0.84284	0.211877	-3.97798	0.000132	0.002306	1
ENSG0000	mucosal h	Inflamed	AC002511	lincRNA chr19	35923859	35925544	-	1000	62.52267	0.009547	0.963452	0.242292	3.976409	0.000133	0.002316	1
ENSG0000	mucosal h	Inflamed	PLAU	protein_cc chr10	75668935	75677255	+	2950	4807.981	0	-1.23432	0.310413	-3.97639	0.000133	0.002316	1
ENSG0000	mucosal h	Inflamed	CTC-297N	antisense chr17	10633094	10718481	+	2102	66.49403	0	0.673053	0.169289	3.975756	0.000133	0.002319	1
ENSG0000	mucosal h	Inflamed	ADM2	protein_cc chr22	50919985	50924869	+	4276	620.8401	0	-0.57888	0.145606	-3.9757	0.000134	0.002319	1
ENSG0000	mucosal h	Inflamed	RP11-582J	antisense chr8	22398358	22402918	-	4076	8.198091	0.176611	0.973764	0.24499	3.97471	0.000134	0.002325	1
ENSG0000	mucosal h	Inflamed	IGHV3-64	IG_V_gene chr14	1.07E+08	1.07E+08	-	431	882.9284	0.002387	-1.62883	0.410026	-3.9725	0.000135	0.002342	1
ENSG0000	mucosal h	Inflamed	ZNF57	protein_cc chr19	2900896	2918474	+	2258	285.1122	0	0.760963	0.191565	3.972355	0.000135	0.002342	1
ENSG0000	mucosal h	Inflamed	SPAG16	protein_cc chr2	2.14E+08	2.15E+08	+	8335	281.0191	0	0.579159	0.145811	3.97199	0.000135	0.002343	1
ENSG0000	mucosal h	Inflamed	SIRPB2	protein_cc chr20	1451386	1472233	-	5199	250.2411	0.002387	-0.96783	0.243672	-3.97186	0.000135	0.002343	1
ENSG0000	mucosal h	Inflamed	CHRM1	protein_cc chr11	62676151	62689279	-	3250	105.611	0.009547	1.225959	0.308692	3.971469	0.000136	0.002345	1
ENSG0000	mucosal h	Inflamed	RP4-794H	lincRNA chr1	59486059	59510286	+	747	9.188544	0.038186	-0.73876	0.186039	-3.97098	0.000136	0.002348	1
ENSG0000	mucosal h	Inflamed	RP11-357C	processed_chrx	62563106	62780951	-	6379	911.5537	0	0.458997	0.115669	3.968188	0.000137	0.002369	1
ENSG0000	mucosal h	Inflamed	SIGLEC9	protein_cc chr19	51628165	51639908	+	2539	230.0048	0	-0.94614	0.238435	-3.96812	0.000137	0.002369	1
ENSG0000	mucosal h	Inflamed	RP11-4712	lincRNA chr14	62023031	62037371	-	5148	22.73747	0.112172	-1.25421	0.316225	-3.96619	0.000138	0.002384	1
ENSG0000	mucosal h	Inflamed	CHDH	protein_cc chr3	53846362	53880417	-	7758	1929.957	0	0.813841	0.205204	3.966013	0.000138	0.002384	1
ENSG0000	mucosal h	Inflamed	SUSD3	protein_cc chr9	95820989	95847420	+	1244	222.0072	0	-0.8451	0.213107	-3.96563	0.000138	0.002386	1
ENSG0000	mucosal h	Inflamed	RP11-500C	antisense chr10	1.24E+08	1.24E+08	+	951	14.41766	0.026253	0.718921	0.181318	3.964969	0.000139	0.00239	1
ENSG0000	mucosal h	Inflamed	C4BPB	protein_cc chr1	2.07E+08	2.07E+08	+	3219	772.3317	0.002387	-1.65559	0.417605	-3.96449	0.000139	0.002392	1
ENSG0000	mucosal h	Inflamed	RP11-379E	lincRNA chr3	1.26E+08	1.26E+08	-	4198	109.2387	0.002387	0.922232	0.232695	3.963264	0.00014	0.002401	1
ENSG0000	mucosal h	Inflamed	TRABD2A	protein_cc chr2	85048774	85134132	-	8771	2907.926	0	1.043756	0.263372	3.96305	0.00014	0.002402	1
ENSG0000	mucosal h	Inflamed	CDKL1	protein_cc chr14	50796310	50883179	-	5961	209.1313	0.002387	0.793758	0.2003	3.962848	0.00014	0.002402	1
ENSG0000	mucosal h	Inflamed	CNTFR	protein_cc chr9	34551430	34590121	-	2094	325.2816	0.023866	1.771729	0.447352	3.96048	0.000141	0.002421	1
ENSG0000	mucosal h	Inflamed	MYH7B	protein_cc chr20	33563206	33590240	+	7929	46.62291	0.023866	0.739055	0.186653	3.959507	0.000142	0.002428	1
ENSG0000	mucosal h	Inflamed	SLC2A10	protein_cc chr20	45338126	45364965	+	4822	1105.831	0	0.546402	0.13804	3.958279	0.000142	0.002437	1
ENSG0000	mucosal h	Inflamed	GRB7	protein_cc chr17	37894180	37903544	+	3597	762.7733	0	0.809471	0.204636	3.955659	0.000144	0.002459	1
ENSG0000	mucosal h	Inflamed	RP5-857K2	pseudoger chr1	569756	570302	+	547	5465.215	0	0.716116	0.181044	3.955484	0.000144	0.002459	1
ENSG0000	mucosal h	Inflamed	IYD	protein_cc chr6	1.51E+08	1.51E+08	+	10362	811.1957	0.004773	1.241915	0.314062	3.954362	0.000144	0.002467	1
ENSG0000	mucosal h	Inflamed	FHDC1	protein_cc chr4	1.54E+08	1.54E+08	+	6593	1347.84	0	0.718056	0.181605	3.953939	0.000144	0.002468	1
ENSG0000	mucosal h	Inflamed	GAL	protein_cc chr11	68451247	68458643	+	1300	51.22673	0.038186	-1.35089	0.341661	-3.95387	0.000144	0.002468	1
ENSG0000	mucosal h	Inflamed	MNX1	protein_cc chr7	1.57E+08	1.57E+08	-	4202	359.5585	0.004773	1.047353	0.264931	3.953306	0.000145	0.00247	1

ENSG0000	mucosal h	Inflamed	Z98881.1	pseudoger	chr16	653555	653904	+	348	6.312649	0.181384	0.7407	0.187372	3.953103	0.000145	0.00247	1
ENSG0000	mucosal h	Inflamed	PRKCDBP	protein_cc	chr11	6340176	6341877	-	1672	674.7876	0	-1.02855	0.26019	-3.95309	0.000145	0.00247	1
ENSG0000	mucosal h	Inflamed	RP11-789C	lincRNA	chr4	1.71E+08	1.71E+08	+	429	4.563246	0.501193	0.811405	0.205271	3.952858	0.000145	0.002471	1
ENSG0000	mucosal h	Inflamed	GZMH	protein_cc	chr14	25075686	25078905	-	951	64.67542	0.002387	-0.86137	0.21796	-3.95195	0.000145	0.002477	1
ENSG0000	mucosal h	Inflamed	LOXL2	protein_cc	chr8	23154702	23282841	-	5707	3418.432	0	-1.0479	0.265183	-3.95162	0.000146	0.002478	1
ENSG0000	mucosal h	Inflamed	OR4C6	protein_cc	chr11	55432614	55433671	+	1058	2.038186	0.606205	-0.76376	0.193301	-3.95114	0.000146	0.002481	1
ENSG0000	mucosal h	Inflamed	ARHGAP9	protein_cc	chr12	57866038	57882597	-	5127	1455.654	0	-0.84604	0.214157	-3.95054	0.000146	0.002485	1
ENSG0000	mucosal h	Inflamed	CCL3	protein_cc	chr17	34415602	34417515	-	1494	408.074	0	-1.57083	0.397664	-3.95013	0.000146	0.002487	1
ENSG0000	mucosal h	Inflamed	ATP13A4	protein_cc	chr3	1.93E+08	1.93E+08	-	6013	153.5704	0.00716	1.275329	0.322901	3.949604	0.000147	0.00249	1
ENSG0000	mucosal h	Inflamed	TSPAN7	protein_cc	chrX	38420623	38548169	+	3105	1792.566	0	0.700461	0.177367	3.949229	0.000147	0.002492	1
ENSG0000	mucosal h	Inflamed	WDR45	protein_cc	chrX	48929385	48958108	-	4981	1198.661	0	-0.3715	0.094076	-3.94896	0.000147	0.002493	1
ENSG0000	mucosal h	Inflamed	KLK15	protein_cc	chr19	51328545	51340469	-	2289	221.9857	0.011933	1.780791	0.451118	3.947507	0.000148	0.002504	1
ENSG0000	mucosal h	Inflamed	RP11-175F	antisense	chr12	1.01E+08	1.01E+08	+	418	4.673031	0.193317	0.701435	0.177706	3.947177	0.000148	0.002505	1
ENSG0000	mucosal h	Inflamed	C4B	protein_cc	chr6	31982539	32003195	+	7116	808.6158	0.002387	-1.34733	0.34136	-3.94694	0.000148	0.002505	1
ENSG0000	mucosal h	Inflamed	RP11-164F	antisense	chr4	1.53E+08	1.53E+08	+	2565	11.26969	0.167064	1.090547	0.276334	3.946483	0.000148	0.002505	1
ENSG0000	mucosal h	Inflamed	GGT5	protein_cc	chr22	24615622	24641110	-	2590	1512.523	0	-0.95541	0.242094	-3.94645	0.000148	0.002505	1
ENSG0000	mucosal h	Inflamed	IGHV1-2	IG_V_gene	chr14	1.06E+08	1.06E+08	-	415	10960.87	0	-1.49195	0.378059	-3.94635	0.000148	0.002505	1
ENSG0000	mucosal h	Inflamed	MAGEH1	protein_cc	chrX	55478538	55479998	+	1461	347.2172	0	-0.69353	0.175741	-3.94633	0.000148	0.002505	1
ENSG0000	mucosal h	Inflamed	ELL3	protein_cc	chr15	44064798	44069741	-	2880	59.11695	0.009547	0.939063	0.237968	3.946176	0.000149	0.002505	1
ENSG0000	mucosal h	Inflamed	MAFG-AS1	antisense	chr17	79885705	79888629	+	1895	58.34368	0.002387	-0.62689	0.15889	-3.94543	0.000149	0.00251	1
ENSG0000	mucosal h	Inflamed	LINC00839	lincRNA	chr10	42970991	42990784	+	2337	56.57995	0.01432	-1.03313	0.261905	-3.94469	0.000149	0.002515	1
ENSG0000	mucosal h	Inflamed	IGHV1-12	IG_V_pseu	chr14	1.07E+08	1.07E+08	-	205	28.04773	0.150358	-1.15216	0.29222	-3.94277	0.00015	0.002531	1
ENSG0000	mucosal h	Inflamed	TMEM80	protein_cc	chr11	695428	705028	+	4071	859.9594	0	0.416817	0.105727	3.942391	0.000151	0.002533	1
ENSG0000	mucosal h	Inflamed	ARL9	protein_cc	chr4	57371509	57390614	+	1258	6.522673	0.152745	-0.83545	0.211964	-3.94148	0.000151	0.00254	1
ENSG0000	mucosal h	Inflamed	NAPA-AS1	antisense	chr19	47987539	48004854	+	1894	105.3484	0	-0.64707	0.164188	-3.94103	0.000151	0.002542	1
ENSG0000	mucosal h	Inflamed	SEC61A1	protein_cc	chr3	1.28E+08	1.28E+08	+	4697	17706.64	0	-0.38303	0.097247	-3.93876	0.000153	0.002561	1
ENSG0000	mucosal h	Inflamed	CT62	protein_cc	chr15	71402583	71407833	-	2849	0.918854	0.761337	0.469412	0.119193	3.938254	0.000153	0.002563	1
ENSG0000	mucosal h	Inflamed	PSME2	protein_cc	chr14	24612574	24616779	-	3579	5475.58	0	-0.49383	0.125395	-3.93817	0.000153	0.002563	1
ENSG0000	mucosal h	Inflamed	SLC2A3	protein_cc	chr12	8071826	8088871	-	6159	1661.814	0	-1.27092	0.322801	-3.93716	0.000153	0.002571	1
ENSG0000	mucosal h	Inflamed	SERPINB7	protein_cc	chr18	61420169	61472604	+	2596	468.926	0.281623	-2.94032	0.7469	-3.93669	0.000154	0.002572	1
ENSG0000	mucosal h	Inflamed	KCNK10	protein_cc	chr14	88649113	88793251	-	5592	121.031	0.004773	1.095449	0.278268	3.936674	0.000154	0.002572	1
ENSG0000	mucosal h	Inflamed	PCOLCE	protein_cc	chr7	1E+08	1E+08	+	3532	2850.444	0	-0.97633	0.24809	-3.93538	0.000154	0.002582	1
ENSG0000	mucosal h	Inflamed	CLEC14A	protein_cc	chr14	38723308	38725574	-	2267	649.0573	0	-0.91845	0.233388	-3.93527	0.000154	0.002582	1
ENSG0000	mucosal h	Inflamed	B4GALT3	protein_cc	chr1	1.61E+08	1.61E+08	-	3419	2035.883	0	-0.30801	0.078301	-3.93367	0.000155	0.002595	1
ENSG0000	mucosal h	Inflamed	NT5DC4	protein_cc	chr2	1.13E+08	1.14E+08	+	4225	26.53938	0.078759	-1.38534	0.352267	-3.93263	0.000156	0.002603	1
ENSG0000	mucosal h	Inflamed	AL049840	protein_cc	chr14	1.04E+08	1.04E+08	+	1543	65.50597	0.002387	0.561781	0.142874	3.931997	0.000156	0.002607	1
ENSG0000	mucosal h	Inflamed	ST3GAL1	protein_cc	chr8	1.34E+08	1.35E+08	-	8730	2886.79	0	-0.93342	0.237395	-3.93194	0.000156	0.002607	1
ENSG0000	mucosal h	Inflamed	RP11-617L	antisense	chr4	38614322	38666504	-	3101	35.06683	0.033413	1.055713	0.268509	3.931755	0.000156	0.002607	1
ENSG0000	mucosal h	Inflamed	ADCY6	protein_cc	chr12	49159975	49182820	-	8412	7082.296	0	0.693207	0.176342	3.931038	0.000157	0.00261	1
ENSG0000	mucosal h	Inflamed	AC226118	lincRNA	chr7	419325	422678	+	2146	7.169451	0.21957	0.899251	0.228758	3.931018	0.000157	0.00261	1

ENSG0000	mucosal h	Inflamed	AC012507	antisense	chr2	2.32E+08	2.32E+08	+	2265	6.677804	0.181384	0.82996	0.211196	3.929814	0.000158	0.00262	1
ENSG0000	mucosal h	Inflamed	AC112721	lincRNA	chr2	2.38E+08	2.38E+08	-	541	4.224344	0.408115	-0.90427	0.230118	-3.92961	0.000158	0.00262	1
ENSG0000	mucosal h	Inflamed	TLR8	protein_cc	chrX	12924739	12941288	+	4353	270.7375	0	-1.07138	0.272672	-3.92918	0.000158	0.002623	1
ENSG0000	mucosal h	Inflamed	SLC17A8	protein_cc	chr12	1.01E+08	1.01E+08	+	4272	43.3747	0.126492	1.42192	0.362016	3.927777	0.000159	0.002634	1
ENSG0000	mucosal h	Inflamed	DEF8	protein_cc	chr16	90014333	90034468	+	6565	2065.862	0	-0.46044	0.117237	-3.92744	0.000159	0.002634	1
ENSG0000	mucosal h	Inflamed	SSTR1	protein_cc	chr14	38677204	38682272	+	4295	479.673	0.004773	1.1397	0.29019	3.927434	0.000159	0.002634	1
ENSG0000	mucosal h	Inflamed	CCL14	protein_cc	chr17	34310327	34329100	-	4226	169.9021	0	0.618695	0.157538	3.927262	0.000159	0.002634	1
ENSG0000	mucosal h	Inflamed	RP11-3751	antisense	chr1	1.66E+08	1.66E+08	+	594	4.768496	0.24821	0.794131	0.202225	3.926957	0.000159	0.002635	1
ENSG0000	mucosal h	Inflamed	IGLV3-9	IG_V_gene	chr22	23161507	23162253	+	461	1270.706	0.002387	-1.6359	0.416745	-3.92543	0.00016	0.002648	1
ENSG0000	mucosal h	Inflamed	DIO3	protein_cc	chr14	1.02E+08	1.02E+08	+	2102	66.79475	0.019093	1.354993	0.345325	3.923824	0.000161	0.002662	1
ENSG0000	mucosal h	Inflamed	CYP27B1	protein_cc	chr12	58156117	58162769	-	3440	140.6611	0	-0.84022	0.214296	-3.92085	0.000163	0.002689	1
ENSG0000	mucosal h	Inflamed	RP11-1451	antisense	chr1	2.26E+08	2.26E+08	+	1530	2.484487	0.584726	-0.83107	0.211985	-3.92044	0.000163	0.002691	1
ENSG0000	mucosal h	Inflamed	PRR16	protein_cc	chr5	1.2E+08	1.2E+08	+	2281	268.568	0	-0.9161	0.2337	-3.91999	0.000163	0.002693	1
ENSG0000	mucosal h	Inflamed	RP11-4981	lincRNA	chr9	1.25E+08	1.25E+08	+	708	31.12172	0.011933	0.748057	0.190835	3.919923	0.000163	0.002693	1
ENSG0000	mucosal h	Inflamed	TPPP2	protein_cc	chr14	21492268	21504435	+	2475	4.73031	0.334129	0.637055	0.162537	3.919447	0.000164	0.002695	1
ENSG0000	mucosal h	Inflamed	EDNRA	protein_cc	chr4	1.48E+08	1.48E+08	+	4238	317.7589	0.002387	-1.12345	0.286719	-3.91831	0.000164	0.002703	1
ENSG0000	mucosal h	Inflamed	S100A3	protein_cc	chr1	1.54E+08	1.54E+08	-	955	42.53222	0.023866	-1.25782	0.321015	-3.91826	0.000164	0.002703	1
ENSG0000	mucosal h	Inflamed	AC006042	pseudoger	chr7	8019943	8021859	+	1469	20.98807	0.124105	-1.36569	0.348556	-3.91813	0.000164	0.002703	1
ENSG0000	mucosal h	Inflamed	MEFV	protein_cc	chr16	3292028	3306627	-	4819	434.7088	0.00716	-1.40709	0.359158	-3.91773	0.000165	0.002705	1
ENSG0000	mucosal h	Inflamed	HAAO	protein_cc	chr2	42994229	43019733	-	2726	637.6396	0	0.74294	0.189718	3.916017	0.000166	0.00272	1
ENSG0000	mucosal h	Inflamed	EPHX2	protein_cc	chr8	27348296	27403081	+	4473	2283.286	0	0.87185	0.222684	3.915189	0.000166	0.002727	1
ENSG0000	mucosal h	Inflamed	ENPP2	protein_cc	chr8	1.21E+08	1.21E+08	-	6729	1738.874	0	-0.86216	0.220257	-3.91431	0.000167	0.002732	1
ENSG0000	mucosal h	Inflamed	SLC3A2	protein_cc	chr11	62623518	62656352	+	5239	3422.721	0	-0.38202	0.097597	-3.91429	0.000167	0.002732	1
ENSG0000	mucosal h	Inflamed	NFAM1	protein_cc	chr22	42776416	42828401	-	5817	1393.563	0	-0.96406	0.246315	-3.91391	0.000167	0.002734	1
ENSG0000	mucosal h	Inflamed	KCNA5	protein_cc	chr12	5153085	5155949	+	2865	25.44869	0.033413	-1.093	0.279275	-3.9137	0.000167	0.002734	1
ENSG0000	mucosal h	Inflamed	RP11-6271	processed	chr11	1.34E+08	1.34E+08	+	8255	495.0692	0.00716	1.492265	0.381509	3.911484	0.000168	0.002755	1
ENSG0000	mucosal h	Inflamed	SRPX2	protein_cc	chrX	99899215	99926296	+	2368	310.2411	0	-0.89907	0.229864	-3.91129	0.000168	0.002755	1
ENSG0000	mucosal h	Inflamed	RP11-4161	antisense	chr10	1.05E+08	1.05E+08	+	1432	17.70883	0.050119	0.998814	0.255403	3.91074	0.000169	0.002758	1
ENSG0000	mucosal h	Inflamed	PAX6	protein_cc	chr11	31806340	31839509	-	14776	22.70167	0.054893	1.161552	0.297147	3.90902	0.00017	0.002774	1
ENSG0000	mucosal h	Inflamed	WDR54	protein_cc	chr2	74648805	74652882	+	2860	199.3556	0	-0.56896	0.145576	-3.90833	0.00017	0.002779	1
ENSG0000	mucosal h	Inflamed	RP1-29C11	sense_intr	chr22	49965912	49969074	-	2379	15.58234	0.076372	-0.86616	0.221668	-3.90748	0.000171	0.002784	1
ENSG0000	mucosal h	Inflamed	AC093673	antisense	chr7	1.43E+08	1.43E+08	-	648	86.76134	0	-0.63928	0.163605	-3.90747	0.000171	0.002784	1
ENSG0000	mucosal h	Inflamed	ANXA1	protein_cc	chr9	75766673	75785309	+	4561	2694.931	0	-1.08036	0.276503	-3.90721	0.000171	0.002785	1
ENSG0000	mucosal h	Inflamed	RP11-27N1	lincRNA	chr8	80680377	80715077	+	789	1.875895	0.575179	0.566334	0.144952	3.907052	0.000171	0.002785	1
ENSG0000	mucosal h	Inflamed	JAKMIP1	protein_cc	chr4	6027926	6202318	-	3673	45.48449	0.011933	-0.91605	0.234473	-3.90684	0.000171	0.002785	1
ENSG0000	mucosal h	Inflamed	CSTA	protein_cc	chr3	1.22E+08	1.22E+08	+	1373	100.8974	0	-1.03794	0.265805	-3.9049	0.000172	0.002803	1
ENSG0000	mucosal h	Inflamed	LY6G5C	protein_cc	chr6	31644461	31651817	-	2621	80.45585	0	-0.42028	0.10771	-3.90194	0.000174	0.002831	1
ENSG0000	mucosal h	Inflamed	TLE2	protein_cc	chr19	2997636	3047633	-	4038	1299.322	0	0.674342	0.172871	3.900831	0.000175	0.00284	1
ENSG0000	mucosal h	Inflamed	APOC1	protein_cc	chr19	45417504	45422606	+	1231	515.2243	0	-0.91508	0.234668	-3.89944	0.000176	0.002853	1
ENSG0000	mucosal h	Inflamed	IGHE	IG_C_gene	chr14	1.06E+08	1.06E+08	-	1543	55.26969	0.016706	-1.14242	0.29301	-3.89892	0.000176	0.002856	1

ENSG0000	mucosal h	Inflamed	RP11-326l	sense_intr	chr4	1.85E+08	1.85E+08	-	686	40.76372	0.00716	-0.79873	0.204892	-3.89831	0.000176	0.002861	1
ENSG0000	mucosal h	Inflamed	HLA-DOA	protein_cc	chr6	32971955	32977389	-	4012	2056.351	0	-0.67672	0.173621	-3.89769	0.000177	0.002865	1
ENSG0000	mucosal h	Inflamed	RP11-226L	pseudoger	chr1	1.6E+08	1.6E+08	+	428	1.190931	0.775656	0.452903	0.116201	3.897594	0.000177	0.002865	1
ENSG0000	mucosal h	Inflamed	RP1-239B2	antisense	chr11	17402196	17405078	+	2883	178.864	0	0.847345	0.21748	3.8962	0.000178	0.002877	1
ENSG0000	mucosal h	Inflamed	TUBB6	protein_cc	chr18	12307668	12344319	+	4117	1371.549	0	-0.82134	0.210844	-3.89547	0.000178	0.002883	1
ENSG0000	mucosal h	Inflamed	HOPX	protein_cc	chr4	57514155	57548065	-	7759	137.494	0	-0.75432	0.193667	-3.89494	0.000179	0.002887	1
ENSG0000	mucosal h	Inflamed	MANF	protein_cc	chr3	51422478	51426828	+	2111	2922.42	0	-0.53323	0.136982	-3.89271	0.00018	0.002908	1
ENSG0000	mucosal h	Inflamed	OR52K3P	pseudoger	chr11	4496043	4497123	+	1081	8.377088	0.322196	-1.04409	0.26828	-3.89181	0.000181	0.002915	1
ENSG0000	mucosal h	Inflamed	PEX11A	protein_cc	chr15	90220995	90234014	-	3171	581.4487	0	0.749645	0.192626	3.891716	0.000181	0.002915	1
ENSG0000	mucosal h	Inflamed	ROBO4	protein_cc	chr11	1.25E+08	1.25E+08	-	7033	958.6993	0	-0.97085	0.249489	-3.89137	0.000181	0.002916	1
ENSG0000	mucosal h	Inflamed	RFTN1	protein_cc	chr3	16355081	16555533	-	4776	2173.263	0	-0.8432	0.216714	-3.89086	0.000181	0.00292	1
ENSG0000	mucosal h	Inflamed	IGLV3-6	IG_V_pseu	chr22	23192550	23192799	+	250	6.042959	0.274463	-1.03229	0.265349	-3.89032	0.000182	0.002924	1
ENSG0000	mucosal h	Inflamed	SAMSN1	protein_cc	chr21	15857549	15955723	-	3152	549.5203	0	-0.97462	0.250548	-3.88993	0.000182	0.002926	1
ENSG0000	mucosal h	Inflamed	IL36RN	protein_cc	chr2	1.14E+08	1.14E+08	+	3299	5.300716	0.577566	-1.16805	0.300311	-3.88946	0.000182	0.002929	1
ENSG0000	mucosal h	Inflamed	TMEM8B	protein_cc	chr9	35814448	35854844	+	5426	861.3126	0	0.572638	0.147264	3.888498	0.000183	0.002938	1
ENSG0000	mucosal h	Inflamed	APOC2	protein_cc	chr19	45449243	45452822	+	1312	20.6611	0.040573	-0.84101	0.21631	-3.88796	0.000183	0.002941	1
ENSG0000	mucosal h	Inflamed	NDUFA6-A	processed	chr22	42486935	42535286	+	6653	176.685	0	0.449956	0.115828	3.884677	0.000185	0.002974	1
ENSG0000	mucosal h	Inflamed	BCAT2	protein_cc	chr19	49298319	49314286	-	4553	1359.274	0	0.475425	0.122396	3.884325	0.000185	0.002976	1
ENSG0000	mucosal h	Inflamed	CDH22	protein_cc	chr20	44802372	44937137	-	4929	14.4463	0.102625	1.154711	0.297318	3.883752	0.000186	0.00298	1
ENSG0000	mucosal h	Inflamed	GNAI2	protein_cc	chr3	50263724	50296787	+	7650	9413.78	0	-0.63413	0.163305	-3.88313	0.000186	0.002985	1
ENSG0000	mucosal h	Inflamed	SNN	protein_cc	chr16	11762270	11773015	+	3312	995.8496	0	-0.65863	0.169643	-3.88247	0.000187	0.00299	1
ENSG0000	mucosal h	Inflamed	C17orf62	protein_cc	chr17	80400465	80408705	-	7234	4668.866	0	-0.49715	0.128067	-3.88199	0.000187	0.002992	1
ENSG0000	mucosal h	Inflamed	TYROBP	protein_cc	chr19	36395303	36399197	-	907	1692.654	0	-0.82458	0.212414	-3.88196	0.000187	0.002992	1
ENSG0000	mucosal h	Inflamed	PPM1L	protein_cc	chr3	1.6E+08	1.61E+08	+	12447	567.8401	0	0.71889	0.185262	3.880397	0.000188	0.003004	1
ENSG0000	mucosal h	Inflamed	NUDT16P	pseudoger	chr3	1.31E+08	1.31E+08	+	2312	413.8115	0	0.558613	0.143958	3.880396	0.000188	0.003004	1
ENSG0000	mucosal h	Inflamed	RP11-536k	antisense	chr10	5976233	5987863	-	3912	39.68974	0	-0.8242	0.212406	-3.88031	0.000188	0.003004	1
ENSG0000	mucosal h	Inflamed	FNDC4	protein_cc	chr2	27714750	27718112	-	1982	160.1718	0.002387	-1.09169	0.281374	-3.87986	0.000188	0.003007	1
ENSG0000	mucosal h	Inflamed	PTGDS	protein_cc	chr9	1.4E+08	1.4E+08	+	2378	3761.22	0	-1.51907	0.391655	-3.87859	0.000189	0.003019	1
ENSG0000	mucosal h	Inflamed	EMID1	protein_cc	chr22	29601840	29655586	+	4899	1132.637	0	-0.62984	0.162448	-3.87721	0.00019	0.003032	1
ENSG0000	mucosal h	Inflamed	SPOCD1	protein_cc	chr1	32256023	32281652	-	7085	125.7375	0.004773	-0.93812	0.242063	-3.87553	0.000191	0.003049	1
ENSG0000	mucosal h	Inflamed	CCR10	protein_cc	chr17	40830907	40835935	-	2619	151.8258	0	-0.98126	0.253207	-3.87531	0.000191	0.003049	1
ENSG0000	mucosal h	Inflamed	CACNB2	protein_cc	chr10	18429606	18830798	+	6537	256.4415	0.002387	1.003203	0.258905	3.874796	0.000192	0.003053	1
ENSG0000	mucosal h	Inflamed	ULK3	protein_cc	chr15	75128457	75135687	-	3516	2562.227	0	0.375661	0.097001	3.872761	0.000193	0.003073	1
ENSG0000	mucosal h	Inflamed	TPRG1L	protein_cc	chr1	3541566	3546691	+	2414	3689.589	0	0.371718	0.095991	3.872446	0.000193	0.003075	1
ENSG0000	mucosal h	Inflamed	RP11-168F	lincRNA	chr1	3403810	3404191	+	382	11.12172	0.114558	0.835752	0.215836	3.87217	0.000194	0.003076	1
ENSG0000	mucosal h	Inflamed	HTR1B	protein_cc	chr6	78171948	78173490	-	1543	11.53461	0.169451	-0.99468	0.256961	-3.87092	0.000195	0.003088	1
ENSG0000	mucosal h	Inflamed	LYN	protein_cc	chr8	56792372	56923940	+	3398	3092.625	0	-0.77459	0.200155	-3.86994	0.000195	0.003097	1
ENSG0000	mucosal h	Inflamed	MB21D1	protein_cc	chr6	74123238	74161999	-	4155	304.0692	0.002387	-0.7016	0.181305	-3.86975	0.000195	0.003097	1
ENSG0000	mucosal h	Inflamed	IGHV3-71	IG_V_pseu	chr14	1.07E+08	1.07E+08	-	359	5.260143	0.267303	-0.81666	0.211063	-3.86925	0.000196	0.003101	1
ENSG0000	mucosal h	Inflamed	RAB40C	protein_cc	chr16	639357	679272	+	4180	1813.069	0	0.407205	0.105253	3.868812	0.000196	0.003104	1

ENSG0000	mucosal h	Inflamed	EMP3	protein_cc	chr19	48824766	48833810	+	1667	1196.217	0	-0.91745	0.23719	-3.86799	0.000197	0.003111	1
ENSG0000	mucosal h	Inflamed	AL122127	lincRNA	chr14	1.06E+08	1.06E+08	+	485	14.16706	0.066826	-1.01983	0.263697	-3.86742	0.000197	0.003115	1
ENSG0000	mucosal h	Inflamed	NCKIPSD	protein_cc	chr3	48701364	48723797	-	3635	1304.399	0	0.379305	0.098086	3.867074	0.000197	0.003117	1
ENSG0000	mucosal h	Inflamed	C1orf216	protein_cc	chr1	36179476	36185073	-	3629	411.2768	0.002387	-0.64327	0.166354	-3.86688	0.000197	0.003117	1
ENSG0000	mucosal h	Inflamed	SYT12	protein_cc	chr11	66774249	66818334	+	10830	134.222	0.019093	-1.53182	0.39615	-3.86676	0.000197	0.003117	1
ENSG0000	mucosal h	Inflamed	CYSLTR1	protein_cc	chrX	77526961	77583048	-	5431	152.9117	0	-0.85353	0.220765	-3.86622	0.000198	0.00312	1
ENSG0000	mucosal h	Inflamed	PKM	protein_cc	chr15	72491370	72524164	-	8572	35795.57	0	-0.44827	0.115947	-3.86615	0.000198	0.00312	1
ENSG0000	mucosal h	Inflamed	RP11-432I	lincRNA	chr16	71760878	71761895	+	1018	0.97852	0.768496	0.404311	0.104581	3.866003	0.000198	0.00312	1
ENSG0000	mucosal h	Inflamed	ACOX1	protein_cc	chr17	73937588	73975515	-	8543	5789.78	0	0.695196	0.179865	3.865098	0.000199	0.003128	1
ENSG0000	mucosal h	Inflamed	DAO	protein_cc	chr12	1.09E+08	1.09E+08	+	3883	48.63484	0.088305	1.31922	0.341404	3.864098	0.000199	0.003137	1
ENSG0000	mucosal h	Inflamed	TGFBI	protein_cc	chr5	1.35E+08	1.35E+08	+	7835	12381.6	0	-0.74384	0.1926	-3.86209	0.000201	0.003158	1
ENSG0000	mucosal h	Inflamed	RP6-201G	lincRNA	chrX	67233312	67234743	-	1432	4.894988	0.243437	0.823547	0.213258	3.861751	0.000201	0.00316	1
ENSG0000	mucosal h	Inflamed	CTD-2196f	antisense	chr16	23698370	23699665	-	473	30.36516	0.02148	0.913562	0.23661	3.861043	0.000201	0.003162	1
ENSG0000	mucosal h	Inflamed	CSAG1	protein_cc	chrX	1.52E+08	1.52E+08	+	1092	2.140811	0.601432	-0.74307	0.192456	-3.86097	0.000202	0.003162	1
ENSG0000	mucosal h	Inflamed	HSD3B7	protein_cc	chr16	30996519	31000473	+	2504	1398.403	0	-0.52657	0.136386	-3.86092	0.000202	0.003162	1
ENSG0000	mucosal h	Inflamed	IGHV4-4	IG_V_gene	chr14	1.06E+08	1.06E+08	-	412	2983.057	0	-1.31293	0.340058	-3.86091	0.000202	0.003162	1
ENSG0000	mucosal h	Inflamed	RP11-124f	lincRNA	chr7	1504133	1507158	-	3026	132.1193	0.009547	0.694903	0.179994	3.860708	0.000202	0.003162	1
ENSG0000	mucosal h	Inflamed	LINC0087C	lincRNA	chr3	72200408	72223483	+	2933	13.32458	0.090692	0.928629	0.240581	3.859945	0.000202	0.003169	1
ENSG0000	mucosal h	Inflamed	COL4A1	protein_cc	chr13	1.11E+08	1.11E+08	-	7877	16555.38	0	-1.11864	0.289826	-3.8597	0.000202	0.003169	1
ENSG0000	mucosal h	Inflamed	LINC00482	lincRNA	chr17	79277571	79283048	-	2197	167.6134	0	0.819461	0.212324	3.859476	0.000203	0.003169	1
ENSG0000	mucosal h	Inflamed	BCKDK	protein_cc	chr16	31117428	31124110	+	3871	2062.936	0	-0.34257	0.088762	-3.85946	0.000203	0.003169	1
ENSG0000	mucosal h	Inflamed	XXbac-B13	lincRNA	chr22	21311380	21318967	+	684	112.9642	0	0.704391	0.182525	3.859145	0.000203	0.00317	1
ENSG0000	mucosal h	Inflamed	SLC38A4	protein_cc	chr12	47158546	47226191	-	4143	176.463	0.054893	1.542902	0.399823	3.858965	0.000203	0.00317	1
ENSG0000	mucosal h	Inflamed	AC011747	lincRNA	chr2	8699963	8723922	-	8956	115.3986	0	0.938248	0.243158	3.858593	0.000203	0.003171	1
ENSG0000	mucosal h	Inflamed	LAYN	protein_cc	chr11	1.11E+08	1.11E+08	+	2938	153.1002	0	-0.68854	0.178443	-3.85857	0.000203	0.003171	1
ENSG0000	mucosal h	Inflamed	LCP2	protein_cc	chr5	1.7E+08	1.7E+08	-	7231	2017.652	0	-0.86792	0.225065	-3.85631	0.000205	0.003195	1
ENSG0000	mucosal h	Inflamed	ASB13	protein_cc	chr10	5680830	5708558	-	3003	1431.06	0	0.510222	0.132356	3.854917	0.000206	0.003209	1
ENSG0000	mucosal h	Inflamed	CD19	protein_cc	chr16	28943260	28950667	+	2711	686.9379	0	-1.4334	0.372013	-3.8531	0.000207	0.003227	1
ENSG0000	mucosal h	Inflamed	ALDOB	protein_cc	chr9	1.04E+08	1.04E+08	-	2451	5763.129	0.004773	-1.96381	0.509958	-3.85092	0.000209	0.003251	1
ENSG0000	mucosal h	Inflamed	STXBP5-AS	antisense	chr6	1.47E+08	1.48E+08	-	6011	104.9141	0	0.94884	0.246463	3.849837	0.00021	0.00326	1
ENSG0000	mucosal h	Inflamed	SCIMP	protein_cc	chr17	5112256	5138155	-	4208	459.9427	0	-0.71269	0.185125	-3.8498	0.00021	0.00326	1
ENSG0000	mucosal h	Inflamed	IGLV3-10	IG_V_gene	chr22	23154244	23154782	+	386	3816.468	0	-1.51415	0.393352	-3.84935	0.00021	0.003263	1
ENSG0000	mucosal h	Inflamed	GTF2IRD2f	protein_cc	chr7	74508364	74565623	+	8087	188.9475	0	0.568417	0.147727	3.847744	0.000211	0.00328	1
ENSG0000	mucosal h	Inflamed	PGRMC1	protein_cc	chrX	1.18E+08	1.18E+08	+	1911	2882.933	0	0.432838	0.1125	3.847449	0.000211	0.003281	1
ENSG0000	mucosal h	Inflamed	CTB-4116.2	lincRNA	chr17	8870840	8880312	+	557	13.42243	0.031026	-0.75159	0.195388	-3.84667	0.000212	0.003288	1
ENSG0000	mucosal h	Inflamed	LINC0039C	lincRNA	chr13	44680514	44711372	-	340	2.610979	0.441527	0.652017	0.169538	3.845855	0.000213	0.003296	1
ENSG0000	mucosal h	Inflamed	TMEM204	protein_cc	chr16	1578689	1605581	+	2047	522.1169	0	-0.76193	0.198129	-3.84563	0.000213	0.003297	1
ENSG0000	mucosal h	Inflamed	THRB-IT1	sense_intr	chr3	24496627	24500925	-	1754	1.155131	0.742243	0.488043	0.126926	3.845086	0.000213	0.003298	1
ENSG0000	mucosal h	Inflamed	RP11-80Hf	antisense	chr10	91405039	91410424	+	605	1.085919	0.735084	0.448043	0.116525	3.84505	0.000213	0.003298	1
ENSG0000	mucosal h	Inflamed	IFNAR2	protein_cc	chr21	34602206	34637980	+	4614	1695.186	0	-0.58207	0.151384	-3.845	0.000213	0.003298	1

ENSG0000	mucosal h	Inflamed	C9orf24	protein_cc chr9	34379017	34397830	-	1439	22.45346	0.011933	0.785066	0.204194	3.844708	0.000213	0.0033	1
ENSG0000	mucosal h	Inflamed	CTSL	protein_cc chr9	90340434	90346308	+	2366	2232.069	0	-0.75977	0.197641	-3.84422	0.000214	0.003303	1
ENSG0000	mucosal h	Inflamed	GLA	protein_cc chrX	1.01E+08	1.01E+08	-	2065	636.3675	0	-0.47289	0.123033	-3.84359	0.000214	0.003308	1
ENSG0000	mucosal h	Inflamed	IFT57	protein_cc chr3	1.08E+08	1.08E+08	-	3766	784.9714	0	0.437064	0.113716	3.843461	0.000214	0.003308	1
ENSG0000	mucosal h	Inflamed	RAVER2	protein_cc chr1	65210778	65298915	+	6070	2021.63	0	0.878158	0.228547	3.842343	0.000215	0.00332	1
ENSG0000	mucosal h	Inflamed	TMEM236	protein_cc chr10	17794251	17842867	+	5464	162.2959	0.059666	1.478607	0.384846	3.842074	0.000215	0.003321	1
ENSG0000	mucosal h	Inflamed	LA16c-395	antisense chr16	1630528	1660329	+	485	8.916468	0.190931	0.944562	0.24587	3.841722	0.000216	0.003323	1
ENSG0000	mucosal h	Inflamed	EPHB1	protein_cc chr3	1.34E+08	1.35E+08	+	6956	70.06205	0.019093	-1.16907	0.304499	-3.83934	0.000218	0.003349	1
ENSG0000	mucosal h	Inflamed	SH2D3C	protein_cc chr9	1.31E+08	1.31E+08	-	4599	860.6301	0	-0.84979	0.221393	-3.8384	0.000218	0.003358	1
ENSG0000	mucosal h	Inflamed	RP11-202C	pseudoger chr12	93517839	93518319	-	481	0.957041	0.756563	0.456277	0.118892	3.837746	0.000219	0.003364	1
ENSG0000	mucosal h	Inflamed	GBP5	protein_cc chr1	89724633	89738544	-	8200	1300.945	0	-1.34744	0.351187	-3.83683	0.00022	0.003373	1
ENSG0000	mucosal h	Inflamed	SLC2A5	protein_cc chr1	9095166	9148537	-	6854	459.4368	0	-0.74816	0.195031	-3.83614	0.00022	0.003379	1
ENSG0000	mucosal h	Inflamed	PAPLN	protein_cc chr14	73704205	73741348	+	7699	2175.208	0	-0.86277	0.224948	-3.83541	0.000221	0.003386	1
ENSG0000	mucosal h	Inflamed	TLR2	protein_cc chr4	1.55E+08	1.55E+08	+	4200	442.6611	0	-1.19339	0.311161	-3.83528	0.000221	0.003386	1
ENSG0000	mucosal h	Inflamed	LEPRE1	protein_cc chr1	43212006	43232755	-	6766	1098.365	0	-0.6264	0.163355	-3.8346	0.000221	0.00339	1
ENSG0000	mucosal h	Inflamed	RP11-120k	sense_intr chr13	1.14E+08	1.14E+08	+	647	3.749403	0.336516	0.736273	0.19201	3.834562	0.000221	0.00339	1
ENSG0000	mucosal h	Inflamed	RP11-809C	lincRNA chr10	714400	715521	+	1122	12.35084	0.109785	0.852559	0.222399	3.833469	0.000222	0.003402	1
ENSG0000	mucosal h	Inflamed	POPDC3	protein_cc chr6	1.06E+08	1.06E+08	-	1881	22.52029	0.293556	-1.44489	0.377038	-3.83221	0.000223	0.003415	1
ENSG0000	mucosal h	Inflamed	ENPP7P4	pseudoger chr3	1.26E+08	1.26E+08	+	1086	7.799523	0.167064	0.973545	0.254128	3.83092	0.000224	0.003428	1
ENSG0000	mucosal h	Inflamed	LYL1	protein_cc chr19	13209847	13213975	-	3119	418.2554	0	-0.80079	0.209051	-3.83058	0.000224	0.003431	1
ENSG0000	mucosal h	Inflamed	SLC43A3	protein_cc chr11	57174427	57195053	-	3664	533.5871	0	-0.68217	0.178098	-3.83031	0.000225	0.003431	1
ENSG0000	mucosal h	Inflamed	MGAT4B	protein_cc chr5	1.79E+08	1.79E+08	-	5495	14700.68	0	0.51943	0.135615	3.830177	0.000225	0.003431	1
ENSG0000	mucosal h	Inflamed	SLAMF6	protein_cc chr1	1.6E+08	1.6E+08	-	2746	480.3461	0	-0.93664	0.244592	-3.82938	0.000225	0.003439	1
ENSG0000	mucosal h	Inflamed	FMO1	protein_cc chr1	1.71E+08	1.71E+08	+	3574	52.63246	0.159905	-1.70836	0.446156	-3.82907	0.000226	0.003441	1
ENSG0000	mucosal h	Inflamed	PPARGC1B	protein_cc chr5	1.49E+08	1.49E+08	+	12889	1901.635	0	0.865536	0.226105	3.828027	0.000226	0.003452	1
ENSG0000	mucosal h	Inflamed	FCGR2B	protein_cc chr1	1.62E+08	1.62E+08	+	6996	491.3007	0	-1.01326	0.264726	-3.82759	0.000227	0.003455	1
ENSG0000	mucosal h	Inflamed	RP11-286E	antisense chr4	1.09E+08	1.09E+08	-	3099	5.949881	0.205251	0.684784	0.178933	3.827033	0.000227	0.003456	1
ENSG0000	mucosal h	Inflamed	HAS2-AS1	antisense chr8	1.23E+08	1.23E+08	+	1796	12.46539	0.064439	0.822352	0.214882	3.826986	0.000227	0.003456	1
ENSG0000	mucosal h	Inflamed	FOXE3	protein_cc chr1	47881744	47883723	+	1980	9.300716	0.124105	0.729676	0.190666	3.826985	0.000227	0.003456	1
ENSG0000	mucosal h	Inflamed	RP11-404E	antisense chr1	1.52E+08	1.52E+08	-	535	1.217184	0.701671	0.542949	0.141939	3.825231	0.000229	0.003476	1
ENSG0000	mucosal h	Inflamed	TRPC4	protein_cc chr13	38210773	38444562	-	4205	41.79236	0.026253	-0.98925	0.258704	-3.82388	0.00023	0.00349	1
ENSG0000	mucosal h	Inflamed	PF4	protein_cc chr4	74846794	74847841	-	604	77.52029	0.002387	-1.17129	0.306317	-3.82377	0.00023	0.00349	1
ENSG0000	mucosal h	Inflamed	LPXN	protein_cc chr11	58294344	58345693	-	2467	909.179	0	-0.57215	0.149683	-3.82243	0.000231	0.003502	1
ENSG0000	mucosal h	Inflamed	CDC14A	protein_cc chr1	1.01E+08	1.01E+08	+	5729	413.389	0.002387	0.935663	0.244791	3.822295	0.000231	0.003502	1
ENSG0000	mucosal h	Inflamed	MAST4-AS	antisense chr5	66297211	66299781	-	777	6.128878	0.202864	0.636938	0.166639	3.822254	0.000231	0.003502	1
ENSG0000	mucosal h	Inflamed	AQP5	protein_cc chr12	50355653	50359464	+	1885	90.66826	0.252983	-2.07181	0.54241	-3.81963	0.000233	0.003533	1
ENSG0000	mucosal h	Inflamed	FXYD5	protein_cc chr19	35645633	35660786	+	2993	2040.513	0	-0.75671	0.198123	-3.81938	0.000233	0.003534	1
ENSG0000	mucosal h	Inflamed	MAML3	protein_cc chr4	1.41E+08	1.41E+08	-	7030	924.7566	0	0.632453	0.165602	3.819123	0.000234	0.003535	1
ENSG0000	mucosal h	Inflamed	FAM95B1	processed_chr9	42466317	42474239	+	7923	31.36993	0.040573	1.040419	0.272575	3.817004	0.000235	0.00356	1
ENSG0000	mucosal h	Inflamed	RASGRP4	protein_cc chr19	38899695	38916945	-	3848	421.7184	0	-0.97042	0.254263	-3.81658	0.000236	0.003563	1

ENSG0000	mucosal h	Inflamed	PHF7	protein_cc chr3	52444673	52457657	+	3367	260.9547	0	0.593461	0.155518	3.816028	0.000236	0.003568	1
ENSG0000	mucosal h	Inflamed	VKORC1	protein_cc chr16	31102163	31107301	-	2191	328.3031	0	-0.50357	0.132017	-3.81442	0.000238	0.003586	1
ENSG0000	mucosal h	Inflamed	DEPDC7	protein_cc chr11	33037410	33055128	+	3326	159.8735	0	0.830244	0.217685	3.813969	0.000238	0.00359	1
ENSG0000	mucosal h	Inflamed	ARHGAP25	protein_cc chr2	68906733	69053965	+	5509	1038.382	0	-0.80972	0.21234	-3.81333	0.000239	0.003596	1
ENSG0000	mucosal h	Inflamed	ALDH1L2	protein_cc chr12	1.05E+08	1.05E+08	-	8501	471.1718	0.004773	-1.13549	0.297821	-3.81265	0.000239	0.003601	1
ENSG0000	mucosal h	Inflamed	RP11-383I	lincRNA chr3	99521543	99524902	-	3360	4.706444	0.260143	0.742418	0.194726	3.81262	0.000239	0.003601	1
ENSG0000	mucosal h	Inflamed	PSMB8	protein_cc chr6	32808494	32812480	-	2006	4561.017	0	-0.36072	0.094618	-3.81231	0.000239	0.003603	1
ENSG0000	mucosal h	Inflamed	SLC25A21	protein_cc chr14	37641093	37643016	+	1924	28.06205	0.009547	0.668394	0.175337	3.81206	0.00024	0.003604	1
ENSG0000	mucosal h	Inflamed	LINC00476	processed_chr9	98521513	98638259	-	5100	142.0764	0	0.521009	0.136688	3.811676	0.00024	0.003606	1
ENSG0000	mucosal h	Inflamed	SERPINA6	protein_cc chr14	94770585	94789731	-	1852	65.39857	0.023866	1.213161	0.318403	3.810143	0.000241	0.003622	1
ENSG0000	mucosal h	Inflamed	CRISP3	protein_cc chr6	49695097	49712150	-	2247	1.653938	0.785203	-0.63096	0.1656	-3.81014	0.000241	0.003622	1
ENSG0000	mucosal h	Inflamed	PXDC1	protein_cc chr6	3722848	3752260	-	2474	630.6563	0	-0.57577	0.151134	-3.80967	0.000242	0.003626	1
ENSG0000	mucosal h	Inflamed	SYTL3	protein_cc chr6	1.59E+08	1.59E+08	+	2790	306.3747	0	-0.58299	0.153042	-3.80935	0.000242	0.003628	1
ENSG0000	mucosal h	Inflamed	AC013268	lincRNA chr2	1.11E+08	1.11E+08	+	3295	124.9499	0.004773	0.825414	0.216712	3.808809	0.000242	0.003633	1
ENSG0000	mucosal h	Inflamed	KLF4	protein_cc chr9	1.1E+08	1.1E+08	-	3539	11676.52	0	0.852502	0.223861	3.808168	0.000243	0.003639	1
ENSG0000	mucosal h	Inflamed	MT1H	protein_cc chr16	56703726	56705041	+	723	317.8496	0	1.338423	0.351518	3.807555	0.000243	0.003645	1
ENSG0000	mucosal h	Inflamed	GPR65	protein_cc chr14	88471468	88478419	+	1786	187.3723	0	-0.81841	0.214959	-3.8073	0.000244	0.003646	1
ENSG0000	mucosal h	Inflamed	RP11-74E2	antisense chr17	2615603	2616127	+	443	29.91885	0.016706	0.669022	0.175734	3.807006	0.000244	0.003648	1
ENSG0000	mucosal h	Inflamed	FZD5	protein_cc chr2	2.09E+08	2.09E+08	-	6708	4736.234	0	0.890219	0.233853	3.806738	0.000244	0.003649	1
ENSG0000	mucosal h	Inflamed	RP1-240K	processed_chr14	73929129	73943880	+	680	11.76611	0.066826	0.740286	0.194496	3.806187	0.000245	0.003654	1
ENSG0000	mucosal h	Inflamed	RP5-881L2	antisense chr20	42976192	42983825	-	906	170.3938	0.009547	1.226242	0.322207	3.805757	0.000245	0.003657	1
ENSG0000	mucosal h	Inflamed	CCL2	protein_cc chr17	32582304	32584222	+	1137	1229.821	0	-1.08355	0.284769	-3.80501	0.000246	0.003664	1
ENSG0000	mucosal h	Inflamed	ANGPTL2	protein_cc chr9	1.3E+08	1.3E+08	-	3889	3314.317	0	-1.09807	0.288594	-3.8049	0.000246	0.003664	1
ENSG0000	mucosal h	Inflamed	RP11-566k	antisense chr16	89986235	89989070	-	985	2.393795	0.441527	-0.65712	0.172719	-3.80458	0.000246	0.003666	1
ENSG0000	mucosal h	Inflamed	CASS4	protein_cc chr20	54987168	55034396	+	4025	240.5131	0.004773	-0.94441	0.248256	-3.80418	0.000246	0.003669	1
ENSG0000	mucosal h	Inflamed	RP11-798k	lincRNA chr15	67278699	67351591	-	1015	6.427208	0.570406	0.809575	0.212827	3.80392	0.000247	0.003671	1
ENSG0000	mucosal h	Inflamed	CXorf36	protein_cc chrX	45007619	45060146	-	6720	653.3986	0	-0.8314	0.218579	-3.80364	0.000247	0.003672	1
ENSG0000	mucosal h	Inflamed	OSBPL1A	protein_cc chr18	21742008	21977844	-	8022	835.4177	0	0.597653	0.157178	3.802388	0.000248	0.003686	1
ENSG0000	mucosal h	Inflamed	RP11-290F	lincRNA chr20	48909257	48931459	+	3014	32.46778	0.019093	-0.96478	0.253761	-3.80194	0.000248	0.00369	1
ENSG0000	mucosal h	Inflamed	CD82	protein_cc chr11	44585977	44641913	+	4054	3403.126	0	-0.69913	0.183894	-3.80181	0.000248	0.00369	1
ENSG0000	mucosal h	Inflamed	SLC35G1	protein_cc chr10	95653730	95715819	+	6829	498.9379	0	0.858393	0.225882	3.800177	0.00025	0.003709	1
ENSG0000	mucosal h	Inflamed	MRPS25	protein_cc chr3	15083967	15106842	-	5383	2032.582	0	0.422378	0.111157	3.799835	0.00025	0.003709	1
ENSG0000	mucosal h	Inflamed	GMPPB	protein_cc chr3	49754277	49761384	-	6742	534.6396	0	-0.40793	0.107357	-3.79981	0.00025	0.003709	1
ENSG0000	mucosal h	Inflamed	LHX2	protein_cc chr9	1.27E+08	1.27E+08	+	2655	11.54654	0.062053	-0.76633	0.201692	-3.79952	0.00025	0.00371	1
ENSG0000	mucosal h	Inflamed	TFCP2L1	protein_cc chr2	1.22E+08	1.22E+08	-	9372	7500.418	0	1.087401	0.286199	3.799452	0.00025	0.00371	1
ENSG0000	mucosal h	Inflamed	MMP25	protein_cc chr16	3096682	3110727	+	4126	1374.465	0	-1.09428	0.288065	-3.79874	0.000251	0.003717	1
ENSG0000	mucosal h	Inflamed	TSEN2	protein_cc chr3	12525931	12581122	+	5667	441.4439	0	0.693776	0.182657	3.798234	0.000252	0.003722	1
ENSG0000	mucosal h	Inflamed	KLB	protein_cc chr4	39408473	39453156	+	6082	56.53222	0.019093	1.2147	0.319822	3.798044	0.000252	0.003722	1
ENSG0000	mucosal h	Inflamed	DACT2	protein_cc chr6	1.69E+08	1.69E+08	-	4223	93.19809	0.026253	1.3629	0.358944	3.796968	0.000253	0.003734	1
ENSG0000	mucosal h	Inflamed	SAMD11	protein_cc chr1	860260	879955	+	3205	499.1146	0	-0.64487	0.169845	-3.79679	0.000253	0.003734	1

ENSG0000	mucosal h	Inflamed	FCER1G	protein_cc chr1	1.61E+08	1.61E+08	+	964	1762.422	0	-0.82283	0.216751	-3.79618	0.000253	0.00374	1
ENSG0000	mucosal h	Inflamed	HGF	protein_cc chr7	81328322	81399754	-	8897	435.4654	0.002387	-1.25383	0.330314	-3.79588	0.000254	0.003742	1
ENSG0000	mucosal h	Inflamed	GDPD1	protein_cc chr17	57297828	57353328	+	2970	71.61098	0	0.623262	0.164207	3.795582	0.000254	0.003744	1
ENSG0000	mucosal h	Inflamed	SIRPA	protein_cc chr20	1875154	1920543	+	4032	3339.537	0	-0.77039	0.202976	-3.79544	0.000254	0.003744	1
ENSG0000	mucosal h	Inflamed	AC011891	lincRNA chr7	12693804	12694610	+	432	26.59666	0.114558	1.313448	0.346114	3.794844	0.000255	0.003749	1
ENSG0000	mucosal h	Inflamed	CD7	protein_cc chr17	80272744	80275478	-	2735	843.6874	0	-0.69365	0.182804	-3.79451	0.000255	0.003752	1
ENSG0000	mucosal h	Inflamed	RENB	protein_cc chrX	1.53E+08	1.53E+08	-	2146	345.1408	0	-0.5458	0.143849	-3.79425	0.000255	0.003753	1
ENSG0000	mucosal h	Inflamed	FOXS1	protein_cc chr20	30432103	30433420	-	1318	60.91408	0.004773	-1.04245	0.274766	-3.79396	0.000255	0.003755	1
ENSG0000	mucosal h	Inflamed	RP11-4231	antisense chr5	1.77E+08	1.77E+08	+	1421	13.95943	0.026253	0.662671	0.174675	3.793742	0.000256	0.003756	1
ENSG0000	mucosal h	Inflamed	IFT122	protein_cc chr3	1.29E+08	1.29E+08	+	9395	1016.716	0	0.393091	0.103627	3.793338	0.000256	0.003757	1
ENSG0000	mucosal h	Inflamed	EVI2B	protein_cc chr17	29630784	29641130	-	2072	1046.835	0	-0.93881	0.247492	-3.79328	0.000256	0.003757	1
ENSG0000	mucosal h	Inflamed	FOXO6	protein_cc chr1	41827594	41849262	+	2398	17.5537	0.023866	0.817816	0.215604	3.793144	0.000256	0.003757	1
ENSG0000	mucosal h	Inflamed	PLA2G12A	protein_cc chr4	1.11E+08	1.11E+08	-	5228	869.2196	0	0.496631	0.130954	3.792402	0.000257	0.003765	1
ENSG0000	mucosal h	Inflamed	RP11-322E	lincRNA chr18	33023833	33047052	-	916	5.355609	0.183771	-0.70013	0.184623	-3.79221	0.000257	0.003765	1
ENSG0000	mucosal h	Inflamed	ZNF311	protein_cc chr6	28962562	28973093	-	3176	70.45823	0	0.785632	0.207197	3.791719	0.000257	0.00377	1
ENSG0000	mucosal h	Inflamed	RP5-1119A	lincRNA chr22	36841445	36850991	-	372	5.300716	0.164678	0.698557	0.184258	3.791196	0.000258	0.003774	1
ENSG0000	mucosal h	Inflamed	GIMAP5	protein_cc chr7	1.5E+08	1.5E+08	+	6031	1266.671	0	-0.63885	0.168516	-3.79106	0.000258	0.003774	1
ENSG0000	mucosal h	Inflamed	VCAN	protein_cc chr5	82767284	82878122	+	14831	2546.764	0	-0.91629	0.24175	-3.79021	0.000259	0.003781	1
ENSG0000	mucosal h	Inflamed	CATSPER1	protein_cc chr11	65784223	65793988	-	2687	9.988067	0.052506	-0.79079	0.208641	-3.79019	0.000259	0.003781	1
ENSG0000	mucosal h	Inflamed	LAMC3	protein_cc chr9	1.34E+08	1.34E+08	+	7594	1137.955	0	-1.16002	0.30607	-3.79004	0.000259	0.003781	1
ENSG0000	mucosal h	Inflamed	ACVR1B	protein_cc chr12	52345451	52390862	+	5690	4136.57	0	0.689475	0.181934	3.789698	0.000259	0.003784	1
ENSG0000	mucosal h	Inflamed	ZNF768	protein_cc chr16	30535325	30538142	-	2392	2460.971	0	0.438769	0.115786	3.789483	0.000259	0.003785	1
ENSG0000	mucosal h	Inflamed	RP4-758J2	lincRNA chr1	54492356	54494172	-	1817	107.6754	0	0.779246	0.205648	3.78922	0.00026	0.003786	1
ENSG0000	mucosal h	Inflamed	PACSIN2	protein_cc chr22	43231418	43411151	-	4545	6499.387	0	0.443058	0.116952	3.788356	0.00026	0.003796	1
ENSG0000	mucosal h	Inflamed	HCN4	protein_cc chr15	73612200	73661605	-	7228	10.05251	0.109785	1.028297	0.271451	3.788152	0.000261	0.003796	1
ENSG0000	mucosal h	Inflamed	TMCC2	protein_cc chr1	2.05E+08	2.05E+08	+	4922	144.3771	0	-0.82744	0.218489	-3.78712	0.000262	0.003808	1
ENSG0000	mucosal h	Inflamed	RP11-191C	antisense chr1	51983981	52027301	+	476	31.93556	0.002387	0.729021	0.192516	3.786802	0.000262	0.00381	1
ENSG0000	mucosal h	Inflamed	ARID3A	protein_cc chr19	925781	975939	+	7504	1040.315	0	-0.68314	0.180424	-3.78631	0.000262	0.003814	1
ENSG0000	mucosal h	Inflamed	SNX30	protein_cc chr9	1.16E+08	1.16E+08	+	11578	2144.167	0	0.821495	0.216987	3.78591	0.000263	0.003816	1
ENSG0000	mucosal h	Inflamed	PML	protein_cc chr15	74287014	74340153	+	12657	4104.575	0	-0.55777	0.147329	-3.78585	0.000263	0.003816	1
ENSG0000	mucosal h	Inflamed	STRADB	protein_cc chr2	2.02E+08	2.02E+08	+	3242	1220.957	0	0.611297	0.161478	3.785631	0.000263	0.003817	1
ENSG0000	mucosal h	Inflamed	C20orf112	protein_cc chr20	31030862	31172876	-	9448	4288.737	0	0.58657	0.154981	3.784776	0.000264	0.003825	1
ENSG0000	mucosal h	Inflamed	RP11-96D1	antisense chr16	68259872	68263048	-	3177	741.6587	0	1.041254	0.275119	3.784735	0.000264	0.003825	1
ENSG0000	mucosal h	Inflamed	C22orf34	protein_cc chr22	49808176	50051190	-	6755	77.7327	0.002387	-0.7583	0.200397	-3.78399	0.000264	0.003831	1
ENSG0000	mucosal h	Inflamed	MROH7-IT1	protein_cc chr1	55107459	55207981	+	7090	4.508353	0.386635	0.746689	0.197331	3.783948	0.000265	0.003831	1
ENSG0000	mucosal h	Inflamed	CXCL11	protein_cc chr4	76954835	76962568	-	1908	273.6396	0.031026	-1.78159	0.470886	-3.78348	0.000265	0.003836	1
ENSG0000	mucosal h	Inflamed	MST1P2	pseudoger chr1	16972069	16976914	+	2686	153.401	0.00716	1.169776	0.309211	3.783101	0.000265	0.003839	1
ENSG0000	mucosal h	Inflamed	HAMP	protein_cc chr19	35771619	35776046	+	3010	9.868735	0.186158	-1.06033	0.280296	-3.7829	0.000265	0.003839	1
ENSG0000	mucosal h	Inflamed	KTN1-AS1	antisense chr14	55965996	56046828	-	3595	46.55847	0	0.452511	0.119682	3.780934	0.000267	0.003864	1
ENSG0000	mucosal h	Inflamed	CREB3L4	protein_cc chr1	1.54E+08	1.54E+08	+	2911	586.5728	0	0.526484	0.139261	3.780551	0.000268	0.003867	1

ENSG0000	mucosal h	Inflamed	IGLV5-45	IG_V_gene	chr22	22730355	22730874	+	397	1427.527	0	-1.38617	0.366689	-3.78024	0.000268	0.003869	1
ENSG0000	mucosal h	Inflamed	OSR1	protein_cc	chr2	19551246	19558414	-	5313	91.33174	0.00716	1.291253	0.341621	3.779783	0.000268	0.003873	1
ENSG0000	mucosal h	Inflamed	ADAM19	protein_cc	chr5	1.57E+08	1.57E+08	-	7710	3459.294	0	-0.76992	0.203768	-3.7784	0.00027	0.003889	1
ENSG0000	mucosal h	Inflamed	PLEKHO1	protein_cc	chr1	1.5E+08	1.5E+08	+	6629	2024.031	0	-0.7084	0.187526	-3.77763	0.00027	0.003898	1
ENSG0000	mucosal h	Inflamed	Y_RNA	antisense	chr8	81396796	81397854	-	1059	41.90931	0.009547	0.737783	0.195338	3.77695	0.000271	0.003905	1
ENSG0000	mucosal h	Inflamed	RP11-290F	lincRNA	chr4	1.85E+08	1.85E+08	-	2768	504.2434	0	-1.08538	0.287406	-3.77648	0.000272	0.003909	1
ENSG0000	mucosal h	Inflamed	RPN2	protein_cc	chr20	35806813	35870022	+	2815	11918.03	0	-0.48691	0.128941	-3.77622	0.000272	0.003911	1
ENSG0000	mucosal h	Inflamed	ATP6V1F	protein_cc	chr7	1.29E+08	1.29E+08	+	789	1409.461	0	-0.55205	0.146251	-3.77469	0.000273	0.00393	1
ENSG0000	mucosal h	Inflamed	FAM101B	protein_cc	chr17	289769	295730	-	3621	1470.286	0	-0.60527	0.160382	-3.77394	0.000274	0.003936	1
ENSG0000	mucosal h	Inflamed	RP11-126k	antisense	chr1	1.51E+08	1.51E+08	+	618	8.918854	0.059666	-0.71846	0.190373	-3.77394	0.000274	0.003936	1
ENSG0000	mucosal h	Inflamed	CHP2	protein_cc	chr16	23765948	23770272	+	2382	5338.893	0.004773	1.67664	0.444289	3.773762	0.000274	0.003936	1
ENSG0000	mucosal h	Inflamed	RHEBL1	protein_cc	chr12	49458468	49463808	-	1290	28.09547	0.002387	-0.65004	0.172289	-3.77296	0.000275	0.003945	1
ENSG0000	mucosal h	Inflamed	LINC00865	lincRNA	chr10	91589267	91600618	+	4272	183.3842	0.002387	0.681204	0.180581	3.772289	0.000276	0.003952	1
ENSG0000	mucosal h	Inflamed	AC011747	antisense	chr2	8806766	8821993	-	2060	64.78043	0.004773	1.035865	0.274691	3.771019	0.000277	0.003967	1
ENSG0000	mucosal h	Inflamed	MTL5	protein_cc	chr11	68474908	68519032	-	5833	277.6516	0	0.542581	0.143897	3.770612	0.000277	0.003971	1
ENSG0000	mucosal h	Inflamed	NIPAL1	protein_cc	chr4	47916159	48042188	+	5981	1251.017	0	1.131487	0.300112	3.770217	0.000278	0.003974	1
ENSG0000	mucosal h	Inflamed	NXPE3	protein_cc	chr3	1.01E+08	1.02E+08	+	9474	807.2625	0	-0.92497	0.245351	-3.76998	0.000278	0.003975	1
ENSG0000	mucosal h	Inflamed	AC013283	miRNA	chr12	98999652	98999738	+	87	23.51074	0.011933	0.626908	0.166304	3.769643	0.000278	0.003978	1
ENSG0000	mucosal h	Inflamed	RP11-275F	antisense	chr1	51795326	51800996	+	1222	54.94511	0.009547	0.847505	0.224947	3.767581	0.00028	0.004004	1
ENSG0000	mucosal h	Inflamed	CRYBB2	protein_cc	chr22	25615489	25627836	+	886	9.708831	0.119332	0.865778	0.229804	3.76747	0.00028	0.004004	1
ENSG0000	mucosal h	Inflamed	RP11-875C	antisense	chr8	22842109	22876848	-	2268	98.22196	0	-0.65014	0.172578	-3.76724	0.00028	0.004005	1
ENSG0000	mucosal h	Inflamed	RP11-22P6	antisense	chr16	28890278	28891241	-	583	13.39857	0.00716	-0.64639	0.171599	-3.76688	0.000281	0.004008	1
ENSG0000	mucosal h	Inflamed	MAMDC2-	antisense	chr9	72700732	72790804	-	7244	12.03103	0.071599	0.846349	0.224691	3.766723	0.000281	0.004008	1
ENSG0000	mucosal h	Inflamed	KB-1980E6	protein_cc	chr8	1.04E+08	1.04E+08	+	1231	5.76611	0.217184	-0.84426	0.224165	-3.76623	0.000281	0.004013	1
ENSG0000	mucosal h	Inflamed	NOTCH3	protein_cc	chr19	15270444	15311792	-	8799	3047.842	0	-1.18196	0.313872	-3.76572	0.000282	0.004014	1
ENSG0000	mucosal h	Inflamed	MIR196A1	miRNA	chr17	46709852	46709921	-	70	33.28878	0.057279	1.033055	0.274333	3.765691	0.000282	0.004014	1
ENSG0000	mucosal h	Inflamed	LAIR1	protein_cc	chr19	54865362	54882165	-	5700	1409.15	0	-0.63878	0.169633	-3.76567	0.000282	0.004014	1
ENSG0000	mucosal h	Inflamed	FADS1	protein_cc	chr11	61567099	61596790	-	10228	770.42	0	-1.02806	0.273028	-3.76541	0.000282	0.004015	1
ENSG0000	mucosal h	Inflamed	ISG15	protein_cc	chr1	948803	949920	+	711	970.6301	0	-0.76054	0.201997	-3.7651	0.000283	0.004018	1
ENSG0000	mucosal h	Inflamed	OXER1	protein_cc	chr2	42989642	42991401	-	1760	214.6062	0	0.621028	0.164998	3.763844	0.000284	0.004033	1
ENSG0000	mucosal h	Inflamed	OPHN1	protein_cc	chrX	67262186	67653755	-	8224	366.5012	0	0.711042	0.189053	3.761082	0.000287	0.00407	1
ENSG0000	mucosal h	Inflamed	CTD-2047	antisense	chr17	78325628	78388968	-	3983	22.92363	0.02864	0.719454	0.191296	3.760942	0.000287	0.00407	1
ENSG0000	mucosal h	Inflamed	LINC01006	processed	chr7	1.56E+08	1.56E+08	-	2246	54.91647	0	0.80517	0.214105	3.760624	0.000287	0.004072	1
ENSG0000	mucosal h	Inflamed	RP11-326F	antisense	chr9	33166973	33179981	+	843	45.66348	0	0.626403	0.166575	3.76049	0.000287	0.004072	1
ENSG0000	mucosal h	Inflamed	SNX32	protein_cc	chr11	65601112	65624367	+	3966	36.38186	0.01432	0.922486	0.245335	3.760102	0.000288	0.004075	1
ENSG0000	mucosal h	Inflamed	NWD1	protein_cc	chr19	16830787	16928774	+	8470	68.0358	0.026253	1.153025	0.306676	3.759754	0.000288	0.004077	1
ENSG0000	mucosal h	Inflamed	SYT2	protein_cc	chr1	2.03E+08	2.03E+08	-	7774	24.9284	0.052506	1.050726	0.27947	3.759703	0.000288	0.004077	1
ENSG0000	mucosal h	Inflamed	OAS2	protein_cc	chr12	1.13E+08	1.13E+08	+	6264	2000.36	0	-0.72358	0.192498	-3.75889	0.000289	0.004086	1
ENSG0000	mucosal h	Inflamed	ST6GALNA	protein_cc	chr9	1.31E+08	1.31E+08	-	5309	9264.091	0	0.843991	0.224575	3.758165	0.000289	0.004094	1
ENSG0000	mucosal h	Inflamed	RGS11	protein_cc	chr16	318300	325980	-	4798	170.7542	0.004773	0.893864	0.237875	3.757697	0.00029	0.004099	1

ENSG0000	mucosal h	Inflamed	SIGLEC12	protein_cc	chr19	51994611	52005043	-	2201	287.0573	0	-0.81564	0.217076	-3.75741	0.00029	0.0041	1
ENSG0000	mucosal h	Inflamed	RP11-598F	antisense	chr12	273830	275487	-	1101	17.56325	0.200477	-1.22581	0.32637	-3.7559	0.000292	0.004118	1
ENSG0000	mucosal h	Inflamed	TMEM92	protein_cc	chr17	48348767	48358844	+	3099	592.0668	0	-0.79159	0.210763	-3.75586	0.000292	0.004118	1
ENSG0000	mucosal h	Inflamed	CTB-36O1	pseudoger	chr5	1.34E+08	1.34E+08	-	747	258.3294	0	0.661064	0.176054	3.7549	0.000293	0.00413	1
ENSG0000	mucosal h	Inflamed	SLC16A11	protein_cc	chr17	6944949	6947242	-	2041	22.64916	0	0.687386	0.18307	3.754764	0.000293	0.00413	1
ENSG0000	mucosal h	Inflamed	PARVB	protein_cc	chr22	44395091	44568829	+	7330	821.1002	0	-0.70949	0.188999	-3.75391	0.000294	0.00414	1
ENSG0000	mucosal h	Inflamed	VTCN1	protein_cc	chr1	1.18E+08	1.18E+08	-	3001	3.546539	0.587112	-1.04328	0.277978	-3.75313	0.000295	0.004149	1
ENSG0000	mucosal h	Inflamed	AC010525	lincRNA	chr19	56207251	56209196	+	537	33.59666	0.038186	0.902196	0.240445	3.752191	0.000296	0.004158	1
ENSG0000	mucosal h	Inflamed	RP11-284F	antisense	chr12	20514666	20523196	-	525	3.381862	0.322196	0.596502	0.158976	3.752164	0.000296	0.004158	1
ENSG0000	mucosal h	Inflamed	ALOX5AP	protein_cc	chr13	31309645	31338556	+	1344	519.6754	0	-0.84412	0.225028	-3.75117	0.000297	0.004171	1
ENSG0000	mucosal h	Inflamed	C3AR1	protein_cc	chr12	8210898	8219067	-	2145	639.8043	0	-0.75059	0.200129	-3.75052	0.000297	0.004178	1
ENSG0000	mucosal h	Inflamed	C12orf45	protein_cc	chr12	1.05E+08	1.05E+08	+	1424	233.8401	0	-0.40988	0.109295	-3.75024	0.000298	0.00418	1
ENSG0000	mucosal h	Inflamed	OVOL3	protein_cc	chr19	36602104	36604613	+	879	3.673031	0.563246	-0.91574	0.244205	-3.7499	0.000298	0.004182	1
ENSG0000	mucosal h	Inflamed	MMP2	protein_cc	chr16	55423612	55540603	+	4933	20124.88	0	-0.95702	0.255243	-3.74944	0.000298	0.004187	1
ENSG0000	mucosal h	Inflamed	RP11-569A	antisense	chr1	2.03E+08	2.03E+08	+	314	8.217184	0.133652	0.800698	0.213578	3.748975	0.000299	0.004191	1
ENSG0000	mucosal h	Inflamed	ATP6V1C2	protein_cc	chr2	10861775	10925236	+	3324	52.61337	0.01432	1.116493	0.297868	3.748282	0.0003	0.004199	1
ENSG0000	mucosal h	Inflamed	KRT23	protein_cc	chr17	39078948	39093886	-	2902	44.39379	0.023866	-1.49792	0.399727	-3.74736	0.000301	0.004208	1
ENSG0000	mucosal h	Inflamed	TMEM158	protein_cc	chr3	45265958	45267770	-	1813	535.1742	0.002387	-1.07218	0.286126	-3.74722	0.000301	0.004208	1
ENSG0000	mucosal h	Inflamed	CACNA1F	protein_cc	chrX	49061523	49089833	-	6928	42.36516	0.002387	0.849526	0.226711	3.747186	0.000301	0.004208	1
ENSG0000	mucosal h	Inflamed	RP11-428K	antisense	chr1	1.79E+08	1.79E+08	-	1980	30.62053	0.011933	-0.72787	0.194251	-3.74708	0.000301	0.004208	1
ENSG0000	mucosal h	Inflamed	DPF1	protein_cc	chr19	38701646	38720354	-	4800	4.107399	0.334129	-0.79816	0.213063	-3.74611	0.000302	0.00422	1
ENSG0000	mucosal h	Inflamed	IKBIP	protein_cc	chr12	99007183	99038891	-	4163	376.0167	0	-0.78869	0.210603	-3.74493	0.000303	0.004235	1
ENSG0000	mucosal h	Inflamed	SLC7A7	protein_cc	chr14	23242431	23299029	-	5131	1306.236	0	-0.59014	0.157657	-3.74322	0.000305	0.004258	1
ENSG0000	mucosal h	Inflamed	RP11-71H	lincRNA	chr3	1.24E+08	1.24E+08	+	699	24.6253	0.01432	0.680479	0.181801	3.742987	0.000305	0.004259	1
ENSG0000	mucosal h	Inflamed	GPR176	protein_cc	chr15	40091233	40213093	-	5119	577.0119	0	-1.14629	0.306259	-3.74287	0.000305	0.004259	1
ENSG0000	mucosal h	Inflamed	SYVN1	protein_cc	chr11	64889252	64902004	-	5496	6039.236	0	-0.51006	0.136299	-3.74218	0.000306	0.004265	1
ENSG0000	mucosal h	Inflamed	FAM65B	protein_cc	chr6	24797601	25042238	-	7697	867.4368	0	-1.334	0.356477	-3.74218	0.000306	0.004265	1
ENSG0000	mucosal h	Inflamed	HLA-C	protein_cc	chr6	31236526	31239907	-	2507	62651.59	0	-0.39637	0.105942	-3.74139	0.000307	0.004274	1
ENSG0000	mucosal h	Inflamed	MICALCL	protein_cc	chr11	12297627	12380691	+	3448	334.611	0.009547	0.932185	0.249195	3.740792	0.000308	0.004276	1
ENSG0000	mucosal h	Inflamed	PLOD1	protein_cc	chr1	11994262	12035595	+	5320	4224.115	0	-0.49412	0.132094	-3.74067	0.000308	0.004276	1
ENSG0000	mucosal h	Inflamed	CD70	protein_cc	chr19	6583194	6604114	-	1532	51.59666	0.026253	-1.23747	0.330819	-3.74063	0.000308	0.004276	1
ENSG0000	mucosal h	Inflamed	BGLAP	protein_cc	chr1	1.56E+08	1.56E+08	+	1190	26.0716	0.009547	0.624889	0.167059	3.740536	0.000308	0.004276	1
ENSG0000	mucosal h	Inflamed	INTS4L1	pseudoger	chr7	64601603	64694600	+	2553	10.88544	0.186158	0.837403	0.223874	3.740517	0.000308	0.004276	1
ENSG0000	mucosal h	Inflamed	C2CD4B	protein_cc	chr15	62455734	62457482	-	1579	238.3126	0	-0.94012	0.251385	-3.73976	0.000309	0.004285	1
ENSG0000	mucosal h	Inflamed	CTD-2005F	lincRNA	chr11	86438397	86476307	+	503	1.174224	0.701671	0.437987	0.117153	3.738598	0.00031	0.0043	1
ENSG0000	mucosal h	Inflamed	RP4-575N	antisense	chr1	1.02E+08	1.02E+08	-	403	4.131265	0.295943	-0.76276	0.204069	-3.73777	0.000311	0.004307	1
ENSG0000	mucosal h	Inflamed	RP11-43N	lincRNA	chr12	68102827	68123255	-	3135	14.52267	0.286396	1.334416	0.357014	3.737708	0.000311	0.004307	1
ENSG0000	mucosal h	Inflamed	ATP2C2	protein_cc	chr16	84402133	84497793	+	6693	4655.943	0	0.997137	0.266786	3.737587	0.000311	0.004307	1
ENSG0000	mucosal h	Inflamed	WNK2	protein_cc	chr9	95947198	96082854	+	13198	5181.809	0	1.168488	0.312644	3.737437	0.000311	0.004307	1
ENSG0000	mucosal h	Inflamed	FAM78A	protein_cc	chr9	1.34E+08	1.34E+08	-	5499	1000.589	0	-0.73627	0.197001	-3.73738	0.000311	0.004307	1

ENSG0000	mucosal h	Inflamed	ACSM3	protein_cc	chr16	20621565	20808903	+	5095	610.1599	0	0.94481	0.252884	3.736139	0.000313	0.004323	1
ENSG0000	mucosal h	Inflamed	IL2RB	protein_cc	chr22	37521878	37571094	-	4700	1723.47	0	-0.75274	0.201483	-3.73599	0.000313	0.004323	1
ENSG0000	mucosal h	Inflamed	C1S	protein_cc	chr12	7096351	7178336	+	6389	13977.73	0	-0.91103	0.243884	-3.7355	0.000313	0.004328	1
ENSG0000	mucosal h	Inflamed	MCF2L	protein_cc	chr13	1.14E+08	1.14E+08	+	23204	3256.573	0	0.60184	0.161122	3.735293	0.000314	0.004329	1
ENSG0000	mucosal h	Inflamed	FAM160A2	protein_cc	chr11	6232565	6255941	-	4736	5210.124	0	0.554126	0.148444	3.732893	0.000316	0.004362	1
ENSG0000	mucosal h	Inflamed	TMEM110	protein_cc	chr3	52870235	52931612	-	5730	96.34368	0	-0.2964	0.079403	-3.73281	0.000316	0.004362	1
ENSG0000	mucosal h	Inflamed	SNRK-AS1	antisense	chr3	43391136	43393454	-	750	8.093079	0.183771	0.862539	0.231167	3.731234	0.000318	0.004384	1
ENSG0000	mucosal h	Inflamed	SHBG	protein_cc	chr17	7517382	7536700	+	1812	10.3389	0.057279	-0.68444	0.183451	-3.73092	0.000318	0.004384	1
ENSG0000	mucosal h	Inflamed	RP11-305L	lincRNA	chr9	93968457	93972581	-	4125	8.828162	0.133652	0.772911	0.207164	3.730919	0.000318	0.004384	1
ENSG0000	mucosal h	Inflamed	CTD-2583F	antisense	chr16	12853139	12855019	+	927	2.787589	0.463007	-0.70174	0.188118	-3.73033	0.000319	0.004391	1
ENSG0000	mucosal h	Inflamed	MIR223	miRNA	chrX	65238712	65238821	+	110	11.34368	0.178998	-1.1069	0.296763	-3.72989	0.000319	0.004395	1
ENSG0000	mucosal h	Inflamed	RP6-65G2	lincRNA	chr14	71165415	71178870	+	602	8.121718	0.310263	-1.09379	0.293295	-3.72933	0.00032	0.004401	1
ENSG0000	mucosal h	Inflamed	IL17REL	protein_cc	chr22	50432942	50451088	-	3696	378.1169	0.016706	-1.53005	0.410312	-3.72899	0.00032	0.004404	1
ENSG0000	mucosal h	Inflamed	ATP1A1	protein_cc	chr1	1.17E+08	1.17E+08	+	7261	64364.04	0	0.613597	0.164644	3.726797	0.000323	0.004436	1
ENSG0000	mucosal h	Inflamed	DUSP14	protein_cc	chr17	35849937	35873603	+	2499	180.315	0	-0.81504	0.218708	-3.7266	0.000323	0.004436	1
ENSG0000	mucosal h	Inflamed	ANKRD9	protein_cc	chr14	1.03E+08	1.03E+08	-	2133	1612.012	0	0.584724	0.156953	3.725469	0.000324	0.004451	1
ENSG0000	mucosal h	Inflamed	TMEM106	protein_cc	chr17	41363854	41372061	+	3578	681.6158	0	-0.51322	0.137777	-3.72504	0.000325	0.004456	1
ENSG0000	mucosal h	Inflamed	IGHV3-66	IG_V_gene	chr14	1.07E+08	1.07E+08	-	427	844.222	0.01432	-1.51711	0.407486	-3.72311	0.000327	0.004483	1
ENSG0000	mucosal h	Inflamed	RP11-712E	pseudoger	chr11	94878601	94879168	+	568	0.916468	0.754177	0.380903	0.102316	3.722805	0.000327	0.004486	1
ENSG0000	mucosal h	Inflamed	DEC2	protein_cc	chr16	451826	462487	+	3947	960.5513	0	0.481295	0.12929	3.722585	0.000328	0.004487	1
ENSG0000	mucosal h	Inflamed	ADAMTS2	protein_cc	chr5	1.79E+08	1.79E+08	-	7687	1856.076	0	-1.12442	0.302064	-3.72245	0.000328	0.004487	1
ENSG0000	mucosal h	Inflamed	RP11-598F	lincRNA	chr12	276022	291565	-	1184	16.65871	0.205251	-1.27327	0.342193	-3.7209	0.00033	0.004509	1
ENSG0000	mucosal h	Inflamed	MYO3B	protein_cc	chr2	1.71E+08	1.72E+08	+	8236	19.01671	0.066826	-0.8787	0.236173	-3.72056	0.00033	0.004512	1
ENSG0000	mucosal h	Inflamed	RP11-417E	lincRNA	chr6	1.7E+08	1.7E+08	-	1054	5.023866	0.4821	-1.05614	0.283926	-3.71975	0.000331	0.004522	1
ENSG0000	mucosal h	Inflamed	DYRK3	protein_cc	chr1	2.07E+08	2.07E+08	+	4218	108.642	0.002387	-0.79599	0.21402	-3.71923	0.000332	0.004528	1
ENSG0000	mucosal h	Inflamed	NEU4	protein_cc	chr2	2.43E+08	2.43E+08	+	4818	1395.644	0	1.046001	0.281268	3.718879	0.000332	0.004531	1
ENSG0000	mucosal h	Inflamed	PRKAG2-A	antisense	chr7	1.52E+08	1.52E+08	+	1154	95.57279	0.002387	0.618456	0.166386	3.717001	0.000334	0.004557	1
ENSG0000	mucosal h	Inflamed	RGS14	protein_cc	chr5	1.77E+08	1.77E+08	+	3797	869.2888	0	-0.55748	0.149983	-3.71692	0.000334	0.004557	1
ENSG0000	mucosal h	Inflamed	PPM1M	protein_cc	chr3	52279841	52284613	+	3539	795.537	0	-0.60215	0.162017	-3.71661	0.000335	0.00456	1
ENSG0000	mucosal h	Inflamed	CAPN9	protein_cc	chr1	2.31E+08	2.31E+08	+	2593	1232.888	0	1.231414	0.331366	3.716179	0.000335	0.004564	1
ENSG0000	mucosal h	Inflamed	RP11-701F	lincRNA	chr4	1.86E+08	1.86E+08	-	986	22.83771	0.393795	-1.6168	0.435143	-3.71556	0.000336	0.004571	1
ENSG0000	mucosal h	Inflamed	ZNF554	protein_cc	chr19	2819872	2835771	+	4685	219.4702	0	0.487206	0.131149	3.714907	0.000337	0.004579	1
ENSG0000	mucosal h	Inflamed	RBM24	protein_cc	chr6	17281577	17294106	+	3444	55.05251	0.026253	1.346706	0.362576	3.71427	0.000337	0.004586	1
ENSG0000	mucosal h	Inflamed	CTB-4116.1	lincRNA	chr17	8869213	8870387	+	402	11.28878	0.033413	-0.70988	0.191133	-3.71405	0.000338	0.004586	1
ENSG0000	mucosal h	Inflamed	PIM3	protein_cc	chr22	50354161	50357728	+	2461	4781.933	0	-0.53155	0.14312	-3.71404	0.000338	0.004586	1
ENSG0000	mucosal h	Inflamed	MAP4K1	protein_cc	chr19	39078281	39109522	-	3953	963.0072	0	-0.79537	0.214225	-3.71279	0.000339	0.004604	1
ENSG0000	mucosal h	Inflamed	PPFIBP2	protein_cc	chr11	7534529	7678358	+	9617	1794.48	0	0.473558	0.127569	3.712182	0.00034	0.004611	1
ENSG0000	mucosal h	Inflamed	HINFP	protein_cc	chr11	1.19E+08	1.19E+08	+	9834	883.1122	0	0.323853	0.087249	3.711813	0.00034	0.004614	1
ENSG0000	mucosal h	Inflamed	GIPC2	protein_cc	chr1	78445226	78604133	+	3973	875.895	0	0.852075	0.229588	3.711313	0.000341	0.00462	1
ENSG0000	mucosal h	Inflamed	SRD5A3	protein_cc	chr4	56212276	56239263	+	4420	1092.329	0	-0.69788	0.188122	-3.7097	0.000343	0.004644	1

ENSG0000	mucosal h	Inflamed	RP11-3K16	sense_intr	chr3	1.69E+08	1.69E+08	-	513	0.842482	0.799523	0.430728	0.116175	3.707571	0.000345	0.004676	1
ENSG0000	mucosal h	Inflamed	TFDP2	protein_cc	chr3	1.42E+08	1.42E+08	-	11895	1008.019	0	0.535428	0.144469	3.706165	0.000347	0.004696	1
ENSG0000	mucosal h	Inflamed	BDNF-AS	antisense	chr11	27528385	27719721	+	3726	39.5895	0.00716	0.663744	0.179217	3.703578	0.00035	0.004736	1
ENSG0000	mucosal h	Inflamed	TPPP	protein_cc	chr5	660883	693510	-	5116	506.5251	0.002387	0.986502	0.266375	3.703435	0.00035	0.004736	1
ENSG0000	mucosal h	Inflamed	SPR	protein_cc	chr2	73114489	73119287	+	1480	1605.418	0	0.42675	0.115264	3.702354	0.000351	0.004751	1
ENSG0000	mucosal h	Inflamed	RP11-280C	antisense	chr1	1.65E+08	1.66E+08	-	4036	0.983294	0.749403	0.354884	0.095864	3.701952	0.000352	0.004755	1
ENSG0000	mucosal h	Inflamed	MT-RNR1	Mt_rRNA	chrM	648	1601	+	954	144218.2	0	0.767383	0.207314	3.701547	0.000352	0.004758	1
ENSG0000	mucosal h	Inflamed	RP4-680D	antisense	chr1	15892106	15892451	-	346	8.486874	0.090692	0.680678	0.183894	3.701463	0.000353	0.004758	1
ENSG0000	mucosal h	Inflamed	CLC	protein_cc	chr19	40221890	40228668	-	635	186.3986	0.002387	-1.31385	0.355043	-3.70053	0.000354	0.004771	1
ENSG0000	mucosal h	Inflamed	C7orf41	protein_cc	chr7	30174426	30202378	+	6532	580.8735	0	0.612852	0.165661	3.699426	0.000355	0.004787	1
ENSG0000	mucosal h	Inflamed	ACOT13	protein_cc	chr6	24667263	24705293	+	4394	859.2864	0	0.534174	0.144402	3.699215	0.000355	0.004788	1
ENSG0000	mucosal h	Inflamed	AUTS2	protein_cc	chr7	69063905	70258054	+	10418	1669.936	0	0.742947	0.200858	3.698863	0.000356	0.004789	1
ENSG0000	mucosal h	Inflamed	RHBDF2	protein_cc	chr17	74466973	74497872	-	6927	1843.814	0	-0.70707	0.191161	-3.69884	0.000356	0.004789	1
ENSG0000	mucosal h	Inflamed	ZYG11A	protein_cc	chr1	53308183	53360670	+	4694	15.58234	0.107399	-0.96921	0.262069	-3.69829	0.000356	0.004796	1
ENSG0000	mucosal h	Inflamed	LYZ	protein_cc	chr12	69742121	69748014	+	1764	17476.03	0	-0.70971	0.191981	-3.69677	0.000358	0.004819	1
ENSG0000	mucosal h	Inflamed	NUAK2	protein_cc	chr1	2.05E+08	2.05E+08	-	3405	1849.155	0	0.563571	0.15247	3.696283	0.000359	0.004824	1
ENSG0000	mucosal h	Inflamed	RP1-191J1	antisense	chr6	1.08E+08	1.08E+08	+	2574	15.63246	0.02864	-0.67251	0.181965	-3.69581	0.00036	0.00483	1
ENSG0000	mucosal h	Inflamed	hsa-mir-67	pseudoger	chr1	566454	567996	+	1543	65555.85	0	0.647396	0.175183	3.695545	0.00036	0.004832	1
ENSG0000	mucosal h	Inflamed	U3	lincRNA	chr18	24267585	24283602	-	2598	12.73508	0.150358	0.925792	0.250557	3.694933	0.000361	0.004837	1
ENSG0000	mucosal h	Inflamed	CTB-114C7	lincRNA	chr5	1.7E+08	1.7E+08	-	2182	10.54177	0.21957	-1.16664	0.315743	-3.69492	0.000361	0.004837	1
ENSG0000	mucosal h	Inflamed	CTD-2126f	antisense	chr19	50546453	50554319	-	711	3.379475	0.336516	0.670873	0.181596	3.694324	0.000361	0.004845	1
ENSG0000	mucosal h	Inflamed	FMNL1	protein_cc	chr17	43298811	43324687	+	7563	2862.728	0	-0.92895	0.251463	-3.69418	0.000362	0.004845	1
ENSG0000	mucosal h	Inflamed	LIPC	protein_cc	chr15	58702768	58861151	+	4293	50.89737	0.002387	0.890528	0.241116	3.693356	0.000363	0.004856	1
ENSG0000	mucosal h	Inflamed	CES2	protein_cc	chr16	66968347	66978999	+	5343	21055.9	0	0.848652	0.229806	3.6929	0.000363	0.004861	1
ENSG0000	mucosal h	Inflamed	ELTD1	protein_cc	chr1	79355449	79472403	-	3527	392.599	0.002387	-0.9663	0.261787	-3.69115	0.000365	0.004888	1
ENSG0000	mucosal h	Inflamed	POLR2H	protein_cc	chr3	1.84E+08	1.84E+08	+	3146	1840.747	0	0.363943	0.098629	3.690031	0.000367	0.004905	1
ENSG0000	mucosal h	Inflamed	RP11-300J	lincRNA	chr14	88490894	88563276	+	2120	3.620525	0.377088	-0.6902	0.187052	-3.68987	0.000367	0.004905	1
ENSG0000	mucosal h	Inflamed	NEO1	protein_cc	chr15	73344051	73597547	+	8117	9096.487	0	0.720693	0.195364	3.688972	0.000368	0.004918	1
ENSG0000	mucosal h	Inflamed	KIFC3	protein_cc	chr16	57792129	57896957	-	7552	987.568	0	-0.83635	0.226728	-3.68876	0.000368	0.004919	1
ENSG0000	mucosal h	Inflamed	IGHA2	IG_C_gene	chr14	1.06E+08	1.06E+08	-	1071	355453.9	0	-1.11317	0.30181	-3.68831	0.000369	0.004924	1
ENSG0000	mucosal h	Inflamed	RP11-61A1	lincRNA	chr16	66785655	66788643	+	2894	9.031026	0.069212	0.671186	0.181984	3.68815	0.000369	0.004924	1
ENSG0000	mucosal h	Inflamed	RP11-432J	lincRNA	chr10	1.34E+08	1.34E+08	+	297	1.398568	0.639618	0.460348	0.124848	3.68726	0.00037	0.004935	1
ENSG0000	mucosal h	Inflamed	CALR	protein_cc	chr19	13049392	13055303	+	2714	35812.37	0	-0.35706	0.096839	-3.68719	0.00037	0.004935	1
ENSG0000	mucosal h	Inflamed	GBP1	protein_cc	chr1	89518002	89531043	-	4992	2298.22	0	-1.03239	0.280005	-3.68704	0.000371	0.004936	1
ENSG0000	mucosal h	Inflamed	APBA2	protein_cc	chr15	29129629	29410518	+	6869	418	0	-0.82839	0.224824	-3.68461	0.000374	0.004975	1
ENSG0000	mucosal h	Inflamed	IGHD	IG_C_gene	chr14	1.06E+08	1.06E+08	-	1678	660.8711	0.00716	-1.77738	0.48243	-3.68422	0.000374	0.004979	1
ENSG0000	mucosal h	Inflamed	hsa-mir-51	miRNA	chr14	1.07E+08	1.07E+08	-	115	4.198091	0.405728	-0.80989	0.219847	-3.68386	0.000375	0.004982	1
ENSG0000	mucosal h	Inflamed	AL122127.	miRNA	chr14	1.06E+08	1.06E+08	-	60	10.20048	0.193317	-1.02096	0.277152	-3.68376	0.000375	0.004982	1
ENSG0000	mucosal h	Inflamed	CHST11	protein_cc	chr12	1.05E+08	1.05E+08	+	6492	1171.229	0	-0.82764	0.224745	-3.68258	0.000376	0.004999	1
ENSG0000	mucosal h	Inflamed	PNPLA7	protein_cc	chr9	1.4E+08	1.4E+08	-	8971	673.8234	0	0.671446	0.182356	3.682054	0.000377	0.005006	1

ENSG0000	mucosal h	Inflamed	COL2A1	protein_cc	chr12	48366748	48398269	-	6596	50.25537	0.038186	1.362276	0.37	3.681829	0.000377	0.005007	1
ENSG0000	mucosal h	Inflamed	ATPAF1	protein_cc	chr1	47098409	47139539	-	5654	1323.2	0	0.339274	0.09219	3.680171	0.000379	0.005033	1
ENSG0000	mucosal h	Inflamed	LINC00526	lincRNA	chr18	5236723	5238597	-	1875	183.3986	0	0.554756	0.15078	3.679246	0.000381	0.005047	1
ENSG0000	mucosal h	Inflamed	TFAP2C	protein_cc	chr20	55204358	55214339	+	3112	138.8807	0.009547	-1.09631	0.298033	-3.6785	0.000382	0.005057	1
ENSG0000	mucosal h	Inflamed	HRH4	protein_cc	chr18	22040593	22059921	+	3668	23.34368	0.062053	-1.10502	0.300478	-3.67753	0.000383	0.005072	1
ENSG0000	mucosal h	Inflamed	RP11-2437	lincRNA	chr16	9449445	9501950	+	5298	12.84726	0.171838	1.067994	0.290497	3.676441	0.000384	0.005085	1
ENSG0000	mucosal h	Inflamed	SOX18	protein_cc	chr20	62679076	62680994	-	1723	723.3771	0	-1.00787	0.274151	-3.67631	0.000385	0.005085	1
ENSG0000	mucosal h	Inflamed	UBD	protein_cc	chr6	29523292	29527702	-	1087	64.54893	0.090692	-1.33581	0.363369	-3.67617	0.000385	0.005085	1
ENSG0000	mucosal h	Inflamed	TACC2	protein_cc	chr10	1.24E+08	1.24E+08	+	18835	4073.998	0	0.640332	0.174185	3.676168	0.000385	0.005085	1
ENSG0000	mucosal h	Inflamed	LILRA6	protein_cc	chr19	54720737	54746649	-	4190	337.8091	0	-1.20966	0.329074	-3.67594	0.000385	0.005087	1
ENSG0000	mucosal h	Inflamed	RP11-4511	protein_cc	chr10	1.12E+08	1.12E+08	-	1663	15.21718	0.019093	0.739519	0.201188	3.675763	0.000385	0.005087	1
ENSG0000	mucosal h	Inflamed	RP11-363J	lincRNA	chr14	69649737	69680809	-	2364	4.420048	0.193317	0.586564	0.159584	3.675582	0.000386	0.005088	1
ENSG0000	mucosal h	Inflamed	RNA5SP43	rRNA	chr17	3960050	3960170	-	121	2.849642	0.424821	0.641779	0.174617	3.675344	0.000386	0.00509	1
ENSG0000	mucosal h	Inflamed	SLC7A4	protein_cc	chr22	21383007	21387129	-	2447	156.284	0	1.05842	0.288006	3.674993	0.000386	0.005091	1
ENSG0000	mucosal h	Inflamed	CTC-297N	lincRNA	chr17	10575791	10579323	-	3533	468.3461	0	0.648296	0.176416	3.67481	0.000387	0.005091	1
ENSG0000	mucosal h	Inflamed	ARHGEF9	protein_cc	chrX	62854847	63005426	-	6673	1037.296	0	0.567899	0.154542	3.674711	0.000387	0.005091	1
ENSG0000	mucosal h	Inflamed	TCL1A	protein_cc	chr14	96176304	96180533	-	2236	197.2243	0.140811	-2.06602	0.562229	-3.67469	0.000387	0.005091	1
ENSG0000	mucosal h	Inflamed	FAM155A	protein_cc	chr13	1.08E+08	1.09E+08	-	3478	55.63484	0.016706	-1.0236	0.278574	-3.67444	0.000387	0.005093	1
ENSG0000	mucosal h	Inflamed	CEACAM2	protein_cc	chr19	42055886	42093197	+	1926	104.4964	0.009547	-0.76566	0.208387	-3.67424	0.000387	0.005094	1
ENSG0000	mucosal h	Inflamed	SFRP2	protein_cc	chr4	1.55E+08	1.55E+08	-	2032	408.9332	0.016706	-1.96028	0.53364	-3.67342	0.000388	0.005106	1
ENSG0000	mucosal h	Inflamed	RP11-363I	antisense	chr2	97193677	97198043	-	440	1.360382	0.680191	-0.5105	0.138989	-3.67299	0.000389	0.005111	1
ENSG0000	mucosal h	Inflamed	ANKRD63	protein_cc	chr15	40573645	40574787	-	1143	1.279236	0.680191	0.478015	0.13015	3.672784	0.000389	0.005112	1
ENSG0000	mucosal h	Inflamed	AC091132	antisense	chr17	43530210	43541431	+	769	19.1074	0.064439	-0.98232	0.267492	-3.67235	0.00039	0.005117	1
ENSG0000	mucosal h	Inflamed	PTN	protein_cc	chr7	1.37E+08	1.37E+08	-	1713	152.3198	0	0.944262	0.257167	3.671782	0.000391	0.005124	1
ENSG0000	mucosal h	Inflamed	RRAS2	protein_cc	chr11	14299472	14386052	-	3467	689.8138	0	0.428005	0.116583	3.671263	0.000391	0.005131	1
ENSG0000	mucosal h	Inflamed	GPR183	protein_cc	chr13	99946784	99959659	-	1700	500.3126	0	-0.83913	0.2286	-3.67071	0.000392	0.005138	1
ENSG0000	mucosal h	Inflamed	F2RL2	protein_cc	chr5	75911307	75919259	-	3429	349.2053	0.00716	-1.08866	0.296591	-3.67057	0.000392	0.005138	1
ENSG0000	mucosal h	Inflamed	RP3-388E2	antisense	chr6	1.36E+08	1.36E+08	+	577	2.164678	0.494033	0.508668	0.138586	3.670421	0.000392	0.005138	1
ENSG0000	mucosal h	Inflamed	MAP1LC3C	protein_cc	chr1	2.42E+08	2.42E+08	-	1182	4.73031	0.245823	-0.69998	0.190726	-3.67007	0.000393	0.005142	1
ENSG0000	mucosal h	Inflamed	CH17-132f	protein_cc	chr2	90458201	90458671	+	347	4.176611	0.460621	-1.09973	0.299709	-3.66932	0.000394	0.005152	1
ENSG0000	mucosal h	Inflamed	FMN2	protein_cc	chr1	2.4E+08	2.41E+08	+	9691	16.89737	0.124105	1.205746	0.328618	3.66914	0.000394	0.005153	1
ENSG0000	mucosal h	Inflamed	CTD-2547f	antisense	chr11	76666461	76689663	-	568	45.72792	0.011933	0.932333	0.254158	3.668321	0.000395	0.005165	1
ENSG0000	mucosal h	Inflamed	NMNAT3	protein_cc	chr3	1.39E+08	1.39E+08	-	3451	138.5227	0	0.60335	0.164498	3.667824	0.000396	0.005169	1
ENSG0000	mucosal h	Inflamed	SLC7A11	protein_cc	chr4	1.39E+08	1.39E+08	-	9645	414.6754	0	-1.16827	0.318519	-3.66781	0.000396	0.005169	1
ENSG0000	mucosal h	Inflamed	HOXD1	protein_cc	chr2	1.77E+08	1.77E+08	+	2028	230.5131	0	0.685918	0.18702	3.66761	0.000396	0.00517	1
ENSG0000	mucosal h	Inflamed	GPR110	protein_cc	chr6	46965440	47010099	-	12401	338.3365	0.01432	-1.75401	0.478297	-3.66719	0.000397	0.005175	1
ENSG0000	mucosal h	Inflamed	SLC9A2	protein_cc	chr2	1.03E+08	1.03E+08	+	5984	2460.513	0.004773	1.339934	0.365408	3.666955	0.000397	0.005176	1
ENSG0000	mucosal h	Inflamed	STARD13-7	processed	chr13	33845516	33855471	+	3436	3.563246	0.353222	0.710459	0.193765	3.666606	0.000398	0.00518	1
ENSG0000	mucosal h	Inflamed	SLC6A7	protein_cc	chr5	1.5E+08	1.5E+08	+	4391	397.0263	0	1.052982	0.287235	3.665925	0.000399	0.005189	1
ENSG0000	mucosal h	Inflamed	WDFY4	protein_cc	chr10	49892921	50191001	+	13692	1690.284	0	-0.90535	0.246973	-3.6658	0.000399	0.005189	1

ENSG0000	mucosal h	Inflamed	SHROOM1	protein_cc chr5	1.32E+08	1.32E+08	-	4329	2657.449	0	0.581791	0.158732	3.665247	0.000399	0.005197	1
ENSG0000	mucosal h	Inflamed	HVCN1	protein_cc chr12	1.11E+08	1.11E+08	-	3595	473.9236	0	-0.8127	0.221743	-3.66504	0.0004	0.005198	1
ENSG0000	mucosal h	Inflamed	VNN1	protein_cc chr6	1.33E+08	1.33E+08	-	3106	994.7494	0	-1.59674	0.435702	-3.66476	0.0004	0.0052	1
ENSG0000	mucosal h	Inflamed	LMAN2	protein_cc chr5	1.77E+08	1.77E+08	-	2357	6333.258	0	-0.24207	0.066058	-3.66452	0.0004	0.005202	1
ENSG0000	mucosal h	Inflamed	TRIB2	protein_cc chr2	12857015	12882860	+	4588	1697.695	0	-0.9579	0.261448	-3.66381	0.000401	0.005212	1
ENSG0000	mucosal h	Inflamed	RAB3B	protein_cc chr1	52373628	52456436	-	12844	487.7876	0	0.886519	0.242019	3.663009	0.000403	0.005224	1
ENSG0000	mucosal h	Inflamed	PWWP2B	protein_cc chr10	1.34E+08	1.34E+08	+	2651	1759.687	0	0.456826	0.124721	3.662775	0.000403	0.005225	1
ENSG0000	mucosal h	Inflamed	AC074363	lincRNA chr2	1.68E+08	1.68E+08	+	462	9.823389	0.150358	0.853778	0.233187	3.66135	0.000405	0.005248	1
ENSG0000	mucosal h	Inflamed	CRYBB1	protein_cc chr22	26995242	27014052	-	1102	13.45107	0.016706	-0.71637	0.195662	-3.66124	0.000405	0.005248	1
ENSG0000	mucosal h	Inflamed	MFAP2	protein_cc chr1	17300997	17307330	-	2915	247.2029	0.002387	-0.99622	0.272143	-3.66066	0.000406	0.005256	1
ENSG0000	mucosal h	Inflamed	WSCD1	protein_cc chr17	5675554	6027747	+	9082	1431.129	0	1.054551	0.288096	3.660411	0.000406	0.005258	1
ENSG0000	mucosal h	Inflamed	MAGIX	protein_cc chrX	49019061	49024822	+	4948	242.222	0	0.698859	0.190933	3.660236	0.000406	0.005258	1
ENSG0000	mucosal h	Inflamed	RP11-5101	sense_intr chr1	2.02E+08	2.02E+08	+	987	56.3222	0.02864	1.042914	0.284956	3.65991	0.000407	0.005261	1
ENSG0000	mucosal h	Inflamed	FAM49A	protein_cc chr2	16730727	16847599	-	5448	581.0955	0	-0.84998	0.232276	-3.65934	0.000408	0.005269	1
ENSG0000	mucosal h	Inflamed	MBOAT1	protein_cc chr6	20100935	20212670	-	3287	1935.103	0	0.683648	0.18684	3.658995	0.000408	0.005273	1
ENSG0000	mucosal h	Inflamed	ARHGEF26	protein_cc chr3	1.54E+08	1.54E+08	+	5489	182.1718	0.004773	0.761351	0.208085	3.658849	0.000408	0.005273	1
ENSG0000	mucosal h	Inflamed	NHSL1	protein_cc chr6	1.39E+08	1.39E+08	-	8741	4314.566	0	0.816916	0.223321	3.65804	0.000409	0.005285	1
ENSG0000	mucosal h	Inflamed	CITF22-92	lincRNA chr22	46409486	46411378	+	1207	47.40095	0	0.426992	0.116738	3.657709	0.00041	0.005288	1
ENSG0000	mucosal h	Inflamed	CPT1A	protein_cc chr11	68522088	68611878	-	6565	11477.06	0	0.594056	0.162433	3.657239	0.000411	0.005292	1
ENSG0000	mucosal h	Inflamed	RN7SL541	misc_RNA chr5	1.34E+08	1.34E+08	+	285	8.52506	0.186158	0.807176	0.220709	3.657196	0.000411	0.005292	1
ENSG0000	mucosal h	Inflamed	AP002954	antisense chr11	1.19E+08	1.19E+08	+	1388	26.78043	0.081146	1.023963	0.28021	3.654268	0.000415	0.005343	1
ENSG0000	mucosal h	Inflamed	ANXA5	protein_cc chr4	1.23E+08	1.23E+08	-	3034	5400.561	0	-0.60876	0.166633	-3.65331	0.000416	0.005358	1
ENSG0000	mucosal h	Inflamed	MLK4	protein_cc chr1	2.33E+08	2.34E+08	+	7916	700.6396	0	0.813828	0.222795	3.652803	0.000417	0.005365	1
ENSG0000	mucosal h	Inflamed	ATP9A	protein_cc chr20	50213053	50385173	-	8317	5574.496	0	0.696444	0.190771	3.650672	0.00042	0.005402	1
ENSG0000	mucosal h	Inflamed	ADAM12	protein_cc chr10	1.28E+08	1.28E+08	-	9860	461.148	0.00716	-1.51069	0.413841	-3.65041	0.00042	0.005404	1
ENSG0000	mucosal h	Inflamed	SGK2	protein_cc chr20	42187608	42216877	+	3465	2140.788	0	1.1437	0.313322	3.650238	0.000421	0.005404	1
ENSG0000	mucosal h	Inflamed	SLC20A2	protein_cc chr8	42273993	42397069	-	6641	3112.487	0	0.572646	0.156895	3.649864	0.000421	0.005409	1
ENSG0000	mucosal h	Inflamed	PHGDH	protein_cc chr1	1.2E+08	1.2E+08	+	5622	488.2745	0	-0.84616	0.231872	-3.64924	0.000422	0.005418	1
ENSG0000	mucosal h	Inflamed	RP11-98G	lincRNA chr1	1.56E+08	1.56E+08	-	990	1.878282	0.551313	0.501858	0.137542	3.648757	0.000423	0.005424	1
ENSG0000	mucosal h	Inflamed	AC092653	pseudoger chr2	73927754	73928432	-	679	30.77566	0.054893	0.95624	0.262109	3.648255	0.000423	0.005431	1
ENSG0000	mucosal h	Inflamed	SEMG2	protein_cc chr20	43849941	43853099	+	2051	5.98568	0.577566	-1.20122	0.329431	-3.64636	0.000426	0.005463	1
ENSG0000	mucosal h	Inflamed	KIAA1737	protein_cc chr14	77564440	77583630	+	5300	1206.358	0	0.765	0.209818	3.646011	0.000427	0.005465	1
ENSG0000	mucosal h	Inflamed	RP11-395F	antisense chr9	1.31E+08	1.31E+08	-	3958	2029.757	0	0.753437	0.206649	3.645968	0.000427	0.005465	1
ENSG0000	mucosal h	Inflamed	MLLT3	protein_cc chr9	20341663	20622542	-	8129	921.2936	0	0.665457	0.182532	3.645692	0.000427	0.005468	1
ENSG0000	mucosal h	Inflamed	RUNX3	protein_cc chr1	25226002	25291612	-	4605	1614.346	0	-0.70839	0.194341	-3.64508	0.000428	0.005477	1
ENSG0000	mucosal h	Inflamed	CSTF3-AS1	antisense chr11	33183203	33213144	+	2062	3.389021	0.295943	-0.63191	0.173365	-3.64495	0.000428	0.005477	1
ENSG0000	mucosal h	Inflamed	HLA-DMB	protein_cc chr6	32902406	32908847	-	4655	2439.411	0	-0.59334	0.162794	-3.64475	0.000429	0.005477	1
ENSG0000	mucosal h	Inflamed	GRAP	protein_cc chr17	18923986	18950950	-	3107	377.1122	0	-0.84642	0.232263	-3.64422	0.000429	0.005485	1
ENSG0000	mucosal h	Inflamed	GRK6	protein_cc chr5	1.77E+08	1.77E+08	+	4355	2815.265	0	-0.37378	0.102592	-3.64336	0.000431	0.005496	1
ENSG0000	mucosal h	Inflamed	DDOST	protein_cc chr1	20978270	20988000	-	2674	9907.728	0	-0.27611	0.075786	-3.64331	0.000431	0.005496	1

ENSG0000	mucosal h	Inflamed	VANGL2	protein_cc	chr1	1.6E+08	1.6E+08	+	5340	763.4081	0.002387	0.87814	0.241036	3.643191	0.000431	0.005496	1
ENSG0000	mucosal h	Inflamed	MAP1LC3A	protein_cc	chr20	33134658	33148149	+	1762	914.1169	0	0.362901	0.099616	3.64298	0.000431	0.005498	1
ENSG0000	mucosal h	Inflamed	B3GNT9	protein_cc	chr16	67182008	67185117	-	2917	632.5442	0	-0.58355	0.16021	-3.64242	0.000432	0.005504	1
ENSG0000	mucosal h	Inflamed	RP11-175k	lincRNA	chr5	1.59E+08	1.59E+08	+	3214	22.50358	0.023866	-0.91582	0.251443	-3.64226	0.000432	0.005504	1
ENSG0000	mucosal h	Inflamed	RP11-472E	pseudoger	chr4	39481875	39483525	+	1651	6.513126	0.105012	0.57531	0.157957	3.6422	0.000432	0.005504	1
ENSG0000	mucosal h	Inflamed	SERPINH1	protein_cc	chr11	75273101	75283828	+	4914	5761.453	0	-0.62979	0.172928	-3.64194	0.000433	0.005506	1
ENSG0000	mucosal h	Inflamed	DGKD	protein_cc	chr2	2.34E+08	2.34E+08	+	9441	4097.604	0	0.575366	0.157994	3.641689	0.000433	0.005506	1
ENSG0000	mucosal h	Inflamed	IGHJ2P	IG_J_pseu	chr14	1.06E+08	1.06E+08	-	60	8.384248	0.202864	-0.93573	0.25695	-3.64167	0.000433	0.005506	1
ENSG0000	mucosal h	Inflamed	NQO2	protein_cc	chr6	2988221	3019996	+	2451	487.8544	0	-0.51169	0.140524	-3.64131	0.000434	0.00551	1
ENSG0000	mucosal h	Inflamed	ADAM1A	pseudoger	chr12	1.12E+08	1.12E+08	+	2976	267.3604	0	1.051141	0.288694	3.641017	0.000434	0.005513	1
ENSG0000	mucosal h	Inflamed	B3GNT7	protein_cc	chr2	2.32E+08	2.32E+08	+	3806	9072.542	0	1.298021	0.356574	3.640252	0.000435	0.005525	1
ENSG0000	mucosal h	Inflamed	IL17F	protein_cc	chr6	52101479	52109335	-	1067	9.959427	0.343675	-1.08006	0.296747	-3.63968	0.000436	0.005533	1
ENSG0000	mucosal h	Inflamed	RP11-387A	antisense	chr2	1.77E+08	1.77E+08	-	1553	8.042959	0.136038	0.765984	0.21053	3.638364	0.000438	0.005553	1
ENSG0000	mucosal h	Inflamed	TOM1L1	protein_cc	chr17	52976748	53039310	+	7268	980.4797	0	0.66852	0.183742	3.638353	0.000438	0.005553	1
ENSG0000	mucosal h	Inflamed	CHST8	protein_cc	chr19	34112861	34264414	+	3052	13.55847	0.095465	-1.03451	0.28438	-3.63777	0.000439	0.00556	1
ENSG0000	mucosal h	Inflamed	SCN8A	protein_cc	chr12	51984050	52206648	+	12457	171.8807	0.00716	0.904011	0.248512	3.6377	0.000439	0.00556	1
ENSG0000	mucosal h	Inflamed	TMEM27	protein_cc	chrX	15645441	15683154	-	1578	8.847255	0.076372	0.630649	0.173377	3.637448	0.000439	0.00556	1
ENSG0000	mucosal h	Inflamed	ANKFN1	protein_cc	chr17	54188319	54589020	+	6923	9.634845	0.105012	0.872997	0.240003	3.637444	0.000439	0.00556	1
ENSG0000	mucosal h	Inflamed	MIR3185	miRNA	chr17	46801770	46801837	-	68	3.167064	0.575179	0.923267	0.253875	3.636699	0.000441	0.005571	1
ENSG0000	mucosal h	Inflamed	C4A	protein_cc	chr6	31949801	31970458	+	7199	793.9403	0.00716	-1.2751	0.350709	-3.63578	0.000442	0.005586	1
ENSG0000	mucosal h	Inflamed	SLAMF9	protein_cc	chr1	1.6E+08	1.6E+08	-	1156	5.673031	0.403341	-0.9364	0.257571	-3.63552	0.000442	0.005588	1
ENSG0000	mucosal h	Inflamed	RP11-94L1	lincRNA	chr17	37913974	37920089	-	6116	1544.776	0	-0.91801	0.252593	-3.63435	0.000444	0.005605	1
ENSG0000	mucosal h	Inflamed	CXCL16	protein_cc	chr17	4636821	4643217	-	2794	3906.697	0	-0.49498	0.136194	-3.63434	0.000444	0.005605	1
ENSG0000	mucosal h	Inflamed	RP11-77K1	protein_cc	chr16	75562430	75579326	-	2125	1.384248	0.653938	0.521182	0.14342	3.633957	0.000445	0.005606	1
ENSG0000	mucosal h	Inflamed	SCN2A	protein_cc	chr2	1.66E+08	1.66E+08	+	12338	7.713604	0.27685	-1.00271	0.275931	-3.63394	0.000445	0.005606	1
ENSG0000	mucosal h	Inflamed	FAM151A	protein_cc	chr1	55074855	55089229	-	2005	82.39857	0.069212	1.45431	0.400208	3.63389	0.000445	0.005606	1
ENSG0000	mucosal h	Inflamed	ADM	protein_cc	chr11	10326227	10328944	+	2718	2536.186	0	-0.80352	0.221178	-3.63289	0.000446	0.005621	1
ENSG0000	mucosal h	Inflamed	ACOT8	protein_cc	chr20	44470360	44486045	-	4213	962.3079	0	0.375182	0.103276	3.632806	0.000446	0.005621	1
ENSG0000	mucosal h	Inflamed	NUDT16	protein_cc	chr3	1.31E+08	1.31E+08	+	7038	2994.01	0	0.38581	0.106224	3.632043	0.000448	0.005633	1
ENSG0000	mucosal h	Inflamed	SLC5A12	protein_cc	chr11	26688566	26744974	-	7544	39.47971	0.372315	1.035996	0.285315	3.631065	0.000449	0.005649	1
ENSG0000	mucosal h	Inflamed	PARK2	protein_cc	chr6	1.62E+08	1.63E+08	-	4506	58.59427	0.00716	0.684206	0.18848	3.63012	0.000451	0.005665	1
ENSG0000	mucosal h	Inflamed	PMEPA1	protein_cc	chr20	56223448	56286592	-	5619	3656.029	0	-0.52099	0.143541	-3.62951	0.000452	0.005674	1
ENSG0000	mucosal h	Inflamed	CST7	protein_cc	chr20	24929866	24940564	+	930	488.6277	0	-0.9501	0.261918	-3.62747	0.000455	0.005711	1
ENSG0000	mucosal h	Inflamed	ANK3	protein_cc	chr10	61786056	62493248	-	24624	1177.726	0	0.964589	0.265943	3.627047	0.000455	0.005715	1
ENSG0000	mucosal h	Inflamed	ATG4D	protein_cc	chr19	10654571	10664094	+	2278	1888.792	0	0.399849	0.110242	3.627005	0.000455	0.005715	1
ENSG0000	mucosal h	Inflamed	APOL3	protein_cc	chr22	36536372	36562225	-	5990	1488.265	0	-0.68066	0.187679	-3.62672	0.000456	0.005717	1
ENSG0000	mucosal h	Inflamed	CLEC2B	protein_cc	chr12	10005583	10022735	-	2638	292.1599	0	-0.81008	0.223382	-3.62644	0.000456	0.00572	1
ENSG0000	mucosal h	Inflamed	CRYBA2	protein_cc	chr2	2.2E+08	2.2E+08	-	1454	40.79952	0.026253	1.230098	0.339246	3.625976	0.000457	0.005727	1
ENSG0000	mucosal h	Inflamed	KIF5C	protein_cc	chr2	1.5E+08	1.5E+08	+	9221	99.23628	0.00716	0.89302	0.24632	3.625443	0.000458	0.005734	1
ENSG0000	mucosal h	Inflamed	LINC00589	lincRNA	chr8	29531438	29605625	-	2074	8.48926	0.105012	0.846708	0.233591	3.624746	0.000459	0.005743	1

ENSG0000	mucosal h	Inflamed	UBE2E2	protein_cc chr3	23244511	23633284	+	3272	265.0477	0	-0.61891	0.170755	-3.62457	0.000459	0.005743	1
ENSG0000	mucosal h	Inflamed	C12orf68	protein_cc chr12	48577366	48579709	+	2344	60.12649	0.004773	-0.86132	0.23764	-3.62446	0.000459	0.005743	1
ENSG0000	mucosal h	Inflamed	MAP7D2	protein_cc chrX	20024831	20135035	-	4475	44.67542	0.02864	0.98619	0.272095	3.624431	0.000459	0.005743	1
ENSG0000	mucosal h	Inflamed	XXyac-YRN	pseudoger chr9	14511	29739	-	2216	322.7112	0	0.44101	0.121719	3.623174	0.000461	0.005765	1
ENSG0000	mucosal h	Inflamed	SRGAP1	protein_cc chr12	64238073	64541613	+	12253	978.0907	0	0.61598	0.170042	3.622512	0.000462	0.005768	1
ENSG0000	mucosal h	Inflamed	SYTL2	protein_cc chr11	85405267	85522184	-	11248	3512.611	0	0.987813	0.27269	3.622475	0.000462	0.005768	1
ENSG0000	mucosal h	Inflamed	RP11-700F	lincRNA chr17	49012350	49022074	-	2054	12.62291	0.062053	0.719537	0.198637	3.622378	0.000463	0.005768	1
ENSG0000	mucosal h	Inflamed	XRCC6BP1	protein_cc chr12	58335324	58351052	+	1373	244.6659	0	0.578186	0.159617	3.622338	0.000463	0.005768	1
ENSG0000	mucosal h	Inflamed	GMNN	protein_cc chr6	24775159	24786327	+	2476	612.3484	0	0.559254	0.154395	3.62222	0.000463	0.005768	1
ENSG0000	mucosal h	Inflamed	TMEM38B	protein_cc chr9	1.08E+08	1.09E+08	+	4511	271.1384	0	0.488714	0.134921	3.622213	0.000463	0.005768	1
ENSG0000	mucosal h	Inflamed	LARP1P1	pseudoger chr6	26164300	26164591	+	292	2.794749	0.391408	0.631433	0.174333	3.622004	0.000463	0.005769	1
ENSG0000	mucosal h	Inflamed	LRP8	protein_cc chr1	53711217	53793742	-	7077	361.0835	0.002387	-0.91836	0.253595	-3.62137	0.000464	0.005777	1
ENSG0000	mucosal h	Inflamed	RP1-45C12	antisense chr1	1.71E+08	1.71E+08	-	416	2.601432	0.431981	-0.61447	0.16968	-3.62132	0.000464	0.005777	1
ENSG0000	mucosal h	Inflamed	ILDR2	protein_cc chr1	1.67E+08	1.67E+08	-	8283	39.88783	0.02864	0.953129	0.263223	3.620993	0.000465	0.005781	1
ENSG0000	mucosal h	Inflamed	AC026202	antisense chr3	5198590	5229014	-	672	26.44153	0.004773	-0.81967	0.226415	-3.62023	0.000466	0.005793	1
ENSG0000	mucosal h	Inflamed	DDAH1	protein_cc chr1	85784164	86043933	-	5982	3939.172	0	0.619101	0.171026	3.619932	0.000467	0.005796	1
ENSG0000	mucosal h	Inflamed	FOXD2	protein_cc chr1	47901689	47906363	+	4675	859.6158	0	0.949476	0.262377	3.618744	0.000468	0.005817	1
ENSG0000	mucosal h	Inflamed	DDN	protein_cc chr12	49388932	49393092	-	3749	12.15036	0.033413	-0.65925	0.182199	-3.61829	0.000469	0.005823	1
ENSG0000	mucosal h	Inflamed	ASAP3	protein_cc chr1	23755056	23811061	-	4988	1716.317	0	0.483158	0.133539	3.618109	0.000469	0.005824	1
ENSG0000	mucosal h	Inflamed	HR	protein_cc chr8	21971928	21990897	-	8784	3324.107	0	0.655619	0.181244	3.617317	0.000471	0.005835	1
ENSG0000	mucosal h	Inflamed	FBXO31	protein_cc chr16	87360593	87425748	-	6810	2351.888	0	0.427447	0.118168	3.61727	0.000471	0.005835	1
ENSG0000	mucosal h	Inflamed	CCDC33	protein_cc chr15	74509613	74628813	+	5275	2.193317	0.470167	0.522718	0.144566	3.615764	0.000473	0.005862	1
ENSG0000	mucosal h	Inflamed	ABCG5	protein_cc chr2	44039611	44066004	-	3720	47.50119	0.033413	-1.12296	0.310594	-3.61552	0.000474	0.005865	1
ENSG0000	mucosal h	Inflamed	PDCD1LG2	protein_cc chr9	5510545	5571282	+	2418	125.1193	0.002387	-0.88199	0.243971	-3.61512	0.000474	0.00587	1
ENSG0000	mucosal h	Inflamed	ELOVL5	protein_cc chr6	53132196	53213947	-	4223	1310.482	0	-0.7672	0.21225	-3.6146	0.000475	0.005877	1
ENSG0000	mucosal h	Inflamed	DPP7	protein_cc chr9	1.4E+08	1.4E+08	-	2820	3208.95	0	-0.57488	0.159072	-3.61397	0.000476	0.005887	1
ENSG0000	mucosal h	Inflamed	IFNG-AS1	antisense chr12	68383225	68628466	+	2125	31.08592	0.045346	-1.11928	0.309833	-3.61251	0.000478	0.005914	1
ENSG0000	mucosal h	Inflamed	RP11-611C	antisense chr12	69235068	69237017	-	785	15.92363	0.057279	0.850411	0.235447	3.611892	0.000479	0.005924	1
ENSG0000	mucosal h	Inflamed	SH3RF3-AS1	lincRNA chr2	1.1E+08	1.1E+08	-	1604	18.92363	0.0358	-0.87263	0.241635	-3.61138	0.00048	0.00593	1
ENSG0000	mucosal h	Inflamed	CYP2B6	protein_cc chr19	41497204	41524303	+	3589	677.3699	0.01432	1.483754	0.410867	3.611279	0.00048	0.00593	1
ENSG0000	mucosal h	Inflamed	FER1L4	pseudoger chr20	34146507	34195484	-	9212	1416.384	0.002387	-1.17473	0.325332	-3.61087	0.000481	0.005935	1
ENSG0000	mucosal h	Inflamed	APBB1IP	protein_cc chr10	26727132	26856732	+	3981	1006.251	0	-0.84147	0.233045	-3.61076	0.000481	0.005935	1
ENSG0000	mucosal h	Inflamed	SIRPG	protein_cc chr20	1609798	1638425	-	2242	238.5967	0	-0.74458	0.206238	-3.61029	0.000482	0.005942	1
ENSG0000	mucosal h	Inflamed	NAP1L6	protein_cc chrX	72345876	72347919	-	2044	1.921241	0.682578	0.599826	0.166151	3.610118	0.000482	0.005943	1
ENSG0000	mucosal h	Inflamed	IL33	protein_cc chr9	6215805	6257983	+	3232	379.2768	0	-0.99186	0.274792	-3.6095	0.000483	0.005952	1
ENSG0000	mucosal h	Inflamed	WFDC2	protein_cc chr20	44098346	44110172	+	1382	2200.683	0	1.275739	0.353523	3.608641	0.000485	0.005967	1
ENSG0000	mucosal h	Inflamed	GUCY1A2	protein_cc chr11	1.07E+08	1.07E+08	-	16361	58.40811	0.026253	-0.98892	0.274063	-3.60838	0.000485	0.00597	1
ENSG0000	mucosal h	Inflamed	GPRC5C	protein_cc chr17	72420990	72447792	+	8005	2406.27	0	0.548568	0.152065	3.607464	0.000487	0.005985	1
ENSG0000	mucosal h	Inflamed	RXFP4	protein_cc chr1	1.56E+08	1.56E+08	+	1146	57.11456	0.016706	0.885607	0.245513	3.607162	0.000487	0.005989	1
ENSG0000	mucosal h	Inflamed	DDAH2	protein_cc chr6	31694815	31698394	-	2538	2143.811	0	0.379451	0.105232	3.60584	0.000489	0.006013	1

ENSG0000	mucosal h	Inflamed	PHLDB1	protein_cc	chr11	1.18E+08	1.19E+08	+	21988	4977.463	0	0.560608	0.155502	3.605159	0.000491	0.006022	1
ENSG0000	mucosal h	Inflamed	KIF26B	protein_cc	chr1	2.45E+08	2.46E+08	+	14403	232.2768	0.02148	-1.28014	0.355089	-3.60512	0.000491	0.006022	1
ENSG0000	mucosal h	Inflamed	AC098823	lincRNA	chr2	2.32E+08	2.32E+08	-	2609	3.26253	0.319809	0.604128	0.167614	3.604277	0.000492	0.006036	1
ENSG0000	mucosal h	Inflamed	OVGP1	protein_cc	chr1	1.12E+08	1.12E+08	-	2988	97.30072	0	0.528585	0.146675	3.603782	0.000493	0.006043	1
ENSG0000	mucosal h	Inflamed	SPRYD7	protein_cc	chr13	50486842	50510626	-	3340	458.4224	0	0.419167	0.116316	3.603674	0.000493	0.006043	1
ENSG0000	mucosal h	Inflamed	HLA-DPA1	protein_cc	chr6	33032346	33048552	-	5748	13032.76	0	-0.65626	0.182149	-3.60284	0.000494	0.006057	1
ENSG0000	mucosal h	Inflamed	KCNE1L	protein_cc	chrX	1.09E+08	1.09E+08	-	1465	7.622912	0.274463	-1.02912	0.285664	-3.60256	0.000495	0.00606	1
ENSG0000	mucosal h	Inflamed	RP11-555k	pseudoger	chr4	1.53E+08	1.53E+08	-	777	8.341289	0.116945	-0.81463	0.226143	-3.60226	0.000495	0.006064	1
ENSG0000	mucosal h	Inflamed	AP000695	antisense	chr21	37818029	37904706	+	1178	3.832936	0.400955	-0.80044	0.222241	-3.60169	0.000496	0.006073	1
ENSG0000	mucosal h	Inflamed	CACNA1A	protein_cc	chr19	13317256	13734804	-	10904	152.0621	0	0.882805	0.245144	3.601169	0.000497	0.006081	1
ENSG0000	mucosal h	Inflamed	APOBEC3f	protein_cc	chr22	39493229	39500072	+	1251	23.50119	0.011933	-0.722	0.2005	-3.601	0.000498	0.006081	1
ENSG0000	mucosal h	Inflamed	SYTL4	protein_cc	chrX	99929488	99987110	-	7518	891.0764	0	0.79791	0.221617	3.600404	0.000499	0.006083	1
ENSG0000	mucosal h	Inflamed	PRSS36	protein_cc	chr16	31150246	31161415	-	3685	167.9093	0	0.560278	0.155619	3.600326	0.000499	0.006083	1
ENSG0000	mucosal h	Inflamed	TDP2	protein_cc	chr6	24650205	24667261	-	3082	4682.282	0	0.750052	0.20833	3.600315	0.000499	0.006083	1
ENSG0000	mucosal h	Inflamed	CLCA3P	pseudoger	chr1	87099956	87121059	+	3437	18.70406	0.136038	-1.19039	0.330648	-3.60017	0.000499	0.006083	1
ENSG0000	mucosal h	Inflamed	CCT8P1	pseudoger	chr1	1.47E+08	1.47E+08	-	1657	63.72315	0.009547	0.898462	0.249565	3.600112	0.000499	0.006083	1
ENSG0000	mucosal h	Inflamed	TPTE2	protein_cc	chr13	19997017	20110903	-	2288	12.97375	0.131265	-0.9941	0.276133	-3.60009	0.000499	0.006083	1
ENSG0000	mucosal h	Inflamed	ACADS	protein_cc	chr12	1.21E+08	1.21E+08	+	2648	5616.556	0	0.644738	0.179103	3.599817	0.0005	0.006086	1
ENSG0000	mucosal h	Inflamed	BHLHE40	protein_cc	chr3	5020801	5027008	+	3837	5131.451	0	-0.54632	0.151771	-3.59967	0.0005	0.006086	1
ENSG0000	mucosal h	Inflamed	ARHGAP3f	protein_cc	chr8	1.46E+08	1.46E+08	-	5012	573.0931	0	0.561986	0.156139	3.599265	0.000501	0.006091	1
ENSG0000	mucosal h	Inflamed	GNB3	protein_cc	chr12	6949118	6956557	+	3437	108.5346	0	-0.73766	0.204952	-3.59919	0.000501	0.006091	1
ENSG0000	mucosal h	Inflamed	LDLRAD3	protein_cc	chr11	35965531	36253686	+	4575	389.2625	0	-0.87875	0.244183	-3.59872	0.000501	0.006097	1
ENSG0000	mucosal h	Inflamed	ACTBP1	pseudoger	chrX	46147451	46148563	-	1113	1.916468	0.644391	-0.7434	0.206581	-3.59858	0.000502	0.006098	1
ENSG0000	mucosal h	Inflamed	RP11-884k	antisense	chr3	53831791	53832046	-	256	1.720764	0.661098	0.482151	0.134002	3.598092	0.000503	0.006105	1
ENSG0000	mucosal h	Inflamed	IGHV1-45	IG_V_gene	chr14	1.07E+08	1.07E+08	-	409	148.0811	0.105012	-1.88954	0.525199	-3.59777	0.000503	0.006107	1
ENSG0000	mucosal h	Inflamed	DIAPH2-Af	antisense	chrX	96686285	96897588	-	2309	2.429594	0.5179	-0.68303	0.189852	-3.5977	0.000503	0.006107	1
ENSG0000	mucosal h	Inflamed	RP11-274E	lincRNA	chr9	71158457	71161505	-	526	6.75179	0.379475	-1.08419	0.301376	-3.59745	0.000504	0.00611	1
ENSG0000	mucosal h	Inflamed	MSX1	protein_cc	chr4	4861393	4865663	+	2120	35.80907	0.01432	-0.85478	0.237628	-3.59715	0.000504	0.006113	1
ENSG0000	mucosal h	Inflamed	MADCAM1	protein_cc	chr19	489176	505347	+	2441	733.2697	0	-1.258	0.349767	-3.5967	0.000505	0.00612	1
ENSG0000	mucosal h	Inflamed	TPM1	protein_cc	chr15	63334831	63364114	+	8468	9524.317	0	0.426215	0.118567	3.594714	0.000508	0.006156	1
ENSG0000	mucosal h	Inflamed	RP4-647J2	sense_ove	chr7	44998598	45000508	-	1911	72.74224	0.016706	-0.98545	0.27414	-3.59471	0.000508	0.006156	1
ENSG0000	mucosal h	Inflamed	TNFSF8	protein_cc	chr9	1.18E+08	1.18E+08	-	2348	124.7733	0.004773	-0.99838	0.277752	-3.59449	0.000509	0.006157	1
ENSG0000	mucosal h	Inflamed	RP11-61A1	antisense	chr16	66875336	66887351	-	434	11.79236	0.062053	0.7076	0.196873	3.594187	0.000509	0.00616	1
ENSG0000	mucosal h	Inflamed	COBL	protein_cc	chr7	51083909	51384515	-	14304	2722.737	0	0.803562	0.223579	3.594086	0.000509	0.00616	1
ENSG0000	mucosal h	Inflamed	GDE1	protein_cc	chr16	19513015	19533467	-	4412	3942.981	0	0.393152	0.109427	3.592834	0.000512	0.006183	1
ENSG0000	mucosal h	Inflamed	TCIRG1	protein_cc	chr11	67806483	67818362	+	4384	7170.379	0	-0.47807	0.133089	-3.59212	0.000513	0.006196	1
ENSG0000	mucosal h	Inflamed	FHL3	protein_cc	chr1	38462442	38471278	-	2004	509.7828	0	-0.67272	0.187296	-3.59177	0.000513	0.006198	1
ENSG0000	mucosal h	Inflamed	SOWAHA	protein_cc	chr5	1.32E+08	1.32E+08	+	3456	1046.301	0	1.114815	0.310384	3.591725	0.000513	0.006198	1
ENSG0000	mucosal h	Inflamed	RP11-379k	antisense	chr3	1.7E+08	1.7E+08	+	1781	36.18138	0.004773	0.85657	0.238528	3.591069	0.000515	0.006209	1
ENSG0000	mucosal h	Inflamed	SPPL2B	processed	chr19	2328614	2355099	+	7096	4274.936	0	0.492119	0.137071	3.590262	0.000516	0.006223	1

ENSG0000	mucosal h	Inflamed	PHLPP2	protein_cc chr16	71671738	71758604	-	12493	3004.675	0	1.037518	0.289026	3.589703	0.000517	0.006232	1
ENSG0000	mucosal h	Inflamed	ROGDI	protein_cc chr16	4846969	4852951	-	3683	685.2959	0	0.363306	0.101217	3.589374	0.000518	0.006232	1
ENSG0000	mucosal h	Inflamed	CHAT	protein_cc chr10	50817141	50901925	+	3100	20.44153	0.214797	1.067672	0.29746	3.589297	0.000518	0.006232	1
ENSG0000	mucosal h	Inflamed	FZD8	protein_cc chr10	35927177	35930362	-	3186	474.0072	0	0.63394	0.17662	3.589283	0.000518	0.006232	1
ENSG0000	mucosal h	Inflamed	TSPAN11	protein_cc chr12	31079362	31149534	+	7113	3399.186	0	-0.81153	0.226129	-3.5888	0.000519	0.00624	1
ENSG0000	mucosal h	Inflamed	AC125232	pseudoger chr2	87257800	87303536	-	2277	107.1742	0	0.407005	0.113437	3.587933	0.00052	0.006255	1
ENSG0000	mucosal h	Inflamed	LPPR1	protein_cc chr9	1.04E+08	1.04E+08	+	3669	4.379475	0.300716	0.638271	0.177943	3.58694	0.000522	0.006274	1
ENSG0000	mucosal h	Inflamed	IGKV3D-7	IG_V_gene chr2	90273679	90274235	+	382	18.58473	0.069212	-1.11373	0.310509	-3.5868	0.000522	0.006274	1
ENSG0000	mucosal h	Inflamed	DLL3	protein_cc chr19	39989535	39999121	+	2618	4.682578	0.221957	-0.76989	0.214694	-3.586	0.000524	0.006288	1
ENSG0000	mucosal h	Inflamed	FBXO16	protein_cc chr8	28205804	28347835	-	3972	67.22912	0	-0.66845	0.18643	-3.58551	0.000524	0.006295	1
ENSG0000	mucosal h	Inflamed	MT-TV	Mt_tRNA chrM	1602	1670	+	69	246	0.002387	1.186517	0.330945	3.585241	0.000525	0.006298	1
ENSG0000	mucosal h	Inflamed	ZFAT	protein_cc chr8	1.35E+08	1.36E+08	-	8900	450.1885	0	-0.33693	0.093981	-3.58508	0.000525	0.006298	1
ENSG0000	mucosal h	Inflamed	NINJ1	protein_cc chr9	95883771	95896570	-	2648	1883.208	0	-0.64465	0.179818	-3.58498	0.000525	0.006298	1
ENSG0000	mucosal h	Inflamed	PER2	protein_cc chr2	2.39E+08	2.39E+08	-	6877	1780.253	0	0.620093	0.172997	3.584409	0.000526	0.006307	1
ENSG0000	mucosal h	Inflamed	POU5F1	protein_cc chr6	31132119	31148508	-	2876	180.0549	0	1.03354	0.288389	3.583832	0.000527	0.006317	1
ENSG0000	mucosal h	Inflamed	PSME1	protein_cc chr14	24605367	24608176	+	1781	7026.921	0	-0.29294	0.081743	-3.58365	0.000528	0.006318	1
ENSG0000	mucosal h	Inflamed	FOXP1	protein_cc chr3	71003844	71633140	-	13359	2118.979	0	0.481929	0.134495	3.583249	0.000528	0.006324	1
ENSG0000	mucosal h	Inflamed	MBOAT2	protein_cc chr2	8992820	9143942	-	8798	1329.554	0	0.706572	0.197245	3.582209	0.00053	0.006343	1
ENSG0000	mucosal h	Inflamed	MYF6	protein_cc chr12	81101277	81103253	+	1465	1.959427	0.677804	-0.79364	0.221582	-3.58171	0.000531	0.006351	1
ENSG0000	mucosal h	Inflamed	SYTL1	protein_cc chr1	27668513	27680421	+	5575	1727.086	0	-0.59452	0.166011	-3.5812	0.000532	0.006359	1
ENSG0000	mucosal h	Inflamed	FES	protein_cc chr15	91426925	91439006	+	4241	918.358	0	-0.6133	0.171265	-3.581	0.000532	0.00636	1
ENSG0000	mucosal h	Inflamed	TNFAIP2	protein_cc chr14	1.04E+08	1.04E+08	+	5029	6577.599	0	-0.89233	0.249202	-3.58074	0.000533	0.006363	1
ENSG0000	mucosal h	Inflamed	LRRC32	protein_cc chr11	76368568	76381791	-	4459	1769.683	0	-0.70319	0.196391	-3.58058	0.000533	0.006364	1
ENSG0000	mucosal h	Inflamed	GULOP	pseudoger chr8	27417791	27446590	+	748	3.119332	0.494033	0.586136	0.163717	3.580186	0.000534	0.006369	1
ENSG0000	mucosal h	Inflamed	SPIB	protein_cc chr19	50922195	50934570	+	4281	1536.511	0	1.042136	0.291105	3.579932	0.000534	0.006372	1
ENSG0000	mucosal h	Inflamed	SPATA25	protein_cc chr20	44515128	44516274	-	757	42.8401	0.019093	0.806677	0.225346	3.579735	0.000535	0.006373	1
ENSG0000	mucosal h	Inflamed	ARHGAP3C	protein_cc chr1	1.61E+08	1.61E+08	-	5064	3224.618	0	-0.76795	0.214533	-3.57962	0.000535	0.006373	1
ENSG0000	mucosal h	Inflamed	DEGS1	protein_cc chr1	2.24E+08	2.24E+08	+	2515	1337.604	0	-0.45612	0.127428	-3.57945	0.000535	0.006374	1
ENSG0000	mucosal h	Inflamed	GLIPR1	protein_cc chr12	75874460	75897633	+	6273	707.9547	0	-0.78828	0.220248	-3.57905	0.000536	0.006379	1
ENSG0000	mucosal h	Inflamed	NPIP7	protein_cc chr16	28467693	28481868	-	1406	7.983294	0.112172	0.693821	0.193878	3.578636	0.000537	0.006385	1
ENSG0000	mucosal h	Inflamed	TWIST1	protein_cc chr7	19060614	19157295	-	2033	121.4702	0.00716	-1.22254	0.341651	-3.57833	0.000537	0.006387	1
ENSG0000	mucosal h	Inflamed	P2RX5-TA>	protein_cc chr17	3566357	3599488	-	5905	19.56802	0.047733	-0.86653	0.242185	-3.57798	0.000538	0.006387	1
ENSG0000	mucosal h	Inflamed	RP5-1132f	pseudoger chr7	65490113	65496531	-	306	2.443914	0.46778	0.489651	0.136852	3.577962	0.000538	0.006387	1
ENSG0000	mucosal h	Inflamed	PANK1	protein_cc chr10	91342745	91405215	-	4127	726.0907	0	0.838246	0.234284	3.5779	0.000538	0.006387	1
ENSG0000	mucosal h	Inflamed	RP11-230E	antisense chr1	63154153	63176365	+	1228	14.15752	0.040573	0.739766	0.206761	3.577872	0.000538	0.006387	1
ENSG0000	mucosal h	Inflamed	RGSS5	protein_cc chr1	1.63E+08	1.63E+08	-	6812	3629.2	0	-1.05381	0.294612	-3.57694	0.00054	0.006405	1
ENSG0000	mucosal h	Inflamed	LARGE	protein_cc chr22	33558212	34318829	-	10687	1897.072	0	0.44537	0.124522	3.57663	0.00054	0.006409	1
ENSG0000	mucosal h	Inflamed	CAPG	protein_cc chr2	85621871	85645555	-	2607	3490.659	0	-0.38914	0.108811	-3.57631	0.000541	0.006412	1
ENSG0000	mucosal h	Inflamed	RP11-297f	protein_cc chr8	11655437	11660077	-	1091	11.36277	0.031026	0.603125	0.168655	3.576086	0.000541	0.006412	1
ENSG0000	mucosal h	Inflamed	RP11-384L	sense_intr chr3	32278180	32280070	-	1891	73.43675	0.004773	0.735451	0.20566	3.576049	0.000541	0.006412	1

ENSG0000	mucosal h	Inflamed	DRAM1	protein_cc	chr12	1.02E+08	1.02E+08	+	4061	1084.709	0	-0.76018	0.212629	-3.57517	0.000543	0.006429	1
ENSG0000	mucosal h	Inflamed	PCNPP5	pseudoger	chr13	48902220	48902700	-	481	1.331742	0.642005	0.416715	0.116573	3.574701	0.000544	0.006436	1
ENSG0000	mucosal h	Inflamed	ADORA1	protein_cc	chr1	2.03E+08	2.03E+08	+	4191	181.7279	0.002387	-0.77613	0.217144	-3.57425	0.000545	0.006443	1
ENSG0000	mucosal h	Inflamed	FAM171A1	protein_cc	chr10	15253642	15413061	-	3955	3249.477	0	0.467371	0.130768	3.574058	0.000545	0.006444	1
ENSG0000	mucosal h	Inflamed	HAS1	protein_cc	chr19	52216365	52227247	-	2241	71.40095	0.109785	-1.57621	0.44109	-3.57343	0.000546	0.006455	1
ENSG0000	mucosal h	Inflamed	P2RY1	protein_cc	chr3	1.53E+08	1.53E+08	+	3106	390.6086	0.002387	1.128275	0.315792	3.57284	0.000547	0.006465	1
ENSG0000	mucosal h	Inflamed	03-Sep	protein_cc	chr22	42372276	42394225	+	5427	63.66587	0.00716	-0.77487	0.216914	-3.57226	0.000548	0.006474	1
ENSG0000	mucosal h	Inflamed	RP4-550H1	lincRNA	chr20	34660363	34673182	+	682	1.527446	0.584726	0.471116	0.131885	3.57218	0.000549	0.006474	1
ENSG0000	mucosal h	Inflamed	ARHGEF10	protein_cc	chr1	17866330	18024369	+	7847	4622.119	0	0.49978	0.13994	3.571373	0.00055	0.006486	1
ENSG0000	mucosal h	Inflamed	RP11-245J	antisense	chr3	64005184	64005601	+	418	3.178998	0.341289	0.614166	0.17197	3.571354	0.00055	0.006486	1
ENSG0000	mucosal h	Inflamed	SPON1	processed	chr11	13983914	14289646	+	5639	4792.737	0	0.775304	0.217104	3.571114	0.000551	0.006488	1
ENSG0000	mucosal h	Inflamed	CTC-429P5	sense_intr	chr19	16744614	16746080	-	1467	232.6921	0	0.555045	0.155472	3.570053	0.000553	0.006509	1
ENSG0000	mucosal h	Inflamed	RP11-4667	sense_intr	chr17	30839887	30846368	-	420	3.093079	0.293556	0.589043	0.165002	3.56992	0.000553	0.006509	1
ENSG0000	mucosal h	Inflamed	RP11-761E	lincRNA	chrX	1.15E+08	1.15E+08	-	2079	5.914081	0.126492	0.58772	0.164671	3.569055	0.000554	0.006525	1
ENSG0000	mucosal h	Inflamed	RNF112	protein_cc	chr17	19314438	19320589	+	3652	133.7088	0.004773	0.798774	0.223836	3.568569	0.000555	0.006532	1
ENSG0000	mucosal h	Inflamed	CTD-2611C	sense_intr	chr19	56220176	56220486	+	311	8.863962	0.121718	0.793424	0.222343	3.568475	0.000556	0.006532	1
ENSG0000	mucosal h	Inflamed	PDK4	protein_cc	chr7	95212811	95225803	-	4519	1737.038	0	0.928573	0.260251	3.567997	0.000556	0.006539	1
ENSG0000	mucosal h	Inflamed	KIAA1324	protein_cc	chr1	1.1E+08	1.1E+08	+	9298	7087.931	0	0.879883	0.246666	3.567102	0.000558	0.006556	1
ENSG0000	mucosal h	Inflamed	APLNR	protein_cc	chr11	57001051	57004709	-	3659	2261.489	0	-0.9154	0.256654	-3.56668	0.000559	0.006563	1
ENSG0000	mucosal h	Inflamed	KLRG2	protein_cc	chr7	1.39E+08	1.39E+08	-	2197	5.002387	0.484487	1.138375	0.319186	3.566497	0.000559	0.006564	1
ENSG0000	mucosal h	Inflamed	FAM174B	protein_cc	chr15	93160673	93353114	-	4657	786.5561	0	0.369335	0.103582	3.565619	0.000561	0.00658	1
ENSG0000	mucosal h	Inflamed	RP4-813F1	lincRNA	chr7	1.41E+08	1.41E+08	-	2240	31.42005	0.019093	0.723917	0.203102	3.564308	0.000563	0.006606	1
ENSG0000	mucosal h	Inflamed	RP11-240E	pseudoger	chr9	1.11E+08	1.11E+08	+	380	1.568019	0.661098	0.48097	0.134968	3.563572	0.000565	0.006618	1
ENSG0000	mucosal h	Inflamed	SLC36A1	protein_cc	chr5	1.51E+08	1.51E+08	+	6980	3069.685	0	0.64517	0.181052	3.563444	0.000565	0.006618	1
ENSG0000	mucosal h	Inflamed	RP3-462E2	lincRNA	chr12	1.12E+08	1.12E+08	+	571	29.61337	0.033413	0.96582	0.271047	3.563287	0.000565	0.006618	1
ENSG0000	mucosal h	Inflamed	TMEM208	protein_cc	chr16	67261006	67263181	+	1787	915.9021	0	-0.41998	0.117863	-3.56328	0.000565	0.006618	1
ENSG0000	mucosal h	Inflamed	ZCCHC14	protein_cc	chr16	87439852	87525651	-	7390	2173.816	0	0.613283	0.17215	3.562488	0.000567	0.006632	1
ENSG0000	mucosal h	Inflamed	CACNB3	protein_cc	chr12	49207577	49222724	+	7153	1438.85	0	0.393731	0.110541	3.561857	0.000568	0.006644	1
ENSG0000	mucosal h	Inflamed	YIF1B	protein_cc	chr19	38795753	38807913	-	3184	1170.442	0	-0.40446	0.113583	-3.56092	0.00057	0.006662	1
ENSG0000	mucosal h	Inflamed	AC147651	lincRNA	chr7	560028	564869	+	3506	38.46539	0.002387	0.79837	0.224219	3.560662	0.00057	0.006663	1
ENSG0000	mucosal h	Inflamed	RP11-223I	sense_ove	chr2	2.32E+08	2.32E+08	+	598	21.01432	0.033413	0.906546	0.254621	3.560366	0.000571	0.006663	1
ENSG0000	mucosal h	Inflamed	RETN	protein_cc	chr19	7733930	7735334	+	514	5.023866	0.439141	-0.99648	0.279898	-3.56015	0.000571	0.006663	1
ENSG0000	mucosal h	Inflamed	MT-CO2	protein_cc	chrM	7586	8269	+	684	850853.2	0	0.505816	0.142078	3.560129	0.000571	0.006663	1
ENSG0000	mucosal h	Inflamed	FAM124A	protein_cc	chr13	51796503	51858377	+	5288	134.8735	0	-0.82529	0.231817	-3.56008	0.000571	0.006663	1
ENSG0000	mucosal h	Inflamed	AC016831	lincRNA	chr7	1.31E+08	1.31E+08	+	1616	50.53938	0	0.866812	0.243484	3.560041	0.000572	0.006663	1
ENSG0000	mucosal h	Inflamed	CCDC102A	protein_cc	chr16	57546090	57570511	-	2582	262.6301	0	-0.77923	0.218893	-3.55987	0.000572	0.006663	1
ENSG0000	mucosal h	Inflamed	CTC-251D1	antisense	chr5	1.51E+08	1.51E+08	+	3317	34.84726	0.033413	0.921632	0.2589	3.5598	0.000572	0.006663	1
ENSG0000	mucosal h	Inflamed	RAB34	protein_cc	chr17	27041299	27045447	-	3328	789.7422	0	-0.6937	0.194897	-3.55929	0.000573	0.006672	1
ENSG0000	mucosal h	Inflamed	KCNC1	protein_cc	chr11	17756359	17804602	+	9842	13.84487	0.083532	0.967129	0.271731	3.559139	0.000573	0.006672	1
ENSG0000	mucosal h	Inflamed	EVI2A	protein_cc	chr17	29644578	29648902	-	2071	216.2482	0	-0.74602	0.209673	-3.55801	0.000575	0.006694	1

ENSG0000	mucosal h	Inflamed	INHBA	protein_cc chr7	41724712	41742706	-	7532	410.969	0.016706	-1.79791	0.505329	-3.5579	0.000576	0.006694	1
ENSG0000	mucosal h	Inflamed	GAREM	protein_cc chr18	29704840	30050447	-	7568	1167.604	0	0.614112	0.17262	3.55759	0.000576	0.006698	1
ENSG0000	mucosal h	Inflamed	GCKR	protein_cc chr2	27719709	27746554	+	3149	15.31981	0.112172	-0.94131	0.264699	-3.55614	0.000579	0.006726	1
ENSG0000	mucosal h	Inflamed	GATA1	protein_cc chrX	48644962	48652716	+	1498	28.6969	0.009547	-0.78065	0.219524	-3.55611	0.000579	0.006726	1
ENSG0000	mucosal h	Inflamed	AP000439	lincRNA chr11	69291901	69294708	-	726	283.4893	0.009547	1.052939	0.296104	3.55598	0.000579	0.006726	1
ENSG0000	mucosal h	Inflamed	MT-TA	Mt_tRNA chrM	5587	5655	-	69	6.608592	0.126492	0.629003	0.176918	3.555341	0.000581	0.006737	1
ENSG0000	mucosal h	Inflamed	CYP2S1	protein_cc chr19	41698954	41713444	+	2874	3179.609	0	0.816428	0.229667	3.554826	0.000582	0.006744	1
ENSG0000	mucosal h	Inflamed	SERPINB4	protein_cc chr18	61304493	61311532	-	2013	44.95465	0.484487	-2.06249	0.580204	-3.55477	0.000582	0.006744	1
ENSG0000	mucosal h	Inflamed	TPSG1	protein_cc chr16	1271651	1275257	-	1255	967.1933	0	1.008754	0.283789	3.554597	0.000582	0.006745	1
ENSG0000	mucosal h	Inflamed	SGSM1	protein_cc chr22	25202236	25323545	+	8507	176.7041	0.002387	0.791474	0.222678	3.554342	0.000583	0.006747	1
ENSG0000	mucosal h	Inflamed	RP11-1084	antisense chr8	1.1E+08	1.1E+08	-	890	5.980907	0.295943	-0.84279	0.237123	-3.55424	0.000583	0.006747	1
ENSG0000	mucosal h	Inflamed	ZNF503-A5	lincRNA chr10	77029577	77133258	+	3272	101.0621	0	0.815216	0.229385	3.553919	0.000583	0.006752	1
ENSG0000	mucosal h	Inflamed	ANO10	protein_cc chr3	43396351	43733086	-	5287	2104	0	0.4036	0.113569	3.553793	0.000584	0.006752	1
ENSG0000	mucosal h	Inflamed	RP11-1691	antisense chr11	72295616	72299023	+	664	10.27924	0.076372	-0.72887	0.205152	-3.55282	0.000586	0.006771	1
ENSG0000	mucosal h	Inflamed	IRF2BP2	protein_cc chr1	2.35E+08	2.35E+08	-	4724	6213.501	0	0.398488	0.11219	3.551893	0.000587	0.006788	1
ENSG0000	mucosal h	Inflamed	RP11-4341	pseudoger chr17	20458284	20462723	-	739	1.064439	0.74463	0.415222	0.116905	3.551799	0.000588	0.006788	1
ENSG0000	mucosal h	Inflamed	PFKFB3	protein_cc chr10	6186881	6277495	+	5534	5324.506	0	-0.99171	0.279243	-3.55144	0.000588	0.006793	1
ENSG0000	mucosal h	Inflamed	INPP5J	protein_cc chr22	31518717	31530682	+	4822	937.1838	0	0.935952	0.263581	3.550913	0.000589	0.006801	1
ENSG0000	mucosal h	Inflamed	RP11-5881	antisense chr12	70861860	70932859	+	2407	18.01193	0.047733	-0.8837	0.248868	-3.55086	0.00059	0.006801	1
ENSG0000	mucosal h	Inflamed	AC022532	protein_cc chr10	72194585	72196314	+	1730	8.367542	0.093079	0.645275	0.181741	3.550518	0.00059	0.006805	1
ENSG0000	mucosal h	Inflamed	SCP2	protein_cc chr1	53392901	53517375	+	8305	4876.172	0	0.533513	0.150288	3.549936	0.000591	0.006816	1
ENSG0000	mucosal h	Inflamed	STC1	protein_cc chr8	23699428	23712320	-	4149	723.8377	0.004773	-1.73093	0.487673	-3.54936	0.000593	0.006826	1
ENSG0000	mucosal h	Inflamed	LFNG	protein_cc chr7	2552163	2568811	+	3372	2519.126	0	0.442768	0.124754	3.549121	0.000593	0.006829	1
ENSG0000	mucosal h	Inflamed	CD207	protein_cc chr2	71057347	71062952	-	1867	41.24344	0.02148	0.994119	0.280155	3.548464	0.000594	0.006841	1
ENSG0000	mucosal h	Inflamed	RP11-8091	antisense chr8	1.42E+08	1.42E+08	-	807	32.74702	0	-0.60421	0.170285	-3.54825	0.000595	0.006843	1
ENSG0000	mucosal h	Inflamed	MACROD2	protein_cc chr20	13976015	16033842	+	11342	50.6253	0.019093	0.883723	0.249076	3.548004	0.000595	0.006845	1
ENSG0000	mucosal h	Inflamed	MMP28	protein_cc chr17	34083268	34122711	-	3181	1821.632	0	0.827672	0.233339	3.547078	0.000597	0.006864	1
ENSG0000	mucosal h	Inflamed	SLC29A4	protein_cc chr7	5314000	5346501	+	5811	353.8663	0	0.678219	0.191245	3.546342	0.000599	0.006878	1
ENSG0000	mucosal h	Inflamed	TMEM200	protein_cc chr18	5882071	5895954	-	10638	111.1289	0.01432	-0.92277	0.260259	-3.5456	0.0006	0.006891	1
ENSG0000	mucosal h	Inflamed	HLA-DPB1	protein_cc chr6	33043703	33054978	+	2862	7398.523	0	-0.60318	0.170124	-3.54552	0.0006	0.006891	1
ENSG0000	mucosal h	Inflamed	HYI-AS1	antisense chr1	43919598	43922666	+	545	7.847255	0.050119	0.559177	0.157735	3.54505	0.000601	0.006898	1
ENSG0000	mucosal h	Inflamed	MAFA	protein_cc chr8	1.45E+08	1.45E+08	-	2504	8.861575	0.152745	0.880709	0.248441	3.544951	0.000601	0.006898	1
ENSG0000	mucosal h	Inflamed	RP11-7681	antisense chr4	1.54E+08	1.54E+08	+	2371	11.06921	0.114558	-0.95356	0.26901	-3.5447	0.000602	0.006898	1
ENSG0000	mucosal h	Inflamed	AC112721	protein_cc chr2	2.38E+08	2.38E+08	-	588	1.856802	0.591885	-0.60666	0.171147	-3.54467	0.000602	0.006898	1
ENSG0000	mucosal h	Inflamed	TCP10	protein_cc chr6	1.68E+08	1.68E+08	-	7695	1.890215	0.613365	0.535875	0.151191	3.544367	0.000603	0.006902	1
ENSG0000	mucosal h	Inflamed	RP11-3171	lincRNA chr1	1.83E+08	1.83E+08	+	1376	4.813842	0.207637	-0.7477	0.210999	-3.54361	0.000604	0.006915	1
ENSG0000	mucosal h	Inflamed	RP11-10A1	lincRNA chr8	9046521	9060364	+	875	8.183771	0.422434	-1.15312	0.325412	-3.54356	0.000604	0.006915	1
ENSG0000	mucosal h	Inflamed	A4GALT	protein_cc chr22	43088127	43117304	-	2943	662.8687	0	-0.84578	0.238737	-3.54274	0.000606	0.006931	1
ENSG0000	mucosal h	Inflamed	THNSL1	protein_cc chr10	25305587	25315593	+	3788	148.5298	0	0.609638	0.172156	3.541201	0.000609	0.006964	1
ENSG0000	mucosal h	Inflamed	OSMR	protein_cc chr5	38845960	38945698	+	7174	1785.735	0	-1.00178	0.282926	-3.54078	0.00061	0.006968	1

ENSG0000	mucosal h	Inflamed	MSX2	protein_cc chr5	1.74E+08	1.74E+08	+	2270	89.27446	0	-0.9154	0.258531	-3.54078	0.00061	0.006968	1
ENSG0000	mucosal h	Inflamed	SLC37A4	protein_cc chr11	1.19E+08	1.19E+08	-	6186	1933.112	0	0.387453	0.109452	3.539952	0.000612	0.006984	1
ENSG0000	mucosal h	Inflamed	COQ7	protein_cc chr16	19078921	19091417	+	4120	697.2363	0	0.389821	0.11013	3.539637	0.000612	0.006989	1
ENSG0000	mucosal h	Inflamed	MCMDC2	protein_cc chr8	67782984	67834283	+	6354	19.50597	0.038186	0.79858	0.225631	3.539322	0.000613	0.006993	1
ENSG0000	mucosal h	Inflamed	CTD-2008F	lincRNA chr17	26559616	26562307	-	2692	12.32936	0.174224	0.874232	0.24712	3.537678	0.000616	0.007029	1
ENSG0000	mucosal h	Inflamed	CCDC167	protein_cc chr6	37450696	37467698	-	619	296.3389	0	-0.59268	0.167545	-3.53745	0.000617	0.007029	1
ENSG0000	mucosal h	Inflamed	TNF	protein_cc chr6	31543344	31546113	+	1676	253.4057	0	-0.85968	0.243024	-3.53741	0.000617	0.007029	1
ENSG0000	mucosal h	Inflamed	HHIPL2	protein_cc chr1	2.23E+08	2.23E+08	-	3287	11.49642	0.071599	0.789543	0.223216	3.537117	0.000617	0.007033	1
ENSG0000	mucosal h	Inflamed	EPB41L4B	protein_cc chr9	1.12E+08	1.12E+08	-	7879	4696.857	0	1.077711	0.304698	3.536987	0.000618	0.007033	1
ENSG0000	mucosal h	Inflamed	AC093642	lincRNA chr2	2.43E+08	2.43E+08	+	2854	117.5394	0.004773	1.180332	0.333931	3.534655	0.000623	0.007085	1
ENSG0000	mucosal h	Inflamed	RMND5A	protein_cc chr2	86947296	87005164	+	6804	2806.48	0	0.694806	0.196579	3.534481	0.000623	0.007086	1
ENSG0000	mucosal h	Inflamed	ABAT	protein_cc chr16	8768422	8878432	+	9744	1102.709	0	0.666813	0.18869	3.533905	0.000624	0.007093	1
ENSG0000	mucosal h	Inflamed	FAM110C	protein_cc chr2	38814	46870	-	3968	873.3317	0	0.86874	0.245831	3.533894	0.000624	0.007093	1
ENSG0000	mucosal h	Inflamed	KPTN	protein_cc chr19	47978401	47987525	-	2124	215.8759	0	-0.29245	0.082759	-3.53376	0.000624	0.007093	1
ENSG0000	mucosal h	Inflamed	CYP4F12	protein_cc chr19	15783567	15807984	+	5351	2043.845	0	1.017772	0.28802	3.533681	0.000625	0.007093	1
ENSG0000	mucosal h	Inflamed	CNTN3	protein_cc chr3	74311719	74570291	-	5109	110.599	0.088305	1.482836	0.419763	3.53256	0.000627	0.007117	1
ENSG0000	mucosal h	Inflamed	XXbac-B46	processed_chr22	18270418	18294263	-	4328	12.36277	0.090692	0.798431	0.226059	3.531955	0.000628	0.007128	1
ENSG0000	mucosal h	Inflamed	GRHL3	protein_cc chr1	24645812	24690972	+	3940	87.02387	0.016706	-1.22466	0.346823	-3.53109	0.00063	0.007145	1
ENSG0000	mucosal h	Inflamed	GRIN3B	protein_cc chr19	1000418	1009731	+	3281	4.465394	0.267303	-0.71554	0.202669	-3.53057	0.000631	0.007153	1
ENSG0000	mucosal h	Inflamed	TMEM9B	protein_cc chr11	8968841	8986558	-	3064	2067.239	0	0.408108	0.115594	3.530532	0.000631	0.007153	1
ENSG0000	mucosal h	Inflamed	ATF4	protein_cc chr22	39915700	39918691	+	2515	10135.8	0	-0.33165	0.093951	-3.53	0.000632	0.007162	1
ENSG0000	mucosal h	Inflamed	RP13-494C	lincRNA chr4	25866503	25871172	-	762	1.852029	0.577566	-0.56835	0.161025	-3.52959	0.000633	0.007164	1
ENSG0000	mucosal h	Inflamed	CCDC134	protein_cc chr22	42196683	42222303	+	1270	231.3484	0	-0.34996	0.099155	-3.52942	0.000634	0.007164	1
ENSG0000	mucosal h	Inflamed	LGALS1	protein_cc chr2	64681103	64688515	+	4003	1109.031	0	0.626793	0.177595	3.52933	0.000634	0.007164	1
ENSG0000	mucosal h	Inflamed	ATOX1	protein_cc chr5	1.51E+08	1.51E+08	-	5239	947	0	-0.40297	0.114183	-3.52919	0.000634	0.007164	1
ENSG0000	mucosal h	Inflamed	MCOLN2	protein_cc chr1	85391268	85462796	-	3440	463.2673	0.002387	0.920993	0.260965	3.529186	0.000634	0.007164	1
ENSG0000	mucosal h	Inflamed	TGFB1	protein_cc chr19	41807492	41859816	-	3238	3113.365	0	-0.73956	0.209562	-3.52908	0.000634	0.007164	1
ENSG0000	mucosal h	Inflamed	GNG11	protein_cc chr7	93551011	93557922	+	3055	617.4153	0	-0.76305	0.216221	-3.52905	0.000634	0.007164	1
ENSG0000	mucosal h	Inflamed	CD93	protein_cc chr20	23059986	23066977	-	6708	4800.926	0	-0.86036	0.243909	-3.5274	0.000638	0.0072	1
ENSG0000	mucosal h	Inflamed	COQ9	protein_cc chr16	57481337	57495187	+	4324	2032.628	0	0.366487	0.103911	3.526933	0.000639	0.007209	1
ENSG0000	mucosal h	Inflamed	NEK3	protein_cc chr13	52706775	52733996	-	4272	731.6874	0	0.714489	0.202684	3.525129	0.000643	0.007249	1
ENSG0000	mucosal h	Inflamed	FAM89A	protein_cc chr1	2.31E+08	2.31E+08	-	2394	120.9284	0	-0.64666	0.183488	-3.52427	0.000645	0.007267	1
ENSG0000	mucosal h	Inflamed	C16orf54	protein_cc chr16	29753784	29757327	-	2585	606.716	0	-0.70984	0.201434	-3.52395	0.000645	0.00727	1
ENSG0000	mucosal h	Inflamed	DKK1	protein_cc chr10	54074056	54077802	+	2206	36.27924	0.059666	-1.44554	0.41021	-3.5239	0.000645	0.00727	1
ENSG0000	mucosal h	Inflamed	PCK2	protein_cc chr14	24563262	24579807	+	4189	4324.537	0	0.542906	0.154086	3.523394	0.000646	0.007277	1
ENSG0000	mucosal h	Inflamed	RP11-1101	antisense chr5	1.77E+08	1.77E+08	+	431	2.093079	0.5179	0.585582	0.166203	3.523284	0.000647	0.007277	1
ENSG0000	mucosal h	Inflamed	RP11-83N	lincRNA chr9	1.39E+08	1.39E+08	-	1334	18.99284	0.004773	0.522736	0.14837	3.523204	0.000647	0.007277	1
ENSG0000	mucosal h	Inflamed	AC078883	antisense chr2	1.73E+08	1.73E+08	-	558	10.79236	0.042959	0.646483	0.18353	3.5225	0.000648	0.007291	1
ENSG0000	mucosal h	Inflamed	ATP8B3	protein_cc chr19	1782074	1812275	-	7011	65.96659	0.004773	-0.63709	0.180896	-3.52188	0.00065	0.007303	1
ENSG0000	mucosal h	Inflamed	TRIM10	protein_cc chr6	30119722	30128711	-	3546	304.9952	0.00716	0.940261	0.266992	3.521678	0.00065	0.007305	1

ENSG0000	mucosal h	Inflamed	TSC22D1	protein_cc	chr13	45007655	45151283	-	7159	9495.809	0	0.474991	0.134912	3.52074	0.000652	0.007325	1
ENSG0000	mucosal h	Inflamed	KLK8	protein_cc	chr19	51499263	51505967	-	1865	32.44391	0.599045	-1.82686	0.518932	-3.52041	0.000653	0.00733	1
ENSG0000	mucosal h	Inflamed	MPV17L2	protein_cc	chr19	18303992	18307758	+	2135	455.9666	0	-0.34034	0.096686	-3.52004	0.000654	0.007336	1
ENSG0000	mucosal h	Inflamed	RP11-38P2	lincRNA	chr3	1.53E+08	1.53E+08	+	2050	202.9427	0.004773	1.170007	0.332448	3.519373	0.000655	0.007349	1
ENSG0000	mucosal h	Inflamed	U82695.1C	lincRNA	chrX	1.53E+08	1.53E+08	+	2725	57.50597	0.009547	-0.75371	0.21417	-3.51922	0.000656	0.00735	1
ENSG0000	mucosal h	Inflamed	CPA4	protein_cc	chr7	1.3E+08	1.3E+08	+	3958	2.374702	0.541766	-0.71748	0.203909	-3.51865	0.000657	0.007361	1
ENSG0000	mucosal h	Inflamed	RP11-446M	lincRNA	chr12	46931285	47046333	+	448	11.58234	0.00716	-0.55948	0.159016	-3.51842	0.000657	0.007363	1
ENSG0000	mucosal h	Inflamed	IBA57	protein_cc	chr1	2.28E+08	2.28E+08	+	10219	853.6134	0	0.300882	0.085519	3.518316	0.000658	0.007363	1
ENSG0000	mucosal h	Inflamed	06-Sep	protein_cc	chrX	1.19E+08	1.19E+08	-	6553	2034.036	0	-0.65064	0.184979	-3.51739	0.00066	0.007382	1
ENSG0000	mucosal h	Inflamed	PDE4B	protein_cc	chr1	66258197	66840259	+	8641	1142.138	0	-1.05409	0.299709	-3.51704	0.00066	0.007388	1
ENSG0000	mucosal h	Inflamed	RNU4-78P	snRNA	chr3	42263332	42263457	+	126	3.536993	0.288783	0.605373	0.172163	3.516269	0.000662	0.007404	1
ENSG0000	mucosal h	Inflamed	IGHV3-65	IG_V_pseu	chr14	1.07E+08	1.07E+08	-	341	2.873508	0.613365	-0.84967	0.241669	-3.51584	0.000663	0.007407	1
ENSG0000	mucosal h	Inflamed	FUT8	protein_cc	chr14	65877310	66210839	+	6889	1356.396	0	-0.6341	0.180357	-3.51581	0.000663	0.007407	1
ENSG0000	mucosal h	Inflamed	FBXO10	protein_cc	chr9	37510889	37588871	-	6059	227.0907	0	-0.5191	0.147654	-3.51568	0.000663	0.007407	1
ENSG0000	mucosal h	Inflamed	KCNMA1	protein_cc	chr10	78629359	79398353	-	18808	1517.184	0	0.624741	0.177704	3.515619	0.000664	0.007407	1
ENSG0000	mucosal h	Inflamed	ANKDD1B	protein_cc	chr5	74907284	74967671	+	3287	115.1671	0.004773	0.932186	0.265269	3.514121	0.000667	0.007439	1
ENSG0000	mucosal h	Inflamed	ZNF233	protein_cc	chr19	44754318	44779470	+	4233	28.51074	0.023866	0.751687	0.21391	3.514034	0.000667	0.007439	1
ENSG0000	mucosal h	Inflamed	AC069213	pseudoger	chr3	1.95E+08	1.95E+08	+	1680	331.8401	0.004773	1.002092	0.285173	3.513982	0.000667	0.007439	1
ENSG0000	mucosal h	Inflamed	ZNF888	lincRNA	chr19	53418449	53426723	-	551	33.72792	0.02864	0.870015	0.247658	3.512976	0.000669	0.00746	1
ENSG0000	mucosal h	Inflamed	RN7SL67P	misc_RNA	chr12	19456414	19456710	+	297	0.789976	0.792363	0.39113	0.111352	3.512559	0.00067	0.007468	1
ENSG0000	mucosal h	Inflamed	AAMDC	protein_cc	chr11	77532155	77629478	+	1943	226.4726	0	0.358376	0.102045	3.511946	0.000672	0.00748	1
ENSG0000	mucosal h	Inflamed	RP4-728Dz	antisense	chr1	36035414	36043330	-	1030	26.73986	0.011933	-0.77397	0.220422	-3.5113	0.000673	0.007493	1
ENSG0000	mucosal h	Inflamed	RP11-390E	antisense	chr7	1.23E+08	1.23E+08	+	2099	237.179	0	0.605757	0.172569	3.510232	0.000676	0.007514	1
ENSG0000	mucosal h	Inflamed	DTX1	protein_cc	chr12	1.13E+08	1.14E+08	+	4387	490.5704	0	-0.91139	0.259646	-3.51011	0.000676	0.007514	1
ENSG0000	mucosal h	Inflamed	HNMT	protein_cc	chr2	1.39E+08	1.39E+08	+	4752	977.3532	0	0.49725	0.141668	3.509982	0.000676	0.007514	1
ENSG0000	mucosal h	Inflamed	CTD-2350C	antisense	chr17	26729128	26731067	+	1940	35.71599	0.02148	0.706127	0.201184	3.509859	0.000676	0.007514	1
ENSG0000	mucosal h	Inflamed	C2orf66	protein_cc	chr2	1.98E+08	1.98E+08	-	1669	7.073986	0.176611	0.724053	0.206294	3.509813	0.000677	0.007514	1
ENSG0000	mucosal h	Inflamed	RP11-100E	lincRNA	chr15	38276967	38354541	+	2448	6.995227	0.412888	-1.10743	0.315601	-3.50895	0.000678	0.007527	1
ENSG0000	mucosal h	Inflamed	FCRLA	protein_cc	chr1	1.62E+08	1.62E+08	+	3275	334.8831	0.002387	-1.19021	0.339194	-3.50893	0.000679	0.007527	1
ENSG0000	mucosal h	Inflamed	CTD-2540E	lincRNA	chr19	33795942	33800293	+	404	9.699284	0.085919	0.658715	0.187726	3.50891	0.000679	0.007527	1
ENSG0000	mucosal h	Inflamed	CTNNAP1	pseudoger	chr5	1.15E+08	1.15E+08	-	2728	20.20286	0.040573	0.898606	0.256118	3.508556	0.000679	0.007532	1
ENSG0000	mucosal h	Inflamed	SELM	protein_cc	chr22	31500758	31516055	-	3187	1417.453	0	-0.70251	0.200234	-3.50848	0.00068	0.007532	1
ENSG0000	mucosal h	Inflamed	ANKRD36E	pseudoger	chr2	89065324	89106126	+	8039	1058.599	0	-1.35927	0.387498	-3.50781	0.000681	0.007543	1
ENSG0000	mucosal h	Inflamed	snoU13	snoRNA	chr3	32214148	32214252	+	105	1.601432	0.591885	0.47331	0.134931	3.507792	0.000681	0.007543	1
ENSG0000	mucosal h	Inflamed	RP11-20G	lincRNA	chr15	99967214	99971233	-	395	6.186158	0.188544	0.698278	0.199129	3.506664	0.000684	0.007567	1
ENSG0000	mucosal h	Inflamed	TSPAN6	protein_cc	chrX	99883667	99894988	-	2968	1550.253	0	0.641868	0.183046	3.506597	0.000684	0.007567	1
ENSG0000	mucosal h	Inflamed	TBX21	protein_cc	chr17	45810610	45823485	+	2614	119.5537	0.009547	-0.75299	0.214788	-3.50574	0.000686	0.007585	1
ENSG0000	mucosal h	Inflamed	SAMD14	protein_cc	chr17	48187404	48207246	-	7016	214.5346	0	-0.72809	0.207716	-3.50521	0.000687	0.007595	1
ENSG0000	mucosal h	Inflamed	BTG2	protein_cc	chr1	2.03E+08	2.03E+08	+	2757	11164.23	0	-0.69522	0.198364	-3.50478	0.000688	0.007601	1
ENSG0000	mucosal h	Inflamed	SLC39A5	protein_cc	chr12	56623833	56631630	+	2903	4023.012	0	1.156958	0.330113	3.504733	0.000688	0.007601	1

ENSG0000	mucosal h	Inflamed	CDKN2C	protein_cc	chr1	51426417	51440305	+	3318	458.9332	0	-0.38609	0.110172	-3.50445	0.000689	0.007605	1
ENSG0000	mucosal h	Inflamed	YJEFN3	protein_cc	chr19	19627036	19648390	+	3683	199.8592	0.004773	0.902041	0.257419	3.50417	0.000689	0.007609	1
ENSG0000	mucosal h	Inflamed	KTI12	protein_cc	chr1	52497775	52499488	-	1714	313.4582	0	-0.24904	0.07108	-3.50364	0.000691	0.007619	1
ENSG0000	mucosal h	Inflamed	RP11-362L	sense_intr	chr14	1.01E+08	1.01E+08	+	606	1.653938	0.553699	0.490566	0.140029	3.50332	0.000691	0.007624	1
ENSG0000	mucosal h	Inflamed	RP11-738C	pseudoger	chr11	55635045	55642013	-	1582	1.873508	0.625298	0.411286	0.117414	3.502861	0.000692	0.007629	1
ENSG0000	mucosal h	Inflamed	SGK223	protein_cc	chr8	8175258	8244008	-	4892	1724.205	0	0.687186	0.196182	3.502791	0.000693	0.007629	1
ENSG0000	mucosal h	Inflamed	LINC00974	lincRNA	chr17	39705858	39710747	-	2141	33.99761	0.045346	1.081823	0.30885	3.502744	0.000693	0.007629	1
ENSG0000	mucosal h	Inflamed	AKIP1	protein_cc	chr11	8932686	8941631	+	2300	370.5847	0	-0.29057	0.082959	-3.50257	0.000693	0.00763	1
ENSG0000	mucosal h	Inflamed	RPS6KA6	protein_cc	chrX	83318984	83442933	-	2890	110.0286	0.011933	1.111163	0.317264	3.502328	0.000694	0.007633	1
ENSG0000	mucosal h	Inflamed	ARR3	protein_cc	chrX	69488155	69501690	+	1719	3.591885	0.505967	0.717323	0.20483	3.502043	0.000694	0.007637	1
ENSG0000	mucosal h	Inflamed	RP11-439C	lincRNA	chr8	1922984	1923480	+	497	13.65394	0.062053	0.780813	0.222978	3.501751	0.000695	0.007642	1
ENSG0000	mucosal h	Inflamed	ERBB3	protein_cc	chr12	56473641	56497289	+	8651	11497.56	0	0.879392	0.251186	3.500963	0.000697	0.007659	1
ENSG0000	mucosal h	Inflamed	RP11-181I	processed_chr	10	1.04E+08	1.04E+08	+	5660	548.5442	0	0.509593	0.145572	3.500626	0.000698	0.007664	1
ENSG0000	mucosal h	Inflamed	GPR12	protein_cc	chr13	27329341	27334922	-	5294	2.658711	0.556086	0.770104	0.220009	3.500335	0.000698	0.007668	1
ENSG0000	mucosal h	Inflamed	TPTE2P5	pseudoger	chr13	41396432	41495890	-	1343	14.78282	0.054893	0.828491	0.236717	3.499924	0.000699	0.007676	1
ENSG0000	mucosal h	Inflamed	GBGT1	protein_cc	chr9	1.36E+08	1.36E+08	-	3708	292.1575	0	-0.5112	0.146067	-3.49972	0.0007	0.007678	1
ENSG0000	mucosal h	Inflamed	RP11-807I	pseudoger	chr11	71883483	71889086	+	829	4.205251	0.315036	0.698657	0.199669	3.499073	0.000701	0.007691	1
ENSG0000	mucosal h	Inflamed	AC011747	lincRNA	chr2	8683722	8715631	-	1036	12.31981	0.064439	0.801081	0.228961	3.498761	0.000702	0.007696	1
ENSG0000	mucosal h	Inflamed	FAM25A	protein_cc	chr10	88780063	88784487	+	345	2.386635	0.708831	-0.92539	0.264553	-3.49795	0.000704	0.007713	1
ENSG0000	mucosal h	Inflamed	EXD3	protein_cc	chr9	1.4E+08	1.4E+08	-	7626	898.6683	0	0.426961	0.122072	3.49762	0.000705	0.007719	1
ENSG0000	mucosal h	Inflamed	MAMDC2	protein_cc	chr9	72658497	72841886	+	3854	289.8878	0.009547	1.28798	0.368265	3.497428	0.000705	0.00772	1
ENSG0000	mucosal h	Inflamed	BDH1	protein_cc	chr3	1.97E+08	1.97E+08	-	9112	3890.358	0	0.712304	0.20368	3.497169	0.000706	0.007724	1
ENSG0000	mucosal h	Inflamed	RP1-278O	lincRNA	chr20	10733738	10734614	+	438	60.84487	0.011933	0.937798	0.268345	3.49475	0.000711	0.007783	1
ENSG0000	mucosal h	Inflamed	CTD-2616J	protein_cc	chr19	51891543	51893828	-	1447	3.868735	0.260143	-0.57335	0.164106	-3.49379	0.000714	0.007805	1
ENSG0000	mucosal h	Inflamed	HLA-DQA1	protein_cc	chr6	32595956	32614839	+	6927	3690.16	0	-0.71912	0.205953	-3.49166	0.000719	0.007857	1
ENSG0000	mucosal h	Inflamed	MICAL3	protein_cc	chr22	18270415	18507325	-	22361	2615.687	0	0.667951	0.191313	3.491401	0.000719	0.007861	1
ENSG0000	mucosal h	Inflamed	MYBPC1	protein_cc	chr12	1.02E+08	1.02E+08	+	7385	31.71599	0.059666	1.397324	0.400236	3.491247	0.00072	0.007861	1
ENSG0000	mucosal h	Inflamed	STEAP4	protein_cc	chr7	87905744	87936206	-	5708	462.6468	0.004773	-1.18539	0.339616	-3.49039	0.000722	0.007878	1
ENSG0000	mucosal h	Inflamed	HOXA3	protein_cc	chr7	27145803	27192200	-	4306	551.6945	0	0.788903	0.226024	3.490345	0.000722	0.007878	1
ENSG0000	mucosal h	Inflamed	CCDC109B	protein_cc	chr4	1.1E+08	1.11E+08	+	3558	421.2339	0	-0.57681	0.165285	-3.48977	0.000723	0.007887	1
ENSG0000	mucosal h	Inflamed	RP11-48B	lincRNA	chr8	81453535	81455339	+	1805	22.36038	0.038186	0.96725	0.277168	3.48976	0.000723	0.007887	1
ENSG0000	mucosal h	Inflamed	FGF17	protein_cc	chr8	21899909	21906320	+	3287	6.01432	0.178998	0.679675	0.194778	3.489491	0.000724	0.007891	1
ENSG0000	mucosal h	Inflamed	ISL1	protein_cc	chr5	50678921	50690564	+	3216	63.42482	0.00716	0.996394	0.285588	3.488925	0.000725	0.007903	1
ENSG0000	mucosal h	Inflamed	CACNA1D	protein_cc	chr3	53528683	53847760	+	11218	398.7064	0	0.863898	0.247636	3.488582	0.000726	0.007908	1
ENSG0000	mucosal h	Inflamed	LUZP2	protein_cc	chr11	24518516	25104150	+	8795	25.06921	0.109785	1.062663	0.304648	3.488171	0.000727	0.007916	1
ENSG0000	mucosal h	Inflamed	ADAMTS1	protein_cc	chr15	1.01E+08	1.01E+08	-	7800	157.6778	0.002387	0.562568	0.161287	3.487989	0.000728	0.007916	1
ENSG0000	mucosal h	Inflamed	IGHVII-60-	IG_V_pseu	chr14	1.07E+08	1.07E+08	-	256	1.558473	0.618138	-0.54164	0.155291	-3.48793	0.000728	0.007916	1
ENSG0000	mucosal h	Inflamed	RP11-760I	lincRNA	chr8	1.21E+08	1.21E+08	+	752	27.79475	0.0358	0.787958	0.225926	3.487678	0.000728	0.007919	1
ENSG0000	mucosal h	Inflamed	AC083949	antisense	chr2	42370378	42397441	-	947	10.81623	0.076372	-0.79162	0.226998	-3.48736	0.000729	0.007924	1
ENSG0000	mucosal h	Inflamed	AC012146	processed_chr	17	5014763	5017674	+	856	41.2506	0	-0.632	0.181244	-3.48701	0.00073	0.00793	1

ENSG0000	mucosal h	Inflamed	ST8SIA4	protein_cc	chr5	1E+08	1E+08	-	7794	507.1098	0	-0.83665	0.239972	-3.48645	0.000731	0.007942	1
ENSG0000	mucosal h	Inflamed	CELA1	protein_cc	chr12	51722227	51740463	-	952	2.486874	0.448687	-0.5382	0.154381	-3.4862	0.000732	0.007945	1
ENSG0000	mucosal h	Inflamed	RP1-249H	lincRNA	chr6	1.14E+08	1.14E+08	-	2755	88.66587	0.009547	1.1249	0.322693	3.485973	0.000732	0.007948	1
ENSG0000	mucosal h	Inflamed	ANKRD27	protein_cc	chr19	33087913	33167503	-	7855	1465.955	0	0.463557	0.132987	3.485727	0.000733	0.007951	1
ENSG0000	mucosal h	Inflamed	KCNAB2	protein_cc	chr1	6051526	6161253	+	9253	1534.241	0	-0.63975	0.183582	-3.48483	0.000735	0.007971	1
ENSG0000	mucosal h	Inflamed	RP11-290F	lincRNA	chr11	6223131	6224483	-	1353	111.401	0.00716	1.215026	0.348735	3.484093	0.000737	0.007988	1
ENSG0000	mucosal h	Inflamed	RN7SL663I	misc_RNA	chr19	38690874	38691170	+	297	7.878282	0.136038	0.696108	0.199823	3.483618	0.000738	0.007997	1
ENSG0000	mucosal h	Inflamed	RP11-138A	lincRNA	chr7	1.31E+08	1.31E+08	+	3198	23.64678	0.078759	1.133351	0.325445	3.482463	0.000741	0.008024	1
ENSG0000	mucosal h	Inflamed	LEF1	protein_cc	chr4	1.09E+08	1.09E+08	-	5361	455.8616	0	-0.6656	0.191184	-3.48146	0.000744	0.008048	1
ENSG0000	mucosal h	Inflamed	AIF1	protein_cc	chr6	31582961	31584798	+	1276	1017.535	0	-0.67492	0.193926	-3.48029	0.000746	0.008076	1
ENSG0000	mucosal h	Inflamed	AD000684	sense_intr	chr19	35753749	35755707	+	1016	30.82578	0.040573	0.804541	0.231179	3.480163	0.000747	0.008076	1
ENSG0000	mucosal h	Inflamed	CTC-428G	antisense	chr5	1.15E+08	1.15E+08	+	944	21.40334	0	0.440484	0.126624	3.478679	0.00075	0.008113	1
ENSG0000	mucosal h	Inflamed	CLEC17A	protein_cc	chr19	14693896	14721969	+	2265	126.2411	0.026253	-1.32758	0.381696	-3.47809	0.000752	0.008125	1
ENSG0000	mucosal h	Inflamed	HTRA1	protein_cc	chr10	1.24E+08	1.24E+08	+	2120	1613.315	0	-0.80284	0.230877	-3.47734	0.000754	0.008142	1
ENSG0000	mucosal h	Inflamed	RP11-421E	sense_intr	chr17	49326940	49329109	-	2170	1.078759	0.75895	0.532853	0.153245	3.477121	0.000754	0.008145	1
ENSG0000	mucosal h	Inflamed	RP11-325F	lincRNA	chr7	1.05E+08	1.05E+08	+	1034	65.37232	0	-0.61335	0.176408	-3.47688	0.000755	0.008146	1
ENSG0000	mucosal h	Inflamed	RNU6-353	snRNA	chr15	43994561	43994668	+	108	1.923628	0.565632	0.516694	0.148613	3.476787	0.000755	0.008146	1
ENSG0000	mucosal h	Inflamed	TNK2-AS1	antisense	chr3	1.96E+08	1.96E+08	+	2096	9.918854	0.073986	-0.71992	0.207071	-3.47671	0.000755	0.008146	1
ENSG0000	mucosal h	Inflamed	SPON2	protein_cc	chr4	1160720	1202750	-	6013	2675.365	0	-0.78278	0.225163	-3.47649	0.000756	0.008148	1
ENSG0000	mucosal h	Inflamed	IGSF3	protein_cc	chr1	1.17E+08	1.17E+08	-	7388	2266.685	0	0.751409	0.216155	3.476242	0.000757	0.008152	1
ENSG0000	mucosal h	Inflamed	CEBPB	protein_cc	chr20	48807376	48809212	+	1837	2711.088	0	-0.85045	0.244687	-3.47566	0.000758	0.008164	1
ENSG0000	mucosal h	Inflamed	C5AR1	protein_cc	chr19	47793280	47825323	+	2951	991.5012	0	-1.10465	0.317876	-3.47509	0.000759	0.008175	1
ENSG0000	mucosal h	Inflamed	DDO	protein_cc	chr6	1.11E+08	1.11E+08	-	2130	60.52029	0	0.676566	0.194695	3.475005	0.00076	0.008175	1
ENSG0000	mucosal h	Inflamed	CYP2J2	protein_cc	chr1	60358980	60392462	-	2990	1116.943	0	0.878446	0.252851	3.474162	0.000762	0.008195	1
ENSG0000	mucosal h	Inflamed	TRPM5	protein_cc	chr11	2425745	2444275	-	3962	170.463	0.01432	1.131493	0.325699	3.474041	0.000762	0.008195	1
ENSG0000	mucosal h	Inflamed	PDGFRB	protein_cc	chr5	1.49E+08	1.5E+08	-	7137	5203.661	0	-0.95652	0.275414	-3.47305	0.000765	0.008217	1
ENSG0000	mucosal h	Inflamed	RETSAT	protein_cc	chr2	85569211	85581743	-	4264	9232.317	0	0.638457	0.183837	3.472961	0.000765	0.008217	1
ENSG0000	mucosal h	Inflamed	OR7E38P	pseudoger	chr7	97595402	97596386	-	985	128.3819	0	-0.39453	0.113614	-3.47254	0.000766	0.008225	1
ENSG0000	mucosal h	Inflamed	RP11-503E	antisense	chr8	42392672	42393447	-	708	22.03341	0.093079	1.057335	0.304545	3.471848	0.000768	0.008241	1
ENSG0000	mucosal h	Inflamed	RP11-392E	pseudoger	chr9	38543101	38543443	-	343	14.70644	0.102625	0.888135	0.255818	3.471746	0.000768	0.008241	1
ENSG0000	mucosal h	Inflamed	RP11-970	sense_intr	chr15	89045175	89049018	-	3844	57.96181	0.040573	1.123876	0.323818	3.470706	0.000771	0.008266	1
ENSG0000	mucosal h	Inflamed	RP11-462C	sense_ove	chr16	3997610	4000445	-	1394	6.446301	0.102625	0.586605	0.169023	3.470557	0.000771	0.008266	1
ENSG0000	mucosal h	Inflamed	GPR153	protein_cc	chr1	6307406	6321035	-	4082	3083.709	0	0.627196	0.180741	3.470141	0.000772	0.008273	1
ENSG0000	mucosal h	Inflamed	C11orf24	protein_cc	chr11	68028803	68039469	-	3406	3195.778	0	-0.23066	0.066471	-3.47008	0.000772	0.008273	1
ENSG0000	mucosal h	Inflamed	ALAD	protein_cc	chr9	1.16E+08	1.16E+08	-	5170	2522.73	0	0.369894	0.106608	3.469673	0.000773	0.008279	1
ENSG0000	mucosal h	Inflamed	STARD8	protein_cc	chrX	67867508	67945684	+	5558	527.6205	0	-0.74293	0.214127	-3.46959	0.000773	0.008279	1
ENSG0000	mucosal h	Inflamed	AC002511	lincRNA	chr19	35914964	35915554	-	450	41.28878	0.009547	0.928843	0.267733	3.469292	0.000774	0.008282	1
ENSG0000	mucosal h	Inflamed	DNASE2B	protein_cc	chr1	84864215	84880701	+	1476	9.720764	0.088305	0.751783	0.216698	3.469262	0.000774	0.008282	1
ENSG0000	mucosal h	Inflamed	BTBD9	protein_cc	chr6	38136227	38607924	-	9451	1551.337	0	0.450399	0.129844	3.468768	0.000776	0.008291	1
ENSG0000	mucosal h	Inflamed	TPH1	protein_cc	chr11	18039111	18063973	-	5626	342.8353	0.002387	1.412576	0.407238	3.468676	0.000776	0.008291	1

ENSG0000	mucosal h	Inflamed	PSPN	protein_cc	chr19	6375159	6379069	-	3911	181.4439	0	0.375312	0.108207	3.468454	0.000776	0.008294	1
ENSG0000	mucosal h	Inflamed	SEPHS2	protein_cc	chr16	30454952	30457502	-	2551	4207.959	0	0.427941	0.123418	3.467419	0.000779	0.008319	1
ENSG0000	mucosal h	Inflamed	GJD4	protein_cc	chr10	35894338	35897863	+	1580	1.031026	0.742243	0.387633	0.111815	3.466724	0.000781	0.008335	1
ENSG0000	mucosal h	Inflamed	04-Mar	protein_cc	chr2	2.17E+08	2.17E+08	-	4447	25.15274	0.038186	1.009531	0.291238	3.466345	0.000782	0.008342	1
ENSG0000	mucosal h	Inflamed	MMEL1	protein_cc	chr1	2522078	2564481	-	3896	131.8305	0	0.585639	0.168965	3.466027	0.000783	0.008347	1
ENSG0000	mucosal h	Inflamed	CNNM4	protein_cc	chr2	97426639	97477628	+	5198	9152.072	0	0.727523	0.209946	3.465284	0.000785	0.008364	1
ENSG0000	mucosal h	Inflamed	GLCCI1	protein_cc	chr7	8008425	8133902	+	6885	1112.389	0	-0.89529	0.258381	-3.46498	0.000785	0.008369	1
ENSG0000	mucosal h	Inflamed	TTC6	protein_cc	chr14	38065052	38510647	+	8418	26.46778	0.040573	0.847425	0.244589	3.464694	0.000786	0.008373	1
ENSG0000	mucosal h	Inflamed	GTSF1	protein_cc	chr12	54849734	54867386	-	2524	21.24582	0.01432	-0.74808	0.215926	-3.4645	0.000787	0.008373	1
ENSG0000	mucosal h	Inflamed	SIGLEC5	protein_cc	chr19	52114781	52150151	-	3319	41.52983	0.038186	-1.2148	0.350646	-3.46448	0.000787	0.008373	1
ENSG0000	mucosal h	Inflamed	DCST2	protein_cc	chr1	1.55E+08	1.55E+08	-	3071	53.87589	0.004773	0.828376	0.239146	3.463892	0.000788	0.008386	1
ENSG0000	mucosal h	Inflamed	MILR1	protein_cc	chr17	62461569	62464760	+	920	72.11933	0	-0.63317	0.182804	-3.46364	0.000789	0.00839	1
ENSG0000	mucosal h	Inflamed	CPT1C	protein_cc	chr19	50194155	50216988	+	5864	96.06444	0.002387	-0.90383	0.260972	-3.46334	0.00079	0.008394	1
ENSG0000	mucosal h	Inflamed	RALGPS1	protein_cc	chr9	1.3E+08	1.3E+08	+	10507	1377.26	0	0.594805	0.171775	3.462702	0.000791	0.008406	1
ENSG0000	mucosal h	Inflamed	PPARG	protein_cc	chr3	12328867	12475855	+	4046	1882.053	0	0.691504	0.199701	3.462688	0.000791	0.008406	1
ENSG0000	mucosal h	Inflamed	FAM161B	protein_cc	chr14	74398204	74417117	-	5056	218.8926	0	0.575166	0.166115	3.462452	0.000792	0.008409	1
ENSG0000	mucosal h	Inflamed	HUNK	protein_cc	chr21	33245628	33416946	+	8294	562.5394	0	0.714194	0.206322	3.461556	0.000794	0.008431	1
ENSG0000	mucosal h	Inflamed	EPN3	protein_cc	chr17	48609904	48621111	+	4642	1389.728	0.004773	1.05514	0.30483	3.461401	0.000795	0.008432	1
ENSG0000	mucosal h	Inflamed	BRPF3	protein_cc	chr6	36164521	36200567	+	6618	4837.955	0	0.461117	0.13323	3.461066	0.000796	0.008437	1
ENSG0000	mucosal h	Inflamed	FGF9	protein_cc	chr13	22245522	22278637	+	4539	62.41766	0.019093	1.089982	0.314975	3.460537	0.000797	0.008449	1
ENSG0000	mucosal h	Inflamed	ADPRH	protein_cc	chr3	1.19E+08	1.19E+08	+	4615	482.9594	0	-0.64064	0.185143	-3.46025	0.000798	0.008453	1
ENSG0000	mucosal h	Inflamed	C17orf107	protein_cc	chr17	4802713	4806227	+	3408	181.6539	0	-0.61872	0.178815	-3.46013	0.000798	0.008453	1
ENSG0000	mucosal h	Inflamed	EMILIN2	protein_cc	chr18	2847028	2915991	+	6435	1562.117	0	-0.66323	0.19171	-3.45955	0.0008	0.008466	1
ENSG0000	mucosal h	Inflamed	IL17RB	protein_cc	chr3	53880607	53899827	+	3038	483.494	0	0.80018	0.231306	3.459404	0.0008	0.008467	1
ENSG0000	mucosal h	Inflamed	TAPBP	protein_cc	chr6	33267471	33282164	-	5056	15218.88	0	-0.39287	0.113578	-3.45903	0.000801	0.008471	1
ENSG0000	mucosal h	Inflamed	P2RX5	protein_cc	chr17	3575493	3599698	-	4190	344.4821	0	-1.04722	0.302751	-3.45903	0.000801	0.008471	1
ENSG0000	mucosal h	Inflamed	INSR	protein_cc	chr19	7112266	7294045	-	10451	3959.129	0	0.475448	0.137477	3.458388	0.000803	0.00848	1
ENSG0000	mucosal h	Inflamed	CTC-459F4	lincRNA	chr19	28284371	28409771	+	5141	173.7542	0	0.339407	0.098141	3.458367	0.000803	0.00848	1
ENSG0000	mucosal h	Inflamed	A1BG-AS1	antisense	chr19	58859117	58866549	+	2793	162.5585	0	-0.53931	0.155945	-3.45834	0.000803	0.00848	1
ENSG0000	mucosal h	Inflamed	GEMIN8P4	pseudoger	chr1	90459152	90459880	-	729	24.97852	0.002387	0.56733	0.164064	3.457977	0.000804	0.008486	1
ENSG0000	mucosal h	Inflamed	CALCRL	protein_cc	chr2	1.88E+08	1.88E+08	-	6144	352.4177	0.002387	-0.90705	0.262325	-3.45775	0.000804	0.008486	1
ENSG0000	mucosal h	Inflamed	RP11-276f	lincRNA	chr9	89563614	89616948	+	4387	4.250597	0.298329	-0.70158	0.202909	-3.45762	0.000805	0.008486	1
ENSG0000	mucosal h	Inflamed	MAFB	protein_cc	chr20	39314488	39317880	-	3393	1381.976	0	-0.64191	0.185652	-3.45757	0.000805	0.008486	1
ENSG0000	mucosal h	Inflamed	RP3-512B1	antisense	chr6	7540684	7541571	-	888	26.42005	0	0.546665	0.158109	3.457514	0.000805	0.008486	1
ENSG0000	mucosal h	Inflamed	RP11-783k	antisense	chr11	64013436	64015689	+	597	36.7327	0	-0.76585	0.221523	-3.45719	0.000806	0.008492	1
ENSG0000	mucosal h	Inflamed	NMT2	protein_cc	chr10	15144583	15210692	-	5058	502.8377	0	0.52035	0.150526	3.456887	0.000807	0.008497	1
ENSG0000	mucosal h	Inflamed	SEC61B	protein_cc	chr9	1.02E+08	1.02E+08	+	1190	2348.325	0	-0.4783	0.138368	-3.45672	0.000807	0.008498	1
ENSG0000	mucosal h	Inflamed	HCFC1-AS1	antisense	chrX	1.53E+08	1.53E+08	+	350	1.405728	0.663484	-0.56177	0.162593	-3.45508	0.000812	0.008541	1
ENSG0000	mucosal h	Inflamed	TMED9	protein_cc	chr5	1.77E+08	1.77E+08	+	2440	5756.668	0	-0.28371	0.082118	-3.45491	0.000812	0.008542	1
ENSG0000	mucosal h	Inflamed	CYYR1	protein_cc	chr21	27838528	27945603	-	3436	435.9212	0	-0.72036	0.20853	-3.45445	0.000813	0.008552	1

ENSG0000	mucosal hi Inflamed	UBASH3B	protein_cc chr11	1.23E+08	1.23E+08	+	9011	430.5776	0	-0.58176	0.168491	-3.45279	0.000818	0.008593	1
ENSG0000	mucosal hi Inflamed	GTF2IRD2	protein_cc chr7	74210483	74267847	-	7233	147.2267	0	0.538988	0.156103	3.452765	0.000818	0.008593	1
ENSG0000	mucosal hi Inflamed	APOBEC3C	protein_cc chr22	39410088	39416357	+	2818	1847.406	0	-0.5106	0.14796	-3.45096	0.000823	0.00864	1
ENSG0000	mucosal hi Inflamed	GPBP1L1	protein_cc chr1	46092976	46153785	-	7433	5520.988	0	0.5028	0.145703	3.450853	0.000823	0.00864	1
ENSG0000	mucosal hi Inflamed	UGT1A1	protein_cc chr2	2.35E+08	2.35E+08	+	7982	304.0644	0.02864	1.319259	0.382545	3.448641	0.000829	0.0087	1
ENSG0000	mucosal hi Inflamed	CTD-2385I	antisense chr16	23723311	23724114	+	534	4.670644	0.183771	0.578933	0.167922	3.447639	0.000832	0.008723	1
ENSG0000	mucosal hi Inflamed	ENKUR	protein_cc chr10	25270908	25305089	-	3720	60.74224	0.026253	-1.42444	0.413168	-3.4476	0.000832	0.008723	1
ENSG0000	mucosal hi Inflamed	ZNF763	protein_cc chr19	12035890	12091196	+	3044	56.34129	0.002387	0.751404	0.218076	3.445615	0.000837	0.008777	1
ENSG0000	mucosal hi Inflamed	D2HGDH	protein_cc chr2	2.43E+08	2.43E+08	+	5279	1762.778	0	0.602725	0.174967	3.444799	0.00084	0.008797	1
ENSG0000	mucosal hi Inflamed	GALNT2	protein_cc chr1	2.3E+08	2.3E+08	+	7944	6470.134	0	-0.40298	0.11699	-3.44461	0.00084	0.008798	1
ENSG0000	mucosal hi Inflamed	ERVW-1	protein_cc chr7	92097694	92107300	-	6130	1.637232	0.75179	0.758961	0.220345	3.444421	0.000841	0.008798	1
ENSG0000	mucosal hi Inflamed	AC009495	lincRNA chr2	1.67E+08	1.67E+08	-	372	9.947494	0.090692	0.676158	0.196307	3.444389	0.000841	0.008798	1
ENSG0000	mucosal hi Inflamed	RP11-757F	antisense chr3	1.12E+08	1.12E+08	+	1937	106.1122	0.016706	1.274101	0.36994	3.444071	0.000842	0.008804	1
ENSG0000	mucosal hi Inflamed	ARHGAP5-	antisense chr14	32544625	32545999	-	1375	78.61098	0	0.37124	0.107828	3.442893	0.000845	0.008835	1
ENSG0000	mucosal hi Inflamed	MSN	protein_cc chrX	64808257	64961791	+	5969	13315.18	0	-0.72286	0.209994	-3.44229	0.000847	0.008849	1
ENSG0000	mucosal hi Inflamed	SPTLC3	protein_cc chr20	12989627	13147411	+	6377	182.8783	0.004773	0.707153	0.205442	3.442114	0.000847	0.008851	1
ENSG0000	mucosal hi Inflamed	RP11-464I	sense_intr chr17	60627087	60629482	+	1707	1.789976	0.556086	0.522515	0.151816	3.441752	0.000848	0.008858	1
ENSG0000	mucosal hi Inflamed	OCRL	protein_cc chrX	1.29E+08	1.29E+08	+	5779	2025.434	0	0.503837	0.146419	3.441072	0.00085	0.008869	1
ENSG0000	mucosal hi Inflamed	DNMBP	protein_cc chr10	1.02E+08	1.02E+08	-	8634	3311.007	0	0.615968	0.179007	3.441021	0.00085	0.008869	1
ENSG0000	mucosal hi Inflamed	CNGA1	protein_cc chr4	47937994	48018689	-	3581	82.36754	0.011933	0.97415	0.283101	3.440994	0.00085	0.008869	1
ENSG0000	mucosal hi Inflamed	SLC26A9	protein_cc chr1	2.06E+08	2.06E+08	-	5628	19.05251	0.374702	-1.42762	0.414905	-3.44084	0.000851	0.00887	1
ENSG0000	mucosal hi Inflamed	TM4SF20	protein_cc chr2	2.28E+08	2.28E+08	-	2757	903.5632	0.026253	-1.8154	0.527625	-3.44071	0.000851	0.008871	1
ENSG0000	mucosal hi Inflamed	RAB40A	protein_cc chrX	1.03E+08	1.03E+08	-	3398	5.150358	0.24821	0.754419	0.219272	3.440555	0.000851	0.008872	1
ENSG0000	mucosal hi Inflamed	ZYX	protein_cc chr7	1.43E+08	1.43E+08	+	3482	7816.227	0	-0.57095	0.165964	-3.44018	0.000852	0.008877	1
ENSG0000	mucosal hi Inflamed	MCAM	protein_cc chr11	1.19E+08	1.19E+08	-	7420	2872.305	0	-0.86384	0.251107	-3.44013	0.000853	0.008877	1
ENSG0000	mucosal hi Inflamed	LCMT1	protein_cc chr16	25123050	25189552	+	2606	1120.351	0	0.284141	0.082603	3.439861	0.000853	0.008881	1
ENSG0000	mucosal hi Inflamed	CD86	protein_cc chr3	1.22E+08	1.22E+08	+	3430	438.6563	0	-0.70462	0.204852	-3.43964	0.000854	0.008881	1
ENSG0000	mucosal hi Inflamed	IGHV3-9	IG_V_gene chr14	1.07E+08	1.07E+08	-	434	9471.599	0.045346	-1.48265	0.431072	-3.43945	0.000854	0.008881	1
ENSG0000	mucosal hi Inflamed	PRLR	protein_cc chr5	35048861	35230794	-	13208	445.8234	0	1.094625	0.318268	3.439316	0.000855	0.008881	1
ENSG0000	mucosal hi Inflamed	VMO1	protein_cc chr17	4688580	4689728	-	803	83.21718	0	-0.81348	0.236523	-3.43931	0.000855	0.008881	1
ENSG0000	mucosal hi Inflamed	MFSD12	protein_cc chr19	3538259	3574288	-	5277	2531.442	0	-0.44238	0.128626	-3.43926	0.000855	0.008881	1
ENSG0000	mucosal hi Inflamed	FADS2	protein_cc chr11	61560452	61634826	+	11026	2340.716	0	-1.16942	0.340082	-3.43864	0.000857	0.008896	1
ENSG0000	mucosal hi Inflamed	NEUROD1	protein_cc chr2	1.83E+08	1.83E+08	-	3312	55.35561	0.073986	1.340924	0.390066	3.437682	0.000859	0.008921	1
ENSG0000	mucosal hi Inflamed	PLEKHG2	protein_cc chr19	39903225	39919054	+	9199	1810.99	0	-0.70562	0.205298	-3.43707	0.000861	0.008933	1
ENSG0000	mucosal hi Inflamed	C1QB	protein_cc chr1	22979255	22988031	+	1601	8024.821	0	-0.59484	0.173071	-3.437	0.000861	0.008933	1
ENSG0000	mucosal hi Inflamed	RRNAD1	protein_cc chr1	1.57E+08	1.57E+08	+	3169	1061.196	0	0.257898	0.07504	3.436811	0.000862	0.008933	1
ENSG0000	mucosal hi Inflamed	PLCE1	protein_cc chr10	95753746	96092580	+	13282	2756.024	0	0.882573	0.256803	3.436774	0.000862	0.008933	1
ENSG0000	mucosal hi Inflamed	AC074289	antisense chr2	64370373	64479993	+	2453	131.0716	0	-1.00237	0.29171	-3.43618	0.000864	0.008947	1
ENSG0000	mucosal hi Inflamed	TRIB3	protein_cc chr20	361261	378203	+	2948	308.4749	0	-0.56107	0.163316	-3.43546	0.000866	0.008963	1
ENSG0000	mucosal hi Inflamed	THR-B-AS1	processed_chr3	24535578	24541833	+	3191	3.300716	0.379475	0.567793	0.165277	3.435413	0.000866	0.008963	1

ENSG0000	mucosal h	Inflamed	SLC41A1	protein_cc chr1	2.06E+08	2.06E+08	-	6357	1071.024	0	-0.62667	0.18245	-3.43476	0.000868	0.008975	1
ENSG0000	mucosal h	Inflamed	SIDT2	protein_cc chr11	1.17E+08	1.17E+08	+	9061	3715.702	0	0.360343	0.104912	3.434729	0.000868	0.008975	1
ENSG0000	mucosal h	Inflamed	PIK3CD	protein_cc chr1	9711790	9789172	+	6593	1925.179	0	-0.8191	0.238481	-3.43463	0.000868	0.008975	1
ENSG0000	mucosal h	Inflamed	ITGAX	protein_cc chr16	31366455	31394318	+	6533	2691.093	0	-1.11956	0.326011	-3.43413	0.00087	0.008983	1
ENSG0000	mucosal h	Inflamed	LCP1	protein_cc chr13	46700055	46786006	-	5216	7455.661	0	-0.86285	0.251257	-3.43413	0.00087	0.008983	1
ENSG0000	mucosal h	Inflamed	RP11-881M	antisense chr11	60674261	60677214	+	810	9.069212	0.047733	-0.66749	0.194386	-3.43381	0.000871	0.008989	1
ENSG0000	mucosal h	Inflamed	HCST	protein_cc chr19	36393382	36395279	+	613	363.1766	0	-0.63592	0.185213	-3.43345	0.000872	0.008996	1
ENSG0000	mucosal h	Inflamed	FAM215A	protein_cc chr17	41994576	41995326	+	751	1.477327	0.596659	-0.464	0.135168	-3.4328	0.000873	0.009011	1
ENSG0000	mucosal h	Inflamed	IGHV1-17	IG_V_pseu chr14	1.07E+08	1.07E+08	-	334	10.70883	0.116945	-0.99748	0.290581	-3.43272	0.000874	0.009011	1
ENSG0000	mucosal h	Inflamed	RP11-799E	lincRNA chr18	21739473	21742175	-	735	10.02148	0.121718	0.776979	0.226396	3.431945	0.000876	0.00903	1
ENSG0000	mucosal h	Inflamed	ARHGAP8	protein_cc chr22	45098355	45258665	+	5678	209.611	0.004773	0.967846	0.282097	3.430902	0.000879	0.009058	1
ENSG0000	mucosal h	Inflamed	RP11-1007	lincRNA chr15	72700119	72767509	-	2713	54.05728	0.004773	0.386751	0.112734	3.430642	0.00088	0.009062	1
ENSG0000	mucosal h	Inflamed	ADORA2A	protein_cc chr22	24813847	24838328	+	4193	36.29117	0.004773	-0.69463	0.202524	-3.42985	0.000882	0.00908	1
ENSG0000	mucosal h	Inflamed	AGFG2	protein_cc chr7	1E+08	1E+08	+	5478	2916.191	0	0.638411	0.186137	3.429789	0.000882	0.00908	1
ENSG0000	mucosal h	Inflamed	C3	protein_cc chr19	6677715	6730573	-	8328	15841.01	0	-1.28102	0.373513	-3.42965	0.000883	0.009081	1
ENSG0000	mucosal h	Inflamed	TUFT1	protein_cc chr1	1.52E+08	1.52E+08	+	4017	1237.852	0	0.61594	0.179637	3.428799	0.000885	0.009103	1
ENSG0000	mucosal h	Inflamed	OLFM2	protein_cc chr19	9964394	10047228	-	2500	244.1122	0	-0.76212	0.222279	-3.42867	0.000885	0.009103	1
ENSG0000	mucosal h	Inflamed	RP11-1275	lincRNA chr7	5465401	5466032	+	632	19.78998	0.00716	0.627367	0.183019	3.42787	0.000888	0.009123	1
ENSG0000	mucosal h	Inflamed	OR5G3	polymorpt chr11	56587052	56587980	-	929	1.109785	0.74463	0.467907	0.136512	3.427582	0.000889	0.009129	1
ENSG0000	mucosal h	Inflamed	MYCL	protein_cc chr1	40361098	40367928	-	5065	863.7112	0	0.50614	0.147732	3.426075	0.000893	0.00917	1
ENSG0000	mucosal h	Inflamed	CLYBL	protein_cc chr13	1E+08	1.01E+08	+	7826	451.2578	0	0.556356	0.16241	3.425635	0.000894	0.00918	1
ENSG0000	mucosal h	Inflamed	TRBV29-1	TR_V_gen chr7	1.42E+08	1.42E+08	+	402	35.77327	0.00716	-0.86047	0.251228	-3.42507	0.000896	0.009192	1
ENSG0000	mucosal h	Inflamed	HES1	protein_cc chr3	1.94E+08	1.94E+08	+	2062	1841.179	0	0.471085	0.137543	3.424995	0.000896	0.009192	1
ENSG0000	mucosal h	Inflamed	PKLR	protein_cc chr1	1.55E+08	1.55E+08	-	2618	32.84726	0.157518	1.070776	0.312653	3.424805	0.000897	0.009194	1
ENSG0000	mucosal h	Inflamed	UBL3	protein_cc chr13	30338508	30424821	-	4384	1747.737	0	0.577646	0.168681	3.424484	0.000898	0.0092	1
ENSG0000	mucosal h	Inflamed	KIR3DX1	protein_cc chr19	55043909	55057053	+	5199	15.97375	0.052506	-0.81866	0.23907	-3.42437	0.000898	0.0092	1
ENSG0000	mucosal h	Inflamed	CTD-2235	antisense chr15	75192333	75193030	+	415	9.613365	0.042959	0.489444	0.142981	3.42314	0.000902	0.009234	1
ENSG0000	mucosal h	Inflamed	RP11-234E	lincRNA chr12	4809583	4829268	-	1249	523.2458	0.00716	0.969245	0.283155	3.423021	0.000902	0.009234	1
ENSG0000	mucosal h	Inflamed	PRSS27	protein_cc chr16	2762419	2770552	-	5921	28.8043	0.00716	-0.61625	0.180051	-3.42267	0.000903	0.009241	1
ENSG0000	mucosal h	Inflamed	GBP2	protein_cc chr1	89571815	89616139	-	6276	3376.389	0	-0.60679	0.177301	-3.42234	0.000904	0.009247	1
ENSG0000	mucosal h	Inflamed	DEF6	protein_cc chr6	35265595	35289548	+	2675	1388.272	0	-0.49895	0.1458	-3.42216	0.000905	0.009249	1
ENSG0000	mucosal h	Inflamed	KIAA0319	protein_cc chr6	24544332	24646383	-	7005	101.7852	0.009547	0.854425	0.249709	3.421677	0.000906	0.009257	1
ENSG0000	mucosal h	Inflamed	ALOX15	protein_cc chr17	4534197	4545589	-	3404	226.1337	0.004773	-1.10152	0.321925	-3.42167	0.000906	0.009257	1
ENSG0000	mucosal h	Inflamed	SIPA1L2	protein_cc chr1	2.33E+08	2.33E+08	-	7641	2668.325	0	0.720067	0.210481	3.421054	0.000908	0.009272	1
ENSG0000	mucosal h	Inflamed	PRAM1	protein_cc chr19	8554940	8567996	-	3763	132.7613	0	-0.77832	0.227523	-3.42084	0.000908	0.009275	1
ENSG0000	mucosal h	Inflamed	HCN3	protein_cc chr1	1.55E+08	1.55E+08	+	4121	418.8401	0	0.658891	0.192618	3.420718	0.000909	0.009275	1
ENSG0000	mucosal h	Inflamed	GPD1L	protein_cc chr3	32147181	32210205	+	4802	2890.601	0	0.788238	0.230467	3.420179	0.00091	0.009288	1
ENSG0000	mucosal h	Inflamed	B9D1	protein_cc chr17	19240867	19281495	-	3522	216.6563	0	-0.52853	0.15455	-3.41981	0.000912	0.009296	1
ENSG0000	mucosal h	Inflamed	RP11-691M	protein_cc chr11	57509635	57560715	+	580	22.58473	0.102625	1.060719	0.310273	3.418658	0.000915	0.009327	1
ENSG0000	mucosal h	Inflamed	TRIM21	protein_cc chr11	4406127	4414926	-	1952	1504.303	0	-0.36404	0.106531	-3.41719	0.000919	0.009369	1

ENSG0000	mucosal h	Inflamed	DHH	protein_cc	chr12	49483204	49488602	-	1936	19.64916	0.045346	-0.84522	0.247358	-3.41699	0.00092	0.00937	1
ENSG0000	mucosal h	Inflamed	KAZALD1	protein_cc	chr10	1.03E+08	1.03E+08	+	3613	479.3914	0	0.522688	0.15297	3.416924	0.00092	0.00937	1
ENSG0000	mucosal h	Inflamed	RP11-112J	lincRNA	chr9	35772160	35790429	+	952	30.9642	0.019093	0.854424	0.250072	3.416718	0.000921	0.009372	1
ENSG0000	mucosal h	Inflamed	RP11-380M	pseudoger	chr18	45379604	45379828	-	225	168.2315	0	0.660985	0.193476	3.416372	0.000922	0.009379	1
ENSG0000	mucosal h	Inflamed	MPO	protein_cc	chr17	56347217	56358296	-	3622	8.334129	0.069212	-0.63571	0.186151	-3.41504	0.000926	0.009417	1
ENSG0000	mucosal h	Inflamed	SAP30L	protein_cc	chr5	1.54E+08	1.54E+08	+	6755	2173.332	0	0.426711	0.124958	3.414838	0.000927	0.009419	1
ENSG0000	mucosal h	Inflamed	LINC00032	lincRNA	chr9	27245682	27282791	-	2913	5.01432	0.245823	0.671094	0.196553	3.414312	0.000928	0.009432	1
ENSG0000	mucosal h	Inflamed	TPST1	protein_cc	chr7	65670186	65885530	+	2871	262.2888	0	-0.73709	0.216019	-3.41215	0.000935	0.009496	1
ENSG0000	mucosal h	Inflamed	ZMYND15	protein_cc	chr17	4643319	4649411	+	3291	198.9356	0	-0.52658	0.154347	-3.41167	0.000936	0.009507	1
ENSG0000	mucosal h	Inflamed	CTC-241F2	antisense	chr19	48758932	48761456	+	1969	170.5084	0	-0.59721	0.175059	-3.41147	0.000937	0.009509	1
ENSG0000	mucosal h	Inflamed	RP3-405J1	pseudoger	chr12	50611445	50612126	-	354	2.155131	0.486874	0.518465	0.152001	3.410926	0.000939	0.009521	1
ENSG0000	mucosal h	Inflamed	AC005786	antisense	chr19	3544197	3557567	+	565	29.46778	0.033413	0.816163	0.239284	3.410849	0.000939	0.009521	1
ENSG0000	mucosal h	Inflamed	IRF7	protein_cc	chr11	612553	615999	-	2628	1850.167	0	-0.49836	0.146123	-3.41055	0.00094	0.009527	1
ENSG0000	mucosal h	Inflamed	HS3ST1	protein_cc	chr4	11394774	11431389	-	8166	534.1313	0	-0.47806	0.140184	-3.41019	0.000941	0.009535	1
ENSG0000	mucosal h	Inflamed	AC006129	lincRNA	chr19	42041545	42043266	+	1722	62.86158	0.002387	-0.91076	0.267103	-3.40979	0.000942	0.009544	1
ENSG0000	mucosal h	Inflamed	MYO10	protein_cc	chr5	16665395	16936372	-	10537	4571.131	0	0.49836	0.146195	3.408883	0.000945	0.009568	1
ENSG0000	mucosal h	Inflamed	SERPINA1	protein_cc	chr14	94843084	94857030	-	4902	23503.42	0	-0.58178	0.1707	-3.4082	0.000947	0.009586	1
ENSG0000	mucosal h	Inflamed	GLB1L2	protein_cc	chr11	1.34E+08	1.34E+08	+	7280	1628.613	0	0.64269	0.188585	3.407959	0.000948	0.00959	1
ENSG0000	mucosal h	Inflamed	MYLIP	protein_cc	chr6	16129356	16148479	+	3033	1211.89	0	0.477841	0.140218	3.407849	0.000948	0.00959	1
ENSG0000	mucosal h	Inflamed	SLC10A1	protein_cc	chr14	70242134	70264006	-	2049	2.863962	0.486874	0.508588	0.149256	3.407491	0.000949	0.009594	1
ENSG0000	mucosal h	Inflamed	ADAMTS5	protein_cc	chr21	28290231	28338832	-	9056	227.4988	0.002387	-0.83796	0.245918	-3.40749	0.000949	0.009594	1
ENSG0000	mucosal h	Inflamed	C1orf186	protein_cc	chr1	2.06E+08	2.06E+08	-	2910	163.4845	0	-0.71192	0.20894	-3.4073	0.00095	0.009596	1
ENSG0000	mucosal h	Inflamed	RP11-16K1	antisense	chr15	79271231	79278268	+	1900	4.930788	0.310263	-0.73368	0.215362	-3.40675	0.000951	0.009609	1
ENSG0000	mucosal h	Inflamed	DAGLA	protein_cc	chr11	61447905	61514473	+	5757	1147	0	0.593663	0.174312	3.40575	0.000955	0.009637	1
ENSG0000	mucosal h	Inflamed	CXCL10	protein_cc	chr4	76942273	76944650	-	1173	535.4678	0	-1.44615	0.424764	-3.40458	0.000958	0.009669	1
ENSG0000	mucosal h	Inflamed	PDZD3	protein_cc	chr11	1.19E+08	1.19E+08	+	3827	1506.134	0.004773	1.208994	0.355115	3.404511	0.000958	0.009669	1
ENSG0000	mucosal h	Inflamed	PRR5L	protein_cc	chr11	36317838	36486754	+	6636	3182.785	0	0.664462	0.195179	3.404371	0.000959	0.00967	1
ENSG0000	mucosal h	Inflamed	PPCDC	protein_cc	chr15	75315896	75409803	+	3781	485.611	0	-0.34436	0.101155	-3.40425	0.000959	0.00967	1
ENSG0000	mucosal h	Inflamed	CCL18	protein_cc	chr17	34391640	34399392	+	1397	1300.592	0	-1.49512	0.439244	-3.40385	0.000961	0.009679	1
ENSG0000	mucosal h	Inflamed	RNF213	protein_cc	chr17	78234665	78372586	+	28570	18573.21	0	-0.61663	0.181218	-3.40271	0.000964	0.009711	1
ENSG0000	mucosal h	Inflamed	BMP8B	protein_cc	chr1	40222854	40254533	-	5143	735.1408	0	0.527936	0.155193	3.401796	0.000967	0.009736	1
ENSG0000	mucosal h	Inflamed	NOTCH4	protein_cc	chr6	32162620	32191844	-	9748	927.6301	0	-0.78349	0.230322	-3.4017	0.000967	0.009736	1
ENSG0000	mucosal h	Inflamed	RP5-1028k	lincRNA	chr17	38673278	38683254	+	1198	46.22673	0.064439	-1.2131	0.356685	-3.40103	0.000969	0.009753	1
ENSG0000	mucosal h	Inflamed	SOX6	protein_cc	chr11	15987995	16761138	-	19632	233.4678	0.002387	0.873153	0.256754	3.400743	0.00097	0.009759	1
ENSG0000	mucosal h	Inflamed	IGSF6	protein_cc	chr16	21652609	21663981	-	1781	415.3508	0	-0.872	0.256429	-3.40054	0.000971	0.009762	1
ENSG0000	mucosal h	Inflamed	LRRC4	protein_cc	chr7	1.28E+08	1.28E+08	-	4036	98.13842	0.002387	-1.05442	0.310119	-3.40005	0.000973	0.00977	1
ENSG0000	mucosal h	Inflamed	RP11-104E	antisense	chr14	25064929	25126980	+	947	2.897375	0.713604	-0.78308	0.230314	-3.40004	0.000973	0.00977	1
ENSG0000	mucosal h	Inflamed	IGF2BP3	protein_cc	chr7	23349828	23510086	-	8511	71.11217	0.050119	-1.1276	0.331681	-3.39966	0.000974	0.009779	1
ENSG0000	mucosal h	Inflamed	CTA-929Cf	lincRNA	chr22	27706612	27713417	+	5052	3.202864	0.494033	0.60653	0.178432	3.399222	0.000975	0.009789	1
ENSG0000	mucosal h	Inflamed	SLC19A3	protein_cc	chr2	2.29E+08	2.29E+08	-	5329	235.0143	0	0.740931	0.217977	3.399116	0.000976	0.009789	1

ENSG0000	mucosal h	Inflamed	ATP8B2	protein_cc	chr1	1.54E+08	1.54E+08	+	7572	2209.274	0	-0.71336	0.209877	-3.39896	0.000976	0.00979	1
ENSG0000	mucosal h	Inflamed	PM20D1	protein_cc	chr1	2.06E+08	2.06E+08	-	2614	18.1599	0.150358	-0.74298	0.218654	-3.39798	0.000979	0.009817	1
ENSG0000	mucosal h	Inflamed	MT-RNR2	Mt_rRNA	chrM	1671	3229	+	1559	1122924	0	0.715317	0.210519	3.397876	0.000979	0.009817	1
ENSG0000	mucosal h	Inflamed	IL11	protein_cc	chr19	55875757	55881831	-	2671	880.7542	0.002387	-2.11239	0.621899	-3.39668	0.000983	0.009852	1
ENSG0000	mucosal h	Inflamed	RP11-108L	lincRNA	chr10	1.03E+08	1.03E+08	-	977	43.09785	0	0.686831	0.202231	3.396261	0.000985	0.009862	1
ENSG0000	mucosal h	Inflamed	LINC00365	lincRNA	chr13	30677315	30683012	-	2998	12.30788	0.090692	0.842003	0.247949	3.395874	0.000986	0.009869	1
ENSG0000	mucosal h	Inflamed	RTN2	protein_cc	chr19	45988547	46000319	-	3238	294.3031	0	-0.50436	0.148525	-3.39579	0.000986	0.009869	1
ENSG0000	mucosal h	Inflamed	PDE3A	protein_cc	chr12	20522179	20837315	+	8398	1268.31	0	0.853722	0.251432	3.395439	0.000987	0.009877	1
ENSG0000	mucosal h	Inflamed	KIR2DL3	protein_cc	chr19	55249980	55295776	+	2484	2.424821	0.51074	-0.56633	0.166798	-3.3953	0.000988	0.009877	1
ENSG0000	mucosal h	Inflamed	RP11-576I	antisense	chr1	1.7E+08	1.71E+08	-	3185	15.84487	0.009547	0.708399	0.208647	3.395208	0.000988	0.009877	1
ENSG0000	mucosal h	Inflamed	CHRNA7	protein_cc	chr15	32322691	32464722	+	5766	75.75179	0.01432	0.929056	0.273649	3.395062	0.000989	0.009878	1
ENSG0000	mucosal h	Inflamed	TAS2R12	pseudoger	chr12	11047542	11048481	-	940	0.909308	0.756563	0.406042	0.119612	3.394668	0.00099	0.009887	1
ENSG0000	mucosal h	Inflamed	PARD3B	protein_cc	chr2	2.05E+08	2.06E+08	+	10382	613.3723	0.002387	0.794226	0.234079	3.392979	0.000995	0.009937	1
ENSG0000	mucosal h	Inflamed	ANKRD53	protein_cc	chr2	71205510	71212626	+	2523	31.61098	0.009547	-0.74649	0.220016	-3.39288	0.000996	0.009937	1
ENSG0000	mucosal h	Inflamed	AC003090	lincRNA	chr7	25632971	25790614	-	2968	17.61337	0.050119	0.835156	0.246162	3.392707	0.000996	0.009939	1
ENSG0000	mucosal h	Inflamed	GRM8	protein_cc	chr7	1.26E+08	1.27E+08	-	6439	87.65632	0.00716	0.8909	0.262605	3.392548	0.000997	0.00994	1
ENSG0000	mucosal h	Inflamed	SULT1A1	protein_cc	chr16	28616903	28634946	-	8523	1966.611	0	0.700679	0.206566	3.392032	0.000998	0.009953	1
ENSG0000	mucosal h	Inflamed	TPRG1	protein_cc	chr3	1.89E+08	1.89E+08	+	9535	38.79475	0.002387	-0.79683	0.234992	-3.3909	0.001002	0.009977	1
ENSG0000	mucosal h	Inflamed	C19orf66	protein_cc	chr19	10196798	10203928	+	4341	1549.747	0	-0.3689	0.108792	-3.39089	0.001002	0.009977	1
ENSG0000	mucosal h	Inflamed	LYSMD1	protein_cc	chr1	1.51E+08	1.51E+08	-	2508	257.5823	0	0.290619	0.085706	3.390872	0.001002	0.009977	1
ENSG0000	mucosal h	Inflamed	UBE2S	protein_cc	chr19	55912652	55919145	-	1249	914.1838	0	-0.44159	0.130232	-3.39084	0.001002	0.009977	1
ENSG0000	mucosal h	Inflamed	CLCN2	protein_cc	chr3	1.84E+08	1.84E+08	-	4290	2626.348	0	0.905717	0.267132	3.390525	0.001003	0.009983	1
ENSG0000	mucosal h	Inflamed	PXDNL	protein_cc	chr8	52232138	52722005	-	5238	11.37232	0.073986	-0.84524	0.249365	-3.38956	0.001006	0.010011	1
ENSG0000	mucosal h	Inflamed	TMEM206	protein_cc	chr1	2.13E+08	2.13E+08	-	2914	159.3604	0	-0.47194	0.139243	-3.38934	0.001007	0.010015	1
ENSG0000	mucosal h	Inflamed	RP11-557I	lincRNA	chr6	1.35E+08	1.35E+08	-	1404	6.51074	0.159905	-0.65495	0.193261	-3.38893	0.001009	0.010024	1
ENSG0000	mucosal h	Inflamed	RP11-219C	lincRNA	chr17	76257430	76274573	-	2934	15.99045	0.140811	-1.04943	0.309735	-3.38816	0.001011	0.010042	1
ENSG0000	mucosal h	Inflamed	FAM214B	protein_cc	chr9	35104109	35116338	-	6409	2644.573	0	-0.40893	0.120694	-3.38815	0.001011	0.010042	1
ENSG0000	mucosal h	Inflamed	ZNF497	protein_cc	chr19	58865723	58874214	-	3897	52.69928	0.004773	0.520986	0.153795	3.387539	0.001013	0.010058	1
ENSG0000	mucosal h	Inflamed	FOXO4	protein_cc	chrX	70316047	70323385	+	3447	1602.907	0	0.426024	0.125771	3.387293	0.001014	0.010063	1
ENSG0000	mucosal h	Inflamed	APLP1	protein_cc	chr19	36358801	36370693	+	3656	90.46062	0.004773	-0.80103	0.236525	-3.38668	0.001016	0.010079	1
ENSG0000	mucosal h	Inflamed	GPR68	protein_cc	chr14	91698876	91720269	-	3278	506.1169	0	-0.7265	0.214538	-3.38632	0.001017	0.010087	1
ENSG0000	mucosal h	Inflamed	KRTAP5-9	protein_cc	chr11	71259466	71260653	+	1188	6.272076	0.159905	0.7063	0.208627	3.38547	0.00102	0.010108	1
ENSG0000	mucosal h	Inflamed	RP11-379E	pseudoger	chr3	1.26E+08	1.26E+08	-	205	0.904535	0.75895	0.376559	0.111231	3.385386	0.00102	0.010108	1
ENSG0000	mucosal h	Inflamed	RP11-57A1	lincRNA	chr16	28296206	28303385	-	2481	5.365155	0.200477	0.666735	0.196948	3.385328	0.00102	0.010108	1
ENSG0000	mucosal h	Inflamed	ZNF862	protein_cc	chr7	1.5E+08	1.5E+08	+	8430	949.6158	0	0.603772	0.178354	3.385237	0.001021	0.010108	1
ENSG0000	mucosal h	Inflamed	ADRA1B	protein_cc	chr5	1.59E+08	1.59E+08	+	1738	14.68258	0.054893	0.843869	0.249357	3.384176	0.001024	0.010139	1
ENSG0000	mucosal h	Inflamed	TNFRSF12I	protein_cc	chr16	3068446	3072384	+	1848	781.0406	0	-0.88609	0.261875	-3.38363	0.001026	0.010153	1
ENSG0000	mucosal h	Inflamed	GFOD2	protein_cc	chr16	67708434	67753324	-	7397	1500.091	0	0.275915	0.081551	3.383336	0.001027	0.010159	1
ENSG0000	mucosal h	Inflamed	LGSN	protein_cc	chr6	63985856	64029882	-	5634	14.31026	0.334129	1.27211	0.376222	3.38127	0.001034	0.010224	1
ENSG0000	mucosal h	Inflamed	LETM1	protein_cc	chr4	1813206	1857974	-	8184	6057.737	0	0.505523	0.149538	3.380562	0.001036	0.010241	1

ENSG0000	mucosal h	Inflamed	FAM13A	protein_cc	chr4	89647106	90032549	-	13215	1533.408	0	0.673998	0.199377	3.380511	0.001037	0.010241	1
ENSG0000	mucosal h	Inflamed	SCARNA2	lincRNA	chr1	1.1E+08	1.1E+08	+	427	3.596659	0.346062	0.644008	0.190514	3.380375	0.001037	0.010242	1
ENSG0000	mucosal h	Inflamed	RP11-6771	antisense	chr11	1.25E+08	1.25E+08	-	445	4.816229	0.205251	0.671232	0.198724	3.377715	0.001046	0.010323	1
ENSG0000	mucosal h	Inflamed	C2orf68	protein_cc	chr2	85833777	85839189	-	4413	1199.313	0	0.295581	0.087511	3.377624	0.001046	0.010323	1
ENSG0000	mucosal h	Inflamed	ANXA10	protein_cc	chr4	1.69E+08	1.69E+08	+	1812	114.7494	0.367542	-2.00481	0.593559	-3.37761	0.001046	0.010323	1
ENSG0000	mucosal h	Inflamed	KLHL5	protein_cc	chr4	39046659	39128477	+	5144	716.6802	0	-0.8884	0.263044	-3.37738	0.001047	0.010327	1
ENSG0000	mucosal h	Inflamed	MSANTD1	protein_cc	chr4	3246096	3273465	+	7553	18.38425	0.009547	0.591859	0.175325	3.375778	0.001053	0.010373	1
ENSG0000	mucosal h	Inflamed	C8orf48	protein_cc	chr8	13424352	13425796	+	1445	8.322196	0.064439	-0.62637	0.18555	-3.37575	0.001053	0.010373	1
ENSG0000	mucosal h	Inflamed	IL34	protein_cc	chr16	70613798	70694585	+	2233	404.1766	0	-0.69917	0.207122	-3.37565	0.001053	0.010373	1
ENSG0000	mucosal h	Inflamed	RASIP1	protein_cc	chr19	49223844	49243978	-	4149	500.0453	0	-0.8278	0.245236	-3.37554	0.001054	0.010373	1
ENSG0000	mucosal h	Inflamed	NUDT7	protein_cc	chr16	77756411	77776157	+	1502	163.9236	0	0.511302	0.151492	3.375108	0.001055	0.010384	1
ENSG0000	mucosal h	Inflamed	IGLV2-18	IG_V_gene	chr22	23077095	23077584	+	374	1372.508	0	-1.24015	0.367495	-3.37459	0.001057	0.010398	1
ENSG0000	mucosal h	Inflamed	CATSPER2	protein_cc	chr15	43920701	43960316	-	8403	242.5656	0.004773	1.03732	0.307435	3.374116	0.001058	0.01041	1
ENSG0000	mucosal h	Inflamed	RP11-848F	pseudoger	chr17	29335515	29420145	+	2147	69.26014	0	0.490089	0.145278	3.373467	0.001061	0.010428	1
ENSG0000	mucosal h	Inflamed	CDH6	protein_cc	chr5	31193857	31329253	+	12379	107.4964	0.009547	-0.79936	0.236962	-3.37335	0.001061	0.010428	1
ENSG0000	mucosal h	Inflamed	RP5-864K1	antisense	chr1	39325672	39385068	+	976	15.6778	0	-0.44074	0.130659	-3.37321	0.001062	0.010429	1
ENSG0000	mucosal h	Inflamed	STMN3	protein_cc	chr20	62271061	62284780	-	2449	687.6229	0	-0.66837	0.198158	-3.37291	0.001063	0.010435	1
ENSG0000	mucosal h	Inflamed	AFF2	protein_cc	chrX	1.48E+08	1.48E+08	+	14006	53.05967	0.045346	-1.24985	0.370584	-3.37263	0.001064	0.010441	1
ENSG0000	mucosal h	Inflamed	LINC00888	pseudoger	chr3	1.83E+08	1.83E+08	+	2131	93.8926	0	-0.62943	0.186652	-3.37219	0.001065	0.010452	1
ENSG0000	mucosal h	Inflamed	MLLT4-AS	processed	chr6	1.68E+08	1.68E+08	-	2362	35.71838	0.023866	0.94717	0.280889	3.372048	0.001066	0.010453	1
ENSG0000	mucosal h	Inflamed	AC011899	antisense	chr7	1.58E+08	1.58E+08	+	4662	152.2172	0.002387	-0.5461	0.16198	-3.37141	0.001068	0.010471	1
ENSG0000	mucosal h	Inflamed	CYP7B1	protein_cc	chr8	65500320	65711318	-	2282	96.62053	0.016706	-1.06527	0.315984	-3.37128	0.001068	0.010471	1
ENSG0000	mucosal h	Inflamed	RP13-726E	processed	chr11	3502750	3602441	-	1377	16.30549	0.040573	0.806188	0.239165	3.370841	0.00107	0.010475	1
ENSG0000	mucosal h	Inflamed	C9orf152	protein_cc	chr9	1.13E+08	1.13E+08	-	2947	2957.513	0	0.958319	0.284309	3.370688	0.00107	0.010475	1
ENSG0000	mucosal h	Inflamed	GPRIN2	protein_cc	chr10	46994087	47005643	+	7985	2383.253	0	1.107548	0.328586	3.370643	0.00107	0.010475	1
ENSG0000	mucosal h	Inflamed	IGKV1D-42	IG_V_gene	chr2	90229045	90229531	+	371	3.5179	0.501193	-0.75356	0.223569	-3.37061	0.001071	0.010475	1
ENSG0000	mucosal h	Inflamed	GAPT	protein_cc	chr5	57787262	57792917	+	3273	139.3962	0	-0.8663	0.257017	-3.37058	0.001071	0.010475	1
ENSG0000	mucosal h	Inflamed	SCARNA18	snoRNA	chr18	47340731	47340813	+	83	1.980907	0.47494	0.424641	0.126001	3.370138	0.001072	0.010487	1
ENSG0000	mucosal h	Inflamed	PDE8A	protein_cc	chr15	85523671	85682376	+	7886	2409.964	0	0.606611	0.180048	3.369172	0.001076	0.010516	1
ENSG0000	mucosal h	Inflamed	CTB-179K2	antisense	chr19	45579768	45593649	-	1002	8.174224	0.047733	0.561035	0.166554	3.368484	0.001078	0.010534	1
ENSG0000	mucosal h	Inflamed	EDN3	protein_cc	chr20	57875482	57901047	+	2675	1538.492	0.004773	1.150813	0.34165	3.368403	0.001078	0.010534	1
ENSG0000	mucosal h	Inflamed	GAL3ST1	protein_cc	chr22	30950622	30970574	-	3019	231.8663	0	0.860674	0.255543	3.368019	0.00108	0.010541	1
ENSG0000	mucosal h	Inflamed	VDR	protein_cc	chr12	48235320	48336831	-	5674	7265.01	0	0.541408	0.160752	3.367977	0.00108	0.010541	1
ENSG0000	mucosal h	Inflamed	STAT1	protein_cc	chr2	1.92E+08	1.92E+08	-	6053	7497.487	0	-0.73429	0.218032	-3.3678	0.00108	0.010543	1
ENSG0000	mucosal h	Inflamed	ABCA12	protein_cc	chr2	2.16E+08	2.16E+08	-	9416	352.5656	0.164678	-1.88646	0.560227	-3.36732	0.001082	0.010555	1
ENSG0000	mucosal h	Inflamed	EFNA4	protein_cc	chr1	1.55E+08	1.55E+08	+	1263	459.6229	0	0.346767	0.102983	3.36724	0.001082	0.010555	1
ENSG0000	mucosal h	Inflamed	EGFL7	protein_cc	chr9	1.4E+08	1.4E+08	+	2555	804.4893	0	-0.70042	0.208082	-3.36607	0.001086	0.010586	1
ENSG0000	mucosal h	Inflamed	MIR200A	miRNA	chr1	1103243	1103332	+	90	22.6969	0.054893	0.876119	0.260282	3.366039	0.001087	0.010586	1
ENSG0000	mucosal h	Inflamed	OPRL1	protein_cc	chr20	62711526	62731996	+	3549	91.56802	0.004773	-0.70155	0.208425	-3.36596	0.001087	0.010586	1
ENSG0000	mucosal h	Inflamed	SURF4	protein_cc	chr9	1.36E+08	1.36E+08	-	3229	14527.57	0	-0.26429	0.07852	-3.36587	0.001087	0.010586	1

ENSG0000	mucosal h	Inflamed	WDR66	protein_cc	chr12	1.22E+08	1.22E+08	+	16115	69.24821	0.00716	-0.75913	0.225643	-3.36428	0.001093	0.010634	1
ENSG0000	mucosal h	Inflamed	LHX6	protein_cc	chr9	1.25E+08	1.25E+08	-	5748	187.6134	0.004773	-0.89557	0.266201	-3.36426	0.001093	0.010634	1
ENSG0000	mucosal h	Inflamed	SERPINC1	protein_cc	chr1	1.74E+08	1.74E+08	-	1763	3.634845	0.264916	-0.51709	0.153726	-3.36372	0.001095	0.010648	1
ENSG0000	mucosal h	Inflamed	CTD-2184I	lincRNA	chr15	52408771	52414328	+	874	1.885442	0.572792	0.46957	0.139631	3.362944	0.001098	0.010671	1
ENSG0000	mucosal h	Inflamed	RP1-224A6	lincRNA	chr1	22350487	22351461	-	615	1.74463	0.534606	-0.45676	0.135868	-3.36177	0.001102	0.010708	1
ENSG0000	mucosal h	Inflamed	AC074389	lincRNA	chr7	1778266	1781927	-	989	23.8043	0.002387	-0.68953	0.205117	-3.36163	0.001102	0.010709	1
ENSG0000	mucosal h	Inflamed	RP4-800J2	antisense	chr20	55959216	55968118	-	1540	6.470167	0.167064	-0.71578	0.212973	-3.36089	0.001105	0.01072	1
ENSG0000	mucosal h	Inflamed	RP11-982M	lincRNA	chr14	1.05E+08	1.05E+08	-	3816	10.46778	0.145585	0.850744	0.253132	3.360873	0.001105	0.01072	1
ENSG0000	mucosal h	Inflamed	MMP14	protein_cc	chr14	23305766	23318236	+	4464	11833.18	0	-0.69093	0.205583	-3.36082	0.001105	0.01072	1
ENSG0000	mucosal h	Inflamed	NUP210	protein_cc	chr3	13357737	13461809	-	8180	3536.58	0	-0.65813	0.195828	-3.36075	0.001105	0.01072	1
ENSG0000	mucosal h	Inflamed	RP11-175F	pseudoger	chr12	1.01E+08	1.01E+08	-	1405	53.01193	0.02864	0.856647	0.254898	3.360745	0.001105	0.01072	1
ENSG0000	mucosal h	Inflamed	BCL6B	protein_cc	chr17	6926339	6933609	+	4373	500.2792	0	-0.79944	0.237909	-3.36026	0.001107	0.010733	1
ENSG0000	mucosal h	Inflamed	PDLIM1	protein_cc	chr10	96997329	97050781	-	2239	13442.46	0	0.306287	0.09116	3.359886	0.001109	0.010742	1
ENSG0000	mucosal h	Inflamed	KBTBD11	protein_cc	chr8	1922044	1955102	+	6710	2381.976	0	0.667013	0.198532	3.359734	0.001109	0.010743	1
ENSG0000	mucosal h	Inflamed	CTD-2186I	pseudoger	chr5	32222038	32222453	+	416	0.74463	0.799523	-0.47131	0.140286	-3.35959	0.00111	0.010744	1
ENSG0000	mucosal h	Inflamed	RP11-315C	antisense	chr11	1.02E+08	1.02E+08	+	692	7.71599	0.109785	0.606877	0.180654	3.359324	0.001111	0.01075	1
ENSG0000	mucosal h	Inflamed	AP001056	lincRNA	chr21	45595372	45596336	+	821	41.56802	0.016706	-0.70076	0.20864	-3.35871	0.001113	0.010763	1
ENSG0000	mucosal h	Inflamed	RP11-568M	lincRNA	chr2	64749321	64751227	-	1907	59.10024	0.009547	-0.61636	0.183511	-3.35871	0.001113	0.010763	1
ENSG0000	mucosal h	Inflamed	KBTBD11-1	lincRNA	chr8	1919563	1924644	+	815	46.86874	0.011933	0.75461	0.224697	3.358341	0.001114	0.010769	1
ENSG0000	mucosal h	Inflamed	ERBB2	protein_cc	chr17	37844167	37886679	+	10321	11369.23	0	0.609069	0.181361	3.358316	0.001114	0.010769	1
ENSG0000	mucosal h	Inflamed	NPHS2	protein_cc	chr1	1.8E+08	1.8E+08	-	1874	2.288783	0.558473	0.481427	0.143369	3.357961	0.001115	0.010777	1
ENSG0000	mucosal h	Inflamed	ATP8B1	protein_cc	chr18	55313658	55470333	-	6652	12863.99	0	0.874798	0.260543	3.357602	0.001117	0.010779	1
ENSG0000	mucosal h	Inflamed	CTD-2031f	antisense	chr5	55290995	55299477	+	2289	9.725537	0.054893	0.64709	0.192725	3.35759	0.001117	0.010779	1
ENSG0000	mucosal h	Inflamed	MARCKS	protein_cc	chr6	1.14E+08	1.14E+08	+	4273	10476.78	0	0.425107	0.126611	3.357571	0.001117	0.010779	1
ENSG0000	mucosal h	Inflamed	ZNF385D	protein_cc	chr3	21459915	22414812	-	7420	56.36277	0.004773	-0.95488	0.284437	-3.35709	0.001119	0.010791	1
ENSG0000	mucosal h	Inflamed	AC005336	pseudoger	chr19	16021392	16022634	-	1243	48.05967	0.207637	1.072889	0.319598	3.356994	0.001119	0.010791	1
ENSG0000	mucosal h	Inflamed	RP11-690C	lincRNA	chr17	37408897	37410550	-	1654	172.9737	0.002387	0.581623	0.173262	3.356891	0.001119	0.010791	1
ENSG0000	mucosal h	Inflamed	AC005256	lincRNA	chr19	1748055	1748744	+	458	1.878282	0.682578	-0.6808	0.202828	-3.35654	0.001121	0.0108	1
ENSG0000	mucosal h	Inflamed	RP11-486A	pseudoger	chr12	93708585	93709717	+	1133	44.18616	0.01432	0.820999	0.244623	3.35618	0.001122	0.010808	1
ENSG0000	mucosal h	Inflamed	CRYBB3	protein_cc	chr22	25595817	25603330	+	867	28.53222	0.023866	0.776827	0.231481	3.355903	0.001123	0.010814	1
ENSG0000	mucosal h	Inflamed	RFADN	processed	chr18	77806900	77853362	+	6623	27.64916	0.023866	0.773128	0.230396	3.355644	0.001124	0.010818	1
ENSG0000	mucosal h	Inflamed	FCGR1C	pseudoger	chr1	1.49E+08	1.49E+08	+	2167	13.77566	0.140811	-0.98229	0.292735	-3.35555	0.001124	0.010818	1
ENSG0000	mucosal h	Inflamed	RP11-439E	processed	chr1	2.47E+08	2.47E+08	+	3984	40.04773	0.009547	0.825449	0.246009	3.355359	0.001125	0.010821	1
ENSG0000	mucosal h	Inflamed	HOXB6	protein_cc	chr17	46671639	46682354	-	4078	2064.193	0	0.745807	0.222286	3.355161	0.001126	0.010821	1
ENSG0000	mucosal h	Inflamed	GRK6P1	pseudoger	chr13	21893231	21895005	+	1775	1.274463	0.642005	0.437509	0.1304	3.355138	0.001126	0.010821	1
ENSG0000	mucosal h	Inflamed	KIAA1211L	protein_cc	chr2	99410309	99552722	-	4705	622.1002	0	0.460411	0.137235	3.354905	0.001127	0.010822	1
ENSG0000	mucosal h	Inflamed	STAP2	protein_cc	chr19	4324040	4342783	-	2766	4181.702	0	0.719966	0.214602	3.354892	0.001127	0.010822	1
ENSG0000	mucosal h	Inflamed	BTN1A1	protein_cc	chr6	26501449	26510650	+	2895	14.48687	0.083532	-0.8981	0.267768	-3.35401	0.00113	0.010849	1
ENSG0000	mucosal h	Inflamed	SPRED2	protein_cc	chr2	65537985	65659771	-	5154	2548.415	0	0.565982	0.168757	3.35382	0.001131	0.010851	1
ENSG0000	mucosal h	Inflamed	TRAFD1	protein_cc	chr12	1.13E+08	1.13E+08	+	3934	2011.375	0	-0.39781	0.118621	-3.35359	0.001131	0.010853	1

ENSG0000	mucosal h	Inflamed	RP11-103J antisense	chr20	10653576	10975572	+	1279	6.546539	0.140811	0.604673	0.180308	3.353557	0.001132	0.010853	1	
ENSG0000	mucosal h	Inflamed	NTN4	protein_cc	chr12	96051583	96184930	-	4166	713.8401	0	0.60274	0.179775	3.352741	0.001135	0.010877	1
ENSG0000	mucosal h	Inflamed	TRAK1	protein_cc	chr3	42055294	42267381	+	10992	5640.623	0	0.457817	0.136589	3.351775	0.001138	0.010904	1
ENSG0000	mucosal h	Inflamed	RP11-493L	lincRNA	chr12	47747537	47763718	+	540	3.326969	0.477327	-0.70899	0.211526	-3.35177	0.001138	0.010904	1
ENSG0000	mucosal h	Inflamed	ENGASE	protein_cc	chr17	77071021	77084681	+	6173	2768.788	0	0.571327	0.170494	3.351014	0.001141	0.010927	1
ENSG0000	mucosal h	Inflamed	RP11-685H	protein_cc	chr2	90537839	90538397	-	384	1.806683	0.699284	-0.70829	0.211382	-3.35077	0.001142	0.010931	1
ENSG0000	mucosal h	Inflamed	DUSP7	protein_cc	chr3	52082935	52090566	-	5648	1340.737	0	-0.48349	0.144315	-3.35023	0.001144	0.010946	1
ENSG0000	mucosal h	Inflamed	BATF2	protein_cc	chr11	64755415	64764517	-	2844	2136.432	0	-0.61222	0.182749	-3.35005	0.001144	0.010949	1
ENSG0000	mucosal h	Inflamed	RNF122	protein_cc	chr8	33405273	33424643	-	1868	362.716	0	-0.49003	0.146284	-3.34987	0.001145	0.010951	1
ENSG0000	mucosal h	Inflamed	ADRA2C	protein_cc	chr4	3768075	3770251	+	2177	63.44869	0.00716	-0.9077	0.271012	-3.34929	0.001147	0.010968	1
ENSG0000	mucosal h	Inflamed	RP11-730K	antisense	chr11	1.21E+08	1.21E+08	-	2908	13.00239	0.095465	0.898485	0.268326	3.348488	0.00115	0.010992	1
ENSG0000	mucosal h	Inflamed	OAZ2	protein_cc	chr15	64979772	64995480	-	7671	2405.107	0	-0.35347	0.105569	-3.34822	0.001151	0.010998	1
ENSG0000	mucosal h	Inflamed	COL4A4	protein_cc	chr2	2.28E+08	2.28E+08	-	9895	342.2387	0	-0.93651	0.279745	-3.34774	0.001153	0.011011	1
ENSG0000	mucosal h	Inflamed	RP11-115K	antisense	chr17	36105206	36108563	+	660	22.98329	0.078759	1.051277	0.314084	3.347117	0.001155	0.011029	1
ENSG0000	mucosal h	Inflamed	STAC	protein_cc	chr3	36421836	36589499	+	4396	16.90453	0.102625	-0.8954	0.267592	-3.34614	0.001159	0.01106	1
ENSG0000	mucosal h	Inflamed	HAGHL	protein_cc	chr16	776936	785525	+	4890	106.1313	0	-0.64901	0.194022	-3.34501	0.001163	0.011097	1
ENSG0000	mucosal h	Inflamed	MIB2	protein_cc	chr1	1550795	1565990	+	8767	1785.327	0	0.333297	0.099667	3.344098	0.001167	0.011124	1
ENSG0000	mucosal h	Inflamed	ACO2	protein_cc	chr22	41865129	41924993	+	4041	11566.55	0	0.358112	0.10709	3.344036	0.001167	0.011124	1
ENSG0000	mucosal h	Inflamed	RP11-134F	lincRNA	chr1	2.03E+08	2.03E+08	-	2725	6.632458	0.231504	-0.74497	0.22279	-3.34382	0.001168	0.011127	1
ENSG0000	mucosal h	Inflamed	CD48	protein_cc	chr1	1.61E+08	1.61E+08	-	2494	835.5632	0	-0.70609	0.211211	-3.34304	0.001171	0.011149	1
ENSG0000	mucosal h	Inflamed	TSNARE1	protein_cc	chr8	1.43E+08	1.43E+08	-	4060	454.5036	0	0.459429	0.137431	3.342986	0.001171	0.011149	1
ENSG0000	mucosal h	Inflamed	CTD-2020I	antisense	chr17	43322553	43326203	-	1073	26.79475	0	0.506013	0.151383	3.342597	0.001172	0.011159	1
ENSG0000	mucosal h	Inflamed	PLAGL1	protein_cc	chr6	1.44E+08	1.44E+08	-	6178	1440.647	0	0.623735	0.186636	3.341986	0.001175	0.011177	1
ENSG0000	mucosal h	Inflamed	PLCD3	protein_cc	chr17	43186335	43210721	-	6750	11066.26	0	0.647371	0.193726	3.341685	0.001176	0.011184	1
ENSG0000	mucosal h	Inflamed	RP13-131K	lincRNA	chr3	49022918	49023396	-	479	13.16229	0.00716	0.487028	0.145757	3.341375	0.001177	0.011191	1
ENSG0000	mucosal h	Inflamed	AF127936	lincRNA	chr21	16191164	16254296	-	7034	74.7327	0	0.603615	0.180724	3.339977	0.001182	0.011238	1
ENSG0000	mucosal h	Inflamed	MT-TT	Mt_tRNA	chrM	15888	15953	+	66	184.3723	0.004773	0.74697	0.223658	3.339791	0.001183	0.011241	1
ENSG0000	mucosal h	Inflamed	PGAP2	protein_cc	chr11	3818954	3847601	+	3781	814.315	0	0.262621	0.078657	3.338787	0.001187	0.011269	1
ENSG0000	mucosal h	Inflamed	F5	protein_cc	chr1	1.69E+08	1.7E+08	-	7158	229.1671	0.004773	-1.03864	0.31109	-3.33871	0.001187	0.011269	1
ENSG0000	mucosal h	Inflamed	HDAC7	protein_cc	chr12	48176505	48226915	-	9936	3417.296	0	-0.6141	0.183938	-3.33864	0.001187	0.011269	1
ENSG0000	mucosal h	Inflamed	FOLH1	protein_cc	chr11	49168187	49230222	-	3824	124.5274	0.02148	-1.23032	0.368521	-3.33855	0.001188	0.011269	1
ENSG0000	mucosal h	Inflamed	FAM86HP	pseudoger	chr3	1.3E+08	1.3E+08	-	1301	41.82816	0.009547	0.571795	0.171326	3.337475	0.001192	0.011305	1
ENSG0000	mucosal h	Inflamed	GNB1L	protein_cc	chr22	19770747	19842462	-	6988	151.3174	0	-0.40679	0.121957	-3.33548	0.0012	0.011371	1
ENSG0000	mucosal h	Inflamed	ZNF844	protein_cc	chr19	12175514	12192380	+	6620	451.611	0	0.587839	0.176242	3.335399	0.0012	0.011371	1
ENSG0000	mucosal h	Inflamed	LINC0108E	antisense	chr4	79892902	80229952	+	3995	8.100239	0.073986	0.687938	0.206261	3.335277	0.0012	0.011371	1
ENSG0000	mucosal h	Inflamed	LINC0051S	lincRNA	chr14	51771134	51795104	-	682	4.422434	0.21957	-0.60832	0.182392	-3.33522	0.001201	0.011371	1
ENSG0000	mucosal h	Inflamed	C4orf36	protein_cc	chr4	87797358	87857354	-	5270	159.1599	0	0.446165	0.133787	3.334898	0.001202	0.011379	1
ENSG0000	mucosal h	Inflamed	ZSCAN9	protein_cc	chr6	28192664	28201260	+	3705	338.0191	0	0.459322	0.13776	3.334227	0.001205	0.011399	1
ENSG0000	mucosal h	Inflamed	TRBV5-1	TR_V_gene	chr7	1.42E+08	1.42E+08	+	652	42.92124	0.004773	-0.7687	0.230569	-3.33393	0.001206	0.011404	1
ENSG0000	mucosal h	Inflamed	UCN2	protein_cc	chr3	48599160	48601206	-	1481	63.98807	0.140811	-1.64002	0.491938	-3.33378	0.001206	0.011404	1

ENSG0000	mucosal h	Inflamed	FBXO2	protein_cc chr1	11708424	11715842	-	2333	74.20048	0	-0.87043	0.261097	-3.33375	0.001206	0.011404	1
ENSG0000	mucosal h	Inflamed	R3HDM4	protein_cc chr19	896503	913240	-	2961	3778.84	0	-0.3681	0.110422	-3.33362	0.001207	0.011405	1
ENSG0000	mucosal h	Inflamed	PGLYRP3	protein_cc chr1	1.53E+08	1.53E+08	-	1173	6.875895	0.46778	-1.0619	0.318606	-3.33294	0.00121	0.011422	1
ENSG0000	mucosal h	Inflamed	RP11-285F	antisense chr1	2.26E+08	2.26E+08	-	348	145.3007	0	0.524649	0.157413	3.332936	0.00121	0.011422	1
ENSG0000	mucosal h	Inflamed	AC097639	pseudoger chr3	32232239	32233119	+	881	8.782816	0.150358	0.729728	0.218966	3.332609	0.001211	0.01143	1
ENSG0000	mucosal h	Inflamed	GRAMD1A	protein_cc chr19	35485688	35517375	+	5942	2407.888	0	-0.66047	0.198197	-3.33241	0.001212	0.011433	1
ENSG0000	mucosal h	Inflamed	MRAS	protein_cc chr3	1.38E+08	1.38E+08	+	6315	488.7924	0	-0.67083	0.201347	-3.3317	0.001214	0.011455	1
ENSG0000	mucosal h	Inflamed	RHOQP1	pseudoger chr14	50066712	50067290	+	579	31.52983	0.009547	0.551261	0.165489	3.331096	0.001217	0.011474	1
ENSG0000	mucosal h	Inflamed	RRM2	protein_cc chr2	10262455	10271545	+	4954	2046.955	0	-0.57359	0.172236	-3.33026	0.00122	0.011496	1
ENSG0000	mucosal h	Inflamed	CEBPA-AS1	antisense chr19	33793763	33795960	+	2198	54.52745	0.002387	0.634245	0.190452	3.330202	0.00122	0.011496	1
ENSG0000	mucosal h	Inflamed	PIK3R5	protein_cc chr17	8782233	8869029	-	7501	1174.119	0	-0.68949	0.207045	-3.33017	0.00122	0.011496	1
ENSG0000	mucosal h	Inflamed	CASP4	protein_cc chr11	1.05E+08	1.05E+08	-	7256	1541.778	0	-0.64396	0.193398	-3.32969	0.001222	0.011509	1
ENSG0000	mucosal h	Inflamed	GALNT18	protein_cc chr11	11292423	11643552	-	3627	374.8926	0	-0.58913	0.17695	-3.32936	0.001224	0.011517	1
ENSG0000	mucosal h	Inflamed	HOXB2	protein_cc chr17	46618256	46623441	-	3460	287.9714	0	-0.50972	0.153121	-3.32886	0.001226	0.011532	1
ENSG0000	mucosal h	Inflamed	MTRNR2L1	protein_cc chr3	96335981	96337000	-	1020	986.4224	0	0.730802	0.219626	3.32748	0.001231	0.011579	1
ENSG0000	mucosal h	Inflamed	IL1R2	protein_cc chr2	1.03E+08	1.03E+08	+	3073	1308.783	0	0.761443	0.228849	3.327278	0.001232	0.011583	1
ENSG0000	mucosal h	Inflamed	AL512428	miRNA chr6	24840195	24840293	-	99	3.756563	0.439141	-0.75948	0.228273	-3.32708	0.001233	0.011586	1
ENSG0000	mucosal h	Inflamed	NPIPA2	protein_cc chr16	14841923	14859270	+	1428	4.50358	0.238663	0.577052	0.173463	3.326655	0.001234	0.011598	1
ENSG0000	mucosal h	Inflamed	PGM1	protein_cc chr1	64058947	64125916	+	4090	3948.356	0	0.378804	0.113894	3.325941	0.001237	0.01162	1
ENSG0000	mucosal h	Inflamed	RP11-203J	processed_chr9	1.31E+08	1.31E+08	-	1160	107.1814	0.01432	1.15448	0.347125	3.32583	0.001238	0.01162	1
ENSG0000	mucosal h	Inflamed	TTR	protein_cc chr18	29171689	29178974	+	2070	18.71599	0.042959	0.874566	0.262996	3.325394	0.001239	0.011632	1
ENSG0000	mucosal h	Inflamed	ANXA6	protein_cc chr5	1.5E+08	1.51E+08	-	5427	4451.086	0	-0.63664	0.191454	-3.32528	0.00124	0.011632	1
ENSG0000	mucosal h	Inflamed	VSIG2	protein_cc chr11	1.25E+08	1.25E+08	-	1432	4622.332	0	0.883068	0.265593	3.324885	0.001241	0.011643	1
ENSG0000	mucosal h	Inflamed	KCNK12	protein_cc chr2	47743720	47798078	-	6685	54.25776	0.004773	-0.91834	0.276274	-3.32403	0.001245	0.011671	1
ENSG0000	mucosal h	Inflamed	FAM168B	protein_cc chr2	1.32E+08	1.32E+08	-	5435	5770.408	0	0.426273	0.12825	3.323767	0.001246	0.011677	1
ENSG0000	mucosal h	Inflamed	CHST3	protein_cc chr10	73724123	73773322	+	6970	790.6945	0	-0.88459	0.266149	-3.32366	0.001246	0.011677	1
ENSG0000	mucosal h	Inflamed	TREML3P	pseudoger chr6	41176292	41190382	-	1230	7.735084	0.443914	-1.03803	0.312396	-3.3228	0.00125	0.011705	1
ENSG0000	mucosal h	Inflamed	GRTP1	protein_cc chr13	1.14E+08	1.14E+08	-	2656	1183.621	0	0.629019	0.18934	3.322165	0.001252	0.011725	1
ENSG0000	mucosal h	Inflamed	NR5A2	protein_cc chr1	2E+08	2E+08	+	7795	967.3317	0	0.662926	0.199571	3.321758	0.001254	0.011734	1
ENSG0000	mucosal h	Inflamed	FAM47E-S	protein_cc chr4	77172886	77232752	+	4003	132.4129	0.002387	0.688378	0.207237	3.321688	0.001254	0.011734	1
ENSG0000	mucosal h	Inflamed	N6AMT1	protein_cc chr21	30244513	30257693	-	4865	331.864	0	0.563149	0.169558	3.321278	0.001256	0.011746	1
ENSG0000	mucosal h	Inflamed	RP4-669P1	pseudoger chr22	42528550	42529005	+	456	12.59666	0.062053	0.732406	0.220531	3.321106	0.001257	0.011748	1
ENSG0000	mucosal h	Inflamed	CCR2	protein_cc chr3	46395225	46402419	+	3733	420.3556	0	-0.89427	0.269301	-3.3207	0.001258	0.011759	1
ENSG0000	mucosal h	Inflamed	ZNF665	protein_cc chr19	53662466	53696639	-	5808	43.83294	0.004773	0.675244	0.203379	3.320131	0.001261	0.011777	1
ENSG0000	mucosal h	Inflamed	SLC16A3	protein_cc chr17	80186273	80219005	+	8995	7155.663	0	-0.52493	0.158124	-3.31972	0.001262	0.011785	1
ENSG0000	mucosal h	Inflamed	ACP2	protein_cc chr11	47260853	47270457	-	3484	2668.389	0	-0.23079	0.06952	-3.3197	0.001262	0.011785	1
ENSG0000	mucosal h	Inflamed	LEAP2	protein_cc chr5	1.32E+08	1.32E+08	+	2405	120.3461	0	0.869412	0.261951	3.318985	0.001265	0.011808	1
ENSG0000	mucosal h	Inflamed	SPRY2	protein_cc chr13	80910111	80915086	-	3289	1721.523	0	0.481915	0.145209	3.318765	0.001266	0.011808	1
ENSG0000	mucosal h	Inflamed	ZNF816	protein_cc chr19	53430388	53466164	-	5644	229.7613	0	0.638178	0.192299	3.318682	0.001266	0.011808	1
ENSG0000	mucosal h	Inflamed	SH3TC1	protein_cc chr4	8183799	8243530	+	10593	1155.635	0	-0.63443	0.191171	-3.31864	0.001267	0.011808	1

ENSG0000	mucosal h	Inflamed	PHLDA1	protein_cc	chr12	76419227	76427712	-	8069	2641.68	0	-0.8933	0.269217	-3.31813	0.001269	0.011823	1
ENSG0000	mucosal h	Inflamed	CAMK2N2	protein_cc	chr3	1.84E+08	1.84E+08	-	1362	10.98568	0.052506	-0.83102	0.250483	-3.31767	0.001271	0.011837	1
ENSG0000	mucosal h	Inflamed	RP11-834C	pseudoger	chr12	54470622	54475687	-	1390	19.91647	0.023866	-0.68607	0.206815	-3.3173	0.001272	0.011847	1
ENSG0000	mucosal h	Inflamed	IL37	protein_cc	chr2	1.14E+08	1.14E+08	+	839	7.071599	0.221957	0.806458	0.24313	3.316987	0.001273	0.011854	1
ENSG0000	mucosal h	Inflamed	SLC22A18	protein_cc	chr11	2909010	2924970	-	1782	666.5418	0	0.716251	0.215977	3.316328	0.001276	0.011875	1
ENSG0000	mucosal h	Inflamed	PCSK2	protein_cc	chr20	17206752	17465223	+	7078	129.0191	0.011933	1.240459	0.374165	3.315269	0.00128	0.011912	1
ENSG0000	mucosal h	Inflamed	RP11-244C	sense_ove	chr9	1.25E+08	1.25E+08	-	3779	130.8974	0.002387	0.494163	0.149111	3.314075	0.001285	0.011953	1
ENSG0000	mucosal h	Inflamed	IGLV10-54	IG_V_gene	chr22	22569184	22569660	+	365	2372.797	0.00716	-1.27054	0.383444	-3.31349	0.001288	0.01197	1
ENSG0000	mucosal h	Inflamed	SEMA4D	protein_cc	chr9	91975702	92113045	-	14160	3351.649	0	-0.58425	0.176329	-3.31342	0.001288	0.01197	1
ENSG0000	mucosal h	Inflamed	RP11-5411	sense_ove	chr10	1.06E+08	1.06E+08	-	2388	149.8377	0.002387	0.58749	0.177344	3.312717	0.001291	0.011993	1
ENSG0000	mucosal h	Inflamed	PLD3	protein_cc	chr19	40854363	40886346	+	5184	8170.141	0	-0.42442	0.128122	-3.31261	0.001291	0.011993	1
ENSG0000	mucosal h	Inflamed	RP11-455F	antisense	chr16	30194826	30196278	-	811	40.42482	0.00716	-0.78415	0.236742	-3.31226	0.001293	0.012002	1
ENSG0000	mucosal h	Inflamed	LINC00941	lincRNA	chr12	30947977	30955645	+	2856	13.74463	0.231504	-1.07062	0.323408	-3.31044	0.0013	0.012068	1
ENSG0000	mucosal h	Inflamed	CECR6	protein_cc	chr22	17597189	17602257	-	5069	64.95943	0.00716	-0.76484	0.231073	-3.30994	0.001303	0.012083	1
ENSG0000	mucosal h	Inflamed	LG11	protein_cc	chr10	95517566	95557916	+	2854	17.95943	0.097852	1.146534	0.346461	3.309277	0.001305	0.012105	1
ENSG0000	mucosal h	Inflamed	ARL11	protein_cc	chr13	50202435	50208008	+	3826	130.7995	0	-0.59867	0.180919	-3.30903	0.001306	0.01211	1
ENSG0000	mucosal h	Inflamed	LY9	protein_cc	chr1	1.61E+08	1.61E+08	+	9121	388.6301	0	-0.77547	0.234417	-3.30806	0.00131	0.012143	1
ENSG0000	mucosal h	Inflamed	DEPTOR	protein_cc	chr8	1.21E+08	1.21E+08	+	2622	352.3461	0	0.633544	0.191588	3.306803	0.001316	0.012188	1
ENSG0000	mucosal h	Inflamed	HIF3A	protein_cc	chr19	46800303	46846690	+	8371	171.7613	0.00716	1.071622	0.324142	3.306028	0.001319	0.012214	1
ENSG0000	mucosal h	Inflamed	RP5-857K2	pseudoger	chr1	568137	568818	+	682	2554.248	0	0.520001	0.15736	3.304537	0.001325	0.012269	1
ENSG0000	mucosal h	Inflamed	CLDN1	protein_cc	chr3	1.9E+08	1.9E+08	-	3663	406.5871	0.004773	-1.13605	0.343802	-3.30438	0.001326	0.012271	1
ENSG0000	mucosal h	Inflamed	PBLD	protein_cc	chr10	70042417	70092806	-	5172	1321.263	0	1.001025	0.302957	3.30418	0.001327	0.012274	1
ENSG0000	mucosal h	Inflamed	CYP24A1	protein_cc	chr20	52769988	52790512	-	3972	77.91647	0.217184	-1.6135	0.488346	-3.30402	0.001328	0.012276	1
ENSG0000	mucosal h	Inflamed	GRAMD4	protein_cc	chr22	46971909	47075688	+	4886	5246.093	0	0.512295	0.155058	3.303902	0.001328	0.012276	1
ENSG0000	mucosal h	Inflamed	ANKLE1	protein_cc	chr19	17392454	17398455	+	3569	48.37232	0.016706	-0.7318	0.221513	-3.30364	0.001329	0.012282	1
ENSG0000	mucosal h	Inflamed	ZDHHC1	protein_cc	chr16	67428322	67450736	-	3261	389.9332	0	0.398812	0.120758	3.302576	0.001334	0.01232	1
ENSG0000	mucosal h	Inflamed	SMIM7	protein_cc	chr19	16741562	16771253	-	6020	1074.695	0	0.234283	0.070949	3.302144	0.001336	0.012333	1
ENSG0000	mucosal h	Inflamed	BCL2L12	protein_cc	chr19	50168823	50177173	+	1743	494.8496	0	-0.36548	0.110698	-3.30161	0.001338	0.01235	1
ENSG0000	mucosal h	Inflamed	AGAP2	protein_cc	chr12	58118980	58135940	-	5292	559.4272	0	-0.7305	0.221277	-3.30128	0.001339	0.012359	1
ENSG0000	mucosal h	Inflamed	MIR1587	lincRNA	chrX	39696790	39707612	-	1976	4.599045	0.21957	-0.60812	0.184252	-3.3005	0.001343	0.012385	1
ENSG0000	mucosal h	Inflamed	GFPT2	protein_cc	chr5	1.8E+08	1.8E+08	-	4780	379.6038	0.002387	-1.13125	0.342851	-3.29952	0.001347	0.012418	1
ENSG0000	mucosal h	Inflamed	RUFY4	protein_cc	chr2	2.19E+08	2.19E+08	+	4357	51.49881	0.01432	-0.94557	0.286584	-3.29944	0.001347	0.012418	1
ENSG0000	mucosal h	Inflamed	ALDH3B2	protein_cc	chr11	67429633	67448671	-	3235	28.04296	0.033413	-1.01907	0.308897	-3.29907	0.001349	0.012429	1
ENSG0000	mucosal h	Inflamed	LRRFIP2	protein_cc	chr3	37094117	37225180	-	10674	2353.905	0	0.416302	0.126194	3.298895	0.00135	0.012431	1
ENSG0000	mucosal h	Inflamed	ST6GALNA	protein_cc	chr9	1.31E+08	1.31E+08	-	2630	1968.535	0	-0.43668	0.132397	-3.2983	0.001352	0.012451	1
ENSG0000	mucosal h	Inflamed	LRRC26	protein_cc	chr9	1.4E+08	1.4E+08	-	1209	999.4439	0.00716	1.146084	0.347491	3.29817	0.001353	0.012452	1
ENSG0000	mucosal h	Inflamed	TKT	protein_cc	chr3	53258723	53290068	-	9507	9892.785	0	-0.29305	0.088873	-3.29741	0.001356	0.012477	1
ENSG0000	mucosal h	Inflamed	FBXO25	protein_cc	chr8	356428	421225	+	4004	662.642	0	0.396456	0.120236	3.297306	0.001356	0.012477	1
ENSG0000	mucosal h	Inflamed	HOXA2	protein_cc	chr7	27139721	27142430	-	2066	84.87112	0.004773	0.744183	0.225729	3.296794	0.001359	0.012494	1
ENSG0000	mucosal h	Inflamed	TEN1-CDK	processed	chr17	73975312	74002080	+	3898	83.99761	0.01432	0.717059	0.217531	3.296351	0.001361	0.012506	1

ENSG0000	mucosal h	Inflamed	G6PD	protein_cc	chrX	1.54E+08	1.54E+08	-	3709	1935.864	0	-0.39747	0.120582	-3.29626	0.001361	0.012506	1
ENSG0000	mucosal h	Inflamed	CTB-32O4	lincRNA	chr19	29704142	29706722	+	817	1.792363	0.534606	0.489137	0.1484	3.296066	0.001362	0.01251	1
ENSG0000	mucosal h	Inflamed	RP11-188F	antisense	chr3	43388415	43389135	-	721	13.8926	0.097852	0.859429	0.260806	3.295285	0.001365	0.012537	1
ENSG0000	mucosal h	Inflamed	TAPSAR1	lincRNA	chr6	32811863	32814272	+	1951	681.4726	0	-0.47119	0.143029	-3.29434	0.001369	0.01257	1
ENSG0000	mucosal h	Inflamed	PON3	protein_cc	chr7	94989256	95025680	-	4040	52.94511	0.004773	0.722773	0.219407	3.294213	0.00137	0.012571	1
ENSG0000	mucosal h	Inflamed	RP11-73M	antisense	chr1	32037186	32041174	-	591	94.15274	0.004773	0.879769	0.267116	3.293578	0.001373	0.012588	1
ENSG0000	mucosal h	Inflamed	WDR59	protein_cc	chr16	74907468	75034071	-	7218	1206.699	0	0.304468	0.092443	3.293568	0.001373	0.012588	1
ENSG0000	mucosal h	Inflamed	GRAMD3	protein_cc	chr5	1.26E+08	1.26E+08	+	5051	1201.594	0	0.659297	0.200186	3.293425	0.001373	0.01259	1
ENSG0000	mucosal h	Inflamed	SPATA17	protein_cc	chr1	2.18E+08	2.18E+08	+	6515	11.47017	0.02148	0.523012	0.158835	3.292799	0.001376	0.012606	1
ENSG0000	mucosal h	Inflamed	PRAF2	protein_cc	chrX	48928813	48931730	-	1738	457.8329	0	-0.53226	0.161642	-3.29279	0.001376	0.012606	1
ENSG0000	mucosal h	Inflamed	CTC-273B1	lincRNA	chr19	48969623	48970237	+	615	7.599045	0.040573	0.532724	0.16184	3.291676	0.001381	0.012646	1
ENSG0000	mucosal h	Inflamed	LRTOMT	protein_cc	chr11	71791382	71821828	+	6136	224.7804	0	0.284214	0.086345	3.291599	0.001381	0.012646	1
ENSG0000	mucosal h	Inflamed	SLC35G2	protein_cc	chr3	1.37E+08	1.37E+08	+	4287	74.97136	0.004773	-0.80731	0.245321	-3.29085	0.001385	0.012672	1
ENSG0000	mucosal h	Inflamed	LMX1A	protein_cc	chr1	1.65E+08	1.65E+08	-	4185	25.10263	0.083532	1.058984	0.321869	3.290104	0.001388	0.012697	1
ENSG0000	mucosal h	Inflamed	LINC01022	antisense	chr7	1.58E+08	1.58E+08	+	394	0.949881	0.732697	0.399993	0.121585	3.289833	0.001389	0.012704	1
ENSG0000	mucosal h	Inflamed	RP11-561C	pseudoger	chr15	85798600	85873565	-	5516	23.40811	0.02148	-0.85042	0.25857	-3.28894	0.001393	0.012736	1
ENSG0000	mucosal h	Inflamed	CYP2B7P1	pseudoger	chr19	41430124	41456565	+	4064	123.3914	0.011933	1.135225	0.345207	3.288533	0.001395	0.012748	1
ENSG0000	mucosal h	Inflamed	RAD52	protein_cc	chr12	1021243	1099219	-	4190	583.5704	0	0.803441	0.244367	3.287845	0.001398	0.012772	1
ENSG0000	mucosal h	Inflamed	AJAP1	protein_cc	chr1	4714792	4852594	+	12405	106.7327	0.009547	-1.16391	0.354092	-3.28703	0.001402	0.012801	1
ENSG0000	mucosal h	Inflamed	SLC10A5	protein_cc	chr8	82605842	82608409	-	2568	54.09069	0.009547	0.979474	0.298002	3.28681	0.001403	0.012805	1
ENSG0000	mucosal h	Inflamed	RBPM5-AS	antisense	chr8	30239635	30242917	-	1171	16.65632	0.0358	-0.6561	0.199631	-3.28655	0.001404	0.012807	1
ENSG0000	mucosal h	Inflamed	CHST10	protein_cc	chr2	1.01E+08	1.01E+08	-	4482	134.3747	0	-0.67306	0.204794	-3.28654	0.001404	0.012807	1
ENSG0000	mucosal h	Inflamed	CCL24	protein_cc	chr7	75440983	75452674	-	617	1517.63	0	-0.68227	0.207609	-3.2863	0.001405	0.012812	1
ENSG0000	mucosal h	Inflamed	DCAF4	protein_cc	chr14	73393040	73426411	+	5581	408.7232	0	0.387133	0.117805	3.286222	0.001405	0.012812	1
ENSG0000	mucosal h	Inflamed	RP11-158M	antisense	chr15	86298172	86299468	-	855	6.27685	0.183771	0.676576	0.205951	3.285131	0.00141	0.012852	1
ENSG0000	mucosal h	Inflamed	SRSF8	pseudoger	chr11	94800056	94804388	+	4331	583.3437	0	0.492128	0.149827	3.284651	0.001412	0.012867	1
ENSG0000	mucosal h	Inflamed	AMN	protein_cc	chr14	1.03E+08	1.03E+08	+	4646	5983.274	0	0.915186	0.278643	3.284443	0.001413	0.012871	1
ENSG0000	mucosal h	Inflamed	RP11-500C	antisense	chr6	17706488	17707575	+	1088	40.0358	0	-0.61118	0.186109	-3.28397	0.001416	0.012886	1
ENSG0000	mucosal h	Inflamed	WVVOX	protein_cc	chr16	78133310	79246564	+	4886	222.9809	0	-0.33997	0.10353	-3.28377	0.001416	0.012887	1
ENSG0000	mucosal h	Inflamed	MAPKAPK1	protein_cc	chr12	1.12E+08	1.12E+08	+	5576	1320.215	0	0.350761	0.106818	3.283728	0.001417	0.012887	1
ENSG0000	mucosal h	Inflamed	BHLHE22	protein_cc	chr8	65492814	65496181	+	3368	122.8401	0.019093	-1.07726	0.328088	-3.28346	0.001418	0.012894	1
ENSG0000	mucosal h	Inflamed	AC007395	pseudoger	chr2	71037930	71038606	-	677	0.902148	0.792363	0.404517	0.123202	3.283353	0.001418	0.012894	1
ENSG0000	mucosal h	Inflamed	CAMP	protein_cc	chr3	48264837	48266981	+	745	8.221957	0.25537	-0.9332	0.284273	-3.28275	0.001421	0.012914	1
ENSG0000	mucosal h	Inflamed	LIPN	protein_cc	chr10	90521163	90537999	+	1197	7.47494	0.448687	-1.05869	0.32253	-3.28246	0.001422	0.012922	1
ENSG0000	mucosal h	Inflamed	FCHO1	protein_cc	chr19	17858527	17899377	+	5700	557.0835	0	-0.53837	0.164023	-3.28229	0.001423	0.012924	1
ENSG0000	mucosal h	Inflamed	PREX1	protein_cc	chr20	47240790	47444420	-	7044	4081.931	0	-0.70666	0.215309	-3.28207	0.001424	0.012927	1
ENSG0000	mucosal h	Inflamed	LINC00958	lincRNA	chr11	12984057	13011095	-	2202	1.081146	0.75179	0.467443	0.14243	3.281917	0.001425	0.012927	1
ENSG0000	mucosal h	Inflamed	SERINC2	protein_cc	chr1	31882412	31907525	+	3520	13701.91	0	0.617119	0.188037	3.281905	0.001425	0.012927	1
ENSG0000	mucosal h	Inflamed	DNAJB9	protein_cc	chr7	1.08E+08	1.08E+08	+	2837	1327.58	0	-0.68503	0.208757	-3.28147	0.001427	0.012941	1
ENSG0000	mucosal h	Inflamed	C1orf61	protein_cc	chr1	1.56E+08	1.56E+08	-	12314	20.03819	0.016706	-0.78131	0.238117	-3.28119	0.001428	0.012947	1

ENSG0000	mucosal h	Inflamed	SIT1	protein_cc	chr9	35649292	35650937	-	1286	205.895	0	-0.69906	0.213093	-3.28052	0.001431	0.012971	1
ENSG0000	mucosal h	Inflamed	ASPG	protein_cc	chr14	1.05E+08	1.05E+08	+	3305	240.0621	0.002387	1.059448	0.322964	3.280389	0.001432	0.012972	1
ENSG0000	mucosal h	Inflamed	TTC7B	protein_cc	chr14	91006932	91282823	-	5244	321.1504	0	-0.56023	0.170792	-3.2802	0.001433	0.012975	1
ENSG0000	mucosal h	Inflamed	HIST1H2BJ	protein_cc	chr6	27093676	27100541	-	1100	47.37947	0	-0.55429	0.16899	-3.28	0.001434	0.012979	1
ENSG0000	mucosal h	Inflamed	PPP1R17	protein_cc	chr7	31726329	31748069	+	2384	1.286396	0.789976	-0.63884	0.194777	-3.27984	0.001434	0.012979	1
ENSG0000	mucosal h	Inflamed	RAP1GAP	protein_cc	chr1	21922708	21995801	-	5650	3014.356	0	0.97167	0.296261	3.279773	0.001435	0.012979	1
ENSG0000	mucosal h	Inflamed	RPS14P3	pseudoger	chr1	19934608	19935062	+	455	20.29833	0.01432	0.675363	0.205938	3.279456	0.001436	0.012988	1
ENSG0000	mucosal h	Inflamed	MRPL35	protein_cc	chr2	86426478	86440917	+	3829	1334.301	0	0.530803	0.161879	3.279008	0.001438	0.013002	1
ENSG0000	mucosal h	Inflamed	MRVI1-AS:	antisense	chr11	10562819	10621479	+	1403	2.207637	0.582339	-0.63471	0.193595	-3.27854	0.00144	0.013017	1
ENSG0000	mucosal h	Inflamed	RPIA	protein_cc	chr2	88991162	89050452	+	1848	832.4391	0	0.336052	0.102517	3.278026	0.001443	0.013034	1
ENSG0000	mucosal h	Inflamed	MIR192	miRNA	chr11	64658609	64658718	-	110	100.8043	0.009547	0.953385	0.290893	3.277439	0.001445	0.013054	1
ENSG0000	mucosal h	Inflamed	RP11-47G:	pseudoger	chr10	1.26E+08	1.26E+08	-	525	7.331742	0.210024	-0.82156	0.250722	-3.27679	0.001448	0.013077	1
ENSG0000	mucosal h	Inflamed	MLXIP	protein_cc	chr12	1.23E+08	1.23E+08	+	13905	19604.41	0	0.522392	0.159431	3.276607	0.001449	0.01308	1
ENSG0000	mucosal h	Inflamed	ARHGAP15	protein_cc	chr2	1.44E+08	1.45E+08	+	7743	250.4893	0	-0.68466	0.208977	-3.27627	0.001451	0.013089	1
ENSG0000	mucosal h	Inflamed	LAIR2	protein_cc	chr19	55009100	55021897	+	1078	19.56563	0.083532	-1.00244	0.306114	-3.27472	0.001458	0.01315	1
ENSG0000	mucosal h	Inflamed	TRBV30	TR_V_gene	chr7	1.43E+08	1.43E+08	-	447	14.08831	0.112172	-0.77329	0.236177	-3.27419	0.00146	0.013167	1
ENSG0000	mucosal h	Inflamed	RP11-4O1:	sense_ove	chr9	1.15E+08	1.15E+08	-	4836	188.2792	0	0.619014	0.189118	3.273161	0.001465	0.0132	1
ENSG0000	mucosal h	Inflamed	PGD	protein_cc	chr1	10458649	10480201	+	3171	4354.248	0	-0.36405	0.111227	-3.27303	0.001466	0.0132	1
ENSG0000	mucosal h	Inflamed	FBXL14	protein_cc	chr12	1675159	1703331	-	2287	1099.203	0	0.435889	0.133183	3.272849	0.001467	0.0132	1
ENSG0000	mucosal h	Inflamed	BATF3	protein_cc	chr1	2.13E+08	2.13E+08	-	2713	129.3675	0	-0.77197	0.235871	-3.27283	0.001467	0.0132	1
ENSG0000	mucosal h	Inflamed	RP11-1055	lincRNA	chr17	79361930	79364056	-	1561	123.3413	0.009547	0.824347	0.251876	3.272831	0.001467	0.0132	1
ENSG0000	mucosal h	Inflamed	IGKV2D-2f	IG_V_gene	chr2	90024732	90025512	+	390	9.305489	0.381862	-1.0439	0.318968	-3.27276	0.001467	0.0132	1
ENSG0000	mucosal h	Inflamed	CYB5R2	protein_cc	chr11	7686331	7698453	-	8596	202.0525	0	-0.51536	0.15748	-3.27255	0.001468	0.013205	1
ENSG0000	mucosal h	Inflamed	PI4KAP1	pseudoger	chr22	20383524	20427835	-	4808	431.8067	0	0.759334	0.232069	3.272012	0.001471	0.013219	1
ENSG0000	mucosal h	Inflamed	TPBGL	protein_cc	chr11	74951950	74954742	+	2793	35.87112	0.01432	-0.833	0.254585	-3.272	0.001471	0.013219	1
ENSG0000	mucosal h	Inflamed	HSPA12B	protein_cc	chr20	3713314	3733758	+	3173	369.8592	0	-0.776	0.237173	-3.27186	0.001471	0.01322	1
ENSG0000	mucosal h	Inflamed	NFKB2	protein_cc	chr10	1.04E+08	1.04E+08	+	4479	3174.819	0	-0.58519	0.178864	-3.27169	0.001472	0.013223	1
ENSG0000	mucosal h	Inflamed	DUSP2	protein_cc	chr2	96808905	96811179	-	1932	296.358	0	-0.82459	0.252075	-3.27123	0.001474	0.013233	1
ENSG0000	mucosal h	Inflamed	PRCP	protein_cc	chr11	82534544	82681626	-	6482	2453.675	0	-0.54496	0.166591	-3.27123	0.001474	0.013233	1
ENSG0000	mucosal h	Inflamed	PPP3CC	protein_cc	chr8	22298332	22398652	+	2896	414.9737	0	-0.45914	0.140361	-3.27112	0.001475	0.013233	1
ENSG0000	mucosal h	Inflamed	RP11-166C	lincRNA	chr7	66800963	66805011	+	489	13.03341	0.073986	0.69871	0.213614	3.270906	0.001476	0.013238	1
ENSG0000	mucosal h	Inflamed	MICA	protein_cc	chr6	31371356	31383092	+	1386	662.7351	0	0.397807	0.121631	3.270617	0.001477	0.013243	1
ENSG0000	mucosal h	Inflamed	PLA2G2D	protein_cc	chr1	20438432	20446050	-	2672	709.8329	0.002387	-1.3556	0.414484	-3.27057	0.001477	0.013243	1
ENSG0000	mucosal h	Inflamed	RLIMP2	pseudoger	chr1	1.14E+08	1.14E+08	-	1563	2.801909	0.52506	-0.67872	0.207562	-3.26994	0.00148	0.013265	1
ENSG0000	mucosal h	Inflamed	FMO4	protein_cc	chr1	1.71E+08	1.71E+08	+	2517	199.7041	0	0.732399	0.224003	3.269594	0.001482	0.013274	1
ENSG0000	mucosal h	Inflamed	RP5-1031I	lincRNA	chr10	7487520	7513904	-	557	3.868735	0.331742	-0.7359	0.225079	-3.26952	0.001482	0.013274	1
ENSG0000	mucosal h	Inflamed	MT-TY	Mt_tRNA	chrM	5826	5891	-	66	53.00955	0	0.646509	0.197748	3.269352	0.001483	0.013276	1
ENSG0000	mucosal h	Inflamed	LTA	protein_cc	chr6	31539831	31542101	+	1737	100.5012	0.002387	-0.82191	0.251414	-3.26916	0.001484	0.01328	1
ENSG0000	mucosal h	Inflamed	C20orf195	protein_cc	chr20	62184373	62188061	+	1201	8.427208	0.081146	-0.62888	0.192412	-3.2684	0.001488	0.013308	1
ENSG0000	mucosal h	Inflamed	LCK	protein_cc	chr1	32716840	32751766	+	3337	916.7613	0	-0.61143	0.187124	-3.2675	0.001492	0.013342	1

ENSG0000	mucosal h	Inflamed	BCAT1	protein_cc	chr12	24964295	25102393	-	10372	237.4129	0	-0.932	0.285258	-3.26722	0.001493	0.013346	1
ENSG0000	mucosal h	Inflamed	IFI6	protein_cc	chr1	27992572	27998729	-	865	1111.764	0	-0.67113	0.205417	-3.26719	0.001493	0.013346	1
ENSG0000	mucosal h	Inflamed	PDE1B	protein_cc	chr12	54943134	54973023	+	7457	251.7017	0	-0.66733	0.20432	-3.26613	0.001499	0.013386	1
ENSG0000	mucosal h	Inflamed	TGIF2	protein_cc	chr20	35201891	35222353	+	3784	655.6158	0	-0.55563	0.170156	-3.26542	0.001502	0.013401	1
ENSG0000	mucosal h	Inflamed	GRIK1	protein_cc	chr21	30909254	31312351	-	4248	2.348449	0.479714	-0.54681	0.167457	-3.26537	0.001502	0.013401	1
ENSG0000	mucosal h	Inflamed	RP11-28H1	lincRNA	chr15	80985557	80986048	-	492	6.078759	0.143198	0.609958	0.186798	3.265331	0.001502	0.013401	1
ENSG0000	mucosal h	Inflamed	AC008074	antisense	chr2	64622354	64680932	-	723	6.047733	0.102625	0.590491	0.180844	3.265197	0.001503	0.013401	1
ENSG0000	mucosal h	Inflamed	CD44	protein_cc	chr11	35160417	35253949	+	10060	11319.93	0	-0.661	0.20244	-3.26514	0.001503	0.013401	1
ENSG0000	mucosal h	Inflamed	OGFR	protein_cc	chr20	61436187	61445352	+	4702	3188.752	0	-0.36704	0.112413	-3.26513	0.001503	0.013401	1
ENSG0000	mucosal h	Inflamed	MFSD9	protein_cc	chr2	1.03E+08	1.03E+08	-	4367	1212.535	0	0.425172	0.130235	3.264662	0.001506	0.013417	1
ENSG0000	mucosal h	Inflamed	ZNF620	protein_cc	chr3	40547483	40560227	+	3457	99.35561	0.004773	0.580296	0.177789	3.263965	0.001509	0.013442	1
ENSG0000	mucosal h	Inflamed	CDK18	protein_cc	chr1	2.05E+08	2.06E+08	+	7580	1351.103	0	0.481602	0.147563	3.263704	0.00151	0.013449	1
ENSG0000	mucosal h	Inflamed	RP11-678C	antisense	chr19	21737442	21752039	-	447	3.367542	0.415274	0.588888	0.180453	3.26339	0.001512	0.013458	1
ENSG0000	mucosal h	Inflamed	FAM65C	protein_cc	chr20	49202645	49308065	-	6009	875.1146	0	-0.91243	0.279608	-3.26323	0.001512	0.01346	1
ENSG0000	mucosal h	Inflamed	DNAJC12	protein_cc	chr10	69556427	69597924	-	2117	223.7947	0	0.727741	0.223041	3.262818	0.001514	0.013473	1
ENSG0000	mucosal h	Inflamed	DDX39A	protein_cc	chr19	14519631	14530192	-	3837	2061.847	0	-0.26429	0.081012	-3.26237	0.001517	0.013479	1
ENSG0000	mucosal h	Inflamed	AF165138	protein_cc	chr21	15964251	16031142	-	1889	1.792363	0.649165	-0.60579	0.18569	-3.26237	0.001517	0.013479	1
ENSG0000	mucosal h	Inflamed	MT-ND3	protein_cc	chrM	10059	10404	+	346	137287.9	0	0.572295	0.175424	3.262355	0.001517	0.013479	1
ENSG0000	mucosal h	Inflamed	AP001187	pseudoger	chr11	64657298	64657758	-	459	363.8449	0	1.034787	0.317224	3.262007	0.001518	0.013485	1
ENSG0000	mucosal h	Inflamed	RP11-733C	lincRNA	chrX	5571462	5644346	-	976	7.742243	0.119332	0.570214	0.174805	3.262002	0.001518	0.013485	1
ENSG0000	mucosal h	Inflamed	AKIRIN2	protein_cc	chr6	88384790	88411927	-	1999	1734.864	0	-0.35609	0.109169	-3.26185	0.001519	0.013487	1
ENSG0000	mucosal h	Inflamed	RP11-293F	antisense	chr1	24367325	24413289	+	454	2.935561	0.441527	0.419432	0.128594	3.261688	0.00152	0.01349	1
ENSG0000	mucosal h	Inflamed	ACAD10	protein_cc	chr12	1.12E+08	1.12E+08	+	8926	1679.146	0	0.420117	0.12882	3.261266	0.001522	0.013503	1
ENSG0000	mucosal h	Inflamed	RP11-575C	pseudoger	chr12	1.01E+08	1.01E+08	+	1454	1.735084	0.544153	0.469167	0.143878	3.26086	0.001524	0.013516	1
ENSG0000	mucosal h	Inflamed	GS1-204I1	lincRNA	chr1	1.86E+08	1.86E+08	+	901	6.334129	0.243437	0.834972	0.256085	3.260528	0.001525	0.013526	1
ENSG0000	mucosal h	Inflamed	ZNF259P1	pseudoger	chr6	1.09E+08	1.09E+08	-	4928	2.155131	0.505967	0.52193	0.160081	3.260404	0.001526	0.013527	1
ENSG0000	mucosal h	Inflamed	GALNT14	protein_cc	chr2	31133333	31378068	-	4567	49.821	0.047733	-1.17154	0.359355	-3.26014	0.001527	0.013532	1
ENSG0000	mucosal h	Inflamed	RP11-21C4	antisense	chr8	65486863	65494445	-	2875	13.85919	0.128878	-0.89276	0.273848	-3.26005	0.001528	0.013532	1
ENSG0000	mucosal h	Inflamed	SMAP2	protein_cc	chr1	40810522	40888998	+	3436	4015.2	0	-0.58464	0.179401	-3.25886	0.001534	0.013579	1
ENSG0000	mucosal h	Inflamed	REPS2	protein_cc	chrX	16964814	17171395	+	11361	833.9976	0	0.472244	0.144925	3.258543	0.001535	0.013588	1
ENSG0000	mucosal h	Inflamed	CNTNAP2	protein_cc	chr7	1.46E+08	1.48E+08	+	10308	202.5704	0	0.815683	0.250342	3.258281	0.001536	0.013591	1
ENSG0000	mucosal h	Inflamed	VASH1	protein_cc	chr14	77228532	77249354	+	6498	2023.391	0	-0.56402	0.173104	-3.25827	0.001536	0.013591	1
ENSG0000	mucosal h	Inflamed	ALDH6A1	protein_cc	chr14	74523553	74551196	-	6680	1296.22	0	0.536986	0.164819	3.258027	0.001538	0.013597	1
ENSG0000	mucosal h	Inflamed	OBP2A	protein_cc	chr9	1.38E+08	1.38E+08	+	1018	3.47494	0.687351	-0.71905	0.220768	-3.25705	0.001542	0.013635	1
ENSG0000	mucosal h	Inflamed	CDH5	protein_cc	chr16	66400533	66438686	+	5961	1951.914	0	-0.92073	0.282749	-3.25635	0.001546	0.01366	1
ENSG0000	mucosal h	Inflamed	LINC00969	lincRNA	chr3	1.95E+08	1.95E+08	+	13406	1582.616	0	0.889543	0.273256	3.255348	0.001551	0.013699	1
ENSG0000	mucosal h	Inflamed	IKZF1	protein_cc	chr7	50343720	50472799	+	9784	2100.32	0	-0.73035	0.224441	-3.25406	0.001557	0.013751	1
ENSG0000	mucosal h	Inflamed	RAP1GAP2	protein_cc	chr17	2680350	2941033	+	7350	2821.783	0	0.514355	0.158093	3.253495	0.00156	0.013771	1
ENSG0000	mucosal h	Inflamed	ZDHHC3	protein_cc	chr3	44956749	45017677	-	7609	7289.623	0	0.285578	0.087786	3.25312	0.001562	0.01378	1
ENSG0000	mucosal h	Inflamed	HLA-DPB2	pseudoger	chr6	33080228	33102442	+	2814	8.136038	0.121718	-0.64547	0.198418	-3.25309	0.001562	0.01378	1

ENSG0000	mucosal h	Inflamed	BHLHE40- <i>antisense</i>	chr3	4938493	5021646	-	2718	43.80191	0.004773	-0.54465	0.167433	-3.25294	0.001563	0.013782	1
ENSG0000	mucosal h	Inflamed	TRMT112	protein_cc chr11	64083932	64085556	-	1625	1296.881	0	-0.42922	0.131957	-3.25276	0.001564	0.013785	1
ENSG0000	mucosal h	Inflamed	ABCD2	protein_cc chr12	39943835	40013553	-	6238	42.31742	0.019093	-0.8796	0.270447	-3.25241	0.001565	0.013795	1
ENSG0000	mucosal h	Inflamed	RP11-327F	antisense chr16	50769624	50774627	-	1150	40.85442	0.00716	-0.82919	0.254981	-3.25197	0.001568	0.01381	1
ENSG0000	mucosal h	Inflamed	SAMD9L	protein_cc chr7	92759368	92777682	-	7135	1451.933	0	-0.96014	0.295324	-3.25116	0.001572	0.013841	1
ENSG0000	mucosal h	Inflamed	HHIPL1	protein_cc chr14	1E+08	1E+08	+	7836	206.4964	0.002387	-0.77868	0.239582	-3.25016	0.001577	0.01388	1
ENSG0000	mucosal h	Inflamed	EPN2-AS1	antisense chr17	19199909	19209574	-	1190	1.198091	0.72315	-0.49153	0.151239	-3.25005	0.001577	0.013881	1
ENSG0000	mucosal h	Inflamed	DNAJC11	protein_cc chr1	6694228	6761984	-	5147	3726.465	0	0.337164	0.103765	3.249299	0.001581	0.013907	1
ENSG0000	mucosal h	Inflamed	SNORA40	snoRNA chr1	1.51E+08	1.51E+08	-	121	3.53222	0.303103	0.539594	0.166072	3.24915	0.001582	0.013907	1
ENSG0000	mucosal h	Inflamed	NOXA1	protein_cc chr9	1.4E+08	1.4E+08	+	1678	918.5513	0	0.647854	0.199393	3.249127	0.001582	0.013907	1
ENSG0000	mucosal h	Inflamed	STAR	protein_cc chr8	38001167	38008783	-	3767	8.210024	0.27685	-0.89072	0.274158	-3.24894	0.001583	0.013911	1
ENSG0000	mucosal h	Inflamed	KCND3	protein_cc chr1	1.12E+08	1.13E+08	-	7863	929.599	0	-1.0151	0.31246	-3.24874	0.001584	0.013914	1
ENSG0000	mucosal h	Inflamed	KCNA2	protein_cc chr1	1.11E+08	1.11E+08	-	4013	67.358	0.02148	-0.91551	0.281811	-3.24866	0.001584	0.013914	1
ENSG0000	mucosal h	Inflamed	GAPDHP7	pseudoger chr6	1.66E+08	1.66E+08	+	1010	1.243437	0.708831	-0.3792	0.116736	-3.24834	0.001586	0.01392	1
ENSG0000	mucosal h	Inflamed	TTC23	protein_cc chr15	99676528	99791428	-	6145	491.8783	0	0.365005	0.112368	3.248312	0.001586	0.01392	1
ENSG0000	mucosal h	Inflamed	KCP	processed_chr7	1.29E+08	1.29E+08	-	8326	124.9356	0	-0.78092	0.240433	-3.24799	0.001587	0.01393	1
ENSG0000	mucosal h	Inflamed	IGHV1OR1	IG_V_pseu chr15	22466058	22466493	-	351	151.9737	0.064439	-1.33278	0.410385	-3.24764	0.001589	0.013939	1
ENSG0000	mucosal h	Inflamed	AL589743	lincRNA chr14	19650018	19718563	+	12134	11.14558	0.183771	-0.76287	0.234907	-3.24756	0.00159	0.013939	1
ENSG0000	mucosal h	Inflamed	AC011523	antisense chr19	51333786	51354345	+	392	16.55131	0.093079	0.875505	0.269655	3.246763	0.001594	0.01397	1
ENSG0000	mucosal h	Inflamed	RP11-750E	pseudoger chr17	51183095	51183719	+	625	521.2005	0	0.565036	0.17404	3.24659	0.001594	0.013972	1
ENSG0000	mucosal h	Inflamed	RP13-15E1	lincRNA chr1	3816936	3833789	+	4064	115.2649	0	0.624962	0.192503	3.246505	0.001595	0.013972	1
ENSG0000	mucosal h	Inflamed	TNFAIP8L1	protein_cc chr19	4639530	4655580	+	6667	966.3246	0	-0.4392	0.135313	-3.24584	0.001598	0.013997	1
ENSG0000	mucosal h	Inflamed	RP11-146	pseudoger chr9	19200333	19201044	-	712	1.23389	0.682578	0.390549	0.120329	3.24569	0.001599	0.013999	1
ENSG0000	mucosal h	Inflamed	HSD17B1P	pseudoger chr17	40698782	40700724	+	955	3.167064	0.329356	0.504272	0.155379	3.24543	0.0016	0.014001	1
ENSG0000	mucosal h	Inflamed	BID	protein_cc chr22	18216906	18257536	-	4418	962.8353	0	-0.38379	0.11826	-3.24534	0.001601	0.014001	1
ENSG0000	mucosal h	Inflamed	SLC6A6	protein_cc chr3	14444076	14530857	+	8262	2895.967	0	-0.76543	0.235857	-3.24532	0.001601	0.014001	1
ENSG0000	mucosal h	Inflamed	RP4-742C1	pseudoger chr22	39487591	39488860	+	640	3.842482	0.279236	-0.57213	0.176302	-3.24519	0.001602	0.014003	1
ENSG0000	mucosal h	Inflamed	ESR2	protein_cc chr14	64550950	64804830	-	9337	108.926	0.004773	-0.72604	0.223742	-3.24497	0.001603	0.014008	1
ENSG0000	mucosal h	Inflamed	ZNF552	protein_cc chr19	58315209	58326281	-	2989	431.778	0	0.475961	0.146685	3.244784	0.001604	0.014011	1
ENSG0000	mucosal h	Inflamed	ALDH5A1	protein_cc chr6	24495080	24537435	+	5525	944.6897	0	0.565145	0.174255	3.243207	0.001612	0.014077	1
ENSG0000	mucosal h	Inflamed	CEND1	protein_cc chr11	787104	790123	-	1649	14.26969	0.050119	-0.81534	0.251409	-3.24309	0.001612	0.014077	1
ENSG0000	mucosal h	Inflamed	SLC23A3	protein_cc chr2	2.2E+08	2.2E+08	-	6531	461.0382	0.002387	0.936693	0.288835	3.242999	0.001613	0.014077	1
ENSG0000	mucosal h	Inflamed	HIF1AN	protein_cc chr10	1.02E+08	1.02E+08	+	13950	2938.15	0	0.316418	0.097604	3.241856	0.001619	0.014117	1
ENSG0000	mucosal h	Inflamed	PTPN3	protein_cc chr9	1.12E+08	1.12E+08	-	10071	2146.093	0	0.648384	0.200004	3.241848	0.001619	0.014117	1
ENSG0000	mucosal h	Inflamed	RP11-239	antisense chr6	20212318	20317970	+	380	0.973747	0.74463	0.353875	0.109161	3.241782	0.001619	0.014117	1
ENSG0000	mucosal h	Inflamed	PPIL6	protein_cc chr6	1.1E+08	1.1E+08	-	4481	25.45107	0.00716	0.566606	0.174793	3.24158	0.00162	0.014121	1
ENSG0000	mucosal h	Inflamed	SYP	protein_cc chrX	49044269	49056718	-	5203	279.2315	0	0.648944	0.200204	3.241413	0.001621	0.014124	1
ENSG0000	mucosal h	Inflamed	IFI27L2	protein_cc chr14	94594116	94596590	-	1662	500.1575	0	-0.55904	0.172494	-3.24095	0.001623	0.014137	1
ENSG0000	mucosal h	Inflamed	LRG1	protein_cc chr19	4536421	4540486	-	3133	2379.876	0	-0.55759	0.172048	-3.24091	0.001623	0.014137	1
ENSG0000	mucosal h	Inflamed	CSGALNAC	protein_cc chr8	19261672	19615540	-	6580	369.1623	0	-1.03618	0.319767	-3.24043	0.001626	0.014154	1

ENSG0000	mucosal h	Inflamed	EGFR	protein_cc chr7	55086714	55324313	+	12961	3924.375	0	0.536348	0.165541	3.23997	0.001628	0.01417	1
ENSG0000	mucosal h	Inflamed	SUGT1P3	pseudoger chr13	41482295	41495910	-	1331	5.152745	0.152745	0.533585	0.164708	3.239582	0.00163	0.014182	1
ENSG0000	mucosal h	Inflamed	ATOH1	protein_cc chr4	94750042	94751221	+	1180	955.716	0.009547	1.201649	0.370947	3.239406	0.001631	0.014182	1
ENSG0000	mucosal h	Inflamed	CDKL2	protein_cc chr4	76503215	76555900	-	3781	19.57518	0.052506	0.843368	0.260348	3.239384	0.001631	0.014182	1
ENSG0000	mucosal h	Inflamed	RP11-558F	antisense chr1	9732484	9747613	-	939	31.54654	0.002387	-0.74497	0.229988	-3.23917	0.001632	0.014185	1
ENSG0000	mucosal h	Inflamed	AC139100	antisense chr18	77941563	77960875	+	2035	1.362768	0.642005	0.456098	0.140809	3.239125	0.001633	0.014185	1
ENSG0000	mucosal h	Inflamed	HSD11B2	protein_cc chr16	67464555	67471456	+	2674	14563.62	0	1.176229	0.363278	3.237817	0.001639	0.014239	1
ENSG0000	mucosal h	Inflamed	MGAT4C	protein_cc chr12	86372516	87232681	-	4703	3.403341	0.422434	0.626537	0.193548	3.237113	0.001643	0.014266	1
ENSG0000	mucosal h	Inflamed	GSE1	protein_cc chr16	85645015	85709810	+	10173	4540.8	0	0.478129	0.147726	3.236586	0.001646	0.014285	1
ENSG0000	mucosal h	Inflamed	TNNI2	protein_cc chr11	1860219	1862910	+	1080	24.76372	0.002387	-0.56605	0.174922	-3.236	0.001649	0.014304	1
ENSG0000	mucosal h	Inflamed	RP11-166C	lincRNA chr7	66798034	66799370	+	1337	13.54177	0.064439	0.75851	0.2344	3.235959	0.001649	0.014304	1
ENSG0000	mucosal h	Inflamed	CHMP3	protein_cc chr2	86730554	86948245	-	7393	2758.845	0	0.498097	0.15395	3.235441	0.001652	0.014323	1
ENSG0000	mucosal h	Inflamed	UNC13B	protein_cc chr9	35161999	35405335	+	6592	4936.277	0	0.550165	0.170072	3.234902	0.001655	0.014342	1
ENSG0000	mucosal h	Inflamed	ALPK2	protein_cc chr18	56148479	56296189	-	9431	156.7566	0.01432	-1.24817	0.385872	-3.23468	0.001656	0.014346	1
ENSG0000	mucosal h	Inflamed	RP11-252E	antisense chr16	75142499	75144610	-	1666	34.46778	0.02864	0.839913	0.259668	3.234564	0.001656	0.014346	1
ENSG0000	mucosal h	Inflamed	RUSC1-AS1	antisense chr1	1.55E+08	1.55E+08	-	3516	65.74702	0	0.644428	0.199237	3.234482	0.001657	0.014346	1
ENSG0000	mucosal h	Inflamed	GATA6	protein_cc chr18	19749404	19782491	+	3945	2033.661	0	0.66259	0.204856	3.234414	0.001657	0.014346	1
ENSG0000	mucosal h	Inflamed	DSG3	protein_cc chr18	29027758	29058665	+	5525	334.5537	0.064439	-1.74816	0.540517	-3.23425	0.001658	0.014348	1
ENSG0000	mucosal h	Inflamed	FEZ1	protein_cc chr11	1.25E+08	1.25E+08	-	5932	250.5251	0	-0.68369	0.211426	-3.23373	0.001661	0.014366	1
ENSG0000	mucosal h	Inflamed	RP11-469F	antisense chr12	50345295	50356707	-	1574	3.353222	0.644391	-0.87246	0.269805	-3.23366	0.001661	0.014366	1
ENSG0000	mucosal h	Inflamed	RHBDL2	protein_cc chr1	39351479	39407471	-	2914	752.3484	0	0.655982	0.202907	3.232916	0.001665	0.014395	1
ENSG0000	mucosal h	Inflamed	WI2-2373I	lincRNA chr7	331310	334388	+	530	1.042959	0.763723	0.365473	0.113057	3.232635	0.001667	0.014403	1
ENSG0000	mucosal h	Inflamed	RP11-376F	sense_intr chr17	41127706	41129292	-	1587	2.420048	0.434368	0.5093	0.157582	3.23198	0.00167	0.014418	1
ENSG0000	mucosal h	Inflamed	RP11-345F	antisense chr1	1549138	1551175	-	2038	229.7709	0	0.352448	0.109052	3.231922	0.00167	0.014418	1
ENSG0000	mucosal h	Inflamed	GSDMC	protein_cc chr8	1.31E+08	1.31E+08	-	2934	24.41289	0.095465	-1.01529	0.314148	-3.23189	0.00167	0.014418	1
ENSG0000	mucosal h	Inflamed	FITM1	protein_cc chr14	24600484	24602058	+	1355	21.04535	0.002387	0.426173	0.131865	3.231895	0.00167	0.014418	1
ENSG0000	mucosal h	Inflamed	HTR3C	protein_cc chr3	1.84E+08	1.84E+08	+	1697	12.27446	0.307876	0.840062	0.259939	3.231763	0.001671	0.014419	1
ENSG0000	mucosal h	Inflamed	TRAV38-2I	TR_V_gene chr14	22748988	22749631	+	395	11.13365	0.064439	-0.71328	0.220724	-3.23156	0.001672	0.014423	1
ENSG0000	mucosal h	Inflamed	GREB1	protein_cc chr2	11674242	11782914	+	12320	129.4057	0.01432	-0.86367	0.267292	-3.23118	0.001674	0.014436	1
ENSG0000	mucosal h	Inflamed	JUN	protein_cc chr1	59246465	59249785	-	3321	5560.384	0	0.553637	0.171352	3.231	0.001675	0.014439	1
ENSG0000	mucosal h	Inflamed	RTEL1-TNF	protein_cc chr20	62290653	62330037	+	8738	317.0644	0	-0.57702	0.17862	-3.23045	0.001678	0.01446	1
ENSG0000	mucosal h	Inflamed	ABCA10	protein_cc chr17	67143355	67240987	-	8405	116.3484	0	0.931557	0.2884	3.230088	0.00168	0.014472	1
ENSG0000	mucosal h	Inflamed	HELZ2	protein_cc chr20	62189439	62205592	-	12066	3951.983	0	-0.56692	0.175522	-3.22989	0.001681	0.014476	1
ENSG0000	mucosal h	Inflamed	C1QA	protein_cc chr1	22962999	22966101	+	1272	6434.263	0	-0.55129	0.1707	-3.22956	0.001683	0.014486	1
ENSG0000	mucosal h	Inflamed	GPHN	protein_cc chr14	66974125	67648520	+	6007	680.6754	0	0.478908	0.148295	3.229422	0.001684	0.014488	1
ENSG0000	mucosal h	Inflamed	FAM167A	protein_cc chr8	11278972	11332224	-	5033	340.0263	0	-0.85407	0.264473	-3.22931	0.001684	0.014488	1
ENSG0000	mucosal h	Inflamed	RP11-396C	antisense chr1	2.26E+08	2.26E+08	-	490	6.317422	0.164678	0.639988	0.1982	3.228999	0.001686	0.014498	1
ENSG0000	mucosal h	Inflamed	C10orf128	protein_cc chr10	50362773	50396630	-	4120	544.9666	0	-0.5128	0.15882	-3.22883	0.001687	0.014501	1
ENSG0000	mucosal h	Inflamed	MEOX2	protein_cc chr7	15650837	15726437	-	2500	55.81146	0.026253	-1.04204	0.322763	-3.22852	0.001688	0.01451	1
ENSG0000	mucosal h	Inflamed	BMP6	protein_cc chr6	7727030	7881655	+	2780	460.2816	0	-0.88505	0.274181	-3.22799	0.001691	0.014526	1

ENSG0000	mucosal	hi	Inflamed	TMEM220	protein_cc	chr17	10602332	10633633	-	3508	429.2673	0	0.628094	0.194579	3.227969	0.001691	0.014526	1
ENSG0000	mucosal	hi	Inflamed	B3GALT1	protein_cc	chr2	1.69E+08	1.69E+08	+	5353	359.3294	0.009547	1.410567	0.437009	3.227772	0.001692	0.01453	1
ENSG0000	mucosal	hi	Inflamed	TAS2R5	protein_cc	chr7	1.41E+08	1.41E+08	+	1150	35.179	0.073986	1.042623	0.323091	3.227025	0.001696	0.014551	1
ENSG0000	mucosal	hi	Inflamed	UNC5CL	protein_cc	chr6	40994772	41006928	-	2986	578.6301	0	-0.86235	0.267227	-3.22702	0.001696	0.014551	1
ENSG0000	mucosal	hi	Inflamed	S100Z	protein_cc	chr5	76145826	76217475	+	1951	8.797136	0.064439	-0.68232	0.21145	-3.22686	0.001697	0.014551	1
ENSG0000	mucosal	hi	Inflamed	AC005262	antisense	chr19	3118663	3119302	-	452	8.343675	0.245823	-0.88812	0.275233	-3.22681	0.001698	0.014551	1
ENSG0000	mucosal	hi	Inflamed	TMEM184	protein_cc	chr22	38615298	38669040	-	5014	4251.387	0	-0.35993	0.111545	-3.22681	0.001698	0.014551	1
ENSG0000	mucosal	hi	Inflamed	CR1L	protein_cc	chr1	2.08E+08	2.08E+08	+	2768	6.534606	0.231504	-0.77204	0.239272	-3.2266	0.001699	0.014552	1
ENSG0000	mucosal	hi	Inflamed	SREBF2	protein_cc	chr22	42229109	42303312	+	7531	14531.6	0	0.430584	0.13345	3.226566	0.001699	0.014552	1
ENSG0000	mucosal	hi	Inflamed	LGALS17A	pseudoger	chr19	40170014	40177013	+	2773	6.823389	0.346062	-0.85518	0.26505	-3.22648	0.001699	0.014552	1
ENSG0000	mucosal	hi	Inflamed	CLCNKB	protein_cc	chr1	16370272	16383803	+	2898	5.804296	0.348449	0.732687	0.227126	3.22591	0.001702	0.014573	1
ENSG0000	mucosal	hi	Inflamed	DCPS	protein_cc	chr11	1.26E+08	1.26E+08	+	3352	717.6062	0	-0.34217	0.106086	-3.22543	0.001705	0.01459	1
ENSG0000	mucosal	hi	Inflamed	RP11-430E	lincRNA	chr15	52472290	52498071	+	2096	7.799523	0.119332	-0.6304	0.195474	-3.22497	0.001707	0.014607	1
ENSG0000	mucosal	hi	Inflamed	TBX4	protein_cc	chr17	59529765	59562471	+	3996	1.792363	0.582339	0.567713	0.176056	3.22461	0.001709	0.014619	1
ENSG0000	mucosal	hi	Inflamed	COG2	protein_cc	chr1	2.31E+08	2.31E+08	+	11086	1370.494	0	0.454023	0.140811	3.224333	0.001711	0.014627	1
ENSG0000	mucosal	hi	Inflamed	SEMG1	protein_cc	chr20	43835638	43838413	+	1662	20.32936	0.221957	-1.1157	0.346037	-3.22423	0.001711	0.014627	1
ENSG0000	mucosal	hi	Inflamed	SDHAP1	pseudoger	chr3	1.96E+08	1.96E+08	-	3353	734.2458	0	0.673769	0.209028	3.223338	0.001716	0.014663	1
ENSG0000	mucosal	hi	Inflamed	MT-TR	Mt_tRNA	chrM	10405	10469	+	65	2.852029	0.498807	0.567798	0.176185	3.222734	0.001719	0.014683	1
ENSG0000	mucosal	hi	Inflamed	OR51E1	protein_cc	chr11	4664650	4676718	+	3614	55.79475	0.004773	-0.74434	0.230966	-3.22272	0.00172	0.014683	1
ENSG0000	mucosal	hi	Inflamed	ANXA2P1	pseudoger	chr4	1.54E+08	1.54E+08	-	926	12.08353	0.019093	-0.56835	0.176389	-3.22214	0.001723	0.014704	1
ENSG0000	mucosal	hi	Inflamed	CTC-510F1	3prime_ov	chr19	11411453	11435117	-	685	8.334129	0.288783	-0.976	0.302911	-3.22205	0.001723	0.014704	1
ENSG0000	mucosal	hi	Inflamed	MUC1	protein_cc	chr1	1.55E+08	1.55E+08	-	2401	11707.15	0	-0.72309	0.224482	-3.22117	0.001728	0.01474	1
ENSG0000	mucosal	hi	Inflamed	AC006129	lincRNA	chr19	42037566	42038534	+	969	6.625298	0.205251	-0.70495	0.218873	-3.2208	0.00173	0.014753	1
ENSG0000	mucosal	hi	Inflamed	PYY	protein_cc	chr17	42030106	42081837	-	1181	3002.47	0	1.647364	0.511559	3.220281	0.001733	0.014772	1
ENSG0000	mucosal	hi	Inflamed	FGF18	protein_cc	chr5	1.71E+08	1.71E+08	+	1986	10.65155	0.071599	-0.69174	0.214848	-3.21969	0.001736	0.014795	1
ENSG0000	mucosal	hi	Inflamed	SYNE2	protein_cc	chr14	64319683	64693165	+	31405	4259.601	0	0.586129	0.182052	3.219572	0.001737	0.014795	1
ENSG0000	mucosal	hi	Inflamed	NFATC1	protein_cc	chr18	77155856	77289325	+	7008	659.4296	0	-0.78441	0.243657	-3.2193	0.001738	0.014803	1
ENSG0000	mucosal	hi	Inflamed	SNPH	protein_cc	chr20	1246960	1289972	+	5572	654.3604	0	-0.85771	0.266444	-3.21908	0.001739	0.014809	1
ENSG0000	mucosal	hi	Inflamed	WIPF1	protein_cc	chr2	1.75E+08	1.76E+08	-	9121	3762.487	0	-0.64717	0.201055	-3.21886	0.001741	0.014814	1
ENSG0000	mucosal	hi	Inflamed	LPIN3	protein_cc	chr20	39969560	39989222	+	4565	2221.599	0	0.630506	0.195891	3.218658	0.001742	0.014819	1
ENSG0000	mucosal	hi	Inflamed	RP4-605O	:processed	chr12	50505980	50559203	+	919	15.61575	0.009547	0.496137	0.154158	3.218369	0.001743	0.014825	1
ENSG0000	mucosal	hi	Inflamed	TMTC4	protein_cc	chr13	1.01E+08	1.01E+08	-	6272	668.2434	0	0.488924	0.151919	3.218322	0.001744	0.014825	1
ENSG0000	mucosal	hi	Inflamed	SPAG6	protein_cc	chr10	22634399	22743153	+	4006	1.921241	0.544153	-0.54459	0.169251	-3.21765	0.001747	0.014851	1
ENSG0000	mucosal	hi	Inflamed	FAM47DP	pseudoger	chrX	37400330	37404515	-	3290	1.551313	0.684964	0.397464	0.123545	3.217171	0.00175	0.014865	1
ENSG0000	mucosal	hi	Inflamed	CTGLF11P	pseudoger	chr10	47708307	47730235	+	2439	7.195704	0.372315	0.693098	0.215438	3.217155	0.00175	0.014865	1
ENSG0000	mucosal	hi	Inflamed	ZSCAN16	protein_cc	chr6	28092338	28097860	+	1328	167.0979	0	0.46792	0.145453	3.216993	0.001751	0.014868	1
ENSG0000	mucosal	hi	Inflamed	CCDC64B	protein_cc	chr16	3077683	3086927	-	4690	3662.446	0	0.793764	0.246778	3.216514	0.001754	0.014886	1
ENSG0000	mucosal	hi	Inflamed	SLC6A20	protein_cc	chr3	45796942	45838027	-	6651	962.716	0	-1.35586	0.421552	-3.21634	0.001754	0.014886	1
ENSG0000	mucosal	hi	Inflamed	RP11-484I	antisense	chr11	43350298	43380846	-	787	2.73031	0.424821	0.52078	0.161919	3.216303	0.001755	0.014886	1
ENSG0000	mucosal	hi	Inflamed	ZNF467	protein_cc	chr7	1.49E+08	1.49E+08	-	2734	437.8329	0	-0.7109	0.22105	-3.216	0.001756	0.014895	1

ENSG0000	mucosal h	Inflamed	RP11-102C	antisense	chr3	10000401	10004223	+	3823	43.16706	0.040573	0.895107	0.278338	3.215902	0.001757	0.014895	1
ENSG0000	mucosal h	Inflamed	THBD	protein_cc	chr20	23026270	23030378	-	4109	1355.866	0	-0.80021	0.248843	-3.21575	0.001758	0.014898	1
ENSG0000	mucosal h	Inflamed	RIMBP3B	protein_cc	chr22	21737663	21743446	+	5784	4.74463	0.178998	-0.60662	0.188706	-3.21462	0.001764	0.014946	1
ENSG0000	mucosal h	Inflamed	CCL25	protein_cc	chr19	8117651	8127534	+	984	168.1193	0.176611	-1.30399	0.405714	-3.21406	0.001767	0.014961	1
ENSG0000	mucosal h	Inflamed	ATF5	protein_cc	chr19	50431959	50437192	+	2954	1825.372	0	-0.3735	0.116208	-3.21405	0.001767	0.014961	1
ENSG0000	mucosal h	Inflamed	ITGB7	protein_cc	chr12	53585102	53601091	-	4481	1965.119	0	-0.52128	0.162192	-3.21399	0.001768	0.014961	1
ENSG0000	mucosal h	Inflamed	ELMO1	protein_cc	chr7	36893961	37488852	-	9767	1060.496	0	-0.66286	0.20626	-3.21368	0.001769	0.014969	1
ENSG0000	mucosal h	Inflamed	TNC	protein_cc	chr9	1.18E+08	1.18E+08	-	8687	13712.79	0	-1.21846	0.379155	-3.21362	0.00177	0.014969	1
ENSG0000	mucosal h	Inflamed	PHACTR1	protein_cc	chr6	12717893	13288645	+	8489	182.8091	0.002387	-0.71646	0.222957	-3.21345	0.001771	0.014972	1
ENSG0000	mucosal h	Inflamed	RP11-875C	antisense	chr8	22928890	22932001	-	881	6.861575	0.183771	-0.72074	0.224316	-3.21307	0.001773	0.014983	1
ENSG0000	mucosal h	Inflamed	SEC14L5	protein_cc	chr16	5008318	5069159	+	6477	74.39857	0.01432	1.126387	0.35057	3.213015	0.001773	0.014983	1
ENSG0000	mucosal h	Inflamed	LINC00094	antisense	chr9	1.37E+08	1.37E+08	+	5994	510.3461	0	-0.39834	0.123995	-3.21255	0.001776	0.014997	1
ENSG0000	mucosal h	Inflamed	EBF1	protein_cc	chr5	1.58E+08	1.59E+08	-	6161	179.0095	0.00716	-0.83057	0.258543	-3.21252	0.001776	0.014997	1
ENSG0000	mucosal h	Inflamed	KDR	protein_cc	chr4	55944644	55991756	-	6259	1277.241	0	-0.8694	0.270642	-3.21237	0.001777	0.014999	1
ENSG0000	mucosal h	Inflamed	SLC12A5	protein_cc	chr20	44650356	44688784	+	7520	25.78043	0	-0.58942	0.183508	-3.21195	0.001779	0.015011	1
ENSG0000	mucosal h	Inflamed	MIOX	protein_cc	chr22	50925213	50929077	+	1796	5.892601	0.221957	-0.68	0.21171	-3.21191	0.001779	0.015011	1
ENSG0000	mucosal h	Inflamed	AKR1B1	protein_cc	chr7	1.34E+08	1.34E+08	-	3660	1581.53	0	-0.66707	0.207703	-3.21164	0.001781	0.015017	1
ENSG0000	mucosal h	Inflamed	B3GALT5	protein_cc	chr21	40928369	41045064	+	14191	10385.09	0	1.259776	0.392259	3.211589	0.001781	0.015017	1
ENSG0000	mucosal h	Inflamed	TRBV5-4	TR_V_gene	chr7	1.42E+08	1.42E+08	-	544	13.48687	0.066826	-0.67979	0.211682	-3.21136	0.001782	0.015023	1
ENSG0000	mucosal h	Inflamed	PRR7	protein_cc	chr5	1.77E+08	1.77E+08	+	1768	99.03341	0	-0.57067	0.177716	-3.21113	0.001784	0.015029	1
ENSG0000	mucosal h	Inflamed	PALMD	protein_cc	chr1	1E+08	1E+08	+	8244	182.9475	0.002387	-0.79467	0.24754	-3.21026	0.001788	0.015065	1
ENSG0000	mucosal h	Inflamed	FOXC1	protein_cc	chr6	1610681	1614127	+	3447	80.36993	0.01432	-0.71473	0.222658	-3.20997	0.00179	0.015074	1
ENSG0000	mucosal h	Inflamed	CASD1	protein_cc	chr7	94138531	94186331	+	5271	1079.745	0.002387	0.712136	0.221861	3.209829	0.001791	0.015076	1
ENSG0000	mucosal h	Inflamed	RP11-353M	lincRNA	chr17	77797251	77801503	+	1788	3.042959	0.408115	0.503073	0.156737	3.209656	0.001792	0.015079	1
ENSG0000	mucosal h	Inflamed	IGHV3OR1	IG_V_gene	chr16	32077386	32077679	+	294	6.121718	0.403341	-0.88201	0.274866	-3.20888	0.001796	0.015111	1
ENSG0000	mucosal h	Inflamed	SOX17	protein_cc	chr8	55370495	55373448	+	2342	115.1289	0.00716	-0.89975	0.280471	-3.20799	0.001801	0.015149	1
ENSG0000	mucosal h	Inflamed	IGLC5	IG_C_pseu	chr22	23257805	23258097	+	293	3.863962	0.348449	-0.64451	0.200916	-3.20787	0.001802	0.01515	1
ENSG0000	mucosal h	Inflamed	BCL3	protein_cc	chr19	45250962	45263301	+	3242	4723.692	0	-0.47915	0.149375	-3.20772	0.001803	0.015152	1
ENSG0000	mucosal h	Inflamed	SLC5A11	protein_cc	chr16	24857162	24922949	+	3415	38.35322	0.152745	1.126152	0.351161	3.206938	0.001807	0.015184	1
ENSG0000	mucosal h	Inflamed	SAP30	protein_cc	chr4	1.74E+08	1.74E+08	+	1320	224.3675	0	-0.36547	0.113972	-3.20661	0.001809	0.015191	1
ENSG0000	mucosal h	Inflamed	GP2	protein_cc	chr16	20320894	20339130	-	4048	193.1575	0.009547	1.229303	0.38337	3.20657	0.001809	0.015191	1
ENSG0000	mucosal h	Inflamed	D87007.1	miRNA	chr22	23077063	23077157	+	95	260.2816	0.004773	-1.18344	0.369077	-3.20649	0.00181	0.015191	1
ENSG0000	mucosal h	Inflamed	FKBP4	protein_cc	chr12	2904119	2914576	+	3958	4711.131	0	0.329733	0.102836	3.206381	0.00181	0.015192	1
ENSG0000	mucosal h	Inflamed	DNAJA4	protein_cc	chr15	78556428	78574538	+	6591	2328.413	0	0.463182	0.144488	3.205665	0.001814	0.015221	1
ENSG0000	mucosal h	Inflamed	AC061992	lincRNA	chr17	76311810	76343879	+	1145	10.04296	0.095465	-0.77409	0.241492	-3.20544	0.001816	0.015226	1
ENSG0000	mucosal h	Inflamed	INPP5D	protein_cc	chr2	2.34E+08	2.34E+08	+	6998	3076.222	0	-0.55348	0.172676	-3.20533	0.001816	0.015226	1
ENSG0000	mucosal h	Inflamed	FZD2	protein_cc	chr17	42634925	42636907	+	1983	187.3389	0	-0.6417	0.200202	-3.20525	0.001817	0.015226	1
ENSG0000	mucosal h	Inflamed	AL928768	lincRNA	chr14	1.06E+08	1.06E+08	-	359	313.9618	0	-0.8384	0.26158	-3.20512	0.001818	0.015228	1
ENSG0000	mucosal h	Inflamed	TMEM61	protein_cc	chr1	55446465	55457966	+	1097	242.8353	0.004773	0.837994	0.261463	3.205015	0.001818	0.015228	1
ENSG0000	mucosal h	Inflamed	MTMR8	protein_cc	chrX	63444187	63615333	-	3813	63.94749	0.004773	0.637002	0.198787	3.204445	0.001821	0.01525	1

ENSG0000	mucosal h	Inflamed	SUCLG2P2	pseudoger	chr12	94942017	94943312	+	1296	11.65632	0.050119	0.589884	0.184105	3.204069	0.001824	0.015256	1
ENSG0000	mucosal h	Inflamed	DNM3	protein_cc	chr1	1.72E+08	1.72E+08	+	11346	77.27446	0	-0.5377	0.167822	-3.20401	0.001824	0.015256	1
ENSG0000	mucosal h	Inflamed	PRRX1	protein_cc	chr1	1.71E+08	1.71E+08	+	8246	617.4105	0.002387	-1.23179	0.384455	-3.20399	0.001824	0.015256	1
ENSG0000	mucosal h	Inflamed	CSRP2	protein_cc	chr12	77252495	77272840	-	5873	306.6563	0	-0.79679	0.248692	-3.20391	0.001825	0.015256	1
ENSG0000	mucosal h	Inflamed	AC079325	pseudoger	chr17	72556855	72563482	-	501	9.143198	0.350835	-1.01778	0.317753	-3.20307	0.001829	0.015292	1
ENSG0000	mucosal h	Inflamed	SPP1	protein_cc	chr4	88896819	88904562	+	2288	551.2959	0.004773	-1.28414	0.400937	-3.20285	0.001831	0.015298	1
ENSG0000	mucosal h	Inflamed	TMCC3	protein_cc	chr12	94960900	95044338	-	6515	2564.26	0	0.710532	0.221874	3.202413	0.001833	0.015314	1
ENSG0000	mucosal h	Inflamed	CD37	protein_cc	chr19	49838428	49846592	+	4161	1854.384	0	-0.84613	0.264224	-3.2023	0.001834	0.015314	1
ENSG0000	mucosal h	Inflamed	ABC7-4238	pseudoger	chr12	73725	91218	+	1817	540.4368	0	0.469995	0.146783	3.201979	0.001836	0.015325	1
ENSG0000	mucosal h	Inflamed	U91328.15	lincRNA	chr6	25992890	26002003	+	4130	115.3437	0.004773	0.466373	0.145671	3.20155	0.001838	0.015341	1
ENSG0000	mucosal h	Inflamed	CCNB1IP1	protein_cc	chr14	20779527	20801471	-	3680	514.7399	0	0.439702	0.137387	3.200468	0.001844	0.015388	1
ENSG0000	mucosal h	Inflamed	AUH	protein_cc	chr9	93976097	94124195	-	2673	463.463	0	0.434755	0.135861	3.200007	0.001847	0.015406	1
ENSG0000	mucosal h	Inflamed	SLC29A1	protein_cc	chr6	44187242	44201888	+	3433	1124.833	0	-0.45368	0.141802	-3.19938	0.001851	0.015431	1
ENSG0000	mucosal h	Inflamed	MGLL	protein_cc	chr3	1.27E+08	1.28E+08	-	10056	19090.93	0	0.449543	0.14054	3.198692	0.001855	0.015457	1
ENSG0000	mucosal h	Inflamed	SH3BGRL2	protein_cc	chr6	80341000	80413372	+	4649	4317.396	0	0.859882	0.268828	3.198637	0.001855	0.015457	1
ENSG0000	mucosal h	Inflamed	AC130710	lincRNA	chr2	16190549	16225923	+	1330	0.868735	0.787589	0.382729	0.11966	3.198473	0.001856	0.01546	1
ENSG0000	mucosal h	Inflamed	WDR88	protein_cc	chr19	33622996	33666701	+	1841	1.224344	0.673031	0.375379	0.117386	3.197818	0.00186	0.015487	1
ENSG0000	mucosal h	Inflamed	AHCYL2	protein_cc	chr7	1.29E+08	1.29E+08	+	6899	11921.99	0	0.809899	0.253286	3.197566	0.001861	0.015495	1
ENSG0000	mucosal h	Inflamed	FANK1	protein_cc	chr10	1.28E+08	1.28E+08	+	4178	101.4749	0	0.578445	0.18091	3.197423	0.001862	0.015497	1
ENSG0000	mucosal h	Inflamed	RP11-1421	pseudoger	chr11	1.21E+08	1.21E+08	-	772	0.897375	0.782816	0.358995	0.112304	3.196642	0.001867	0.01553	1
ENSG0000	mucosal h	Inflamed	CBX4	protein_cc	chr17	77806955	77813228	-	2880	1033.885	0	-0.45102	0.141114	-3.19615	0.00187	0.015549	1
ENSG0000	mucosal h	Inflamed	RP5-850O	lincRNA	chr1	50902700	50902978	-	279	3.77327	0.260143	0.560057	0.175243	3.19589	0.001871	0.015554	1
ENSG0000	mucosal h	Inflamed	NPY1R	protein_cc	chr4	1.64E+08	1.64E+08	-	4180	113.1074	0.00716	1.051145	0.328911	3.195838	0.001871	0.015554	1
ENSG0000	mucosal h	Inflamed	DUSP16	protein_cc	chr12	12628829	12715317	-	4039	1970.573	0	0.551351	0.172547	3.195376	0.001874	0.015572	1
ENSG0000	mucosal h	Inflamed	NEURL1B	protein_cc	chr5	1.72E+08	1.72E+08	+	6424	4909.153	0	0.701964	0.219693	3.195202	0.001875	0.015575	1
ENSG0000	mucosal h	Inflamed	RP11-190A	antisense	chr1	1.6E+08	1.6E+08	+	732	26.18138	0.073986	0.891783	0.279111	3.195077	0.001876	0.015577	1
ENSG0000	mucosal h	Inflamed	GRHL2	protein_cc	chr8	1.03E+08	1.03E+08	+	6060	1355.026	0.004773	0.938451	0.293773	3.19448	0.001879	0.015593	1
ENSG0000	mucosal h	Inflamed	COX10	protein_cc	chr17	13972813	14111994	+	3172	989.5752	0	0.289402	0.0906	3.194292	0.00188	0.015593	1
ENSG0000	mucosal h	Inflamed	PROCR	protein_cc	chr20	33759876	33765165	+	1348	732.5943	0	-0.56921	0.178198	-3.19428	0.001881	0.015593	1
ENSG0000	mucosal h	Inflamed	ITGA2B	protein_cc	chr17	42449548	42466873	-	5551	38.83532	0.026253	-0.8378	0.262283	-3.19425	0.001881	0.015593	1
ENSG0000	mucosal h	Inflamed	PCSK1N	protein_cc	chrX	48689504	48694035	-	1347	262.7924	0.002387	1.029722	0.322368	3.194247	0.001881	0.015593	1
ENSG0000	mucosal h	Inflamed	BCL2L14	protein_cc	chr12	12202778	12364018	+	5112	841.8449	0	0.773932	0.242314	3.193926	0.001883	0.015603	1
ENSG0000	mucosal h	Inflamed	NOS1AP	protein_cc	chr1	1.62E+08	1.62E+08	+	8449	229.0668	0.00716	0.60767	0.190266	3.193798	0.001883	0.015605	1
ENSG0000	mucosal h	Inflamed	UNGP1	pseudoger	chr16	51311763	51313023	+	1261	0.885442	0.770883	0.370221	0.115926	3.193597	0.001885	0.01561	1
ENSG0000	mucosal h	Inflamed	EXOC3L2	protein_cc	chr19	45715879	45737469	-	1725	269.5084	0.002387	-0.76258	0.23882	-3.19313	0.001887	0.015628	1
ENSG0000	mucosal h	Inflamed	TCF15	protein_cc	chr20	584441	591042	-	1555	7.553699	0.102625	-0.70641	0.221349	-3.19138	0.001898	0.015709	1
ENSG0000	mucosal h	Inflamed	NCKAP5	protein_cc	chr2	1.33E+08	1.34E+08	-	9545	162.7709	0.01432	0.623371	0.195374	3.190662	0.001902	0.015737	1
ENSG0000	mucosal h	Inflamed	RP11-597C	pseudoger	chr4	1.59E+08	1.59E+08	+	3616	26.97852	0.064439	0.965493	0.302605	3.190608	0.001902	0.015737	1
ENSG0000	mucosal h	Inflamed	GRK5	protein_cc	chr10	1.21E+08	1.21E+08	+	2949	1715.845	0	-0.51732	0.162201	-3.18939	0.00191	0.015792	1
ENSG0000	mucosal h	Inflamed	GBP4	protein_cc	chr1	89646831	89664615	-	6127	2131.115	0	-0.86637	0.27165	-3.18928	0.00191	0.015792	1

ENSG0000	mucosal h	Inflamed	IGHV3-72	IG_V_gene	chr14	1.07E+08	1.07E+08	-	437	3844.148	0	-1.24725	0.39112	-3.18891	0.001912	0.015806	1
ENSG0000	mucosal h	Inflamed	SUCLG1	protein_cc	chr2	84650647	84687169	-	4286	2937.94	0	0.444853	0.13951	3.188679	0.001914	0.015812	1
ENSG0000	mucosal h	Inflamed	CTC-459F4	lincRNA	chr19	28248092	28251757	-	3666	19.23389	0.073986	0.825976	0.259057	3.18839	0.001916	0.015819	1
ENSG0000	mucosal h	Inflamed	CACNA2D4	protein_cc	chr12	1901123	2028002	-	7639	229.463	0	0.309661	0.097123	3.188341	0.001916	0.015819	1
ENSG0000	mucosal h	Inflamed	CMTM3	protein_cc	chr16	66637777	66647795	+	3163	967.5203	0	-0.51658	0.162075	-3.1873	0.001922	0.015866	1
ENSG0000	mucosal h	Inflamed	INSL3	protein_cc	chr19	17927321	17932383	-	923	14.05967	0.093079	-0.78334	0.245801	-3.18689	0.001925	0.015872	1
ENSG0000	mucosal h	Inflamed	PLXND1	protein_cc	chr3	1.29E+08	1.29E+08	-	9738	4803.098	0	-0.68736	0.215684	-3.18689	0.001925	0.015872	1
ENSG0000	mucosal h	Inflamed	TEX2	protein_cc	chr17	62224587	62340661	-	9094	1866.888	0	0.463388	0.145405	3.186874	0.001925	0.015872	1
ENSG0000	mucosal h	Inflamed	CCL22	protein_cc	chr16	57392684	57400102	+	2929	548.4033	0	-1.09803	0.344717	-3.18532	0.001934	0.015944	1
ENSG0000	mucosal h	Inflamed	BCAS1	protein_cc	chr20	52553316	52687304	-	9024	6182.148	0	0.951811	0.298869	3.18471	0.001938	0.01597	1
ENSG0000	mucosal h	Inflamed	MPV17L	protein_cc	chr16	15489611	15507125	+	6009	287.5251	0	0.705622	0.221589	3.184373	0.00194	0.015981	1
ENSG0000	mucosal h	Inflamed	AC073072	antisense	chr7	22765014	22767239	-	1364	6.054893	0.357995	-0.80711	0.253466	-3.1843	0.00194	0.015981	1
ENSG0000	mucosal h	Inflamed	OVOL2	protein_cc	chr20	17937623	18039832	-	2175	446.5776	0.004773	0.703879	0.221061	3.184095	0.001942	0.015986	1
ENSG0000	mucosal h	Inflamed	RP11-680C	pseudoger	chr16	15082116	15084017	-	1902	14.22196	0.01432	0.468608	0.147199	3.183495	0.001945	0.015994	1
ENSG0000	mucosal h	Inflamed	IGHV5-78	IG_V_pseu	chr14	1.07E+08	1.07E+08	-	295	13.96181	0.143198	-0.91156	0.286339	-3.18349	0.001945	0.015994	1
ENSG0000	mucosal h	Inflamed	LA16c-380	sense_ove	chr16	3053432	3055102	-	608	3.116945	0.427208	0.501147	0.157423	3.183441	0.001945	0.015994	1
ENSG0000	mucosal h	Inflamed	C10orf10	protein_cc	chr10	45466429	45474258	-	2979	1131.1	0	-0.69259	0.217568	-3.18333	0.001946	0.015994	1
ENSG0000	mucosal h	Inflamed	RP11-102M	lincRNA	chr4	1.42E+08	1.42E+08	+	1394	16.53222	0.016706	-0.66905	0.210173	-3.18333	0.001946	0.015994	1
ENSG0000	mucosal h	Inflamed	CPHL1P	pseudoger	chr3	1.49E+08	1.49E+08	-	3934	5.842482	0.245823	0.800811	0.251567	3.183285	0.001946	0.015994	1
ENSG0000	mucosal h	Inflamed	MT1DP	pseudoger	chr16	56677617	56678698	+	191	4.50358	0.420048	0.568731	0.178665	3.183233	0.001947	0.015994	1
ENSG0000	mucosal h	Inflamed	B4GALT4	protein_cc	chr3	1.19E+08	1.19E+08	-	7145	1668.623	0	0.582984	0.183171	3.182725	0.00195	0.016012	1
ENSG0000	mucosal h	Inflamed	CCM2L	protein_cc	chr20	30598245	30619984	+	2596	202.3126	0	-0.61956	0.194668	-3.18267	0.00195	0.016012	1
ENSG0000	mucosal h	Inflamed	CTD-2124f	pseudoger	chr5	37286551	37287079	-	529	11.60382	0.031026	0.546313	0.171663	3.182467	0.001951	0.016014	1
ENSG0000	mucosal h	Inflamed	AAED1	protein_cc	chr9	99401859	99417585	-	3084	261.5418	0	-0.51066	0.160461	-3.18243	0.001952	0.016014	1
ENSG0000	mucosal h	Inflamed	SCIN	protein_cc	chr7	12610203	12693228	+	5048	1371.9	0.002387	1.039387	0.326628	3.18217	0.001953	0.016021	1
ENSG0000	mucosal h	Inflamed	IGJ	protein_cc	chr4	71521258	71547534	-	1680	85492.92	0	-0.95956	0.301559	-3.18199	0.001954	0.016021	1
ENSG0000	mucosal h	Inflamed	DNAH6	protein_cc	chr2	84743579	85046713	+	13514	24.80907	0.02148	0.751171	0.236076	3.181909	0.001955	0.016021	1
ENSG0000	mucosal h	Inflamed	EBI3	protein_cc	chr19	4229495	4237528	+	1284	261.4988	0	-0.70834	0.222618	-3.18185	0.001955	0.016021	1
ENSG0000	mucosal h	Inflamed	ZFP2	protein_cc	chr5	1.78E+08	1.78E+08	+	2763	27.27208	0.01432	0.677834	0.213036	3.181787	0.001956	0.016021	1
ENSG0000	mucosal h	Inflamed	ZSCAN16-1	antisense	chr6	28089573	28105071	-	2163	72.73031	0	-0.48554	0.152609	-3.18157	0.001957	0.016027	1
ENSG0000	mucosal h	Inflamed	MARS	protein_cc	chr12	57869228	57911352	+	7028	4072.272	0	-0.35075	0.110258	-3.18115	0.001959	0.016043	1
ENSG0000	mucosal h	Inflamed	MRPL28	protein_cc	chr16	417384	420527	-	2404	1281.945	0	-0.27406	0.086155	-3.18098	0.001961	0.016047	1
ENSG0000	mucosal h	Inflamed	RP1L1	protein_cc	chr8	10463859	10569697	-	8881	7.042959	0.143198	-0.61585	0.193616	-3.1808	0.001962	0.016051	1
ENSG0000	mucosal h	Inflamed	EFNA5	protein_cc	chr5	1.07E+08	1.07E+08	-	5698	218.7494	0	0.673341	0.211742	3.180009	0.001966	0.016086	1
ENSG0000	mucosal h	Inflamed	DZANK1	protein_cc	chr20	18364011	18447925	-	6637	90.25776	0.004773	0.518381	0.163026	3.179753	0.001968	0.016093	1
ENSG0000	mucosal h	Inflamed	HLA-F	protein_cc	chr6	29690552	29706305	+	4685	7730.537	0	-0.37528	0.118041	-3.17921	0.001971	0.016116	1
ENSG0000	mucosal h	Inflamed	HSD17B13	protein_cc	chr4	88224941	88244058	-	2397	14.64678	0.071599	0.77528	0.243907	3.178587	0.001975	0.016142	1
ENSG0000	mucosal h	Inflamed	FAM189A2	protein_cc	chr9	71939488	72007371	+	4015	156.2983	0.002387	0.554746	0.17455	3.178146	0.001978	0.016157	1
ENSG0000	mucosal h	Inflamed	SPATA2	protein_cc	chr20	48519928	48532080	-	4305	1618.573	0	0.385224	0.121215	3.178031	0.001979	0.016157	1
ENSG0000	mucosal h	Inflamed	CTB-175P5	lincRNA	chr19	23582035	23598877	-	3296	227.9881	0.011933	1.041742	0.327798	3.178002	0.001979	0.016157	1

ENSG0000	mucosal h	Inflamed	IHH	protein_cc	chr2	2.2E+08	2.2E+08	-	2023	2534.931	0	1.0436	0.328434	3.177501	0.001982	0.016177	1
ENSG0000	mucosal h	Inflamed	RP11-65J2	lincRNA	chr16	14396145	14420210	+	741	7.214797	0.102625	-0.62414	0.196435	-3.17733	0.001983	0.016181	1
ENSG0000	mucosal h	Inflamed	ISX	protein_cc	chr22	35462129	35483380	+	3384	2751.062	0.004773	1.449323	0.456163	3.177203	0.001984	0.016182	1
ENSG0000	mucosal h	Inflamed	ANKRD62	protein_cc	chr18	12093852	12129748	+	4812	1.312649	0.696897	0.409927	0.129034	3.176906	0.001986	0.016192	1
ENSG0000	mucosal h	Inflamed	CTC-497E2	lincRNA	chr11	13022637	13030706	-	670	1.630072	0.622912	0.529549	0.166702	3.176616	0.001987	0.016202	1
ENSG0000	mucosal h	Inflamed	COL22A1	protein_cc	chr8	1.4E+08	1.4E+08	-	7830	60.25776	0.047733	-1.08933	0.343156	-3.17443	0.002001	0.016308	1
ENSG0000	mucosal h	Inflamed	TENM4	protein_cc	chr11	78363876	79151992	-	16330	295.6205	0.00716	-1.03785	0.326965	-3.1742	0.002003	0.016314	1
ENSG0000	mucosal h	Inflamed	RP11-345M	lincRNA	chr16	79710005	79841819	+	2409	5.353222	0.307876	-0.70804	0.223108	-3.17351	0.002007	0.016344	1
ENSG0000	mucosal h	Inflamed	AC007386	lincRNA	chr2	65128974	65132271	-	2928	13.47494	0.042959	-0.73377	0.231248	-3.17308	0.00201	0.016361	1
ENSG0000	mucosal h	Inflamed	SLC35A1	protein_cc	chr6	88180341	88222054	+	1994	474.389	0	0.56044	0.176634	3.172893	0.002011	0.016361	1
ENSG0000	mucosal h	Inflamed	ATF4P3	pseudoger	chr17	74221832	74222887	-	1056	21.53461	0	-0.43942	0.138494	-3.17285	0.002011	0.016361	1
ENSG0000	mucosal h	Inflamed	ACACB	protein_cc	chr12	1.1E+08	1.1E+08	+	14159	2160.32	0	0.506176	0.159537	3.172788	0.002011	0.016361	1
ENSG0000	mucosal h	Inflamed	C16orf86	protein_cc	chr16	67700719	67702661	+	1789	70.77088	0.002387	-0.61926	0.195189	-3.17263	0.002012	0.016364	1
ENSG0000	mucosal h	Inflamed	EVA1B	protein_cc	chr1	36787632	36789755	-	1211	446.8138	0	-0.77471	0.244194	-3.17252	0.002013	0.016365	1
ENSG0000	mucosal h	Inflamed	CTD-2555A	antisense	chr16	89179583	89181687	-	2105	7.152745	0.162291	-0.66348	0.209139	-3.17241	0.002014	0.016365	1
ENSG0000	mucosal h	Inflamed	ELOVL2	protein_cc	chr6	10980992	11044547	-	3997	28.23628	0.200477	-1.2305	0.387911	-3.17212	0.002016	0.016375	1
ENSG0000	mucosal h	Inflamed	TINF2	protein_cc	chr14	24708849	24711880	-	2712	1855.43	0	-0.24055	0.075835	-3.17198	0.002016	0.016377	1
ENSG0000	mucosal h	Inflamed	KLF3	protein_cc	chr4	38665817	38702663	+	6297	5527.158	0	0.578726	0.182456	3.171867	0.002017	0.016378	1
ENSG0000	mucosal h	Inflamed	PGLYRP1	protein_cc	chr19	46522411	46526323	-	720	27.10024	0.131265	-1.25107	0.394451	-3.17167	0.002018	0.01638	1
ENSG0000	mucosal h	Inflamed	SH3PXD2B	protein_cc	chr5	1.72E+08	1.72E+08	-	7977	3104.971	0	-0.61995	0.195466	-3.17164	0.002019	0.01638	1
ENSG0000	mucosal h	Inflamed	PCTP	protein_cc	chr17	53828340	53920191	+	5880	965.7947	0	0.321423	0.101351	3.171394	0.00202	0.016383	1
ENSG0000	mucosal h	Inflamed	MSTO1	protein_cc	chr1	1.56E+08	1.56E+08	+	5359	489.2697	0	-0.36123	0.113903	-3.17136	0.00202	0.016383	1
ENSG0000	mucosal h	Inflamed	MAP7D1	protein_cc	chr1	36621180	36646450	+	5271	3890.9	0	-0.44093	0.139061	-3.17073	0.002024	0.016411	1
ENSG0000	mucosal h	Inflamed	MAP7	protein_cc	chr6	1.37E+08	1.37E+08	-	4664	2977.604	0	0.643923	0.203107	3.170362	0.002027	0.016423	1
ENSG0000	mucosal h	Inflamed	RP11-263k	lincRNA	chr12	82906456	82909596	+	3141	0.906921	0.787589	0.393855	0.124233	3.170297	0.002027	0.016423	1
ENSG0000	mucosal h	Inflamed	03-Mar	protein_cc	chr5	1.26E+08	1.26E+08	-	5179	794.8663	0	0.395845	0.124906	3.169154	0.002034	0.016476	1
ENSG0000	mucosal h	Inflamed	LIAS	protein_cc	chr4	39460620	39479273	+	2464	319.0764	0	0.495463	0.156403	3.167869	0.002042	0.016537	1
ENSG0000	mucosal h	Inflamed	GBA2	protein_cc	chr9	35736863	35749983	-	5079	6340.193	0	0.356099	0.112426	3.167406	0.002045	0.016553	1
ENSG0000	mucosal h	Inflamed	BCL6	protein_cc	chr3	1.87E+08	1.87E+08	-	5938	1540.241	0	-0.84352	0.266323	-3.16728	0.002046	0.016553	1
ENSG0000	mucosal h	Inflamed	PPAPDC1A	protein_cc	chr10	1.22E+08	1.22E+08	+	2534	10.11456	0.176611	-0.89923	0.283914	-3.16727	0.002046	0.016553	1
ENSG0000	mucosal h	Inflamed	CDKN2A	protein_cc	chr9	21967751	21995300	-	4400	95.06444	0	-0.69417	0.219178	-3.16714	0.002047	0.016555	1
ENSG0000	mucosal h	Inflamed	C17orf97	protein_cc	chr17	260118	273510	+	2505	256.0883	0	0.436413	0.137814	3.16669	0.00205	0.016573	1
ENSG0000	mucosal h	Inflamed	CCDC88B	protein_cc	chr11	64107695	64125006	+	8331	3875.611	0	-0.59223	0.187039	-3.16632	0.002052	0.016587	1
ENSG0000	mucosal h	Inflamed	KANK4	protein_cc	chr1	62702651	62785085	-	5980	70.80191	0.0358	1.189553	0.375714	3.166117	0.002054	0.016592	1
ENSG0000	mucosal h	Inflamed	SNX10	protein_cc	chr7	26331541	26413949	+	3421	297.9141	0	-0.85051	0.268656	-3.1658	0.002056	0.016603	1
ENSG0000	mucosal h	Inflamed	LINC0048E	lincRNA	chr3	1.09E+08	1.09E+08	+	2520	3.050119	0.565632	0.553887	0.174987	3.165309	0.002059	0.016624	1
ENSG0000	mucosal h	Inflamed	RNU6-652	snRNA	chr4	56751761	56751867	+	107	1.935561	0.541766	0.543587	0.171749	3.165017	0.002061	0.016634	1
ENSG0000	mucosal h	Inflamed	LBX2-AS1	antisense	chr2	74729722	74731805	+	2084	443.9284	0	0.340448	0.107575	3.164765	0.002062	0.016642	1
ENSG0000	mucosal h	Inflamed	VIM	protein_cc	chr10	17270258	17279592	+	4965	27974.55	0	-0.63639	0.201117	-3.16427	0.002066	0.016663	1
ENSG0000	mucosal h	Inflamed	LZTS1	protein_cc	chr8	20103676	20161474	-	5706	217.5179	0.01432	-0.94528	0.298753	-3.1641	0.002067	0.016666	1

ENSG0000	mucosal h	Inflamed	MT1JP	pseudoger	chr16	56669651	56670998	+	1001	1.51074	0.704057	0.486488	0.153785	3.16342	0.002071	0.016692	1
ENSG0000	mucosal h	Inflamed	CTD-2196E	lincRNA	chr16	23683453	23686820	+	372	44.35561	0.02148	0.630441	0.199292	3.163403	0.002071	0.016692	1
ENSG0000	mucosal h	Inflamed	ABCA8	protein_cc	chr17	66863433	66951533	-	11288	614.3747	0.004773	1.110962	0.351285	3.162571	0.002077	0.01673	1
ENSG0000	mucosal h	Inflamed	SIDT1	protein_cc	chr3	1.13E+08	1.13E+08	+	8072	1481.117	0	0.554081	0.175225	3.162117	0.002079	0.016749	1
ENSG0000	mucosal h	Inflamed	CTD-2587E	lincRNA	chr19	55728028	55732984	+	1577	4.954654	0.24105	0.616289	0.194921	3.16174	0.002082	0.016764	1
ENSG0000	mucosal h	Inflamed	SEMA6A	protein_cc	chr5	1.16E+08	1.16E+08	-	10956	3187.513	0	0.807725	0.255487	3.161512	0.002083	0.01677	1
ENSG0000	mucosal h	Inflamed	RP11-707C	lincRNA	chr11	73639578	73641417	+	383	3.011933	0.312649	0.491276	0.155403	3.161314	0.002085	0.016775	1
ENSG0000	mucosal h	Inflamed	AANAT	protein_cc	chr17	74449433	74466199	+	2190	2.198091	0.470167	-0.57039	0.180464	-3.16068	0.002089	0.016803	1
ENSG0000	mucosal h	Inflamed	RP11-789C	lincRNA	chr4	1.71E+08	1.71E+08	+	469	17.23628	0.105012	0.832452	0.263417	3.160211	0.002092	0.016823	1
ENSG0000	mucosal h	Inflamed	CD80	protein_cc	chr3	1.19E+08	1.19E+08	-	3201	96.97375	0.004773	-0.9749	0.308538	-3.15973	0.002095	0.016838	1
ENSG0000	mucosal h	Inflamed	MRC2	protein_cc	chr17	60704762	60770958	+	6860	3645.883	0	-0.75343	0.238447	-3.15973	0.002095	0.016838	1
ENSG0000	mucosal h	Inflamed	CSF1R	protein_cc	chr5	1.49E+08	1.49E+08	-	5151	5543.723	0	-0.52686	0.166752	-3.15953	0.002096	0.016839	1
ENSG0000	mucosal h	Inflamed	SPATA20P	pseudoger	chr21	39610149	39610586	-	438	2.682578	0.687351	-0.81127	0.256777	-3.15945	0.002097	0.016839	1
ENSG0000	mucosal h	Inflamed	ADAM32	protein_cc	chr8	38964509	39142430	+	10044	30.91647	0.009547	0.731469	0.231521	3.159411	0.002097	0.016839	1
ENSG0000	mucosal h	Inflamed	MTRNR2L1	protein_cc	chr11	10529434	10530723	-	1290	323.3699	0	0.735284	0.232735	3.159312	0.002098	0.016839	1
ENSG0000	mucosal h	Inflamed	MIR3646	miRNA	chr20	43036760	43036843	+	84	2.317422	0.463007	0.508272	0.160947	3.158003	0.002106	0.016903	1
ENSG0000	mucosal h	Inflamed	BPHL	protein_cc	chr6	3118608	3153812	+	5780	482.7422	0	0.349782	0.110769	3.157752	0.002108	0.016911	1
ENSG0000	mucosal h	Inflamed	USP2-AS1	antisense	chr11	1.19E+08	1.19E+08	+	4762	29.96181	0.019093	0.794278	0.251571	3.157265	0.002111	0.016931	1
ENSG0000	mucosal h	Inflamed	SLC44A1	protein_cc	chr9	1.08E+08	1.08E+08	+	12613	7510.53	0	0.558088	0.176785	3.156873	0.002114	0.016947	1
ENSG0000	mucosal h	Inflamed	NAALADL1	protein_cc	chr11	64812290	64826021	-	4044	820	0	0.977274	0.309621	3.156353	0.002117	0.016964	1
ENSG0000	mucosal h	Inflamed	DHX32	protein_cc	chr10	1.28E+08	1.28E+08	-	3948	1668.062	0	0.545563	0.172847	3.156335	0.002117	0.016964	1
ENSG0000	mucosal h	Inflamed	SHISA6	protein_cc	chr17	11144580	11467380	+	8527	16.94272	0.126492	1.061038	0.336178	3.156184	0.002118	0.016964	1
ENSG0000	mucosal h	Inflamed	XYLB	protein_cc	chr3	38388251	38462839	+	5343	369.7542	0	0.409911	0.129876	3.156164	0.002118	0.016964	1
ENSG0000	mucosal h	Inflamed	MVB12B	protein_cc	chr9	1.29E+08	1.29E+08	+	8070	1187.482	0	0.462841	0.146655	3.15599	0.002119	0.016968	1
ENSG0000	mucosal h	Inflamed	PHKA2	protein_cc	chrX	18910418	19002716	-	9029	1233.16	0	0.432203	0.137012	3.154502	0.002129	0.017038	1
ENSG0000	mucosal h	Inflamed	LUM	protein_cc	chr12	91496406	91505608	-	3008	8378.463	0	-0.84655	0.268364	-3.15447	0.00213	0.017038	1
ENSG0000	mucosal h	Inflamed	CCDC88A	protein_cc	chr2	55514978	55647057	-	14537	471.5203	0	-0.84922	0.269227	-3.15428	0.002131	0.017042	1
ENSG0000	mucosal h	Inflamed	MYOZ3	protein_cc	chr5	1.5E+08	1.5E+08	+	5409	27.24582	0.009547	0.584247	0.185237	3.154056	0.002132	0.017048	1
ENSG0000	mucosal h	Inflamed	DRD4	protein_cc	chr11	637293	640706	+	1477	18.31742	0.00716	0.528714	0.167634	3.153983	0.002133	0.017048	1
ENSG0000	mucosal h	Inflamed	RP11-150C	lincRNA	chr8	37454998	37457376	-	2379	292.463	0.00716	0.782248	0.248062	3.153438	0.002136	0.017072	1
ENSG0000	mucosal h	Inflamed	GDF9	protein_cc	chr5	1.32E+08	1.32E+08	-	3103	10.90931	0.054893	0.587016	0.18617	3.153122	0.002138	0.017083	1
ENSG0000	mucosal h	Inflamed	NEURL2	protein_cc	chr20	44517264	44519926	-	1301	86.25776	0	0.42082	0.133467	3.152993	0.002139	0.017085	1
ENSG0000	mucosal h	Inflamed	FAM117B	protein_cc	chr2	2.03E+08	2.04E+08	+	5996	638.8878	0	0.568121	0.180224	3.152312	0.002144	0.017116	1
ENSG0000	mucosal h	Inflamed	RP5-903G1	lincRNA	chr11	67702034	67707245	-	455	9.739857	0.052506	0.697369	0.221256	3.151858	0.002147	0.017135	1
ENSG0000	mucosal h	Inflamed	PTPRC	protein_cc	chr1	1.99E+08	1.99E+08	+	8507	3062.084	0	-0.92289	0.29283	-3.15164	0.002148	0.01714	1
ENSG0000	mucosal h	Inflamed	CARD6	protein_cc	chr5	40841286	40860275	+	4397	428.4988	0	-0.66849	0.212115	-3.15156	0.002149	0.01714	1
ENSG0000	mucosal h	Inflamed	RP11-363E	sense_ove	chr9	19453207	19455171	+	1965	208.4033	0.002387	0.832226	0.264083	3.151387	0.00215	0.01714	1
ENSG0000	mucosal h	Inflamed	KLF5	protein_cc	chr13	73629114	73651676	+	3889	11616.94	0	0.755843	0.239846	3.151364	0.00215	0.01714	1
ENSG0000	mucosal h	Inflamed	GABPB2	protein_cc	chr1	1.51E+08	1.51E+08	+	9189	1005.432	0	0.602257	0.191142	3.15084	0.002154	0.017162	1
ENSG0000	mucosal h	Inflamed	CTC-297N1	lincRNA	chr17	10561859	10562399	-	541	2.494033	0.417661	0.498374	0.158176	3.150759	0.002154	0.017162	1

ENSG0000	mucosal h	Inflamed	RNU6-548	snRNA	chr2	65221880	65221994	+	115	1.961814	0.541766	-0.5308	0.168471	-3.15068	0.002155	0.017162	1
ENSG0000	mucosal h	Inflamed	RP11-2027	lincRNA	chr3	1.34E+08	1.34E+08	-	640	8.646778	0.112172	0.652554	0.207155	3.15008	0.002159	0.017188	1
ENSG0000	mucosal h	Inflamed	CTD-2201	antisense	chr5	79348197	79379477	-	3233	18.99045	0.066826	0.748279	0.237577	3.149633	0.002162	0.017205	1
ENSG0000	mucosal h	Inflamed	BIRC5	protein_cc	chr17	76210267	76221717	+	3815	759.0501	0	-0.42413	0.134662	-3.14957	0.002162	0.017205	1
ENSG0000	mucosal h	Inflamed	CIITA	protein_cc	chr16	10971055	11026079	+	12036	3802.305	0	-0.73224	0.232507	-3.1493	0.002164	0.017214	1
ENSG0000	mucosal h	Inflamed	CALHM3	protein_cc	chr10	1.05E+08	1.05E+08	-	1652	3.713604	0.498807	-0.70236	0.223083	-3.14842	0.00217	0.017256	1
ENSG0000	mucosal h	Inflamed	KIAA0195	protein_cc	chr17	73437240	73496171	+	8854	4384.501	0	0.39714	0.126158	3.147956	0.002173	0.017276	1
ENSG0000	mucosal h	Inflamed	MIR600HC	sense_intr	chr9	1.26E+08	1.26E+08	-	5984	446.6921	0.004773	0.823587	0.261679	3.14732	0.002177	0.0173	1
ENSG0000	mucosal h	Inflamed	TNFRSF11	protein_cc	chr18	59992520	60058516	+	8984	3536.169	0	0.683268	0.217096	3.147303	0.002178	0.0173	1
ENSG0000	mucosal h	Inflamed	PKDREJ	protein_cc	chr22	46651560	46659219	-	7660	41.40334	0.019093	0.93147	0.296014	3.146706	0.002182	0.017324	1
ENSG0000	mucosal h	Inflamed	RP11-5287	lincRNA	chr3	1.94E+08	1.94E+08	-	984	100.0644	0.01432	0.87691	0.278679	3.146667	0.002182	0.017324	1
ENSG0000	mucosal h	Inflamed	DESI1	protein_cc	chr22	41994032	42017100	-	4972	2281.279	0	-0.22175	0.070479	-3.14641	0.002184	0.017333	1
ENSG0000	mucosal h	Inflamed	LY6G6C	protein_cc	chr6	31686425	31689622	-	1103	8.670644	0.124105	0.779825	0.247869	3.146116	0.002186	0.017343	1
ENSG0000	mucosal h	Inflamed	ZFYVE21	protein_cc	chr14	1.04E+08	1.04E+08	+	8390	1497.647	0	0.288038	0.091563	3.145778	0.002188	0.017356	1
ENSG0000	mucosal h	Inflamed	BCL2L13	protein_cc	chr22	18111621	18213388	+	7527	2150.42	0	0.273681	0.087028	3.14473	0.002195	0.017401	1
ENSG0000	mucosal h	Inflamed	RDH13	protein_cc	chr19	55550476	55582659	-	8575	1381.103	0	0.517941	0.164708	3.144611	0.002196	0.017401	1
ENSG0000	mucosal h	Inflamed	MTATP6P1	pseudoger	chr1	569076	569756	+	681	1792.938	0	0.527979	0.167902	3.144573	0.002196	0.017401	1
ENSG0000	mucosal h	Inflamed	SNORA53	snoRNA	chr12	98993413	98993661	+	249	4.298329	0.212411	0.53951	0.171569	3.144563	0.002196	0.017401	1
ENSG0000	mucosal h	Inflamed	ZXDC	protein_cc	chr3	1.26E+08	1.26E+08	-	7357	1435.134	0	0.422276	0.134319	3.143828	0.002201	0.017432	1
ENSG0000	mucosal h	Inflamed	RP11-4F57	lincRNA	chr15	95024040	95027181	+	3142	483.9356	0	0.701044	0.222996	3.143747	0.002202	0.017432	1
ENSG0000	mucosal h	Inflamed	PRR22	protein_cc	chr19	5782971	5784776	-	1806	87.51551	0	0.467146	0.148598	3.143695	0.002202	0.017432	1
ENSG0000	mucosal h	Inflamed	WIPF2	protein_cc	chr17	38375556	38440388	+	8123	4771.368	0	0.38339	0.121985	3.142925	0.002207	0.017468	1
ENSG0000	mucosal h	Inflamed	C1orf168	protein_cc	chr1	57184477	57285369	-	4633	9.078759	0.200477	0.771714	0.245572	3.142518	0.00221	0.017485	1
ENSG0000	mucosal h	Inflamed	MIR570	miRNA	chr3	1.95E+08	1.95E+08	+	97	45.52983	0.033413	0.871203	0.27727	3.142075	0.002213	0.017501	1
ENSG0000	mucosal h	Inflamed	AIM2	protein_cc	chr1	1.59E+08	1.59E+08	-	2009	143.7542	0	-0.90751	0.288835	-3.14197	0.002214	0.017501	1
ENSG0000	mucosal h	Inflamed	PLEKHA6	protein_cc	chr1	2.04E+08	2.04E+08	-	7820	7996.263	0	0.619068	0.197034	3.141932	0.002214	0.017501	1
ENSG0000	mucosal h	Inflamed	MFGE8	protein_cc	chr15	89441916	89456642	-	4744	3711.134	0	-0.58005	0.184631	-3.14166	0.002216	0.01751	1
ENSG0000	mucosal h	Inflamed	DEFB4B	protein_cc	chr8	7272382	7274385	-	332	5.224344	0.742243	-0.80042	0.254826	-3.14106	0.00222	0.017538	1
ENSG0000	mucosal h	Inflamed	ZNF608	protein_cc	chr5	1.24E+08	1.24E+08	-	6920	651.0048	0	0.674013	0.214665	3.13983	0.002229	0.0176	1
ENSG0000	mucosal h	Inflamed	MTND4P1	pseudoger	chr5	1.34E+08	1.34E+08	-	1377	1433.26	0	0.508956	0.162176	3.138306	0.002239	0.017678	1
ENSG0000	mucosal h	Inflamed	ZNF232	protein_cc	chr17	5008836	5026411	-	2794	224.5943	0	0.358669	0.114344	3.136765	0.00225	0.017755	1
ENSG0000	mucosal h	Inflamed	RP11-420L	antisense	chr6	3751345	3754105	+	2761	68.39857	0.002387	-0.59856	0.190827	-3.13664	0.002251	0.017755	1
ENSG0000	mucosal h	Inflamed	FOLR3	protein_cc	chr11	71825915	71850936	+	1394	27.33174	0.353222	-1.13065	0.360468	-3.13661	0.002251	0.017755	1
ENSG0000	mucosal h	Inflamed	TMEM56	protein_cc	chr1	95582894	95663163	+	7402	818.1575	0	0.9579	0.305427	3.136261	0.002253	0.017764	1
ENSG0000	mucosal h	Inflamed	MIR4701	miRNA	chr12	49165758	49165820	-	63	4.828162	0.286396	0.565419	0.180285	3.136253	0.002253	0.017764	1
ENSG0000	mucosal h	Inflamed	SHROOM3	protein_cc	chr4	77356253	77704406	+	13159	9901.033	0	0.671895	0.214281	3.13558	0.002258	0.017796	1
ENSG0000	mucosal h	Inflamed	DNAJC1	protein_cc	chr10	22045466	22292698	-	2501	1181.649	0	-0.36741	0.117186	-3.13525	0.00226	0.017809	1
ENSG0000	mucosal h	Inflamed	ARRB1	protein_cc	chr11	74975226	75062873	-	5976	2519.239	0	0.337865	0.107769	3.135082	0.002262	0.01781	1
ENSG0000	mucosal h	Inflamed	HLX	protein_cc	chr1	2.21E+08	2.21E+08	+	4144	541.4129	0	-0.63943	0.203963	-3.13504	0.002262	0.01781	1
ENSG0000	mucosal h	Inflamed	SUMF1	protein_cc	chr3	3742498	4508965	-	6952	1352.093	0	0.298801	0.095317	3.1348	0.002264	0.017817	1

ENSG0000	mucosal h	Inflamed	CARD9	protein_cc	chr9	1.39E+08	1.39E+08	-	6699	249.4582	0	-0.53336	0.170188	-3.13396	0.00227	0.017859	1
ENSG0000	mucosal h	Inflamed	MTRNR2L6	protein_cc	chr7	1.42E+08	1.42E+08	+	1447	9.508353	0.107399	0.694796	0.221708	3.133831	0.00227	0.01786	1
ENSG0000	mucosal h	Inflamed	RNF144A-1	processed	chr2	7052408	7058840	-	4648	34.68496	0.01432	-0.73333	0.234026	-3.13353	0.002273	0.017872	1
ENSG0000	mucosal h	Inflamed	AC011330	pseudoger	chr15	43955852	43976537	-	3235	8.365155	0.150358	0.635397	0.20281	3.13296	0.002277	0.01789	1
ENSG0000	mucosal h	Inflamed	ACAP1	protein_cc	chr17	7239848	7254797	+	7421	1470.544	0	-0.70003	0.223442	-3.13293	0.002277	0.01789	1
ENSG0000	mucosal h	Inflamed	RP11-30P6	lincRNA	chr6	86096937	86099904	-	2513	194.3126	0.00716	1.029013	0.328452	3.132916	0.002277	0.01789	1
ENSG0000	mucosal h	Inflamed	P2RY13	protein_cc	chr3	1.51E+08	1.51E+08	-	2764	433.2673	0	-0.83638	0.26698	-3.13273	0.002278	0.017895	1
ENSG0000	mucosal h	Inflamed	KRT12	protein_cc	chr17	39017555	39023462	-	1867	68.76372	0.02148	1.060283	0.338486	3.132429	0.00228	0.017906	1
ENSG0000	mucosal h	Inflamed	Y_RNA	misc_RNA	chr9	1.33E+08	1.33E+08	+	107	0.923628	0.761337	0.333711	0.106552	3.131923	0.002284	0.017925	1
ENSG0000	mucosal h	Inflamed	ANO2	protein_cc	chr12	5641035	6055398	-	6012	37.40334	0.002387	-0.60254	0.192389	-3.13188	0.002284	0.017925	1
ENSG0000	mucosal h	Inflamed	DUSP22	protein_cc	chr6	291630	351355	+	5686	1728.189	0	-0.35579	0.113614	-3.13156	0.002286	0.017938	1
ENSG0000	mucosal h	Inflamed	RP11-57H1	sense_intr	chr1	95585703	95604110	+	420	4.002387	0.372315	0.539681	0.172342	3.131462	0.002287	0.017938	1
ENSG0000	mucosal h	Inflamed	SLC17A4	protein_cc	chr6	25754927	25781419	+	4633	1489.36	0.00716	1.415996	0.452335	3.130413	0.002295	0.017991	1
ENSG0000	mucosal h	Inflamed	PLEKHG6	protein_cc	chr12	6419602	6437672	+	4260	3806.47	0	0.906624	0.289631	3.130276	0.002296	0.017993	1
ENSG0000	mucosal h	Inflamed	LMTK2	protein_cc	chr7	97736197	97838945	+	9139	4203.153	0	0.555111	0.177359	3.12988	0.002298	0.01801	1
ENSG0000	mucosal h	Inflamed	ATP13A5	protein_cc	chr3	1.93E+08	1.93E+08	-	6228	0.959427	0.768496	0.388552	0.12415	3.129696	0.0023	0.018015	1
ENSG0000	mucosal h	Inflamed	PPBP	protein_cc	chr4	74852755	74853914	-	715	7.961814	0.360382	-1.01798	0.325303	-3.12934	0.002302	0.01803	1
ENSG0000	mucosal h	Inflamed	SEMA6B	protein_cc	chr19	4542600	4559820	-	4423	1269.081	0	-0.68419	0.218648	-3.12918	0.002303	0.018033	1
ENSG0000	mucosal h	Inflamed	ECM1	protein_cc	chr1	1.5E+08	1.5E+08	+	3360	1966.866	0	-0.60065	0.191981	-3.12867	0.002307	0.018056	1
ENSG0000	mucosal h	Inflamed	OSTN-AS1	antisense	chr3	1.91E+08	1.91E+08	-	515	8.484487	0.147971	-0.73128	0.233755	-3.1284	0.002309	0.018066	1
ENSG0000	mucosal h	Inflamed	ZBTB48	protein_cc	chr1	6640061	6649340	+	4503	1071.931	0	0.313613	0.100251	3.128274	0.00231	0.018067	1
ENSG0000	mucosal h	Inflamed	RP1-35C21	lincRNA	chr1	1.77E+08	1.77E+08	+	491	11.47255	0.295943	0.61007	0.195073	3.127395	0.002316	0.018111	1
ENSG0000	mucosal h	Inflamed	TBX10	protein_cc	chr11	67398774	67407031	-	1548	476.673	0.002387	1.165389	0.372668	3.127155	0.002318	0.018119	1
ENSG0000	mucosal h	Inflamed	NCBP2-AS1	lincRNA	chr3	1.97E+08	1.97E+08	+	918	520.2864	0	0.294598	0.094217	3.126793	0.00232	0.01813	1
ENSG0000	mucosal h	Inflamed	SPATA20	protein_cc	chr17	48620419	48633213	+	5237	3318.542	0	0.279935	0.089529	3.126765	0.002321	0.01813	1
ENSG0000	mucosal h	Inflamed	CALHM2	protein_cc	chr10	1.05E+08	1.05E+08	-	3620	705.2554	0	-0.59523	0.190419	-3.12587	0.002327	0.018173	1
ENSG0000	mucosal h	Inflamed	GLIS1	protein_cc	chr1	53971910	54199877	-	2812	70.06683	0.023866	-0.81524	0.260814	-3.12577	0.002328	0.018173	1
ENSG0000	mucosal h	Inflamed	PAXIP1-AS1	lincRNA	chr7	1.55E+08	1.55E+08	+	2256	246.2172	0	0.425971	0.13628	3.125706	0.002328	0.018173	1
ENSG0000	mucosal h	Inflamed	RIPK2	protein_cc	chr8	90769975	90803291	+	3117	421.5967	0	-0.51821	0.165794	-3.12563	0.002329	0.018173	1
ENSG0000	mucosal h	Inflamed	LY86	protein_cc	chr6	6588341	6655216	+	1254	167.1814	0	-0.63904	0.204494	-3.12499	0.002333	0.018203	1
ENSG0000	mucosal h	Inflamed	KRBA2	protein_cc	chr17	8271955	8280029	-	2794	30.57757	0.023866	0.570745	0.18265	3.1248	0.002335	0.018203	1
ENSG0000	mucosal h	Inflamed	AC024560	pseudoger	chr3	1.97E+08	1.97E+08	-	3502	796.5513	0	0.778927	0.249275	3.124767	0.002335	0.018203	1
ENSG0000	mucosal h	Inflamed	NUTM2D	protein_cc	chr10	89117425	89130452	+	6985	70.26969	0.009547	0.532223	0.170329	3.124671	0.002336	0.018203	1
ENSG0000	mucosal h	Inflamed	RP11-88H1	lincRNA	chr1	1.13E+08	1.13E+08	+	3590	40.01671	0.02148	-1.04421	0.334198	-3.12453	0.002337	0.018203	1
ENSG0000	mucosal h	Inflamed	CASC4P1	pseudoger	chr13	20137729	20139040	-	1312	6.923628	0.157518	-0.70807	0.226619	-3.12451	0.002337	0.018203	1
ENSG0000	mucosal h	Inflamed	LINC00511	lincRNA	chr17	70319264	70636611	-	8615	726.6253	0	0.48723	0.155944	3.124393	0.002338	0.018204	1
ENSG0000	mucosal h	Inflamed	RGS18	protein_cc	chr1	1.92E+08	1.92E+08	+	2806	119.1599	0	-0.72961	0.233544	-3.1241	0.00234	0.018212	1
ENSG0000	mucosal h	Inflamed	DDA1	protein_cc	chr19	17420327	17434110	+	4596	1888.916	0	0.231956	0.074249	3.124014	0.00234	0.018212	1
ENSG0000	mucosal h	Inflamed	MYRIP	protein_cc	chr3	39850405	40301812	+	5872	362.9403	0	0.603101	0.193056	3.123967	0.002341	0.018212	1
ENSG0000	mucosal h	Inflamed	RP11-328H1	antisense	chr6	41462591	41516359	-	934	15.14797	0.038186	0.672491	0.215293	3.123606	0.002343	0.018227	1

ENSG0000	mucosal h	Inflamed	MINOS1	protein_cc	chr1	19923477	19956314	+	5220	788.315	0	0.301025	0.09639	3.122977	0.002348	0.018257	1
ENSG0000	mucosal h	Inflamed	GUCY1B3	protein_cc	chr4	1.57E+08	1.57E+08	+	3724	332.969	0.002387	-0.93268	0.29866	-3.12287	0.002349	0.018257	1
ENSG0000	mucosal h	Inflamed	IGFBP5	protein_cc	chr2	2.18E+08	2.18E+08	-	6442	29509.17	0	-1.0887	0.348631	-3.12279	0.002349	0.018257	1
ENSG0000	mucosal h	Inflamed	SCYL1	protein_cc	chr11	65292548	65306175	+	4282	3730.542	0	-0.25208	0.080749	-3.12174	0.002357	0.018306	1
ENSG0000	mucosal h	Inflamed	FZD10	protein_cc	chr12	1.31E+08	1.31E+08	+	3282	107.5227	0.00716	-0.84447	0.270515	-3.12172	0.002357	0.018306	1
ENSG0000	mucosal h	Inflamed	KB-431C1	antisense	chr8	1.03E+08	1.03E+08	+	2355	71.06205	0	0.598324	0.191698	3.12118	0.002361	0.018332	1
ENSG0000	mucosal h	Inflamed	PKIB	protein_cc	chr6	1.23E+08	1.23E+08	+	3270	1891.671	0	1.064329	0.341026	3.120967	0.002363	0.018338	1
ENSG0000	mucosal h	Inflamed	OLR1	protein_cc	chr12	10310902	10324737	-	3055	57.09308	0.045346	-1.2461	0.399291	-3.12079	0.002364	0.01834	1
ENSG0000	mucosal h	Inflamed	SLC4A10	protein_cc	chr2	1.62E+08	1.63E+08	+	7550	65.29117	0.026253	0.829359	0.265757	3.120737	0.002364	0.01834	1
ENSG0000	mucosal h	Inflamed	CTD-2314C	antisense	chr5	50668570	50679166	-	7152	38.23628	0.031026	0.991538	0.317748	3.120522	0.002366	0.018347	1
ENSG0000	mucosal h	Inflamed	STAP1	protein_cc	chr4	68424446	68473055	+	1655	97.14797	0	-0.85672	0.274553	-3.12041	0.002367	0.018348	1
ENSG0000	mucosal h	Inflamed	HHATL	protein_cc	chr3	42734155	42744319	-	2891	2.911695	0.556086	0.50255	0.161082	3.119847	0.002371	0.018374	1
ENSG0000	mucosal h	Inflamed	RASSF1	protein_cc	chr3	50367219	50378411	-	3677	1347.721	0	-0.31106	0.099707	-3.11976	0.002371	0.018374	1
ENSG0000	mucosal h	Inflamed	DUSP18	protein_cc	chr22	31048038	31063877	-	4450	506.1289	0	0.313771	0.100599	3.119035	0.002377	0.01841	1
ENSG0000	mucosal h	Inflamed	AGBL5	protein_cc	chr2	27265232	27293490	+	5283	793.1838	0	0.265532	0.085138	3.118844	0.002378	0.018415	1
ENSG0000	mucosal h	Inflamed	SPRN	protein_cc	chr10	1.35E+08	1.35E+08	-	3269	7.813842	0.133652	-0.70954	0.227515	-3.11866	0.002379	0.01842	1
ENSG0000	mucosal h	Inflamed	ZNF577	protein_cc	chr19	52359055	52394203	-	6234	210.2291	0	0.728776	0.233692	3.118537	0.00238	0.018422	1
ENSG0000	mucosal h	Inflamed	PHLDB3	protein_cc	chr19	43979106	44009087	-	4553	396.8831	0	0.338062	0.108409	3.118385	0.002381	0.018425	1
ENSG0000	mucosal h	Inflamed	RPN1	protein_cc	chr3	1.28E+08	1.28E+08	-	3988	11124.56	0	-0.28269	0.090662	-3.11809	0.002384	0.018436	1
ENSG0000	mucosal h	Inflamed	RP11-671J	antisense	chr14	35025980	35030504	+	1137	1.224344	0.711217	0.332119	0.106584	3.116037	0.002399	0.018548	1
ENSG0000	mucosal h	Inflamed	KLHL36	protein_cc	chr16	84682131	84701292	+	9995	2954.516	0	0.363224	0.116594	3.115299	0.002404	0.018583	1
ENSG0000	mucosal h	Inflamed	GRIK2	protein_cc	chr6	1.02E+08	1.03E+08	+	7492	16.2148	0.062053	0.766663	0.246101	3.11524	0.002405	0.018583	1
ENSG0000	mucosal h	Inflamed	RARRES2	protein_cc	chr7	1.5E+08	1.5E+08	-	1919	2346.888	0	-0.73101	0.234685	-3.11484	0.002408	0.0186	1
ENSG0000	mucosal h	Inflamed	CYP2W1	protein_cc	chr7	1022835	1029276	+	2773	84.33652	0.026253	1.3846	0.444577	3.11442	0.002411	0.018619	1
ENSG0000	mucosal h	Inflamed	OTOP3	protein_cc	chr17	72931814	72946087	+	2516	41.06205	0.171838	1.337454	0.429484	3.114092	0.002413	0.018632	1
ENSG0000	mucosal h	Inflamed	SLC1A7	protein_cc	chr1	53552855	53608289	-	4237	78.70883	0.047733	1.179936	0.378915	3.113987	0.002414	0.018633	1
ENSG0000	mucosal h	Inflamed	CERS6	protein_cc	chr2	1.69E+08	1.7E+08	+	7238	3335.174	0	0.693153	0.222601	3.113876	0.002415	0.018634	1
ENSG0000	mucosal h	Inflamed	RP11-524f	antisense	chr6	54704916	54705653	-	586	11.46062	0.095465	0.644744	0.207067	3.113698	0.002416	0.018635	1
ENSG0000	mucosal h	Inflamed	SERPINA4	protein_cc	chr14	95027428	95036250	+	2338	1.930788	0.692124	-0.67913	0.218118	-3.11359	0.002417	0.018635	1
ENSG0000	mucosal h	Inflamed	GNG13	protein_cc	chr16	848041	850733	-	984	23.63962	0.147971	1.019077	0.327301	3.113574	0.002417	0.018635	1
ENSG0000	mucosal h	Inflamed	DOPEY2	protein_cc	chr21	37529080	37666572	+	9030	3773.802	0	0.6081	0.195328	3.113227	0.00242	0.018649	1
ENSG0000	mucosal h	Inflamed	NAGLU	protein_cc	chr17	40688190	40696467	+	3004	2033.63	0	-0.25991	0.083502	-3.11259	0.002424	0.01868	1
ENSG0000	mucosal h	Inflamed	RP11-134k	lincRNA	chr6	71306141	71306683	+	543	4.212411	0.26969	0.528567	0.169832	3.112302	0.002427	0.018691	1
ENSG0000	mucosal h	Inflamed	SH2B1	protein_cc	chr16	28857921	28885526	+	7138	3388.126	0	0.379621	0.121982	3.11211	0.002428	0.018697	1
ENSG0000	mucosal h	Inflamed	SGIP1	protein_cc	chr1	66999066	67213982	+	10493	220.9045	0.00716	-1.01645	0.326643	-3.11181	0.00243	0.018709	1
ENSG0000	mucosal h	Inflamed	HOXA13	protein_cc	chr7	27233122	27239725	-	4664	1290.375	0.01432	0.865794	0.278255	3.111508	0.002433	0.018721	1
ENSG0000	mucosal h	Inflamed	PPAPDC3	protein_cc	chr9	1.34E+08	1.34E+08	+	2430	102.0286	0	-0.67388	0.216605	-3.11108	0.002436	0.018737	1
ENSG0000	mucosal h	Inflamed	AGAP8	protein_cc	chr10	51224681	51371321	-	3941	52.77566	0.026253	0.817963	0.262923	3.111034	0.002436	0.018737	1
ENSG0000	mucosal h	Inflamed	CASP6	protein_cc	chr4	1.11E+08	1.11E+08	-	1936	999.642	0	0.520882	0.167436	3.110942	0.002437	0.018737	1
ENSG0000	mucosal h	Inflamed	AC019330	lincRNA	chr2	1.99E+08	2E+08	-	504	3.594272	0.548926	0.555088	0.178444	3.110709	0.002438	0.018745	1

ENSG0000	mucosal h	Inflamed	CCRN4L	protein_cc	chr4	1.4E+08	1.4E+08	+	1769	257.0931	0.002387	-0.58843	0.189172	-3.11056	0.00244	0.018748	1
ENSG0000	mucosal h	Inflamed	TAS2R6	pseudoger	chr7	1.41E+08	1.41E+08	+	826	12.01909	0.124105	0.784312	0.252198	3.109908	0.002445	0.01878	1
ENSG0000	mucosal h	Inflamed	TRAF4	protein_cc	chr17	27071002	27077974	+	4594	2934.305	0	0.288039	0.092622	3.109821	0.002445	0.01878	1
ENSG0000	mucosal h	Inflamed	C11orf49	protein_cc	chr11	46958240	47185936	+	5671	993.3126	0	0.287784	0.092552	3.109422	0.002448	0.018798	1
ENSG0000	mucosal h	Inflamed	IGFLR1	protein_cc	chr19	36230058	36233354	-	1847	66.21957	0.002387	-0.57256	0.184167	-3.10894	0.002452	0.01882	1
ENSG0000	mucosal h	Inflamed	RP11-505k	antisense	chr16	84150656	84151176	+	521	15.70406	0	-0.41545	0.133685	-3.1077	0.002461	0.018887	1
ENSG0000	mucosal h	Inflamed	GBP1P1	pseudoger	chr1	89873238	89891802	+	2352	55.28878	0.01432	-0.93725	0.3016	-3.10758	0.002462	0.018888	1
ENSG0000	mucosal h	Inflamed	RP11-357L	processed_chr	5	66759637	66771420	-	837	1.252983	0.732697	0.460589	0.148252	3.106805	0.002468	0.018927	1
ENSG0000	mucosal h	Inflamed	OPLAH	protein_cc	chr8	1.45E+08	1.45E+08	-	4321	1572.962	0	0.508979	0.163837	3.106622	0.002469	0.018933	1
ENSG0000	mucosal h	Inflamed	MXRA5	protein_cc	chrX	3226606	3264682	-	9793	7582.747	0	-0.79294	0.255282	-3.10613	0.002473	0.018956	1
ENSG0000	mucosal h	Inflamed	SMAD7	protein_cc	chr18	46446223	46477081	-	3692	1275.165	0	0.411474	0.132489	3.105721	0.002476	0.018971	1
ENSG0000	mucosal h	Inflamed	CXorf21	protein_cc	chrX	30576941	30595961	-	1855	123.0215	0.002387	-0.75769	0.243968	-3.10568	0.002477	0.018971	1
ENSG0000	mucosal h	Inflamed	Y_RNA	misc_RNA	chr2	85661630	85661742	+	113	3.77327	0.463007	0.570835	0.183822	3.105366	0.002479	0.018984	1
ENSG0000	mucosal h	Inflamed	PTPRF	protein_cc	chr1	43990858	44089343	+	10719	27418.13	0	0.709892	0.228626	3.105037	0.002481	0.018998	1
ENSG0000	mucosal h	Inflamed	AC093585	antisense	chr2	2.42E+08	2.42E+08	-	428	0.952267	0.768496	0.340665	0.109718	3.104927	0.002482	0.018998	1
ENSG0000	mucosal h	Inflamed	AC090587	sense_ove	chr11	3837982	3843130	+	2843	54.36993	0.045346	0.890568	0.286881	3.10431	0.002487	0.019029	1
ENSG0000	mucosal h	Inflamed	GYG1	protein_cc	chr3	1.49E+08	1.49E+08	+	3475	1042.988	0	-0.35931	0.115781	-3.10335	0.002494	0.019068	1
ENSG0000	mucosal h	Inflamed	SIK2	protein_cc	chr11	1.11E+08	1.12E+08	+	9796	2630.138	0	0.421987	0.135981	3.103287	0.002495	0.019068	1
ENSG0000	mucosal h	Inflamed	FAM211A	protein_cc	chr17	16344891	16395467	-	3695	1882.995	0	0.706093	0.227536	3.103213	0.002495	0.019068	1
ENSG0000	mucosal h	Inflamed	GTSF1L	protein_cc	chr20	42354804	42355638	-	835	2.317422	0.579952	-0.54588	0.17591	-3.1032	0.002496	0.019068	1
ENSG0000	mucosal h	Inflamed	DOLK	protein_cc	chr9	1.32E+08	1.32E+08	-	2090	606.1814	0	-0.26315	0.084802	-3.10317	0.002496	0.019068	1
ENSG0000	mucosal h	Inflamed	FSCN3	protein_cc	chr7	1.27E+08	1.27E+08	+	3214	4.501193	0.178998	0.506121	0.163134	3.102487	0.002501	0.019103	1
ENSG0000	mucosal h	Inflamed	ITGA5	protein_cc	chr12	54789045	54813244	-	7577	4737.473	0	-0.92198	0.297209	-3.10213	0.002504	0.019118	1
ENSG0000	mucosal h	Inflamed	SH3YL1	protein_cc	chr2	217730	266398	-	11165	1529.854	0	0.590084	0.190246	3.101686	0.002507	0.019139	1
ENSG0000	mucosal h	Inflamed	FKBP2	protein_cc	chr11	64008475	64011604	+	1608	2135.511	0	-0.36001	0.116073	-3.10156	0.002508	0.01914	1
ENSG0000	mucosal h	Inflamed	TMEM171	protein_cc	chr5	72416119	72427644	+	1535	1590.508	0	0.855296	0.275796	3.101191	0.002511	0.019157	1
ENSG0000	mucosal h	Inflamed	FXYD3	protein_cc	chr19	35606732	35615228	+	3385	17661.71	0	0.937498	0.302316	3.101053	0.002512	0.019157	1
ENSG0000	mucosal h	Inflamed	MIF	protein_cc	chr22	24236191	24237414	+	1109	2893.979	0	-0.45347	0.146235	-3.10099	0.002513	0.019157	1
ENSG0000	mucosal h	Inflamed	RP11-223C	lincRNA	chr4	1.43E+08	1.44E+08	+	512	22.18616	0.066826	-0.955	0.308002	-3.10063	0.002515	0.019167	1
ENSG0000	mucosal h	Inflamed	TBPL2	protein_cc	chr14	55880259	55923444	-	2407	1.863962	0.646778	0.483873	0.156061	3.10053	0.002516	0.019167	1
ENSG0000	mucosal h	Inflamed	DMAP1	protein_cc	chr1	44679127	44686353	+	5599	1459.683	0	0.324319	0.104601	3.100529	0.002516	0.019167	1
ENSG0000	mucosal h	Inflamed	C11orf84	protein_cc	chr11	63580860	63595190	+	2807	558.9928	0	-0.39952	0.128859	-3.10044	0.002517	0.019167	1
ENSG0000	mucosal h	Inflamed	KLF1	protein_cc	chr19	12995237	12997995	-	1592	3.260143	0.286396	-0.52262	0.168626	-3.0993	0.002526	0.019229	1
ENSG0000	mucosal h	Inflamed	RP11-385J	antisense	chr3	1.78E+08	1.79E+08	-	1691	1.801909	0.587112	0.418966	0.135189	3.099113	0.002527	0.019234	1
ENSG0000	mucosal h	Inflamed	NINJ2	protein_cc	chr12	673462	772945	-	2048	163.0788	0	-0.49326	0.159169	-3.09899	0.002528	0.019234	1
ENSG0000	mucosal h	Inflamed	ZKSCAN1	protein_cc	chr7	99613204	99639312	+	10299	4317.601	0	0.669649	0.21609	3.098934	0.002528	0.019234	1
ENSG0000	mucosal h	Inflamed	HLA-DQB2	protein_cc	chr6	32723875	32731311	-	2028	241.4439	0.016706	-0.7551	0.243684	-3.09868	0.00253	0.019244	1
ENSG0000	mucosal h	Inflamed	GOLGA2B	pseudoger	chr12	1.01E+08	1.01E+08	-	10957	938.642	0	0.962719	0.310741	3.098137	0.002535	0.019263	1
ENSG0000	mucosal h	Inflamed	CTA-246H	pseudoger	chr22	25745510	25746289	-	780	26.39379	0.040573	0.706976	0.228195	3.098126	0.002535	0.019263	1
ENSG0000	mucosal h	Inflamed	hsa-mir-45	miRNA	chr14	1.06E+08	1.06E+08	-	78	33.10263	0.076372	-1.02286	0.330159	-3.09808	0.002535	0.019263	1

ENSG0000	mucosal h	Inflamed	LA16c-321 antisense	chr16	2989715	3004277	-	510	18.95704	0.050119	0.83103	0.268261	3.097844	0.002537	0.019271	1
ENSG0000	mucosal h	Inflamed	RPL22P19 pseudoger	chr12	1.25E+08	1.25E+08	-	441	0.78043	0.797136	0.29467	0.09514	3.097227	0.002542	0.019302	1
ENSG0000	mucosal h	Inflamed	CCDC162P pseudoger	chr6	1.1E+08	1.1E+08	+	3773	206.8759	0	1.066021	0.344277	3.096405	0.002548	0.019345	1
ENSG0000	mucosal h	Inflamed	CLCF1	protein_cc chr11	67131639	67141648	-	1986	301.3461	0	-0.66215	0.213873	-3.09599	0.002551	0.019364	1
ENSG0000	mucosal h	Inflamed	EFCAB4A	protein_cc chr11	826144	831991	+	3913	1949.974	0	0.462111	0.149318	3.094802	0.002561	0.019429	1
ENSG0000	mucosal h	Inflamed	RP11-452L lincRNA	chr16	31460856	31464814	-	449	37.52267	0.004773	0.547029	0.176764	3.094688	0.002562	0.01943	1
ENSG0000	mucosal h	Inflamed	RP11-5711 prime_ov	chr12	58117544	58119448	-	1905	30.95465	0.019093	-0.61235	0.197886	-3.09447	0.002563	0.019438	1
ENSG0000	mucosal h	Inflamed	SULT2B1	protein_cc chr19	49055332	49102682	+	2822	156.2172	0.002387	-0.97881	0.316321	-3.09437	0.002564	0.019438	1
ENSG0000	mucosal h	Inflamed	ING5	protein_cc chr2	2.43E+08	2.43E+08	+	8200	1123.033	0	0.387511	0.125253	3.093834	0.002568	0.019465	1
ENSG0000	mucosal h	Inflamed	SIK1	protein_cc chr21	44834395	44847008	-	4886	2234.148	0	-0.9575	0.309505	-3.09366	0.00257	0.019469	1
ENSG0000	mucosal h	Inflamed	CKLF	protein_cc chr16	66586466	66600154	+	1161	275.2196	0	-0.4729	0.152878	-3.0933	0.002573	0.019481	1
ENSG0000	mucosal h	Inflamed	GNE	protein_cc chr9	36214438	36277053	-	5477	4901.272	0	0.701069	0.226642	3.093283	0.002573	0.019481	1
ENSG0000	mucosal h	Inflamed	BEND7	protein_cc chr10	13480484	13570974	-	9815	719.2291	0	0.569308	0.184137	3.091768	0.002585	0.019561	1
ENSG0000	mucosal h	Inflamed	RP11-475C lincRNA	chr1	84041459	84326706	-	5425	3.252983	0.295943	0.492413	0.159269	3.091711	0.002585	0.019561	1
ENSG0000	mucosal h	Inflamed	SNORA31	snoRNA chr13	45910449	45910582	-	134	5.451074	0.126492	0.533743	0.17264	3.091656	0.002586	0.019561	1
ENSG0000	mucosal h	Inflamed	DUSP8	protein_cc chr11	1575274	1593150	-	4616	1430.2	0	0.568717	0.183971	3.091336	0.002588	0.019575	1
ENSG0000	mucosal h	Inflamed	CTB-102L5 sense_intr	chr19	38690476	38691574	+	432	7.016706	0.128878	0.580102	0.187695	3.090661	0.002594	0.01961	1
ENSG0000	mucosal h	Inflamed	RP11-299C antisense	chr15	1.02E+08	1.02E+08	+	2590	11.59666	0.071599	0.666533	0.215704	3.090034	0.002599	0.019642	1
ENSG0000	mucosal h	Inflamed	RP11-466A sense_intr	chr17	30836972	30850442	-	927	15.5179	0.0358	0.625545	0.202446	3.089939	0.002599	0.019642	1
ENSG0000	mucosal h	Inflamed	C21orf49	protein_cc chr21	34144411	34266043	+	3503	24.38663	0.009547	0.532702	0.172419	3.089582	0.002602	0.019658	1
ENSG0000	mucosal h	Inflamed	CTD-2260 antisense	chr5	96140056	96141808	+	569	1.687351	0.620525	0.404742	0.131012	3.089358	0.002604	0.019666	1
ENSG0000	mucosal h	Inflamed	PADI1	protein_cc chr1	17531621	17572500	+	5061	30.24582	0.023866	0.86487	0.279997	3.088857	0.002608	0.019686	1
ENSG0000	mucosal h	Inflamed	MX2	protein_cc chr21	42733870	42781317	+	13175	902.3222	0	-0.73318	0.237365	-3.08884	0.002608	0.019686	1
ENSG0000	mucosal h	Inflamed	CRYM	protein_cc chr16	21250195	21314404	-	3782	249.821	0.00716	0.886958	0.287237	3.087892	0.002616	0.019737	1
ENSG0000	mucosal h	Inflamed	ST6GALNA	protein_cc chr17	74620843	74639920	-	3448	15561.72	0	0.893602	0.289534	3.086342	0.002628	0.019826	1
ENSG0000	mucosal h	Inflamed	ACSS2	protein_cc chr20	33459949	33515769	+	5389	8883.496	0	0.568033	0.184054	3.086227	0.002629	0.019827	1
ENSG0000	mucosal h	Inflamed	DGKQ	protein_cc chr4	952675	980683	-	4970	3332.334	0	0.449634	0.1457	3.086033	0.002631	0.019833	1
ENSG0000	mucosal h	Inflamed	GASS-AS1 antisense	chr1	1.74E+08	1.74E+08	+	694	24.22434	0.011933	0.469101	0.15202	3.085783	0.002633	0.019838	1
ENSG0000	mucosal h	Inflamed	C1orf54	protein_cc chr1	1.5E+08	1.5E+08	+	1351	193.7852	0	-0.45075	0.146077	-3.0857	0.002633	0.019838	1
ENSG0000	mucosal h	Inflamed	RP11-130L lincRNA	chr2	20786008	20786446	-	439	3.713604	0.27685	0.534265	0.173144	3.085674	0.002633	0.019838	1
ENSG0000	mucosal h	Inflamed	ABCC6P2 pseudoger	chr16	14914649	14918563	-	1088	42.11456	0.011933	0.711255	0.230547	3.085072	0.002638	0.019869	1
ENSG0000	mucosal h	Inflamed	P2RY10	protein_cc chrX	78200829	78217451	+	1803	152.747	0.002387	-0.84276	0.273207	-3.0847	0.002641	0.01988	1
ENSG0000	mucosal h	Inflamed	AC020907 pseudoger	chr19	35628549	35630484	-	1934	2.188544	0.556086	0.455115	0.147543	3.084629	0.002642	0.01988	1
ENSG0000	mucosal h	Inflamed	RAB39B	protein_cc chrX	1.54E+08	1.54E+08	-	3505	79.8043	0.009547	-0.80494	0.260961	-3.08451	0.002643	0.01988	1
ENSG0000	mucosal h	Inflamed	NXPE1	protein_cc chr11	1.14E+08	1.14E+08	-	4317	2923.804	0.004773	1.518006	0.492138	3.084513	0.002643	0.01988	1
ENSG0000	mucosal h	Inflamed	C17orf50	protein_cc chr17	34087916	34092098	+	1063	1.53222	0.591885	0.32922	0.106741	3.084282	0.002645	0.019888	1
ENSG0000	mucosal h	Inflamed	HSD3B1	protein_cc chr1	1.2E+08	1.2E+08	+	2447	14.34606	0.355609	0.984949	0.319358	3.084157	0.002646	0.01989	1
ENSG0000	mucosal h	Inflamed	CTD-2006 lincRNA	chr17	72595979	72603368	+	3602	16.56563	0.083532	-0.84167	0.272928	-3.08385	0.002648	0.019903	1
ENSG0000	mucosal h	Inflamed	C12orf77	protein_cc chr12	25146358	25150453	-	2474	1.75179	0.656325	-0.53362	0.173077	-3.08313	0.002654	0.019942	1
ENSG0000	mucosal h	Inflamed	GJA9	protein_cc chr1	39330175	39347289	-	3250	1.653938	0.582339	0.511681	0.165968	3.083004	0.002655	0.019944	1

ENSG0000	mucosal h	Inflamed	CCDC71L	protein_cc chr7	1.06E+08	1.06E+08	-	4232	1253.31	0	-0.60153	0.19515	-3.0824	0.00266	0.019974	1
ENSG0000	mucosal h	Inflamed	ADCY9	protein_cc chr16	4003388	4166186	-	10358	2802.158	0	0.517787	0.167986	3.082323	0.002661	0.019974	1
ENSG0000	mucosal h	Inflamed	ERMAP	protein_cc chr1	43282795	43310660	+	4631	686	0	0.421075	0.136618	3.082133	0.002662	0.019977	1
ENSG0000	mucosal h	Inflamed	RHOV	protein_cc chr15	41164412	41166487	-	1705	155.7351	0.002387	0.704681	0.228643	3.082014	0.002663	0.019977	1
ENSG0000	mucosal h	Inflamed	COL7A1	protein_cc chr3	48601506	48632700	-	11071	3527.107	0	-1.30548	0.423583	-3.082	0.002663	0.019977	1
ENSG0000	mucosal h	Inflamed	ALDH4A1	protein_cc chr1	19197926	19229275	-	3687	422.2697	0	-0.38903	0.126241	-3.08162	0.002666	0.019994	1
ENSG0000	mucosal h	Inflamed	IDH2	protein_cc chr15	90626277	90645736	-	2814	8242.411	0	-0.37053	0.120244	-3.08151	0.002667	0.019995	1
ENSG0000	mucosal h	Inflamed	ADAMTS9	antisense chr3	64547014	64573878	+	4417	4.379475	0.374702	0.810832	0.263153	3.081217	0.00267	0.020007	1
ENSG0000	mucosal h	Inflamed	CARD11	protein_cc chr7	2945775	3083579	-	4707	930.8234	0	-0.72945	0.236791	-3.08057	0.002675	0.020041	1
ENSG0000	mucosal h	Inflamed	ZNF662	protein_cc chr3	42947223	42960825	+	6762	277.6062	0	0.895192	0.290664	3.079813	0.002681	0.020082	1
ENSG0000	mucosal h	Inflamed	TMEM170	protein_cc chr16	75476952	75499395	-	5572	1567.919	0	0.601384	0.195279	3.079621	0.002683	0.020088	1
ENSG0000	mucosal h	Inflamed	TINAG	protein_cc chr6	54172657	54254950	+	2155	259.7589	0.009547	0.808688	0.262747	3.077816	0.002698	0.020194	1
ENSG0000	mucosal h	Inflamed	LINC00866	lincRNA chr10	99588235	99609555	-	418	4.186158	0.436754	0.672301	0.218457	3.0775	0.0027	0.020207	1
ENSG0000	mucosal h	Inflamed	SLC35F6	protein_cc chr2	26987152	27004099	+	3902	2279.37	0	-0.29352	0.095386	-3.07719	0.002703	0.02022	1
ENSG0000	mucosal h	Inflamed	RP4-569M	antisense chr20	45981305	45983377	+	1809	3.121718	0.295943	-0.58116	0.188878	-3.0769	0.002705	0.020233	1
ENSG0000	mucosal h	Inflamed	PLVAP	protein_cc chr19	17462257	17488159	-	2305	8679.902	0	-0.69131	0.224689	-3.07675	0.002706	0.020237	1
ENSG0000	mucosal h	Inflamed	MYL6B	protein_cc chr12	56546040	56553431	+	3264	424.9881	0	-0.457	0.148545	-3.0765	0.002708	0.020246	1
ENSG0000	mucosal h	Inflamed	SLC35F2	protein_cc chr11	1.08E+08	1.08E+08	-	3717	1430.897	0	0.345902	0.112455	3.075921	0.002713	0.020276	1
ENSG0000	mucosal h	Inflamed	RP11-514F	sense_intr chr11	36408071	36409800	+	151	3.28401	0.396181	0.576575	0.187465	3.075636	0.002716	0.020285	1
ENSG0000	mucosal h	Inflamed	RP11-38L1	antisense chr10	46951472	46966835	+	991	7.918854	0.090692	-0.58938	0.191633	-3.07559	0.002716	0.020285	1
ENSG0000	mucosal h	Inflamed	ACOX2	protein_cc chr3	58490863	58523046	-	3859	430.7637	0	0.577022	0.187669	3.074676	0.002724	0.020336	1
ENSG0000	mucosal h	Inflamed	GCNT2	protein_cc chr6	10492456	10629601	+	9052	314.179	0	0.775039	0.252089	3.074462	0.002725	0.020343	1
ENSG0000	mucosal h	Inflamed	TRIP6	protein_cc chr7	1E+08	1E+08	+	2802	1541.821	0	-0.36162	0.117624	-3.07438	0.002726	0.020343	1
ENSG0000	mucosal h	Inflamed	AC187652	protein_cc chr7	302918	304070	+	501	4.72315	0.360382	-0.69573	0.226319	-3.07412	0.002728	0.020353	1
ENSG0000	mucosal h	Inflamed	Y_RNA	misc_RNA chr10	1.29E+08	1.29E+08	+	97	1.011933	0.73031	0.383706	0.124822	3.074035	0.002729	0.020353	1
ENSG0000	mucosal h	Inflamed	OR5G5P	pseudoger chr11	56569332	56587184	-	1081	3.147971	0.534606	0.582034	0.189361	3.073667	0.002732	0.02037	1
ENSG0000	mucosal h	Inflamed	NBR2	pseudoger chr17	41277627	41305688	+	2096	231.0811	0	0.468149	0.152314	3.073577	0.002733	0.02037	1
ENSG0000	mucosal h	Inflamed	RNU6-377	snRNA chr3	12556205	12556306	+	102	1.066826	0.711217	0.393287	0.127976	3.073128	0.002737	0.020392	1
ENSG0000	mucosal h	Inflamed	GLRX	protein_cc chr5	95087023	95158709	-	6508	2181.947	0	-0.51083	0.166254	-3.0726	0.002741	0.020419	1
ENSG0000	mucosal h	Inflamed	LGI2	protein_cc chr4	25000469	25032501	-	6428	243.4081	0.004773	-1.00963	0.328669	-3.07189	0.002747	0.020458	1
ENSG0000	mucosal h	Inflamed	TAPBPL	protein_cc chr12	6560856	6575683	+	3188	2992.63	0	-0.317	0.103228	-3.0709	0.002755	0.020514	1
ENSG0000	mucosal h	Inflamed	MPV17	protein_cc chr2	27532360	27548547	-	4653	1054.134	0	-0.24511	0.079819	-3.07078	0.002756	0.020514	1
ENSG0000	mucosal h	Inflamed	CA14	protein_cc chr1	1.5E+08	1.5E+08	+	3838	9.610979	0.105012	0.635525	0.206966	3.070682	0.002757	0.020514	1
ENSG0000	mucosal h	Inflamed	KCNJ2-AS1	antisense chr17	68163102	68165543	-	2442	56.68735	0	0.563338	0.18346	3.070627	0.002758	0.020514	1
ENSG0000	mucosal h	Inflamed	LINC00667	lincRNA chr18	5232875	5246507	+	6979	1203.196	0	0.361569	0.117756	3.070483	0.002759	0.020517	1
ENSG0000	mucosal h	Inflamed	FEV	protein_cc chr2	2.2E+08	2.2E+08	-	2049	122.6062	0.023866	1.248252	0.406554	3.070324	0.00276	0.020521	1
ENSG0000	mucosal h	Inflamed	AL122127	miRNA chr14	1.06E+08	1.06E+08	-	78	43.54177	0.052506	-1.05939	0.345097	-3.06983	0.002764	0.020546	1
ENSG0000	mucosal h	Inflamed	C11orf80	protein_cc chr11	66511922	66610987	+	3953	736.3771	0	-0.32711	0.106583	-3.06909	0.002771	0.020587	1
ENSG0000	mucosal h	Inflamed	TRAPPC12	antisense chr2	3485013	3486180	-	908	1.217184	0.75895	0.414565	0.135147	3.067503	0.002784	0.020675	1
ENSG0000	mucosal h	Inflamed	ZFY-AS1	antisense chrY	2834885	2870667	-	796	1.823389	0.630072	0.38637	0.125956	3.067498	0.002784	0.020675	1

ENSG0000	mucosal h	Inflamed	RP11-400M antisense	chr2	2.34E+08	2.34E+08	-	2285	12.58711	0.066826	0.696153	0.226954	3.067379	0.002785	0.020675	1	
ENSG0000	mucosal h	Inflamed	RP11-35P1 lincRNA	chr11	1.18E+08	1.18E+08	+	376	21.21241	0.047733	0.816453	0.266177	3.067327	0.002785	0.020675	1	
ENSG0000	mucosal h	Inflamed	LPHN1	protein_cc	chr19	14260750	14316999	-	6292	1208.733	0	0.473393	0.154373	3.066547	0.002792	0.020718	1
ENSG0000	mucosal h	Inflamed	CTBP2	protein_cc	chr10	1.27E+08	1.27E+08	-	7411	3834.589	0	0.354153	0.115499	3.066278	0.002794	0.020724	1
ENSG0000	mucosal h	Inflamed	CXorf23	protein_cc	chrX	19930978	19988416	-	8630	462.9547	0	0.738867	0.240966	3.066271	0.002794	0.020724	1
ENSG0000	mucosal h	Inflamed	NGEF	protein_cc	chr2	2.34E+08	2.34E+08	-	4687	1231.427	0	0.665715	0.217167	3.065451	0.002801	0.020759	1
ENSG0000	mucosal h	Inflamed	CTA-963H1 pseudoger	chr22	31049864	31050801	-	612	57.53699	0.002387	0.522129	0.170327	3.065444	0.002801	0.020759	1	
ENSG0000	mucosal h	Inflamed	LANCL3	protein_cc	chrX	37430822	37543716	+	10298	137.3556	0	0.836178	0.272777	3.065432	0.002802	0.020759	1
ENSG0000	mucosal h	Inflamed	ZNF69	protein_cc	chr19	11998599	12025144	+	2931	210.2745	0	0.598343	0.195267	3.064233	0.002812	0.020824	1
ENSG0000	mucosal h	Inflamed	AK1	protein_cc	chr9	1.31E+08	1.31E+08	-	2667	507.6683	0	0.565306	0.184494	3.064088	0.002813	0.020824	1
ENSG0000	mucosal h	Inflamed	SPG7	protein_cc	chr16	89557325	89624176	+	10035	3370.764	0	0.316276	0.103221	3.064058	0.002813	0.020824	1
ENSG0000	mucosal h	Inflamed	KB-1410C5 lincRNA	chr8	1.02E+08	1.02E+08	+	731	1.085919	0.73031	0.353785	0.115464	3.064039	0.002814	0.020824	1	
ENSG0000	mucosal h	Inflamed	CCR4	protein_cc	chr3	32993066	32997841	+	3095	143.1742	0.016706	-0.91203	0.297678	-3.06381	0.002816	0.020824	1
ENSG0000	mucosal h	Inflamed	C12orf61	protein_cc	chr12	62995531	62997214	-	1684	24.07876	0.002387	-0.5556	0.181344	-3.06377	0.002816	0.020824	1
ENSG0000	mucosal h	Inflamed	FAM127C	protein_cc	chrX	1.34E+08	1.34E+08	-	2017	225.1313	0.002387	-0.5957	0.194434	-3.06376	0.002816	0.020824	1
ENSG0000	mucosal h	Inflamed	RP11-392E processed	chr9	38542386	38543212	-	469	2.243437	0.472554	0.473377	0.154585	3.06224	0.002829	0.020915	1	
ENSG0000	mucosal h	Inflamed	ZNF124	protein_cc	chr1	2.47E+08	2.47E+08	-	4517	196.148	0.002387	0.612508	0.200142	3.060362	0.002845	0.021029	1
ENSG0000	mucosal h	Inflamed	ALDH18A1	protein_cc	chr10	97365696	97416463	-	3756	6424.585	0	0.442458	0.144584	3.060221	0.002846	0.021032	1
ENSG0000	mucosal h	Inflamed	RP11-18B1 lincRNA	chr9	1.16E+08	1.16E+08	+	1223	5.02864	0.529833	-0.9381	0.306579	-3.05988	0.002849	0.021048	1	
ENSG0000	mucosal h	Inflamed	RAB4A	protein_cc	chr1	2.29E+08	2.29E+08	+	3297	1191.124	0	0.289056	0.094479	3.059478	0.002853	0.021068	1
ENSG0000	mucosal h	Inflamed	COLEC10	protein_cc	chr8	1.2E+08	1.2E+08	+	1670	13.48687	0.140811	-0.92865	0.303551	-3.0593	0.002854	0.02107	1
ENSG0000	mucosal h	Inflamed	C2orf88	protein_cc	chr2	1.91E+08	1.91E+08	+	5997	1764.74	0	0.824601	0.269542	3.059263	0.002855	0.02107	1
ENSG0000	mucosal h	Inflamed	CTD-2616J sense_intr	chr19	51864966	51868798	-	473	15.20286	0.076372	0.668305	0.218487	3.058783	0.002859	0.021095	1	
ENSG0000	mucosal h	Inflamed	SFMBT2	protein_cc	chr10	7200586	7453450	-	9955	945.611	0	-0.63916	0.20898	-3.05849	0.002862	0.021108	1
ENSG0000	mucosal h	Inflamed	GP6	protein_cc	chr19	55525073	55549632	-	2703	10.63246	0.107399	0.65858	0.215355	3.058106	0.002865	0.021127	1
ENSG0000	mucosal h	Inflamed	FAM195A	protein_cc	chr16	691813	698474	+	2226	1572.444	0	0.459314	0.150205	3.057908	0.002867	0.021127	1
ENSG0000	mucosal h	Inflamed	ZNF273	protein_cc	chr7	64330550	64391344	+	8652	110.7685	0.002387	0.590009	0.192946	3.057894	0.002867	0.021127	1
ENSG0000	mucosal h	Inflamed	AC084018 lincRNA	chr12	1.22E+08	1.22E+08	-	4769	895.4272	0	0.631998	0.206683	3.057813	0.002867	0.021127	1	
ENSG0000	mucosal h	Inflamed	MSTN	protein_cc	chr2	1.91E+08	1.91E+08	-	2822	4.653938	0.26253	0.640519	0.209475	3.057739	0.002868	0.021127	1
ENSG0000	mucosal h	Inflamed	SH3D19	protein_cc	chr4	1.52E+08	1.52E+08	-	7789	4999.038	0	0.546765	0.178863	3.05689	0.002875	0.021173	1
ENSG0000	mucosal h	Inflamed	LYSMD2	protein_cc	chr15	52015208	52043782	-	2074	327.7661	0	-0.42378	0.138634	-3.05684	0.002876	0.021173	1
ENSG0000	mucosal h	Inflamed	MT-ND5	protein_cc	chrM	12337	14148	+	1812	559923.9	0	0.427445	0.139851	3.056438	0.002879	0.021187	1
ENSG0000	mucosal h	Inflamed	FNIP2	protein_cc	chr4	1.6E+08	1.6E+08	+	10868	2382.554	0	0.686508	0.224618	3.056335	0.00288	0.021187	1
ENSG0000	mucosal h	Inflamed	POLR2J4	processed	chr7	43980494	44058774	-	6492	59.23389	0.016706	0.607798	0.198873	3.056208	0.002881	0.021187	1
ENSG0000	mucosal h	Inflamed	RP11-303C pseudoger	chr8	12437796	12438572	+	186	9.589499	0.107399	0.703384	0.230152	3.056169	0.002882	0.021187	1	
ENSG0000	mucosal h	Inflamed	RRAGD	protein_cc	chr6	90074355	90121989	-	5072	230.2148	0	-0.46391	0.151796	-3.05617	0.002882	0.021187	1
ENSG0000	mucosal h	Inflamed	RP11-801F antisense	chr2	2.09E+08	2.09E+08	-	564	64.93079	0.009547	0.904482	0.29598	3.055888	0.002884	0.021199	1	
ENSG0000	mucosal h	Inflamed	LINC00537 pseudoger	chr9	68413482	68414196	-	715	13.94988	0.078759	-0.71647	0.234466	-3.05575	0.002885	0.0212	1	
ENSG0000	mucosal h	Inflamed	GFOD1	protein_cc	chr6	13358062	13487894	-	10686	686.7542	0	0.529389	0.173248	3.055675	0.002886	0.0212	1
ENSG0000	mucosal h	Inflamed	SP6	protein_cc	chr17	45922279	45933240	-	4070	554.0549	0	-0.65671	0.214931	-3.05545	0.002888	0.021205	1

ENSG0000	mucosal h	Inflamed	POU2F3	protein_cc	chr11	1.2E+08	1.2E+08	+	6645	98.00239	0.009547	0.889504	0.291124	3.055417	0.002888	0.021205	1
ENSG0000	mucosal h	Inflamed	UBTFL6	pseudoger	chr2	98253060	98254266	-	1207	3.372315	0.398568	-0.59718	0.195473	-3.05503	0.002892	0.021224	1
ENSG0000	mucosal h	Inflamed	ZNF571	protein_cc	chr19	38045684	38085673	-	5938	72.88544	0.002387	0.503629	0.164879	3.054539	0.002896	0.02125	1
ENSG0000	mucosal h	Inflamed	TMPRSS3	protein_cc	chr21	43791999	43816955	-	5660	148.2912	0	-0.64696	0.211819	-3.05431	0.002898	0.021255	1
ENSG0000	mucosal h	Inflamed	XXbac-B47	antisense	chr22	18559293	18561650	-	2235	201.4511	0	0.718616	0.235282	3.054277	0.002898	0.021255	1
ENSG0000	mucosal h	Inflamed	LTF	protein_cc	chr3	46477136	46526724	-	4247	801.7924	0	-1.24327	0.407194	-3.05325	0.002908	0.021316	1
ENSG0000	mucosal h	Inflamed	HCN2	protein_cc	chr19	589893	617159	+	3408	37.41289	0.016706	-0.66808	0.21883	-3.05299	0.00291	0.021327	1
ENSG0000	mucosal h	Inflamed	ATG9B	protein_cc	chr7	1.51E+08	1.51E+08	-	6404	32.48687	0.016706	-0.6716	0.220014	-3.05254	0.002914	0.02135	1
ENSG0000	mucosal h	Inflamed	RP11-98L5	lincRNA	chr9	1.38E+08	1.38E+08	+	2746	2.155131	0.797136	-0.55886	0.183116	-3.05195	0.002919	0.021375	1
ENSG0000	mucosal h	Inflamed	KRT6C	protein_cc	chr12	52862300	52867569	-	2896	4.307876	0.637232	-0.93913	0.307719	-3.05193	0.002919	0.021375	1
ENSG0000	mucosal h	Inflamed	TNFRSF1B	protein_cc	chr1	12227060	12269285	+	3766	5794.85	0	-0.60015	0.196648	-3.05189	0.00292	0.021375	1
ENSG0000	mucosal h	Inflamed	KLC4	protein_cc	chr6	43008515	43042837	+	6421	3547.668	0	0.478209	0.156704	3.051674	0.002921	0.021382	1
ENSG0000	mucosal h	Inflamed	FBXO32	protein_cc	chr8	1.25E+08	1.25E+08	-	7395	1699.215	0	0.478056	0.156683	3.051096	0.002927	0.021414	1
ENSG0000	mucosal h	Inflamed	ZFP36L2	protein_cc	chr2	43449541	43453748	-	3696	14018.37	0	0.470204	0.154115	3.051001	0.002927	0.021414	1
ENSG0000	mucosal h	Inflamed	DNAH2	protein_cc	chr17	7620672	7737062	+	17231	95.73508	0.002387	-0.68847	0.225675	-3.0507	0.00293	0.021428	1
ENSG0000	mucosal h	Inflamed	AP006621	antisense	chr11	781645	782105	+	284	21.27924	0.059666	0.675852	0.221555	3.050497	0.002932	0.021435	1
ENSG0000	mucosal h	Inflamed	IGLV3-22	IG_V_gene	chr22	23046750	23047307	+	409	14.08592	0.424821	-1.06809	0.350149	-3.05038	0.002933	0.021437	1
ENSG0000	mucosal h	Inflamed	METTL7B	protein_cc	chr12	56075330	56078395	+	1506	1088.148	0	0.675494	0.221473	3.050003	0.002936	0.021456	1
ENSG0000	mucosal h	Inflamed	RP11-333C	lincRNA	chr2	12855541	12856353	+	813	2.801909	0.451074	-0.6249	0.204905	-3.0497	0.002939	0.021469	1
ENSG0000	mucosal h	Inflamed	AC010149	antisense	chr2	2.31E+08	2.31E+08	-	692	5.897375	0.238663	-0.65905	0.216143	-3.04914	0.002944	0.021495	1
ENSG0000	mucosal h	Inflamed	CTD-2015f	pseudoger	chr5	79796151	79797219	+	752	0.842482	0.787589	0.3506	0.114987	3.049045	0.002945	0.021495	1
ENSG0000	mucosal h	Inflamed	ZNF469	protein_cc	chr16	88493879	88507165	+	13287	537.9976	0.002387	-1.02561	0.336372	-3.04903	0.002945	0.021495	1
ENSG0000	mucosal h	Inflamed	FAM98C	protein_cc	chr19	38893775	38899728	+	4598	717.7613	0	0.272967	0.089541	3.048531	0.00295	0.021522	1
ENSG0000	mucosal h	Inflamed	NCKAP1L	protein_cc	chr12	54891495	54937726	+	6300	1969.05	0	-0.62884	0.206337	-3.04764	0.002958	0.021568	1
ENSG0000	mucosal h	Inflamed	RP11-24F1	antisense	chr3	46406446	46448550	-	656	50.59189	0	-0.46607	0.152931	-3.04758	0.002958	0.021568	1
ENSG0000	mucosal h	Inflamed	FAHD1	protein_cc	chr16	1876968	1890208	+	3006	938.148	0	0.349444	0.114667	3.047469	0.002959	0.021568	1
ENSG0000	mucosal h	Inflamed	TMEM38A	protein_cc	chr19	16771938	16800840	+	3005	205.7971	0	0.442898	0.145341	3.047299	0.002961	0.021568	1
ENSG0000	mucosal h	Inflamed	CTB-31N1f	pseudoger	chr16	21544266	21561694	-	576	2.24105	0.486874	0.493882	0.162073	3.047278	0.002961	0.021568	1
ENSG0000	mucosal h	Inflamed	AC023490	lincRNA	chr22	20378814	20380440	+	1026	12.20764	0.038186	0.488383	0.160273	3.04719	0.002962	0.021568	1
ENSG0000	mucosal h	Inflamed	RNU6-116	snRNA	chr9	99018498	99018601	-	104	1.224344	0.720764	0.345797	0.113482	3.04716	0.002962	0.021568	1
ENSG0000	mucosal h	Inflamed	CLN8	protein_cc	chr8	1703944	1734738	+	8111	1151.329	0	0.283566	0.093061	3.047094	0.002962	0.021568	1
ENSG0000	mucosal h	Inflamed	RP11-597f	antisense	chr17	12893466	12893927	-	335	1.369928	0.668258	0.362068	0.118833	3.046856	0.002965	0.021578	1
ENSG0000	mucosal h	Inflamed	NET1	protein_cc	chr10	5454514	5500426	+	4194	4350.234	0	0.645482	0.21186	3.04674	0.002966	0.021579	1
ENSG0000	mucosal h	Inflamed	CCL7	protein_cc	chr17	32597240	32599261	+	863	20.13604	0.0358	-0.74228	0.243662	-3.04637	0.002969	0.021596	1
ENSG0000	mucosal h	Inflamed	FAM19A5	protein_cc	chr22	48885272	49246724	+	3173	83.83532	0.004773	-0.70779	0.232343	-3.04631	0.00297	0.021596	1
ENSG0000	mucosal h	Inflamed	CDCA3	protein_cc	chr12	6953957	6961230	-	5653	506.6038	0	-0.39497	0.129659	-3.04621	0.00297	0.021596	1
ENSG0000	mucosal h	Inflamed	CXCL13	protein_cc	chr4	78432907	78532988	+	1431	976.1026	0.031026	-1.6938	0.556188	-3.04537	0.002978	0.021644	1
ENSG0000	mucosal h	Inflamed	TMEM141	protein_cc	chr9	1.4E+08	1.4E+08	+	1443	2272.165	0	0.499632	0.164067	3.045299	0.002979	0.021644	1
ENSG0000	mucosal h	Inflamed	SBSN	protein_cc	chr19	36014269	36019253	-	1986	53.75418	0.396181	-1.71708	0.563862	-3.04521	0.002979	0.021644	1
ENSG0000	mucosal h	Inflamed	COL4A2	protein_cc	chr13	1.11E+08	1.11E+08	+	7885	20230.32	0	-0.8053	0.264485	-3.0448	0.002983	0.021664	1

ENSG0000	mucosal h	Inflamed	CLPB	protein_cc chr11	72003469	72145692	-	4232	492.0883	0	-0.32563	0.10695	-3.04473	0.002984	0.021664	1
ENSG0000	mucosal h	Inflamed	PPARA	protein_cc chr22	46546424	46639653	+	12069	3881.427	0	0.575484	0.189026	3.04447	0.002986	0.021675	1
ENSG0000	mucosal h	Inflamed	PPP1R9A	protein_cc chr7	94536514	94925727	+	11151	376.8258	0	0.791576	0.260067	3.043744	0.002993	0.021717	1
ENSG0000	mucosal h	Inflamed	MRRF	protein_cc chr9	1.25E+08	1.25E+08	+	3162	959.9952	0	0.384965	0.126483	3.043614	0.002994	0.021719	1
ENSG0000	mucosal h	Inflamed	RP11-624L	antisense chr15	39157523	39719396	-	3242	4.336516	0.267303	0.581661	0.191131	3.043251	0.002997	0.021735	1
ENSG0000	mucosal h	Inflamed	ARHGAP4	protein_cc chrX	1.53E+08	1.53E+08	-	5580	2951.628	0	-0.48818	0.160419	-3.04319	0.002998	0.021735	1
ENSG0000	mucosal h	Inflamed	GSN	protein_cc chr9	1.24E+08	1.24E+08	+	11097	32104.5	0	0.458353	0.150671	3.042081	0.003008	0.021802	1
ENSG0000	mucosal h	Inflamed	RP11-532F	antisense chr15	41128006	41136585	-	1239	407.327	0	0.546668	0.179712	3.041915	0.003009	0.021807	1
ENSG0000	mucosal h	Inflamed	MIR10A	sense_intr chr17	46656992	46659621	-	2630	12.68974	0.093079	0.688695	0.22644	3.041403	0.003014	0.021835	1
ENSG0000	mucosal h	Inflamed	STC2	protein_cc chr5	1.73E+08	1.73E+08	-	6128	142.9714	0.01432	-1.03313	0.339752	-3.04083	0.003019	0.021863	1
ENSG0000	mucosal h	Inflamed	DLG2	protein_cc chr11	83166055	85338966	-	16089	28.58234	0.026253	0.722552	0.237619	3.040804	0.00302	0.021863	1
ENSG0000	mucosal h	Inflamed	IVD	protein_cc chr15	40697686	40728146	+	6855	3140.897	0	0.3316	0.10906	3.040542	0.003022	0.021874	1
ENSG0000	mucosal h	Inflamed	IGLON5	protein_cc chr19	51815102	51833608	+	2606	11.98329	0.164678	-0.79615	0.261872	-3.04022	0.003025	0.021889	1
ENSG0000	mucosal h	Inflamed	ICOS	protein_cc chr2	2.05E+08	2.05E+08	+	2645	108.3365	0.002387	-0.89653	0.294942	-3.03968	0.00303	0.021919	1
ENSG0000	mucosal h	Inflamed	RPS10P7	lincRNA chr1	2.01E+08	2.01E+08	+	2329	87.69451	0	0.517653	0.170303	3.0396	0.003031	0.021919	1
ENSG0000	mucosal h	Inflamed	INSL5	protein_cc chr1	67263424	67266939	-	715	441.7613	0.076372	2.076694	0.683381	3.038854	0.003037	0.021962	1
ENSG0000	mucosal h	Inflamed	SCAP	protein_cc chr3	47455203	47518616	-	6282	5458.253	0	0.334892	0.110219	3.038418	0.003041	0.021985	1
ENSG0000	mucosal h	Inflamed	LYPD8	protein_cc chr1	2.49E+08	2.49E+08	-	435	2580.933	0.00716	1.523723	0.501546	3.038049	0.003045	0.022004	1
ENSG0000	mucosal h	Inflamed	CPM	protein_cc chr12	69235977	69365350	-	7535	2253.964	0	0.522322	0.171982	3.037082	0.003054	0.022062	1
ENSG0000	mucosal h	Inflamed	PID1	protein_cc chr2	2.3E+08	2.3E+08	-	3364	1357.995	0	0.456481	0.150348	3.036159	0.003062	0.022118	1
ENSG0000	mucosal h	Inflamed	ELK3	protein_cc chr12	96588160	96663613	+	4648	1385.322	0	-0.67657	0.22285	-3.03598	0.003064	0.022124	1
ENSG0000	mucosal h	Inflamed	HIF1A	protein_cc chr14	62162231	62214976	+	5150	5049.045	0	-0.69777	0.229896	-3.03514	0.003072	0.022174	1
ENSG0000	mucosal h	Inflamed	KIAA0141	protein_cc chr5	1.41E+08	1.41E+08	+	6047	2960.797	0	0.212668	0.07007	3.035055	0.003073	0.022174	1
ENSG0000	mucosal h	Inflamed	SLC35B1	protein_cc chr17	47778305	47786376	-	5889	1486.566	0	-0.34545	0.113836	-3.03465	0.003076	0.022191	1
ENSG0000	mucosal h	Inflamed	PPP1R36	protein_cc chr14	65016620	65056098	+	3093	117.1432	0	0.556313	0.183322	3.034618	0.003077	0.022191	1
ENSG0000	mucosal h	Inflamed	SPPL3	protein_cc chr12	1.21E+08	1.21E+08	-	6672	2437.909	0	0.290551	0.09575	3.034464	0.003078	0.022195	1
ENSG0000	mucosal h	Inflamed	PTPN6	protein_cc chr12	7055631	7070479	+	5009	3466.833	0	-0.40689	0.134102	-3.0342	0.003081	0.022207	1
ENSG0000	mucosal h	Inflamed	SH2D7	protein_cc chr15	78370150	78397251	+	2881	182.9618	0.023866	1.202504	0.396461	3.033097	0.003091	0.022273	1
ENSG0000	mucosal h	Inflamed	LPAR5	protein_cc chr12	6728001	6745613	-	3258	1411.823	0	0.437505	0.144248	3.033005	0.003092	0.022273	1
ENSG0000	mucosal h	Inflamed	RP11-310E	antisense chr10	96988000	96990901	-	663	1.205251	0.658711	0.403288	0.132972	3.032887	0.003093	0.022273	1
ENSG0000	mucosal h	Inflamed	BEST1	protein_cc chr11	61717293	61732987	+	8930	294.3795	0	-0.75983	0.250534	-3.03286	0.003093	0.022273	1
ENSG0000	mucosal h	Inflamed	CRB1	protein_cc chr1	1.97E+08	1.97E+08	+	13066	1.391408	0.675418	0.368284	0.121448	3.032436	0.003097	0.022285	1
ENSG0000	mucosal h	Inflamed	HSPA1B	protein_cc chr6	31795512	31798031	+	2520	2743.89	0	0.458351	0.151152	3.032383	0.003098	0.022285	1
ENSG0000	mucosal h	Inflamed	CCDC115	protein_cc chr2	1.31E+08	1.31E+08	-	3782	1120.193	0	0.263218	0.086802	3.032381	0.003098	0.022285	1
ENSG0000	mucosal h	Inflamed	ETHE1	protein_cc chr19	44010871	44031396	-	1604	10187.15	0	0.579299	0.191042	3.032313	0.003098	0.022285	1
ENSG0000	mucosal h	Inflamed	RP1-309F2	antisense chr20	57451647	57452036	-	390	3.052506	0.400955	0.557676	0.183958	3.031541	0.003106	0.022332	1
ENSG0000	mucosal h	Inflamed	ZFYVE9	protein_cc chr1	52608046	52812358	+	5529	684.8019	0	0.609308	0.20101	3.031226	0.003108	0.022339	1
ENSG0000	mucosal h	Inflamed	ESRRA	protein_cc chr11	64073044	64084215	+	3030	5739.764	0	0.363938	0.120065	3.031183	0.003109	0.022339	1
ENSG0000	mucosal h	Inflamed	TAS1R1	protein_cc chr1	6615241	6639817	+	2892	8.353222	0.066826	-0.64594	0.2131	-3.03116	0.003109	0.022339	1
ENSG0000	mucosal h	Inflamed	CCL17	protein_cc chr16	57438679	57449974	+	615	25.21002	0.147971	-1.02336	0.33763	-3.031	0.003111	0.022344	1

ENSG0000	mucosal h	Inflamed	RP11-5357	lincRNA	chr18	19927809	19928215	-	407	3.434368	0.286396	0.499593	0.164879	3.030059	0.003119	0.022401	1
ENSG0000	mucosal h	Inflamed	C16orf70	protein_cc	chr16	67143861	67182442	+	5965	792.2148	0	0.221419	0.073085	3.029618	0.003124	0.022425	1
ENSG0000	mucosal h	Inflamed	LHFP	protein_cc	chr13	39917029	40177665	-	2327	668.9666	0	-0.62756	0.207149	-3.02949	0.003125	0.022427	1
ENSG0000	mucosal h	Inflamed	RNU6-574	snRNA	chr12	52381441	52381547	+	107	1.47494	0.603819	0.40688	0.134317	3.029256	0.003127	0.022436	1
ENSG0000	mucosal h	Inflamed	ADIPOR2	protein_cc	chr12	17977740	1897844	+	5878	4946.988	0	0.397601	0.131257	3.02918	0.003128	0.022436	1
ENSG0000	mucosal h	Inflamed	SETD9	protein_cc	chr5	56205087	56221359	+	2535	197.6778	0	0.441868	0.145881	3.028966	0.00313	0.022445	1
ENSG0000	mucosal h	Inflamed	CDK3	protein_cc	chr17	73996987	74002080	+	1803	30.68258	0.02864	0.668947	0.220866	3.028742	0.003132	0.022445	1
ENSG0000	mucosal h	Inflamed	CHST5	protein_cc	chr16	75562433	75569145	-	3322	605.3103	0	0.946576	0.312532	3.028738	0.003132	0.022445	1
ENSG0000	mucosal h	Inflamed	CTC-448F2	pseudoger	chr19	30528330	30529063	+	734	11.68496	0.064439	0.605557	0.19994	3.028688	0.003132	0.022445	1
ENSG0000	mucosal h	Inflamed	ZC2HC1C	protein_cc	chr14	75530873	75545126	+	3248	91.04535	0	0.457333	0.151013	3.028445	0.003135	0.022456	1
ENSG0000	mucosal h	Inflamed	RP11-245C	lincRNA	chr2	11018395	11025244	+	461	1.928401	0.608592	0.465723	0.153797	3.028168	0.003137	0.022468	1
ENSG0000	mucosal h	Inflamed	ZNF789	protein_cc	chr7	99070464	99101273	+	6683	695.4535	0	0.732479	0.241941	3.027512	0.003144	0.022507	1
ENSG0000	mucosal h	Inflamed	SHD	protein_cc	chr19	4278598	4290721	+	2811	276.4296	0	0.760116	0.251119	3.026918	0.003149	0.022541	1
ENSG0000	mucosal h	Inflamed	KCNB2	protein_cc	chr8	73449626	73850584	+	3582	4.883055	0.236277	0.655643	0.216648	3.026311	0.003155	0.022577	1
ENSG0000	mucosal h	Inflamed	CTD-2655t	antisense	chr11	67889520	67897985	+	776	1.057279	0.713604	0.323652	0.106971	3.025588	0.003162	0.022618	1
ENSG0000	mucosal h	Inflamed	NADSYN1	protein_cc	chr11	71164155	71235153	+	14970	5329.783	0	0.291355	0.096299	3.025509	0.003163	0.022618	1
ENSG0000	mucosal h	Inflamed	RP11-439E	antisense	chr1	2.47E+08	2.47E+08	+	3472	29.88783	0.045346	0.729549	0.241141	3.0254	0.003164	0.022618	1
ENSG0000	mucosal h	Inflamed	NRCAM	protein_cc	chr7	1.08E+08	1.08E+08	-	7939	173.8282	0.016706	-1.30797	0.432337	-3.02535	0.003164	0.022618	1
ENSG0000	mucosal h	Inflamed	MLLT11	protein_cc	chr1	1.51E+08	1.51E+08	+	4072	65.04773	0	-0.64284	0.212492	-3.02524	0.003165	0.022619	1
ENSG0000	mucosal h	Inflamed	AF186192.	pseudoger	chr8	1.46E+08	1.46E+08	+	1932	10.41527	0.081146	0.674304	0.222911	3.024996	0.003168	0.02263	1
ENSG0000	mucosal h	Inflamed	CLU	protein_cc	chr8	27454434	27472548	-	6616	5963.523	0	-0.90059	0.297737	-3.02479	0.00317	0.022637	1
ENSG0000	mucosal h	Inflamed	RP11-284M	lincRNA	chr1	1.11E+08	1.11E+08	-	3481	301.0549	0.002387	-1.03752	0.343029	-3.02458	0.003172	0.022646	1
ENSG0000	mucosal h	Inflamed	SIMC1	protein_cc	chr5	1.76E+08	1.76E+08	+	5702	693.5394	0	0.377717	0.124891	3.024373	0.003174	0.022654	1
ENSG0000	mucosal h	Inflamed	NOTUM	protein_cc	chr17	79910388	79919716	-	3014	39.18138	0.062053	-1.21449	0.401609	-3.02406	0.003177	0.022667	1
ENSG0000	mucosal h	Inflamed	RP11-665M	lincRNA	chr11	64658158	64658547	-	390	679.3962	0	0.975275	0.322516	3.02396	0.003178	0.022667	1
ENSG0000	mucosal h	Inflamed	AC016683	antisense	chr2	1.14E+08	1.14E+08	-	1074	1.22673	0.708831	-0.38654	0.127828	-3.02391	0.003178	0.022667	1
ENSG0000	mucosal h	Inflamed	NAPEPLD	protein_cc	chr7	1.03E+08	1.03E+08	-	7561	1040.384	0	0.74115	0.245131	3.023481	0.003182	0.02269	1
ENSG0000	mucosal h	Inflamed	TLL6	protein_cc	chr17	46839597	46894576	-	5097	417.8496	0.00716	0.974264	0.32227	3.023133	0.003186	0.022708	1
ENSG0000	mucosal h	Inflamed	ARHGAP35	protein_cc	chr19	47421933	47508334	+	11245	5280.711	0	0.476587	0.157656	3.022948	0.003187	0.022714	1
ENSG0000	mucosal h	Inflamed	PHACTR4	protein_cc	chr1	28696114	28826881	+	7165	2786.814	0	0.438939	0.145213	3.02272	0.003189	0.022719	1
ENSG0000	mucosal h	Inflamed	SYNJ2	protein_cc	chr6	1.58E+08	1.59E+08	+	9985	2117.255	0	0.412758	0.136552	3.022709	0.00319	0.022719	1
ENSG0000	mucosal h	Inflamed	SLC25A47f	pseudoger	chr11	59030862	59031275	-	414	7.396181	0.322196	0.831791	0.275215	3.02233	0.003193	0.022738	1
ENSG0000	mucosal h	Inflamed	HTR7	protein_cc	chr10	92500578	92617671	-	3447	44.09547	0.016706	0.631077	0.208818	3.022132	0.003195	0.022746	1
ENSG0000	mucosal h	Inflamed	TRAPPC6A	protein_cc	chr19	45666186	45681495	-	933	431.5776	0	0.408844	0.135303	3.021687	0.003199	0.022765	1
ENSG0000	mucosal h	Inflamed	NDUFA10	protein_cc	chr2	2.41E+08	2.41E+08	-	9516	3617.881	0	0.327781	0.108479	3.021591	0.0032	0.022765	1
ENSG0000	mucosal h	Inflamed	TEX11	protein_cc	chrX	69748790	70128581	-	3371	63.31981	0	0.636516	0.210661	3.021514	0.003201	0.022765	1
ENSG0000	mucosal h	Inflamed	GMPR	protein_cc	chr6	16238811	16295780	+	2232	227.1551	0	-0.45553	0.150762	-3.02149	0.003201	0.022765	1
ENSG0000	mucosal h	Inflamed	SIPA1	protein_cc	chr11	65405568	65418401	+	4668	2610.809	0	-0.55052	0.182227	-3.02108	0.003205	0.022788	1
ENSG0000	mucosal h	Inflamed	C1orf204	protein_cc	chr1	1.6E+08	1.6E+08	-	2501	44.02625	0.009547	0.627269	0.207639	3.020963	0.003206	0.022789	1
ENSG0000	mucosal h	Inflamed	KNG1	protein_cc	chr3	1.86E+08	1.86E+08	+	3740	26.42005	0.143198	1.035764	0.343054	3.019247	0.003223	0.022897	1

ENSG0000	mucosal h	Inflamed	SSBP3	protein_cc chr1	54691105	54879152	-	5227	3341.365	0	0.342078	0.1133	3.019223	0.003223	0.022897	1
ENSG0000	mucosal h	Inflamed	CNST	protein_cc chr1	2.47E+08	2.47E+08	+	5922	1181.771	0	0.600407	0.198873	3.019045	0.003225	0.022903	1
ENSG0000	mucosal h	Inflamed	GIPC1	protein_cc chr19	14588572	14606944	-	4423	10770.74	0	0.446015	0.147754	3.018628	0.003229	0.022926	1
ENSG0000	mucosal h	Inflamed	GNG4	protein_cc chr1	2.36E+08	2.36E+08	-	5413	139.1647	0	0.696235	0.230675	3.018249	0.003233	0.022946	1
ENSG0000	mucosal h	Inflamed	RP11-148C	pseudoger chr3	1.08E+08	1.08E+08	-	97	0.911695	0.794749	0.358563	0.118815	3.017833	0.003237	0.022968	1
ENSG0000	mucosal h	Inflamed	AC007405	lincRNA chr2	1.72E+08	1.72E+08	-	2026	2.183771	0.49642	0.451134	0.149504	3.017529	0.00324	0.022983	1
ENSG0000	mucosal h	Inflamed	CTC-548K1	lincRNA chr19	14416270	14481008	-	1016	3.183771	0.338902	-0.5115	0.169516	-3.01741	0.003241	0.022986	1
ENSG0000	mucosal h	Inflamed	OTUD7B	protein_cc chr1	1.5E+08	1.5E+08	-	12184	1648.425	0	0.514909	0.170671	3.01697	0.003245	0.023006	1
ENSG0000	mucosal h	Inflamed	RP11-66B2	antisense chr15	1.01E+08	1.01E+08	-	5911	175.2864	0	0.448583	0.148688	3.016931	0.003246	0.023006	1
ENSG0000	mucosal h	Inflamed	AEN	protein_cc chr15	89164527	89175513	+	6018	1315.267	0	-0.37526	0.124399	-3.01658	0.003249	0.023025	1
ENSG0000	mucosal h	Inflamed	AMER3	protein_cc chr2	1.32E+08	1.32E+08	+	6543	20.05251	0.076372	0.91597	0.303693	3.016106	0.003254	0.023051	1
ENSG0000	mucosal h	Inflamed	HYKK	protein_cc chr15	78799906	78829714	+	2732	75.3747	0	0.367774	0.121946	3.015878	0.003256	0.023061	1
ENSG0000	mucosal h	Inflamed	MGC10951	protein_cc chr2	74361599	74362521	+	923	1.988067	0.653938	0.493157	0.163533	3.015643	0.003258	0.023071	1
ENSG0000	mucosal h	Inflamed	ABR	protein_cc chr17	906758	1132315	-	11709	12144.74	0	0.36832	0.122142	3.015509	0.00326	0.023074	1
ENSG0000	mucosal h	Inflamed	SEMA4G	protein_cc chr10	1.03E+08	1.03E+08	+	5253	6166.458	0	0.749165	0.248445	3.015417	0.003261	0.023074	1
ENSG0000	mucosal h	Inflamed	TCP11L1	protein_cc chr11	33060963	33127489	+	5370	628.7852	0	0.349832	0.11602	3.015274	0.003262	0.023078	1
ENSG0000	mucosal h	Inflamed	AC145676	protein_cc chr7	227554	229557	-	2004	14.81146	0.243437	-1.1311	0.375145	-3.0151	0.003264	0.023084	1
ENSG0000	mucosal h	Inflamed	HIST1H2B1	protein_cc chr6	26251879	26252303	+	425	37.38425	0	0.533282	0.176876	3.015002	0.003265	0.023084	1
ENSG0000	mucosal h	Inflamed	MIR608	miRNA chr10	1.03E+08	1.03E+08	+	100	1.307876	0.656325	0.395413	0.131163	3.01467	0.003268	0.023096	1
ENSG0000	mucosal h	Inflamed	NR2E3	processed_chr15	72084977	72110600	+	3595	5.778043	0.217184	0.687066	0.227908	3.01466	0.003268	0.023096	1
ENSG0000	mucosal h	Inflamed	KIAA1211	protein_cc chr4	57036361	57194791	+	5939	1914.99	0	0.64466	0.213854	3.014484	0.00327	0.023102	1
ENSG0000	mucosal h	Inflamed	CNFN	protein_cc chr19	42891171	42894439	-	603	52.69451	0	0.680053	0.225615	3.014218	0.003272	0.023114	1
ENSG0000	mucosal h	Inflamed	EC1	protein_cc chr16	2289396	2302301	-	3234	1626.243	0	0.301338	0.099986	3.013794	0.003277	0.023134	1
ENSG0000	mucosal h	Inflamed	IKZF3	protein_cc chr17	37921198	38020441	-	2778	422.0811	0.011933	-0.86479	0.286947	-3.01376	0.003277	0.023134	1
ENSG0000	mucosal h	Inflamed	IL27RA	protein_cc chr19	14142560	14163743	+	2677	735.3461	0	-0.62594	0.207701	-3.01365	0.003278	0.023136	1
ENSG0000	mucosal h	Inflamed	RP11-879F	lincRNA chr18	59252979	59274149	-	1199	3.171838	0.384248	-0.59148	0.196285	-3.01339	0.003281	0.023147	1
ENSG0000	mucosal h	Inflamed	AC073869	pseudoger chr2	1.32E+08	1.32E+08	-	3666	77.22196	0.01432	0.779118	0.25859	3.012944	0.003285	0.023172	1
ENSG0000	mucosal h	Inflamed	CASC1	protein_cc chr12	25261354	25348096	-	2952	1.940334	0.515513	0.469252	0.155768	3.01251	0.003289	0.023193	1
ENSG0000	mucosal h	Inflamed	MAN2B1	protein_cc chr19	12757325	12777556	-	5374	6293.907	0	-0.35784	0.118787	-3.01247	0.00329	0.023193	1
ENSG0000	mucosal h	Inflamed	TRBV28	TR_V_gene chr7	1.42E+08	1.42E+08	+	364	32.6611	0.038186	-0.76872	0.255186	-3.01238	0.003291	0.023193	1
ENSG0000	mucosal h	Inflamed	FABP5P7	pseudoger chr11	59548786	59549195	-	410	11.13842	0.023866	0.540443	0.179413	3.012285	0.003292	0.023193	1
ENSG0000	mucosal h	Inflamed	FGD2	protein_cc chr6	36973422	36996846	+	10167	1538.294	0	-0.58504	0.194231	-3.0121	0.003293	0.0232	1
ENSG0000	mucosal h	Inflamed	MTRNR2L2	protein_cc chr5	79945819	79946855	-	1037	330.8592	0	0.747328	0.24813	3.011843	0.003296	0.023212	1
ENSG0000	mucosal h	Inflamed	RP11-432I	antisense chr16	71757083	71758133	+	777	12.48687	0.124105	0.644071	0.213855	3.011721	0.003297	0.023214	1
ENSG0000	mucosal h	Inflamed	B3GALNT1	protein_cc chr3	1.61E+08	1.61E+08	-	4183	69.08592	0.011933	-0.67985	0.225751	-3.01152	0.003299	0.023215	1
ENSG0000	mucosal h	Inflamed	CD3D	protein_cc chr11	1.18E+08	1.18E+08	-	929	374.4081	0	-0.64396	0.213846	-3.01134	0.003301	0.023215	1
ENSG0000	mucosal h	Inflamed	IFNG	protein_cc chr12	68548548	68553527	-	1218	19.42959	0.131265	-0.98469	0.326997	-3.01131	0.003301	0.023215	1
ENSG0000	mucosal h	Inflamed	SIAE	protein_cc chr11	1.25E+08	1.25E+08	-	7911	6185.706	0	0.531981	0.176663	3.011274	0.003302	0.023215	1
ENSG0000	mucosal h	Inflamed	PAK4	protein_cc chr19	39616410	39673456	+	7118	3405.263	0	0.451499	0.149937	3.011261	0.003302	0.023215	1
ENSG0000	mucosal h	Inflamed	ESAM	protein_cc chr11	1.25E+08	1.25E+08	-	3373	1181.325	0	-0.5512	0.183066	-3.01093	0.003305	0.023232	1

ENSG0000	mucosal h	Inflamed	RP11-416I	lincRNA	chr17	16915228	16918304	-	3077	5.548926	0.384248	-0.74489	0.247423	-3.01057	0.003309	0.023251	1
ENSG0000	mucosal h	Inflamed	GS1-124K5	lincRNA	chr7	65991075	66007536	-	7092	553.7852	0	0.532206	0.176791	3.01037	0.003311	0.023259	1
ENSG0000	mucosal h	Inflamed	CHKB-AS1	antisense	chr22	51021455	51022306	+	578	16.21718	0.004773	-0.44777	0.148766	-3.00989	0.003315	0.02328	1
ENSG0000	mucosal h	Inflamed	TM4SF1	protein_cc	chr3	1.49E+08	1.49E+08	-	3668	2807.274	0	-0.69725	0.231659	-3.00982	0.003316	0.02328	1
ENSG0000	mucosal h	Inflamed	HDAC1P1	pseudoger	chr10	95897505	95899257	+	1445	2.832936	0.424821	0.525153	0.174481	3.009805	0.003316	0.02328	1
ENSG0000	mucosal h	Inflamed	HIST1H2AI	protein_cc	chr6	27775899	27776429	+	531	16.06683	0.026253	0.634577	0.210858	3.009495	0.003319	0.023295	1
ENSG0000	mucosal h	Inflamed	FKBP10	protein_cc	chr17	39968932	39979465	+	4269	2254.73	0	-0.65778	0.218602	-3.00904	0.003324	0.023321	1
ENSG0000	mucosal h	Inflamed	GPR39	protein_cc	chr2	1.33E+08	1.33E+08	+	3343	674.9308	0	0.607722	0.201983	3.008778	0.003326	0.023333	1
ENSG0000	mucosal h	Inflamed	NIPAL3	protein_cc	chr1	24742284	24799466	+	9404	2108.177	0	0.398453	0.132442	3.008508	0.003329	0.023346	1
ENSG0000	mucosal h	Inflamed	LINC00963	processed_chr	9	1.32E+08	1.32E+08	+	12641	1544.177	0	-0.31059	0.103268	-3.00758	0.003339	0.023405	1
ENSG0000	mucosal h	Inflamed	AKR7L	polymorpt	chr1	19592476	19600688	-	2768	275.0048	0	0.828304	0.275546	3.006048	0.003354	0.023507	1
ENSG0000	mucosal h	Inflamed	ZNF808	protein_cc	chr19	53030905	53067717	+	5008	350.3365	0	0.658314	0.219014	3.005801	0.003356	0.023516	1
ENSG0000	mucosal h	Inflamed	CHMP4B	protein_cc	chr20	32399110	32442172	+	1646	7393.131	0	0.218073	0.072552	3.005752	0.003357	0.023516	1
ENSG0000	mucosal h	Inflamed	ZNF350	protein_cc	chr19	52467596	52490109	-	4539	212.4606	0	0.563183	0.187403	3.005199	0.003363	0.023548	1
ENSG0000	mucosal h	Inflamed	S1PR2	protein_cc	chr19	10334520	10341948	-	1173	138.8305	0.00716	-0.66046	0.219787	-3.00502	0.003364	0.023555	1
ENSG0000	mucosal h	Inflamed	CCDC178	protein_cc	chr18	30517366	31021065	-	4475	8.293556	0.167064	-0.68805	0.229025	-3.00428	0.003372	0.023601	1
ENSG0000	mucosal h	Inflamed	RP5-1063M	lincRNA	chr12	3427884	3434509	+	3004	2.205251	0.515513	0.513734	0.171012	3.004086	0.003374	0.023609	1
ENSG0000	mucosal h	Inflamed	METTL2A	protein_cc	chr17	60501228	60527454	+	3114	455.9523	0	0.24518	0.081633	3.003443	0.00338	0.02364	1
ENSG0000	mucosal h	Inflamed	LINC00694	lincRNA	chr3	44462619	44465499	-	732	33.77804	0.016706	-0.96158	0.320166	-3.0034	0.003381	0.02364	1
ENSG0000	mucosal h	Inflamed	RP11-380C	pseudoger	chr10	89705259	89705781	+	523	3.754177	0.305489	0.605076	0.201465	3.003378	0.003381	0.02364	1
ENSG0000	mucosal h	Inflamed	RP4-794H	lincRNA	chr1	59348540	59362375	-	1249	36.77088	0	0.416589	0.138725	3.002989	0.003385	0.023661	1
ENSG0000	mucosal h	Inflamed	KIAA1147	protein_cc	chr7	1.41E+08	1.41E+08	-	7356	3053.905	0	0.655855	0.21842	3.002721	0.003388	0.023664	1
ENSG0000	mucosal h	Inflamed	SCAMP5	protein_cc	chr15	75249560	75313837	+	4874	1130.535	0	-0.60761	0.202356	-3.00268	0.003388	0.023664	1
ENSG0000	mucosal h	Inflamed	SRI	protein_cc	chr7	87834433	87856308	-	4237	6984.547	0	0.479275	0.159618	3.002643	0.003388	0.023664	1
ENSG0000	mucosal h	Inflamed	PTPRD	protein_cc	chr9	8314246	10612723	-	11081	1114.835	0	0.80611	0.268471	3.002594	0.003389	0.023664	1
ENSG0000	mucosal h	Inflamed	B2M	protein_cc	chr15	45003675	45011075	+	3151	104741.5	0	-0.37718	0.125654	-3.00176	0.003397	0.023714	1
ENSG0000	mucosal h	Inflamed	GFAP	protein_cc	chr17	42982376	42994305	-	6086	15.48926	0.114558	-0.92711	0.30886	-3.00171	0.003398	0.023714	1
ENSG0000	mucosal h	Inflamed	CLDN5	protein_cc	chr22	19510547	19515068	-	3429	729.9379	0	-0.68519	0.228272	-3.00163	0.003399	0.023714	1
ENSG0000	mucosal h	Inflamed	PCBP2	protein_cc	chr12	53835525	53874946	+	8400	7924.222	0	0.175392	0.058443	3.001073	0.003405	0.023748	1
ENSG0000	mucosal h	Inflamed	KCNG2	protein_cc	chr18	77623668	77660184	+	2162	10.92363	0.147971	-0.77983	0.259865	-3.00092	0.003406	0.023752	1
ENSG0000	mucosal h	Inflamed	CHCHD4	protein_cc	chr3	14153580	14166370	-	1769	425.9045	0	0.257604	0.085846	3.000754	0.003408	0.023758	1
ENSG0000	mucosal h	Inflamed	PKIA	protein_cc	chr8	79428374	79517502	+	4216	125.1098	0	-0.70866	0.236199	-3.00025	0.003413	0.023787	1
ENSG0000	mucosal h	Inflamed	CANT1	protein_cc	chr17	76987799	77005949	-	4414	15847.94	0	0.389612	0.129867	3.000098	0.003415	0.023787	1
ENSG0000	mucosal h	Inflamed	RP11-274E	pseudoger	chr5	97549106	97549825	+	720	87.94272	0	-0.4097	0.136566	-3.00001	0.003415	0.023787	1
ENSG0000	mucosal h	Inflamed	ARHGEF15	protein_cc	chr17	8213559	8225829	+	5291	503.9785	0	-0.72419	0.241396	-2.99999	0.003416	0.023787	1
ENSG0000	mucosal h	Inflamed	MKX	protein_cc	chr10	27961804	28034989	-	4106	16.04296	0.093079	-0.81626	0.272143	-2.99936	0.003422	0.023826	1
ENSG0000	mucosal h	Inflamed	SHKBP1	protein_cc	chr19	41082757	41097305	+	3936	3452.442	0	-0.31865	0.106247	-2.99918	0.003424	0.023833	1
ENSG0000	mucosal h	Inflamed	FBXO34	protein_cc	chr14	55738021	55828636	+	4133	1971.002	0	0.531815	0.177335	2.998927	0.003427	0.023844	1
ENSG0000	mucosal h	Inflamed	TINAGL1	protein_cc	chr1	32042116	32053288	+	5925	5525.711	0	0.398461	0.13288	2.998651	0.003429	0.023858	1
ENSG0000	mucosal h	Inflamed	ALDH1A2	protein_cc	chr15	58245622	58790065	-	8622	354.9857	0.011933	-1.19507	0.398559	-2.99849	0.003431	0.023863	1

ENSG0000	mucosal h	Inflamed	AC106869	lincRNA	chr2	47452933	47466364	+	677	11.74224	0.181384	0.786986	0.262468	2.998408	0.003432	0.023863	1
ENSG0000	mucosal h	Inflamed	GALR2	protein_cc	chr17	74070875	74073622	+	1364	5.556086	0.143198	-0.54616	0.182167	-2.99815	0.003435	0.023867	1
ENSG0000	mucosal h	Inflamed	MT-TD	Mt_tRNA	chrM	7518	7585	+	68	159.2053	0.038186	0.900682	0.300417	2.998109	0.003435	0.023867	1
ENSG0000	mucosal h	Inflamed	AKR1A1	protein_cc	chr1	46016215	46035721	+	3121	4202.673	0	-0.24225	0.080803	-2.99808	0.003435	0.023867	1
ENSG0000	mucosal h	Inflamed	CTC-429P	sense_intr	chr19	16750778	16751479	-	546	60.81146	0.0358	0.596172	0.198893	2.997454	0.003442	0.023904	1
ENSG0000	mucosal h	Inflamed	RP11-1971	sense_intr	chr10	16763351	16790376	-	697	5.200477	0.21957	0.563684	0.188064	2.997291	0.003443	0.023904	1
ENSG0000	mucosal h	Inflamed	NUDT14	protein_cc	chr14	1.06E+08	1.06E+08	-	1916	562.9165	0	0.331787	0.110696	2.997284	0.003443	0.023904	1
ENSG0000	mucosal h	Inflamed	RP11-6311	pseudoger	chr5	60642953	60643543	+	591	2.381862	0.46778	0.512132	0.170869	2.997215	0.003444	0.023904	1
ENSG0000	mucosal h	Inflamed	DENND1C	protein_cc	chr19	6467218	6482568	-	4657	980.3341	0	-0.57598	0.19218	-2.99711	0.003445	0.023905	1
ENSG0000	mucosal h	Inflamed	RP11-2E11	lincRNA	chr7	1.3E+08	1.3E+08	-	2902	3.494033	0.357995	0.535569	0.178734	2.996457	0.003452	0.023946	1
ENSG0000	mucosal h	Inflamed	CLDN23	protein_cc	chr8	8559448	8561616	+	2169	671.3771	0	0.682999	0.227969	2.996019	0.003457	0.023971	1
ENSG0000	mucosal h	Inflamed	HNF1B	protein_cc	chr17	36046435	36105237	-	5960	1481.284	0	0.832055	0.277741	2.995796	0.003459	0.023977	1
ENSG0000	mucosal h	Inflamed	GPR116	protein_cc	chr6	46820249	46922680	-	6717	994.3604	0.002387	-0.86125	0.28749	-2.99577	0.003459	0.023977	1
ENSG0000	mucosal h	Inflamed	RP5-943J3	lincRNA	chr1	90285733	90286427	-	695	26.74463	0.004773	0.530272	0.177014	2.99565	0.00346	0.023979	1
ENSG0000	mucosal h	Inflamed	CTD-20541	pseudoger	chr15	1E+08	1E+08	+	739	0.854415	0.794749	0.341204	0.113915	2.995252	0.003465	0.024001	1
ENSG0000	mucosal h	Inflamed	SIAH3	protein_cc	chr13	46354405	46425871	-	4030	4.293556	0.353222	0.730351	0.243844	2.995163	0.003466	0.024001	1
ENSG0000	mucosal h	Inflamed	LRR57	protein_cc	chr15	42834720	42841000	-	3412	589.5036	0	0.366298	0.122302	2.99503	0.003467	0.024004	1
ENSG0000	mucosal h	Inflamed	RP11-485C	lincRNA	chr3	1.42E+08	1.42E+08	-	4452	703.2625	0	0.811012	0.270818	2.994673	0.003471	0.024021	1
ENSG0000	mucosal h	Inflamed	GS1-124K	lincRNA	chr7	65958693	65960461	+	540	19.00716	0.002387	-0.5337	0.178219	-2.99461	0.003471	0.024021	1
ENSG0000	mucosal h	Inflamed	HSD17B2	protein_cc	chr16	82068609	82132139	+	2688	2667.847	0	0.796725	0.26606	2.994537	0.003472	0.024021	1
ENSG0000	mucosal h	Inflamed	RP11-416C	lincRNA	chr3	1.82E+08	1.82E+08	+	12085	1.613365	0.682578	-0.53373	0.178241	-2.99442	0.003473	0.024023	1
ENSG0000	mucosal h	Inflamed	HOTTIP	antisense	chr7	27238194	27246878	+	5016	954.0716	0.02864	1.020022	0.340671	2.994154	0.003476	0.024036	1
ENSG0000	mucosal h	Inflamed	MPG	protein_cc	chr16	127006	135852	+	1661	1241.093	0	-0.41961	0.140165	-2.99371	0.003481	0.024061	1
ENSG0000	mucosal h	Inflamed	TMC4	protein_cc	chr19	54663846	54676944	-	4421	6269.754	0	0.649281	0.21689	2.993599	0.003482	0.024063	1
ENSG0000	mucosal h	Inflamed	AP000350	lincRNA	chr22	24243619	24249255	-	5637	141.1026	0.24821	0.980934	0.327752	2.992917	0.003489	0.024106	1
ENSG0000	mucosal h	Inflamed	RP11-509E	sense_intr	chr16	6106976	6142955	+	776	0.904535	0.76611	0.293807	0.098179	2.992571	0.003493	0.024122	1
ENSG0000	mucosal h	Inflamed	MYCBPAP	protein_cc	chr17	48585745	48608862	+	6515	26.94272	0.023866	0.643022	0.214879	2.992486	0.003493	0.024122	1
ENSG0000	mucosal h	Inflamed	PSPH	protein_cc	chr7	56078744	56119297	-	2762	229.043	0	-0.25996	0.086873	-2.99244	0.003494	0.024122	1
ENSG0000	mucosal h	Inflamed	CTB-92J24	antisense	chr19	24101883	24140732	-	2233	1.832936	0.603819	0.423524	0.141564	2.991754	0.003501	0.024165	1
ENSG0000	mucosal h	Inflamed	RSBN1L-A	lincRNA	chr7	77286977	77325582	-	3100	237.1384	0	0.427243	0.142822	2.991438	0.003504	0.024182	1
ENSG0000	mucosal h	Inflamed	RP3-500L1	lincRNA	chr6	13825663	13826805	+	1143	1.78043	0.563246	0.453262	0.151545	2.990936	0.00351	0.024212	1
ENSG0000	mucosal h	Inflamed	LRR46	protein_cc	chr17	45908993	45915079	+	2820	22.10263	0.00716	-0.39504	0.132136	-2.98964	0.003523	0.024294	1
ENSG0000	mucosal h	Inflamed	SUCLA2	protein_cc	chr13	48510622	48612125	-	3786	952.8496	0	0.430562	0.144018	2.989629	0.003524	0.024294	1
ENSG0000	mucosal h	Inflamed	RP11-20G	lincRNA	chr15	99935384	99936798	-	323	1.859189	0.589499	-0.51059	0.170813	-2.98916	0.003528	0.024322	1
ENSG0000	mucosal h	Inflamed	DOK5	protein_cc	chr20	53092136	53267710	+	2604	27.99045	0.031026	-0.74558	0.249526	-2.988	0.003541	0.024397	1
ENSG0000	mucosal h	Inflamed	SPG21	protein_cc	chr15	65255362	65282648	-	3984	2180.816	0	-0.21525	0.072041	-2.98796	0.003541	0.024397	1
ENSG0000	mucosal h	Inflamed	CYGB	protein_cc	chr17	74523438	74547257	-	2949	2611.375	0	-0.50415	0.16877	-2.98718	0.00355	0.024448	1
ENSG0000	mucosal h	Inflamed	ADCY10	protein_cc	chr1	1.68E+08	1.68E+08	-	6139	7.821002	0.107399	0.552912	0.185103	2.987058	0.003551	0.02445	1
ENSG0000	mucosal h	Inflamed	FAM86C2	pseudoger	chr11	67559119	67572807	-	3402	130.9857	0	0.35438	0.118648	2.986826	0.003553	0.024461	1
ENSG0000	mucosal h	Inflamed	NSUN7	protein_cc	chr4	40751914	40812002	+	4728	251.358	0	0.517117	0.173204	2.985594	0.003566	0.024544	1

ENSG0000	mucosal h	Inflamed	RP11-817C	lincRNA	chr15	75660496	75661925	+	1430	70.68735	0	0.322855	0.108141	2.985512	0.003567	0.024544	1
ENSG0000	mucosal h	Inflamed	RASGRF1	protein_cc	chr15	79252289	79383115	-	8683	65.44391	0.004773	-0.60859	0.203869	-2.98521	0.003571	0.02456	1
ENSG0000	mucosal h	Inflamed	CYP21A2	protein_cc	chr6	32006042	32009447	+	2909	11.39618	0.126492	-0.73481	0.246174	-2.98491	0.003574	0.024576	1
ENSG0000	mucosal h	Inflamed	RP11-366M	processed_chr4		1.66E+08	1.66E+08	+	3089	5.329356	0.329356	-0.70688	0.236839	-2.98463	0.003577	0.024589	1
ENSG0000	mucosal h	Inflamed	FGF4	protein_cc	chr11	69587797	69590171	-	1220	1.799523	0.644391	-0.47938	0.160622	-2.98455	0.003578	0.024589	1
ENSG0000	mucosal h	Inflamed	EPHA10	protein_cc	chr1	38179552	38230805	-	8151	2448.53	0	0.808789	0.271015	2.984291	0.00358	0.024602	1
ENSG0000	mucosal h	Inflamed	DOCK8	protein_cc	chr9	214854	465259	+	13782	2308.866	0	-0.63978	0.214396	-2.98408	0.003583	0.024611	1
ENSG0000	mucosal h	Inflamed	NR3C2	protein_cc	chr4	1.49E+08	1.49E+08	-	6607	2936.229	0	0.93843	0.314496	2.983919	0.003584	0.024617	1
ENSG0000	mucosal h	Inflamed	CCDC17	protein_cc	chr1	46085716	46089729	-	3323	117.5036	0	0.727009	0.243656	2.983755	0.003586	0.024622	1
ENSG0000	mucosal h	Inflamed	RP11-169K	antisense	chr1	16160560	16174642	-	2882	115.0143	0	0.245043	0.082128	2.983666	0.003587	0.024622	1
ENSG0000	mucosal h	Inflamed	RP11-395E	processed_chr7		1.01E+08	1.01E+08	-	2552	1650.394	0	0.864757	0.289842	2.983543	0.003588	0.024625	1
ENSG0000	mucosal h	Inflamed	GNLY	protein_cc	chr2	85912298	85925977	+	3051	419.4487	0	-0.91829	0.30785	-2.9829	0.003595	0.024665	1
ENSG0000	mucosal h	Inflamed	MYO1A	protein_cc	chr12	57422301	57444982	-	4438	8191.599	0	1.003068	0.336281	2.982825	0.003596	0.024665	1
ENSG0000	mucosal h	Inflamed	ZBTB10	protein_cc	chr8	81397854	81438500	+	10216	584.7399	0.004773	0.818331	0.27441	2.982144	0.003603	0.024709	1
ENSG0000	mucosal h	Inflamed	IL17RE	protein_cc	chr3	9944296	9958086	+	4676	2796.282	0	0.626061	0.209955	2.981875	0.003606	0.024722	1
ENSG0000	mucosal h	Inflamed	ZNRF1	protein_cc	chr16	75032928	75144892	+	8824	1210.036	0	0.219271	0.073538	2.981712	0.003608	0.024728	1
ENSG0000	mucosal h	Inflamed	SLC31A2	protein_cc	chr9	1.16E+08	1.16E+08	+	2504	551.9642	0	-0.38687	0.12975	-2.98161	0.003609	0.024729	1
ENSG0000	mucosal h	Inflamed	RP11-465E	pseudoger	chr1	995114	1004735	+	2171	11.76611	0.116945	-0.8055	0.270184	-2.98129	0.003613	0.024747	1
ENSG0000	mucosal h	Inflamed	PECR	protein_cc	chr2	2.17E+08	2.17E+08	-	3182	331.0453	0	0.41814	0.140293	2.980482	0.003621	0.0248	1
ENSG0000	mucosal h	Inflamed	ENPP7P8	pseudoger	chr11	71422786	71492229	+	1607	4.310263	0.319809	0.671079	0.225205	2.979854	0.003628	0.02484	1
ENSG0000	mucosal h	Inflamed	CD177P1	pseudoger	chr19	43876894	43883276	-	1061	104	0.102625	1.187803	0.398769	2.978674	0.003641	0.024921	1
ENSG0000	mucosal h	Inflamed	CTNND1	protein_cc	chr11	57520715	57587018	+	8833	25133.65	0	0.527053	0.176949	2.97856	0.003642	0.024922	1
ENSG0000	mucosal h	Inflamed	AC127904	sense_intr	chr3	1.97E+08	1.97E+08	+	1109	7.107399	0.143198	0.643342	0.215996	2.978494	0.003643	0.024922	1
ENSG0000	mucosal h	Inflamed	SCN1B	protein_cc	chr19	35521588	35531352	+	4625	221.1074	0	-0.63286	0.21249	-2.97828	0.003645	0.024931	1
ENSG0000	mucosal h	Inflamed	MAFF	protein_cc	chr22	38597889	38612518	+	2977	1339.905	0	-0.6295	0.211481	-2.97664	0.003663	0.025038	1
ENSG0000	mucosal h	Inflamed	ALS2CR12	protein_cc	chr2	2.02E+08	2.02E+08	-	2635	13.73986	0.071599	0.636341	0.21378	2.976611	0.003664	0.025038	1
ENSG0000	mucosal h	Inflamed	RP11-477F	sense_intr	chr1	1.65E+08	1.65E+08	+	715	7.868735	0.076372	0.499603	0.167844	2.976597	0.003664	0.025038	1
ENSG0000	mucosal h	Inflamed	RP11-600F	antisense	chr14	1.04E+08	1.04E+08	-	4063	98.40811	0.011933	0.696991	0.2342	2.976053	0.00367	0.025069	1
ENSG0000	mucosal h	Inflamed	FAM89B	protein_cc	chr11	65339820	65341669	+	1458	478.0358	0	-0.38771	0.130278	-2.976	0.00367	0.025069	1
ENSG0000	mucosal h	Inflamed	KCNS1	protein_cc	chr20	43720951	43729753	-	4538	15.09785	0.119332	-0.91326	0.306928	-2.97547	0.003676	0.025099	1
ENSG0000	mucosal h	Inflamed	SLC25A30	lincRNA	chr13	45992297	45994506	+	701	5.202864	0.186158	0.478985	0.16098	2.97543	0.003677	0.025099	1
ENSG0000	mucosal h	Inflamed	RP11-366L	antisense	chr2	1.83E+08	1.83E+08	-	3813	29.19332	0.023866	0.592809	0.199272	2.974871	0.003683	0.025134	1
ENSG0000	mucosal h	Inflamed	LINC00923	protein_cc	chr15	98285448	98417780	-	2342	3.589499	0.389021	0.566898	0.190575	2.974665	0.003685	0.025143	1
ENSG0000	mucosal h	Inflamed	NBPF16	protein_cc	chr1	1.49E+08	1.49E+08	+	3830	54.51074	0.026253	0.575411	0.193454	2.974402	0.003688	0.025157	1
ENSG0000	mucosal h	Inflamed	ACADM	protein_cc	chr1	76190036	76253260	+	4779	1306.043	0	0.500933	0.168442	2.973926	0.003693	0.025186	1
ENSG0000	mucosal h	Inflamed	DUOXA1	protein_cc	chr15	45409569	45422136	-	3717	89.52983	0.011933	-1.06576	0.358408	-2.9736	0.003697	0.025204	1
ENSG0000	mucosal h	Inflamed	MAGED4	protein_cc	chrX	51927919	51935364	+	4809	1.725537	0.563246	-0.46166	0.155258	-2.97352	0.003698	0.025204	1
ENSG0000	mucosal h	Inflamed	ALO20996	protein_cc	chr1	26145212	26147288	-	2077	22.30788	0.016706	0.454131	0.152732	2.973392	0.003699	0.025207	1
ENSG0000	mucosal h	Inflamed	UBE2FP1	pseudoger	chr3	37185003	37185449	-	447	28.22912	0.019093	0.686329	0.230921	2.972131	0.003713	0.025295	1
ENSG0000	mucosal h	Inflamed	FAM160A1	protein_cc	chr4	1.52E+08	1.53E+08	+	4932	555.3771	0	0.780153	0.262497	2.972039	0.003714	0.025295	1

ENSG0000	mucosal h	Inflamed	MMP23A	pseudoger	chr1	1631369	1633249	+	1124	3.529833	0.274463	0.444091	0.149428	2.971939	0.003715	0.025296	1
ENSG0000	mucosal h	Inflamed	SYNGR3	protein_cc	chr16	2039661	2044276	+	3420	77.47971	0	-0.50104	0.168618	-2.97143	0.003721	0.025329	1
ENSG0000	mucosal h	Inflamed	C14orf64	protein_cc	chr14	98391947	98444461	-	5850	55.6611	0	0.556365	0.187253	2.971198	0.003723	0.025336	1
ENSG0000	mucosal h	Inflamed	TOX	protein_cc	chr8	59717977	60031767	-	4131	669.9642	0	0.495544	0.166786	2.971128	0.003724	0.025336	1
ENSG0000	mucosal h	Inflamed	ARV1	protein_cc	chr1	2.31E+08	2.31E+08	+	1987	563.3842	0	0.385983	0.129914	2.971075	0.003725	0.025336	1
ENSG0000	mucosal h	Inflamed	DOCK2	protein_cc	chr5	1.69E+08	1.7E+08	+	12816	2147.623	0	-0.63746	0.214566	-2.97095	0.003726	0.025339	1
ENSG0000	mucosal h	Inflamed	SPDYA	protein_cc	chr2	29005383	29073477	+	3483	10.61337	0.100239	0.698234	0.235028	2.970852	0.003727	0.025339	1
ENSG0000	mucosal h	Inflamed	RP11-390F	lincRNA	chr9	6645956	6670635	+	526	3.157518	0.346062	-0.54122	0.182198	-2.97051	0.003731	0.025359	1
ENSG0000	mucosal h	Inflamed	RP11-410E	lincRNA	chr2	1.87E+08	1.87E+08	-	2202	4.570406	0.24821	0.610089	0.205432	2.96979	0.003739	0.025407	1
ENSG0000	mucosal h	Inflamed	LRP6	protein_cc	chr12	12268959	12419946	-	10337	1082.556	0	0.63984	0.21547	2.969507	0.003742	0.025422	1
ENSG0000	mucosal h	Inflamed	RAB42	protein_cc	chr1	28918712	28921955	+	2180	191.6993	0	-0.38762	0.130546	-2.96924	0.003745	0.025435	1
ENSG0000	mucosal h	Inflamed	EGFL8	protein_cc	chr6	32132360	32136058	+	2621	100.6158	0.009547	0.707562	0.23833	2.968839	0.00375	0.025459	1
ENSG0000	mucosal h	Inflamed	CYCS	protein_cc	chr7	25159710	25164980	-	4457	6574.258	0	0.510488	0.171956	2.968711	0.003751	0.025462	1
ENSG0000	mucosal h	Inflamed	TREH	protein_cc	chr11	1.19E+08	1.19E+08	-	3181	165.1766	0.004773	0.852512	0.287201	2.968346	0.003755	0.025483	1
ENSG0000	mucosal h	Inflamed	LBH	protein_cc	chr2	30454397	30546596	+	4535	923.0931	0	-0.61646	0.207688	-2.96819	0.003757	0.025489	1
ENSG0000	mucosal h	Inflamed	FAM117A	protein_cc	chr17	47787694	47866542	-	3836	874.0907	0	-0.44704	0.150634	-2.96776	0.003762	0.025515	1
ENSG0000	mucosal h	Inflamed	ACTB	protein_cc	chr7	5566782	5603415	-	3256	219767.3	0	-0.28858	0.097249	-2.96744	0.003765	0.025533	1
ENSG0000	mucosal h	Inflamed	COL1A1	protein_cc	chr17	48260650	48278993	-	9819	47200.82	0	-0.96914	0.326603	-2.96734	0.003766	0.025534	1
ENSG0000	mucosal h	Inflamed	TUBB2A	protein_cc	chr6	3153903	3157760	-	1727	923.8616	0	-0.4113	0.138612	-2.96725	0.003767	0.025534	1
ENSG0000	mucosal h	Inflamed	KATNAL2	protein_cc	chr18	44497455	44627658	+	3827	48.88067	0.009547	0.563548	0.189936	2.967046	0.00377	0.025543	1
ENSG0000	mucosal h	Inflamed	FAM105A	protein_cc	chr5	14581884	14615116	+	4074	1695.117	0	0.572748	0.193063	2.966639	0.003774	0.025567	1
ENSG0000	mucosal h	Inflamed	RP11-20B7	lincRNA	chr3	73857752	73952017	+	782	2.828162	0.513126	-0.6945	0.234122	-2.9664	0.003777	0.025579	1
ENSG0000	mucosal h	Inflamed	RAX	protein_cc	chr18	56934267	56941318	-	3725	6.627685	0.632458	-1.06097	0.357745	-2.96571	0.003785	0.025621	1
ENSG0000	mucosal h	Inflamed	MIR133A1	antisense	chr18	19405448	19411371	-	4376	1.355609	0.663484	0.427688	0.144213	2.96568	0.003785	0.025621	1
ENSG0000	mucosal h	Inflamed	RP11-498E	lincRNA	chr9	1.25E+08	1.25E+08	+	477	15.35561	0.02148	0.515945	0.174014	2.964955	0.003793	0.025658	1
ENSG0000	mucosal h	Inflamed	RP11-1109	lincRNA	chr12	89761584	89763078	+	1495	18.47971	0.073986	0.741149	0.249976	2.964874	0.003794	0.025658	1
ENSG0000	mucosal h	Inflamed	CTD-2383f	antisense	chr11	1.01E+08	1.01E+08	-	1865	3.379475	0.300716	0.516998	0.174376	2.96485	0.003795	0.025658	1
ENSG0000	mucosal h	Inflamed	AC074117	antisense	chr2	27579113	27590489	+	3412	278.6444	0	0.420852	0.141947	2.964849	0.003795	0.025658	1
ENSG0000	mucosal h	Inflamed	RP11-20D1	lincRNA	chr12	8940853	8948385	+	2279	11.51074	0.126492	-0.68901	0.232478	-2.96377	0.003807	0.025734	1
ENSG0000	mucosal h	Inflamed	POU5F1B	protein_cc	chr8	1.28E+08	1.28E+08	+	5357	9.797136	0.078759	0.642562	0.216822	2.963548	0.003809	0.025742	1
ENSG0000	mucosal h	Inflamed	WNT10B	protein_cc	chr12	49359123	49365546	-	2629	66.47733	0.009547	-0.81129	0.273761	-2.96349	0.00381	0.025742	1
ENSG0000	mucosal h	Inflamed	XXbac-BPC	lincRNA	chr6	31362066	31363272	-	1207	113.673	0.002387	0.535879	0.180838	2.963305	0.003812	0.02575	1
ENSG0000	mucosal h	Inflamed	CDC20	protein_cc	chr1	43824626	43828874	+	2038	1450.888	0	-0.42334	0.142867	-2.96318	0.003813	0.025753	1
ENSG0000	mucosal h	Inflamed	ABCC6P1	pseudoger	chr16	18582484	18609650	+	3431	168.9761	0.002387	0.863129	0.291302	2.963004	0.003815	0.02576	1
ENSG0000	mucosal h	Inflamed	ELMSAN1	protein_cc	chr14	74181825	74256988	-	13484	4091.897	0	0.550972	0.186011	2.962041	0.003826	0.025827	1
ENSG0000	mucosal h	Inflamed	TFPI2	protein_cc	chr7	93514709	93520303	-	2663	559.2768	0.009547	-1.37824	0.465318	-2.96194	0.003828	0.025828	1
ENSG0000	mucosal h	Inflamed	RP11-529f	processed	chr4	88238322	88266362	-	349	1.152745	0.72315	0.365517	0.123413	2.961748	0.00383	0.025836	1
ENSG0000	mucosal h	Inflamed	TAP2	protein_cc	chr6	32789610	32806557	-	6385	2351.212	0	-0.44191	0.14922	-2.96149	0.003833	0.02585	1
ENSG0000	mucosal h	Inflamed	MAML2	protein_cc	chr11	95709762	96076344	-	7106	819.5107	0	0.507676	0.171461	2.960892	0.00384	0.025885	1
ENSG0000	mucosal h	Inflamed	RP11-135f	antisense	chr3	1.94E+08	1.94E+08	-	430	8.27685	0.095465	0.639203	0.215884	2.96086	0.00384	0.025885	1

ENSG0000	mucosal h	Inflamed	ABCG2	protein_cc chr4	89011416	89152474	-	4848	1398.375	0.002387	1.444366	0.48786	2.960614	0.003843	0.025897	1
ENSG0000	mucosal h	Inflamed	DRD2	protein_cc chr11	1.13E+08	1.13E+08	-	4117	16.50358	0.052506	0.70682	0.23876	2.960375	0.003845	0.025909	1
ENSG0000	mucosal h	Inflamed	FAM73B	protein_cc chr9	1.32E+08	1.32E+08	+	6302	2511.745	0	0.379712	0.128272	2.9602	0.003847	0.025916	1
ENSG0000	mucosal h	Inflamed	PLEKHH1	protein_cc chr14	68000018	68056329	+	10817	3367.938	0	0.861697	0.291106	2.960078	0.003849	0.025918	1
ENSG0000	mucosal h	Inflamed	BCL2L2	protein_cc chr14	23767999	23780968	+	4189	2405.807	0	0.306918	0.103689	2.959995	0.00385	0.025918	1
ENSG0000	mucosal h	Inflamed	TPK1	protein_cc chr7	1.44E+08	1.45E+08	-	8436	557.6659	0	-0.62629	0.211596	-2.95984	0.003852	0.025923	1
ENSG0000	mucosal h	Inflamed	CLDN18	protein_cc chr3	1.38E+08	1.38E+08	+	3877	208.8162	0.136038	-1.68474	0.569233	-2.95967	0.003854	0.02593	1
ENSG0000	mucosal h	Inflamed	CPA3	protein_cc chr3	1.49E+08	1.49E+08	+	1848	1337.613	0	-0.75513	0.255173	-2.9593	0.003858	0.025952	1
ENSG0000	mucosal h	Inflamed	KANK3	protein_cc chr19	8387468	8408146	-	3214	316.3031	0	-0.63972	0.216198	-2.95897	0.003862	0.025971	1
ENSG0000	mucosal h	Inflamed	PMCH	protein_cc chr12	1.03E+08	1.03E+08	-	766	1.754177	0.689737	-0.54137	0.182972	-2.95875	0.003864	0.025982	1
ENSG0000	mucosal h	Inflamed	CDH11	protein_cc chr16	64977656	65160015	-	9920	1930.94	0	-0.70619	0.238715	-2.95829	0.003869	0.026007	1
ENSG0000	mucosal h	Inflamed	FBXO40	protein_cc chr3	1.21E+08	1.21E+08	+	5926	0.830549	0.787589	-0.35526	0.120093	-2.95824	0.00387	0.026007	1
ENSG0000	mucosal h	Inflamed	ADAMTS9	protein_cc chr3	64501333	64673676	-	10693	1088.647	0	-0.75018	0.253619	-2.95791	0.003874	0.026021	1
ENSG0000	mucosal h	Inflamed	RANGRF	protein_cc chr17	8191815	8193410	+	1577	490.2005	0	-0.32903	0.111238	-2.9579	0.003874	0.026021	1
ENSG0000	mucosal h	Inflamed	RGL4	protein_cc chr22	24030323	24041363	+	4715	63.72792	0	-0.81051	0.274032	-2.95771	0.003876	0.026029	1
ENSG0000	mucosal h	Inflamed	CD248	protein_cc chr11	66081958	66084515	-	2558	1297.298	0	-0.89523	0.302697	-2.95751	0.003878	0.026033	1
ENSG0000	mucosal h	Inflamed	SCAMP3	protein_cc chr1	1.55E+08	1.55E+08	-	2442	2112.224	0	-0.21147	0.071503	-2.95749	0.003879	0.026033	1
ENSG0000	mucosal h	Inflamed	RP11-296A	lincRNA chr1	51660767	51700768	-	2366	3.205251	0.322196	-0.44253	0.149637	-2.95735	0.00388	0.026034	1
ENSG0000	mucosal h	Inflamed	RP11-345M	lincRNA chr16	79750622	79804460	-	1725	6.608592	0.171838	0.533403	0.180369	2.957295	0.003881	0.026034	1
ENSG0000	mucosal h	Inflamed	TACR2	protein_cc chr10	71163659	71176623	-	2871	52.27208	0	0.829996	0.280689	2.956997	0.003884	0.026051	1
ENSG0000	mucosal h	Inflamed	RP11-345J	pseudoger chr16	29538889	29606395	-	4387	65.19809	0	0.483317	0.163455	2.956888	0.003886	0.026053	1
ENSG0000	mucosal h	Inflamed	CCR8	protein_cc chr3	39371197	39375171	+	1487	16.83771	0.145585	-0.85642	0.289646	-2.95677	0.003887	0.026055	1
ENSG0000	mucosal h	Inflamed	RP11-341C	antisense chr12	1.04E+08	1.04E+08	-	1063	20.06921	0.047733	0.745098	0.252012	2.956603	0.003889	0.026061	1
ENSG0000	mucosal h	Inflamed	UGT3A2	protein_cc chr5	36035119	36071460	-	2694	6.75895	0.243437	-0.64682	0.218832	-2.9558	0.003898	0.026113	1
ENSG0000	mucosal h	Inflamed	CTB-113D	antisense chr7	29019583	29052983	+	4916	21.44391	0.066826	0.83231	0.281588	2.955771	0.003899	0.026113	1
ENSG0000	mucosal h	Inflamed	AC007255	antisense chr7	29553841	29603286	-	1440	103.3962	0.00716	0.7857	0.265864	2.955266	0.003904	0.026145	1
ENSG0000	mucosal h	Inflamed	LINC00654	lincRNA chr20	5476713	5485259	-	6294	379.3914	0	0.618534	0.20932	2.954965	0.003908	0.026158	1
ENSG0000	mucosal h	Inflamed	OLFM1	protein_cc chr9	1.38E+08	1.38E+08	+	6123	1070.568	0	-0.83731	0.283361	-2.95494	0.003908	0.026158	1
ENSG0000	mucosal h	Inflamed	RP11-247A	lincRNA chr9	1.32E+08	1.32E+08	+	507	4.312649	0.286396	-0.56133	0.190005	-2.95429	0.003916	0.026201	1
ENSG0000	mucosal h	Inflamed	EMCN	protein_cc chr4	1.01E+08	1.02E+08	-	5243	183.4511	0	-0.64421	0.21807	-2.95413	0.003918	0.026207	1
ENSG0000	mucosal h	Inflamed	PRR19	protein_cc chr19	42806250	42814973	+	2575	26.19093	0.002387	-0.40228	0.136191	-2.95383	0.003921	0.026224	1
ENSG0000	mucosal h	Inflamed	SLC25A38	protein_cc chr3	39424839	39438842	+	2151	1532.148	0	0.247897	0.083927	2.953734	0.003922	0.026225	1
ENSG0000	mucosal h	Inflamed	AL031663	protein_cc chr20	44074071	44077220	+	3150	30.28162	0.02148	0.724112	0.245192	2.953241	0.003928	0.026256	1
ENSG0000	mucosal h	Inflamed	ADPRHL2	protein_cc chr1	36554476	36559533	+	1668	899.5728	0	-0.20051	0.067908	-2.95263	0.003935	0.026297	1
ENSG0000	mucosal h	Inflamed	RP11-127E	lincRNA chr7	5465908	5468558	-	2651	16.12411	0.01432	0.540817	0.183171	2.952527	0.003936	0.026299	1
ENSG0000	mucosal h	Inflamed	CTD-3074C	antisense chr11	66240961	66247704	-	2057	75.8043	0	0.384995	0.130409	2.952215	0.00394	0.026317	1
ENSG0000	mucosal h	Inflamed	GOLGA7B	protein_cc chr10	99627889	99631294	+	3406	6.439141	0.224344	0.697102	0.236151	2.951932	0.003943	0.026332	1
ENSG0000	mucosal h	Inflamed	PNPLA3	protein_cc chr22	44319619	44360368	+	3232	48.68974	0.033413	-0.86081	0.291711	-2.9509	0.003955	0.026406	1
ENSG0000	mucosal h	Inflamed	KCNA6	protein_cc chr12	4918342	4960277	+	5977	45.91408	0.023866	0.707993	0.239938	2.950738	0.003957	0.026412	1
ENSG0000	mucosal h	Inflamed	RP11-534L	antisense chr1	2.07E+08	2.07E+08	+	509	4.770883	0.245823	0.590952	0.200301	2.950324	0.003962	0.026438	1

ENSG0000	mucosal h	Inflamed	C1orf229	protein_cc chr1	2.47E+08	2.47E+08	-	2258	9.501193	0.038186	0.560769	0.190099	2.949884	0.003967	0.026466	1
ENSG0000	mucosal h	Inflamed	ACOT11	protein_cc chr1	55007930	55104865	+	9768	3332.597	0	0.607458	0.205983	2.949073	0.003977	0.026523	1
ENSG0000	mucosal h	Inflamed	DNAJC22	protein_cc chr12	49740700	49751309	+	3477	893.6229	0	0.58742	0.199197	2.948936	0.003979	0.026527	1
ENSG0000	mucosal h	Inflamed	PVRL3	protein_cc chr3	1.11E+08	1.11E+08	+	6184	899.6587	0	0.562017	0.190613	2.948476	0.003984	0.026557	1
ENSG0000	mucosal h	Inflamed	RAB15	protein_cc chr14	65412532	65439494	-	4379	2460.1	0	0.477194	0.161869	2.948026	0.003989	0.026585	1
ENSG0000	mucosal h	Inflamed	KCNMB2	protein_cc chr3	1.78E+08	1.79E+08	+	3585	7.684964	0.150358	0.705278	0.23925	2.94787	0.003991	0.026588	1
ENSG0000	mucosal h	Inflamed	PAOX	protein_cc chr10	1.35E+08	1.35E+08	+	2320	351.0286	0	-0.2908	0.098648	-2.94783	0.003992	0.026588	1
ENSG0000	mucosal h	Inflamed	SULT1A2	protein_cc chr16	28603264	28608430	-	2275	661.58	0	1.061009	0.359973	2.947469	0.003996	0.026608	1
ENSG0000	mucosal h	Inflamed	AC005702	miRNA chr17	58119722	58119803	-	82	1.878282	0.484487	0.427876	0.145171	2.9474	0.003997	0.026608	1
ENSG0000	mucosal h	Inflamed	RP1-197B1	lincRNA chr12	48099868	48136077	+	4024	39.44869	0	-0.4461	0.151373	-2.94705	0.004001	0.026629	1
ENSG0000	mucosal h	Inflamed	MEST	protein_cc chr7	1.3E+08	1.3E+08	+	4624	883.3461	0	0.486587	0.165124	2.946791	0.004004	0.026642	1
ENSG0000	mucosal h	Inflamed	MIR3131	miRNA chr2	2.2E+08	2.2E+08	-	63	8.99284	0.126492	0.635672	0.215731	2.9466	0.004006	0.026649	1
ENSG0000	mucosal h	Inflamed	CD34	protein_cc chr1	2.08E+08	2.08E+08	-	3949	1662.73	0	-0.6896	0.234038	-2.94654	0.004007	0.026649	1
ENSG0000	mucosal h	Inflamed	RP11-6161	antisense chr16	1256560	1257124	-	338	14.7852	0.136038	0.809971	0.27495	2.945881	0.004015	0.026694	1
ENSG0000	mucosal h	Inflamed	PPDPF	protein_cc chr20	62152077	62153559	+	1094	13327.78	0	0.392268	0.133167	2.945683	0.004017	0.026703	1
ENSG0000	mucosal h	Inflamed	LINC00704	lincRNA chr10	4692377	4720346	-	1920	23.40811	0.023866	0.758991	0.257693	2.945333	0.004021	0.026722	1
ENSG0000	mucosal h	Inflamed	SH3RF2	protein_cc chr5	1.45E+08	1.45E+08	+	7232	2918.363	0	0.764574	0.259596	2.945243	0.004022	0.026722	1
ENSG0000	mucosal h	Inflamed	KCTD11	protein_cc chr17	7255208	7258258	+	3051	1050.597	0	-0.36545	0.124085	-2.9452	0.004023	0.026722	1
ENSG0000	mucosal h	Inflamed	CLSTN3	protein_cc chr12	7282294	7311541	+	6865	2677.475	0	-0.64312	0.218389	-2.94485	0.004027	0.026743	1
ENSG0000	mucosal h	Inflamed	CD244	protein_cc chr1	1.61E+08	1.61E+08	-	2904	102.6587	0	-0.46567	0.158149	-2.94448	0.004032	0.026765	1
ENSG0000	mucosal h	Inflamed	PRKAR2A	protein_cc chr3	48782030	48885279	-	6644	3516.043	0	0.450865	0.153172	2.943522	0.004043	0.026834	1
ENSG0000	mucosal h	Inflamed	SYF2	protein_cc chr1	25549170	25558993	-	3370	1216.783	0	0.331422	0.112604	2.943262	0.004046	0.026848	1
ENSG0000	mucosal h	Inflamed	MAP2K1P1	pseudoger chr8	29885229	29886416	+	1188	1.355609	0.637232	-0.38504	0.13083	-2.94309	0.004048	0.026852	1
ENSG0000	mucosal h	Inflamed	GABBR2	protein_cc chr9	1.01E+08	1.01E+08	-	6007	17.51551	0.143198	-0.86133	0.292671	-2.943	0.004049	0.026852	1
ENSG0000	mucosal h	Inflamed	IGHV3-41	IG_V_pseu chr14	1.07E+08	1.07E+08	-	347	2.212411	0.553699	-0.54992	0.186859	-2.94296	0.00405	0.026852	1
ENSG0000	mucosal h	Inflamed	UGP2	protein_cc chr2	64068074	64118696	+	6477	6403.095	0	0.597143	0.202935	2.942538	0.004055	0.026879	1
ENSG0000	mucosal h	Inflamed	C1QTNF6	protein_cc chr22	37576207	37595425	-	7143	1280.179	0	-0.51817	0.176128	-2.942	0.004061	0.026911	1
ENSG0000	mucosal h	Inflamed	SIX4	protein_cc chr14	61176246	61191066	-	6658	29.58473	0.047733	-0.96616	0.328408	-2.94196	0.004062	0.026911	1
ENSG0000	mucosal h	Inflamed	SNX15	protein_cc chr11	64794880	64808044	+	4915	162.957	0.004773	0.554522	0.188504	2.941704	0.004065	0.026921	1
ENSG0000	mucosal h	Inflamed	RPL39L	protein_cc chr3	1.87E+08	1.87E+08	-	1060	107.0788	0	-0.55476	0.188591	-2.94162	0.004066	0.026921	1
ENSG0000	mucosal h	Inflamed	AP006621	protein_cc chr11	777578	784297	+	1059	75.63723	0	0.508533	0.172877	2.941585	0.004066	0.026921	1
ENSG0000	mucosal h	Inflamed	RP11-21L2	antisense chr11	76493625	76494106	-	354	5.861575	0.102625	0.492995	0.167662	2.940414	0.00408	0.027008	1
ENSG0000	mucosal h	Inflamed	PYGB	protein_cc chr20	25228705	25278650	+	4474	21330.4	0	0.481657	0.163812	2.940298	0.004082	0.02701	1
ENSG0000	mucosal h	Inflamed	CTB-171A	antisense chr19	45135500	45222031	-	1418	68.62768	0	0.543929	0.185009	2.940012	0.004085	0.027026	1
ENSG0000	mucosal h	Inflamed	SLC13A5	protein_cc chr17	6588032	6616886	-	8982	5.606205	0.591885	-1.02216	0.347692	-2.93983	0.004087	0.027034	1
ENSG0000	mucosal h	Inflamed	SND1	protein_cc chr7	1.27E+08	1.28E+08	+	6500	9752.138	0	-0.26008	0.088473	-2.93967	0.004089	0.027038	1
ENSG0000	mucosal h	Inflamed	PARD3	protein_cc chr10	34398488	35104253	-	6513	1665.401	0	0.424355	0.144358	2.939608	0.00409	0.027038	1
ENSG0000	mucosal h	Inflamed	TNFSF9	protein_cc chr19	6531010	6535931	+	1657	111.0143	0.004773	-0.88293	0.300388	-2.93929	0.004094	0.027051	1
ENSG0000	mucosal h	Inflamed	OR7E22P	pseudoger chr3	75405667	75406654	-	988	1.797136	0.618138	0.557069	0.189526	2.939278	0.004094	0.027051	1
ENSG0000	mucosal h	Inflamed	COPS7A	protein_cc chr12	6832907	6841041	+	3113	1670.138	0	-0.1985	0.067537	-2.93914	0.004096	0.027055	1

ENSG0000	mucosal h	Inflamed	RNF185	protein_cc chr22	31556168	31603005	+	3447	2261.432	0	0.248976	0.084715	2.938964	0.004098	0.027063	1
ENSG0000	mucosal h	Inflamed	PSENE1	protein_cc chr19	36236015	36237911	+	1336	814.6778	0	-0.36805	0.125257	-2.93837	0.004105	0.027104	1
ENSG0000	mucosal h	Inflamed	RP11-379F	pseudoger chr3	1.58E+08	1.58E+08	+	323	1.190931	0.673031	0.388701	0.132306	2.937892	0.004111	0.027129	1
ENSG0000	mucosal h	Inflamed	TRIP13	protein_cc chr5	892758	919472	+	3560	266.0406	0	-0.43335	0.147505	-2.93788	0.004111	0.027129	1
ENSG0000	mucosal h	Inflamed	CTD-3051I	lincRNA chr14	1.05E+08	1.05E+08	-	1045	10.82578	0.169451	0.752271	0.256086	2.937576	0.004115	0.027144	1
ENSG0000	mucosal h	Inflamed	DLGAP1	protein_cc chr18	3496030	4455335	-	12109	15.34845	0.02864	0.651804	0.221889	2.93753	0.004115	0.027144	1
ENSG0000	mucosal h	Inflamed	AC106876	protein_cc chr2	2.34E+08	2.34E+08	+	813	79.96897	0.011933	0.663441	0.22587	2.937272	0.004119	0.027146	1
ENSG0000	mucosal h	Inflamed	GPC2	protein_cc chr7	99767229	99774995	-	3828	53.96181	0.019093	0.647747	0.220527	2.937265	0.004119	0.027146	1
ENSG0000	mucosal h	Inflamed	FTLP3	pseudoger chr20	4004552	4005091	+	540	181.7661	0	-0.49533	0.168636	-2.93726	0.004119	0.027146	1
ENSG0000	mucosal h	Inflamed	RAET1G	protein_cc chr6	1.5E+08	1.5E+08	-	1486	9.811456	0.057279	-0.65574	0.223329	-2.93622	0.004131	0.027222	1
ENSG0000	mucosal h	Inflamed	AGBL2	protein_cc chr11	47681143	47736941	-	5483	58.79236	0.011933	0.61094	0.208104	2.93574	0.004137	0.02724	1
ENSG0000	mucosal h	Inflamed	RASD1	protein_cc chr17	17397751	17399709	-	1748	765.8473	0	0.851921	0.29019	2.935729	0.004137	0.02724	1
ENSG0000	mucosal h	Inflamed	CITED4	protein_cc chr1	41326729	41328018	-	1290	151.6492	0	-0.67618	0.23034	-2.9356	0.004139	0.02724	1
ENSG0000	mucosal h	Inflamed	NXN	protein_cc chr17	702553	883010	-	5881	913.7589	0	-0.67379	0.229523	-2.93559	0.004139	0.02724	1
ENSG0000	mucosal h	Inflamed	RRN3P3	pseudoger chr16	22430090	22449036	-	3269	278.7017	0	0.44988	0.153256	2.935477	0.004141	0.02724	1
ENSG0000	mucosal h	Inflamed	AC116366	antisense chr5	1.32E+08	1.32E+08	-	999	10.95227	0.064439	-0.6376	0.217208	-2.93542	0.004141	0.02724	1
ENSG0000	mucosal h	Inflamed	RP11-375C	lincRNA chr9	82120719	82147257	-	2245	1.849642	0.572792	-0.52609	0.179221	-2.93541	0.004141	0.02724	1
ENSG0000	mucosal h	Inflamed	AC092594	lincRNA chr2	19167729	19546509	-	2963	6.553699	0.097852	0.53124	0.180999	2.935039	0.004146	0.027263	1
ENSG0000	mucosal h	Inflamed	HMGCL	protein_cc chr1	24128375	24165110	-	5658	1867.959	0	0.340185	0.115911	2.934876	0.004148	0.027269	1
ENSG0000	mucosal h	Inflamed	AEBP1	protein_cc chr7	44143960	44154161	+	4955	7456.258	0	-0.75412	0.256982	-2.93453	0.004152	0.027288	1
ENSG0000	mucosal h	Inflamed	DAP	protein_cc chr5	10679342	10761384	-	3361	7880.74	0	-0.20418	0.069581	-2.93447	0.004153	0.027288	1
ENSG0000	mucosal h	Inflamed	UQCRC1	protein_cc chr3	48636435	48648409	-	3236	9347.998	0	0.307848	0.104918	2.934171	0.004157	0.027306	1
ENSG0000	mucosal h	Inflamed	AC097724	antisense chr2	28931819	28959071	-	1438	8.77327	0.059666	0.49947	0.170242	2.933888	0.00416	0.027322	1
ENSG0000	mucosal h	Inflamed	RP4-555D	lincRNA chr3	44039573	44040641	-	1069	0.98568	0.763723	-0.43446	0.148093	-2.93372	0.004162	0.027325	1
ENSG0000	mucosal h	Inflamed	UBA52P6	pseudoger chr9	22012154	22012535	+	382	1.584726	0.558473	-0.40972	0.139662	-2.93368	0.004163	0.027325	1
ENSG0000	mucosal h	Inflamed	ADD3	protein_cc chr10	1.12E+08	1.12E+08	+	6541	3083.964	0	0.604823	0.206175	2.933539	0.004164	0.02733	1
ENSG0000	mucosal h	Inflamed	RP11-214k	lincRNA chr12	1.25E+08	1.25E+08	+	2835	7.267303	0.054893	0.448865	0.153024	2.933292	0.004167	0.027343	1
ENSG0000	mucosal h	Inflamed	RP11-470F	antisense chr9	72087382	72109429	+	442	3.286396	0.479714	0.448494	0.15291	2.933066	0.00417	0.027354	1
ENSG0000	mucosal h	Inflamed	TUBG1	protein_cc chr17	40761694	40767252	+	2411	1242.974	0	-0.24379	0.083127	-2.93279	0.004174	0.027369	1
ENSG0000	mucosal h	Inflamed	ACAA1	protein_cc chr3	38144620	38178733	-	7106	3972.422	0	0.270105	0.0921	2.932721	0.004175	0.027369	1
ENSG0000	mucosal h	Inflamed	STX3	protein_cc chr11	59480929	59573354	+	7624	3808.618	0	0.512575	0.174787	2.932568	0.004176	0.027374	1
ENSG0000	mucosal h	Inflamed	AVIL	protein_cc chr12	58191159	58212487	-	5889	560.1432	0	0.799683	0.272707	2.932392	0.004179	0.027382	1
ENSG0000	mucosal h	Inflamed	SULF2	protein_cc chr20	46285092	46415360	-	6657	7129.613	0	-0.35989	0.122737	-2.93221	0.004181	0.027389	1
ENSG0000	mucosal h	Inflamed	LRR8E	protein_cc chr19	7953390	7966901	+	4324	248.0453	0.002387	-0.49301	0.168168	-2.93167	0.004188	0.027421	1
ENSG0000	mucosal h	Inflamed	RP11-768F	lincRNA chr12	1.2E+08	1.2E+08	-	1013	4.988067	0.116945	-0.42289	0.144252	-2.93159	0.004188	0.027421	1
ENSG0000	mucosal h	Inflamed	TBC1D10C	protein_cc chr11	67171386	67177560	+	5010	1059.301	0	-0.66963	0.228421	-2.93157	0.004189	0.027421	1
ENSG0000	mucosal h	Inflamed	CDH16	protein_cc chr16	66942025	66952887	-	3656	16.66826	0.100239	0.959554	0.32736	2.931187	0.004193	0.027445	1
ENSG0000	mucosal h	Inflamed	KIF12	protein_cc chr9	1.17E+08	1.17E+08	-	2975	523.3079	0	0.628216	0.214353	2.930755	0.004199	0.027467	1
ENSG0000	mucosal h	Inflamed	PRDX1	protein_cc chr1	45976708	45988719	-	1522	6932.759	0	-0.3448	0.11765	-2.93075	0.004199	0.027467	1
ENSG0000	mucosal h	Inflamed	KCNJ9	protein_cc chr1	1.6E+08	1.6E+08	+	4170	2.441527	0.515513	0.457612	0.156162	2.930365	0.004204	0.027483	1

ENSG0000	mucosal h	Inflamed	UBE3B	protein_cc chr12	1.1E+08	1.1E+08	+	12450	3088.47	0	0.306302	0.104528	2.930341	0.004204	0.027483	1
ENSG0000	mucosal h	Inflamed	CLCA1	protein_cc chr1	86934051	86965972	+	3340	61617.5	0	1.754104	0.598608	2.930304	0.004204	0.027483	1
ENSG0000	mucosal h	Inflamed	RP11-384C	antisense chr1	2.13E+08	2.13E+08	+	496	1.491647	0.601432	0.432121	0.147471	2.930207	0.004206	0.027484	1
ENSG0000	mucosal h	Inflamed	RP3-323P1	antisense chr6	1.34E+08	1.34E+08	-	3783	29.51313	0.059666	0.904367	0.308671	2.929871	0.00421	0.027504	1
ENSG0000	mucosal h	Inflamed	RP11-143k	processed_chr17	71161116	71192732	+	588	1.114558	0.732697	0.351114	0.119849	2.92964	0.004213	0.027509	1
ENSG0000	mucosal h	Inflamed	RAB31	protein_cc chr18	9708162	9862548	+	5586	1963.344	0	-0.72926	0.248926	-2.92964	0.004213	0.027509	1
ENSG0000	mucosal h	Inflamed	TMEM246	protein_cc chr9	1.04E+08	1.04E+08	-	5568	1678.126	0	0.473106	0.161494	2.929562	0.004214	0.027509	1
ENSG0000	mucosal h	Inflamed	RTBDN	protein_cc chr19	12936292	12946242	-	2675	5.97136	0.178998	0.608957	0.20789	2.929228	0.004218	0.027529	1
ENSG0000	mucosal h	Inflamed	IRAK1	protein_cc chrX	1.53E+08	1.53E+08	-	4001	7374.635	0	-0.28357	0.096836	-2.92832	0.004229	0.027596	1
ENSG0000	mucosal h	Inflamed	SPARC	protein_cc chr5	1.51E+08	1.51E+08	-	4831	22410	0	-0.6994	0.238856	-2.9281	0.004232	0.027601	1
ENSG0000	mucosal h	Inflamed	RP11-542E	lincRNA chr12	67913609	67960906	+	2284	7.575179	0.28401	0.717351	0.244992	2.928053	0.004233	0.027601	1
ENSG0000	mucosal h	Inflamed	MIR3145	miRNA chr6	1.39E+08	1.39E+08	-	82	1.391408	0.649165	0.384728	0.131396	2.928007	0.004233	0.027601	1
ENSG0000	mucosal h	Inflamed	CCDC103	protein_cc chr17	42976510	42982758	+	3895	1.019093	0.75179	-0.3014	0.102945	-2.92781	0.004236	0.027605	1
ENSG0000	mucosal h	Inflamed	CLEC18B	protein_cc chr16	74442529	74455368	-	2610	14.90931	0.066826	0.609642	0.208226	2.92779	0.004236	0.027605	1
ENSG0000	mucosal h	Inflamed	CD1A	protein_cc chr1	1.58E+08	1.58E+08	+	2096	20.43675	0.069212	-0.7556	0.258114	-2.92739	0.004241	0.027631	1
ENSG0000	mucosal h	Inflamed	RAB17	protein_cc chr2	2.38E+08	2.39E+08	-	4783	1106.73	0	0.669561	0.228731	2.927291	0.004242	0.027632	1
ENSG0000	mucosal h	Inflamed	MT-TH	Mt_tRNA chrM	12138	12206	+	69	15.36516	0.076372	0.757757	0.25887	2.927173	0.004244	0.027635	1
ENSG0000	mucosal h	Inflamed	RP11-490k	pseudoger chr1	31736092	31736528	-	437	9.128878	0.140811	0.667093	0.227919	2.926884	0.004247	0.027652	1
ENSG0000	mucosal h	Inflamed	MYRFL	protein_cc chr12	70219084	70352877	+	3513	115.8115	0.016706	-1.24882	0.426811	-2.92594	0.004259	0.027722	1
ENSG0000	mucosal h	Inflamed	MYOM1	protein_cc chr18	3066805	3220106	-	6573	102.1098	0	0.526231	0.179866	2.925685	0.004262	0.027736	1
ENSG0000	mucosal h	Inflamed	PCAT6	antisense chr1	2.03E+08	2.03E+08	+	890	42.50597	0.002387	-0.37678	0.128805	-2.92516	0.004269	0.027772	1
ENSG0000	mucosal h	Inflamed	CMKLR1	protein_cc chr12	1.09E+08	1.09E+08	-	5690	1664.907	0	-0.46942	0.160496	-2.92479	0.004274	0.027796	1
ENSG0000	mucosal h	Inflamed	ABHD15	protein_cc chr17	27887565	27894155	-	3592	1189.489	0	0.301057	0.102952	2.924254	0.00428	0.027833	1
ENSG0000	mucosal h	Inflamed	ACADSB	protein_cc chr10	1.25E+08	1.25E+08	+	6256	846.4606	0	0.619469	0.211844	2.924179	0.004281	0.027833	1
ENSG0000	mucosal h	Inflamed	GRIP1	protein_cc chr12	66741211	67197966	-	6378	78.75179	0.004773	0.637373	0.217997	2.923764	0.004287	0.02786	1
ENSG0000	mucosal h	Inflamed	NCR3LG1	protein_cc chr11	17373273	17398888	+	6438	720.0597	0.011933	0.815888	0.279152	2.922736	0.0043	0.027938	1
ENSG0000	mucosal h	Inflamed	NXPE2P1	pseudoger chr11	1.14E+08	1.14E+08	-	726	1.00716	0.78043	0.413537	0.141506	2.922395	0.004304	0.027959	1
ENSG0000	mucosal h	Inflamed	CTD-2184C	antisense chr14	60706839	60715483	-	3154	10.76134	0.078759	0.594949	0.203591	2.922273	0.004305	0.027962	1
ENSG0000	mucosal h	Inflamed	CPEB3	protein_cc chr10	93806449	94050844	-	7895	312.8329	0.00716	0.636174	0.217714	2.922061	0.004308	0.027972	1
ENSG0000	mucosal h	Inflamed	TNS4	protein_cc chr17	38632080	38657849	-	4847	1798.506	0	-0.92924	0.318023	-2.92194	0.00431	0.027972	1
ENSG0000	mucosal h	Inflamed	GJA1	protein_cc chr6	1.22E+08	1.22E+08	+	3037	1675.501	0	-0.79697	0.272758	-2.9219	0.00431	0.027972	1
ENSG0000	mucosal h	Inflamed	KLHDC2	protein_cc chr14	50234326	50249909	+	3647	1402.337	0	0.322392	0.11036	2.921285	0.004318	0.028011	1
ENSG0000	mucosal h	Inflamed	C3orf36	protein_cc chr3	1.34E+08	1.34E+08	-	1665	65.07876	0.019093	-0.70035	0.239748	-2.92119	0.004319	0.028011	1
ENSG0000	mucosal h	Inflamed	RP11-337C	antisense chr1	1.47E+08	1.47E+08	+	2139	45.20525	0.02148	0.660259	0.226025	2.921176	0.004319	0.028011	1
ENSG0000	mucosal h	Inflamed	SPDEF	protein_cc chr6	34505579	34524110	-	1914	2374.78	0	0.791098	0.270826	2.921054	0.004321	0.028014	1
ENSG0000	mucosal h	Inflamed	RP11-38J2	lincRNA chr1	2.06E+08	2.06E+08	-	965	30.51313	0.016706	-0.78312	0.268115	-2.92083	0.004324	0.028026	1
ENSG0000	mucosal h	Inflamed	LTB	protein_cc chr6	31548302	31550299	-	1535	972.2053	0	-0.77228	0.264429	-2.92057	0.004327	0.028041	1
ENSG0000	mucosal h	Inflamed	DYRK2	protein_cc chr12	68042118	68059186	+	9494	3665.859	0	0.625482	0.214182	2.920334	0.00433	0.028053	1
ENSG0000	mucosal h	Inflamed	PIM1	protein_cc chr6	37137979	37143202	+	2977	2560.971	0	-0.42204	0.14453	-2.9201	0.004333	0.028062	1
ENSG0000	mucosal h	Inflamed	RP11-439E	lincRNA chr1	2.47E+08	2.47E+08	+	2968	23.19332	0.054893	0.715137	0.244905	2.920062	0.004334	0.028062	1

ENSG0000	mucosal h	Inflamed	FDCSP	protein_cc chr4	71091788	71100969	+	566	412.1241	0.069212	-1.62005	0.554853	-2.91979	0.004337	0.028072	1
ENSG0000	mucosal h	Inflamed	RP11-320M	pseudoger chr12	4218827	4227298	-	865	10.52506	0.054893	-0.6498	0.222551	-2.91977	0.004337	0.028072	1
ENSG0000	mucosal h	Inflamed	CATSPERG	protein_cc chr19	38826415	38861589	+	9283	93.86396	0.002387	0.418887	0.143487	2.919339	0.004343	0.028101	1
ENSG0000	mucosal h	Inflamed	RN7SL130I	misc_RNA chr1	64121414	64121716	+	303	6.381862	0.169451	0.578343	0.198124	2.919097	0.004346	0.028114	1
ENSG0000	mucosal h	Inflamed	GBP7	protein_cc chr1	89597434	89641723	-	2454	3.064439	0.49642	-0.53064	0.181805	-2.91874	0.004351	0.028137	1
ENSG0000	mucosal h	Inflamed	RNF166	protein_cc chr16	88762903	88772829	-	4394	1087.597	0	-0.48349	0.165664	-2.91852	0.004353	0.028148	1
ENSG0000	mucosal h	Inflamed	NXPE2	protein_cc chr11	1.15E+08	1.15E+08	+	3126	275.778	0.004773	1.073455	0.367824	2.918393	0.004355	0.028149	1
ENSG0000	mucosal h	Inflamed	RNASE6	protein_cc chr14	21249210	21250626	+	1061	605.1647	0	-0.52071	0.178426	-2.91834	0.004356	0.028149	1
ENSG0000	mucosal h	Inflamed	RAB44	protein_cc chr6	36683256	36699870	+	2747	79.7327	0.009547	-0.67131	0.230045	-2.91816	0.004358	0.028158	1
ENSG0000	mucosal h	Inflamed	TRBC2	TR_C_gene chr7	1.42E+08	1.43E+08	+	758	2177.375	0	-0.61815	0.21185	-2.91788	0.004362	0.028174	1
ENSG0000	mucosal h	Inflamed	VIL1	protein_cc chr2	2.19E+08	2.19E+08	+	6920	13172.8	0	0.938232	0.321577	2.917597	0.004365	0.02819	1
ENSG0000	mucosal h	Inflamed	EIF3J-AS1	lincRNA chr15	44819455	44829121	-	3330	153.8663	0	0.421491	0.144474	2.917414	0.004368	0.028194	1
ENSG0000	mucosal h	Inflamed	C10orf55	protein_cc chr10	75669727	75682535	-	2514	13.19809	0.031026	-0.63713	0.218397	-2.9173	0.004369	0.028194	1
ENSG0000	mucosal h	Inflamed	IGLV4-60	IG_V_gene chr22	22516592	22517074	+	362	1038.854	0.009547	-1.29614	0.444296	-2.9173	0.004369	0.028194	1
ENSG0000	mucosal h	Inflamed	LRR2	protein_cc chr3	46556913	46621589	-	5622	53.60859	0.01432	0.735059	0.252013	2.91675	0.004376	0.028233	1
ENSG0000	mucosal h	Inflamed	EHMT2-AS	antisense chr6	31851538	31851831	+	223	14.43198	0.109785	0.788964	0.270544	2.91621	0.004383	0.028271	1
ENSG0000	mucosal h	Inflamed	AC140481	pseudoger chr2	1.31E+08	1.31E+08	+	1722	2.460621	0.486874	0.571204	0.195882	2.916069	0.004385	0.028276	1
ENSG0000	mucosal h	Inflamed	RNF208	protein_cc chr9	1.4E+08	1.4E+08	-	1142	135.0692	0	0.401492	0.137705	2.915604	0.004391	0.028308	1
ENSG0000	mucosal h	Inflamed	ZFAND2B	protein_cc chr2	2.2E+08	2.2E+08	+	3396	1356.561	0	0.243495	0.083518	2.915461	0.004393	0.028313	1
ENSG0000	mucosal h	Inflamed	MUC16	protein_cc chr19	8959520	9092018	-	43830	47.15513	0.169451	-1.16737	0.400428	-2.91532	0.004395	0.028318	1
ENSG0000	mucosal h	Inflamed	COX6B2	protein_cc chr19	55860674	55866182	-	3815	245.9857	0.002387	0.706616	0.242417	2.914876	0.0044	0.028348	1
ENSG0000	mucosal h	Inflamed	NOS3	protein_cc chr7	1.51E+08	1.51E+08	+	5953	825.685	0	-0.78844	0.270517	-2.91458	0.004404	0.028365	1
ENSG0000	mucosal h	Inflamed	ETFB	protein_cc chr19	51848423	51869672	-	6526	1448.42	0	0.237546	0.08151	2.914321	0.004408	0.02838	1
ENSG0000	mucosal h	Inflamed	RP4-536B2	lincRNA chr16	87807094	87812980	-	802	1.417661	0.644391	-0.4327	0.148492	-2.91396	0.004412	0.028403	1
ENSG0000	mucosal h	Inflamed	WASL	protein_cc chr7	1.23E+08	1.23E+08	-	4435	3789.232	0	0.579314	0.198816	2.913813	0.004414	0.028409	1
ENSG0000	mucosal h	Inflamed	ZNF684	protein_cc chr1	40997233	41013841	+	3039	84.68974	0	0.557074	0.191195	2.913637	0.004417	0.028417	1
ENSG0000	mucosal h	Inflamed	RP11-342M	antisense chr1	43300352	43312093	-	1617	8.408115	0.033413	-0.51493	0.176742	-2.91344	0.004419	0.028426	1
ENSG0000	mucosal h	Inflamed	PDXP	protein_cc chr22	38054734	38062941	+	2203	101.6683	0	0.477653	0.163953	2.913353	0.00442	0.028426	1
ENSG0000	mucosal h	Inflamed	KCNV1	protein_cc chr8	1.11E+08	1.11E+08	-	6979	58.43675	0.116945	1.047586	0.359609	2.913126	0.004423	0.028438	1
ENSG0000	mucosal h	Inflamed	GNA11	protein_cc chr19	3094408	3124002	+	6242	13821.31	0	0.523792	0.179815	2.912953	0.004425	0.028446	1
ENSG0000	mucosal h	Inflamed	IL16	protein_cc chr15	81451916	81605104	+	10875	2563.768	0	-0.5922	0.203373	-2.91188	0.004439	0.028529	1
ENSG0000	mucosal h	Inflamed	TMEM88	protein_cc chr17	7758383	7759417	+	875	95.45346	0	-0.43043	0.147823	-2.91179	0.004441	0.02853	1
ENSG0000	mucosal h	Inflamed	RP11-1391	antisense chr11	856880	859795	-	2061	5.338902	0.167064	0.542435	0.186321	2.911289	0.004447	0.028565	1
ENSG0000	mucosal h	Inflamed	MT-TS1	Mt_tRNA chrM	7446	7514	-	69	33.23866	0.042959	0.66898	0.229797	2.911184	0.004449	0.028567	1
ENSG0000	mucosal h	Inflamed	AMER2	protein_cc chr13	25735822	25746426	-	10605	3.031026	0.568019	-0.68847	0.236506	-2.91101	0.004451	0.028574	1
ENSG0000	mucosal h	Inflamed	CTD-2184I	antisense chr15	52348872	52392720	-	635	0.899761	0.792363	-0.42703	0.146702	-2.91085	0.004453	0.028581	1
ENSG0000	mucosal h	Inflamed	RP11-46A1	antisense chr1	1.81E+08	1.81E+08	-	2424	26.03341	0.02148	0.504482	0.173317	2.91075	0.004454	0.028582	1
ENSG0000	mucosal h	Inflamed	CD300LB	protein_cc chr17	72517313	72527613	-	2720	103.2888	0.002387	-0.66936	0.23	-2.91024	0.004461	0.028618	1
ENSG0000	mucosal h	Inflamed	STYK1	protein_cc chr12	10771538	10826917	-	3424	698.9332	0	0.741508	0.254836	2.909745	0.004467	0.028653	1
ENSG0000	mucosal h	Inflamed	ARG2	protein_cc chr14	68086515	68118437	+	2418	99.99523	0	-0.63669	0.218829	-2.90955	0.00447	0.028662	1

ENSG0000	mucosal h	Inflamed	RP11-379k	pseudoger	chr3	1.7E+08	1.7E+08	+	708	0.983294	0.75179	0.375432	0.129044	2.909344	0.004473	0.028673	1
ENSG0000	mucosal h	Inflamed	FAR2	protein_cc	chr12	29302036	29493913	+	5411	1459.234	0	0.546227	0.187763	2.909128	0.004476	0.028684	1
ENSG0000	mucosal h	Inflamed	PDHA1	protein_cc	chrX	19362011	19379823	+	4493	3532.363	0	0.356382	0.122526	2.908618	0.004482	0.02872	1
ENSG0000	mucosal h	Inflamed	WRNIP1	protein_cc	chr6	2765648	2787186	+	3877	1834.189	0	0.241135	0.082921	2.907998	0.00449	0.028766	1
ENSG0000	mucosal h	Inflamed	PTGES3L	protein_cc	chr17	41120105	41132545	-	2951	37.05489	0	0.351715	0.120956	2.907789	0.004493	0.028776	1
ENSG0000	mucosal h	Inflamed	DEPDC5	protein_cc	chr22	32149944	32303012	+	8587	946.9952	0	0.370161	0.127327	2.907167	0.004501	0.028816	1
ENSG0000	mucosal h	Inflamed	SAA2-SAA2	processed	chr11	18252970	18270182	-	743	1.849642	0.642005	-0.5535	0.190394	-2.90716	0.004502	0.028816	1
ENSG0000	mucosal h	Inflamed	LINC00539	lincRNA	chr13	21877654	21922860	-	1859	12.46301	0.019093	-0.61157	0.210385	-2.90692	0.004505	0.028826	1
ENSG0000	mucosal h	Inflamed	ETFDH	protein_cc	chr4	1.6E+08	1.6E+08	+	4493	1232.37	0	0.50948	0.175267	2.906874	0.004505	0.028826	1
ENSG0000	mucosal h	Inflamed	DTNB	protein_cc	chr2	25600067	25896503	-	7156	202.3174	0	-0.34957	0.120301	-2.9058	0.00452	0.02891	1
ENSG0000	mucosal h	Inflamed	GPRC5B	protein_cc	chr16	19868616	19897489	-	6064	785.6587	0	-0.61965	0.213324	-2.90477	0.004533	0.028985	1
ENSG0000	mucosal h	Inflamed	CLSTN2	protein_cc	chr3	1.4E+08	1.4E+08	+	14596	194.8473	0.009547	0.841556	0.289717	2.904746	0.004534	0.028985	1
ENSG0000	mucosal h	Inflamed	RP11-6771	antisense	chr11	1.25E+08	1.25E+08	+	4854	42.55609	0.016706	0.711984	0.245164	2.904109	0.004542	0.029033	1
ENSG0000	mucosal h	Inflamed	TMEM132	protein_cc	chr12	1.3E+08	1.3E+08	-	7075	13.3222	0.095465	0.746681	0.257178	2.903363	0.004552	0.029089	1
ENSG0000	mucosal h	Inflamed	CXCR2P1	pseudoger	chr2	2.19E+08	2.19E+08	-	2503	187.5084	0	-0.85941	0.296031	-2.9031	0.004556	0.029098	1
ENSG0000	mucosal h	Inflamed	TPD52L2	protein_cc	chr20	62496596	62522898	+	4679	4273.031	0	-0.21088	0.072638	-2.9031	0.004556	0.029098	1
ENSG0000	mucosal h	Inflamed	ABCG4	protein_cc	chr11	1.19E+08	1.19E+08	+	6268	17.40334	0.033413	-0.61588	0.212191	-2.90247	0.004564	0.029145	1
ENSG0000	mucosal h	Inflamed	STON2	protein_cc	chr14	81727000	81902809	-	6675	206.1551	0	0.575175	0.198198	2.902023	0.00457	0.029172	1
ENSG0000	mucosal h	Inflamed	C6orf203	protein_cc	chr6	1.07E+08	1.07E+08	+	2046	484.9141	0	0.3386	0.11668	2.90196	0.004571	0.029172	1
ENSG0000	mucosal h	Inflamed	PARVG	protein_cc	chr22	44568836	44615413	+	8677	1116.136	0	-0.60472	0.208393	-2.90183	0.004573	0.029172	1
ENSG0000	mucosal h	Inflamed	AC090587	antisense	chr11	3875548	3876739	-	494	7.642005	0.02148	-0.39932	0.13761	-2.90182	0.004573	0.029172	1
ENSG0000	mucosal h	Inflamed	DPYSL4	protein_cc	chr10	1.34E+08	1.34E+08	+	3176	36.4105	0.045346	-0.90706	0.312678	-2.90092	0.004585	0.029242	1
ENSG0000	mucosal h	Inflamed	CNPY3	protein_cc	chr6	42896938	42907025	+	1704	1789.208	0	-0.32588	0.11236	-2.90034	0.004593	0.029281	1
ENSG0000	mucosal h	Inflamed	MOV10L1	protein_cc	chr22	50528308	50600119	+	6872	29.83532	0.088305	-0.95612	0.329661	-2.9003	0.004593	0.029281	1
ENSG0000	mucosal h	Inflamed	HRCT1	protein_cc	chr9	35906189	35907138	+	950	598.8807	0	0.841385	0.290113	2.900198	0.004595	0.029283	1
ENSG0000	mucosal h	Inflamed	LRRK2	protein_cc	chr12	40590546	40763087	+	13465	318.2888	0.002387	-0.92475	0.318888	-2.89993	0.004598	0.029299	1
ENSG0000	mucosal h	Inflamed	DAB2IP	protein_cc	chr9	1.24E+08	1.25E+08	+	8408	8616.451	0	0.453287	0.15633	2.899555	0.004603	0.029324	1
ENSG0000	mucosal h	Inflamed	CMBL	protein_cc	chr5	10275987	10308138	-	3324	4405.444	0	0.655075	0.225976	2.898866	0.004613	0.029376	1
ENSG0000	mucosal h	Inflamed	GRM7	protein_cc	chr3	6811688	7783215	+	8209	4.529833	0.221957	0.519081	0.179076	2.898661	0.004615	0.029387	1
ENSG0000	mucosal h	Inflamed	AKAP5	protein_cc	chr14	64932217	64941221	+	7512	404.5179	0	0.779846	0.269044	2.898578	0.004617	0.029387	1
ENSG0000	mucosal h	Inflamed	FCRL2	protein_cc	chr1	1.58E+08	1.58E+08	-	5058	416.4081	0	-0.99977	0.344985	-2.89801	0.004624	0.029429	1
ENSG0000	mucosal h	Inflamed	AICDA	protein_cc	chr12	8754762	8765467	-	3115	23	0.310263	-1.19894	0.413763	-2.89765	0.004629	0.029452	1
ENSG0000	mucosal h	Inflamed	GGH	protein_cc	chr8	63927638	63951730	-	3130	920.9618	0	0.467313	0.161277	2.897577	0.00463	0.029452	1
ENSG0000	mucosal h	Inflamed	COL1A2	protein_cc	chr7	94023873	94060544	+	11151	40900	0	-0.79677	0.274995	-2.89741	0.004632	0.029456	1
ENSG0000	mucosal h	Inflamed	PPP2R3A	protein_cc	chr3	1.36E+08	1.36E+08	+	7839	363.0406	0.002387	0.802366	0.27693	2.897363	0.004633	0.029456	1
ENSG0000	mucosal h	Inflamed	AKR1D1	protein_cc	chr7	1.38E+08	1.38E+08	+	3093	4.300716	0.329356	-0.57607	0.198845	-2.89707	0.004637	0.029464	1
ENSG0000	mucosal h	Inflamed	CTD-2541f	antisense	chr8	6475996	6565730	-	3046	14.88783	0.047733	0.556653	0.192145	2.897052	0.004637	0.029464	1
ENSG0000	mucosal h	Inflamed	GPN2	protein_cc	chr1	27202624	27216788	-	4979	1391.334	0	0.167121	0.057687	2.89703	0.004638	0.029464	1
ENSG0000	mucosal h	Inflamed	PCDH19	protein_cc	chrX	99546642	99665271	-	9756	277.6897	0.002387	0.922765	0.31854	2.896855	0.00464	0.029472	1
ENSG0000	mucosal h	Inflamed	ARHGEF28	protein_cc	chr5	72921983	73237818	+	15617	433.6826	0	0.514865	0.17776	2.896404	0.004646	0.029504	1

ENSG0000	mucosal h	Inflamed	XKR5	processed_chr8	6666038	6693166	-	5032	3.875895	0.360382	-0.60253	0.208073	-2.89577	0.004655	0.029552	1
ENSG0000	mucosal h	Inflamed	CRIP2	protein_cc chr14	1.06E+08	1.06E+08	+	4829	1600.06	0	-0.66991	0.231363	-2.89547	0.004659	0.02957	1
ENSG0000	mucosal h	Inflamed	F2R	protein_cc chr5	76011868	76031606	+	4066	1654.344	0	-0.61289	0.211683	-2.89531	0.004661	0.029577	1
ENSG0000	mucosal h	Inflamed	CEBPD	protein_cc chr8	48649471	48651648	-	2178	2404.036	0	-0.52045	0.179772	-2.89502	0.004665	0.029595	1
ENSG0000	mucosal h	Inflamed	APOBR	protein_cc chr16	28505970	28510291	+	3792	7096.74	0	0.434465	0.150078	2.894929	0.004666	0.029596	1
ENSG0000	mucosal h	Inflamed	PTCRA	protein_cc chr6	42883727	42893573	+	1123	9.346062	0.047733	-0.63031	0.217746	-2.89468	0.00467	0.02961	1
ENSG0000	mucosal h	Inflamed	FN3K	protein_cc chr17	80693451	80709073	+	3872	930.432	0	0.545105	0.188321	2.894554	0.004671	0.029614	1
ENSG0000	mucosal h	Inflamed	INADL	protein_cc chr1	62208149	62629592	+	11456	1918.893	0	0.662114	0.228823	2.89356	0.004685	0.029693	1
ENSG0000	mucosal h	Inflamed	RP11-181E	lincRNA chr2	1.12E+08	1.12E+08	-	1482	5.157518	0.362768	-0.68123	0.235448	-2.89333	0.004688	0.029706	1
ENSG0000	mucosal h	Inflamed	RFX6	protein_cc chr6	1.17E+08	1.17E+08	+	4093	30.11933	0.054893	0.946449	0.327138	2.893122	0.004691	0.029717	1
ENSG0000	mucosal h	Inflamed	LGALS1	protein_cc chr22	38071615	38075813	+	1099	3500.754	0	-0.68799	0.237813	-2.89301	0.004693	0.02972	1
ENSG0000	mucosal h	Inflamed	EIF4E2	protein_cc chr2	2.33E+08	2.33E+08	+	7177	2891.222	0	0.261996	0.090569	2.892763	0.004696	0.029734	1
ENSG0000	mucosal h	Inflamed	TRAM2	protein_cc chr6	52362200	52441713	-	6908	6144.842	0	-0.42444	0.146742	-2.89241	0.004701	0.029751	1
ENSG0000	mucosal h	Inflamed	RP11-84G	antisense chr12	80328681	80334448	+	1190	12.75895	0.052506	0.59012	0.204025	2.892382	0.004701	0.029751	1
ENSG0000	mucosal h	Inflamed	CTSV	protein_cc chr9	99794940	99801925	-	1721	112.4368	0.004773	0.949903	0.328431	2.892247	0.004703	0.029751	1
ENSG0000	mucosal h	Inflamed	GUCY2C	protein_cc chr12	14765576	14849519	-	4167	2425.296	0	0.909927	0.31461	2.892241	0.004703	0.029751	1
ENSG0000	mucosal h	Inflamed	ERGIC1	protein_cc chr5	1.72E+08	1.72E+08	+	14139	13711.26	0	0.240124	0.083026	2.892142	0.004704	0.029752	1
ENSG0000	mucosal h	Inflamed	MRPL55	protein_cc chr1	2.28E+08	2.28E+08	-	1886	625.7924	0	-0.2725	0.094228	-2.89188	0.004708	0.029768	1
ENSG0000	mucosal h	Inflamed	IL22	protein_cc chr12	68642022	68647387	-	1175	8.892601	0.460621	-0.9018	0.311863	-2.89167	0.004711	0.029773	1
ENSG0000	mucosal h	Inflamed	MTM1	protein_cc chrX	1.5E+08	1.5E+08	+	4048	902.1169	0	0.698654	0.24161	2.89166	0.004711	0.029773	1
ENSG0000	mucosal h	Inflamed	LINC00565	lincRNA chr13	1.15E+08	1.15E+08	-	2331	10.31504	0.174224	-0.70235	0.242969	-2.89071	0.004724	0.02983	1
ENSG0000	mucosal h	Inflamed	FAM219B	protein_cc chr15	75192328	75199462	-	5258	2006.064	0	0.319496	0.110526	2.890676	0.004725	0.02983	1
ENSG0000	mucosal h	Inflamed	OMP	protein_cc chr11	76813886	76814377	+	492	36.95704	0.02148	0.695798	0.240713	2.890573	0.004726	0.02983	1
ENSG0000	mucosal h	Inflamed	PPT1	protein_cc chr1	40538379	40563375	-	3304	2280.064	0	-0.44798	0.15498	-2.89055	0.004726	0.02983	1
ENSG0000	mucosal h	Inflamed	LINC00242	lincRNA chr6	1.7E+08	1.7E+08	-	2418	17.03819	0.026253	-0.55298	0.191309	-2.89052	0.004727	0.02983	1
ENSG0000	mucosal h	Inflamed	CAPN2	protein_cc chr1	2.24E+08	2.24E+08	+	8792	15528.97	0	0.394191	0.136375	2.890498	0.004727	0.02983	1
ENSG0000	mucosal h	Inflamed	AF127577	lincRNA chr21	16439391	16440158	+	446	0.804296	0.782816	0.265828	0.091968	2.89043	0.004728	0.02983	1
ENSG0000	mucosal h	Inflamed	FAM83F	protein_cc chr22	40390953	40439533	+	16389	2579.544	0	0.747135	0.258494	2.890341	0.004729	0.029831	1
ENSG0000	mucosal h	Inflamed	OCEL1	protein_cc chr19	17337013	17340028	+	1867	986.3484	0	0.304618	0.105402	2.890063	0.004733	0.029848	1
ENSG0000	mucosal h	Inflamed	LEF1-AS1	processed_chr4	1.09E+08	1.09E+08	+	4799	9.637232	0.059666	-0.49685	0.171929	-2.88982	0.004737	0.029862	1
ENSG0000	mucosal h	Inflamed	MIR155HC	lincRNA chr21	26934221	26947480	+	1600	91.08831	0	-0.86055	0.297795	-2.88973	0.004738	0.029863	1
ENSG0000	mucosal h	Inflamed	AC009014	lincRNA chr5	1.36E+08	1.36E+08	-	1667	383.8926	0.009547	0.964421	0.333829	2.888969	0.004748	0.029922	1
ENSG0000	mucosal h	Inflamed	LINC01004	antisense chr7	1.05E+08	1.05E+08	-	1131	88.71838	0.002387	0.80889	0.280024	2.888646	0.004753	0.029944	1
ENSG0000	mucosal h	Inflamed	SNCG	protein_cc chr10	88718375	88723017	+	1247	71.61098	0.002387	-0.68199	0.236205	-2.88728	0.004772	0.030053	1
ENSG0000	mucosal h	Inflamed	CLEC1A	protein_cc chr12	10222153	10264226	-	3169	93.96181	0.004773	-0.65865	0.228131	-2.88717	0.004773	0.030053	1
ENSG0000	mucosal h	Inflamed	IL10	protein_cc chr1	2.07E+08	2.07E+08	-	1978	50.62053	0	-0.67504	0.23381	-2.88714	0.004774	0.030053	1
ENSG0000	mucosal h	Inflamed	AC046143	antisense chr3	1.94E+08	1.94E+08	+	972	43.7494	0	0.461203	0.159748	2.887072	0.004775	0.030053	1
ENSG0000	mucosal h	Inflamed	ZC3H12B	protein_cc chrX	64708615	64727767	+	7256	99.06921	0.009547	0.682199	0.236332	2.886608	0.004781	0.030087	1
ENSG0000	mucosal h	Inflamed	GIMAP6	protein_cc chr7	1.5E+08	1.5E+08	-	3440	1309.986	0	-0.49654	0.172028	-2.88637	0.004785	0.0301	1
ENSG0000	mucosal h	Inflamed	CTD-2192J	sense_intr chr19	12640582	12643787	-	533	4.937947	0.210024	0.530017	0.18366	2.885853	0.004792	0.030127	1

ENSG0000	mucosal h	Inflamed	MAK	protein_cc chr6	10762956	10838764	-	4378	7.840095	0.348449	-0.93634	0.32446	-2.88584	0.004792	0.030127	1
ENSG0000	mucosal h	Inflamed	RAB3IP	protein_cc chr12	70132461	70216984	+	12612	634.7017	0	0.526297	0.182375	2.885798	0.004793	0.030127	1
ENSG0000	mucosal h	Inflamed	IGHEP1	IG_C_pseu chr14	1.06E+08	1.06E+08	-	745	1.892601	0.630072	-0.49624	0.171964	-2.88572	0.004794	0.030127	1
ENSG0000	mucosal h	Inflamed	ASAP2	protein_cc chr2	9346894	9545812	+	7248	2953.921	0	0.576874	0.19991	2.885663	0.004795	0.030127	1
ENSG0000	mucosal h	Inflamed	KIAA1958	protein_cc chr9	1.15E+08	1.15E+08	+	13119	266.2482	0.002387	0.497726	0.1725	2.885365	0.004799	0.030146	1
ENSG0000	mucosal h	Inflamed	IGHJ6	IG_J_gene chr14	1.06E+08	1.06E+08	-	61	263.58	0.011933	-1.00198	0.347401	-2.88422	0.004815	0.03024	1
ENSG0000	mucosal h	Inflamed	CHIA	protein_cc chr1	1.12E+08	1.12E+08	+	4632	1.324582	0.756563	-0.46497	0.16126	-2.88336	0.004827	0.030302	1
ENSG0000	mucosal h	Inflamed	BRSK1	protein_cc chr19	55793440	55823901	+	3841	134.9666	0	-0.64986	0.225383	-2.88336	0.004827	0.030302	1
ENSG0000	mucosal h	Inflamed	AC069154	pseudoger chr2	1.2E+08	1.2E+08	+	548	0.863962	0.797136	0.32205	0.111696	2.883258	0.004828	0.030303	1
ENSG0000	mucosal h	Inflamed	RP11-550A	antisense chr8	1.26E+08	1.26E+08	-	722	2.601432	0.494033	0.595148	0.206427	2.883089	0.004831	0.030304	1
ENSG0000	mucosal h	Inflamed	MSRB1	protein_cc chr16	1988211	1993327	-	2157	1192.236	0	-0.41236	0.143029	-2.88308	0.004831	0.030304	1
ENSG0000	mucosal h	Inflamed	C12orf55	protein_cc chr12	96883349	97269333	+	12719	40.63484	0.009547	-0.79214	0.274807	-2.88251	0.004839	0.030344	1
ENSG0000	mucosal h	Inflamed	CTB-25B1	processed chr19	1457664	1462764	-	982	240.1408	0	0.401387	0.139251	2.882474	0.00484	0.030344	1
ENSG0000	mucosal h	Inflamed	RP11-264E	lincRNA chr11	1.28E+08	1.28E+08	-	1157	2.658711	0.582339	-0.6992	0.242633	-2.88171	0.00485	0.030403	1
ENSG0000	mucosal h	Inflamed	ECH1	protein_cc chr19	39306062	39322645	-	2467	3824.642	0	0.313056	0.108638	2.881647	0.004851	0.030403	1
ENSG0000	mucosal h	Inflamed	CACFD1	protein_cc chr9	1.36E+08	1.36E+08	+	3518	3211.857	0	0.44153	0.153257	2.880972	0.004861	0.030456	1
ENSG0000	mucosal h	Inflamed	CTD-2611	sense_intr chr19	56220529	56220899	+	371	5.374702	0.288783	0.627572	0.217843	2.880842	0.004863	0.03046	1
ENSG0000	mucosal h	Inflamed	FLOT1	protein_cc chr6	30695486	30710510	-	3186	5117.547	0	-0.21887	0.075988	-2.88035	0.00487	0.030486	1
ENSG0000	mucosal h	Inflamed	FAM177A	protein_cc chr14	35514113	35582336	+	8383	1688.554	0	0.340647	0.118268	2.880309	0.00487	0.030486	1
ENSG0000	mucosal h	Inflamed	UGDH	protein_cc chr4	39500375	39529931	-	4045	3861.878	0	0.57253	0.198774	2.880306	0.00487	0.030486	1
ENSG0000	mucosal h	Inflamed	RP11-383C	sense_intr chr10	1.27E+08	1.27E+08	-	300	1.665871	0.579952	0.438656	0.152301	2.880183	0.004872	0.03049	1
ENSG0000	mucosal h	Inflamed	LMO4	protein_cc chr1	87794151	87814606	+	5833	1948.279	0	-0.32173	0.111712	-2.87996	0.004875	0.030502	1
ENSG0000	mucosal h	Inflamed	RGS4	protein_cc chr1	1.63E+08	1.63E+08	+	4836	76.06921	0.019093	-0.98971	0.343762	-2.87906	0.004888	0.030569	1
ENSG0000	mucosal h	Inflamed	NBR1	protein_cc chr17	41322498	41363708	+	8424	6115.802	0	0.442232	0.153605	2.879011	0.004889	0.030569	1
ENSG0000	mucosal h	Inflamed	ITGAM	protein_cc chr16	31271311	31344213	+	5665	1034.296	0	-0.746	0.259119	-2.87896	0.004889	0.030569	1
ENSG0000	mucosal h	Inflamed	TIGIT	protein_cc chr3	1.14E+08	1.14E+08	+	6091	286.3126	0	-0.72552	0.252055	-2.87842	0.004897	0.030611	1
ENSG0000	mucosal h	Inflamed	SCML2	protein_cc chrX	18257434	18372847	-	4368	46.25298	0.016706	0.574441	0.199583	2.878207	0.0049	0.030623	1
ENSG0000	mucosal h	Inflamed	WBSCR27	protein_cc chr7	73248920	73256865	-	1469	104.2005	0	0.522423	0.181521	2.878035	0.004903	0.030631	1
ENSG0000	mucosal h	Inflamed	MTND1P2	pseudoger chr1	564442	564813	+	372	1429.979	0	0.514652	0.178827	2.877925	0.004904	0.030633	1
ENSG0000	mucosal h	Inflamed	AF011889	lincRNA chrX	1.49E+08	1.49E+08	-	655	18.00239	0.095465	0.782564	0.271958	2.877518	0.00491	0.030662	1
ENSG0000	mucosal h	Inflamed	TST	protein_cc chr22	37406900	37415681	-	1915	7512.582	0	0.542392	0.188503	2.877367	0.004912	0.030669	1
ENSG0000	mucosal h	Inflamed	EPHX3	protein_cc chr19	15337730	15344246	-	2034	44.76134	0	-0.78229	0.27189	-2.87724	0.004914	0.030673	1
ENSG0000	mucosal h	Inflamed	NXT1	protein_cc chr20	23331373	23335414	+	1123	340.5251	0	-0.32033	0.111402	-2.8754	0.004941	0.030827	1
ENSG0000	mucosal h	Inflamed	ABHD17C	protein_cc chr15	80972025	81047962	+	3627	5575.017	0	0.489366	0.170197	2.875286	0.004942	0.030827	1
ENSG0000	mucosal h	Inflamed	C6orf222	protein_cc chr6	36283534	36304662	-	3736	807.4702	0	0.831351	0.289138	2.875274	0.004942	0.030827	1
ENSG0000	mucosal h	Inflamed	DERA	protein_cc chr12	16064106	16190220	+	2848	1098.217	0	0.362708	0.126165	2.874865	0.004948	0.030855	1
ENSG0000	mucosal h	Inflamed	ASGR1	protein_cc chr17	7076750	7082883	-	3748	31.24344	0.002387	-0.50292	0.174942	-2.8748	0.004949	0.030855	1
ENSG0000	mucosal h	Inflamed	TPRN	protein_cc chr9	1.4E+08	1.4E+08	-	5338	4647.387	0	0.554134	0.192798	2.874167	0.004958	0.030905	1
ENSG0000	mucosal h	Inflamed	UGT1A4	protein_cc chr2	2.35E+08	2.35E+08	+	2522	2.400955	0.682578	0.528798	0.183993	2.874009	0.004961	0.030912	1
ENSG0000	mucosal h	Inflamed	DPEP1	protein_cc chr16	89679716	89704839	+	2712	717.9499	0	-0.96234	0.334862	-2.87383	0.004963	0.03092	1

ENSG0000	mucosal h	Inflamed	AL357673.	protein_cc chr1	54635333	54637997	-	2665	177.389	0	0.538273	0.187317	2.87359	0.004967	0.030931	1
ENSG0000	mucosal h	Inflamed	SKAP1	protein_cc chr17	46210802	46507637	-	2648	237.0239	0	-0.44621	0.155281	-2.87356	0.004967	0.030931	1
ENSG0000	mucosal h	Inflamed	AC078883	antisense chr2	1.73E+08	1.73E+08	-	1077	22.43198	0.011933	-0.56451	0.196459	-2.87345	0.004969	0.030933	1
ENSG0000	mucosal h	Inflamed	LRR37A2	protein_cc chr17	44588877	44633016	+	6756	169.3795	0	0.630167	0.219318	2.873305	0.004971	0.030939	1
ENSG0000	mucosal h	Inflamed	AC096772	lincRNA chr2	2.09E+08	2.09E+08	-	1262	86.04535	0.009547	0.478085	0.166433	2.872538	0.004982	0.031001	1
ENSG0000	mucosal h	Inflamed	PF4V1	protein_cc chr4	74718906	74719872	+	522	13.55609	0.252983	-0.92628	0.322499	-2.87218	0.004987	0.031026	1
ENSG0000	mucosal h	Inflamed	PODNL1	protein_cc chr19	14042000	14064204	-	4168	190.3508	0	-0.60593	0.210989	-2.87183	0.004992	0.03105	1
ENSG0000	mucosal h	Inflamed	RBMXL2	protein_cc chr11	7110165	7112379	+	2215	2.346062	0.498807	-0.52142	0.18159	-2.87142	0.004998	0.03108	1
ENSG0000	mucosal h	Inflamed	ABO	processed_chr9	1.36E+08	1.36E+08	-	6341	1057.303	0.002387	0.951214	0.331294	2.871205	0.005001	0.031092	1
ENSG0000	mucosal h	Inflamed	RP4-714D5	sense_ove chr1	1E+08	1.01E+08	+	5067	309.3675	0.004773	1.13048	0.39379	2.870768	0.005008	0.031125	1
ENSG0000	mucosal h	Inflamed	RP11-79N1	lincRNA chr6	53605547	53611820	-	850	7.109785	0.176611	0.683744	0.238227	2.870137	0.005017	0.031168	1
ENSG0000	mucosal h	Inflamed	PSMD10P2	pseudoger chr3	1.86E+08	1.86E+08	+	672	19.35084	0.054893	0.791803	0.275877	2.870132	0.005017	0.031168	1
ENSG0000	mucosal h	Inflamed	CERS4	protein_cc chr19	8271620	8327305	+	4059	351.4654	0	-0.52641	0.183429	-2.8698	0.005022	0.03119	1
ENSG0000	mucosal h	Inflamed	AC006116	antisense chr19	56826072	56852656	+	2537	4	0.202864	0.470216	0.16387	2.869438	0.005027	0.031216	1
ENSG0000	mucosal h	Inflamed	DKFZP761	protein_cc chr19	11466062	11476374	+	3273	693.0692	0	-0.54922	0.191419	-2.86921	0.005031	0.03123	1
ENSG0000	mucosal h	Inflamed	RP11-184M	lincRNA chr4	1.29E+08	1.29E+08	-	1623	3.596659	0.560859	-0.69699	0.24293	-2.86912	0.005032	0.03123	1
ENSG0000	mucosal h	Inflamed	ADCY5	protein_cc chr3	1.23E+08	1.23E+08	-	8873	729.031	0	0.671137	0.233925	2.869021	0.005033	0.031232	1
ENSG0000	mucosal h	Inflamed	ACCS	protein_cc chr11	44087475	44105772	+	5826	565.8759	0	0.560007	0.19521	2.868742	0.005038	0.031245	1
ENSG0000	mucosal h	Inflamed	RP11-119I	lincRNA chr11	67653948	67673821	+	3962	36.84964	0.009547	0.751974	0.26213	2.868711	0.005038	0.031245	1
ENSG0000	mucosal h	Inflamed	PQLC1	protein_cc chr18	77662420	77711664	-	5225	2521.914	0	0.298251	0.10397	2.86862	0.005039	0.031246	1
ENSG0000	mucosal h	Inflamed	FAM229A	protein_cc chr1	32826871	32829879	-	2845	307.4511	0	0.597273	0.208285	2.867579	0.005055	0.031334	1
ENSG0000	mucosal h	Inflamed	ZZEF1	protein_cc chr17	3907739	4046314	-	15878	10446.92	0	0.426747	0.148847	2.867012	0.005063	0.031378	1
ENSG0000	mucosal h	Inflamed	CHN1	protein_cc chr2	1.76E+08	1.76E+08	-	4971	262.4654	0.00716	-0.8405	0.293216	-2.86649	0.005071	0.031418	1
ENSG0000	mucosal h	Inflamed	KCNH6	protein_cc chr17	61600695	61626338	+	4211	42.87112	0.019093	0.810892	0.282911	2.866246	0.005074	0.031434	1
ENSG0000	mucosal h	Inflamed	IGSF8	protein_cc chr1	1.6E+08	1.6E+08	-	2562	2611.909	0	0.351743	0.122724	2.866125	0.005076	0.031437	1
ENSG0000	mucosal h	Inflamed	LINC0046C	lincRNA chr13	1.07E+08	1.07E+08	+	1152	3.28401	0.477327	-0.65926	0.230041	-2.86583	0.00508	0.031456	1
ENSG0000	mucosal h	Inflamed	SUN1	protein_cc chr7	855528	936072	+	11908	5018.215	0	0.448068	0.156389	2.865085	0.005092	0.031517	1
ENSG0000	mucosal h	Inflamed	UNC5A	protein_cc chr5	1.76E+08	1.76E+08	+	4357	14.66826	0.121718	-0.88589	0.309209	-2.86501	0.005093	0.031517	1
ENSG0000	mucosal h	Inflamed	ST6GAL1	protein_cc chr3	1.87E+08	1.87E+08	+	9151	7101.589	0	-0.54173	0.18913	-2.86431	0.005103	0.031574	1
ENSG0000	mucosal h	Inflamed	FGD3	protein_cc chr9	95709733	95798518	+	6055	1168.962	0	-0.60849	0.212471	-2.86388	0.005109	0.031606	1
ENSG0000	mucosal h	Inflamed	RP11-57H1	sense_ove chr10	1.15E+08	1.15E+08	+	4237	310.1838	0.004773	0.678236	0.236852	2.863542	0.005114	0.03163	1
ENSG0000	mucosal h	Inflamed	CTD-3018C	processed_chr19	52892095	52901019	-	4160	43.98329	0.011933	0.643508	0.224742	2.863319	0.005118	0.031643	1
ENSG0000	mucosal h	Inflamed	SOCS5P4	pseudoger chrX	70263064	70265320	-	1566	17.56802	0.076372	0.730672	0.255202	2.863117	0.005121	0.031654	1
ENSG0000	mucosal h	Inflamed	FBN1	protein_cc chr15	48700503	48938046	-	16057	4076.678	0	-0.71908	0.251196	-2.86263	0.005128	0.031692	1
ENSG0000	mucosal h	Inflamed	BCAR3	protein_cc chr1	94027347	94312706	-	5072	1238.885	0	0.287253	0.100356	2.862347	0.005132	0.031706	1
ENSG0000	mucosal h	Inflamed	FAM221A	protein_cc chr7	23719749	23742868	+	7458	288.4177	0	0.661065	0.230954	2.862317	0.005133	0.031706	1
ENSG0000	mucosal h	Inflamed	HTR3E	protein_cc chr3	1.84E+08	1.84E+08	+	2523	37.87589	0.114558	1.010266	0.352988	2.86204	0.005137	0.03172	1
ENSG0000	mucosal h	Inflamed	STX5	protein_cc chr11	62574369	62599560	-	2257	1647.635	0	-0.17133	0.059865	-2.862	0.005138	0.03172	1
ENSG0000	mucosal h	Inflamed	USP32P3	pseudoger chr17	20318860	20334321	+	1943	32.36993	0.073986	0.94366	0.329763	2.861632	0.005143	0.031746	1
ENSG0000	mucosal h	Inflamed	GSN-AS1	antisense chr9	1.24E+08	1.24E+08	-	4763	2.961814	0.470167	0.59442	0.20773	2.8615	0.005145	0.031751	1

ENSG0000	mucosal h	Inflamed	RP11-339E	sense_intr	chr9	1.31E+08	1.31E+08	+	409	6.472554	0.112172	-0.54776	0.191428	-2.86142	0.005146	0.031751	1
ENSG0000	mucosal h	Inflamed	RP11-527M	lincRNA	chr8	37262957	37264242	-	578	1.75179	0.570406	0.458189	0.160147	2.861057	0.005152	0.031777	1
ENSG0000	mucosal h	Inflamed	SEL1L3	protein_cc	chr4	25749055	25865382	-	7483	10927.8	0	-0.35302	0.123396	-2.86091	0.005154	0.031784	1
ENSG0000	mucosal h	Inflamed	C22orf43	protein_cc	chr22	23950639	23974508	-	1300	15.01671	0.085919	0.652716	0.22817	2.860663	0.005157	0.031799	1
ENSG0000	mucosal h	Inflamed	GUCY1A3	protein_cc	chr4	1.57E+08	1.57E+08	+	5766	440.6492	0	-0.91923	0.32137	-2.86035	0.005162	0.03182	1
ENSG0000	mucosal h	Inflamed	MKMK2	protein_cc	chr19	2037470	2051243	-	5275	11154.01	0	0.314384	0.109918	2.860163	0.005165	0.03183	1
ENSG0000	mucosal h	Inflamed	AP000351	pseudoger	chr22	24373117	24374043	+	563	37.15036	0.27685	0.580211	0.202866	2.860074	0.005166	0.031831	1
ENSG0000	mucosal h	Inflamed	FGF12	protein_cc	chr3	1.92E+08	1.92E+08	-	7355	13.49642	0.042959	-0.65752	0.229923	-2.85973	0.005172	0.031855	1
ENSG0000	mucosal h	Inflamed	ABHD8	protein_cc	chr19	17402940	17421045	-	2210	362.2196	0	-0.43282	0.151355	-2.85962	0.005173	0.031858	1
ENSG0000	mucosal h	Inflamed	BZW2	protein_cc	chr7	16685756	16746148	+	3662	1517.983	0	0.36224	0.126683	2.859423	0.005176	0.031869	1
ENSG0000	mucosal h	Inflamed	TOB1	protein_cc	chr17	48939584	48945339	-	2521	2746.671	0	0.41536	0.145287	2.858888	0.005184	0.031911	1
ENSG0000	mucosal h	Inflamed	MEGF11	protein_cc	chr15	66187417	66546085	-	9365	10.24582	0.210024	-0.88181	0.308469	-2.85866	0.005188	0.031925	1
ENSG0000	mucosal h	Inflamed	PTCH1	protein_cc	chr9	98205262	98279339	-	16591	2973.931	0	0.714494	0.25	2.857979	0.005198	0.03198	1
ENSG0000	mucosal h	Inflamed	NANOG	protein_cc	chr12	7940390	7948655	+	2311	1.119332	0.708831	0.319388	0.111756	2.857896	0.005199	0.03198	1
ENSG0000	mucosal h	Inflamed	MMRN2	protein_cc	chr10	88695297	88729238	-	5334	1468.589	0	-0.69917	0.24465	-2.85782	0.0052	0.03198	1
ENSG0000	mucosal h	Inflamed	SYDE1	protein_cc	chr19	15218214	15225799	+	3965	763.3437	0	-0.6405	0.224161	-2.85731	0.005208	0.032013	1
ENSG0000	mucosal h	Inflamed	SRCRB4D	protein_cc	chr7	76018651	76039012	-	2819	16.179	0.002387	-0.38743	0.135591	-2.85731	0.005208	0.032013	1
ENSG0000	mucosal h	Inflamed	RP3-412A5	antisense	chr22	31478142	31479551	-	1410	14.88067	0.019093	-0.41218	0.14428	-2.8568	0.005216	0.032053	1
ENSG0000	mucosal h	Inflamed	SPCS2	protein_cc	chr11	74660292	74690076	+	2979	2037.351	0	-0.35504	0.124284	-2.85672	0.005217	0.032053	1
ENSG0000	mucosal h	Inflamed	ARPC5L	protein_cc	chr9	1.28E+08	1.28E+08	+	3601	1714.48	0	-0.24139	0.08451	-2.8564	0.005222	0.032075	1
ENSG0000	mucosal h	Inflamed	RP5-837J1	sense_ove	chr17	33332107	33336762	+	4656	364.506	0	0.459118	0.160802	2.855172	0.00524	0.032182	1
ENSG0000	mucosal h	Inflamed	Z85986.1	miRNA	chr6	36478294	36478375	-	82	1.162291	0.694511	0.368299	0.129008	2.854844	0.005245	0.032199	1
ENSG0000	mucosal h	Inflamed	GDF11	protein_cc	chr12	56137064	56150911	+	3846	323.6659	0	-0.45678	0.160002	-2.85482	0.005246	0.032199	1
ENSG0000	mucosal h	Inflamed	RP11-55K1	antisense	chr16	81344336	81347028	-	2693	17.75418	0.054893	0.748529	0.262205	2.854751	0.005247	0.032199	1
ENSG0000	mucosal h	Inflamed	E2F5	protein_cc	chr8	86089460	86129387	+	5922	349.6826	0	-0.44587	0.156191	-2.85467	0.005248	0.032199	1
ENSG0000	mucosal h	Inflamed	RP11-207C	antisense	chr9	5719021	5720244	-	543	1.252983	0.677804	0.340427	0.119278	2.854064	0.005257	0.032248	1
ENSG0000	mucosal h	Inflamed	FSTL1	protein_cc	chr3	1.2E+08	1.2E+08	-	8727	5910.222	0	-0.75094	0.263119	-2.85398	0.005259	0.032249	1
ENSG0000	mucosal h	Inflamed	NUDT6	protein_cc	chr4	1.24E+08	1.24E+08	-	6591	146.9427	0	0.388945	0.136296	2.853675	0.005263	0.03227	1
ENSG0000	mucosal h	Inflamed	MIR3936	miRNA	chr5	1.32E+08	1.32E+08	-	110	8.980907	0.145585	0.634136	0.222227	2.85355	0.005265	0.032274	1
ENSG0000	mucosal h	Inflamed	RP11-483F	antisense	chr16	83823572	83841439	-	1603	12.11695	0.019093	-0.53196	0.18644	-2.85324	0.00527	0.032296	1
ENSG0000	mucosal h	Inflamed	SPRR1B	protein_cc	chr1	1.53E+08	1.53E+08	+	620	61.05967	0.52506	-1.70106	0.596332	-2.85254	0.005281	0.032354	1
ENSG0000	mucosal h	Inflamed	ACVR1C	protein_cc	chr2	1.58E+08	1.58E+08	-	9195	201.1527	0.00716	0.890523	0.312251	2.851944	0.00529	0.032402	1
ENSG0000	mucosal h	Inflamed	BSDC1	protein_cc	chr1	32830704	32860332	-	6275	3924.437	0	0.2072	0.072655	2.851835	0.005291	0.032402	1
ENSG0000	mucosal h	Inflamed	CTD-2049C	antisense	chr16	27690261	27730104	-	1200	1.210024	0.701671	0.458306	0.160708	2.851787	0.005292	0.032402	1
ENSG0000	mucosal h	Inflamed	ZNF587	protein_cc	chr19	58361225	58376480	+	7350	2548.952	0	0.654807	0.229646	2.85138	0.005299	0.032433	1
ENSG0000	mucosal h	Inflamed	RGS20	protein_cc	chr8	54764368	54871863	+	3192	1.412888	0.711217	-0.50264	0.176296	-2.85109	0.005303	0.032452	1
ENSG0000	mucosal h	Inflamed	SLC16A5	protein_cc	chr17	73083822	73102257	+	3089	1325.136	0	0.357209	0.125322	2.850331	0.005315	0.032516	1
ENSG0000	mucosal h	Inflamed	MIR194-2	lincRNA	chr11	64658827	64660921	-	1852	337.1313	0.002387	0.813234	0.285347	2.849982	0.00532	0.032542	1
ENSG0000	mucosal h	Inflamed	WNT5A	protein_cc	chr3	55499743	55523973	-	6660	1618.136	0	-0.95002	0.33336	-2.84983	0.005322	0.032543	1
ENSG0000	mucosal h	Inflamed	MEF2C	protein_cc	chr5	88013975	88199922	-	9053	854.7733	0	-0.72556	0.254605	-2.84974	0.005324	0.032543	1

ENSG0000	mucosal h	Inflamed	KIRREL2	protein_cc	chr19	36346763	36358011	+	3382	18.90692	0.081146	-0.75426	0.264678	-2.84973	0.005324	0.032543	1
ENSG0000	mucosal h	Inflamed	AC026310	protein_cc	chr12	25055243	25057615	+	2373	1.644391	0.658711	-0.52514	0.184294	-2.84945	0.005328	0.032561	1
ENSG0000	mucosal h	Inflamed	APPL2	protein_cc	chr12	1.06E+08	1.06E+08	-	5124	3958.251	0	0.573344	0.201233	2.84915	0.005333	0.032582	1
ENSG0000	mucosal h	Inflamed	PDGFB	protein_cc	chr22	39619364	39640756	-	3761	704.1957	0	-0.66889	0.234804	-2.84871	0.00534	0.032616	1
ENSG0000	mucosal h	Inflamed	RP11-73M	lincRNA	chr14	1.04E+08	1.04E+08	+	683	47.33413	0.002387	0.434048	0.152402	2.848054	0.00535	0.032671	1
ENSG0000	mucosal h	Inflamed	CHRNA6	protein_cc	chr8	42607763	42651535	-	2596	5.520286	0.346062	-0.67062	0.235505	-2.84757	0.005357	0.032709	1
ENSG0000	mucosal h	Inflamed	ADAMTS1	protein_cc	chr9	1.36E+08	1.36E+08	+	5695	201.8305	0.009547	0.638161	0.224119	2.847428	0.00536	0.032715	1
ENSG0000	mucosal h	Inflamed	GUCA1A	protein_cc	chr6	42123144	42147794	+	2317	1.138425	0.75179	-0.45199	0.158751	-2.84719	0.005363	0.03273	1
ENSG0000	mucosal h	Inflamed	RP11-134M	lincRNA	chr12	14369524	14374231	+	640	2.651551	0.443914	-0.5482	0.192552	-2.847	0.005366	0.03274	1
ENSG0000	mucosal h	Inflamed	ZDHHC13	protein_cc	chr11	19138646	19197969	+	7763	855.031	0	0.481689	0.1692	2.846856	0.005369	0.032747	1
ENSG0000	mucosal h	Inflamed	ITPKB-IT1	sense_intr	chr1	2.27E+08	2.27E+08	-	870	2.136038	0.584726	-0.53448	0.187769	-2.84649	0.005374	0.032774	1
ENSG0000	mucosal h	Inflamed	RP11-395C	lincRNA	chr8	1.07E+08	1.07E+08	+	1419	34.73747	0.004773	0.485971	0.170785	2.845505	0.00539	0.03286	1
ENSG0000	mucosal h	Inflamed	RP11-340I	lincRNA	chr7	63361201	63378372	+	637	1.885442	0.529833	0.361012	0.126889	2.845093	0.005396	0.03289	1
ENSG0000	mucosal h	Inflamed	ADHFE1	protein_cc	chr8	67342420	67383836	+	3753	117.2697	0.002387	0.614129	0.215861	2.845024	0.005397	0.03289	1
ENSG0000	mucosal h	Inflamed	RBM47	protein_cc	chr4	40425272	40632892	-	8558	10038.35	0	0.51994	0.182764	2.844864	0.0054	0.032898	1
ENSG0000	mucosal h	Inflamed	C2CD4C	protein_cc	chr19	405438	409139	-	3098	41.73508	0.016706	-0.62379	0.219297	-2.84451	0.005405	0.03292	1
ENSG0000	mucosal h	Inflamed	GRM2	protein_cc	chr3	51741086	51752629	+	7096	15.98807	0.100239	-0.8051	0.283041	-2.84448	0.005406	0.03292	1
ENSG0000	mucosal h	Inflamed	GPX1	protein_cc	chr3	49394609	49396033	-	1425	4064.988	0	-0.42906	0.150855	-2.84419	0.00541	0.03294	1
ENSG0000	mucosal h	Inflamed	YBX2	protein_cc	chr17	7191571	7197934	-	4618	1243.516	0.00716	1.069185	0.375941	2.844023	0.005413	0.032941	1
ENSG0000	mucosal h	Inflamed	RP11-750I	antisense	chr11	47404699	47430741	-	1113	90.19093	0.00716	-0.73935	0.259969	-2.84398	0.005413	0.032941	1
ENSG0000	mucosal h	Inflamed	AMPD1	protein_cc	chr1	1.15E+08	1.15E+08	-	2496	189.7804	0	-0.76784	0.269993	-2.84393	0.005414	0.032941	1
ENSG0000	mucosal h	Inflamed	RP1-229K2	pseudoger	chr6	41237613	41237977	-	365	4.756563	0.596659	-0.87152	0.306554	-2.84297	0.005429	0.033026	1
ENSG0000	mucosal h	Inflamed	LACE1	protein_cc	chr6	1.09E+08	1.09E+08	+	8450	125.8305	0	0.494434	0.17393	2.842719	0.005433	0.033042	1
ENSG0000	mucosal h	Inflamed	KLF2	protein_cc	chr19	16435628	16438685	+	2018	1714.79	0	-0.60797	0.213927	-2.84198	0.005445	0.033105	1
ENSG0000	mucosal h	Inflamed	GPNMB	protein_cc	chr7	23275586	23314727	+	5956	3743.723	0	-0.52884	0.186163	-2.84074	0.005464	0.033209	1
ENSG0000	mucosal h	Inflamed	TEAD2	protein_cc	chr19	49843852	49865714	-	2980	756.7757	0	-0.45855	0.16142	-2.84074	0.005464	0.033209	1
ENSG0000	mucosal h	Inflamed	ADRM1	protein_cc	chr20	60877149	60883918	+	2142	3305.9	0	-0.2443	0.086006	-2.8405	0.005468	0.033225	1
ENSG0000	mucosal h	Inflamed	RP11-96C2	sense_intr	chr10	88873711	88875280	+	688	0.918854	0.770883	0.38088	0.134115	2.839951	0.005477	0.033267	1
ENSG0000	mucosal h	Inflamed	GPR85	protein_cc	chr7	1.13E+08	1.13E+08	-	7396	26.34129	0.011933	-0.68742	0.242064	-2.83984	0.005479	0.033267	1
ENSG0000	mucosal h	Inflamed	AC073869	pseudoger	chr2	1.32E+08	1.32E+08	-	1026	2.639618	0.453461	0.489175	0.172256	2.839812	0.005479	0.033267	1
ENSG0000	mucosal h	Inflamed	VEGFC	protein_cc	chr4	1.78E+08	1.78E+08	-	2423	153.4153	0.004773	-0.71904	0.253213	-2.83967	0.005482	0.033274	1
ENSG0000	mucosal h	Inflamed	HNRNPH1	pseudoger	chr6	1.6E+08	1.6E+08	-	1185	6.353222	0.198091	0.612064	0.215563	2.839371	0.005486	0.033295	1
ENSG0000	mucosal h	Inflamed	RP11-539I	antisense	chr10	1.19E+08	1.19E+08	-	772	28.45107	0.004773	0.520364	0.183317	2.838604	0.005498	0.033361	1
ENSG0000	mucosal h	Inflamed	RP11-370A	antisense	chr18	20303454	20487684	-	1229	2.190931	0.48926	-0.44838	0.157971	-2.83836	0.005502	0.033368	1
ENSG0000	mucosal h	Inflamed	AK2	protein_cc	chr1	33473585	33546597	-	5683	4018.243	0	0.28411	0.100098	2.838316	0.005503	0.033368	1
ENSG0000	mucosal h	Inflamed	GAL3ST2	protein_cc	chr2	2.43E+08	2.43E+08	+	1370	905.389	0.01432	1.089778	0.383956	2.838292	0.005503	0.033368	1
ENSG0000	mucosal h	Inflamed	RP11-206L	processed	chr1	745489	753092	-	402	2.436754	0.415274	0.439445	0.154846	2.837954	0.005509	0.033393	1
ENSG0000	mucosal h	Inflamed	COL6A5	protein_cc	chr3	1.3E+08	1.3E+08	+	9591	100.8115	0.031026	-1.05324	0.371167	-2.83765	0.005514	0.033414	1
ENSG0000	mucosal h	Inflamed	PLA2G4E	protein_cc	chr15	42273780	42343388	-	5992	46.57041	0.026253	-1.18099	0.416221	-2.83742	0.005517	0.033422	1
ENSG0000	mucosal h	Inflamed	PUSL1	protein_cc	chr1	1243947	1247057	+	2489	521.2721	0	-0.28055	0.098877	-2.83736	0.005518	0.033422	1

ENSG0000	mucosal h	Inflamed	RP11-1379 antisense	chr5	1.79E+08	1.79E+08	-	1966	14.95465	0.090692	0.687536	0.242317	2.837337	0.005519	0.033422	1
ENSG0000	mucosal h	Inflamed	PPT2-EGFL protein_cc	chr6	32121622	32139755	+	5512	6.988067	0.143198	0.623629	0.219806	2.837172	0.005521	0.033424	1
ENSG0000	mucosal h	Inflamed	LINC0091C lincRNA	chr17	41447213	41466567	-	6895	74.72315	0	0.359434	0.126691	2.837095	0.005522	0.033424	1
ENSG0000	mucosal h	Inflamed	CTD-2331 pseudoger	chr19	53365060	53366119	-	1060	46.27924	0.023866	0.712156	0.251018	2.837077	0.005523	0.033424	1
ENSG0000	mucosal h	Inflamed	FAM218A protein_cc	chr4	1.66E+08	1.66E+08	+	2174	9.610979	0.085919	0.560434	0.197555	2.836856	0.005526	0.033437	1
ENSG0000	mucosal h	Inflamed	AC109333 antisense	chr17	4922509	4923388	-	583	12.53461	0.071599	-0.61042	0.215197	-2.83657	0.005531	0.033457	1
ENSG0000	mucosal h	Inflamed	RP11-610F lincRNA	chr4	1.52E+08	1.52E+08	-	358	13.20286	0.083532	0.650721	0.229414	2.836454	0.005533	0.033458	1
ENSG0000	mucosal h	Inflamed	RP11-347C sense_intr	chr8	95962265	95963624	+	709	17.49881	0.033413	-0.70682	0.249197	-2.8364	0.005534	0.033458	1
ENSG0000	mucosal h	Inflamed	PIF1 protein_cc	chr15	65107831	65117867	-	4656	323.5561	0	-0.56497	0.199212	-2.83601	0.00554	0.033482	1
ENSG0000	mucosal h	Inflamed	NR2F6 protein_cc	chr19	17342692	17356749	-	2676	4560.768	0	0.38527	0.13585	2.836	0.00554	0.033482	1
ENSG0000	mucosal h	Inflamed	CTC-360G protein_cc	chr19	39399620	39402798	-	1057	5.801909	0.167064	0.537768	0.18966	2.83544	0.005549	0.033528	1
ENSG0000	mucosal h	Inflamed	CTC-303L1 pseudoger	chr5	93928473	93930496	+	2024	1.455847	0.670644	0.46131	0.16272	2.834998	0.005556	0.033561	1
ENSG0000	mucosal h	Inflamed	CACNB1 protein_cc	chr17	37329709	37353956	-	7094	565.9928	0	0.484106	0.170764	2.834944	0.005557	0.033561	1
ENSG0000	mucosal h	Inflamed	PXDN protein_cc	chr2	1635659	1748624	-	11257	5075.432	0	-0.65919	0.232604	-2.83396	0.005573	0.033646	1
ENSG0000	mucosal h	Inflamed	AC115522 lincRNA	chr19	44298461	44299810	-	556	11.72554	0.090692	-0.59725	0.21075	-2.83391	0.005573	0.033646	1
ENSG0000	mucosal h	Inflamed	CD276 protein_cc	chr15	73976307	74006859	+	5542	3026.611	0	-0.43356	0.153001	-2.83374	0.005576	0.033655	1
ENSG0000	mucosal h	Inflamed	TTC13 protein_cc	chr1	2.31E+08	2.31E+08	-	4212	864.1193	0	0.550461	0.194305	2.832975	0.005589	0.033721	1
ENSG0000	mucosal h	Inflamed	SDHD protein_cc	chr11	1.12E+08	1.12E+08	+	2126	2885.582	0	0.441858	0.156063	2.831276	0.005616	0.03388	1
ENSG0000	mucosal h	Inflamed	HS3ST3A1 protein_cc	chr17	13399006	13505244	-	2628	82.91169	0.004773	-0.72888	0.257454	-2.83111	0.005619	0.033888	1
ENSG0000	mucosal h	Inflamed	OAZ1 protein_cc	chr19	2269485	2273487	+	3457	15996.95	0	-0.24725	0.08734	-2.83085	0.005623	0.033906	1
ENSG0000	mucosal h	Inflamed	SSR2 protein_cc	chr1	1.56E+08	1.56E+08	-	6651	7011.072	0	-0.27357	0.09665	-2.8305	0.005629	0.033932	1
ENSG0000	mucosal h	Inflamed	RP11-454L pseudoger	chr14	55861658	55861951	-	294	10.81862	0.121718	0.701925	0.248017	2.830144	0.005635	0.033959	1
ENSG0000	mucosal h	Inflamed	LSM11 protein_cc	chr5	1.57E+08	1.57E+08	+	6584	399.2864	0	0.474891	0.167819	2.829786	0.00564	0.033987	1
ENSG0000	mucosal h	Inflamed	AC084809 antisense	chr17	31203777	31205655	+	591	14.36277	0.00716	0.348652	0.123229	2.829293	0.005648	0.034027	1
ENSG0000	mucosal h	Inflamed	CTC-340I2 antisense	chr5	1.56E+08	1.56E+08	-	460	1.124105	0.75179	-0.45622	0.161273	-2.82886	0.005655	0.034062	1
ENSG0000	mucosal h	Inflamed	GPR160 protein_cc	chr3	1.7E+08	1.7E+08	+	4458	1514.215	0	0.497197	0.175782	2.828487	0.005662	0.034091	1
ENSG0000	mucosal h	Inflamed	AGXT protein_cc	chr2	2.42E+08	2.42E+08	+	4459	47.78759	0.01432	0.940742	0.332651	2.828018	0.005669	0.034125	1
ENSG0000	mucosal h	Inflamed	ATAT1 protein_cc	chr6	30594619	30614600	+	4035	544.105	0	0.409445	0.144783	2.827987	0.00567	0.034125	1
ENSG0000	mucosal h	Inflamed	TRAK2 protein_cc	chr2	2.02E+08	2.02E+08	-	7595	2200.329	0	0.590416	0.20882	2.827396	0.005679	0.034175	1
ENSG0000	mucosal h	Inflamed	A1CF protein_cc	chr10	52559169	52645435	-	9603	997.21	0.004773	0.940811	0.332764	2.82726	0.005682	0.034181	1
ENSG0000	mucosal h	Inflamed	LINC00992 lincRNA	chr5	1.17E+08	1.17E+08	+	1144	40.78282	0.038186	0.857705	0.30338	2.827164	0.005683	0.034182	1
ENSG0000	mucosal h	Inflamed	FBXL12 protein_cc	chr19	9920943	9938492	-	2913	895.7041	0	0.24455	0.086546	2.825655	0.005708	0.034324	1
ENSG0000	mucosal h	Inflamed	AL022341 antisense	chr16	698473	699200	-	389	12.42482	0.026253	-0.60352	0.213634	-2.82504	0.005718	0.034377	1
ENSG0000	mucosal h	Inflamed	NDUFS1 protein_cc	chr2	2.07E+08	2.07E+08	-	12268	4189.334	0	0.477068	0.168885	2.824816	0.005722	0.034384	1
ENSG0000	mucosal h	Inflamed	MS4A12 protein_cc	chr11	60260251	60274903	+	1839	4291.945	0.004773	1.492446	0.528334	2.824812	0.005722	0.034384	1
ENSG0000	mucosal h	Inflamed	LRWD1 protein_cc	chr7	1.02E+08	1.02E+08	+	5926	948.2458	0	-0.2782	0.098494	-2.82453	0.005726	0.034403	1
ENSG0000	mucosal h	Inflamed	RP11-142C sense_intr	chr17	29460200	29465536	+	2780	0.957041	0.749403	0.32881	0.116436	2.823957	0.005736	0.034453	1
ENSG0000	mucosal h	Inflamed	GIMAP4 protein_cc	chr7	1.5E+08	1.5E+08	+	2191	805.864	0	-0.60941	0.215838	-2.82347	0.005744	0.034494	1
ENSG0000	mucosal h	Inflamed	SLC35D1 protein_cc	chr1	67465015	67519782	-	7154	4387.673	0	0.660081	0.233799	2.823282	0.005747	0.0345	1
ENSG0000	mucosal h	Inflamed	AC092580 lincRNA	chr2	7865932	7870836	+	243	38.45823	0	-0.59123	0.209416	-2.82324	0.005748	0.0345	1

ENSG0000	mucosal h	Inflamed	CD4	protein_cc	chr12	6896024	6929974	+	4583	4818.337	0	-0.48515	0.171869	-2.82281	0.005755	0.034535	1
ENSG0000	mucosal h	Inflamed	CTD-2639E	sense_ove	chr19	49429428	49429701	+	274	1.011933	0.735084	0.339954	0.120448	2.822408	0.005762	0.034567	1
ENSG0000	mucosal h	Inflamed	KISS1	protein_cc	chr1	2.04E+08	2.04E+08	-	709	3.649165	0.429594	0.563562	0.19969	2.822185	0.005765	0.034571	1
ENSG0000	mucosal h	Inflamed	RP11-654E	lincRNA	chr12	90276442	90383066	+	682	2.513126	0.553699	0.484258	0.17159	2.822183	0.005765	0.034571	1
ENSG0000	mucosal h	Inflamed	MIR200B	miRNA	chr1	1102484	1102578	+	95	13.68735	0.081146	0.701404	0.248537	2.822133	0.005766	0.034571	1
ENSG0000	mucosal h	Inflamed	AC004771	pseudoger	chr17	4890302	4890972	+	669	3.343675	0.355609	0.488198	0.173019	2.821649	0.005774	0.034612	1
ENSG0000	mucosal h	Inflamed	PKDCC	protein_cc	chr2	42275160	42285668	+	3925	2307.37	0	0.502919	0.178245	2.821504	0.005777	0.034618	1
ENSG0000	mucosal h	Inflamed	RN7SL619I	misc_RNA	chr19	13925880	13926133	-	254	3.47494	0.365155	0.450954	0.15984	2.821279	0.00578	0.034633	1
ENSG0000	mucosal h	Inflamed	NPR1	protein_cc	chr1	1.54E+08	1.54E+08	+	5003	379.7828	0	-0.6858	0.243089	-2.82117	0.005782	0.034635	1
ENSG0000	mucosal h	Inflamed	IL11RA	protein_cc	chr9	34650699	34661889	+	4271	433.5537	0	0.507558	0.179934	2.820807	0.005788	0.034664	1
ENSG0000	mucosal h	Inflamed	RP11-71G	lincRNA	chr1	1.57E+08	1.57E+08	+	471	2.966587	0.424821	-0.54389	0.192822	-2.82069	0.00579	0.034668	1
ENSG0000	mucosal h	Inflamed	PTGR1	protein_cc	chr9	1.14E+08	1.14E+08	-	3722	1084.807	0	0.335268	0.118865	2.820579	0.005792	0.034671	1
ENSG0000	mucosal h	Inflamed	RP11-10N	lincRNA	chr1	24526730	24538183	+	1849	10.3031	0.181384	0.806778	0.286046	2.82045	0.005794	0.034676	1
ENSG0000	mucosal h	Inflamed	GPR35	protein_cc	chr2	2.42E+08	2.42E+08	+	3144	2482.53	0	0.479623	0.170082	2.819954	0.005803	0.034713	1
ENSG0000	mucosal h	Inflamed	TIE1	protein_cc	chr1	43766664	43788779	+	6694	996.0358	0	-0.69789	0.247487	-2.81992	0.005803	0.034713	1
ENSG0000	mucosal h	Inflamed	SCARNA17	snoRNA	chr18	47340503	47340646	+	144	4.398568	0.138425	0.399816	0.141787	2.819838	0.005805	0.034714	1
ENSG0000	mucosal h	Inflamed	FAM124B	protein_cc	chr2	2.25E+08	2.25E+08	-	3541	38.74463	0.016706	-0.62231	0.220717	-2.81946	0.005811	0.034735	1
ENSG0000	mucosal h	Inflamed	AC098828	lincRNA	chr2	20263617	20306590	-	746	2.116945	0.610979	0.403918	0.143261	2.819463	0.005811	0.034735	1
ENSG0000	mucosal h	Inflamed	PAG1	protein_cc	chr8	81880045	82024303	-	11023	2494.279	0	0.64494	0.228761	2.819274	0.005814	0.034739	1
ENSG0000	mucosal h	Inflamed	MTATP8P2	pseudoger	chr2	88124461	88124662	+	202	22.8401	0.047733	0.604814	0.21453	2.819249	0.005814	0.034739	1
ENSG0000	mucosal h	Inflamed	TTC19	protein_cc	chr17	15902694	15948329	+	5966	1965.31	0	0.454953	0.161377	2.819193	0.005815	0.034739	1
ENSG0000	mucosal h	Inflamed	JHDM1D-A	antisense	chr7	1.4E+08	1.4E+08	+	2380	844.673	0	0.340799	0.120914	2.818535	0.005826	0.034797	1
ENSG0000	mucosal h	Inflamed	LINC00675	lincRNA	chr17	10698230	10707416	-	1648	1688.477	0.002387	0.806612	0.286204	2.818314	0.00583	0.034811	1
ENSG0000	mucosal h	Inflamed	F2RL1	protein_cc	chr5	76114758	76131140	+	2958	3918.482	0	0.677333	0.240362	2.817975	0.005836	0.03483	1
ENSG0000	mucosal h	Inflamed	RP11-88H	sense_intr	chr3	65344943	65345392	-	450	2.171838	0.479714	0.419347	0.148812	2.817966	0.005836	0.03483	1
ENSG0000	mucosal h	Inflamed	SSR3	protein_cc	chr3	1.56E+08	1.56E+08	-	4627	5107.945	0	-0.39531	0.140313	-2.81738	0.005846	0.034881	1
ENSG0000	mucosal h	Inflamed	LYSMD4	protein_cc	chr15	1E+08	1E+08	-	5691	406.0525	0	0.345623	0.122691	2.817023	0.005852	0.034909	1
ENSG0000	mucosal h	Inflamed	AK3	protein_cc	chr9	4711155	4742043	-	2808	2512.807	0	0.434003	0.154105	2.816291	0.005864	0.034974	1
ENSG0000	mucosal h	Inflamed	CTD-2377C	antisense	chr5	74161718	74163679	+	1962	3.331742	0.291169	0.488699	0.17356	2.815739	0.005873	0.035019	1
ENSG0000	mucosal h	Inflamed	DMBX1	protein_cc	chr1	46972668	46979898	+	2896	1.539379	0.675418	-0.54908	0.195013	-2.8156	0.005876	0.035019	1
ENSG0000	mucosal h	Inflamed	ILVBL	protein_cc	chr19	15225795	15236596	-	5615	3424.095	0	0.295377	0.104909	2.815542	0.005877	0.035019	1
ENSG0000	mucosal h	Inflamed	IGFBP4	protein_cc	chr17	38599702	38613983	+	2211	14504.21	0	-0.53395	0.189648	-2.81548	0.005878	0.035019	1
ENSG0000	mucosal h	Inflamed	BFSP2-AS1	antisense	chr3	1.33E+08	1.33E+08	-	894	3.708831	0.326969	-0.58391	0.207395	-2.81546	0.005878	0.035019	1
ENSG0000	mucosal h	Inflamed	METAP1D	protein_cc	chr2	1.73E+08	1.73E+08	+	4850	244.4296	0	0.434783	0.154457	2.81492	0.005887	0.035065	1
ENSG0000	mucosal h	Inflamed	GNG8	protein_cc	chr19	47137333	47137942	-	216	5.553699	0.24105	-0.6038	0.214514	-2.81474	0.00589	0.035075	1
ENSG0000	mucosal h	Inflamed	CNGA4	protein_cc	chr11	6255995	6265659	+	2167	4.828162	0.205251	0.452636	0.160843	2.814142	0.0059	0.035128	1
ENSG0000	mucosal h	Inflamed	ZNF91	protein_cc	chr19	23487793	23578362	-	10397	773.3747	0	0.648586	0.230531	2.813445	0.005912	0.03519	1
ENSG0000	mucosal h	Inflamed	AL139099	protein_cc	chr14	50064193	50065882	-	1690	23.13126	0.009547	0.504928	0.179523	2.812613	0.005926	0.035266	1
ENSG0000	mucosal h	Inflamed	PDIA6	protein_cc	chr2	10923517	10978103	-	4101	10690.01	0	-0.32926	0.117078	-2.81235	0.005931	0.035285	1
ENSG0000	mucosal h	Inflamed	HSD17B14	protein_cc	chr19	49316274	49339935	-	1281	106.7924	0	-0.48265	0.171632	-2.81209	0.005935	0.035303	1

ENSG0000	mucosal h	Inflamed	RP11-7K24	lincRNA	chr6	42059976	42061997	-	2022	92.06205	0.002387	-0.65933	0.234476	-2.81191	0.005938	0.035314	1
ENSG0000	mucosal h	Inflamed	BPIFB1	protein_cc	chr20	31861286	31897684	+	3101	10.08115	0.763723	-0.95154	0.338439	-2.81154	0.005945	0.035334	1
ENSG0000	mucosal h	Inflamed	TMEM258	protein_cc	chr11	61535973	61560274	-	3068	2003.086	0	-0.47165	0.167763	-2.8114	0.005947	0.035334	1
ENSG0000	mucosal h	Inflamed	FLI1	protein_cc	chr11	1.29E+08	1.29E+08	+	8479	1230.11	0	-0.57705	0.205255	-2.81135	0.005948	0.035334	1
ENSG0000	mucosal h	Inflamed	RP5-11424	antisense	chr16	88797588	88807826	+	4790	8.53222	0.102625	0.556543	0.197964	2.811327	0.005948	0.035334	1
ENSG0000	mucosal h	Inflamed	FFAR3	protein_cc	chr19	35849362	35851387	+	1855	15.69451	0.157518	-0.91121	0.324122	-2.81132	0.005949	0.035334	1
ENSG0000	mucosal h	Inflamed	RP11-8L8.1	lincRNA	chr14	1.02E+08	1.02E+08	+	943	4.529833	0.195704	-0.52318	0.186145	-2.81059	0.005961	0.0354	1
ENSG0000	mucosal h	Inflamed	SMPDL3A	protein_cc	chr6	1.23E+08	1.23E+08	+	2228	2417.757	0	0.586519	0.208696	2.810399	0.005964	0.035411	1
ENSG0000	mucosal h	Inflamed	SPATC1	protein_cc	chr8	1.45E+08	1.45E+08	+	1954	18.34845	0.047733	-0.70833	0.252073	-2.81002	0.005971	0.035442	1
ENSG0000	mucosal h	Inflamed	NRN1	protein_cc	chr6	5998232	6007200	-	1762	151.2172	0.002387	-0.60396	0.215034	-2.80867	0.005994	0.035572	1
ENSG0000	mucosal h	Inflamed	NIPAL2	protein_cc	chr8	99202061	99306621	-	5599	1763.859	0	0.627608	0.223463	2.808547	0.005996	0.035576	1
ENSG0000	mucosal h	Inflamed	RP11-3911	lincRNA	chr3	40507957	40510078	+	2122	44.89499	0.004773	0.527235	0.187756	2.808082	0.006004	0.035614	1
ENSG0000	mucosal h	Inflamed	REEP4	protein_cc	chr8	21995533	21999464	-	2266	1578.78	0	0.314623	0.112044	2.808023	0.006005	0.035614	1
ENSG0000	mucosal h	Inflamed	GRIN3A	protein_cc	chr9	1.04E+08	1.05E+08	-	8121	143.2745	0.002387	-1.0247	0.364995	-2.80744	0.006015	0.035657	1
ENSG0000	mucosal h	Inflamed	GFER	protein_cc	chr16	2034208	2037750	+	2687	1461.854	0	0.297975	0.106138	2.807431	0.006015	0.035657	1
ENSG0000	mucosal h	Inflamed	AP001469	antisense	chr21	47666804	47667596	+	390	2.608592	0.400955	0.44319	0.157867	2.807363	0.006017	0.035657	1
ENSG0000	mucosal h	Inflamed	RP3-462E2	lincRNA	chr12	1.12E+08	1.12E+08	+	569	56.79236	0.026253	0.554651	0.197583	2.807174	0.00602	0.035669	1
ENSG0000	mucosal h	Inflamed	DNMBP-A'	antisense	chr10	1.02E+08	1.02E+08	+	2336	37.42721	0.01432	0.66753	0.237801	2.80709	0.006021	0.035669	1
ENSG0000	mucosal h	Inflamed	RP11-439E	sense_intr	chr1	2.47E+08	2.47E+08	+	1960	1.174224	0.704057	0.373937	0.133244	2.806418	0.006033	0.03573	1
ENSG0000	mucosal h	Inflamed	KB-1836B5	sense_ove	chr8	37920399	37921309	+	911	5.840095	0.126492	0.476277	0.16972	2.806251	0.006036	0.035739	1
ENSG0000	mucosal h	Inflamed	BSG	protein_cc	chr19	571297	583493	+	3770	35587.35	0	0.329404	0.117388	2.806108	0.006038	0.035746	1
ENSG0000	mucosal h	Inflamed	GCG	protein_cc	chr2	1.63E+08	1.63E+08	-	2378	1251.821	0.002387	1.292496	0.460659	2.805756	0.006044	0.035768	1
ENSG0000	mucosal h	Inflamed	TNFRSF13	protein_cc	chr22	42321045	42322822	-	926	169.7422	0.002387	-0.91825	0.327278	-2.80573	0.006045	0.035768	1
ENSG0000	mucosal h	Inflamed	SH2D6	protein_cc	chr2	85645844	85664152	+	3858	130.6062	0.011933	0.989694	0.352764	2.805544	0.006048	0.035779	1
ENSG0000	mucosal h	Inflamed	HSPA8P3	pseudoger	chr10	27003551	27004761	+	780	1.405728	0.622912	0.402043	0.143309	2.805427	0.00605	0.035783	1
ENSG0000	mucosal h	Inflamed	COQ3	protein_cc	chr6	99817276	99842080	-	1458	191.8043	0	0.433648	0.154579	2.805343	0.006052	0.035784	1
ENSG0000	mucosal h	Inflamed	SLA2	protein_cc	chr20	35240721	35274619	-	2757	224.9857	0	-0.45898	0.16362	-2.80519	0.006054	0.035792	1
ENSG0000	mucosal h	Inflamed	RP3-325F2	antisense	chr6	1.37E+08	1.37E+08	+	505	1.054893	0.756563	-0.44274	0.15784	-2.805	0.006057	0.035803	1
ENSG0000	mucosal h	Inflamed	LRRTM2	protein_cc	chr5	1.38E+08	1.38E+08	-	6095	23.66348	0.033413	-0.68476	0.24414	-2.8048	0.006061	0.035816	1
ENSG0000	mucosal h	Inflamed	FGF7	protein_cc	chr15	49715293	49780972	+	6657	384.3699	0	-0.86951	0.310015	-2.80472	0.006062	0.035816	1
ENSG0000	mucosal h	Inflamed	EVPLL	protein_cc	chr17	18280976	18292961	+	2156	10.31265	0.138425	0.665068	0.237172	2.804161	0.006072	0.035865	1
ENSG0000	mucosal h	Inflamed	BTN2A2	protein_cc	chr6	26383324	26395102	+	6398	779.6778	0	-0.50037	0.178456	-2.80389	0.006077	0.035886	1
ENSG0000	mucosal h	Inflamed	CTD-3010I	lincRNA	chr17	70638870	70640629	+	889	36.02625	0.011933	0.588991	0.2101	2.803388	0.006086	0.035918	1
ENSG0000	mucosal h	Inflamed	ACVR2B-A'	antisense	chr3	38492518	38496311	-	2517	25.30549	0.02148	0.534281	0.190584	2.803386	0.006086	0.035918	1
ENSG0000	mucosal h	Inflamed	RP11-137F	lincRNA	chr10	82194765	82196869	+	2105	275.5107	0	0.496498	0.17711	2.803334	0.006087	0.035918	1
ENSG0000	mucosal h	Inflamed	FILIP1L	protein_cc	chr3	99548985	99833357	-	5897	1159.112	0	-0.65269	0.232845	-2.8031	0.006091	0.035934	1
ENSG0000	mucosal h	Inflamed	AC083900	sense_intr	chr2	2.09E+08	2.09E+08	-	469	7.961814	0.109785	0.566855	0.202269	2.802478	0.006102	0.03599	1
ENSG0000	mucosal h	Inflamed	RNA5SP75	rRNA	chr1	2.05E+08	2.05E+08	-	111	1.558473	0.632458	-0.48772	0.174047	-2.80226	0.006105	0.036005	1
ENSG0000	mucosal h	Inflamed	FAHD2A	protein_cc	chr2	96068469	96082364	+	5665	531.6253	0	0.217393	0.077605	2.801289	0.006122	0.036097	1
ENSG0000	mucosal h	Inflamed	GPR1	protein_cc	chr2	2.07E+08	2.07E+08	-	2834	5.494033	0.193317	-0.60081	0.214526	-2.80065	0.006134	0.036155	1

ENSG0000	mucosal h	Inflamed	FARP2	protein_cc chr2	2.42E+08	2.42E+08	+	14413	3968.358	0	0.433465	0.154779	2.800535	0.006136	0.036159	1
ENSG0000	mucosal h	Inflamed	HOXB13	protein_cc chr17	46802125	46806540	-	3467	2959.835	0.02864	1.689474	0.603326	2.800267	0.00614	0.036179	1
ENSG0000	mucosal h	Inflamed	PRRG2	protein_cc chr19	50083903	50094272	+	1701	447.432	0	0.434079	0.155052	2.799564	0.006153	0.036237	1
ENSG0000	mucosal h	Inflamed	ESYT3	protein_cc chr3	1.38E+08	1.38E+08	+	9816	16.67542	0.040573	0.600858	0.214627	2.799546	0.006153	0.036237	1
ENSG0000	mucosal h	Inflamed	RP11-404F	sense_intr chr14	96677197	96681155	+	460	2.890215	0.403341	0.497696	0.177786	2.799407	0.006155	0.036244	1
ENSG0000	mucosal h	Inflamed	HNRNPA1	pseudoger chrX	1E+08	1E+08	-	1092	20.83532	0.126492	0.93254	0.333136	2.799274	0.006158	0.036249	1
ENSG0000	mucosal h	Inflamed	NVL	protein_cc chr1	2.24E+08	2.25E+08	-	4895	533.611	0	0.383272	0.136925	2.799148	0.00616	0.036254	1
ENSG0000	mucosal h	Inflamed	PRR15	protein_cc chr7	29603427	29606911	+	1982	4968.742	0.002387	0.916118	0.327341	2.798662	0.006169	0.036297	1
ENSG0000	mucosal h	Inflamed	SHISA4	protein_cc chr1	2.02E+08	2.02E+08	+	1746	158.2291	0	-0.58857	0.210394	-2.79746	0.00619	0.036414	1
ENSG0000	mucosal h	Inflamed	PPM1F	protein_cc chr22	22273793	22307209	-	7318	2164.461	0	-0.48601	0.17378	-2.79667	0.006204	0.036488	1
ENSG0000	mucosal h	Inflamed	PROB1	protein_cc chr5	1.39E+08	1.39E+08	-	3251	86.71599	0.01432	-0.65146	0.232953	-2.79652	0.006207	0.036496	1
ENSG0000	mucosal h	Inflamed	MXI1	protein_cc chr10	1.12E+08	1.12E+08	+	4607	2496.305	0	0.630882	0.22566	2.795719	0.006221	0.036571	1
ENSG0000	mucosal h	Inflamed	PP13439	protein_cc chr3	1.72E+08	1.72E+08	-	2906	18.6611	0.062053	0.758259	0.271248	2.795446	0.006226	0.036592	1
ENSG0000	mucosal h	Inflamed	RP11-422J	antisense chr1	37920480	37940012	-	1395	186.0835	0	-0.32075	0.114756	-2.7951	0.006232	0.03662	1
ENSG0000	mucosal h	Inflamed	TMCO1	protein_cc chr1	1.66E+08	1.66E+08	-	3082	2334.036	0	0.355547	0.127211	2.794948	0.006235	0.036628	1
ENSG0000	mucosal h	Inflamed	RP4-671G	antisense chr1	1.13E+08	1.13E+08	-	643	5.224344	0.169451	0.491181	0.175748	2.794807	0.006237	0.036634	1
ENSG0000	mucosal h	Inflamed	CTC-349C	protein_cc chr5	1.34E+08	1.35E+08	+	5007	56.00239	0.004773	0.482074	0.172502	2.794606	0.006241	0.036647	1
ENSG0000	mucosal h	Inflamed	ZNF429	protein_cc chr19	21679484	21739072	+	5019	153.864	0	0.523043	0.187187	2.794218	0.006248	0.03668	1
ENSG0000	mucosal h	Inflamed	OSGEP	protein_cc chr14	20914570	20923264	-	5041	1095.396	0	0.28693	0.102693	2.794063	0.00625	0.036688	1
ENSG0000	mucosal h	Inflamed	RP4-761J1	lincRNA chr12	6852151	6852807	+	657	8.899761	0.066826	0.522426	0.186993	2.793822	0.006255	0.036705	1
ENSG0000	mucosal h	Inflamed	FMO2	protein_cc chr1	1.71E+08	1.71E+08	+	6239	17.35561	0.157518	-0.958	0.342918	-2.79368	0.006257	0.036712	1
ENSG0000	mucosal h	Inflamed	RP11-807F	pseudoger chr11	71869866	71870905	+	741	20.75418	0.396181	0.774987	0.277416	2.79359	0.006259	0.036713	1
ENSG0000	mucosal h	Inflamed	RP11-697E	lincRNA chr15	90788645	90789043	+	399	5.470167	0.128878	0.432798	0.154957	2.793023	0.006269	0.036764	1
ENSG0000	mucosal h	Inflamed	CMTM8	protein_cc chr3	32280171	32411817	+	1174	269.5179	0	0.324072	0.116043	2.792692	0.006275	0.036791	1
ENSG0000	mucosal h	Inflamed	TRBV3-1	TR_V_gene chr7	1.42E+08	1.42E+08	+	391	20.11933	0.019093	-0.64031	0.229288	-2.79261	0.006276	0.036791	1
ENSG0000	mucosal h	Inflamed	TMEM183	protein_cc chr1	2.03E+08	2.03E+08	+	4026	1761.678	0	0.229781	0.082287	2.792429	0.00628	0.036802	1
ENSG0000	mucosal h	Inflamed	CD177	polymorpt chr19	43857811	43867480	+	2776	12710.85	0	1.262189	0.452042	2.792193	0.006284	0.036816	1
ENSG0000	mucosal h	Inflamed	MTFR1L	protein_cc chr1	26145131	26159432	+	5816	1599.535	0	0.203326	0.072821	2.792125	0.006285	0.036816	1
ENSG0000	mucosal h	Inflamed	PSMA8	protein_cc chr18	23713816	23773319	+	1894	4.078759	0.372315	-0.61849	0.221516	-2.79207	0.006286	0.036816	1
ENSG0000	mucosal h	Inflamed	DUSP10	protein_cc chr1	2.22E+08	2.22E+08	-	3474	251.4535	0	-0.42041	0.150601	-2.79153	0.006296	0.036861	1
ENSG0000	mucosal h	Inflamed	SLC1A3	protein_cc chr5	36606457	36688436	+	6265	159.1384	0.002387	-0.94878	0.339885	-2.79149	0.006297	0.036861	1
ENSG0000	mucosal h	Inflamed	GOLGA6L9	protein_cc chr15	83098710	83108085	+	6853	18.23866	0.073986	0.79549	0.285001	2.791179	0.006302	0.036885	1
ENSG0000	mucosal h	Inflamed	PDE9A	protein_cc chr21	44073746	44195619	+	5266	2389.862	0	0.795244	0.284925	2.791063	0.006304	0.036889	1
ENSG0000	mucosal h	Inflamed	SCN9A	protein_cc chr2	1.67E+08	1.67E+08	-	10368	188.4272	0	0.832243	0.298215	2.790746	0.00631	0.036914	1
ENSG0000	mucosal h	Inflamed	HEXIM1	protein_cc chr17	43224684	43229468	+	4785	2103.606	0	0.341302	0.122304	2.790596	0.006313	0.036922	1
ENSG0000	mucosal h	Inflamed	KCNH8	protein_cc chr3	19189946	19577138	+	6232	63.45107	0.011933	0.809434	0.290084	2.790345	0.006317	0.03694	1
ENSG0000	mucosal h	Inflamed	RP11-290F	sense_ove chr11	6129365	6206806	-	816	3.4821	0.288783	0.489356	0.175397	2.789994	0.006324	0.036969	1
ENSG0000	mucosal h	Inflamed	NDUFA5	protein_cc chr7	1.23E+08	1.23E+08	-	9851	1240.439	0	0.405533	0.145403	2.789034	0.006341	0.037062	1
ENSG0000	mucosal h	Inflamed	NECAB3	protein_cc chr20	32244893	32262269	-	4342	865.284	0	0.296367	0.106268	2.788852	0.006344	0.037073	1
ENSG0000	mucosal h	Inflamed	RHBDD1	protein_cc chr2	2.28E+08	2.28E+08	+	6926	1166.01	0	-0.3733	0.133875	-2.7884	0.006353	0.037113	1

ENSG0000	mucosal h	Inflamed	MIR429	miRNA	chr1	1104385	1104467	+	83	49.8401	0.026253	0.76143	0.273126	2.787837	0.006363	0.037158	1
ENSG0000	mucosal h	Inflamed	ABCC8	protein_cc	chr11	17414432	17498449	-	6835	59.01193	0.02148	0.831439	0.298247	2.787755	0.006364	0.037158	1
ENSG0000	mucosal h	Inflamed	FAM200B	protein_cc	chr4	15683285	15707188	+	4817	454.0883	0	0.361134	0.129544	2.787742	0.006364	0.037158	1
ENSG0000	mucosal h	Inflamed	CNP	protein_cc	chr17	40118759	40129749	+	7426	3126.033	0	-0.27044	0.09704	-2.78691	0.00638	0.037238	1
ENSG0000	mucosal h	Inflamed	PYCR1	protein_cc	chr17	79890260	79900288	-	2886	2890.554	0	-0.29702	0.10658	-2.78679	0.006382	0.037243	1
ENSG0000	mucosal h	Inflamed	CCR7	protein_cc	chr17	38710021	38721724	-	2508	573.3031	0	-1.06061	0.380638	-2.78639	0.006389	0.037269	1
ENSG0000	mucosal h	Inflamed	TMEM59	protein_cc	chr1	54497347	54519177	-	4156	9095.427	0	0.304473	0.109272	2.786385	0.006389	0.037269	1
ENSG0000	mucosal h	Inflamed	XXbac-B47	lincRNA	chr22	18512151	18520734	+	2379	11.7685	0.21957	-0.6795	0.243924	-2.78571	0.006402	0.037333	1
ENSG0000	mucosal h	Inflamed	SERPINA7	protein_cc	chrX	1.05E+08	1.05E+08	-	1980	1.038186	0.794749	0.31323	0.112448	2.785559	0.006404	0.037341	1
ENSG0000	mucosal h	Inflamed	SNX7	protein_cc	chr1	99127236	99226056	+	2088	960.58	0	0.349111	0.125345	2.785205	0.006411	0.037362	1
ENSG0000	mucosal h	Inflamed	MAGI2	protein_cc	chr7	77646393	79082890	-	9643	126.1766	0.002387	0.450456	0.161732	2.785203	0.006411	0.037362	1
ENSG0000	mucosal h	Inflamed	FGS	protein_cc	chr9	1.31E+08	1.31E+08	+	4040	1848.718	0	-0.29967	0.107597	-2.78512	0.006412	0.037363	1
ENSG0000	mucosal h	Inflamed	FER1L6	protein_cc	chr8	1.25E+08	1.25E+08	+	6058	1429.351	0.00716	1.07911	0.38752	2.784657	0.006421	0.037404	1
ENSG0000	mucosal h	Inflamed	RP5-874C2	pseudoger	chr6	28287437	28287629	-	193	0.840095	0.782816	0.336503	0.120849	2.784487	0.006424	0.037414	1
ENSG0000	mucosal h	Inflamed	HEG1	protein_cc	chr3	1.25E+08	1.25E+08	-	9925	3341.647	0	-0.63251	0.227176	-2.78422	0.006429	0.037434	1
ENSG0000	mucosal h	Inflamed	EPHX1	protein_cc	chr1	2.26E+08	2.26E+08	+	2504	2320.141	0	0.358871	0.128906	2.783984	0.006433	0.037451	1
ENSG0000	mucosal h	Inflamed	RP11-380F	lincRNA	chr4	23724885	23735202	-	639	14.3747	0.212411	0.764976	0.2748	2.783751	0.006437	0.037467	1
ENSG0000	mucosal h	Inflamed	TDRD5	protein_cc	chr1	1.8E+08	1.8E+08	+	4032	41.13365	0.040573	0.849212	0.305079	2.78358	0.006441	0.037477	1
ENSG0000	mucosal h	Inflamed	RP1-178F1	antisense	chr17	18171394	18172142	+	749	3.484487	0.243437	0.432105	0.155248	2.783321	0.006445	0.037493	1
ENSG0000	mucosal h	Inflamed	RP11-23J9	processed	chr9	1E+08	1E+08	+	3701	22.10501	0.050119	0.704032	0.25295	2.783281	0.006446	0.037493	1
ENSG0000	mucosal h	Inflamed	FRAS1	protein_cc	chr4	78978724	79465423	+	18960	304.148	0.01432	1.121724	0.403073	2.782931	0.006453	0.037522	1
ENSG0000	mucosal h	Inflamed	ZNF77	protein_cc	chr19	2933216	2944969	-	2437	102.537	0	0.382295	0.137395	2.782459	0.006461	0.037552	1
ENSG0000	mucosal h	Inflamed	RP11-517C	antisense	chr14	58836741	58862359	-	399	1.644391	0.539379	0.384494	0.138185	2.782453	0.006461	0.037552	1
ENSG0000	mucosal h	Inflamed	TRBV20-1	TR_V_gen	chr7	1.42E+08	1.42E+08	+	413	57.4463	0.004773	-0.73724	0.264963	-2.78242	0.006462	0.037552	1
ENSG0000	mucosal h	Inflamed	NLRC4	protein_cc	chr2	32449522	32490923	-	3624	111.9952	0.002387	-0.70734	0.254261	-2.78196	0.006471	0.03758	1
ENSG0000	mucosal h	Inflamed	MLLT4	protein_cc	chr6	1.68E+08	1.68E+08	+	13424	6402.897	0	0.527656	0.189671	2.781947	0.006471	0.03758	1
ENSG0000	mucosal h	Inflamed	RP11-22P6	antisense	chr16	28873487	28874661	-	544	5.47494	0.116945	0.442566	0.159086	2.781929	0.006471	0.03758	1
ENSG0000	mucosal h	Inflamed	ATP5F1	protein_cc	chr1	1.12E+08	1.12E+08	+	3383	5225.353	0	0.320091	0.11507	2.781694	0.006475	0.037597	1
ENSG0000	mucosal h	Inflamed	POFUT1	protein_cc	chr20	30795683	30826470	+	6426	3356.37	0	0.365548	0.131445	2.780994	0.006488	0.037663	1
ENSG0000	mucosal h	Inflamed	COL8A1	protein_cc	chr3	99357319	99518070	+	9408	718.8544	0.009547	-1.12253	0.403653	-2.78092	0.00649	0.037663	1
ENSG0000	mucosal h	Inflamed	RP3-355L5	lincRNA	chr6	1.06E+08	1.06E+08	-	541	7.844869	0.047733	0.448636	0.161342	2.78065	0.006495	0.037684	1
ENSG0000	mucosal h	Inflamed	RPL22L1	protein_cc	chr3	1.71E+08	1.71E+08	-	2326	591.58	0	-0.53167	0.191234	-2.7802	0.006503	0.037715	1
ENSG0000	mucosal h	Inflamed	AC092171	antisense	chr7	5459477	5462753	+	753	2.610979	0.372315	0.429934	0.154641	2.780205	0.006503	0.037715	1
ENSG0000	mucosal h	Inflamed	KCND2	protein_cc	chr7	1.2E+08	1.2E+08	+	5555	3.460621	0.630072	-0.75908	0.27308	-2.77968	0.006513	0.037763	1
ENSG0000	mucosal h	Inflamed	CD247	protein_cc	chr1	1.67E+08	1.67E+08	-	4034	439.4893	0	-0.49885	0.179476	-2.77951	0.006516	0.037773	1
ENSG0000	mucosal h	Inflamed	TAL1	protein_cc	chr1	47681962	47697892	-	5706	159.8544	0	-0.54562	0.196324	-2.77917	0.006522	0.037793	1
ENSG0000	mucosal h	Inflamed	MLKL	protein_cc	chr16	74705753	74734858	-	5692	1538.064	0	-0.48479	0.174435	-2.77917	0.006522	0.037793	1
ENSG0000	mucosal h	Inflamed	RP11-79H2	lincRNA	chr8	79749764	79752757	+	2994	39.59666	0.031026	-0.90565	0.325969	-2.77832	0.006538	0.037876	1
ENSG0000	mucosal h	Inflamed	AC024592	antisense	chr19	5847478	5858250	+	1188	30.47255	0.085919	0.877185	0.315735	2.778228	0.00654	0.037878	1
ENSG0000	mucosal h	Inflamed	RP11-347C	lincRNA	chr16	30366762	30367848	+	415	32.42721	0	0.317947	0.11445	2.778052	0.006543	0.037889	1

ENSG0000	mucosal h	Inflamed	SORCS2	protein_cc chr4	7194265	7744554	+	6292	650.494	0	-0.81757	0.294343	-2.77761	0.006551	0.037928	1
ENSG0000	mucosal h	Inflamed	RP11-561C	pseudoger chr15	85747141	85778026	-	3193	67.86874	0.004773	0.519141	0.186955	2.776829	0.006566	0.038004	1
ENSG0000	mucosal h	Inflamed	SLC25A41	protein_cc chr19	6426048	6433790	-	1649	13.821	0.159905	0.642811	0.231572	2.775863	0.006584	0.038101	1
ENSG0000	mucosal h	Inflamed	KDELRL3	protein_cc chr22	38864067	38879452	+	1929	1386.678	0	-0.4048	0.145873	-2.77505	0.006599	0.038181	1
ENSG0000	mucosal h	Inflamed	TRABD	protein_cc chr22	50624344	50638027	+	3153	3435.053	0	-0.27364	0.098622	-2.77462	0.006607	0.038219	1
ENSG0000	mucosal h	Inflamed	SYT3	protein_cc chr19	51124564	51171651	-	3832	7.51074	0.193317	-0.65449	0.235895	-2.77451	0.006609	0.038223	1
ENSG0000	mucosal h	Inflamed	PIIP5K1	protein_cc chr15	43825660	43882430	-	8054	1083.162	0	0.470136	0.169483	2.773941	0.00662	0.038276	1
ENSG0000	mucosal h	Inflamed	TREML4	protein_cc chr6	41196062	41206620	+	2712	4.245823	0.73031	-0.5929	0.213774	-2.77348	0.006629	0.038318	1
ENSG0000	mucosal h	Inflamed	TRAV4	TR_V_gen chr14	22204434	22205264	+	395	15.00716	0.047733	-0.64212	0.231536	-2.77332	0.006632	0.038327	1
ENSG0000	mucosal h	Inflamed	SOSTDC1	protein_cc chr7	16501106	16570205	-	2473	247.8663	0.011933	0.941214	0.339402	2.773158	0.006635	0.038336	1
ENSG0000	mucosal h	Inflamed	SCUBE2	protein_cc chr11	9041071	9159661	-	7968	570.9189	0.002387	0.635074	0.229018	2.773024	0.006637	0.038343	1
ENSG0000	mucosal h	Inflamed	SNORA47	snoRNA chr5	76376259	76376396	-	138	1.250597	0.668258	0.384004	0.138509	2.772404	0.006649	0.038398	1
ENSG0000	mucosal h	Inflamed	PRR5-ARH	protein_cc chr22	45098113	45258586	+	3264	23.51074	0.057279	0.77841	0.280774	2.772366	0.00665	0.038398	1
ENSG0000	mucosal h	Inflamed	KRT1	protein_cc chr12	53068520	53074191	-	2488	69.88783	0.016706	-0.6891	0.248656	-2.77128	0.00667	0.038507	1
ENSG0000	mucosal h	Inflamed	RP11-264E	lincRNA chr11	1.28E+08	1.28E+08	-	897	2.128878	0.615752	-0.59062	0.213127	-2.77121	0.006672	0.038507	1
ENSG0000	mucosal h	Inflamed	PARD6A	protein_cc chr16	67694849	67696681	+	1488	126.3389	0	-0.38538	0.139087	-2.77077	0.00668	0.038547	1
ENSG0000	mucosal h	Inflamed	GABRR1	protein_cc chr6	89887220	89940997	-	3772	2.560859	0.675418	0.586809	0.211829	2.770207	0.006691	0.0386	1
ENSG0000	mucosal h	Inflamed	GPR119	protein_cc chrX	1.3E+08	1.3E+08	-	1193	5.116945	0.291169	0.680884	0.245799	2.770086	0.006693	0.038605	1
ENSG0000	mucosal h	Inflamed	RP11-168C	lincRNA chr1	2.01E+08	2.01E+08	+	3508	8.164678	0.157518	-0.5846	0.21105	-2.76995	0.006696	0.038612	1
ENSG0000	mucosal h	Inflamed	CPT2	protein_cc chr1	53662101	53679869	+	3401	2631.277	0	0.431456	0.155782	2.769619	0.006702	0.03864	1
ENSG0000	mucosal h	Inflamed	RP11-893F	antisense chr17	48240884	48242677	-	1794	1.403341	0.653938	0.427855	0.154504	2.769217	0.00671	0.038675	1
ENSG0000	mucosal h	Inflamed	TMEM86A	protein_cc chr11	18714669	18726332	+	4243	347.7566	0	-0.37996	0.13723	-2.76881	0.006718	0.038712	1
ENSG0000	mucosal h	Inflamed	SIGIRR	protein_cc chr11	405716	417455	-	3496	2475.279	0	0.289664	0.104624	2.768621	0.006721	0.038724	1
ENSG0000	mucosal h	Inflamed	IQCH-AS1	lincRNA chr15	67695957	67814182	-	6732	175.6158	0	0.484187	0.174903	2.768322	0.006727	0.038748	1
ENSG0000	mucosal h	Inflamed	GSC	protein_cc chr14	95234553	95236562	-	1259	5.51074	0.341289	-0.67669	0.244446	-2.76824	0.006728	0.038749	1
ENSG0000	mucosal h	Inflamed	ART3	protein_cc chr4	76932337	77033955	+	3278	59.89021	0.02148	-1.00667	0.363718	-2.76773	0.006738	0.03879	1
ENSG0000	mucosal h	Inflamed	RP3-428L1	antisense chr6	1.61E+08	1.61E+08	-	2025	39.55609	0.004773	-0.83967	0.303386	-2.76765	0.00674	0.03879	1
ENSG0000	mucosal h	Inflamed	MT-ND6	protein_cc chrM	14149	14673	-	525	5315.652	0	0.583142	0.2107	2.767639	0.00674	0.03879	1
ENSG0000	mucosal h	Inflamed	RPAIN	protein_cc chr17	5322961	5336196	+	7430	915.9021	0	0.496674	0.179471	2.767435	0.006744	0.038804	1
ENSG0000	mucosal h	Inflamed	ZNF415	protein_cc chr19	53611132	53636330	-	3780	99.49881	0	0.481199	0.17389	2.767262	0.006747	0.038814	1
ENSG0000	mucosal h	Inflamed	DCTD	protein_cc chr4	1.84E+08	1.84E+08	-	3466	1971.033	0	-0.21247	0.076793	-2.76682	0.006756	0.038853	1
ENSG0000	mucosal h	Inflamed	BIRC3	protein_cc chr11	1.02E+08	1.02E+08	+	7484	2899.189	0	-0.86613	0.313064	-2.76662	0.006759	0.038853	1
ENSG0000	mucosal h	Inflamed	DHRS4L2	protein_cc chr14	24439148	24475617	+	2902	648.4773	0	0.251587	0.090937	2.766604	0.00676	0.038853	1
ENSG0000	mucosal h	Inflamed	R3HDM2	protein_cc chr12	57643392	57824788	-	6267	1201.091	0	0.321999	0.116388	2.766599	0.00676	0.038853	1
ENSG0000	mucosal h	Inflamed	SAMD12	protein_cc chr8	1.19E+08	1.2E+08	-	10756	611.821	0	0.661851	0.239235	2.766528	0.006761	0.038853	1
ENSG0000	mucosal h	Inflamed	ASH2L	protein_cc chr8	37962760	38001594	+	5795	1444.325	0	0.27491	0.099379	2.766277	0.006766	0.038872	1
ENSG0000	mucosal h	Inflamed	ZFP91	protein_cc chr11	58346584	58388515	+	5220	3349.926	0	0.477981	0.172799	2.766104	0.006769	0.038883	1
ENSG0000	mucosal h	Inflamed	EVX1	protein_cc chr7	27282164	27290112	+	3110	37.66587	0.136038	1.212478	0.438393	2.765734	0.006776	0.038915	1
ENSG0000	mucosal h	Inflamed	RP11-333E	antisense chr17	5095379	5151364	+	2190	53.28401	0.004773	0.469694	0.169843	2.765454	0.006782	0.038938	1
ENSG0000	mucosal h	Inflamed	ACTL6B	protein_cc chr7	1E+08	1E+08	-	2389	1.252983	0.692124	0.411195	0.148695	2.765355	0.006784	0.03894	1

ENSG0000	mucosal h	Inflamed	DCAF11	protein_cc chr14	24583404	24594451	+	6350	4773.403	0	0.24174	0.087437	2.764725	0.006796	0.039001	1
ENSG0000	mucosal h	Inflamed	ENPP7	protein_cc chr17	77704681	77716021	+	3549	25.67303	0.217184	-0.65752	0.237853	-2.76441	0.006802	0.039025	1
ENSG0000	mucosal h	Inflamed	SMOC1	protein_cc chr14	70320848	70499083	+	4369	369.2506	0	-0.95915	0.346988	-2.76421	0.006806	0.039025	1
ENSG0000	mucosal h	Inflamed	AVPR1B	protein_cc chr1	2.06E+08	2.06E+08	+	2237	12.95704	0.136038	0.776672	0.280976	2.764192	0.006806	0.039025	1
ENSG0000	mucosal h	Inflamed	SPSB3	protein_cc chr16	1826713	1843701	-	3192	1558.007	0	0.252295	0.091274	2.764167	0.006807	0.039025	1
ENSG0000	mucosal h	Inflamed	TFEC	protein_cc chr7	1.16E+08	1.16E+08	-	8644	184.7613	0	-0.75423	0.272868	-2.76408	0.006808	0.039025	1
ENSG0000	mucosal h	Inflamed	PTGR2	protein_cc chr14	74318547	74353530	+	8072	212.6492	0	0.550437	0.199145	2.764009	0.00681	0.039025	1
ENSG0000	mucosal h	Inflamed	SNHG9	lincRNA chr16	2014960	2015510	+	551	115.4988	0	-0.40377	0.146084	-2.76397	0.006811	0.039025	1
ENSG0000	mucosal h	Inflamed	DHRS13	protein_cc chr17	27224799	27230089	-	2944	418.7947	0	-0.29999	0.108549	-2.76365	0.006817	0.039041	1
ENSG0000	mucosal h	Inflamed	RHBDL1	protein_cc chr16	725666	728268	+	1884	55.62053	0	0.439726	0.159113	2.763602	0.006818	0.039041	1
ENSG0000	mucosal h	Inflamed	DCST1	protein_cc chr1	1.55E+08	1.55E+08	+	3193	3.22673	0.303103	0.4674	0.169131	2.763542	0.006819	0.039041	1
ENSG0000	mucosal h	Inflamed	FAM134B	protein_cc chr5	16473147	16617167	-	4568	1022.263	0	0.703155	0.254448	2.763453	0.006821	0.039041	1
ENSG0000	mucosal h	Inflamed	CHCHD10	protein_cc chr22	24108021	24110630	-	1360	4395.291	0	0.389823	0.141064	2.763448	0.006821	0.039041	1
ENSG0000	mucosal h	Inflamed	RP11-360F	lincRNA chr4	39135533	39137228	+	455	8.470167	0.176611	-0.65066	0.235469	-2.76324	0.006825	0.039043	1
ENSG0000	mucosal h	Inflamed	CTD-3195I	lincRNA chr17	3710042	3712148	-	2107	508.3699	0	0.533805	0.193182	2.763223	0.006825	0.039043	1
ENSG0000	mucosal h	Inflamed	RP11-780I	lincRNA chr17	19799903	19800600	-	698	26.179	0.026253	0.574006	0.207732	2.763197	0.006826	0.039043	1
ENSG0000	mucosal h	Inflamed	RP11-254I	lincRNA chr5	95549050	95550779	-	652	3.200477	0.596659	-0.65224	0.236056	-2.76309	0.006828	0.039046	1
ENSG0000	mucosal h	Inflamed	ZNF564	protein_cc chr19	12636184	12662356	-	3622	10.81623	0.033413	0.469046	0.169771	2.762812	0.006833	0.039069	1
ENSG0000	mucosal h	Inflamed	RP11-557I	lincRNA chr6	1.35E+08	1.35E+08	-	1731	1.747017	0.570406	-0.40678	0.147252	-2.76248	0.006839	0.039097	1
ENSG0000	mucosal h	Inflamed	PLEKHJ1	protein_cc chr19	2230002	2237703	-	4736	3312.258	0	0.316082	0.114426	2.762334	0.006842	0.039105	1
ENSG0000	mucosal h	Inflamed	CDK5	protein_cc chr7	1.51E+08	1.51E+08	-	2938	332.821	0	-0.29931	0.108369	-2.76199	0.006849	0.039134	1
ENSG0000	mucosal h	Inflamed	RALBP1	protein_cc chr18	9475007	9538114	+	4979	2936.1	0	0.383444	0.138843	2.761707	0.006854	0.039158	1
ENSG0000	mucosal h	Inflamed	NOL12	protein_cc chr22	38077680	38170137	+	10909	785.1575	0	0.260719	0.094409	2.761589	0.006857	0.039162	1
ENSG0000	mucosal h	Inflamed	C1orf115	protein_cc chr1	2.21E+08	2.21E+08	+	3413	3249.484	0	0.458457	0.166037	2.761174	0.006865	0.0392	1
ENSG0000	mucosal h	Inflamed	XK	protein_cc chrX	37545012	37591383	+	5206	1135.031	0	0.721601	0.261356	2.760989	0.006868	0.039209	1
ENSG0000	mucosal h	Inflamed	ACSL4	protein_cc chrX	1.09E+08	1.09E+08	-	6415	1924.143	0	-0.90064	0.326207	-2.76094	0.006869	0.039209	1
ENSG0000	mucosal h	Inflamed	NUDT12	protein_cc chr5	1.03E+08	1.03E+08	-	4304	432.8425	0	0.637107	0.230786	2.760592	0.006876	0.039239	1
ENSG0000	mucosal h	Inflamed	LTBP4	protein_cc chr19	41098789	41135725	+	8109	12185.94	0	0.566946	0.205457	2.759439	0.006899	0.039359	1
ENSG0000	mucosal h	Inflamed	WFS1	protein_cc chr4	6271576	6304992	+	4513	1751.334	0	-0.44023	0.159545	-2.75927	0.006902	0.039366	1
ENSG0000	mucosal h	Inflamed	COL12A1	protein_cc chr6	75794042	75915767	-	12476	5259.033	0	-0.98744	0.357867	-2.75923	0.006903	0.039366	1
ENSG0000	mucosal h	Inflamed	MLYCD	protein_cc chr16	83932731	83949787	+	5317	716.5943	0	0.229541	0.0832	2.758906	0.006909	0.039393	1
ENSG0000	mucosal h	Inflamed	RP11-343I	antisense chr1	2.07E+08	2.07E+08	-	358	0.828162	0.794749	-0.2939	0.106531	-2.75878	0.006912	0.039399	1
ENSG0000	mucosal h	Inflamed	RAD51-AS1	processed_transcript chr15	40978922	40987305	-	1696	312.7757	0	0.745225	0.27014	2.758664	0.006914	0.039403	1
ENSG0000	mucosal h	Inflamed	MYH15	protein_cc chr3	1.08E+08	1.08E+08	-	7694	24.34368	0.00716	0.563762	0.204394	2.758213	0.006923	0.039443	1
ENSG0000	mucosal h	Inflamed	KAT8	protein_cc chr16	31127075	31142714	+	4334	1436.678	0	0.200789	0.072799	2.758125	0.006925	0.039443	1
ENSG0000	mucosal h	Inflamed	LRFN5	protein_cc chr14	42076773	42373752	+	6140	50.24344	0.050119	-0.70793	0.256675	-2.75808	0.006925	0.039443	1
ENSG0000	mucosal h	Inflamed	GSTP1	protein_cc chr11	67351066	67354131	+	1925	8214.43	0	-0.3513	0.127424	-2.7569	0.006949	0.039567	1
ENSG0000	mucosal h	Inflamed	EFTUD1	protein_cc chr15	82422571	82555104	-	4733	906.0501	0	0.519941	0.188616	2.756619	0.006954	0.03959	1
ENSG0000	mucosal h	Inflamed	RNF215	protein_cc chr22	30773835	30817760	-	3079	277.2387	0	-0.3576	0.129742	-2.75627	0.006961	0.03962	1
ENSG0000	mucosal h	Inflamed	RP11-334L	pseudogene chr1	39174603	39176562	+	1960	9.873508	0.047733	-0.49981	0.181354	-2.75597	0.006967	0.039641	1

ENSG0000	mucosal h	Inflamed	RP3-405J1	sense_intr	chr12	50579363	50585146	-	4713	72.72554	0.054893	1.005204	0.364741	2.755937	0.006968	0.039641	1
ENSG0000	mucosal h	Inflamed	PCDHB19P	pseudoger	chr5	1.41E+08	1.41E+08	+	2347	2.5179	0.429594	0.445252	0.161566	2.755851	0.006969	0.039642	1
ENSG0000	mucosal h	Inflamed	SIRPD	protein_cc	chr20	1514897	1539489	-	1961	3.797136	0.322196	-0.56387	0.204615	-2.75575	0.006971	0.039644	1
ENSG0000	mucosal h	Inflamed	FAM177B	protein_cc	chr1	2.23E+08	2.23E+08	+	2601	252.4057	0	0.701817	0.254746	2.754967	0.006987	0.039724	1
ENSG0000	mucosal h	Inflamed	RP4-655J1	lincRNA	chr1	1.17E+08	1.17E+08	-	1701	3.026253	0.355609	0.426496	0.154829	2.754632	0.006993	0.039739	1
ENSG0000	mucosal h	Inflamed	RP11-525k	antisense	chr16	80188950	80597032	-	2990	17.25298	0.100239	0.819834	0.297626	2.754574	0.006995	0.039739	1
ENSG0000	mucosal h	Inflamed	C17orf72	protein_cc	chr17	62075711	62081664	+	4142	15.74702	0.052506	-0.52921	0.192123	-2.75456	0.006995	0.039739	1
ENSG0000	mucosal h	Inflamed	GRAPL	protein_cc	chr17	19030782	19062489	+	2028	2.052506	0.553699	-0.45418	0.164884	-2.75453	0.006995	0.039739	1
ENSG0000	mucosal h	Inflamed	ANKRD65	protein_cc	chr1	1353800	1357149	-	2644	158.1074	0	-0.65816	0.238947	-2.75442	0.006998	0.039743	1
ENSG0000	mucosal h	Inflamed	SIGLEC14	protein_cc	chr19	52145806	52150054	-	2082	206.0621	0.02864	-0.85499	0.31045	-2.75403	0.007005	0.039778	1
ENSG0000	mucosal h	Inflamed	PROSC	protein_cc	chr8	37620111	37637283	+	3426	1898.532	0	0.311093	0.112962	2.753955	0.007007	0.039778	1
ENSG0000	mucosal h	Inflamed	RP11-369k	pseudoger	chr8	12815896	12819709	+	1418	11.6611	0.088305	0.669758	0.243221	2.753695	0.007012	0.039798	1
ENSG0000	mucosal h	Inflamed	HIST2H2A	protein_cc	chr1	1.5E+08	1.5E+08	+	437	11.08115	0.026253	-0.49096	0.178323	-2.75318	0.007022	0.039848	1
ENSG0000	mucosal h	Inflamed	PABPN1L	protein_cc	chr16	88928034	88933068	-	1387	1.890215	0.568019	-0.45232	0.164324	-2.75258	0.007034	0.039907	1
ENSG0000	mucosal h	Inflamed	DUOX1	protein_cc	chr15	45422131	45457774	+	8784	190.3771	0.002387	-0.7966	0.289426	-2.75232	0.007039	0.039928	1
ENSG0000	mucosal h	Inflamed	CTC-459F4	pseudoger	chr19	28294446	28294968	+	523	4.968974	0.164678	0.481467	0.174959	2.751878	0.007048	0.039968	1
ENSG0000	mucosal h	Inflamed	MMP13	protein_cc	chr11	1.03E+08	1.03E+08	-	2834	133.4678	0.384248	-1.74212	0.633079	-2.75181	0.00705	0.039968	1
ENSG0000	mucosal h	Inflamed	ANKRD16	protein_cc	chr10	5903580	5931869	-	3059	260.42	0	-0.289	0.105033	-2.75148	0.007056	0.039998	1
ENSG0000	mucosal h	Inflamed	KRTAP5-8	protein_cc	chr11	71249071	71250253	+	1183	2.011933	0.508353	0.45005	0.163604	2.750857	0.007069	0.040043	1
ENSG0000	mucosal h	Inflamed	SRPRB	protein_cc	chr3	1.34E+08	1.34E+08	+	4180	1779.78	0	-0.35182	0.127895	-2.75084	0.007069	0.040043	1
ENSG0000	mucosal h	Inflamed	CASP10	protein_cc	chr2	2.02E+08	2.02E+08	+	7598	4318.632	0	-0.49343	0.179374	-2.75083	0.007069	0.040043	1
ENSG0000	mucosal h	Inflamed	FLT4	protein_cc	chr5	1.8E+08	1.8E+08	-	8849	467.1384	0.002387	-0.7347	0.267088	-2.75077	0.00707	0.040043	1
ENSG0000	mucosal h	Inflamed	LANCL2	protein_cc	chr7	55433141	55501435	+	5235	854.7208	0	0.278667	0.101308	2.750696	0.007072	0.040043	1
ENSG0000	mucosal h	Inflamed	CTC-205M	sense_ove	chr5	1.8E+08	1.8E+08	-	3088	114.7876	0.009547	-0.58161	0.211519	-2.74969	0.007092	0.040144	1
ENSG0000	mucosal h	Inflamed	HIST1H3E	protein_cc	chr6	26225383	26225844	+	462	37.93317	0.00716	0.596014	0.216762	2.749626	0.007093	0.040144	1
ENSG0000	mucosal h	Inflamed	RP11-457M	lincRNA	chr6	26686469	26688192	+	1724	28.88783	0.02864	0.754064	0.274248	2.749574	0.007094	0.040144	1
ENSG0000	mucosal h	Inflamed	CCDC30	protein_cc	chr1	42929001	43120335	+	13539	58.27208	0.004773	0.557961	0.202934	2.749476	0.007096	0.040147	1
ENSG0000	mucosal h	Inflamed	DNAH5	protein_cc	chr5	13690440	13944652	-	16475	32.81862	0.038186	-0.82445	0.299926	-2.74884	0.007109	0.040207	1
ENSG0000	mucosal h	Inflamed	MYH3	protein_cc	chr17	10531843	10560626	-	6686	106.5346	0.019093	0.793853	0.288801	2.748792	0.00711	0.040207	1
ENSG0000	mucosal h	Inflamed	TMEM191	lincRNA	chr22	21820712	21825558	+	4299	17.29117	0.002387	0.408485	0.148614	2.748631	0.007113	0.040215	1
ENSG0000	mucosal h	Inflamed	ZNF223	protein_cc	chr19	44555520	44572144	+	3329	45.96181	0.00716	0.696737	0.253491	2.748571	0.007115	0.040215	1
ENSG0000	mucosal h	Inflamed	SPRR2A	protein_cc	chr1	1.53E+08	1.53E+08	-	709	15.94033	0.642005	-1.19363	0.434295	-2.74843	0.007117	0.040223	1
ENSG0000	mucosal h	Inflamed	ACER2	protein_cc	chr9	19408925	19452018	+	2437	224.8759	0.01432	0.816623	0.297134	2.748331	0.007119	0.040225	1
ENSG0000	mucosal h	Inflamed	FBXO44	protein_cc	chr1	11714432	11723384	+	3527	425.6897	0	-0.48729	0.177313	-2.74819	0.007122	0.040232	1
ENSG0000	mucosal h	Inflamed	RP11-378J	antisense	chr1	2.23E+08	2.23E+08	+	1450	16.20525	0.00716	0.481932	0.175414	2.747398	0.007138	0.040314	1
ENSG0000	mucosal h	Inflamed	AC005789	lincRNA	chr19	38888821	38890521	+	1701	26.68496	0.026253	-0.69293	0.25222	-2.7473	0.00714	0.040316	1
ENSG0000	mucosal h	Inflamed	KLHDC9	protein_cc	chr1	1.61E+08	1.61E+08	+	1720	114.4726	0	0.414971	0.151081	2.746688	0.007153	0.040378	1
ENSG0000	mucosal h	Inflamed	SNORA5C	snoRNA	chr7	45144505	45144641	-	137	14.36516	0.042959	0.492156	0.17921	2.746246	0.007162	0.04042	1
ENSG0000	mucosal h	Inflamed	RNF183	protein_cc	chr9	1.16E+08	1.16E+08	-	3646	125.58	0.002387	-0.86795	0.316065	-2.7461	0.007165	0.04042	1
ENSG0000	mucosal h	Inflamed	APH1B	protein_cc	chr15	63568217	63601325	+	5494	409.3246	0	-0.40301	0.146756	-2.74609	0.007165	0.04042	1

ENSG0000	mucosal h	Inflamed	GET4	protein_cc chr7	916189	936073	+	5392	377.7828	0	0.391442	0.142566	2.74569	0.007173	0.040452	1
ENSG0000	mucosal h	Inflamed	IFIT3	protein_cc chr10	91087651	91100728	+	2640	622.8329	0	-0.76536	0.278757	-2.74563	0.007174	0.040452	1
ENSG0000	mucosal h	Inflamed	COL4A6	protein_cc chrX	1.07E+08	1.08E+08	-	9942	476.1647	0	0.792058	0.288484	2.745583	0.007175	0.040452	1
ENSG0000	mucosal h	Inflamed	ACVR2B	protein_cc chr3	38495342	38534633	+	15744	338.3174	0	0.50752	0.184858	2.745453	0.007178	0.040459	1
ENSG0000	mucosal h	Inflamed	CRISPLD1	protein_cc chr8	75896750	75946793	+	4543	36.30072	0.045346	-0.82114	0.299174	-2.74469	0.007193	0.040537	1
ENSG0000	mucosal h	Inflamed	ALP2	protein_cc chr11	1.3E+08	1.3E+08	+	7444	20839.55	0	0.409409	0.149188	2.744244	0.007202	0.04058	1
ENSG0000	mucosal h	Inflamed	C1orf131	protein_cc chr1	2.31E+08	2.31E+08	-	5413	401.2482	0	0.399536	0.145609	2.743893	0.007209	0.040606	1
ENSG0000	mucosal h	Inflamed	MESP2	protein_cc chr15	90303822	90321982	+	1780	37.2506	0.00716	0.593521	0.216308	2.743865	0.00721	0.040606	1
ENSG0000	mucosal h	Inflamed	HSPA13	protein_cc chr21	15743436	15755805	-	4194	739.7303	0.002387	-0.59393	0.216487	-2.74347	0.007218	0.040643	1
ENSG0000	mucosal h	Inflamed	MARVELD1	protein_cc chr5	68710939	68740157	+	4898	1449.692	0	0.650407	0.237101	2.743168	0.007224	0.040662	1
ENSG0000	mucosal h	Inflamed	BIN2	protein_cc chr12	51674822	51718452	-	3976	1171.069	0	-0.51079	0.186208	-2.74315	0.007225	0.040662	1
ENSG0000	mucosal h	Inflamed	NOVA2	protein_cc chr19	46436992	46476804	-	8684	197.58	0.01432	-0.70345	0.256453	-2.74299	0.007228	0.040672	1
ENSG0000	mucosal h	Inflamed	NFKBIZ	protein_cc chr3	1.02E+08	1.02E+08	+	5902	4512.265	0	-0.64752	0.236136	-2.74214	0.007245	0.04076	1
ENSG0000	mucosal h	Inflamed	PIK3AP1	protein_cc chr10	98353069	98480271	-	5691	1655.585	0	-0.53025	0.193403	-2.74169	0.007254	0.040804	1
ENSG0000	mucosal h	Inflamed	FYN	protein_cc chr6	1.12E+08	1.12E+08	-	7411	1495.057	0	-0.54928	0.200362	-2.74144	0.007259	0.040824	1
ENSG0000	mucosal h	Inflamed	TP53INP2	protein_cc chr20	33292094	33301243	+	4228	8214.155	0	0.479621	0.17496	2.741319	0.007262	0.040829	1
ENSG0000	mucosal h	Inflamed	PLIN3	protein_cc chr19	4838353	4867780	-	2813	6114.582	0	-0.37177	0.135635	-2.74098	0.007269	0.040859	1
ENSG0000	mucosal h	Inflamed	RP5-831K1	pseudoger chr1	81563952	81564690	-	739	2.649165	0.415274	0.386604	0.141063	2.740652	0.007276	0.040889	1
ENSG0000	mucosal h	Inflamed	CHMP4C	protein_cc chr8	82644669	82671750	+	1866	646.136	0	0.609496	0.222407	2.740453	0.00728	0.040903	1
ENSG0000	mucosal h	Inflamed	RPP14	protein_cc chr3	58291974	58310422	+	8608	1015.477	0	0.393101	0.143461	2.740131	0.007286	0.040929	1
ENSG0000	mucosal h	Inflamed	RTP4	protein_cc chr3	1.87E+08	1.87E+08	+	1554	236.6683	0	-0.42384	0.154683	-2.74008	0.007287	0.040929	1
ENSG0000	mucosal h	Inflamed	RP11-282k	sense_intr chr12	19300008	19307593	+	5391	6.183771	0.124105	0.515285	0.18808	2.73971	0.007295	0.040963	1
ENSG0000	mucosal h	Inflamed	NUMA1	protein_cc chr11	71713910	71791739	-	15212	17126.19	0	0.403855	0.147441	2.739094	0.007308	0.041025	1
ENSG0000	mucosal h	Inflamed	LGR6	protein_cc chr1	2.02E+08	2.02E+08	+	4583	280.9212	0.004773	0.831737	0.303677	2.738892	0.007312	0.04104	1
ENSG0000	mucosal h	Inflamed	PPIAL4G	protein_cc chr1	1.44E+08	1.44E+08	-	738	1.606205	0.603819	-0.38071	0.139017	-2.73857	0.007319	0.041069	1
ENSG0000	mucosal h	Inflamed	NAB2	protein_cc chr12	57482677	57489259	+	3010	744.5322	0	-0.51307	0.187412	-2.73766	0.007337	0.041163	1
ENSG0000	mucosal h	Inflamed	RASAL3	protein_cc chr19	15562435	15575382	-	4681	1285.778	0	-0.57717	0.21085	-2.73736	0.007344	0.041163	1
ENSG0000	mucosal h	Inflamed	MFHAS1	protein_cc chr8	8640864	8751155	-	6883	2284.42	0	0.423428	0.154685	2.737353	0.007344	0.041163	1
ENSG0000	mucosal h	Inflamed	NPIP15	protein_cc chr16	74411776	74425978	+	1428	273.031	0.138425	0.908287	0.331812	2.737352	0.007344	0.041163	1
ENSG0000	mucosal h	Inflamed	LGALS2	protein_cc chr22	37966255	37978623	-	826	506.5632	0	0.672409	0.245648	2.73729	0.007345	0.041163	1
ENSG0000	mucosal h	Inflamed	RP1-257I2	sense_intr chr22	42485634	42486032	-	399	21.38186	0.047733	0.710419	0.259535	2.737278	0.007345	0.041163	1
ENSG0000	mucosal h	Inflamed	PACS1	protein_cc chr11	65837834	66012218	+	9037	2879.358	0	-0.5461	0.199509	-2.73722	0.007347	0.041163	1
ENSG0000	mucosal h	Inflamed	LSP1	protein_cc chr11	1874200	1913497	+	5399	4886.85	0	-0.52091	0.190311	-2.73715	0.007348	0.041163	1
ENSG0000	mucosal h	Inflamed	AMY2B	protein_cc chr1	1.04E+08	1.04E+08	+	7491	169.6325	0	0.820599	0.299809	2.737074	0.00735	0.041163	1
ENSG0000	mucosal h	Inflamed	LRRC18	protein_cc chr10	50117528	50143242	-	1784	15.11695	0.064439	0.725346	0.265112	2.735997	0.007372	0.041263	1
ENSG0000	mucosal h	Inflamed	GSR	protein_cc chr8	30535583	30585443	-	3232	4680.563	0	0.306242	0.111931	2.735992	0.007372	0.041263	1
ENSG0000	mucosal h	Inflamed	RP11-126L	antisense chr7	1E+08	1E+08	-	369	5.250597	0.152745	0.500762	0.183032	2.735928	0.007373	0.041263	1
ENSG0000	mucosal h	Inflamed	SLC22A31	protein_cc chr16	89262406	89268072	-	2373	34.60859	0.02148	-0.71804	0.262451	-2.73591	0.007374	0.041263	1
ENSG0000	mucosal h	Inflamed	RPL23AP8	pseudoger chr20	39825331	39825797	+	467	1.949881	0.505967	0.40466	0.147927	2.735543	0.007381	0.041297	1
ENSG0000	mucosal h	Inflamed	RP11-295I	sense_intr chr16	53202434	53203362	+	510	0.897375	0.76611	0.28485	0.104138	2.735314	0.007386	0.041315	1

ENSG0000	mucosal h	Inflamed	DPEP2	protein_cc	chr16	68021297	68034489	-	3498	275.8377	0	-0.53054	0.194001	-2.73471	0.007399	0.041342	1
ENSG0000	mucosal h	Inflamed	RP11-7610	antisense	chr15	81616718	81654378	+	1349	36.53699	0	-0.46491	0.170006	-2.73467	0.007399	0.041342	1
ENSG0000	mucosal h	Inflamed	RP11-173E	pseudoger	chr4	1.39E+08	1.39E+08	+	1238	1.386635	0.622912	-0.32596	0.119197	-2.73463	0.0074	0.041342	1
ENSG0000	mucosal h	Inflamed	TTC40	protein_cc	chr10	1.35E+08	1.35E+08	-	10561	9.27685	0.188544	-0.7114	0.26015	-2.73458	0.007401	0.041342	1
ENSG0000	mucosal h	Inflamed	RP11-57H	protein_cc	chr1	95583479	95712781	+	1961	2.164678	0.50358	0.369277	0.135044	2.734497	0.007403	0.041342	1
ENSG0000	mucosal h	Inflamed	TEX41	lincRNA	chr2	1.45E+08	1.46E+08	+	10623	3.813842	0.410501	-0.63282	0.231423	-2.73449	0.007403	0.041342	1
ENSG0000	mucosal h	Inflamed	RP11-797f	antisense	chr7	64348905	64350478	-	1062	7.980907	0.171838	0.563851	0.2062	2.734486	0.007403	0.041342	1
ENSG0000	mucosal h	Inflamed	RP11-680C	lincRNA	chr17	11191522	11194128	+	2607	2.775656	0.541766	0.674639	0.246716	2.734477	0.007404	0.041342	1
ENSG0000	mucosal h	Inflamed	ASPA	protein_cc	chr17	3375668	3406713	+	5854	142.2124	0.004773	0.833588	0.304863	2.734303	0.007407	0.041354	1
ENSG0000	mucosal h	Inflamed	NPY4R	protein_cc	chr10	47083534	47088320	+	1956	425.8449	0.011933	1.105414	0.4044	2.733465	0.007425	0.041443	1
ENSG0000	mucosal h	Inflamed	AC091878	antisense	chr5	17130137	17217156	-	2941	3.138425	0.513126	-0.59489	0.217639	-2.73337	0.007427	0.041445	1
ENSG0000	mucosal h	Inflamed	FAM69B	protein_cc	chr9	1.4E+08	1.4E+08	+	2704	121.4463	0	-0.63812	0.233496	-2.73289	0.007437	0.041493	1
ENSG0000	mucosal h	Inflamed	KCNK5	protein_cc	chr6	39156749	39197226	-	3756	2931.826	0	0.663143	0.242729	2.732034	0.007455	0.041578	1
ENSG0000	mucosal h	Inflamed	LRR8C	protein_cc	chr1	90098631	90235462	+	11724	522.8425	0	-0.61779	0.226131	-2.73201	0.007455	0.041578	1
ENSG0000	mucosal h	Inflamed	CTD-2062f	lincRNA	chr14	1.01E+08	1.01E+08	+	553	1.792363	0.513126	0.367784	0.134645	2.731505	0.007466	0.041628	1
ENSG0000	mucosal h	Inflamed	CTD-2324f	lincRNA	chr5	6310554	6339997	-	2923	8.570406	0.162291	0.656799	0.240485	2.731142	0.007473	0.04166	1
ENSG0000	mucosal h	Inflamed	CYP51P1	pseudoger	chr3	82855666	82857172	-	1507	3.229117	0.326969	0.47954	0.175586	2.731082	0.007475	0.04166	1
ENSG0000	mucosal h	Inflamed	TSPAN9	protein_cc	chr12	3186521	3395730	+	5714	1525.334	0	-0.51199	0.187487	-2.73081	0.00748	0.041668	1
ENSG0000	mucosal h	Inflamed	TMEM30B	protein_cc	chr14	61744088	61748558	-	4471	4003.227	0	0.647713	0.237189	2.730791	0.007481	0.041668	1
ENSG0000	mucosal h	Inflamed	C19orf35	protein_cc	chr19	2274631	2282181	-	2767	75.22196	0.002387	-0.65259	0.238975	-2.73079	0.007481	0.041668	1
ENSG0000	mucosal h	Inflamed	FAM201A	antisense	chr9	38620471	38624987	+	3847	91.12411	0.004773	0.65703	0.240607	2.730718	0.007482	0.041668	1
ENSG0000	mucosal h	Inflamed	UGT2B7	protein_cc	chr4	69917081	69978705	+	2259	98.43198	0.016706	0.767895	0.281234	2.73045	0.007488	0.04169	1
ENSG0000	mucosal h	Inflamed	RP11-122C	lincRNA	chr1	1.61E+08	1.61E+08	+	1807	142.6539	0.004773	0.589468	0.215896	2.730338	0.00749	0.041695	1
ENSG0000	mucosal h	Inflamed	AP000255	lincRNA	chr21	33108045	33108720	+	676	2.264916	0.405728	0.423989	0.155313	2.729897	0.0075	0.041738	1
ENSG0000	mucosal h	Inflamed	NT5DC3	protein_cc	chr12	1.04E+08	1.04E+08	-	8722	575.5274	0	0.57057	0.209014	2.729814	0.007502	0.041739	1
ENSG0000	mucosal h	Inflamed	CHID1	protein_cc	chr11	867357	915058	-	6265	1799.453	0	-0.24159	0.088508	-2.72956	0.007507	0.04176	1
ENSG0000	mucosal h	Inflamed	MOB3B	protein_cc	chr9	27325207	27529779	-	7087	2426.031	0	0.46916	0.171904	2.729205	0.007514	0.041793	1
ENSG0000	mucosal h	Inflamed	TSPAN15	protein_cc	chr10	71211229	71267425	+	2646	4009.695	0	0.306929	0.112489	2.728534	0.007529	0.041856	1
ENSG0000	mucosal h	Inflamed	C5orf63	protein_cc	chr5	1.26E+08	1.26E+08	-	7190	214.4773	0	0.546169	0.200174	2.728469	0.00753	0.041856	1
ENSG0000	mucosal h	Inflamed	SDK1	protein_cc	chr7	3341080	4308632	+	12045	1199.141	0	-0.73227	0.268398	-2.7283	0.007534	0.041856	1
ENSG0000	mucosal h	Inflamed	METTL10	protein_cc	chr10	1.26E+08	1.26E+08	-	4225	200.222	0	0.335466	0.122961	2.728237	0.007535	0.041856	1
ENSG0000	mucosal h	Inflamed	RP11-426C	lincRNA	chr16	29228491	29231352	-	2099	12.58711	0.279236	-0.98305	0.360328	-2.72822	0.007535	0.041856	1
ENSG0000	mucosal h	Inflamed	CXorf24	protein_cc	chrX	47342970	47344207	+	1238	65.32458	0.011933	0.439611	0.161135	2.728213	0.007535	0.041856	1
ENSG0000	mucosal h	Inflamed	TPM4	protein_cc	chr19	16177831	16213813	+	7412	20339.63	0	-0.36335	0.133213	-2.7276	0.007548	0.041919	1
ENSG0000	mucosal h	Inflamed	RP11-672L	lincRNA	chr18	813275	813757	+	483	9.217184	0.059666	0.527716	0.193498	2.727244	0.007556	0.041952	1
ENSG0000	mucosal h	Inflamed	RP11-388C	sense_intr	chr17	80702944	80703585	+	642	19.07876	0.078759	0.670091	0.245708	2.72718	0.007557	0.041952	1
ENSG0000	mucosal h	Inflamed	MIR647	miRNA	chr20	62573984	62574079	-	96	15.87351	0.088305	0.661762	0.242667	2.72703	0.007561	0.04196	1
ENSG0000	mucosal h	Inflamed	HS3ST6	protein_cc	chr16	1961464	1968441	-	1273	12.05012	0.544153	0.814145	0.298648	2.726102	0.00758	0.042061	1
ENSG0000	mucosal h	Inflamed	RHBDD3	protein_cc	chr22	29655841	29664198	-	3014	806.3723	0	-0.25036	0.091847	-2.72582	0.007586	0.04208	1
ENSG0000	mucosal h	Inflamed	PCSK5	protein_cc	chr9	78505560	78977255	+	12705	2087.747	0	0.691655	0.253744	2.725794	0.007587	0.04208	1

ENSG0000	mucosal h	Inflamed	COL4A5	protein_cc	chrX	1.08E+08	1.08E+08	+	8738	925.6659	0	0.640105	0.234847	2.725625	0.007591	0.042091	1
ENSG0000	mucosal h	Inflamed	SPATS2	protein_cc	chr12	49760367	49921205	+	6838	934.179	0	-0.45261	0.166084	-2.72521	0.007599	0.042132	1
ENSG0000	mucosal h	Inflamed	RP11-646E	lincRNA	chr3	1.82E+08	1.82E+08	+	592	1.272076	0.687351	0.331571	0.121681	2.724908	0.007606	0.042158	1
ENSG0000	mucosal h	Inflamed	EGFR-AS1	antisense	chr7	55247443	55256627	-	2806	5.589499	0.50358	0.518543	0.190312	2.724706	0.00761	0.042174	1
ENSG0000	mucosal h	Inflamed	RP11-74C1	pseudoger	chr1	1.52E+08	1.52E+08	+	495	10.83294	0.026253	0.459892	0.168812	2.724289	0.007619	0.042214	1
ENSG0000	mucosal h	Inflamed	LRR7	protein_cc	chr1	70034081	70617628	+	14652	16.53222	0.155131	0.919093	0.337419	2.723895	0.007628	0.042252	1
ENSG0000	mucosal h	Inflamed	ANGPTL1	protein_cc	chr1	1.79E+08	1.79E+08	-	3403	97.50835	0.009547	0.98833	0.362873	2.723625	0.007633	0.042275	1
ENSG0000	mucosal h	Inflamed	FCGBP	protein_cc	chr19	40353963	40440533	-	16564	184371.1	0	0.968921	0.355767	2.72347	0.007637	0.042282	1
ENSG0000	mucosal h	Inflamed	RP11-415F	antisense	chr3	16355946	16356494	+	549	11.47733	0.071599	0.634516	0.232985	2.723418	0.007638	0.042282	1
ENSG0000	mucosal h	Inflamed	CRB2	protein_cc	chr9	1.26E+08	1.26E+08	+	6349	252.568	0	0.667941	0.245284	2.723135	0.007644	0.0423	1
ENSG0000	mucosal h	Inflamed	RN7SL706l	misc_RNA	chr14	68616337	68616625	-	289	0.947494	0.789976	0.338824	0.124429	2.72303	0.007646	0.0423	1
ENSG0000	mucosal h	Inflamed	C17orf49	protein_cc	chr17	6917814	6920844	+	2628	260.6134	0	-0.28004	0.102842	-2.72297	0.007647	0.0423	1
ENSG0000	mucosal h	Inflamed	IRF5	protein_cc	chr7	1.29E+08	1.29E+08	+	4375	729.3962	0	-0.37457	0.137559	-2.72297	0.007647	0.0423	1
ENSG0000	mucosal h	Inflamed	CTD-2382f	antisense	chr15	42264961	42291292	+	2499	1.319809	0.639618	0.308061	0.113172	2.722073	0.007667	0.042398	1
ENSG0000	mucosal h	Inflamed	SLC7A3	protein_cc	chrX	70145432	70150975	-	2265	4.756563	0.24821	0.606091	0.222699	2.721567	0.007678	0.042449	1
ENSG0000	mucosal h	Inflamed	NDNF	protein_cc	chr4	1.22E+08	1.22E+08	-	3556	339.6086	0.002387	0.667162	0.245149	2.721453	0.00768	0.042454	1
ENSG0000	mucosal h	Inflamed	HOOK2	protein_cc	chr19	12873817	12983554	-	5950	2355.437	0	0.39534	0.145282	2.721201	0.007686	0.042475	1
ENSG0000	mucosal h	Inflamed	RP11-218C	lincRNA	chr20	23612463	23612953	-	491	11.61337	0.040573	0.478545	0.175884	2.720803	0.007694	0.042499	1
ENSG0000	mucosal h	Inflamed	RP1-60O1f	lincRNA	chr6	1.07E+08	1.07E+08	-	6610	23.17422	0.050119	0.749182	0.275354	2.720799	0.007694	0.042499	1
ENSG0000	mucosal h	Inflamed	RSPH3	protein_cc	chr6	1.59E+08	1.59E+08	-	6561	731.2243	0	0.345805	0.127098	2.720776	0.007695	0.042499	1
ENSG0000	mucosal h	Inflamed	NLRP14	protein_cc	chr11	7041677	7092539	+	3628	6.940334	0.176611	-0.62863	0.231066	-2.72056	0.007699	0.042515	1
ENSG0000	mucosal h	Inflamed	RP11-792I	lincRNA	chr4	79567057	79603853	+	2951	26.78759	0.00716	-0.56211	0.206637	-2.72031	0.007705	0.042537	1
ENSG0000	mucosal h	Inflamed	ELAVL2	protein_cc	chr9	23690102	23826335	-	5140	9.093079	0.252983	0.717056	0.263643	2.719796	0.007716	0.042586	1
ENSG0000	mucosal h	Inflamed	CTD-2089f	lincRNA	chr5	50265051	50266001	-	606	1.145585	0.735084	0.427535	0.157196	2.719751	0.007717	0.042586	1
ENSG0000	mucosal h	Inflamed	STAT5A	protein_cc	chr17	40439565	40463961	+	5756	2245.952	0	-0.37029	0.136163	-2.71945	0.007723	0.042612	1
ENSG0000	mucosal h	Inflamed	IGFBP7-AS	antisense	chr4	57975928	58071676	+	1740	9.873508	0.062053	-0.59303	0.218076	-2.71938	0.007725	0.042612	1
ENSG0000	mucosal h	Inflamed	DDR1	protein_cc	chr6	30844198	30867933	+	9122	13905.37	0	0.47487	0.17463	2.719295	0.007727	0.042613	1
ENSG0000	mucosal h	Inflamed	UBXN10	protein_cc	chr1	20512578	20522541	+	5571	460.2172	0	0.562788	0.206995	2.718854	0.007736	0.042657	1
ENSG0000	mucosal h	Inflamed	AC104600	pseudoger	chr2	1.97E+08	1.97E+08	-	1422	3.49642	0.346062	0.514265	0.189187	2.718294	0.007749	0.042716	1
ENSG0000	mucosal h	Inflamed	FAM85B	antisense	chr8	8025341	8084136	-	792	2.582339	0.329356	0.37934	0.139579	2.71775	0.00776	0.042772	1
ENSG0000	mucosal h	Inflamed	IL18BP	protein_cc	chr11	71709587	71716761	+	4323	1142.332	0	-0.33979	0.12504	-2.71747	0.007767	0.042796	1
ENSG0000	mucosal h	Inflamed	GS1-393G	antisense	chr8	1.46E+08	1.46E+08	-	444	152.0501	0	0.465009	0.171125	2.717363	0.007769	0.0428	1
ENSG0000	mucosal h	Inflamed	SENP8	protein_cc	chr15	72406599	72433311	+	2289	68.29117	0	0.438862	0.161526	2.716979	0.007777	0.042838	1
ENSG0000	mucosal h	Inflamed	RP13-216E	lincRNA	chrX	73168808	73169393	+	451	9.687351	0.081146	0.558294	0.205496	2.716805	0.007781	0.042844	1
ENSG0000	mucosal h	Inflamed	KIAA0556	protein_cc	chr16	27561454	27791690	+	9692	1904.871	0	0.332813	0.122503	2.716777	0.007782	0.042844	1
ENSG0000	mucosal h	Inflamed	ERLIN2	protein_cc	chr8	37594117	37616619	+	9464	2059.124	0	0.442174	0.162788	2.716263	0.007793	0.042895	1
ENSG0000	mucosal h	Inflamed	PACIN1	protein_cc	chr6	34433916	34503006	+	4712	51.01909	0.011933	-0.71804	0.264359	-2.71615	0.007795	0.042895	1
ENSG0000	mucosal h	Inflamed	RPS2P32	pseudoger	chr7	23530092	23530983	+	892	11.19809	0.023866	-0.5872	0.216191	-2.7161	0.007796	0.042895	1
ENSG0000	mucosal h	Inflamed	F2RL3	protein_cc	chr19	16999671	17003417	+	3473	366.148	0	-0.61486	0.226385	-2.716	0.007799	0.042895	1
ENSG0000	mucosal h	Inflamed	CTA-126B4	lincRNA	chr22	42834029	42842201	+	572	8.873508	0.183771	-0.62081	0.228575	-2.71598	0.007799	0.042895	1

ENSG0000	mucosal h	Inflamed	INHBE	protein_cc chr12	57846106	57853063	+	3015	4.968974	0.315036	-0.67009	0.246739	-2.71577	0.007804	0.042909	1
ENSG0000	mucosal h	Inflamed	CD9	protein_cc chr12	6308881	6347425	+	3218	10377.51	0	0.383391	0.141179	2.715643	0.007806	0.042909	1
ENSG0000	mucosal h	Inflamed	AC023590	protein_cc chr8	1.19E+08	1.19E+08	+	1617	8.193317	0.293556	-0.81661	0.300704	-2.71564	0.007807	0.042909	1
ENSG0000	mucosal h	Inflamed	C21orf33	protein_cc chr21	45553487	45565605	+	3108	2987.403	0	0.219376	0.08079	2.71539	0.007812	0.04293	1
ENSG0000	mucosal h	Inflamed	RP11-474I	antisense chr1	1.62E+08	1.62E+08	-	575	0.852029	0.794749	-0.31538	0.116153	-2.71526	0.007815	0.042937	1
ENSG0000	mucosal h	Inflamed	HIGD1A	protein_cc chr3	42798669	42846023	-	1940	5513.659	0	0.474307	0.174717	2.714717	0.007827	0.042993	1
ENSG0000	mucosal h	Inflamed	RP11-296C	pseudoger chr1	1.73E+08	1.73E+08	-	1337	0.921241	0.782816	0.336957	0.124126	2.714634	0.007829	0.042994	1
ENSG0000	mucosal h	Inflamed	ANKHD1-E	protein_cc chr5	1.4E+08	1.4E+08	+	11385	126.9833	0.002387	0.542645	0.199917	2.714356	0.007835	0.043017	1
ENSG0000	mucosal h	Inflamed	NRIP2	protein_cc chr12	2934514	2944710	-	2803	151.8616	0.004773	-0.65968	0.243039	-2.7143	0.007836	0.043017	1
ENSG0000	mucosal h	Inflamed	SNX22	protein_cc chr15	64443914	64449680	+	5767	164.8186	0.002387	-0.9032	0.332776	-2.71415	0.007839	0.043025	1
ENSG0000	mucosal h	Inflamed	GPRIN1	protein_cc chr5	1.76E+08	1.76E+08	-	4211	167.4415	0.002387	-0.52376	0.192978	-2.71408	0.007841	0.043025	1
ENSG0000	mucosal h	Inflamed	ZNF112	protein_cc chr19	44830708	44871377	-	3848	92.47733	0.009547	0.638087	0.235156	2.713462	0.007854	0.043091	1
ENSG0000	mucosal h	Inflamed	ODAM	protein_cc chr4	71062213	71070293	+	1562	7.026253	0.331742	-0.78821	0.290528	-2.71302	0.007864	0.043136	1
ENSG0000	mucosal h	Inflamed	MAGI3	protein_cc chr1	1.14E+08	1.14E+08	+	8180	1450.095	0	0.613477	0.226134	2.712895	0.007867	0.043138	1
ENSG0000	mucosal h	Inflamed	MAGED2	protein_cc chrX	54834032	54842445	+	2914	3286.458	0	-0.27523	0.101453	-2.71285	0.007868	0.043138	1
ENSG0000	mucosal h	Inflamed	PDE10A	protein_cc chr6	1.66E+08	1.66E+08	-	10384	121.0119	0.019093	-0.82626	0.304593	-2.71268	0.007872	0.043142	1
ENSG0000	mucosal h	Inflamed	GNS	protein_cc chr12	65107225	65153227	-	6284	6386.177	0	-0.36863	0.135894	-2.71267	0.007872	0.043142	1
ENSG0000	mucosal h	Inflamed	BECN1	protein_cc chr17	40962152	40985367	-	5141	3132.375	0	0.319091	0.117655	2.712093	0.007885	0.043191	1
ENSG0000	mucosal h	Inflamed	CTA-363E	lincRNA chr16	19354969	19413015	-	2278	38.63484	0.023866	0.745176	0.274761	2.712085	0.007885	0.043191	1
ENSG0000	mucosal h	Inflamed	AC008984	pseudoger chr19	54813047	54817309	-	404	2.515513	0.682578	-0.6546	0.24137	-2.71204	0.007886	0.043191	1
ENSG0000	mucosal h	Inflamed	TMEM177	protein_cc chr2	1.2E+08	1.2E+08	+	2588	417.0525	0	0.277539	0.102342	2.711867	0.00789	0.043203	1
ENSG0000	mucosal h	Inflamed	AC002480	sense_ove chr7	22611226	22701411	-	1282	10.22434	0.291169	-0.79455	0.293002	-2.71177	0.007892	0.043206	1
ENSG0000	mucosal h	Inflamed	RP1-125I3	antisense chr1	26186104	26189911	+	849	3.591885	0.236277	-0.43244	0.159478	-2.71162	0.007895	0.043216	1
ENSG0000	mucosal h	Inflamed	ZNF784	protein_cc chr19	56132108	56135967	-	2058	400.5322	0	0.242052	0.08927	2.711448	0.007899	0.043227	1
ENSG0000	mucosal h	Inflamed	GBAS	protein_cc chr7	56019486	56067874	+	5651	1190.757	0	0.418589	0.154387	2.711298	0.007902	0.043235	1
ENSG0000	mucosal h	Inflamed	ZNF717	protein_cc chr3	75758794	75834734	-	6917	165.5943	0	0.432664	0.159582	2.711235	0.007904	0.043235	1
ENSG0000	mucosal h	Inflamed	RP11-382M	pseudoger chr11	1.07E+08	1.07E+08	+	1245	2.116945	0.5179	-0.42522	0.156845	-2.71107	0.007907	0.043246	1
ENSG0000	mucosal h	Inflamed	DHRS4	protein_cc chr14	24422795	24438488	+	2305	688.5943	0	0.231501	0.085395	2.710939	0.00791	0.043253	1
ENSG0000	mucosal h	Inflamed	ZBTB7B	protein_cc chr1	1.55E+08	1.55E+08	+	4243	10001.71	0	0.361967	0.133525	2.710851	0.007912	0.043254	1
ENSG0000	mucosal h	Inflamed	MIR4458H	lincRNA chr5	8450856	8463208	+	4339	136.136	0	0.510777	0.188477	2.710029	0.00793	0.043345	1
ENSG0000	mucosal h	Inflamed	TIMP4	protein_cc chr3	12194551	12200851	-	1650	95.7494	0	0.597245	0.220405	2.709762	0.007936	0.043367	1
ENSG0000	mucosal h	Inflamed	IGHV3-52	IG_V_pseu chr14	1.07E+08	1.07E+08	-	353	5.906921	0.334129	-0.70599	0.260541	-2.7097	0.007938	0.043367	1
ENSG0000	mucosal h	Inflamed	HLA-DPA3	pseudoger chr6	33098993	33111102	-	229	2.742243	0.541766	-0.59897	0.221067	-2.70945	0.007943	0.043389	1
ENSG0000	mucosal h	Inflamed	CTC-479C	protein_cc chr16	67963517	67969920	-	5685	333.8091	0	-0.32481	0.119903	-2.70898	0.007954	0.043427	1
ENSG0000	mucosal h	Inflamed	RP11-815J	antisense chr15	86122277	86123409	-	953	6.004773	0.131265	0.542715	0.200339	2.708982	0.007954	0.043427	1
ENSG0000	mucosal h	Inflamed	NHEJ1	protein_cc chr2	2.2E+08	2.2E+08	-	3109	30.37947	0.016706	0.367915	0.135817	2.708913	0.007955	0.043427	1
ENSG0000	mucosal h	Inflamed	DPAGT1	protein_cc chr11	1.19E+08	1.19E+08	-	5280	2005.189	0	-0.27696	0.102266	-2.7082	0.007971	0.043505	1
ENSG0000	mucosal h	Inflamed	VCP	protein_cc chr9	35056061	35073246	-	5438	13617.9	0	-0.31362	0.115811	-2.70806	0.007974	0.043512	1
ENSG0000	mucosal h	Inflamed	SLC12A4	protein_cc chr16	67977377	68003504	-	8298	1411.449	0	-0.51895	0.191667	-2.70757	0.007985	0.043563	1
ENSG0000	mucosal h	Inflamed	SPOCK2	protein_cc chr10	73818793	73848790	-	6572	3082.723	0	-0.67987	0.25112	-2.70733	0.007991	0.043583	1

ENSG0000	mucosal h	Inflamed	RP11-84C1	pseudoger	chr14	21451314	21453225	-	578	2.9642	0.460621	0.401471	0.148305	2.70707	0.007996	0.043606	1
ENSG0000	mucosal h	Inflamed	AP003774	antisense	chr11	64092522	64096976	-	672	83.24821	0.002387	0.63176	0.233421	2.706523	0.008009	0.043664	1
ENSG0000	mucosal h	Inflamed	RP11-84D1	antisense	chr1	25287836	25289588	+	820	10.35084	0.081146	-0.62396	0.230647	-2.70526	0.008037	0.04381	1
ENSG0000	mucosal h	Inflamed	SNORD123	snoRNA	chr5	9548948	9549017	+	70	4.379475	0.257757	0.535331	0.197924	2.704728	0.008049	0.04386	1
ENSG0000	mucosal h	Inflamed	PTGER4	protein_cc	chr5	40679600	40693837	+	3961	1774.086	0	0.379385	0.140274	2.704606	0.008052	0.04386	1
ENSG0000	mucosal h	Inflamed	ZNF607	protein_cc	chr19	38187264	38210691	-	4740	188.0453	0	0.51481	0.190349	2.704566	0.008053	0.04386	1
ENSG0000	mucosal h	Inflamed	ZNF250	protein_cc	chr8	1.46E+08	1.46E+08	-	8711	239.3771	0	0.405127	0.149794	2.704555	0.008053	0.04386	1
ENSG0000	mucosal h	Inflamed	AC004951	lincRNA	chr7	44043645	44047465	-	1866	30.358	0.009547	0.491104	0.181592	2.704433	0.008056	0.043866	1
ENSG0000	mucosal h	Inflamed	RP11-21L1	antisense	chr11	14284392	14295237	-	240	2.451074	0.448687	0.472044	0.174555	2.704276	0.008059	0.043876	1
ENSG0000	mucosal h	Inflamed	TKTL1	protein_cc	chrX	1.54E+08	1.54E+08	+	3650	7.195704	0.176611	-0.65299	0.241478	-2.70415	0.008062	0.043883	1
ENSG0000	mucosal h	Inflamed	ADCK3	protein_cc	chr1	2.27E+08	2.27E+08	+	7797	2427.317	0	0.346249	0.128068	2.703643	0.008073	0.043935	1
ENSG0000	mucosal h	Inflamed	NAT8	protein_cc	chr2	73867959	73869520	-	947	7.494033	0.615752	0.543521	0.201112	2.70258	0.008098	0.044057	1
ENSG0000	mucosal h	Inflamed	ZNF793	protein_cc	chr19	37997841	38039664	+	12007	135.1742	0.004773	0.773884	0.286409	2.702025	0.00811	0.0441	1
ENSG0000	mucosal h	Inflamed	AC024560	lincRNA	chr3	1.97E+08	1.97E+08	-	1471	9.902148	0.310263	0.614774	0.227524	2.702019	0.00811	0.0441	1
ENSG0000	mucosal h	Inflamed	IGKV6D-41	IG_V_gene	chr2	90108504	90109080	+	371	11.75179	0.608592	-0.82033	0.3036	-2.70201	0.00811	0.0441	1
ENSG0000	mucosal h	Inflamed	RP11-47L3	lincRNA	chr17	33640521	33651919	+	714	16.04057	0.009547	-0.46096	0.170617	-2.70172	0.008117	0.044126	1
ENSG0000	mucosal h	Inflamed	ADAM22	protein_cc	chr7	87563458	87832204	+	12217	87.69451	0.00716	0.710317	0.26292	2.701648	0.008119	0.044126	1
ENSG0000	mucosal h	Inflamed	TSPAN33	protein_cc	chr7	1.29E+08	1.29E+08	+	2496	893.1551	0	-0.35678	0.132063	-2.70156	0.008121	0.044128	1
ENSG0000	mucosal h	Inflamed	MMP8	protein_cc	chr11	1.03E+08	1.03E+08	-	3438	8.183771	0.534606	-1.04346	0.38629	-2.70123	0.008128	0.04416	1
ENSG0000	mucosal h	Inflamed	SULF1	protein_cc	chr8	70378859	70573150	+	9404	1649.8	0	-0.67746	0.250811	-2.70108	0.008132	0.044169	1
ENSG0000	mucosal h	Inflamed	LOXL1	protein_cc	chr15	74218330	74244478	+	3637	927.7327	0	-0.72235	0.267442	-2.70096	0.008134	0.044175	1
ENSG0000	mucosal h	Inflamed	RP11-6981	sense_ove	chr11	35835882	35839557	+	3676	74.97136	0.016706	0.812534	0.300938	2.700001	0.008156	0.044284	1
ENSG0000	mucosal h	Inflamed	CTA-250D	lincRNA	chr22	42318027	42319104	-	1078	182.568	0.002387	-0.92077	0.341048	-2.69982	0.00816	0.044293	1
ENSG0000	mucosal h	Inflamed	RP4-803J1	antisense	chr1	2.29E+08	2.29E+08	+	640	5.856802	0.205251	0.563302	0.208647	2.69978	0.008161	0.044293	1
ENSG0000	mucosal h	Inflamed	C6orf165	protein_cc	chr6	88117730	88221352	+	3530	12.07399	0.126492	0.740672	0.274397	2.699269	0.008173	0.044348	1
ENSG0000	mucosal h	Inflamed	RP11-542k	antisense	chr9	1.25E+08	1.25E+08	+	259	2.582339	0.548926	-0.55794	0.206746	-2.69867	0.008186	0.044412	1
ENSG0000	mucosal h	Inflamed	AC093616	pseudoger	chr2	88000503	88038766	+	2328	21.93795	0.019093	-0.61118	0.226485	-2.69857	0.008189	0.044417	1
ENSG0000	mucosal h	Inflamed	C10orf54	protein_cc	chr10	73507316	73533255	-	5128	6179.597	0	-0.38588	0.143004	-2.69836	0.008194	0.044432	1
ENSG0000	mucosal h	Inflamed	RP4-725G	pseudoger	chr7	56230838	56231226	+	389	2.909308	0.369928	-0.47876	0.177452	-2.69799	0.008202	0.04447	1
ENSG0000	mucosal h	Inflamed	ZNF823	protein_cc	chr19	11832080	11849824	-	2459	269.1098	0	0.574725	0.213033	2.69782	0.008206	0.044482	1
ENSG0000	mucosal h	Inflamed	PPP1R13B	protein_cc	chr14	1.04E+08	1.04E+08	-	9031	2541.487	0	0.397605	0.147428	2.69694	0.008226	0.044582	1
ENSG0000	mucosal h	Inflamed	RP11-458l	lincRNA	chr1	1.45E+08	1.45E+08	-	2454	16.60143	0.033413	0.570417	0.211514	2.696826	0.008229	0.044586	1
ENSG0000	mucosal h	Inflamed	PI4KAP2	pseudoger	chr22	21827289	21871822	-	7474	440.389	0	0.398373	0.147723	2.69676	0.00823	0.044586	1
ENSG0000	mucosal h	Inflamed	RP13-131k	antisense	chr3	49022482	49027421	-	782	11.64916	0.038186	0.436909	0.162021	2.696619	0.008234	0.044594	1
ENSG0000	mucosal h	Inflamed	MPP7	protein_cc	chr10	28339922	28623415	-	6577	605.5346	0	0.644912	0.239179	2.696354	0.00824	0.044618	1
ENSG0000	mucosal h	Inflamed	SYT13	protein_cc	chr11	45261852	45307870	-	5424	2066.952	0	0.646835	0.239905	2.696206	0.008243	0.044627	1
ENSG0000	mucosal h	Inflamed	SORBS2	protein_cc	chr4	1.87E+08	1.87E+08	-	16730	540.2506	0	0.48701	0.180647	2.695923	0.00825	0.044654	1
ENSG0000	mucosal h	Inflamed	CTD-3064l	antisense	chr19	38036372	38040073	-	3267	2.983294	0.431981	0.439749	0.163177	2.694927	0.008273	0.044769	1
ENSG0000	mucosal h	Inflamed	C1orf228	protein_cc	chr1	45140364	45191263	+	3166	90.80191	0	-0.66918	0.248338	-2.69464	0.008279	0.044796	1
ENSG0000	mucosal h	Inflamed	AZGP1	protein_cc	chr7	99564343	99573780	-	2699	600.2124	0.004773	-0.93814	0.348179	-2.69442	0.008284	0.044814	1

ENSG0000	mucosal h	Inflamed	ZNF169	protein_cc	chr9	97021593	97063736	+	5518	243.2888	0.002387	0.617554	0.229232	2.694012	0.008294	0.044856	1
ENSG0000	mucosal h	Inflamed	RHOQ	protein_cc	chr2	46768945	46810260	+	4619	1328.525	0	-0.62327	0.231384	-2.69365	0.008302	0.044892	1
ENSG0000	mucosal h	Inflamed	AC012307	processed_chr2		96874154	96908359	+	2285	148.5585	0	0.211687	0.07859	2.693543	0.008305	0.044896	1
ENSG0000	mucosal h	Inflamed	SHCBP1	protein_cc	chr16	46614466	46655538	-	4459	225.9594	0	-0.64205	0.238396	-2.69319	0.008313	0.044931	1
ENSG0000	mucosal h	Inflamed	DHDDS	protein_cc	chr1	26758773	26797785	+	5596	3437.024	0	0.299332	0.111155	2.692912	0.008319	0.044941	1
ENSG0000	mucosal h	Inflamed	MEP1AP4	pseudoger	chr9	44147906	44154014	+	1087	8.102625	0.281623	0.65495	0.243214	2.692892	0.00832	0.044941	1
ENSG0000	mucosal h	Inflamed	NUDT19	protein_cc	chr19	33182867	33204702	+	2967	764.6444	0	0.315563	0.117186	2.692838	0.008321	0.044941	1
ENSG0000	mucosal h	Inflamed	RNU6-113	snRNA	chr7	1.02E+08	1.02E+08	+	104	0.816229	0.785203	0.300271	0.111509	2.692796	0.008322	0.044941	1
ENSG0000	mucosal h	Inflamed	AC096574	processed_chr2		2.39E+08	2.39E+08	+	3890	2.46778	0.434368	0.467076	0.173461	2.69268	0.008325	0.044941	1
ENSG0000	mucosal h	Inflamed	RP1-102E2	lincRNA	chr12	6503071	6504235	+	724	28.93317	0.02864	0.5863	0.21774	2.692665	0.008325	0.044941	1
ENSG0000	mucosal h	Inflamed	PFN2	protein_cc	chr3	1.5E+08	1.5E+08	-	3440	697.6897	0	0.414613	0.153986	2.692541	0.008328	0.044948	1
ENSG0000	mucosal h	Inflamed	RP11-5061	pseudoger	chr5	54652136	54653351	-	1216	1.286396	0.692124	0.385033	0.143026	2.692046	0.008339	0.045	1
ENSG0000	mucosal h	Inflamed	RP11-1531	pseudoger	chr4	1.55E+08	1.55E+08	+	3277	11.78759	0.317422	-0.92856	0.344937	-2.69196	0.008341	0.045002	1
ENSG0000	mucosal h	Inflamed	MANEA	protein_cc	chr6	96025419	96057333	+	5187	400.2243	0	-0.62218	0.231139	-2.69182	0.008345	0.04501	1
ENSG0000	mucosal h	Inflamed	IGHV1-67	IG_V_pseu	chr14	1.07E+08	1.07E+08	-	357	1.150358	0.778043	-0.45074	0.16749	-2.69112	0.008361	0.04509	1
ENSG0000	mucosal h	Inflamed	MYOZ1	protein_cc	chr10	75391412	75401515	-	1541	3.553699	0.26969	-0.44488	0.165322	-2.69102	0.008363	0.045093	1
ENSG0000	mucosal h	Inflamed	ARHGAP4	protein_cc	chr20	37230577	37279678	+	3195	2.066826	0.75179	-0.60843	0.226104	-2.69093	0.008365	0.045094	1
ENSG0000	mucosal h	Inflamed	RP11-46C2	antisense	chr16	89281638	89284061	-	2424	104.0167	0.002387	0.438639	0.163041	2.69036	0.008379	0.045157	1
ENSG0000	mucosal h	Inflamed	IGLV2-34	IG_V_pseu	chr22	22922478	22922760	+	283	1.930788	0.634845	-0.53034	0.197143	-2.69015	0.008384	0.045175	1
ENSG0000	mucosal h	Inflamed	PRIMPOL	protein_cc	chr4	1.86E+08	1.86E+08	+	2843	287.3484	0	0.411473	0.152965	2.689976	0.008388	0.045187	1
ENSG0000	mucosal h	Inflamed	FITM2	protein_cc	chr20	42931478	42939809	-	4597	808.7041	0	0.335898	0.124879	2.689784	0.008392	0.045195	1
ENSG0000	mucosal h	Inflamed	C11orf54	protein_cc	chr11	93474757	93497915	+	6269	1168.492	0	0.566442	0.210591	2.689766	0.008393	0.045195	1
ENSG0000	mucosal h	Inflamed	RP11-1921	protein_cc	chr17	26782770	26941215	-	6244	129.3532	0.002387	0.589831	0.219339	2.689132	0.008407	0.045265	1
ENSG0000	mucosal h	Inflamed	SLFN11	protein_cc	chr17	33677324	33700720	-	5982	1260.134	0	-0.66543	0.247475	-2.68888	0.008413	0.045283	1
ENSG0000	mucosal h	Inflamed	AMH	protein_cc	chr19	2249308	2252072	+	2587	31.30549	0.023866	0.599188	0.222842	2.688844	0.008414	0.045283	1
ENSG0000	mucosal h	Inflamed	CABLES1	protein_cc	chr18	20714528	20840431	+	6654	775.7136	0	0.350712	0.130437	2.688749	0.008416	0.045286	1
ENSG0000	mucosal h	Inflamed	ERO1L	protein_cc	chr14	53106634	53162618	-	7548	4191.692	0	-0.67272	0.250265	-2.68803	0.008433	0.045367	1
ENSG0000	mucosal h	Inflamed	RP11-334E	antisense	chr11	1.19E+08	1.19E+08	+	894	5.415274	0.252983	0.554692	0.206366	2.687902	0.008436	0.045374	1
ENSG0000	mucosal h	Inflamed	KANSL3	protein_cc	chr2	97258907	97308524	-	9015	3007.902	0	0.311425	0.115881	2.687455	0.008447	0.045422	1
ENSG0000	mucosal h	Inflamed	ZSCAN31	protein_cc	chr6	28292470	28324048	-	4957	163.2005	0	0.498371	0.185496	2.686689	0.008465	0.045505	1
ENSG0000	mucosal h	Inflamed	ZNF19	protein_cc	chr16	71498453	71598992	-	7983	84.6611	0.002387	0.452726	0.168513	2.686589	0.008467	0.045505	1
ENSG0000	mucosal h	Inflamed	CLN3	protein_cc	chr16	28477983	28506896	-	4736	1874.305	0	0.305777	0.113817	2.686578	0.008467	0.045505	1
ENSG0000	mucosal h	Inflamed	PEX19	protein_cc	chr1	1.6E+08	1.6E+08	-	4461	1551.981	0	0.273448	0.101786	2.686492	0.00847	0.045507	1
ENSG0000	mucosal h	Inflamed	LONRF3	protein_cc	chrX	1.18E+08	1.18E+08	+	4037	295.58	0	0.482984	0.1798	2.686225	0.008476	0.045531	1
ENSG0000	mucosal h	Inflamed	ESPN	protein_cc	chr1	6484848	6521430	+	4109	1556.601	0	0.850995	0.316831	2.685955	0.008482	0.045556	1
ENSG0000	mucosal h	Inflamed	MYB	protein_cc	chr6	1.36E+08	1.36E+08	+	5486	1666.671	0	0.686005	0.25549	2.685056	0.008503	0.045661	1
ENSG0000	mucosal h	Inflamed	TSPAN4	protein_cc	chr11	842808	867116	+	5841	1232.979	0	-0.49118	0.182946	-2.68485	0.008508	0.045678	1
ENSG0000	mucosal h	Inflamed	PDE6B	protein_cc	chr4	619373	664571	+	5086	57.83532	0	-0.50268	0.187239	-2.68471	0.008512	0.045686	1
ENSG0000	mucosal h	Inflamed	RP11-1591	antisense	chr8	70746346	70767206	+	1967	9.28401	0.100239	-0.60515	0.22541	-2.68464	0.008513	0.045686	1
ENSG0000	mucosal h	Inflamed	RP11-3161	lincRNA	chr17	75718954	75724641	-	2281	0.825776	0.797136	-0.32281	0.120249	-2.68448	0.008517	0.045697	1

ENSG0000	mucosal h	Inflamed	S100A2	protein_cc	chr1	1.54E+08	1.54E+08	-	1567	56.90453	0	-0.82392	0.306928	-2.68441	0.008519	0.045697	1
ENSG0000	mucosal h	Inflamed	ABCD3	protein_cc	chr1	94883933	94984222	+	7669	2242.644	0	0.578012	0.215364	2.683879	0.008531	0.045755	1
ENSG0000	mucosal h	Inflamed	AC005255	pseudoger	chr19	14903121	14903589	+	469	5.625298	0.095465	-0.45915	0.171086	-2.68373	0.008535	0.045764	1
ENSG0000	mucosal h	Inflamed	COL15A1	protein_cc	chr9	1.02E+08	1.02E+08	+	6637	5991.692	0	-0.85714	0.319391	-2.68366	0.008537	0.045764	1
ENSG0000	mucosal h	Inflamed	CSRP2BP	protein_cc	chr20	18118762	18169031	+	4251	581.2124	0	0.362689	0.135163	2.683338	0.008544	0.045796	1
ENSG0000	mucosal h	Inflamed	RP11-565M	lincRNA	chr1	2.09E+08	2.09E+08	-	279	0.961814	0.756563	-0.38482	0.143424	-2.6831	0.00855	0.045816	1
ENSG0000	mucosal h	Inflamed	TACR1	protein_cc	chr2	75273590	75426826	-	5308	55.60621	0.045346	-0.82711	0.308361	-2.68229	0.008569	0.045911	1
ENSG0000	mucosal h	Inflamed	COL5A3	protein_cc	chr19	10070237	10121147	-	6750	1311.957	0	-0.76559	0.285461	-2.68193	0.008578	0.045947	1
ENSG0000	mucosal h	Inflamed	AC016700	lincRNA	chr2	70351168	70352449	-	662	8.081146	0.023866	-0.39041	0.145579	-2.68174	0.008582	0.045962	1
ENSG0000	mucosal h	Inflamed	RP11-867C	protein_cc	chr11	66115421	66132275	+	1540	264.8592	0	0.433971	0.161849	2.681337	0.008592	0.045997	1
ENSG0000	mucosal h	Inflamed	PARS2	protein_cc	chr1	55222571	55230187	-	2347	338.9356	0	0.257864	0.096174	2.681233	0.008594	0.045997	1
ENSG0000	mucosal h	Inflamed	TMSB15A	protein_cc	chrX	1.02E+08	1.02E+08	-	685	8.918854	0.093079	-0.62856	0.234434	-2.68116	0.008596	0.045997	1
ENSG0000	mucosal h	Inflamed	TRPC7-AS1	antisense	chr5	1.36E+08	1.36E+08	+	460	38.10024	0.019093	0.674635	0.251631	2.681045	0.008599	0.045997	1
ENSG0000	mucosal h	Inflamed	GAL3ST4	protein_cc	chr7	99756867	99766373	-	3397	431.6539	0	0.52721	0.196644	2.681038	0.008599	0.045997	1
ENSG0000	mucosal h	Inflamed	SNX21	protein_cc	chr20	44462449	44471914	+	4066	712.5967	0	0.265356	0.098975	2.681033	0.008599	0.045997	1
ENSG0000	mucosal h	Inflamed	PTRH1	protein_cc	chr9	1.3E+08	1.3E+08	-	3595	243.0573	0	-0.31303	0.116767	-2.68085	0.008604	0.046011	1
ENSG0000	mucosal h	Inflamed	GJC1	protein_cc	chr17	42875816	42908184	-	8660	287.6969	0.01432	-0.82244	0.306878	-2.68001	0.008624	0.046109	1
ENSG0000	mucosal h	Inflamed	CTB-83J4.2	lincRNA	chr19	55100906	55101752	+	847	2.902148	0.553699	-0.58564	0.218542	-2.67975	0.00863	0.046133	1
ENSG0000	mucosal h	Inflamed	FTL	protein_cc	chr19	49468558	49470135	+	878	70707.24	0	-0.43834	0.16358	-2.67965	0.008632	0.046137	1
ENSG0000	mucosal h	Inflamed	RP11-84A1	sense_intr	chr1	10002981	10010032	+	440	25.38902	0.009547	0.483131	0.180324	2.679237	0.008642	0.046167	1
ENSG0000	mucosal h	Inflamed	APOC1P1	pseudoger	chr19	45430061	45434643	+	938	2.52506	0.436754	-0.41075	0.153309	-2.6792	0.008643	0.046167	1
ENSG0000	mucosal h	Inflamed	INPP5A	protein_cc	chr10	1.34E+08	1.35E+08	+	3701	1451.057	0	0.21783	0.081304	2.67919	0.008643	0.046167	1
ENSG0000	mucosal h	Inflamed	CD52	protein_cc	chr1	26644448	26647014	+	935	824.2243	0	-0.67961	0.253671	-2.67908	0.008646	0.046172	1
ENSG0000	mucosal h	Inflamed	CLEC11A	protein_cc	chr19	51226586	51228974	+	1468	529.8091	0	-0.53848	0.201023	-2.67872	0.008655	0.046202	1
ENSG0000	mucosal h	Inflamed	RP11-367J	lincRNA	chr4	7096298	7105112	-	3763	7.252983	0.083532	0.504318	0.18827	2.678699	0.008655	0.046202	1
ENSG0000	mucosal h	Inflamed	AC007362	pseudoger	chr2	2.07E+08	2.07E+08	+	1886	122.7232	0.004773	-0.67604	0.252388	-2.67858	0.008658	0.046209	1
ENSG0000	mucosal h	Inflamed	IL22RA2	protein_cc	chr6	1.37E+08	1.37E+08	-	2886	22.19093	0.131265	-0.79747	0.297736	-2.67844	0.008661	0.046217	1
ENSG0000	mucosal h	Inflamed	TLR1	protein_cc	chr4	38792298	38858438	-	4533	296.7852	0	-0.69433	0.259238	-2.67833	0.008664	0.046221	1
ENSG0000	mucosal h	Inflamed	ZNF285	protein_cc	chr19	44886459	44905774	-	6869	34.4105	0.019093	0.554612	0.207109	2.67788	0.008675	0.04627	1
ENSG0000	mucosal h	Inflamed	C9orf139	protein_cc	chr9	1.4E+08	1.4E+08	+	3815	42.91169	0.02864	-0.81544	0.304549	-2.67752	0.008684	0.046306	1
ENSG0000	mucosal h	Inflamed	EPB41L1	protein_cc	chr20	34679426	34820721	+	7859	2260.988	0	0.444327	0.165971	2.677134	0.008693	0.046347	1
ENSG0000	mucosal h	Inflamed	C3orf35	protein_cc	chr3	37427760	37476988	+	3072	22.642	0.02148	0.635896	0.237572	2.676648	0.008705	0.0464	1
ENSG0000	mucosal h	Inflamed	COP22	protein_cc	chr17	46103533	46115392	-	1847	148.2172	0	-0.44694	0.166995	-2.67634	0.008712	0.04643	1
ENSG0000	mucosal h	Inflamed	DOCK1	protein_cc	chr10	1.29E+08	1.29E+08	+	8079	2635.379	0	0.490709	0.183355	2.676273	0.008714	0.04643	1
ENSG0000	mucosal h	Inflamed	RP11-98F1	antisense	chr13	1.14E+08	1.14E+08	-	182	2.422434	0.415274	0.43506	0.162567	2.676194	0.008716	0.046431	1
ENSG0000	mucosal h	Inflamed	PHYKPL	protein_cc	chr5	1.78E+08	1.78E+08	-	8402	3678.759	0	0.35139	0.131323	2.675761	0.008726	0.046477	1
ENSG0000	mucosal h	Inflamed	RP11-141M	lincRNA	chr13	33929343	34250905	-	1535	13.35322	0.031026	0.506722	0.189394	2.675489	0.008733	0.046503	1
ENSG0000	mucosal h	Inflamed	PEX6	protein_cc	chr6	42931608	42946958	-	3499	1689.358	0	0.32406	0.121154	2.674785	0.00875	0.046585	1
ENSG0000	mucosal h	Inflamed	RASGRP1	protein_cc	chr15	38780304	38857776	-	6090	315.9451	0.002387	-0.71717	0.268147	-2.67455	0.008756	0.046606	1
ENSG0000	mucosal h	Inflamed	RP11-141L	pseudoger	chr5	69515745	69580686	-	667	8.603819	0.116945	0.554933	0.207506	2.674293	0.008762	0.046629	1

ENSG0000	mucosal h	Inflamed	NDUFV1	protein_cc chr11	67374323	67380006	+	4154	6506.757	0	0.244596	0.091479	2.673794	0.008774	0.046676	1
ENSG0000	mucosal h	Inflamed	DIRC1	protein_cc chr2	1.9E+08	1.9E+08	-	1037	1.551313	0.778043	-0.59165	0.221279	-2.67379	0.008774	0.046676	1
ENSG0000	mucosal h	Inflamed	PAX5	protein_cc chr9	36833272	37034103	-	9254	831.8902	0	-1.23994	0.46379	-2.67348	0.008782	0.046706	1
ENSG0000	mucosal h	Inflamed	RP11-141M	processed_chr3	42850906	42949597	+	3933	6.854415	0.121718	0.470963	0.176168	2.673375	0.008784	0.046711	1
ENSG0000	mucosal h	Inflamed	ANKRD2	protein_cc chr10	99332198	99343641	+	1509	1.980907	0.563246	-0.46889	0.175417	-2.67298	0.008794	0.046752	1
ENSG0000	mucosal h	Inflamed	KCNE3	protein_cc chr11	74165886	74178774	-	3677	2701.761	0	-0.44079	0.16494	-2.67243	0.008807	0.046814	1
ENSG0000	mucosal h	Inflamed	ZNF16	protein_cc chr8	1.46E+08	1.46E+08	-	5237	234.4726	0	0.29415	0.110089	2.671927	0.00882	0.04686	1
ENSG0000	mucosal h	Inflamed	REPIN1	protein_cc chr7	1.5E+08	1.5E+08	+	4649	7965.862	0	0.284996	0.106666	2.671868	0.008821	0.04686	1
ENSG0000	mucosal h	Inflamed	DHRS4-AS1	processed_chr14	24407940	24458048	-	3593	623.0811	0	0.360072	0.134765	2.671861	0.008821	0.04686	1
ENSG0000	mucosal h	Inflamed	RP5-855D2	sense_intr chr8	183119	183692	+	574	24.09785	0.038186	0.631845	0.236497	2.671681	0.008826	0.046865	1
ENSG0000	mucosal h	Inflamed	VPS51	protein_cc chr11	64856796	64879332	+	4878	6538.914	0	0.269161	0.100746	2.671679	0.008826	0.046865	1
ENSG0000	mucosal h	Inflamed	NAMPT	protein_cc chr7	1.06E+08	1.06E+08	-	9049	6681.869	0	-0.79929	0.299203	-2.67141	0.008832	0.046891	1
ENSG0000	mucosal h	Inflamed	WDSUB1	protein_cc chr2	1.6E+08	1.6E+08	-	2135	223.9165	0	0.329053	0.123197	2.670956	0.008843	0.04694	1
ENSG0000	mucosal h	Inflamed	SSSCA1	protein_cc chr11	65337901	65341413	+	2008	440.2267	0	-0.32114	0.12024	-2.67084	0.008846	0.046946	1
ENSG0000	mucosal h	Inflamed	NRP2	protein_cc chr2	2.07E+08	2.07E+08	+	11380	996.1456	0	-0.67394	0.252383	-2.67031	0.008859	0.047005	1
ENSG0000	mucosal h	Inflamed	CD14	protein_cc chr5	1.4E+08	1.4E+08	-	1886	3427.308	0	-0.46731	0.175008	-2.6702	0.008862	0.04701	1
ENSG0000	mucosal h	Inflamed	CTA-221G1	lincRNA chr22	25608709	25609652	+	482	4.916468	0.264916	0.5623	0.210609	2.669878	0.00887	0.047043	1
ENSG0000	mucosal h	Inflamed	C11orf21	protein_cc chr11	2316875	2324279	-	4199	151.1551	0.002387	-0.73489	0.275272	-2.66969	0.008874	0.047057	1
ENSG0000	mucosal h	Inflamed	AC007128	antisense chr7	8301894	8384146	+	1853	2.300716	0.73031	0.498859	0.18695	2.668404	0.008906	0.047215	1
ENSG0000	mucosal h	Inflamed	PKMP1	pseudoger chr1	1.15E+08	1.15E+08	+	1523	4.367542	0.200477	-0.48138	0.180406	-2.66834	0.008908	0.047215	1
ENSG0000	mucosal h	Inflamed	KLHL23	protein_cc chr2	1.71E+08	1.71E+08	+	5509	334.5656	0.002387	0.613812	0.230054	2.668119	0.008913	0.047234	1
ENSG0000	mucosal h	Inflamed	IDH3B	protein_cc chr20	2639041	2644865	-	2299	2193.15	0	0.217547	0.081547	2.667747	0.008922	0.047274	1
ENSG0000	mucosal h	Inflamed	CTB-161M	antisense chr5	1.18E+08	1.18E+08	-	1335	1.548926	0.551313	0.354693	0.132976	2.667343	0.008932	0.047317	1
ENSG0000	mucosal h	Inflamed	KLIF15	protein_cc chr3	1.26E+08	1.26E+08	-	2848	86.74224	0.009547	-0.58646	0.219896	-2.66698	0.008941	0.047347	1
ENSG0000	mucosal h	Inflamed	AC091492	pseudoger chr3	12369502	12369773	+	272	0.926014	0.76611	0.321593	0.120584	2.666971	0.008942	0.047347	1
ENSG0000	mucosal h	Inflamed	FLT1	protein_cc chr13	28874489	29069265	-	8072	880.0358	0	-0.62325	0.233706	-2.66682	0.008945	0.047357	1
ENSG0000	mucosal h	Inflamed	AL122127	miRNA chr14	1.06E+08	1.06E+08	-	60	19.98807	0.085919	-0.81141	0.304279	-2.66666	0.008949	0.047369	1
ENSG0000	mucosal h	Inflamed	ZNF320	protein_cc chr19	53367043	53400946	-	8327	958.9403	0	0.646861	0.242584	2.666544	0.008952	0.047374	1
ENSG0000	mucosal h	Inflamed	VWA5B2	protein_cc chr3	1.84E+08	1.84E+08	+	5730	98.50119	0.004773	0.781826	0.293235	2.666214	0.00896	0.047408	1
ENSG0000	mucosal h	Inflamed	UCHL1	protein_cc chr4	41258430	41270472	+	2282	62.69451	0.004773	-0.86495	0.324493	-2.66556	0.008977	0.047485	1
ENSG0000	mucosal h	Inflamed	RP5-1180C	antisense chr1	1.8E+08	1.8E+08	-	4866	265.3914	0.004773	0.818359	0.307048	2.665246	0.008985	0.047513	1
ENSG0000	mucosal h	Inflamed	THRA	protein_cc chr17	38214543	38250120	+	6959	3114.076	0	0.345772	0.129736	2.665202	0.008986	0.047513	1
ENSG0000	mucosal h	Inflamed	NRP1	protein_cc chr10	33466420	33625190	-	11517	2338.613	0	-0.52458	0.196838	-2.66503	0.00899	0.047525	1
ENSG0000	mucosal h	Inflamed	RP11-109C	antisense chr4	79694808	79697127	-	2320	1.408115	0.653938	0.368479	0.138276	2.664802	0.008996	0.047546	1
ENSG0000	mucosal h	Inflamed	ZNF3	protein_cc chr7	99661656	99680171	-	5420	1248.313	0	0.323486	0.121404	2.664538	0.009002	0.047571	1
ENSG0000	mucosal h	Inflamed	LIPH	protein_cc chr3	1.85E+08	1.85E+08	-	4122	4190.971	0	0.776001	0.29125	2.664384	0.009006	0.047582	1
ENSG0000	mucosal h	Inflamed	PFKFB2	protein_cc chr1	2.07E+08	2.07E+08	+	9815	3403.217	0	0.637096	0.239148	2.664022	0.009015	0.04762	1
ENSG0000	mucosal h	Inflamed	RASSF2	protein_cc chr20	4760669	4804291	-	5759	2158.943	0	-0.62526	0.234835	-2.66257	0.009051	0.047803	1
ENSG0000	mucosal h	Inflamed	RP11-809I	pseudoger chr11	73221703	73221865	+	163	103.148	0.019093	0.624795	0.234667	2.662476	0.009054	0.047804	1
ENSG0000	mucosal h	Inflamed	RASL10B	protein_cc chr17	34058668	34070540	+	3502	36.87828	0.009547	-0.85337	0.320524	-2.66242	0.009055	0.047804	1

ENSG0000	mucosal h	Inflamed	AIP	protein_cc	chr11	67250512	67258574	+	1640	1141.544	0	-0.27522	0.10338	-2.66226	0.009059	0.047814	1
ENSG0000	mucosal h	Inflamed	C8orf82	protein_cc	chr8	1.46E+08	1.46E+08	-	3001	1481.714	0	0.299845	0.112634	2.662114	0.009063	0.047824	1
ENSG0000	mucosal h	Inflamed	PPP1R14C	protein_cc	chr6	1.5E+08	1.51E+08	+	2152	689.0191	0	0.545134	0.204821	2.661519	0.009078	0.047894	1
ENSG0000	mucosal h	Inflamed	AC112198	pseudoger	chr5	54104038	54168379	-	6996	1.792363	0.653938	-0.52733	0.198151	-2.66125	0.009084	0.047919	1
ENSG0000	mucosal h	Inflamed	RP11-820	pseudoger	chr17	28102765	28103719	-	955	2.264916	0.479714	0.454394	0.170767	2.660904	0.009093	0.04795	1
ENSG0000	mucosal h	Inflamed	ATP6V1E2	protein_cc	chr2	46717889	46769696	-	5283	104.568	0	-0.3094	0.116276	-2.66088	0.009094	0.04795	1
ENSG0000	mucosal h	Inflamed	ITGAL	protein_cc	chr16	30483979	30534506	+	6472	2557.103	0	-0.57917	0.217722	-2.66015	0.009112	0.048037	1
ENSG0000	mucosal h	Inflamed	IGHV3-16	IG_V_gene	chr14	1.07E+08	1.07E+08	-	425	2.46778	0.48926	-0.47732	0.179462	-2.65974	0.009122	0.048081	1
ENSG0000	mucosal h	Inflamed	GNB5	protein_cc	chr15	52413117	52483566	-	7487	444.6492	0	-0.40378	0.151838	-2.65929	0.009134	0.048129	1
ENSG0000	mucosal h	Inflamed	APOBEC1	protein_cc	chr12	7801996	7818499	-	889	188.5465	0.009547	-1.04406	0.392617	-2.65924	0.009135	0.048129	1
ENSG0000	mucosal h	Inflamed	ERN2	protein_cc	chr16	23701647	23724821	-	4998	6081.905	0	0.727302	0.273524	2.659008	0.009141	0.04815	1
ENSG0000	mucosal h	Inflamed	FBXL20	protein_cc	chr17	37415384	37558776	-	3261	298.821	0	0.352701	0.132649	2.658896	0.009144	0.048156	1
ENSG0000	mucosal h	Inflamed	PKN1	protein_cc	chr19	14543865	14582679	+	4606	2892.215	0	-0.42211	0.158768	-2.65865	0.00915	0.048177	1
ENSG0000	mucosal h	Inflamed	TICAM2	protein_cc	chr5	1.15E+08	1.15E+08	-	4205	14.52983	0.040573	-0.52852	0.198798	-2.65858	0.009152	0.048177	1
ENSG0000	mucosal h	Inflamed	AC127496	protein_cc	chr17	78977135	78978932	+	1798	70.97613	0.023866	0.500773	0.188373	2.658416	0.009156	0.048177	1
ENSG0000	mucosal h	Inflamed	GTF3A	protein_cc	chr13	27998681	28009958	+	2999	1709.017	0	-0.28805	0.108353	-2.6584	0.009156	0.048177	1
ENSG0000	mucosal h	Inflamed	LINC00863	lincRNA	chr10	89102493	89117639	+	3287	164.1289	0	0.351211	0.132115	2.658376	0.009157	0.048177	1
ENSG0000	mucosal h	Inflamed	LINC00594	lincRNA	chr15	40664026	40664677	+	401	15.20286	0.167064	0.732483	0.275622	2.657559	0.009178	0.048276	1
ENSG0000	mucosal h	Inflamed	NRG1	protein_cc	chr8	31496902	32622548	+	7657	794.2673	0	-0.68918	0.259338	-2.65748	0.00918	0.048277	1
ENSG0000	mucosal h	Inflamed	U47924.2	antisense	chr12	7074112	7074545	+	434	4.699284	0.212411	0.465791	0.175286	2.657324	0.009184	0.048288	1
ENSG0000	mucosal h	Inflamed	COX11	protein_cc	chr17	53029263	53046146	-	6488	1014.53	0	0.399941	0.150515	2.657159	0.009188	0.048288	1
ENSG0000	mucosal h	Inflamed	LY6K	protein_cc	chr8	1.44E+08	1.44E+08	+	4049	13.64439	0.085919	-0.82406	0.31013	-2.65714	0.009188	0.048288	1
ENSG0000	mucosal h	Inflamed	BICD1	protein_cc	chr12	32259769	32536567	+	11790	269.8831	0.002387	-0.60961	0.229429	-2.65706	0.009191	0.048288	1
ENSG0000	mucosal h	Inflamed	MSANTD3	protein_cc	chr9	1.03E+08	1.03E+08	+	2763	322.4511	0	-0.45189	0.170076	-2.65697	0.009193	0.048288	1
ENSG0000	mucosal h	Inflamed	GHR	protein_cc	chr5	42423879	42721979	+	5871	112.0167	0.009547	0.635857	0.239317	2.656963	0.009193	0.048288	1
ENSG0000	mucosal h	Inflamed	STAU2-AS1	lincRNA	chr8	74332239	74353761	+	2279	2.73031	0.443914	0.476043	0.179182	2.656756	0.009198	0.048306	1
ENSG0000	mucosal h	Inflamed	ACTN3	polymorpt	chr11	66313866	66330800	+	3517	6.121718	0.25537	-0.61325	0.230838	-2.65665	0.009201	0.048311	1
ENSG0000	mucosal h	Inflamed	RP11-106	antisense	chr15	63124323	63176233	-	4086	13.19093	0.088305	0.767702	0.288991	2.656489	0.009205	0.048315	1
ENSG0000	mucosal h	Inflamed	KLKB1	protein_cc	chr4	1.87E+08	1.87E+08	+	2953	45.6253	0.02864	0.801776	0.30182	2.656473	0.009205	0.048315	1
ENSG0000	mucosal h	Inflamed	CD33	protein_cc	chr19	51728320	51747115	+	5975	243.6778	0	-0.40495	0.152448	-2.65635	0.009209	0.048322	1
ENSG0000	mucosal h	Inflamed	CYB5RL	protein_cc	chr1	54638009	54665709	-	6244	230.7351	0	0.50428	0.189851	2.656193	0.009212	0.048333	1
ENSG0000	mucosal h	Inflamed	RP11-523	antisense	chr10	50184599	50201091	-	1610	2.408115	0.46778	0.455297	0.171434	2.655813	0.009222	0.048374	1
ENSG0000	mucosal h	Inflamed	PRORS1P	pseudoger	chr2	55509455	55511658	+	2204	65.83294	0.002387	0.63505	0.239147	2.655482	0.009231	0.048409	1
ENSG0000	mucosal h	Inflamed	CTD-252	antisense	chr11	1.2E+08	1.2E+08	+	523	11.05251	0.033413	0.489925	0.184555	2.654631	0.009252	0.048504	1
ENSG0000	mucosal h	Inflamed	C2ORF15	protein_cc	chr2	99757948	99767950	+	2098	37.69928	0.002387	0.456226	0.17187	2.654482	0.009256	0.048504	1
ENSG0000	mucosal h	Inflamed	RP11-288	pseudoger	chr6	7516833	7518073	-	1241	0.97852	0.73747	0.252962	0.095297	2.654458	0.009257	0.048504	1
ENSG0000	mucosal h	Inflamed	ENOSF1	protein_cc	chr18	670324	712676	-	10616	2025.706	0	0.496226	0.186946	2.654374	0.009259	0.048504	1
ENSG0000	mucosal h	Inflamed	RP11-127	lincRNA	chr7	5468362	5469303	+	942	19.35561	0	0.378807	0.142712	2.65435	0.00926	0.048504	1
ENSG0000	mucosal h	Inflamed	RP11-440	lincRNA	chr9	94188520	94189426	+	474	1.689737	0.594272	-0.3695	0.139209	-2.65429	0.009261	0.048504	1
ENSG0000	mucosal h	Inflamed	SLC39A1	protein_cc	chr1	1.54E+08	1.54E+08	-	3246	3792.026	0	-0.19576	0.073752	-2.65424	0.009262	0.048504	1

ENSG0000	mucosal h	Inflamed	TEF	protein_cc	chr22	41763337	41795330	+	4715	2173.337	0	0.476021	0.179347	2.654192	0.009264	0.048504	1
ENSG0000	mucosal h	Inflamed	RP11-165J	antisense	chr9	96197614	96199403	-	691	26.61575	0.040573	0.660961	0.24905	2.653933	0.00927	0.048529	1
ENSG0000	mucosal h	Inflamed	HTR4	protein_cc	chr5	1.48E+08	1.48E+08	-	7087	167.4511	0.019093	1.042921	0.392985	2.653841	0.009273	0.048532	1
ENSG0000	mucosal h	Inflamed	SH3BGR	protein_cc	chr21	40817781	40887433	+	1495	36.63007	0	0.399136	0.150409	2.653662	0.009277	0.048546	1
ENSG0000	mucosal h	Inflamed	AC006126	lincRNA	chr19	45741890	45748628	-	460	68.11695	0.026253	-0.70835	0.266956	-2.65345	0.009283	0.048563	1
ENSG0000	mucosal h	Inflamed	VWCE	protein_cc	chr11	61025762	61062896	-	4869	21.24582	0.033413	-0.60902	0.229524	-2.65339	0.009284	0.048563	1
ENSG0000	mucosal h	Inflamed	RP11-592E	pseudoger	chr10	51287081	51371070	-	2353	3.066826	0.369928	0.464889	0.175227	2.653069	0.009292	0.048597	1
ENSG0000	mucosal h	Inflamed	SPN	protein_cc	chr16	29674300	29682187	+	7372	1147.675	0	-0.51306	0.193396	-2.6529	0.009297	0.04861	1
ENSG0000	mucosal h	Inflamed	HDAC11	protein_cc	chr3	13521224	13547916	+	5273	1058.086	0	0.31743	0.11966	2.652771	0.0093	0.048618	1
ENSG0000	mucosal h	Inflamed	MTND6P2	pseudoger	chr21	45892778	45893622	+	482	2.038186	0.52506	0.459606	0.173281	2.652372	0.00931	0.048661	1
ENSG0000	mucosal h	Inflamed	DYNC1LI2	protein_cc	chr16	66754796	66785701	-	8278	6026.549	0	0.528316	0.19922	2.651921	0.009322	0.048712	1
ENSG0000	mucosal h	Inflamed	RP1-224A	lincRNA	chr1	22427106	22427853	+	748	2.00716	0.486874	0.383045	0.144445	2.651833	0.009324	0.048715	1
ENSG0000	mucosal h	Inflamed	ANKS4B	protein_cc	chr16	21244986	21263750	+	2936	1878.327	0.002387	0.767482	0.289435	2.651652	0.009329	0.048729	1
ENSG0000	mucosal h	Inflamed	RBP2	protein_cc	chr3	1.39E+08	1.39E+08	-	845	136.494	0.186158	1.332236	0.502722	2.650045	0.00937	0.048936	1
ENSG0000	mucosal h	Inflamed	IRAK2	protein_cc	chr3	10206549	10285427	+	3483	481.3103	0	-0.58267	0.219906	-2.64965	0.00938	0.04898	1
ENSG0000	mucosal h	Inflamed	CASK	protein_cc	chrX	41374187	41782716	-	10547	2396.267	0	0.470892	0.177739	2.649341	0.009389	0.049012	1
ENSG0000	mucosal h	Inflamed	MMP19	protein_cc	chr12	56229217	56236750	-	4672	1057.27	0	-0.72677	0.274357	-2.649	0.009397	0.049048	1
ENSG0000	mucosal h	Inflamed	GALK1	protein_cc	chr17	73747675	73761792	-	2891	582.253	0	-0.35321	0.133344	-2.6489	0.0094	0.049052	1
ENSG0000	mucosal h	Inflamed	ZNF613	protein_cc	chr19	52430400	52452012	+	3146	120.0597	0	0.469142	0.17714	2.648419	0.009412	0.049102	1
ENSG0000	mucosal h	Inflamed	ADCK2	protein_cc	chr7	1.4E+08	1.4E+08	+	2913	1347.542	0	0.282774	0.106772	2.648389	0.009413	0.049102	1
ENSG0000	mucosal h	Inflamed	RLTPR	protein_cc	chr16	67678822	67691472	+	7699	665.9308	0	-0.69701	0.263203	-2.64819	0.009418	0.04912	1
ENSG0000	mucosal h	Inflamed	ORAI1	protein_cc	chr12	1.22E+08	1.22E+08	+	2263	995.1193	0	-0.31341	0.118364	-2.64789	0.009426	0.04915	1
ENSG0000	mucosal h	Inflamed	KB-1448A	lincRNA	chr8	97384093	97399666	-	1046	1.310263	0.689737	0.411679	0.155479	2.647816	0.009428	0.04915	1
ENSG0000	mucosal h	Inflamed	PDE6G	protein_cc	chr17	79617489	79630142	-	1583	60.18138	0	-0.52291	0.197507	-2.64755	0.009435	0.049172	1
ENSG0000	mucosal h	Inflamed	04-Sep	protein_cc	chr17	56597611	56618179	-	8012	274.7064	0	-0.54179	0.204642	-2.64751	0.009436	0.049172	1
ENSG0000	mucosal h	Inflamed	RP11-107k	lincRNA	chr18	24002959	24006065	+	900	1.040573	0.727924	-0.36391	0.137472	-2.64718	0.009445	0.049207	1
ENSG0000	mucosal h	Inflamed	KB-1572G	processed	chr22	23972805	23981128	-	1087	6.615752	0.221957	0.578906	0.218717	2.646821	0.009454	0.049246	1
ENSG0000	mucosal h	Inflamed	MYEF2	protein_cc	chr15	48431625	48470714	-	9261	234.2196	0	0.685296	0.258923	2.646716	0.009457	0.049249	1
ENSG0000	mucosal h	Inflamed	PLXNA1	protein_cc	chr3	1.27E+08	1.27E+08	+	10944	3696.902	0	-0.45416	0.171596	-2.64666	0.009458	0.049249	1
ENSG0000	mucosal h	Inflamed	MPZL2	protein_cc	chr11	1.18E+08	1.18E+08	-	4753	1516.184	0	0.469013	0.177238	2.646227	0.009469	0.049298	1
ENSG0000	mucosal h	Inflamed	RP11-297M	lincRNA	chr16	9847272	9851895	-	4624	12.01909	0.157518	0.725394	0.274139	2.646079	0.009473	0.049308	1
ENSG0000	mucosal h	Inflamed	ERMP1	protein_cc	chr9	5765076	5833117	-	6528	2502.167	0	0.505261	0.190955	2.645969	0.009476	0.049313	1
ENSG0000	mucosal h	Inflamed	PCAT7	antisense	chr9	97317351	97330409	+	1164	32.90692	0.02864	0.611027	0.230939	2.645843	0.00948	0.049321	1
ENSG0000	mucosal h	Inflamed	PDZK1	protein_cc	chr1	1.46E+08	1.46E+08	+	2347	63.65394	0.045346	1.148502	0.434178	2.645235	0.009495	0.049393	1
ENSG0000	mucosal h	Inflamed	CARD16	protein_cc	chr11	1.05E+08	1.05E+08	-	1688	713.8974	0	-0.47448	0.179383	-2.64506	0.0095	0.049407	1
ENSG0000	mucosal h	Inflamed	CTD-2192J	lincRNA	chr19	12793507	12798093	-	635	2.606205	0.381862	0.413587	0.156416	2.64415	0.009524	0.049522	1
ENSG0000	mucosal h	Inflamed	DLG3	protein_cc	chrX	69664711	69725337	+	7841	3265.27	0	0.458332	0.17335	2.643975	0.009528	0.049526	1
ENSG0000	mucosal h	Inflamed	RP11-128C	pseudoger	chr5	70398725	70424580	-	2851	18.28162	0.059666	0.597196	0.225871	2.643972	0.009529	0.049526	1
ENSG0000	mucosal h	Inflamed	PRSS22	protein_cc	chr16	2902728	2908171	-	2387	576.2076	0	-0.95137	0.359853	-2.64378	0.009533	0.049542	1
ENSG0000	mucosal h	Inflamed	HKR1	protein_cc	chr19	37803739	37860267	+	7203	895.1169	0	0.402082	0.152093	2.643651	0.009537	0.049547	1

ENSG0000	mucosal h	Inflamed	PSMB6	protein_cc	chr17	4699439	4701790	+	1420	1897.647	0	-0.27144	0.102679	-2.64361	0.009538	0.049547	1
ENSG0000	mucosal h	Inflamed	CES3	protein_cc	chr16	66995140	67009051	+	4935	5811.332	0	0.846103	0.320096	2.643277	0.009547	0.049581	1
ENSG0000	mucosal h	Inflamed	GSS	protein_cc	chr20	33516236	33543620	-	2325	2760.508	0	0.252294	0.09545	2.643212	0.009549	0.049581	1
ENSG0000	mucosal h	Inflamed	RP11-484E	pseudoger	chr11	43487942	43488421	+	480	2.823389	0.412888	0.502174	0.189997	2.643054	0.009553	0.049593	1
ENSG0000	mucosal h	Inflamed	NUDT9	protein_cc	chr4	88343734	88380606	+	3184	837.9212	0	0.288612	0.109216	2.642577	0.009565	0.049649	1
ENSG0000	mucosal h	Inflamed	COX5A	protein_cc	chr15	75212132	75230509	-	1411	8392.408	0	0.295564	0.111879	2.641807	0.009586	0.049744	1
ENSG0000	mucosal h	Inflamed	SLC22A11	protein_cc	chr11	64323098	64340347	+	5222	4.880668	0.315036	0.610418	0.231076	2.641627	0.00959	0.049759	1
ENSG0000	mucosal h	Inflamed	TMEM154	protein_cc	chr4	1.54E+08	1.54E+08	-	11573	410.8067	0	-0.75761	0.286818	-2.64142	0.009596	0.049778	1
ENSG0000	mucosal h	Inflamed	ISCA1	protein_cc	chr9	88879461	88897676	-	3273	849.9236	0	0.279866	0.105994	2.640399	0.009623	0.049908	1
ENSG0000	mucosal h	Inflamed	RN7SL689I	misc_RNA	chr5	1.22E+08	1.22E+08	-	295	10.41527	0.052506	0.53574	0.202914	2.640233	0.009627	0.049912	1
ENSG0000	mucosal h	Inflamed	COPE	protein_cc	chr19	19010323	19030206	-	2885	4515.654	0	-0.22921	0.086815	-2.64022	0.009627	0.049912	1
ENSG0000	mucosal h	Inflamed	LGALS4	protein_cc	chr19	39292311	39304004	-	2645	89867.48	0	0.797637	0.30213	2.640041	0.009632	0.049924	1
ENSG0000	mucosal h	Inflamed	ANO4	protein_cc	chr12	1.01E+08	1.02E+08	+	4997	10.10263	0.078759	0.629589	0.238481	2.639996	0.009633	0.049924	1
ENSG0000	mucosal h	Inflamed	RP11-179E	antisense	chr10	1.03E+08	1.03E+08	-	1637	13.68258	0.004773	0.40309	0.152699	2.639769	0.009639	0.049945	1
ENSG0000	mucosal h	Inflamed	PDK1	protein_cc	chr2	1.73E+08	1.73E+08	+	15115	1633.575	0	-0.65837	0.249415	-2.63967	0.009642	0.049949	1
ENSG0000	mucosal h	Inflamed	SLC25A5-A	processed_ch	X	1.19E+08	1.19E+08	-	3065	32.642	0	0.308372	0.116834	2.639409	0.009649	0.049975	1
ENSG0000	mucosal h	Inflamed	LETMD1	protein_cc	chr12	51441745	51454207	+	4400	1781.241	0	0.268922	0.101894	2.639242	0.009653	0.049983	1
ENSG0000	mucosal h	Inflamed	RN7SL767I	misc_RNA	chr3	1.13E+08	1.13E+08	+	277	1.088305	0.720764	0.335689	0.127193	2.639204	0.009654	0.049983	1
ENSG0000	mucosal h	Inflamed	CCDC24	protein_cc	chr1	44457031	44462200	+	3554	427.8377	0	0.331883	0.125823	2.637692	0.009695	0.050182	1
ENSG0000	mucosal h	Inflamed	RP11-711M	lincRNA	chr2	74213653	74220867	+	710	34.46778	0.026253	0.493723	0.187215	2.637204	0.009708	0.050239	1
ENSG0000	mucosal h	Inflamed	PIK3R6	protein_cc	chr17	8706041	8770994	-	3563	254.3389	0	-0.42284	0.160347	-2.63706	0.009712	0.050248	1
ENSG0000	mucosal h	Inflamed	SIX1	protein_cc	chr14	61110133	61124977	-	5430	12.37947	0.202864	-0.80947	0.306968	-2.637	0.009713	0.050248	1
ENSG0000	mucosal h	Inflamed	RP1-128M	pseudoger	chr12	1.12E+08	1.12E+08	-	247	0.899761	0.775656	0.316324	0.11997	2.636691	0.009721	0.050281	1
ENSG0000	mucosal h	Inflamed	RP11-762I	sense_intr	chr12	56155334	56156412	-	529	12.86158	0.105012	0.651309	0.247027	2.636593	0.009724	0.050284	1
ENSG0000	mucosal h	Inflamed	hsa-mir-45	miRNA	chr14	1.06E+08	1.06E+08	-	60	32.05012	0.054893	-0.86198	0.326939	-2.63651	0.009726	0.050286	1
ENSG0000	mucosal h	Inflamed	FAM134A	protein_cc	chr2	2.2E+08	2.2E+08	+	5689	5043.516	0	0.231125	0.087698	2.635464	0.009754	0.050421	1
ENSG0000	mucosal h	Inflamed	QARS	protein_cc	chr3	49133365	49142553	-	4576	9419.379	0	0.298913	0.11344	2.634986	0.009767	0.050471	1
ENSG0000	mucosal h	Inflamed	HRK	protein_cc	chr12	1.17E+08	1.17E+08	-	6853	23.47971	0.052506	0.787309	0.298794	2.634957	0.009768	0.050471	1
ENSG0000	mucosal h	Inflamed	ZNF252P-1	antisense	chr8	1.46E+08	1.46E+08	+	3236	28.93079	0.026253	0.589114	0.223663	2.633936	0.009795	0.050603	1
ENSG0000	mucosal h	Inflamed	TDRD3	protein_cc	chr13	60970591	61148012	+	4112	377.3031	0	0.432783	0.164321	2.633775	0.0098	0.050616	1
ENSG0000	mucosal h	Inflamed	TGFB3L	protein_cc	chr19	7981030	7983982	+	1516	8.546539	0.040573	-0.47809	0.181531	-2.63364	0.009803	0.050624	1
ENSG0000	mucosal h	Inflamed	PGBD2	protein_cc	chr1	2.49E+08	2.49E+08	+	3772	295.3484	0	0.508921	0.193288	2.632972	0.009821	0.050708	1
ENSG0000	mucosal h	Inflamed	RP11-13N	lincRNA	chr18	19210099	19213485	+	745	5.26253	0.159905	0.488046	0.185395	2.63247	0.009835	0.050768	1
ENSG0000	mucosal h	Inflamed	RP11-290C	antisense	chr12	10019626	10022407	+	719	1.033413	0.735084	-0.32298	0.122712	-2.63199	0.009848	0.050825	1
ENSG0000	mucosal h	Inflamed	FANCG	protein_cc	chr9	35073832	35080013	-	3614	678.5155	0	-0.25568	0.097159	-2.63161	0.009858	0.050856	1
ENSG0000	mucosal h	Inflamed	AL512652	pseudoger	chr13	21286570	21288285	+	1714	2.052506	0.486874	0.395497	0.150289	2.631583	0.009859	0.050856	1
ENSG0000	mucosal h	Inflamed	PAFAH2	protein_cc	chr1	26286258	26324648	-	3835	2027.525	0	0.376399	0.143033	2.631551	0.00986	0.050856	1
ENSG0000	mucosal h	Inflamed	MX1	protein_cc	chr21	42792231	42831141	+	8611	1939.215	0	-0.49884	0.189569	-2.63144	0.009863	0.050861	1
ENSG0000	mucosal h	Inflamed	KIAA1239	protein_cc	chr4	37245842	37451087	+	8325	28.64678	0.138425	1.003324	0.381306	2.631287	0.009867	0.050873	1
ENSG0000	mucosal h	Inflamed	CTD-2083E	sense_ove	chr5	195893	196456	+	564	2.859189	0.369928	-0.50753	0.19289	-2.6312	0.009869	0.050875	1

ENSG0000	mucosal h	Inflamed	PPP1R1B	protein_cc	chr17	37782993	37792879	+	4554	10267.13	0	0.730678	0.277721	2.630974	0.009875	0.050897	1
ENSG0000	mucosal h	Inflamed	ABCC6	protein_cc	chr16	16242785	16317379	-	7559	627.2625	0	0.637535	0.24233	2.630859	0.009879	0.050903	1
ENSG0000	mucosal h	Inflamed	S100A4	protein_cc	chr1	1.54E+08	1.54E+08	-	1025	1810.554	0	-0.62584	0.237896	-2.63074	0.009882	0.050903	1
ENSG0000	mucosal h	Inflamed	HOXB9	protein_cc	chr17	46698518	46703839	-	2705	3431.938	0	0.719713	0.273581	2.630711	0.009883	0.050903	1
ENSG0000	mucosal h	Inflamed	PCDHB9	pseudoger	chr5	1.41E+08	1.41E+08	+	4217	25.34129	0.026253	0.484014	0.183998	2.630537	0.009887	0.050918	1
ENSG0000	mucosal h	Inflamed	RP11-796E	lincRNA	chr2	1.75E+08	1.75E+08	+	317	1.789976	0.594272	0.358709	0.136368	2.630441	0.00989	0.050921	1
ENSG0000	mucosal h	Inflamed	RP4-621B1	lincRNA	chr1	92654794	92656264	+	1293	2.293556	0.455847	0.412056	0.156689	2.629767	0.009908	0.050999	1
ENSG0000	mucosal h	Inflamed	BZRAP1-A'	antisense	chr17	56402811	56493127	+	3601	175.537	0.002387	-0.64378	0.244817	-2.62965	0.009911	0.050999	1
ENSG0000	mucosal h	Inflamed	RP13-15M	pseudoger	chr1	9636485	9637043	+	559	15.44391	0.107399	0.647994	0.246427	2.629558	0.009914	0.050999	1
ENSG0000	mucosal h	Inflamed	GALM	protein_cc	chr2	38893052	38968379	+	2790	1985.055	0	0.356131	0.135434	2.629557	0.009914	0.050999	1
ENSG0000	mucosal h	Inflamed	TFPI	protein_cc	chr2	1.88E+08	1.88E+08	-	11714	580.8353	0	-0.60376	0.229608	-2.62953	0.009915	0.050999	1
ENSG0000	mucosal h	Inflamed	ST18	protein_cc	chr8	53023399	53373519	-	14396	22.9284	0.02148	0.608294	0.231398	2.62878	0.009935	0.051087	1
ENSG0000	mucosal h	Inflamed	RP11-256L	antisense	chr12	96390299	96405267	+	862	4.966587	0.50358	-0.77271	0.293944	-2.62876	0.009936	0.051087	1
ENSG0000	mucosal h	Inflamed	TTC38	protein_cc	chr22	46663858	46689905	+	3578	4836.986	0	0.388685	0.147873	2.628505	0.009943	0.05111	1
ENSG0000	mucosal h	Inflamed	DGCR5	antisense	chr22	18958027	19018755	+	8670	4.064439	0.379475	-0.59299	0.225603	-2.62846	0.009944	0.05111	1
ENSG0000	mucosal h	Inflamed	THG1L	protein_cc	chr5	1.57E+08	1.57E+08	+	3220	426.3341	0	0.311349	0.118466	2.628163	0.009952	0.051141	1
ENSG0000	mucosal h	Inflamed	EFEMP2	protein_cc	chr11	65633912	65641063	-	5397	1376.797	0	-0.52086	0.19819	-2.62808	0.009954	0.051143	1
ENSG0000	mucosal h	Inflamed	DHFRP1	pseudoger	chr18	23749724	23751313	-	1590	3.171838	0.27685	0.395025	0.150319	2.627914	0.009959	0.051156	1
ENSG0000	mucosal h	Inflamed	RP11-61A1	lincRNA	chr16	66923072	66924996	+	1925	216.8258	0	0.354489	0.134925	2.627298	0.009976	0.051232	1
ENSG0000	mucosal h	Inflamed	KIRREL	protein_cc	chr1	1.58E+08	1.58E+08	+	7872	2254.928	0	-0.57132	0.217501	-2.62673	0.009991	0.051302	1
ENSG0000	mucosal h	Inflamed	TNFSF13B	protein_cc	chr13	1.09E+08	1.09E+08	+	3059	306.4344	0	-0.67146	0.255642	-2.62656	0.009996	0.051316	1
ENSG0000	mucosal h	Inflamed	ERCC6	protein_cc	chr10	50663414	50747584	-	8840	337.2387	0	0.514376	0.195856	2.626301	0.010003	0.051342	1
ENSG0000	mucosal h	Inflamed	RP11-285E	lincRNA	chr17	75260262	75260858	-	597	3.252983	0.362768	0.498275	0.189744	2.626045	0.01001	0.051357	1
ENSG0000	mucosal h	Inflamed	RP11-357F	lincRNA	chr17	46713285	46724385	-	1596	1037.549	0	0.695897	0.265001	2.626019	0.010011	0.051357	1
ENSG0000	mucosal h	Inflamed	SLC30A10	protein_cc	chr1	2.2E+08	2.2E+08	-	5770	837.9093	0.011933	1.342209	0.511126	2.625986	0.010012	0.051357	1
ENSG0000	mucosal h	Inflamed	LRP5L	protein_cc	chr22	25747385	25801344	-	4555	350.9141	0	0.502845	0.191495	2.625891	0.010014	0.05136	1
ENSG0000	mucosal h	Inflamed	RP11-405C	sense_intr	chr6	7183316	7185520	+	1676	5.112172	0.229117	0.565126	0.215233	2.625651	0.010021	0.051384	1
ENSG0000	mucosal h	Inflamed	FAM65A	protein_cc	chr16	67552321	67580691	+	6730	2058.484	0	-0.5551	0.211435	-2.62541	0.010027	0.051404	1
ENSG0000	mucosal h	Inflamed	MRPS22	protein_cc	chr3	1.39E+08	1.39E+08	+	5382	769.4296	0	0.337773	0.128661	2.625298	0.01003	0.051404	1
ENSG0000	mucosal h	Inflamed	CTB-114C7	lincRNA	chr5	1.7E+08	1.7E+08	+	985	2.937947	0.369928	-0.43841	0.166996	-2.62529	0.010031	0.051404	1
ENSG0000	mucosal h	Inflamed	HIST1H4E	protein_cc	chr6	26204858	26206266	+	1409	22.44391	0.009547	0.716462	0.272923	2.62514	0.010035	0.051416	1
ENSG0000	mucosal h	Inflamed	INSM1	protein_cc	chr20	20348765	20351590	+	2826	147.4893	0.004773	0.735631	0.280234	2.625059	0.010037	0.051417	1
ENSG0000	mucosal h	Inflamed	HOXB3	protein_cc	chr17	46626232	46682274	-	7456	1391.26	0	0.582866	0.222061	2.624805	0.010044	0.051443	1
ENSG0000	mucosal h	Inflamed	OSGEPL1-7	antisense	chr2	1.91E+08	1.91E+08	+	860	9.429594	0.042959	0.437056	0.166522	2.624621	0.010049	0.051459	1
ENSG0000	mucosal h	Inflamed	IGF2	protein_cc	chr11	2150342	2170833	-	6979	572.8568	0	-0.73734	0.280949	-2.62448	0.010053	0.051459	1
ENSG0000	mucosal h	Inflamed	MIRLET7I	miRNA	chr12	62997466	62997550	+	85	1.591885	0.632458	-0.42192	0.160763	-2.62448	0.010053	0.051459	1
ENSG0000	mucosal h	Inflamed	RP11-57H1	antisense	chr10	1.15E+08	1.15E+08	-	460	7.914081	0.102625	0.568114	0.216506	2.624008	0.010066	0.051515	1
ENSG0000	mucosal h	Inflamed	CDCA5	protein_cc	chr11	64833772	64851636	-	3925	727.2506	0	-0.33605	0.128079	-2.62381	0.010071	0.051533	1
ENSG0000	mucosal h	Inflamed	RP11-645C	lincRNA	chr16	21805416	21807080	-	1665	29.54654	0.054893	0.75075	0.286196	2.623197	0.010088	0.05161	1
ENSG0000	mucosal h	Inflamed	ZNF443	protein_cc	chr19	12540521	12551926	-	2753	137.6516	0.002387	0.654852	0.249656	2.623019	0.010093	0.051618	1

ENSG0000	mucosal h	Inflamed	ATP2A1	protein_cc	chr16	28889726	28915830	+	4587	40.43675	0.023866	0.553303	0.210943	2.622997	0.010094	0.051618	1
ENSG0000	mucosal h	Inflamed	DAD1	protein_cc	chr14	23033805	23058175	-	808	2610.547	0	-0.34911	0.133104	-2.62285	0.010098	0.051629	1
ENSG0000	mucosal h	Inflamed	PGM5P1	pseudoger	chr9	68741234	68809906	-	2303	2.634845	0.451074	0.548326	0.209068	2.622719	0.010102	0.051637	1
ENSG0000	mucosal h	Inflamed	RP3-400B1	lincRNA	chr6	4136306	4157619	+	2277	21.43675	0.038186	0.668171	0.254795	2.62239	0.010111	0.051648	1
ENSG0000	mucosal h	Inflamed	SST	protein_cc	chr3	1.87E+08	1.87E+08	-	618	651.2936	0.002387	1.081723	0.412511	2.622288	0.010114	0.051648	1
ENSG0000	mucosal h	Inflamed	NPAS1	protein_cc	chr19	47523077	47549033	+	2582	34.69928	0	-0.3535	0.134811	-2.62223	0.010115	0.051648	1
ENSG0000	mucosal h	Inflamed	TRIM47	protein_cc	chr17	73870242	73874656	-	3142	2213.122	0	-0.29111	0.111018	-2.62222	0.010115	0.051648	1
ENSG0000	mucosal h	Inflamed	RP11-544L	antisense	chr6	1.14E+08	1.14E+08	+	2255	2.861575	0.46778	0.535669	0.204288	2.622127	0.010118	0.051648	1
ENSG0000	mucosal h	Inflamed	ALOX15B	protein_cc	chr17	7942335	7952452	+	3028	115.7709	0.002387	-0.79816	0.304406	-2.62203	0.010121	0.051648	1
ENSG0000	mucosal h	Inflamed	RP11-103J	lincRNA	chr4	37003438	37022330	+	2471	2.959427	0.5179	0.44442	0.169496	2.622016	0.010121	0.051648	1
ENSG0000	mucosal h	Inflamed	RAB24	protein_cc	chr5	1.77E+08	1.77E+08	-	2065	539.5442	0	-0.37399	0.142633	-2.62201	0.010121	0.051648	1
ENSG0000	mucosal h	Inflamed	RP4-756H	sense_intr	chr7	66119525	66134842	+	938	29.11217	0.011933	0.432131	0.16481	2.622003	0.010121	0.051648	1
ENSG0000	mucosal h	Inflamed	COL5A2	protein_cc	chr2	1.9E+08	1.9E+08	-	7156	6239.294	0	-0.70342	0.26829	-2.62185	0.010126	0.051661	1
ENSG0000	mucosal h	Inflamed	DNAH8	protein_cc	chr6	38683117	38998301	+	15051	13.93079	0.190931	-0.7707	0.294097	-2.62056	0.010161	0.051833	1
ENSG0000	mucosal h	Inflamed	AOX1	protein_cc	chr2	2.01E+08	2.02E+08	+	5552	165.9523	0.011933	-0.97016	0.370252	-2.62028	0.010169	0.051855	1
ENSG0000	mucosal h	Inflamed	RP11-383J	lincRNA	chr8	1.25E+08	1.25E+08	-	2188	132.5012	0.002387	0.529701	0.202156	2.62026	0.01017	0.051855	1
ENSG0000	mucosal h	Inflamed	RP11-1007	lincRNA	chr15	72757469	72758603	-	1135	13.25537	0.081146	0.603027	0.230197	2.619608	0.010188	0.051935	1
ENSG0000	mucosal h	Inflamed	PXMP4	protein_cc	chr20	32294512	32308125	-	1771	383.2482	0	0.338405	0.129192	2.619388	0.010194	0.051935	1
ENSG0000	mucosal h	Inflamed	RP11-416A	pseudoger	chr12	51518411	51519164	-	754	10.86635	0.119332	0.580091	0.221464	2.619352	0.010195	0.051935	1
ENSG0000	mucosal h	Inflamed	GNAS-AS1	antisense	chr20	57393974	57425958	-	2379	4.50358	0.174224	0.440348	0.168115	2.619319	0.010196	0.051935	1
ENSG0000	mucosal h	Inflamed	CLRN3	protein_cc	chr10	1.3E+08	1.3E+08	-	1152	1802.494	0	0.740253	0.282616	2.619287	0.010197	0.051935	1
ENSG0000	mucosal h	Inflamed	RP11-543I	lincRNA	chr1	48154135	48169055	+	815	2.062053	0.568019	0.509099	0.194367	2.619271	0.010197	0.051935	1
ENSG0000	mucosal h	Inflamed	EFNA3	protein_cc	chr1	1.55E+08	1.55E+08	+	2098	303.5871	0	0.516097	0.197055	2.619046	0.010204	0.051957	1
ENSG0000	mucosal h	Inflamed	HLA-DRB6	pseudoger	chr6	32520490	32527799	-	1326	278.3484	0.026253	-0.54812	0.209295	-2.61888	0.010208	0.051962	1
ENSG0000	mucosal h	Inflamed	RAB36	protein_cc	chr22	23487513	23506537	+	4107	180.5346	0	-0.50347	0.192247	-2.61887	0.010209	0.051962	1
ENSG0000	mucosal h	Inflamed	MIR559	miRNA	chr2	47604814	47604909	+	96	13.86396	0.136038	0.717666	0.274053	2.61871	0.010213	0.051963	1
ENSG0000	mucosal h	Inflamed	ANKRD20A	protein_cc	chr9	67926761	67969840	+	3511	1.341289	0.653938	0.324391	0.123877	2.618665	0.010214	0.051963	1
ENSG0000	mucosal h	Inflamed	CTB-13F3	antisense	chr7	1.08E+08	1.08E+08	+	625	4.169451	0.236277	0.48929	0.186848	2.618651	0.010215	0.051963	1
ENSG0000	mucosal h	Inflamed	ZNF137P	pseudoger	chr19	53091758	53100660	+	2091	123.3532	0.019093	0.733407	0.280108	2.618304	0.010224	0.052003	1
ENSG0000	mucosal h	Inflamed	SLC25A22	protein_cc	chr11	790475	798316	-	4539	1227.048	0	-0.35071	0.133957	-2.61808	0.010231	0.052022	1
ENSG0000	mucosal h	Inflamed	RP11-97N	pseudoger	chrX	1.35E+08	1.35E+08	-	1134	1.642005	0.577566	0.360768	0.137801	2.618029	0.010232	0.052022	1
ENSG0000	mucosal h	Inflamed	RPS18P9	pseudoger	chr6	1.5E+08	1.5E+08	+	460	28.26492	0	0.324296	0.123875	2.617927	0.010235	0.052026	1
ENSG0000	mucosal h	Inflamed	C15orf27	protein_cc	chr15	76352178	76521462	+	5265	28.59189	0.01432	-0.64499	0.246391	-2.61774	0.01024	0.052043	1
ENSG0000	mucosal h	Inflamed	ME1	protein_cc	chr6	83920108	84140797	-	3378	1287.122	0	-0.61785	0.236057	-2.61735	0.010251	0.052087	1
ENSG0000	mucosal h	Inflamed	AC005224	antisense	chr17	14113805	14121239	+	1537	22.6611	0.016706	0.59033	0.225561	2.617163	0.010256	0.052105	1
ENSG0000	mucosal h	Inflamed	TMEM173	protein_cc	chr5	1.39E+08	1.39E+08	-	3850	3499.179	0	-0.36506	0.139535	-2.61626	0.010282	0.052223	1
ENSG0000	mucosal h	Inflamed	PI4K2A	protein_cc	chr10	99344131	99436191	+	4864	1004.535	0	-0.22406	0.085653	-2.61596	0.01029	0.052257	1
ENSG0000	mucosal h	Inflamed	RP11-359E	antisense	chr10	88509511	88516055	-	6545	88.53461	0.00716	0.470543	0.179883	2.615824	0.010294	0.052261	1
ENSG0000	mucosal h	Inflamed	AC005220	antisense	chr20	52556699	52559047	+	884	1.902148	0.563246	-0.42681	0.163166	-2.61578	0.010295	0.052261	1
ENSG0000	mucosal h	Inflamed	RUSC1	protein_cc	chr1	1.55E+08	1.55E+08	+	5427	2860.601	0	0.24553	0.09388	2.615354	0.010307	0.052313	1

ENSG0000	mucosal h	Inflamed	TRAPPC10	protein_cc chr21	45432200	45526433	+	11941	4209.05	0	0.369217	0.141192	2.615002	0.010317	0.052353	1
ENSG0000	mucosal h	Inflamed	FAM162B	protein_cc chr6	1.17E+08	1.17E+08	-	1033	30.91885	0.00716	-0.57913	0.221474	-2.61487	0.010321	0.052362	1
ENSG0000	mucosal h	Inflamed	C3orf83	protein_cc chr3	12556433	12602558	-	1829	89.59666	0.009547	0.550664	0.210604	2.614684	0.010326	0.052378	1
ENSG0000	mucosal h	Inflamed	DCTPP1	protein_cc chr16	30434940	30441396	-	1581	1650.332	0	0.321362	0.12291	2.614612	0.010328	0.052378	1
ENSG0000	mucosal h	Inflamed	ORAOV1	protein_cc chr11	69467844	69490184	-	7873	847.6802	0	0.341198	0.130503	2.614477	0.010332	0.052379	1
ENSG0000	mucosal h	Inflamed	OTUB2	protein_cc chr14	94492675	94515276	+	4252	320.1217	0	-0.4685	0.179195	-2.61446	0.010332	0.052379	1
ENSG0000	mucosal h	Inflamed	CTD-2292I	lincRNA chr14	20728639	20732467	-	3829	40.92363	0.023866	0.673755	0.257772	2.613762	0.010352	0.052465	1
ENSG0000	mucosal h	Inflamed	PRKAG2	protein_cc chr7	1.51E+08	1.52E+08	-	6740	1016.895	0	0.266545	0.101979	2.613724	0.010353	0.052465	1
ENSG0000	mucosal h	Inflamed	NCR2	protein_cc chr6	41303393	41318625	+	1219	3.918854	0.429594	0.572088	0.218895	2.61353	0.010359	0.052483	1
ENSG0000	mucosal h	Inflamed	GATAD1	protein_cc chr7	92076767	92088150	+	4791	1479.649	0	0.43077	0.164832	2.613393	0.010363	0.052492	1
ENSG0000	mucosal h	Inflamed	NUDT13	protein_cc chr10	74870217	74891586	+	2437	98.15036	0	0.533051	0.204002	2.612968	0.010375	0.052543	1
ENSG0000	mucosal h	Inflamed	RP11-250I	pseudoger chr9	69475237	69475614	+	378	5.704057	0.422434	0.592774	0.226883	2.61269	0.010383	0.052554	1
ENSG0000	mucosal h	Inflamed	CTD-2165I	pseudoger chr5	14620129	14621422	+	1294	7.367542	0.205251	0.625985	0.239597	2.612657	0.010384	0.052554	1
ENSG0000	mucosal h	Inflamed	AC004980	pseudoger chr7	76178677	76257299	+	3110	106.1838	0.002387	0.411055	0.157334	2.612617	0.010385	0.052554	1
ENSG0000	mucosal h	Inflamed	DMRT2	protein_cc chr9	1050354	1057552	+	2925	96.79475	0.02864	0.961021	0.367839	2.612611	0.010385	0.052554	1
ENSG0000	mucosal h	Inflamed	RP11-404F	antisense chr1	1.61E+08	1.61E+08	+	1933	12.56563	0.100239	-0.70337	0.269229	-2.61252	0.010387	0.052557	1
ENSG0000	mucosal h	Inflamed	ABLIM3	protein_cc chr5	1.49E+08	1.49E+08	+	7216	749.0382	0	-0.47873	0.18328	-2.61202	0.010402	0.052619	1
ENSG0000	mucosal h	Inflamed	RP11-27M	lincRNA chr16	10608699	10622059	-	502	2.198091	0.439141	0.41663	0.159523	2.611721	0.01041	0.052652	1
ENSG0000	mucosal h	Inflamed	ENPP1	protein_cc chr6	1.32E+08	1.32E+08	+	8294	471.031	0	0.702754	0.269087	2.611621	0.010413	0.052656	1
ENSG0000	mucosal h	Inflamed	DRD5	protein_cc chr4	9783258	9785632	+	2375	46.31742	0.362768	-0.86925	0.332877	-2.61132	0.010422	0.052689	1
ENSG0000	mucosal h	Inflamed	MXRA8	protein_cc chr1	1288069	1297157	-	3371	2146.406	0	-0.6054	0.231917	-2.61042	0.010447	0.0528	1
ENSG0000	mucosal h	Inflamed	VPS26B	protein_cc chr11	1.34E+08	1.34E+08	+	6483	3361.289	0	0.174979	0.067032	2.61039	0.010448	0.0528	1
ENSG0000	mucosal h	Inflamed	CD2	protein_cc chr1	1.17E+08	1.17E+08	+	1679	719.7184	0	-0.49586	0.189961	-2.61034	0.01045	0.0528	1
ENSG0000	mucosal h	Inflamed	BTBD3	protein_cc chr20	11871371	11907257	+	6228	1605.332	0	0.494088	0.189296	2.610141	0.010455	0.052819	1
ENSG0000	mucosal h	Inflamed	CTU2	protein_cc chr16	88772871	88781794	+	3532	398.9427	0	-0.25566	0.097967	-2.60964	0.01047	0.052881	1
ENSG0000	mucosal h	Inflamed	ENHO	protein_cc chr9	34521038	34523039	-	1082	170.926	0.002387	0.860012	0.329582	2.609406	0.010476	0.052904	1
ENSG0000	mucosal h	Inflamed	NLGN3	protein_cc chrX	70364681	70391051	+	4006	79.69451	0.002387	0.499278	0.191365	2.609036	0.010487	0.052948	1
ENSG0000	mucosal h	Inflamed	BCO2	protein_cc chr11	1.12E+08	1.12E+08	+	6789	56.63962	0.004773	0.659403	0.252755	2.608863	0.010492	0.052963	1
ENSG0000	mucosal h	Inflamed	LINC00847	lincRNA chr5	1.8E+08	1.8E+08	+	2453	550.6086	0	-0.26345	0.101003	-2.60832	0.010507	0.053031	1
ENSG0000	mucosal h	Inflamed	ECI2	protein_cc chr6	4115923	4135831	-	4579	1470.014	0	0.346133	0.132709	2.608204	0.010511	0.053035	1
ENSG0000	mucosal h	Inflamed	AUNIP	protein_cc chr1	26158414	26185903	-	2352	45.95465	0.004773	-0.40123	0.153839	-2.60815	0.010512	0.053035	1
ENSG0000	mucosal h	Inflamed	TACC3	protein_cc chr4	1723227	1746898	+	4682	1551.871	0	-0.36471	0.139845	-2.60794	0.010518	0.053056	1
ENSG0000	mucosal h	Inflamed	ZNF440	protein_cc chr19	11925099	11946016	+	6427	840.6874	0	0.617847	0.236919	2.607842	0.010521	0.053059	1
ENSG0000	mucosal h	Inflamed	DGCR8	protein_cc chr22	20067755	20099400	+	7315	2311.095	0	0.325891	0.124977	2.607604	0.010528	0.053081	1
ENSG0000	mucosal h	Inflamed	MUC20	protein_cc chr3	1.95E+08	1.95E+08	+	8086	3172.301	0	0.652876	0.250379	2.607555	0.010529	0.053081	1
ENSG0000	mucosal h	Inflamed	MAPK13	protein_cc chr6	36095586	36107842	+	2738	5227.874	0	0.315818	0.12112	2.60748	0.010531	0.053081	1
ENSG0000	mucosal h	Inflamed	FASTKD1	protein_cc chr2	1.7E+08	1.7E+08	-	4451	869.6587	0	0.542729	0.208226	2.606438	0.010561	0.053222	1
ENSG0000	mucosal h	Inflamed	AP000525	processed_chr22	16147979	16193004	-	5545	11.06921	0.164678	-0.65836	0.252647	-2.60585	0.010578	0.053297	1
ENSG0000	mucosal h	Inflamed	ZNF446	protein_cc chr19	58985384	58992597	+	4923	523.6993	0	0.228748	0.087792	2.605568	0.010587	0.053328	1
ENSG0000	mucosal h	Inflamed	RAB3C	protein_cc chr5	57878048	58155213	+	9648	65.60143	0.002387	-0.55886	0.214502	-2.60539	0.010592	0.053343	1

ENSG0000	mucosal h	Inflamed	RP11-21A7	antisense	chr11	63803442	63871125	+	883	1.093079	0.725537	0.370213	0.142107	2.605165	0.010598	0.053362	1
ENSG0000	mucosal h	Inflamed	NMB	protein_cc	chr15	85198360	85201794	-	1022	88.13604	0	-0.45726	0.175525	-2.60512	0.010599	0.053362	1
ENSG0000	mucosal h	Inflamed	RP11-498E	antisense	chr16	71963914	71965102	+	1189	31.24582	0.00716	0.448396	0.172145	2.604758	0.01061	0.053405	1
ENSG0000	mucosal h	Inflamed	RP1-89D4	pseudoger	chr11	33258554	33258955	+	402	1.112172	0.727924	-0.33356	0.128081	-2.60431	0.010623	0.05346	1
ENSG0000	mucosal h	Inflamed	PRKD2	protein_cc	chr19	47177532	47220384	-	5446	3518.635	0	-0.27573	0.105882	-2.60412	0.010628	0.053478	1
ENSG0000	mucosal h	Inflamed	POMT1	protein_cc	chr9	1.34E+08	1.34E+08	+	6084	1211.384	0	0.261345	0.100369	2.60383	0.010637	0.053509	1
ENSG0000	mucosal h	Inflamed	RP5-991G	antisense	chr16	72699069	72821143	+	462	19.60859	0.01432	0.413512	0.158817	2.603708	0.01064	0.053509	1
ENSG0000	mucosal h	Inflamed	KCTD13	protein_cc	chr16	29916333	29938356	-	4861	671.7685	0	0.337238	0.129528	2.603586	0.010644	0.053509	1
ENSG0000	mucosal h	Inflamed	TUBA1A	protein_cc	chr12	49578579	49583107	-	3421	2422.561	0	-0.52328	0.200983	-2.60358	0.010644	0.053509	1
ENSG0000	mucosal h	Inflamed	CTB-78O2	pseudoger	chr5	1.45E+08	1.45E+08	-	876	19.41289	0.128878	0.82523	0.316963	2.603556	0.010645	0.053509	1
ENSG0000	mucosal h	Inflamed	ANKRD39	protein_cc	chr2	97502348	97523832	-	5330	194.6086	0	-0.29151	0.111993	-2.60293	0.010663	0.05359	1
ENSG0000	mucosal h	Inflamed	RAG1	protein_cc	chr11	36532259	36614706	+	7815	61.53938	0.009547	0.593446	0.228008	2.602743	0.010668	0.053607	1
ENSG0000	mucosal h	Inflamed	CNTF	protein_cc	chr11	58390146	58393198	+	1886	17.46539	0.045346	0.586399	0.22531	2.602633	0.010672	0.053613	1
ENSG0000	mucosal h	Inflamed	TMEM184	protein_cc	chr7	1581871	1600457	-	7805	3215.21	0	0.644705	0.247729	2.60246	0.010677	0.05362	1
ENSG0000	mucosal h	Inflamed	RN7SL737I	misc_RNA	chr12	93903263	93903544	+	282	15.77566	0.062053	0.591522	0.2273	2.60239	0.010679	0.05362	1
ENSG0000	mucosal h	Inflamed	TAS2R38	protein_cc	chr7	1.42E+08	1.42E+08	-	1143	3.011933	0.529833	0.526926	0.20248	2.602361	0.01068	0.05362	1
ENSG0000	mucosal h	Inflamed	KIF9-AS1	antisense	chr3	47205987	47288091	+	4898	49.34129	0.004773	0.317025	0.121825	2.602303	0.010681	0.05362	1
ENSG0000	mucosal h	Inflamed	MBTD1	protein_cc	chr17	49254786	49337524	-	7201	654.1217	0	0.546337	0.209992	2.601699	0.010699	0.053698	1
ENSG0000	mucosal h	Inflamed	ADAMTS1	protein_cc	chr5	1.29E+08	1.29E+08	+	5408	10.31265	0.155131	0.692599	0.266238	2.60143	0.010707	0.053727	1
ENSG0000	mucosal h	Inflamed	MAPK12	protein_cc	chr22	50683879	50700254	-	9421	304.5919	0	-0.43349	0.166653	-2.60115	0.010715	0.053758	1
ENSG0000	mucosal h	Inflamed	MAPK9	protein_cc	chr5	1.8E+08	1.8E+08	-	8955	1575.678	0	0.343029	0.131899	2.600686	0.010728	0.053816	1
ENSG0000	mucosal h	Inflamed	IDH1	protein_cc	chr2	2.09E+08	2.09E+08	-	4721	4530.905	0	0.444241	0.170823	2.600599	0.010731	0.053818	1
ENSG0000	mucosal h	Inflamed	APOBEC3C	protein_cc	chr22	39410368	39429281	+	2545	394.9618	0	-0.42304	0.162684	-2.60041	0.010737	0.053828	1
ENSG0000	mucosal h	Inflamed	RP11-50E1	antisense	chr10	52384711	52401211	+	12420	159.6778	0	0.456997	0.175741	2.600396	0.010737	0.053828	1
ENSG0000	mucosal h	Inflamed	RP11-187C	lincRNA	chr14	76961706	77193055	-	632	3.190931	0.369928	-0.45756	0.175975	-2.60014	0.010744	0.053853	1
ENSG0000	mucosal h	Inflamed	CCDC171	protein_cc	chr9	15552895	16061661	+	15223	64.02148	0.002387	0.552402	0.212456	2.600082	0.010746	0.053853	1
ENSG0000	mucosal h	Inflamed	PTGS2	protein_cc	chr1	1.87E+08	1.87E+08	-	5269	1251.661	0.002387	-1.20369	0.463024	-2.59963	0.010759	0.053902	1
ENSG0000	mucosal h	Inflamed	SFXN5	protein_cc	chr2	73169165	73302747	-	11087	1067.697	0	0.252532	0.097144	2.599557	0.010761	0.053902	1
ENSG0000	mucosal h	Inflamed	MAP3K8	protein_cc	chr10	30722866	30750762	+	3601	612.2864	0	-0.56559	0.217575	-2.59954	0.010762	0.053902	1
ENSG0000	mucosal h	Inflamed	LDHAL6FP	pseudoger	chr6	1.58E+08	1.58E+08	-	1082	2.455847	0.451074	0.46101	0.177389	2.598864	0.010782	0.053991	1
ENSG0000	mucosal h	Inflamed	DCHS2	protein_cc	chr4	1.55E+08	1.55E+08	-	14564	36.83294	0.050119	0.912855	0.3513	2.598507	0.010792	0.054033	1
ENSG0000	mucosal h	Inflamed	RP11-83A2	antisense	chr4	1.4E+08	1.4E+08	-	7954	91.179	0	0.511396	0.196815	2.598361	0.010797	0.054044	1
ENSG0000	mucosal h	Inflamed	SLC17A9	protein_cc	chr20	61584052	61599949	+	4480	2319.146	0	-0.53082	0.204324	-2.59795	0.010809	0.054095	1
ENSG0000	mucosal h	Inflamed	LDHD	protein_cc	chr16	75145758	75150669	-	2359	2206.461	0	0.683191	0.263017	2.597511	0.010822	0.054149	1
ENSG0000	mucosal h	Inflamed	STXBP5L	protein_cc	chr3	1.21E+08	1.21E+08	+	11085	4.422434	0.298329	0.611038	0.23527	2.597173	0.010832	0.054189	1
ENSG0000	mucosal h	Inflamed	CD83	protein_cc	chr6	14117872	14137149	+	2471	612.5322	0	-0.67251	0.258949	-2.59708	0.010834	0.054192	1
ENSG0000	mucosal h	Inflamed	RP11-497E	lincRNA	chr5	69745463	69746180	+	718	3.618138	0.391408	0.472715	0.182075	2.596268	0.010858	0.054296	1
ENSG0000	mucosal h	Inflamed	H2AFV	protein_cc	chr7	44866390	44887682	-	4749	3318.263	0	0.220111	0.084781	2.596234	0.010859	0.054296	1
ENSG0000	mucosal h	Inflamed	PRSS1	protein_cc	chr7	1.42E+08	1.42E+08	+	1872	153.1098	0.167064	-1.50945	0.58143	-2.59609	0.010863	0.054302	1
ENSG0000	mucosal h	Inflamed	TMEM107	protein_cc	chr17	8076555	8079717	-	3163	226.2148	0	-0.26214	0.10098	-2.59601	0.010866	0.054302	1

ENSG0000	mucosal h	Inflamed	ZNF649	protein_cc	chr19	52392477	52408293	-	4365	169.5227	0.004773	0.436834	0.168275	2.595958	0.010867	0.054302	1
ENSG0000	mucosal h	Inflamed	BOC	protein_cc	chr3	1.13E+08	1.13E+08	+	10327	723.5394	0	-0.57478	0.221422	-2.59587	0.01087	0.054302	1
ENSG0000	mucosal h	Inflamed	CTD-2288F	antisense	chr16	18938185	18948365	+	463	15.75895	0.004773	0.40693	0.156762	2.595843	0.010871	0.054302	1
ENSG0000	mucosal h	Inflamed	TMC6	protein_cc	chr17	76106539	76128488	-	8669	4255.186	0	-0.33432	0.128802	-2.59562	0.010878	0.054325	1
ENSG0000	mucosal h	Inflamed	TMEM198	protein_cc	chr2	2.2E+08	2.2E+08	+	2578	137.8998	0	-0.41108	0.158379	-2.59555	0.010879	0.054325	1
ENSG0000	mucosal h	Inflamed	RP11-158k	antisense	chr8	1.26E+08	1.26E+08	+	2355	63.60621	0.016706	0.60829	0.234407	2.595018	0.010895	0.054393	1
ENSG0000	mucosal h	Inflamed	TK1	protein_cc	chr17	76170160	76183314	-	1857	1604.413	0	-0.33265	0.128192	-2.59492	0.010898	0.054397	1
ENSG0000	mucosal h	Inflamed	CD8A	protein_cc	chr2	87011729	87035519	-	3638	664.6229	0	-0.45539	0.175498	-2.59484	0.010901	0.054399	1
ENSG0000	mucosal h	Inflamed	KB-1507C5	lincRNA	chr8	1.04E+08	1.04E+08	+	563	18.70644	0.105012	-0.87228	0.336171	-2.59475	0.010903	0.054402	1
ENSG0000	mucosal h	Inflamed	SLC26A3	protein_cc	chr7	1.07E+08	1.07E+08	-	3382	43314.43	0	1.474544	0.56832	2.594569	0.010909	0.054418	1
ENSG0000	mucosal h	Inflamed	DOK1	protein_cc	chr2	74776153	74784681	+	3049	851.4988	0	-0.25519	0.098361	-2.59444	0.010912	0.054427	1
ENSG0000	mucosal h	Inflamed	AC007879	lincRNA	chr2	2.08E+08	2.08E+08	+	1204	1.460621	0.651551	-0.45125	0.173954	-2.59406	0.010924	0.054473	1
ENSG0000	mucosal h	Inflamed	PAQR4	protein_cc	chr16	3019246	3023490	+	2972	1163.893	0	-0.27484	0.105955	-2.59396	0.010927	0.054478	1
ENSG0000	mucosal h	Inflamed	FAM149A	protein_cc	chr4	1.87E+08	1.87E+08	+	5218	336.6229	0	0.357784	0.137984	2.592936	0.010957	0.054619	1
ENSG0000	mucosal h	Inflamed	STOX1	protein_cc	chr10	70587298	70655188	+	3568	71.10263	0.00716	0.565501	0.218108	2.592761	0.010962	0.054629	1
ENSG0000	mucosal h	Inflamed	SORCS3	protein_cc	chr10	1.06E+08	1.07E+08	+	6182	5.642005	0.260143	0.692207	0.266983	2.592698	0.010964	0.054629	1
ENSG0000	mucosal h	Inflamed	RHOJ	protein_cc	chr14	63670832	63759937	+	3793	422.8568	0	-0.56937	0.219613	-2.5926	0.010967	0.054629	1
ENSG0000	mucosal h	Inflamed	RP4-704D2	lincRNA	chr1	1.46E+08	1.46E+08	-	884	6.484487	0.178998	0.560912	0.216352	2.592593	0.010967	0.054629	1
ENSG0000	mucosal h	Inflamed	GPR182	protein_cc	chr12	57388230	57390468	+	1694	4.24105	0.381862	-0.597	0.230284	-2.59247	0.010971	0.054636	1
ENSG0000	mucosal h	Inflamed	PBX1	protein_cc	chr1	1.65E+08	1.65E+08	+	21771	2068.535	0	0.456916	0.176258	2.592313	0.010976	0.05465	1
ENSG0000	mucosal h	Inflamed	NAT2	protein_cc	chr8	18248755	18258728	+	1322	328.0286	0.00716	0.766819	0.295833	2.592069	0.010983	0.054675	1
ENSG0000	mucosal h	Inflamed	RP11-563M	sense_intr	chr10	50086067	50086694	+	273	1.221957	0.718377	-0.35383	0.136518	-2.59182	0.01099	0.054693	1
ENSG0000	mucosal h	Inflamed	TRAF3IP2	protein_cc	chr6	1.12E+08	1.12E+08	-	6553	2259.914	0	0.230864	0.089076	2.591752	0.010992	0.054693	1
ENSG0000	mucosal h	Inflamed	PSEN2	protein_cc	chr1	2.27E+08	2.27E+08	+	3757	836.9523	0	-0.20649	0.079672	-2.59174	0.010993	0.054693	1
ENSG0000	mucosal h	Inflamed	RBM8A	protein_cc	chr1	1.46E+08	1.46E+08	+	5240	2416.337	0	0.281252	0.108537	2.591306	0.011006	0.054748	1
ENSG0000	mucosal h	Inflamed	CHRNE	protein_cc	chr17	4801069	4806369	-	2641	51.42005	0	-0.51043	0.197012	-2.59084	0.01102	0.054807	1
ENSG0000	mucosal h	Inflamed	ZFYVE19	protein_cc	chr15	41099284	41106767	+	4264	972.0931	0	0.191447	0.073899	2.590664	0.011025	0.054822	1
ENSG0000	mucosal h	Inflamed	FAIM2	protein_cc	chr12	50260679	50298000	-	6057	305.8807	0.004773	-0.70775	0.27322	-2.59041	0.011033	0.05485	1
ENSG0000	mucosal h	Inflamed	AC069363	antisense	chr17	34400226	34417480	+	1706	12.66348	0.119332	-0.66762	0.257741	-2.59026	0.011037	0.054856	1
ENSG0000	mucosal h	Inflamed	NT5E	protein_cc	chr6	86159809	86205500	+	4017	1757.389	0	0.482828	0.186404	2.590227	0.011038	0.054856	1
ENSG0000	mucosal h	Inflamed	FAM171A2	protein_cc	chr17	42430583	42441243	-	3592	40.37709	0.011933	-0.6317	0.243893	-2.59008	0.011042	0.054858	1
ENSG0000	mucosal h	Inflamed	OSBPL7	protein_cc	chr17	45884738	45899200	-	6572	2364.587	0	0.438028	0.169118	2.590077	0.011043	0.054858	1
ENSG0000	mucosal h	Inflamed	IGLV7-35	IG_V_pseu	chr22	22804540	22804990	+	340	3.949881	0.539379	-0.65	0.250969	-2.58998	0.011045	0.054862	1
ENSG0000	mucosal h	Inflamed	PWWP2A	protein_cc	chr5	1.59E+08	1.6E+08	-	6507	1002.334	0	0.441506	0.170483	2.589736	0.011053	0.054888	1
ENSG0000	mucosal h	Inflamed	TLX1	protein_cc	chr10	1.03E+08	1.03E+08	+	4425	20.70167	0.105012	0.815242	0.314869	2.589151	0.01107	0.054965	1
ENSG0000	mucosal h	Inflamed	MPZL3	protein_cc	chr11	1.18E+08	1.18E+08	-	3964	577.8568	0	0.522513	0.201826	2.588927	0.011077	0.054981	1
ENSG0000	mucosal h	Inflamed	P2RX4	protein_cc	chr12	1.22E+08	1.22E+08	+	8159	2637.043	0	0.302043	0.116668	2.588904	0.011078	0.054981	1
ENSG0000	mucosal h	Inflamed	RP11-64K1	sense_ove	chr15	40666599	40668192	+	1594	34.84487	0.073986	0.820512	0.316962	2.588675	0.011085	0.055005	1
ENSG0000	mucosal h	Inflamed	RP11-685E	pseudoger	chr8	18240784	18241427	-	644	2.761337	0.439141	0.455321	0.175898	2.588547	0.011089	0.055014	1
ENSG0000	mucosal h	Inflamed	PDXDC2P	pseudoger	chr16	70044654	70099848	-	2707	11.33174	0.026253	0.486125	0.187807	2.58843	0.011092	0.055021	1

ENSG0000	mucosal h	Inflamed	YBX1	protein_cc	chr1	43148098	43168020	+	1930	17979.95	0	0.197185	0.076182	2.588343	0.011095	0.055021	1
ENSG0000	mucosal h	Inflamed	CTD-3185F	antisense	chr15	66780996	66781427	-	432	1.539379	0.587112	0.363657	0.140503	2.588254	0.011097	0.055021	1
ENSG0000	mucosal h	Inflamed	MICAL2	protein_cc	chr11	12115543	12285334	+	15819	13244.55	0	0.41041	0.158569	2.588219	0.011098	0.055021	1
ENSG0000	mucosal h	Inflamed	ABCC9	protein_cc	chr12	21950335	22094336	-	11421	113.7613	0.016706	-0.80994	0.312961	-2.588	0.011105	0.055044	1
ENSG0000	mucosal h	Inflamed	TMPPE	protein_cc	chr3	33131913	33138293	-	3966	166.3103	0.00716	0.330781	0.127824	2.587792	0.011111	0.055059	1
ENSG0000	mucosal h	Inflamed	RP11-288F	lincRNA	chr6	1.61E+08	1.61E+08	+	3131	181.2792	0	0.338456	0.130792	2.587738	0.011113	0.055059	1
ENSG0000	mucosal h	Inflamed	RP11-30K9	lincRNA	chr15	59060271	59063173	-	1396	13.7136	0.004773	0.377746	0.145982	2.587618	0.011117	0.055059	1
ENSG0000	mucosal h	Inflamed	SH3GL1P1	pseudoger	chr17	30366993	30369847	+	2855	55.82816	0.031026	0.772206	0.298424	2.587615	0.011117	0.055059	1
ENSG0000	mucosal h	Inflamed	AC093323	lincRNA	chr4	6675178	6677774	+	2311	376.3699	0	0.288572	0.111539	2.587177	0.01113	0.055115	1
ENSG0000	mucosal h	Inflamed	MARK4	protein_cc	chr19	45582546	45808541	+	6668	878.9141	0	-0.33328	0.128825	-2.58704	0.011134	0.055124	1
ENSG0000	mucosal h	Inflamed	SORL1	protein_cc	chr11	1.21E+08	1.22E+08	+	19449	7536.088	0	0.490959	0.189804	2.586667	0.011145	0.05517	1
ENSG0000	mucosal h	Inflamed	RP11-298C	lincRNA	chr3	1.68E+08	1.68E+08	+	3198	2.735084	0.453461	-0.56261	0.21751	-2.58658	0.011148	0.055173	1
ENSG0000	mucosal h	Inflamed	RP5-1039k	antisense	chr22	38346972	38347785	+	814	4.665871	0.159905	0.401425	0.155204	2.586434	0.011152	0.055184	1
ENSG0000	mucosal h	Inflamed	DRP2	protein_cc	chrX	1E+08	1.01E+08	+	8187	51.2864	0.02864	0.626012	0.242043	2.586366	0.011154	0.055184	1
ENSG0000	mucosal h	Inflamed	CHST6	protein_cc	chr16	75510949	75529282	-	3470	139.0979	0.011933	0.578044	0.223529	2.585987	0.011166	0.055231	1
ENSG0000	mucosal h	Inflamed	RP11-22L1	lincRNA	chr1	3223200	3226660	-	3461	30	0.026253	0.628029	0.242877	2.585798	0.011172	0.055249	1
ENSG0000	mucosal h	Inflamed	CAPN5	protein_cc	chr11	76777979	76837201	+	6166	16599.91	0	0.528423	0.204379	2.585508	0.01118	0.055282	1
ENSG0000	mucosal h	Inflamed	RABL5	protein_cc	chr7	1.01E+08	1.01E+08	-	3736	238.2434	0	-0.33412	0.129234	-2.5854	0.011184	0.055287	1
ENSG0000	mucosal h	Inflamed	SLC9A7	protein_cc	chrX	46464753	46618490	-	3838	132.7613	0.004773	-0.52418	0.20277	-2.5851	0.011193	0.055322	1
ENSG0000	mucosal h	Inflamed	SPATA12	protein_cc	chr3	57094469	57109460	+	2413	9.961814	0.121718	-0.48902	0.189223	-2.58436	0.011215	0.055423	1
ENSG0000	mucosal h	Inflamed	DENND6B	protein_cc	chr22	50747459	50765489	-	5935	477.4535	0	-0.2943	0.113883	-2.58423	0.011219	0.055424	1
ENSG0000	mucosal h	Inflamed	AJUBA	protein_cc	chr14	23440383	23451851	-	5979	249.6897	0	-0.51441	0.19906	-2.58421	0.01122	0.055424	1
ENSG0000	mucosal h	Inflamed	RNU6-107	snRNA	chr5	32234872	32234981	-	110	0.830549	0.782816	0.341035	0.131985	2.583901	0.011229	0.055461	1
ENSG0000	mucosal h	Inflamed	RP11-529J	pseudoger	chr15	23675986	23680359	+	736	2.362768	0.446301	-0.44307	0.171514	-2.5833	0.011248	0.055541	1
ENSG0000	mucosal h	Inflamed	PEX7	protein_cc	chr6	1.37E+08	1.37E+08	+	1832	236.3866	0	0.295309	0.114331	2.582935	0.011259	0.055579	1
ENSG0000	mucosal h	Inflamed	BEND3P3	pseudoger	chr10	81444250	81444739	-	490	18.93317	0.059666	0.541104	0.209503	2.582795	0.011263	0.055579	1
ENSG0000	mucosal h	Inflamed	APOBEC4	protein_cc	chr1	1.84E+08	1.84E+08	-	2651	1.735084	0.601432	0.403848	0.156361	2.582793	0.011263	0.055579	1
ENSG0000	mucosal h	Inflamed	TSEN54	protein_cc	chr17	73512141	73520820	+	3440	1006.224	0	0.229256	0.088764	2.582765	0.011264	0.055579	1
ENSG0000	mucosal h	Inflamed	RP1-212P9	antisense	chr1	29196995	29203848	-	1085	2.976134	0.317422	-0.38591	0.149425	-2.58264	0.011268	0.055588	1
ENSG0000	mucosal h	Inflamed	RP11-295F	antisense	chr10	13717646	13717990	+	345	4.085919	0.274463	0.491852	0.190457	2.582485	0.011272	0.055601	1
ENSG0000	mucosal h	Inflamed	RP11-379E	lincRNA	chr3	1.25E+08	1.26E+08	+	373	2.668258	0.505967	0.487791	0.188892	2.582376	0.011276	0.055603	1
ENSG0000	mucosal h	Inflamed	PTPN1	protein_cc	chr20	49126891	49201299	+	3529	3943.305	0	-0.34024	0.131757	-2.58233	0.011277	0.055603	1
ENSG0000	mucosal h	Inflamed	RASGRP3	protein_cc	chr2	33661391	33789817	+	11118	547.7995	0	-0.63415	0.245588	-2.58218	0.011282	0.055616	1
ENSG0000	mucosal h	Inflamed	PTPRK	protein_cc	chr6	1.28E+08	1.29E+08	-	9066	3828.862	0	0.40812	0.158061	2.582049	0.011286	0.055625	1
ENSG0000	mucosal h	Inflamed	CCNG1	protein_cc	chr5	1.63E+08	1.63E+08	+	3096	2103.988	0	0.37936	0.146969	2.581227	0.011311	0.055738	1
ENSG0000	mucosal h	Inflamed	TMEM256	protein_cc	chr17	7293046	7307416	-	3227	86.1599	0.002387	-0.39263	0.152139	-2.58075	0.011325	0.0558	1
ENSG0000	mucosal h	Inflamed	EMC7	protein_cc	chr15	34376218	34394149	-	1538	1217.668	0	-0.23	0.089134	-2.58037	0.011337	0.055842	1
ENSG0000	mucosal h	Inflamed	SOD2	protein_cc	chr6	1.6E+08	1.6E+08	-	18985	18554.67	0	-0.76156	0.29514	-2.58034	0.011338	0.055842	1
ENSG0000	mucosal h	Inflamed	PLXNB1	protein_cc	chr3	48445261	48471594	-	9796	4862.315	0	0.419318	0.162526	2.580012	0.011348	0.05588	1
ENSG0000	mucosal h	Inflamed	LRIG2	protein_cc	chr1	1.14E+08	1.14E+08	+	12456	1051.282	0	0.522284	0.202444	2.579902	0.011352	0.055886	1

ENSG0000	mucosal h	Inflamed	GAN	protein_cc chr16	81348557	81424489	+	15406	745.9928	0	0.59041	0.228865	2.579733	0.011357	0.055902	1
ENSG0000	mucosal h	Inflamed	SYNJ2BP	protein_cc chr14	70838148	70883778	-	2096	635.8759	0	0.367	0.142294	2.579171	0.011374	0.055976	1
ENSG0000	mucosal h	Inflamed	AL353898.	pseudoger chr1	54498816	54500553	-	1737	26.22673	0.042959	0.675536	0.261928	2.579095	0.011376	0.055977	1
ENSG0000	mucosal h	Inflamed	PLXDC1	protein_cc chr17	37219556	37310647	-	9277	761.9308	0	-0.69884	0.270972	-2.57901	0.011379	0.05598	1
ENSG0000	mucosal h	Inflamed	RP1-1500!	lincRNA chr1	23875630	23877406	-	456	8.210024	0.073986	0.462575	0.179379	2.578758	0.011387	0.056008	1
ENSG0000	mucosal h	Inflamed	SUV420H2	protein_cc chr19	55851221	55859488	+	4775	401.8449	0	0.294395	0.114192	2.57807	0.011408	0.056101	1
ENSG0000	mucosal h	Inflamed	GSTA1	protein_cc chr6	52656462	52668708	-	1019	236.358	0.038186	0.931035	0.361162	2.57789	0.011414	0.056118	1
ENSG0000	mucosal h	Inflamed	KLHL14	protein_cc chr18	30252634	30353025	-	4992	35.9284	0.042959	-0.8336	0.323444	-2.57726	0.011433	0.056204	1
ENSG0000	mucosal h	Inflamed	MAVS	protein_cc chr20	3827487	3849280	+	4240	5028.788	0	0.345317	0.133996	2.577066	0.011439	0.056223	1
ENSG0000	mucosal h	Inflamed	ORM1	protein_cc chr9	1.17E+08	1.17E+08	+	1532	7.677804	0.568019	-0.89442	0.347117	-2.5767	0.011451	0.056269	1
ENSG0000	mucosal h	Inflamed	YAP1P1	pseudoger chr6	1.48E+08	1.48E+08	+	1393	5.026253	0.25537	0.566154	0.21973	2.576593	0.011454	0.056274	1
ENSG0000	mucosal h	Inflamed	FHL5	protein_cc chr6	97010424	97064512	+	2135	24.31742	0.023866	-0.58262	0.226158	-2.57617	0.011467	0.056327	1
ENSG0000	mucosal h	Inflamed	CHPF2	protein_cc chr7	1.51E+08	1.51E+08	+	4200	4124.702	0	-0.33162	0.128737	-2.57596	0.011473	0.056348	1
ENSG0000	mucosal h	Inflamed	ABHD11	protein_cc chr7	73150424	73153197	-	2289	1752.198	0	0.347264	0.134827	2.575637	0.011483	0.056387	1
ENSG0000	mucosal h	Inflamed	NCR3	protein_cc chr6	31556672	31560762	-	1212	45.88067	0	-0.58944	0.228868	-2.57547	0.011489	0.056387	1
ENSG0000	mucosal h	Inflamed	CAPN3	protein_cc chr15	42640301	42704516	+	5129	80.00955	0.02148	0.768121	0.298247	2.575454	0.011489	0.056387	1
ENSG0000	mucosal h	Inflamed	LINC00895	processed_chr22	46435787	46440733	-	4947	119.6611	0	0.515352	0.200106	2.575392	0.011491	0.056387	1
ENSG0000	mucosal h	Inflamed	RP11-732A	antisense chr11	6640021	6640995	+	464	0.818616	0.799523	-0.31954	0.124074	-2.57537	0.011492	0.056387	1
ENSG0000	mucosal h	Inflamed	CAMK2D	protein_cc chr4	1.14E+08	1.15E+08	-	7363	2121.699	0	0.531617	0.206436	2.57521	0.011497	0.056392	1
ENSG0000	mucosal h	Inflamed	RP11-308C	processed_chrX	1.36E+08	1.36E+08	+	2926	52.04773	0	0.483977	0.187938	2.575192	0.011497	0.056392	1
ENSG0000	mucosal h	Inflamed	KPNA2	protein_cc chr17	66031635	66042958	+	3140	2209.711	0	-0.38346	0.148916	-2.57498	0.011504	0.056415	1
ENSG0000	mucosal h	Inflamed	AC079630	antisense chr12	40579811	40617605	-	585	2.606205	0.472554	-0.46758	0.181628	-2.57437	0.011523	0.056488	1
ENSG0000	mucosal h	Inflamed	RIMBP2	protein_cc chr12	1.31E+08	1.31E+08	-	8738	129.0263	0.019093	0.715008	0.277742	2.574358	0.011523	0.056488	1
ENSG0000	mucosal h	Inflamed	CTD-2553L	sense_intr chr19	35129027	35131594	-	413	0.804296	0.799523	0.301462	0.117113	2.574115	0.011531	0.056515	1
ENSG0000	mucosal h	Inflamed	CNKSR2	protein_cc chrX	21392536	21672813	+	7160	15.31742	0.076372	-0.69067	0.268345	-2.57381	0.01154	0.056551	1
ENSG0000	mucosal h	Inflamed	HCG21	antisense chr6	30913756	30922639	-	605	1.083532	0.73747	-0.36236	0.140807	-2.57344	0.011552	0.056597	1
ENSG0000	mucosal h	Inflamed	CCDC93	protein_cc chr2	1.19E+08	1.19E+08	-	8065	2069.181	0	0.527235	0.20489	2.573254	0.011558	0.056607	1
ENSG0000	mucosal h	Inflamed	RP11-103C	antisense chr3	1.5E+08	1.5E+08	+	827	15.39618	0.002387	-0.45481	0.176751	-2.57318	0.01156	0.056607	1
ENSG0000	mucosal h	Inflamed	RP11-434F	lincRNA chr2	73977383	73977913	-	531	6.885442	0.155131	0.599381	0.232936	2.573155	0.011561	0.056607	1
ENSG0000	mucosal h	Inflamed	C1QC	protein_cc chr1	22970123	22974603	+	1335	7632.22	0	-0.41818	0.16252	-2.57308	0.011563	0.056607	1
ENSG0000	mucosal h	Inflamed	TNFSF13	protein_cc chr17	7461609	7464925	+	2176	1158.239	0	-0.35503	0.137982	-2.57303	0.011565	0.056607	1
ENSG0000	mucosal h	Inflamed	RP11-44F2	lincRNA chr4	76006912	76009927	-	1033	53.86635	0.011933	0.621718	0.241666	2.572627	0.011577	0.056658	1
ENSG0000	mucosal h	Inflamed	GJC3	protein_cc chr7	99520892	99527243	-	1116	2.286396	0.446301	-0.43716	0.169951	-2.57227	0.011589	0.056703	1
ENSG0000	mucosal h	Inflamed	MRAP	protein_cc chr21	33664124	33687095	+	1346	3.770883	0.429594	-0.56956	0.221449	-2.57198	0.011598	0.056737	1
ENSG0000	mucosal h	Inflamed	KCTD4	protein_cc chr13	45766988	45775175	-	2119	8.587112	0.286396	0.710582	0.276308	2.571701	0.011606	0.056769	1
ENSG0000	mucosal h	Inflamed	MRPL48	protein_cc chr11	73498361	73576178	+	4386	553.0644	0	0.281288	0.109384	2.571567	0.011611	0.056779	1
ENSG0000	mucosal h	Inflamed	RP11-145M	lincRNA chr1	59522315	59553867	+	623	2.057279	0.53222	-0.44761	0.174067	-2.57147	0.011613	0.056782	1
ENSG0000	mucosal h	Inflamed	RP11-448C	sense_ove chr4	10069713	10074643	-	3510	187	0.00716	0.829514	0.322603	2.571317	0.011618	0.056796	1
ENSG0000	mucosal h	Inflamed	LGR5	protein_cc chr12	71833550	71980090	+	5251	346.6277	0.009547	1.086111	0.422424	2.571139	0.011624	0.056804	1
ENSG0000	mucosal h	Inflamed	MGAT5	protein_cc chr2	1.35E+08	1.35E+08	+	8578	5494.105	0	0.404672	0.157391	2.571124	0.011624	0.056804	1

ENSG0000	mucosal h	Inflamed	MOGAT2	protein_cc	chr11	75428864	75444003	+	4010	4104.37	0	0.974064	0.378937	2.570518	0.011644	0.056881	1
ENSG0000	mucosal h	Inflamed	KIAA1191	protein_cc	chr5	1.76E+08	1.76E+08	-	3973	3510.146	0	0.212685	0.082743	2.570426	0.011646	0.056881	1
ENSG0000	mucosal h	Inflamed	RP11-420C	lincRNA	chr6	2854896	2881641	-	1455	64.5895	0.002387	-0.55622	0.216393	-2.57042	0.011647	0.056881	1
ENSG0000	mucosal h	Inflamed	TMEM254	protein_cc	chr10	81838402	81852313	+	2996	1028.912	0	0.354872	0.138076	2.570115	0.011656	0.056917	1
ENSG0000	mucosal h	Inflamed	AC012456	antisense	chr2	11881123	11885427	-	561	1.420048	0.630072	-0.36399	0.141647	-2.56968	0.01167	0.056973	1
ENSG0000	mucosal h	Inflamed	CC2D1A	protein_cc	chr19	14017014	14041692	+	5039	4299.406	0	0.361509	0.140703	2.56931	0.011682	0.057015	1
ENSG0000	mucosal h	Inflamed	C5orf30	protein_cc	chr5	1.03E+08	1.03E+08	+	3568	1434.663	0	0.634047	0.246781	2.56927	0.011683	0.057015	1
ENSG0000	mucosal h	Inflamed	AC093323	protein_cc	chr4	6693782	6694189	-	408	1.699284	0.544153	0.375197	0.146052	2.568935	0.011693	0.057057	1
ENSG0000	mucosal h	Inflamed	IQCA1	protein_cc	chr2	2.37E+08	2.37E+08	-	5970	21.30788	0.042959	-0.63355	0.246645	-2.56865	0.011702	0.057088	1
ENSG0000	mucosal h	Inflamed	THPO	protein_cc	chr3	1.84E+08	1.84E+08	-	1915	13.23628	0.0358	-0.54966	0.213997	-2.56853	0.011706	0.057088	1
ENSG0000	mucosal h	Inflamed	NAPSB	pseudoger	chr19	50837053	50848024	-	1915	504.9714	0	-0.63808	0.248428	-2.56849	0.011708	0.057088	1
ENSG0000	mucosal h	Inflamed	UBE2J1	protein_cc	chr6	90036344	90062567	-	4290	5689.551	0	-0.39741	0.154727	-2.56845	0.011709	0.057088	1
ENSG0000	mucosal h	Inflamed	TMEM251	protein_cc	chr14	93651296	93653434	+	1365	354.0692	0	0.312193	0.121566	2.568103	0.01172	0.057132	1
ENSG0000	mucosal h	Inflamed	SIRT6	protein_cc	chr19	4174106	4182601	-	2787	2351.597	0	0.356622	0.138873	2.567983	0.011724	0.05714	1
ENSG0000	mucosal h	Inflamed	KBTBD12	protein_cc	chr3	1.28E+08	1.28E+08	+	5818	185.463	0.019093	1.131909	0.440814	2.567771	0.01173	0.057162	1
ENSG0000	mucosal h	Inflamed	AC021860	protein_cc	chr4	38628029	38666430	-	1896	11.38663	0.167064	0.673505	0.262324	2.56745	0.01174	0.057201	1
ENSG0000	mucosal h	Inflamed	IRF6	protein_cc	chr1	2.1E+08	2.1E+08	-	4792	4016.432	0	0.670245	0.261065	2.56735	0.011744	0.057206	1
ENSG0000	mucosal h	Inflamed	TMEM164	protein_cc	chrX	1.09E+08	1.09E+08	+	6583	6632.444	0	0.389114	0.151567	2.567272	0.011746	0.057207	1
ENSG0000	mucosal h	Inflamed	HPCAL1	protein_cc	chr2	10443015	10567743	+	5675	3319.831	0	0.24942	0.097156	2.567203	0.011748	0.057207	1
ENSG0000	mucosal h	Inflamed	SNORA22	snoRNA	chr7	65220513	65220646	+	134	2.875895	0.329356	0.397273	0.154768	2.566888	0.011758	0.057245	1
ENSG0000	mucosal h	Inflamed	C9orf172	protein_cc	chr9	1.4E+08	1.4E+08	+	2931	118.42	0.016706	0.524812	0.204479	2.566577	0.011768	0.057276	1
ENSG0000	mucosal h	Inflamed	CCDC47	protein_cc	chr17	61822610	61853711	-	4537	3522.644	0	0.441829	0.172154	2.56648	0.011771	0.057276	1
ENSG0000	mucosal h	Inflamed	CTB-1290	antisense	chr5	1.8E+08	1.8E+08	+	393	22.69212	0.00716	0.494534	0.192692	2.566451	0.011772	0.057276	1
ENSG0000	mucosal h	Inflamed	PVRL1	protein_cc	chr11	1.19E+08	1.2E+08	-	7701	3648.093	0	0.471197	0.183601	2.566418	0.011773	0.057276	1
ENSG0000	mucosal h	Inflamed	BMPR1A	protein_cc	chr10	88516407	88692595	+	11360	811.6301	0	0.471214	0.183692	2.565233	0.011811	0.057421	1
ENSG0000	mucosal h	Inflamed	RP11-3791	antisense	chr7	35734824	35739023	+	4200	253.1671	0	0.446245	0.173961	2.565206	0.011812	0.057421	1
ENSG0000	mucosal h	Inflamed	SH3RF1	protein_cc	chr4	1.7E+08	1.7E+08	-	5624	2323.993	0	0.491244	0.191507	2.565147	0.011814	0.057421	1
ENSG0000	mucosal h	Inflamed	SNAI3-AS1	antisense	chr16	88729706	88753594	+	5037	67.82578	0	-0.3755	0.146385	-2.56515	0.011814	0.057421	1
ENSG0000	mucosal h	Inflamed	RSL24D1P	pseudoger	chr6	27748398	27748890	-	493	0.825776	0.775656	0.246344	0.096035	2.565138	0.011814	0.057421	1
ENSG0000	mucosal h	Inflamed	RP11-4181	lincRNA	chr16	9560512	9611421	+	796	1.047733	0.75895	0.285719	0.11139	2.565038	0.011817	0.057422	1
ENSG0000	mucosal h	Inflamed	PANK3	protein_cc	chr5	1.68E+08	1.68E+08	-	10580	3034.609	0	0.601064	0.234334	2.564991	0.011819	0.057422	1
ENSG0000	mucosal h	Inflamed	OR2S1P	pseudoger	chr9	36013181	36014130	+	950	15.86396	0.100239	0.61257	0.238885	2.56429	0.011841	0.05752	1
ENSG0000	mucosal h	Inflamed	ZHX2	protein_cc	chr8	1.24E+08	1.24E+08	+	4714	1349.826	0	-0.40239	0.156945	-2.56391	0.011853	0.057566	1
ENSG0000	mucosal h	Inflamed	RP11-1111	lincRNA	chr11	76152382	76155700	-	754	93.18616	0	0.332727	0.129779	2.563803	0.011857	0.057566	1
ENSG0000	mucosal h	Inflamed	ZNF702P	pseudoger	chr19	53471504	53541151	-	4769	125.21	0	0.527399	0.205712	2.563775	0.011857	0.057566	1
ENSG0000	mucosal h	Inflamed	TSC22D3	protein_cc	chrX	1.07E+08	1.07E+08	-	4766	2179.177	0	-0.59761	0.233104	-2.56372	0.011859	0.057566	1
ENSG0000	mucosal h	Inflamed	RP11-8047	antisense	chr11	60603469	60610438	-	501	0.968974	0.782816	-0.30732	0.119879	-2.56362	0.011862	0.057571	1
ENSG0000	mucosal h	Inflamed	PHTF1	protein_cc	chr1	1.14E+08	1.14E+08	-	7170	453.0048	0	-0.4533	0.176836	-2.56338	0.01187	0.057592	1
ENSG0000	mucosal h	Inflamed	ARHGAP23	protein_cc	chr17	36584662	36668628	+	8014	1278.532	0	-0.6887	0.268671	-2.56335	0.011871	0.057592	1
ENSG0000	mucosal h	Inflamed	C11orf53	protein_cc	chr11	1.11E+08	1.11E+08	+	1205	77.15274	0.004773	0.56461	0.220273	2.563227	0.011875	0.0576	1

ENSG0000	mucosal h	Inflamed	ABCC3	protein_cc	chr17	48712138	48769613	+	9614	13404.61	0	0.454652	0.177397	2.562902	0.011885	0.05764	1
ENSG0000	mucosal h	Inflamed	POLE	protein_cc	chr12	1.33E+08	1.33E+08	-	16605	2708.928	0	0.380048	0.148292	2.562837	0.011888	0.05764	1
ENSG0000	mucosal h	Inflamed	SDC1	protein_cc	chr2	20400558	20425194	-	3595	16358.19	0	-0.35618	0.138995	-2.56255	0.011897	0.057672	1
ENSG0000	mucosal h	Inflamed	KCNIP4	protein_cc	chr4	20730239	21950422	-	4112	16.5537	0.112172	0.839388	0.327572	2.562451	0.0119	0.057672	1
ENSG0000	mucosal h	Inflamed	HNF4A	protein_cc	chr20	42984340	43061485	+	5560	13506.55	0	0.764753	0.298455	2.562372	0.011902	0.057672	1
ENSG0000	mucosal h	Inflamed	CAPN14	protein_cc	chr2	31395924	31456724	-	4021	19.59666	0.102625	-0.75259	0.29371	-2.56235	0.011903	0.057672	1
ENSG0000	mucosal h	Inflamed	ZNF502	protein_cc	chr3	44754135	44765323	+	3273	105.3317	0.002387	0.632559	0.246895	2.56206	0.011912	0.057701	1
ENSG0000	mucosal h	Inflamed	CCDC78	protein_cc	chr16	772582	776954	-	4147	32.05251	0.023866	-0.64044	0.249974	-2.56203	0.011913	0.057701	1
ENSG0000	mucosal h	Inflamed	KCNE4	protein_cc	chr2	2.24E+08	2.24E+08	+	4124	142.0024	0.002387	-0.53456	0.208653	-2.56195	0.011916	0.057703	1
ENSG0000	mucosal h	Inflamed	RP11-342E	antisense	chr10	33500205	33502732	+	781	2.315036	0.484487	-0.46426	0.181257	-2.56134	0.011936	0.057788	1
ENSG0000	mucosal h	Inflamed	KRT16P2	pseudoger	chr17	16733313	16736147	-	1805	3.221957	0.711217	-0.64374	0.251359	-2.56105	0.011945	0.057813	1
ENSG0000	mucosal h	Inflamed	RP11-554A	sense_ove	chr11	68768233	68769516	-	1284	55.83055	0.00716	-0.78872	0.307975	-2.56097	0.011947	0.057813	1
ENSG0000	mucosal h	Inflamed	TRBV5-5	TR_V_gene	chr7	1.42E+08	1.42E+08	-	350	5.902148	0.181384	-0.52202	0.20384	-2.56093	0.011949	0.057813	1
ENSG0000	mucosal h	Inflamed	RP11-673E	lincRNA	chr4	1.45E+08	1.45E+08	+	1921	1.570406	0.644391	0.373927	0.146013	2.560906	0.01195	0.057813	1
ENSG0000	mucosal h	Inflamed	ELMO3	protein_cc	chr16	67233014	67237932	+	2575	2091.129	0	0.416359	0.162614	2.56041	0.011966	0.057879	1
ENSG0000	mucosal h	Inflamed	CTD-3105	antisense	chr19	12561749	12571519	+	695	1.983294	0.565632	0.441552	0.172471	2.560157	0.011974	0.057898	1
ENSG0000	mucosal h	Inflamed	RPS15AP1	pseudoger	chr1	46111488	46111869	-	382	8.799523	0.145585	0.613459	0.239618	2.560154	0.011974	0.057898	1
ENSG0000	mucosal h	Inflamed	CTD-2528	lincRNA	chr19	38219487	38221544	-	1360	44.11695	0.023866	0.678974	0.265217	2.560069	0.011977	0.057901	1
ENSG0000	mucosal h	Inflamed	RP11-963	lincRNA	chr17	10752858	10784212	+	774	9.892601	0.102625	0.543133	0.212163	2.559982	0.011979	0.057904	1
ENSG0000	mucosal h	Inflamed	AC027228	protein_cc	chr15	78830023	78831288	+	1266	1.806683	0.553699	0.373474	0.145921	2.559419	0.011998	0.057968	1
ENSG0000	mucosal h	Inflamed	LRRC19	protein_cc	chr9	26993134	27005691	-	3609	1371.594	0.004773	0.995699	0.389039	2.55938	0.011999	0.057968	1
ENSG0000	mucosal h	Inflamed	LY6G5B	protein_cc	chr6	31637944	31641553	+	3031	155.9379	0.023866	0.727972	0.284435	2.559362	0.011999	0.057968	1
ENSG0000	mucosal h	Inflamed	RP11-187E	protein_cc	chr14	32414059	32419588	+	550	19.58473	0.023866	0.508505	0.198704	2.559105	0.012008	0.057998	1
ENSG0000	mucosal h	Inflamed	C5orf52	protein_cc	chr5	1.57E+08	1.57E+08	+	686	47.47494	0.011933	0.479385	0.18733	2.559034	0.01201	0.057998	1
ENSG0000	mucosal h	Inflamed	AP001063	lincRNA	chr21	45767650	45768178	-	529	1.238663	0.711217	-0.4169	0.162937	-2.55862	0.012023	0.058046	1
ENSG0000	mucosal h	Inflamed	GGN	protein_cc	chr19	38874905	38878722	-	2447	20.86635	0.033413	-0.61759	0.241378	-2.55859	0.012024	0.058046	1
ENSG0000	mucosal h	Inflamed	RP11-202C	lincRNA	chr9	1.14E+08	1.14E+08	-	744	2.699284	0.455847	-0.49177	0.192263	-2.55778	0.012051	0.058163	1
ENSG0000	mucosal h	Inflamed	CTA-228A	lincRNA	chr22	38486134	38487566	+	1433	24.54893	0.052506	0.593029	0.231881	2.557477	0.01206	0.058199	1
ENSG0000	mucosal h	Inflamed	MLEC	protein_cc	chr12	1.21E+08	1.21E+08	+	6723	31980.8	0	0.327354	0.128014	2.557171	0.01207	0.058237	1
ENSG0000	mucosal h	Inflamed	DYNLL2	protein_cc	chr17	56160776	56172897	+	6805	5741.415	0	0.281134	0.109948	2.556984	0.012077	0.058255	1
ENSG0000	mucosal h	Inflamed	BDNF	protein_cc	chr11	27676440	27743605	-	7740	35.54654	0.033413	-0.74751	0.292384	-2.5566	0.012089	0.058298	1
ENSG0000	mucosal h	Inflamed	RP11-482M	lincRNA	chr16	87526161	87549241	+	1356	7.735084	0.126492	0.512938	0.200639	2.556516	0.012092	0.058298	1
ENSG0000	mucosal h	Inflamed	EGFLAM	protein_cc	chr5	38258511	38465123	+	5724	322.4749	0.002387	-0.73187	0.286278	-2.55651	0.012092	0.058298	1
ENSG0000	mucosal h	Inflamed	KIF13A	protein_cc	chr6	17759414	17987854	-	11016	2238.477	0	0.417004	0.163132	2.556233	0.012101	0.058328	1
ENSG0000	mucosal h	Inflamed	GNRH1	protein_cc	chr8	25276776	25282170	-	1762	84.77566	0.00716	0.777264	0.304072	2.55618	0.012103	0.058328	1
ENSG0000	mucosal h	Inflamed	SBF2-AS1	antisense	chr11	9779839	9832866	+	3977	106.1671	0	0.389771	0.152496	2.555934	0.012111	0.058354	1
ENSG0000	mucosal h	Inflamed	CCNE1	protein_cc	chr19	30302805	30315215	+	2568	241.2411	0	-0.30668	0.119989	-2.55588	0.012112	0.058354	1
ENSG0000	mucosal h	Inflamed	AP006216	antisense	chr11	1.17E+08	1.17E+08	+	563	1.078759	0.778043	-0.28119	0.110051	-2.55511	0.012138	0.058464	1
ENSG0000	mucosal h	Inflamed	AP000692	antisense	chr21	37692090	37692968	-	879	8.97852	0.045346	-0.41698	0.163203	-2.55495	0.012143	0.058467	1
ENSG0000	mucosal h	Inflamed	EVA1A	protein_cc	chr2	75696428	75796848	-	2744	90.8568	0	-0.65533	0.256494	-2.55494	0.012143	0.058467	1

ENSG0000	mucosal h	Inflamed	GAS2L3	protein_cc	chr12	1.01E+08	1.01E+08	+	6698	321.0979	0.002387	0.674645	0.264061	2.554887	0.012145	0.058467	1
ENSG0000	mucosal h	Inflamed	SNORA2	snoRNA	chr6	1.5E+08	1.5E+08	+	135	3.448687	0.245823	0.434293	0.169996	2.554733	0.01215	0.058481	1
ENSG0000	mucosal h	Inflamed	CTD-2235C	lincRNA	chr5	74659585	74660067	+	483	3.093079	0.365155	0.403595	0.158008	2.554269	0.012165	0.058539	1
ENSG0000	mucosal h	Inflamed	ARSB	protein_cc	chr5	78073032	78281910	-	7189	925.5609	0	-0.3208	0.125597	-2.55423	0.012166	0.058539	1
ENSG0000	mucosal h	Inflamed	LLGL2	protein_cc	chr17	73521161	73571289	+	7909	12768.12	0	0.499172	0.195458	2.553853	0.012179	0.058587	1
ENSG0000	mucosal h	Inflamed	ZSCAN23	protein_cc	chr6	28399707	28411279	-	3283	9.429594	0.119332	0.641	0.25101	2.553683	0.012184	0.058603	1
ENSG0000	mucosal h	Inflamed	NFKBIA	protein_cc	chr14	35870717	35873955	-	2373	4742.599	0	-0.43276	0.169493	-2.55328	0.012197	0.058642	1
ENSG0000	mucosal h	Inflamed	AC018766	antisense	chr19	50356144	50358224	-	484	2.77327	0.417661	0.447625	0.175317	2.553236	0.012199	0.058642	1
ENSG0000	mucosal h	Inflamed	CDC42BPA	protein_cc	chr1	2.27E+08	2.28E+08	-	14055	2427.167	0	0.492481	0.192885	2.553235	0.012199	0.058642	1
ENSG0000	mucosal h	Inflamed	RASEF	protein_cc	chr9	85594500	85678092	-	6649	1798.592	0	0.8161	0.319653	2.553085	0.012204	0.058654	1
ENSG0000	mucosal h	Inflamed	PDGFA	protein_cc	chr7	536895	559933	-	4151	1452.513	0	0.385719	0.151095	2.55282	0.012213	0.058678	1
ENSG0000	mucosal h	Inflamed	OR7E12P	pseudoger	chr11	3412010	3412982	-	973	1.560859	0.720764	-0.49123	0.192432	-2.55276	0.012215	0.058678	1
ENSG0000	mucosal h	Inflamed	ARSG	protein_cc	chr17	66255323	66418872	+	6587	171.0406	0	-0.48732	0.190901	-2.55273	0.012215	0.058678	1
ENSG0000	mucosal h	Inflamed	NNT	protein_cc	chr5	43602794	43707507	+	8245	2477.217	0	0.41922	0.164231	2.552621	0.012219	0.058685	1
ENSG0000	mucosal h	Inflamed	GRIA1	protein_cc	chr5	1.53E+08	1.53E+08	+	7636	24.35084	0.057279	0.799777	0.313327	2.552529	0.012222	0.058686	1
ENSG0000	mucosal h	Inflamed	ZFP92	protein_cc	chrX	1.53E+08	1.53E+08	+	1253	14.80191	0.057279	-0.60283	0.236174	-2.55248	0.012224	0.058686	1
ENSG0000	mucosal h	Inflamed	RP11-129J	lincRNA	chr10	1.01E+08	1.01E+08	+	392	3.76611	0.291169	-0.43448	0.170224	-2.55238	0.012227	0.05869	1
ENSG0000	mucosal h	Inflamed	AL122127.	miRNA	chr14	1.06E+08	1.06E+08	-	67	75.40573	0.042959	-0.8616	0.337576	-2.55231	0.012229	0.058692	1
ENSG0000	mucosal h	Inflamed	RP11-2761	antisense	chr1	16481706	16483824	+	904	52.90215	0.004773	0.515199	0.201875	2.552061	0.012238	0.05872	1
ENSG0000	mucosal h	Inflamed	PPAPDC2	protein_cc	chr9	4662298	4665256	+	2959	750.4988	0	0.379891	0.148865	2.551907	0.012243	0.058733	1
ENSG0000	mucosal h	Inflamed	SOX1	protein_cc	chr13	1.13E+08	1.13E+08	+	4108	1.935561	0.541766	0.414656	0.162527	2.551306	0.012262	0.058818	1
ENSG0000	mucosal h	Inflamed	ITM2C	protein_cc	chr2	2.32E+08	2.32E+08	+	2611	59703.79	0	0.457975	0.179515	2.551187	0.012266	0.058819	1
ENSG0000	mucosal h	Inflamed	MCUR1	protein_cc	chr6	13786789	13814800	-	6057	1474.881	0	0.263027	0.103101	2.551161	0.012267	0.058819	1
ENSG0000	mucosal h	Inflamed	MDK	protein_cc	chr11	46402306	46405375	+	2170	3987.737	0	-0.42419	0.166305	-2.55069	0.012283	0.058882	1
ENSG0000	mucosal h	Inflamed	RPS15AP6	pseudoger	chr1	21330043	21330427	-	385	0.811456	0.792363	0.30638	0.120123	2.550544	0.012288	0.058894	1
ENSG0000	mucosal h	Inflamed	PEBP1	protein_cc	chr12	1.19E+08	1.19E+08	+	1780	6126.933	0	0.265885	0.104249	2.550486	0.012289	0.058894	1
ENSG0000	mucosal h	Inflamed	CDH15	protein_cc	chr16	89238175	89261900	+	4628	9.057279	0.069212	-0.51169	0.20064	-2.55031	0.012295	0.0589	1
ENSG0000	mucosal h	Inflamed	CTD-31051	lincRNA	chr19	12456763	12458752	-	1990	7.789976	0.073986	0.439978	0.172523	2.550263	0.012297	0.0589	1
ENSG0000	mucosal h	Inflamed	RP11-6691	lincRNA	chr4	14166079	14244437	+	649	1.420048	0.670644	-0.42637	0.167193	-2.55019	0.012299	0.0589	1
ENSG0000	mucosal h	Inflamed	PLD5	protein_cc	chr1	2.42E+08	2.43E+08	-	9545	2.288783	0.572792	0.449425	0.176233	2.550173	0.0123	0.0589	1
ENSG0000	mucosal h	Inflamed	CLEC7A	protein_cc	chr12	10269376	10282857	-	4190	497.5012	0	-0.72277	0.28344	-2.55001	0.012305	0.058914	1
ENSG0000	mucosal h	Inflamed	DDC	protein_cc	chr7	50526134	50633154	-	3119	1493.537	0.004773	0.803387	0.31506	2.54995	0.012307	0.058914	1
ENSG0000	mucosal h	Inflamed	AC108142	antisense	chr4	1.83E+08	1.83E+08	-	5551	6.221957	0.415274	-0.74401	0.291801	-2.54972	0.012315	0.05894	1
ENSG0000	mucosal h	Inflamed	AF121897.	pseudoger	chr21	40897510	40901782	+	3980	1.658711	0.577566	0.403524	0.158307	2.548994	0.012339	0.059044	1
ENSG0000	mucosal h	Inflamed	RP5-1142J	lincRNA	chr7	1.57E+08	1.57E+08	-	565	6.973747	0.205251	-0.63165	0.247822	-2.5488	0.012345	0.059065	1
ENSG0000	mucosal h	Inflamed	IL23R	protein_cc	chr1	67632083	67725662	+	2995	36.15274	0.002387	0.555224	0.217853	2.548621	0.012351	0.059081	1
ENSG0000	mucosal h	Inflamed	SLC6A2	protein_cc	chr16	55689516	55740104	+	5463	3.918854	0.431981	0.589111	0.231155	2.548559	0.012353	0.059081	1
ENSG0000	mucosal h	Inflamed	RP11-401F	lincRNA	chr16	50679720	50683160	+	3441	76.57995	0.01432	0.681728	0.267517	2.548354	0.01236	0.05909	1
ENSG0000	mucosal h	Inflamed	LINC00674	pseudoger	chr17	66098049	66111659	+	734	101.6897	0	0.289079	0.113439	2.548321	0.012361	0.05909	1
ENSG0000	mucosal h	Inflamed	SCARNA4	snoRNA	chr1	1.56E+08	1.56E+08	-	129	1.205251	0.658711	0.319778	0.125487	2.5483	0.012362	0.05909	1

ENSG0000	mucosal h	Inflamed	C11orf70	protein_cc	chr11	1.02E+08	1.02E+08	+	2647	9.245823	0.071599	-0.54794	0.215052	-2.54792	0.012374	0.059138	1
ENSG0000	mucosal h	Inflamed	RP5-1103C	antisense	chr20	300957	328868	-	875	99.53938	0	0.39553	0.15524	2.547863	0.012376	0.059138	1
ENSG0000	mucosal h	Inflamed	RP11-346I	lincRNA	chr8	67331824	67341212	-	4366	5.763723	0.171838	0.5058	0.198534	2.547671	0.012383	0.059157	1
ENSG0000	mucosal h	Inflamed	RP11-66B2	lincRNA	chr15	1.01E+08	1.01E+08	+	3907	4.011933	0.26253	0.400992	0.157412	2.547405	0.012392	0.05918	1
ENSG0000	mucosal h	Inflamed	CYP2R1	protein_cc	chr11	14899553	14913798	-	3949	450.5919	0	0.485894	0.190742	2.547387	0.012392	0.05918	1
ENSG0000	mucosal h	Inflamed	ZNF675	protein_cc	chr19	23708433	23870022	-	6785	237.6086	0	0.537023	0.210818	2.547327	0.012394	0.05918	1
ENSG0000	mucosal h	Inflamed	C9orf78	protein_cc	chr9	1.33E+08	1.33E+08	-	5099	1192.936	0	0.279362	0.109677	2.547128	0.012401	0.059201	1
ENSG0000	mucosal h	Inflamed	DEFB1	protein_cc	chr8	6728097	6735544	-	478	132.7924	0.011933	0.776829	0.304995	2.547019	0.012404	0.059207	1
ENSG0000	mucosal h	Inflamed	CTB-118N	lincRNA	chr5	1.16E+08	1.16E+08	+	482	5.663484	0.152745	0.458608	0.180068	2.546858	0.01241	0.059211	1
ENSG0000	mucosal h	Inflamed	LINC00663	lincRNA	chr19	19868175	19887232	-	4334	50.90453	0.00716	0.378094	0.148456	2.546838	0.012411	0.059211	1
ENSG0000	mucosal h	Inflamed	AC139100	protein_cc	chr18	77905807	77936315	+	4589	34.70167	0	0.359762	0.141261	2.546795	0.012412	0.059211	1
ENSG0000	mucosal h	Inflamed	SVOP	protein_cc	chr12	1.09E+08	1.09E+08	-	3968	12.09308	0.073986	0.582021	0.228554	2.546538	0.012421	0.059241	1
ENSG0000	mucosal h	Inflamed	ST7-OT4	protein_cc	chr7	1.17E+08	1.17E+08	+	2664	2.200477	0.463007	0.38057	0.149471	2.546116	0.012435	0.059294	1
ENSG0000	mucosal h	Inflamed	RP11-273E	antisense	chr12	7281675	7283794	-	1179	5.410501	0.21957	-0.53522	0.210216	-2.54607	0.012436	0.059294	1
ENSG0000	mucosal h	Inflamed	CTD-2541I	lincRNA	chr8	6473125	6474719	-	1595	4.011933	0.360382	0.424886	0.166892	2.54587	0.012443	0.059315	1
ENSG0000	mucosal h	Inflamed	WHSC1	protein_cc	chr4	1873151	1983934	+	19776	4687.885	0	0.354347	0.139194	2.545715	0.012448	0.059322	1
ENSG0000	mucosal h	Inflamed	EBF3	protein_cc	chr10	1.32E+08	1.32E+08	-	4623	64.13604	0.059666	-0.95862	0.376569	-2.54568	0.012449	0.059322	1
ENSG0000	mucosal h	Inflamed	CHST4	protein_cc	chr16	71559136	71572649	+	2669	23.27446	0.365155	-1.08465	0.426083	-2.54562	0.012451	0.059322	1
ENSG0000	mucosal h	Inflamed	MSH5-SAP	protein_cc	chr6	31707797	31732628	+	4140	12.43437	0.064439	0.523705	0.20575	2.545352	0.01246	0.059354	1
ENSG0000	mucosal h	Inflamed	CTA-204B2	antisense	chr8	1.42E+08	1.42E+08	-	2231	75.7327	0.023866	0.541151	0.212616	2.545204	0.012465	0.059367	1
ENSG0000	mucosal h	Inflamed	TOE1	protein_cc	chr1	45805342	45809647	+	2742	563.9189	0	0.206503	0.081148	2.544773	0.012479	0.059425	1
ENSG0000	mucosal h	Inflamed	NR1H3	protein_cc	chr11	47269851	47290396	+	4346	1380.709	0	-0.27949	0.109845	-2.54441	0.012492	0.059472	1
ENSG0000	mucosal h	Inflamed	FOXJ3	protein_cc	chr1	42642210	42801548	-	6893	2105.131	0	0.462957	0.181968	2.544172	0.0125	0.0595	1
ENSG0000	mucosal h	Inflamed	SLC35D2	protein_cc	chr9	99082988	99145992	-	2203	2019.315	0	0.321532	0.126402	2.543721	0.012515	0.059561	1
ENSG0000	mucosal h	Inflamed	RAPGEF5	protein_cc	chr7	22157856	22396763	-	10245	1035.067	0	0.593476	0.233331	2.543493	0.012522	0.059585	1
ENSG0000	mucosal h	Inflamed	MUM1	protein_cc	chr19	1285890	1378430	+	10249	2355.652	0	0.270281	0.106266	2.543432	0.012524	0.059585	1
ENSG0000	mucosal h	Inflamed	KRTAP5-A5	antisense	chr11	1592583	1620414	+	2931	140.3795	0.00716	0.639718	0.25153	2.543305	0.012529	0.059595	1
ENSG0000	mucosal h	Inflamed	ACSF3	protein_cc	chr16	89154783	89222254	+	11629	2001.959	0	0.246191	0.09682	2.542775	0.012547	0.059669	1
ENSG0000	mucosal h	Inflamed	CDK10	protein_cc	chr16	89747145	89762772	+	6791	2399.248	0	0.290531	0.114276	2.542371	0.01256	0.059723	1
ENSG0000	mucosal h	Inflamed	ARSJ	protein_cc	chr4	1.15E+08	1.15E+08	-	5024	283.9356	0.002387	0.584909	0.230075	2.542255	0.012564	0.059731	1
ENSG0000	mucosal h	Inflamed	GAS1	protein_cc	chr9	89559279	89562104	-	2826	472.2124	0.011933	-1.39382	0.548321	-2.54197	0.012574	0.059765	1
ENSG0000	mucosal h	Inflamed	RGAG1	protein_cc	chrX	1.1E+08	1.1E+08	+	5529	5.689737	0.212411	0.619008	0.243529	2.541823	0.012579	0.059778	1
ENSG0000	mucosal h	Inflamed	LINC00619	lincRNA	chr10	44340754	44346070	+	1121	1.238663	0.689737	-0.38067	0.149772	-2.54167	0.012584	0.059788	1
ENSG0000	mucosal h	Inflamed	PHF19	protein_cc	chr9	1.24E+08	1.24E+08	-	6547	1321.506	0	-0.31138	0.12251	-2.54163	0.012585	0.059788	1
ENSG0000	mucosal h	Inflamed	AC004893	antisense	chr7	98610788	98645863	+	4194	110.5346	0.002387	0.331533	0.130484	2.540792	0.012613	0.059911	1
ENSG0000	mucosal h	Inflamed	MRPS9	protein_cc	chr2	1.06E+08	1.06E+08	+	1915	692.926	0	0.344354	0.135539	2.540628	0.012619	0.059912	1
ENSG0000	mucosal h	Inflamed	HEXIM2	protein_cc	chr17	43238067	43247407	+	2038	158.6969	0	-0.31685	0.124715	-2.54059	0.01262	0.059912	1
ENSG0000	mucosal h	Inflamed	SCAMP2	protein_cc	chr15	75136071	75165706	-	5000	11233.87	0	0.243196	0.095727	2.540518	0.012623	0.059912	1
ENSG0000	mucosal h	Inflamed	THSD7A	protein_cc	chr7	11409984	11871824	-	10923	96.23628	0.023866	-0.69948	0.275331	-2.54052	0.012623	0.059912	1
ENSG0000	mucosal h	Inflamed	HYPK	protein_cc	chr15	44088340	44095241	+	6393	653.6468	0	0.28878	0.113692	2.540028	0.012639	0.05998	1

ENSG0000	mucosal h	Inflamed	HHAT	protein_cc	chr1	2.11E+08	2.11E+08	+	4296	207.3174	0	0.346103	0.13629	2.539468	0.012658	0.060059	1
ENSG0000	mucosal h	Inflamed	GLOD4	protein_cc	chr17	660337	685581	-	4951	1727.019	0	0.301474	0.118721	2.539353	0.012662	0.060067	1
ENSG0000	mucosal h	Inflamed	TM4SF18	protein_cc	chr3	1.49E+08	1.49E+08	-	4482	149.8902	0.002387	-0.57856	0.22786	-2.53912	0.01267	0.060093	1
ENSG0000	mucosal h	Inflamed	SNAP47	protein_cc	chr1	2.28E+08	2.28E+08	+	6542	823.0764	0	-0.21932	0.086411	-2.53814	0.012703	0.06024	1
ENSG0000	mucosal h	Inflamed	ALPK3	protein_cc	chr15	85359911	85416713	+	10940	448.3628	0.002387	-0.75534	0.297603	-2.53808	0.012706	0.06024	1
ENSG0000	mucosal h	Inflamed	EDN2	protein_cc	chr1	41944446	41950344	-	1639	104.0143	0.038186	0.982545	0.387201	2.537559	0.012723	0.060313	1
ENSG0000	mucosal h	Inflamed	HHEX	protein_cc	chr10	94447945	94455403	+	4772	378.5585	0	-0.52113	0.205402	-2.53712	0.012738	0.060372	1
ENSG0000	mucosal h	Inflamed	HCG4B	pseudoger	chr6	29893760	29894750	-	991	6.157518	0.159905	0.4994	0.196842	2.537057	0.01274	0.060372	1
ENSG0000	mucosal h	Inflamed	RP5-887A1	lincRNA	chr1	81001440	81112473	+	709	21.14797	0.066826	-0.6877	0.271079	-2.53691	0.012745	0.060385	1
ENSG0000	mucosal h	Inflamed	IMPDH1P1	pseudoger	chr2	2.02E+08	2.02E+08	-	1542	11.68258	0.264916	0.772781	0.304651	2.536614	0.012755	0.060414	1
ENSG0000	mucosal h	Inflamed	RP1-161P5	sense_intr	chr17	34084218	34085344	-	480	6.267303	0.190931	0.595739	0.234859	2.53658	0.012757	0.060414	1
ENSG0000	mucosal h	Inflamed	LTBP2	protein_cc	chr14	74964873	75079306	-	9310	2225.384	0	-0.8115	0.31994	-2.53643	0.012762	0.060414	1
ENSG0000	mucosal h	Inflamed	AP001471	antisense	chr21	47513178	47517444	-	672	3.825776	0.291169	-0.49349	0.194564	-2.53641	0.012762	0.060414	1
ENSG0000	mucosal h	Inflamed	C7orf31	protein_cc	chr7	25174316	25219975	-	3837	397.0072	0	0.374154	0.147514	2.536393	0.012763	0.060414	1
ENSG0000	mucosal h	Inflamed	ENTPD8	protein_cc	chr9	1.4E+08	1.4E+08	-	2836	3463.232	0	0.879282	0.346681	2.536288	0.012767	0.06042	1
ENSG0000	mucosal h	Inflamed	RP11-6311	pseudoger	chr5	60670939	60671682	+	744	2.649165	0.403341	0.426093	0.168003	2.536221	0.012769	0.06042	1
ENSG0000	mucosal h	Inflamed	GIMAP1	protein_cc	chr7	1.5E+08	1.5E+08	+	4846	548.389	0	-0.41339	0.163009	-2.53603	0.012776	0.060434	1
ENSG0000	mucosal h	Inflamed	NCK2	protein_cc	chr2	1.06E+08	1.07E+08	+	2990	2170.399	0	0.247944	0.09777	2.536	0.012776	0.060434	1
ENSG0000	mucosal h	Inflamed	TSTD1	protein_cc	chr1	1.61E+08	1.61E+08	-	1210	958.1504	0	0.368844	0.14545	2.53588	0.012781	0.060443	1
ENSG0000	mucosal h	Inflamed	RNF5	protein_cc	chr6	32146131	32151930	+	2043	1492.2	0	0.244631	0.096474	2.535727	0.012786	0.060452	1
ENSG0000	mucosal h	Inflamed	AP000476	lincRNA	chr21	25801054	25920256	+	4970	3.188544	0.410501	-0.54936	0.21665	-2.53569	0.012787	0.060452	1
ENSG0000	mucosal h	Inflamed	AC092162	lincRNA	chr2	1.78E+08	1.78E+08	-	5290	1.23389	0.701671	-0.4041	0.15938	-2.53545	0.012795	0.06048	1
ENSG0000	mucosal h	Inflamed	MPP4	protein_cc	chr2	2.03E+08	2.03E+08	-	4978	1.656325	0.668258	-0.46804	0.184626	-2.53508	0.012808	0.060529	1
ENSG0000	mucosal h	Inflamed	MORN1	protein_cc	chr1	2252692	2323146	-	8403	201.1671	0	0.31173	0.122978	2.534848	0.012816	0.060556	1
ENSG0000	mucosal h	Inflamed	FAM172Bf	pseudoger	chr3	1.01E+08	1.01E+08	+	2295	4.431981	0.279236	-0.48497	0.191344	-2.53455	0.012826	0.060592	1
ENSG0000	mucosal h	Inflamed	RP11-1641	antisense	chr14	96178084	96223993	+	3017	12.2864	0.470167	-0.85315	0.33664	-2.5343	0.012835	0.060623	1
ENSG0000	mucosal h	Inflamed	SLC44A3	protein_cc	chr1	95285898	95360802	+	2869	1631.764	0	0.460867	0.181908	2.533519	0.012862	0.060739	1
ENSG0000	mucosal h	Inflamed	TATDN1	protein_cc	chr8	1.26E+08	1.26E+08	-	4778	285.0358	0	0.319214	0.126006	2.533321	0.012868	0.060759	1
ENSG0000	mucosal h	Inflamed	AL163953	lincRNA	chr14	54066550	54080744	-	726	4.310263	0.367542	0.60269	0.237911	2.533261	0.01287	0.060759	1
ENSG0000	mucosal h	Inflamed	AC004988	antisense	chr7	40577726	40586527	-	1771	1.890215	0.632458	-0.52651	0.207859	-2.533	0.012879	0.060763	1
ENSG0000	mucosal h	Inflamed	PPAPDC1B	protein_cc	chr8	38120648	38126761	-	4414	2091.864	0	-0.33932	0.13396	-2.533	0.01288	0.060763	1
ENSG0000	mucosal h	Inflamed	NPTN	protein_cc	chr15	73852355	73926475	-	4042	4664.766	0	0.300123	0.118488	2.532946	0.012881	0.060763	1
ENSG0000	mucosal h	Inflamed	MYBPC3	protein_cc	chr11	47352957	47374253	-	4268	24.85442	0.047733	-0.74998	0.296089	-2.53294	0.012882	0.060763	1
ENSG0000	mucosal h	Inflamed	TECTA	protein_cc	chr11	1.21E+08	1.21E+08	+	7696	43.47017	0.019093	-0.60564	0.239117	-2.53281	0.012886	0.060763	1
ENSG0000	mucosal h	Inflamed	FAM150B	protein_cc	chr2	279558	288851	-	2191	154.4797	0	0.541215	0.213685	2.532769	0.012887	0.060763	1
ENSG0000	mucosal h	Inflamed	RP11-1166	pseudoger	chr16	31987124	32015049	+	2227	8.472554	0.133652	-0.55884	0.220654	-2.53266	0.012891	0.060763	1
ENSG0000	mucosal h	Inflamed	KRT5	protein_cc	chr12	52908359	52914471	-	4292	344.0644	0.116945	-1.04445	0.412399	-2.53262	0.012893	0.060763	1
ENSG0000	mucosal h	Inflamed	CASP5	protein_cc	chr11	1.05E+08	1.05E+08	-	1592	982.2745	0	-0.88559	0.349684	-2.53253	0.012896	0.060763	1
ENSG0000	mucosal h	Inflamed	NOVA1	protein_cc	chr14	26912299	27066960	-	10046	127.0286	0.002387	0.558625	0.22058	2.532523	0.012896	0.060763	1
ENSG0000	mucosal h	Inflamed	RP5-11571	antisense	chr3	52273274	52275113	+	1101	8.093079	0.090692	-0.50866	0.200851	-2.5325	0.012897	0.060763	1

ENSG0000	mucosal h	Inflamed	DDX26B	protein_cc chrX	1.35E+08	1.35E+08	+	7177	857.7232	0	0.746989	0.295001	2.532156	0.012909	0.060807	1
ENSG0000	mucosal h	Inflamed	LRRC14B	protein_cc chr5	191626	195468	+	1573	5.673031	0.186158	-0.59908	0.2366	-2.53202	0.012913	0.060818	1
ENSG0000	mucosal h	Inflamed	CALM1	protein_cc chr14	90862846	90874605	+	7705	15155.61	0	0.281719	0.111273	2.531787	0.012921	0.060846	1
ENSG0000	mucosal h	Inflamed	RP11-18H1	lincRNA chr4	1.53E+08	1.53E+08	-	787	1.756563	0.572792	-0.4083	0.161285	-2.53155	0.01293	0.060874	1
ENSG0000	mucosal h	Inflamed	KIAA1644	protein_cc chr22	44639547	44708731	-	6751	552.9809	0	-0.55735	0.220182	-2.5313	0.012938	0.060902	1
ENSG0000	mucosal h	Inflamed	CTD-2547L	protein_cc chr14	91709103	91717426	+	787	20.42005	0.016706	-0.48842	0.192963	-2.53117	0.012943	0.060905	1
ENSG0000	mucosal h	Inflamed	TFE3	protein_cc chrX	48886242	48901012	-	4278	3137.461	0	-0.28036	0.110765	-2.53115	0.012943	0.060905	1
ENSG0000	mucosal h	Inflamed	ZNF703	protein_cc chr8	37553269	37557537	+	3347	4303.289	0	0.425059	0.167946	2.530922	0.012951	0.060932	1
ENSG0000	mucosal h	Inflamed	TET3	protein_cc chr2	74229840	74335303	+	11439	2474.516	0	0.466852	0.184467	2.530809	0.012955	0.060939	1
ENSG0000	mucosal h	Inflamed	Y_RNA	misc_RNA chrX	1.19E+08	1.19E+08	+	101	1.136038	0.675418	0.335132	0.132435	2.530541	0.012964	0.060972	1
ENSG0000	mucosal h	Inflamed	RP11-1149	lincRNA chr8	82066514	82076834	+	1136	8.164678	0.066826	-0.5364	0.211984	-2.53037	0.01297	0.06099	1
ENSG0000	mucosal h	Inflamed	TSGA10	protein_cc chr2	99613724	99771427	-	7375	88.18377	0	0.515186	0.203653	2.529727	0.012993	0.061051	1
ENSG0000	mucosal h	Inflamed	PLEKHD1	protein_cc chr14	69951409	69995215	+	5044	3.140811	0.369928	-0.483	0.190931	-2.52972	0.012993	0.061051	1
ENSG0000	mucosal h	Inflamed	STIM1	protein_cc chr11	3875757	4114439	+	6811	4110.816	0	0.33918	0.134078	2.529713	0.012993	0.061051	1
ENSG0000	mucosal h	Inflamed	RER1	protein_cc chr1	2323267	2336883	+	5638	6658.883	0	0.127566	0.050427	2.529709	0.012993	0.061051	1
ENSG0000	mucosal h	Inflamed	LINC00507	lincRNA chr12	1.28E+08	1.28E+08	+	2167	4.840095	0.52506	0.548538	0.216843	2.529657	0.012995	0.061051	1
ENSG0000	mucosal h	Inflamed	RP11-426L	antisense chr1	1.13E+08	1.13E+08	-	449	1.243437	0.718377	0.336197	0.132925	2.529219	0.01301	0.061112	1
ENSG0000	mucosal h	Inflamed	RN7SL721L	misc_RNA chr1	10450059	10450353	+	295	2.704057	0.365155	0.377252	0.149165	2.529092	0.013015	0.061121	1
ENSG0000	mucosal h	Inflamed	COX20	protein_cc chr1	2.45E+08	2.45E+08	+	4864	794.1981	0	0.359255	0.142059	2.528921	0.013021	0.061133	1
ENSG0000	mucosal h	Inflamed	RP11-834C	lincRNA chr12	54555849	54558236	-	754	2.484487	0.47494	0.443287	0.17529	2.528886	0.013022	0.061133	1
ENSG0000	mucosal h	Inflamed	FCER2	protein_cc chr19	7753644	7767032	-	2367	279.21	0	-0.85788	0.33925	-2.52876	0.013026	0.06114	1
ENSG0000	mucosal h	Inflamed	SKOR1	protein_cc chr15	68112042	68126899	+	4479	14.99284	0.0358	0.448666	0.177429	2.528713	0.013028	0.06114	1
ENSG0000	mucosal h	Inflamed	CELA3B	protein_cc chr1	22303514	22325135	+	1541	13.51313	0.341289	0.671092	0.265426	2.528358	0.01304	0.061185	1
ENSG0000	mucosal h	Inflamed	DNER	protein_cc chr2	2.3E+08	2.31E+08	-	3935	24.6611	0.059666	-0.75625	0.299114	-2.5283	0.013042	0.061185	1
ENSG0000	mucosal h	Inflamed	SLC9A1	protein_cc chr1	27425306	27493472	-	5974	7353.974	0	0.389285	0.153989	2.527999	0.013053	0.061215	1
ENSG0000	mucosal h	Inflamed	RP11-109I	lincRNA chr9	72287665	72288629	+	965	1.513126	0.618138	0.394981	0.156244	2.527985	0.013053	0.061215	1
ENSG0000	mucosal h	Inflamed	RP11-178C	lincRNA chr10	75880013	75880621	-	609	35.13604	0	0.395872	0.156639	2.527292	0.013077	0.061317	1
ENSG0000	mucosal h	Inflamed	RP11-731I	lincRNA chr4	1.52E+08	1.52E+08	-	540	10.88067	0.124105	0.557058	0.220463	2.526769	0.013096	0.061392	1
ENSG0000	mucosal h	Inflamed	VT11B	protein_cc chr14	68113792	68141548	-	5789	2537.508	0	0.283163	0.112071	2.526648	0.0131	0.061401	1
ENSG0000	mucosal h	Inflamed	NAGS	protein_cc chr17	42081914	42086431	+	2822	246.5967	0	0.488888	0.193513	2.526389	0.013109	0.061433	1
ENSG0000	mucosal h	Inflamed	SPA17P1	pseudoger chr10	77142151	77142602	-	452	0.813842	0.799523	0.215972	0.085492	2.526207	0.013115	0.061441	1
ENSG0000	mucosal h	Inflamed	CCL3L1	protein_cc chr17	34623842	34625731	-	1469	25.21002	0.229117	-1.0384	0.411053	-2.5262	0.013116	0.061441	1
ENSG0000	mucosal h	Inflamed	SBDS	protein_cc chr7	66452664	66460588	-	1732	3000.136	0	0.328278	0.129953	2.526128	0.013118	0.061443	1
ENSG0000	mucosal h	Inflamed	RXRG	protein_cc chr1	1.65E+08	1.65E+08	-	2532	49.31981	0.004773	0.731874	0.289738	2.525986	0.013123	0.061453	1
ENSG0000	mucosal h	Inflamed	MPC2	protein_cc chr1	1.68E+08	1.68E+08	-	2552	2377.282	0	0.316208	0.125185	2.525929	0.013125	0.061453	1
ENSG0000	mucosal h	Inflamed	RP11-407I	protein_cc chr14	39703106	39820397	+	5392	0.799523	0.782816	-0.32518	0.128785	-2.52501	0.013157	0.061594	1
ENSG0000	mucosal h	Inflamed	RNF32	protein_cc chr7	1.56E+08	1.56E+08	+	4371	40.65871	0	0.390833	0.154792	2.524898	0.013161	0.061601	1
ENSG0000	mucosal h	Inflamed	CNPPD1	protein_cc chr2	2.2E+08	2.2E+08	-	2760	4871.174	0	0.263931	0.104543	2.524615	0.013171	0.061636	1
ENSG0000	mucosal h	Inflamed	COL6A6	protein_cc chr3	1.3E+08	1.3E+08	+	9733	19.13604	0.396181	-1.12894	0.447188	-2.52453	0.013174	0.061639	1
ENSG0000	mucosal h	Inflamed	RP11-661I	lincRNA chr8	1.45E+08	1.45E+08	+	1979	118.043	0	0.314626	0.12465	2.524064	0.013191	0.061687	1

ENSG0000	mucosal h	Inflamed	PDPK1	protein_cc	chr16	2587965	2653189	+	10933	3953.138	0	0.365169	0.144678	2.524014	0.013192	0.061687	1
ENSG0000	mucosal h	Inflamed	RP1-228P1	protein_cc	chr12	48413554	48419165	-	962	0.854415	0.787589	0.258526	0.102428	2.523981	0.013194	0.061687	1
ENSG0000	mucosal h	Inflamed	ANKMY2	protein_cc	chr7	16639401	16685442	-	2854	561.2983	0	0.439768	0.174236	2.523975	0.013194	0.061687	1
ENSG0000	mucosal h	Inflamed	NANS	protein_cc	chr9	1.01E+08	1.01E+08	+	4922	4206.236	0	0.323237	0.128076	2.52379	0.0132	0.061706	1
ENSG0000	mucosal h	Inflamed	KREMEN1	protein_cc	chr22	29469066	29564321	+	7977	4538.862	0	0.366154	0.14511	2.523285	0.013218	0.061779	1
ENSG0000	mucosal h	Inflamed	WASH2P	pseudoger	chr2	1.14E+08	1.14E+08	+	3043	516.5203	0	0.273769	0.108504	2.523117	0.013224	0.061795	1
ENSG0000	mucosal h	Inflamed	CRYM-AS1	lincRNA	chr16	21312170	21329912	+	2515	13.36754	0.062053	0.556876	0.220728	2.522904	0.013232	0.061816	1
ENSG0000	mucosal h	Inflamed	UTS2B	protein_cc	chr3	1.91E+08	1.91E+08	-	3850	13.46301	0.064439	-0.57405	0.227539	-2.52286	0.013233	0.061816	1
ENSG0000	mucosal h	Inflamed	SARM1	protein_cc	chr17	26691378	26728065	+	8132	1167.232	0	0.259871	0.103014	2.522675	0.01324	0.061835	1
ENSG0000	mucosal h	Inflamed	RP5-1073C	antisense	chr1	1.14E+08	1.14E+08	-	3087	6.527446	0.088305	0.433176	0.171728	2.522455	0.013247	0.06186	1
ENSG0000	mucosal h	Inflamed	PGRMC2	protein_cc	chr4	1.29E+08	1.29E+08	-	4621	2809.888	0	0.25992	0.103054	2.52217	0.013258	0.061871	1
ENSG0000	mucosal h	Inflamed	C6orf163	protein_cc	chr6	88054567	88075181	+	2884	21.37232	0.042959	0.643336	0.255073	2.522167	0.013258	0.061871	1
ENSG0000	mucosal h	Inflamed	RP11-1141	pseudoger	chr12	76082574	76082876	-	303	1.415274	0.622912	-0.36126	0.143236	-2.52216	0.013258	0.061871	1
ENSG0000	mucosal h	Inflamed	CNRIP1	protein_cc	chr2	68511303	68547183	-	3548	375.401	0	-0.43398	0.172068	-2.52213	0.013259	0.061871	1
ENSG0000	mucosal h	Inflamed	AC002511	lincRNA	chr19	35890413	35910287	+	4107	1.171838	0.711217	-0.31498	0.124893	-2.52199	0.013264	0.061882	1
ENSG0000	mucosal h	Inflamed	CTD-20211	protein_cc	chr12	71441182	71512027	-	565	15.76134	0.078759	0.716276	0.284023	2.521898	0.013267	0.061887	1
ENSG0000	mucosal h	Inflamed	NUDT1	protein_cc	chr7	2281857	2290781	+	2006	282.6706	0	-0.32693	0.129663	-2.52141	0.013284	0.061956	1
ENSG0000	mucosal h	Inflamed	MIR940	lincRNA	chr16	2318156	2323419	+	980	47.58711	0	0.353778	0.140328	2.521074	0.013296	0.061998	1
ENSG0000	mucosal h	Inflamed	DAGLB	protein_cc	chr7	6448757	6523821	-	5756	884.074	0	0.228963	0.090821	2.521026	0.013298	0.061998	1
ENSG0000	mucosal h	Inflamed	GALNT8	protein_cc	chr12	4829507	4960277	+	3231	580.1146	0.002387	0.912647	0.362036	2.520876	0.013303	0.062011	1
ENSG0000	mucosal h	Inflamed	RNF133	protein_cc	chr7	1.22E+08	1.22E+08	-	1445	1.804296	0.5179	0.358268	0.142155	2.520262	0.013325	0.062102	1
ENSG0000	mucosal h	Inflamed	S100A7	protein_cc	chr1	1.53E+08	1.53E+08	-	536	52.6611	0.551313	-1.45579	0.57776	-2.51971	0.013345	0.062166	1
ENSG0000	mucosal h	Inflamed	SERPINB5	protein_cc	chr18	61143994	61172318	+	3939	1892.69	0	-1.01852	0.404233	-2.51964	0.013347	0.062166	1
ENSG0000	mucosal h	Inflamed	RP11-3361	lincRNA	chr10	5658825	5660124	-	657	0.97136	0.782816	0.324323	0.128723	2.519542	0.013351	0.062166	1
ENSG0000	mucosal h	Inflamed	GSG1L	protein_cc	chr16	27798850	28074830	-	5219	9.202864	0.317422	0.610785	0.24242	2.51953	0.013351	0.062166	1
ENSG0000	mucosal h	Inflamed	MRPL46	protein_cc	chr15	89002707	89010650	-	6432	264.0239	0	0.269577	0.106996	2.519511	0.013352	0.062166	1
ENSG0000	mucosal h	Inflamed	IFNE	protein_cc	chr9	21480841	21482312	-	1472	3.921241	0.568019	-0.65494	0.259951	-2.51948	0.013353	0.062166	1
ENSG0000	mucosal h	Inflamed	RP11-1109	lincRNA	chr12	89765597	89766136	+	540	3.656325	0.281623	0.456659	0.181305	2.518728	0.01338	0.062279	1
ENSG0000	mucosal h	Inflamed	ADAMTS7	protein_cc	chr15	79051545	79103773	-	7730	647.8091	0	-0.54826	0.217681	-2.51863	0.013383	0.062284	1
ENSG0000	mucosal h	Inflamed	NDST4	protein_cc	chr4	1.16E+08	1.16E+08	-	3719	1.797136	0.646778	0.492228	0.195454	2.518388	0.013392	0.062307	1
ENSG0000	mucosal h	Inflamed	RP11-31F1	sense_intr	chr9	547317	549531	+	450	13.91647	0	-0.33747	0.134005	-2.51836	0.013393	0.062307	1
ENSG0000	mucosal h	Inflamed	FMN1	protein_cc	chr15	33057747	33486897	-	20046	1263.453	0	0.535023	0.212484	2.51795	0.013407	0.062364	1
ENSG0000	mucosal h	Inflamed	AP1M1	protein_cc	chr19	16308389	16346160	+	3813	1584.492	0	-0.30982	0.123075	-2.51734	0.013429	0.062454	1
ENSG0000	mucosal h	Inflamed	MORF4L2-	antisense	chrX	1.03E+08	1.03E+08	+	2086	28.26253	0.050119	0.665161	0.264255	2.517112	0.013437	0.062481	1
ENSG0000	mucosal h	Inflamed	FAM213A	protein_cc	chr10	82167585	82192753	+	2337	1430.508	0	0.378157	0.150238	2.517047	0.01344	0.062481	1
ENSG0000	mucosal h	Inflamed	RP11-285J	antisense	chr3	37223598	37224225	+	628	9.694511	0.133652	0.611442	0.242992	2.516306	0.013466	0.062594	1
ENSG0000	mucosal h	Inflamed	RP11-44F1	lincRNA	chr16	53420856	53422997	+	2142	50.00955	0.016706	0.642835	0.255492	2.516062	0.013475	0.062623	1
ENSG0000	mucosal h	Inflamed	SNORD591	snoRNA	chr12	57038811	57038885	-	75	11.51074	0.095465	0.51147	0.203351	2.515214	0.013506	0.062743	1
ENSG0000	mucosal h	Inflamed	C1RL	protein_cc	chr12	7242183	7261869	-	5014	2022.492	0	-0.30707	0.122087	-2.51521	0.013506	0.062743	1
ENSG0000	mucosal h	Inflamed	RNF135	protein_cc	chr17	29295803	29326929	+	3580	919.0024	0	0.152257	0.060545	2.514759	0.013522	0.062808	1

ENSG0000	mucosal h	Inflamed	TMEM72- <i>antisense</i>	chr10	45306472	45455137	-	3300	5.136038	0.188544	0.440375	0.175135	2.514492	0.013532	0.062841	1	
ENSG0000	mucosal h	Inflamed	GLI4	protein_cc	chr8	1.44E+08	1.44E+08	+	3057	532.2291	0	0.308369	0.122648	2.514267	0.01354	0.062868	1
ENSG0000	mucosal h	Inflamed	TREM2	protein_cc	chr6	41126244	41130924	-	1095	78.63723	0.002387	-0.62329	0.247938	-2.51388	0.013554	0.062922	1
ENSG0000	mucosal h	Inflamed	KHDC1	protein_cc	chr6	73951037	74020088	-	3319	34.6969	0.002387	-0.3868	0.153884	-2.51357	0.013565	0.062962	1
ENSG0000	mucosal h	Inflamed	RP3-467N	pseudoger	chr6	1.01E+08	1.01E+08	+	736	3.47494	0.190931	-0.36106	0.14366	-2.5133	0.013575	0.062996	1
ENSG0000	mucosal h	Inflamed	TOP1MT	protein_cc	chr8	1.44E+08	1.44E+08	-	6441	655.9666	0	0.254046	0.101089	2.513079	0.013583	0.063022	1
ENSG0000	mucosal h	Inflamed	GJB1	protein_cc	chrX	70435044	70445366	+	2235	1964.148	0.004773	0.704054	0.280172	2.512931	0.013588	0.063033	1
ENSG0000	mucosal h	Inflamed	RP1-167G	lincRNA	chr5	16373470	16440190	-	2120	1.124105	0.74463	0.360206	0.143344	2.512885	0.01359	0.063033	1
ENSG0000	mucosal h	Inflamed	AC068587	miRNA	chr8	12435514	12435661	+	148	5.288783	0.279236	0.556704	0.221551	2.512762	0.013594	0.063042	1
ENSG0000	mucosal h	Inflamed	LA16c-316	antisense	chr16	1408901	1411406	-	435	0.902148	0.761337	0.28154	0.112049	2.512657	0.013598	0.063048	1
ENSG0000	mucosal h	Inflamed	RP1-283E3	processed	chr1	1634175	1669127	-	5079	246.2864	0.01432	0.593562	0.236261	2.512311	0.01361	0.063095	1
ENSG0000	mucosal h	Inflamed	SERF1B	protein_cc	chr5	69321074	69338940	+	3051	9.5179	0.038186	0.393418	0.156614	2.512026	0.013621	0.063132	1
ENSG0000	mucosal h	Inflamed	RP11-3831	protein_cc	chr8	72740402	73030628	+	6284	115.0859	0.002387	-0.57719	0.229788	-2.51182	0.013628	0.063155	1
ENSG0000	mucosal h	Inflamed	MAPRE3	protein_cc	chr2	27193480	27250064	+	3459	1123.933	0	0.389654	0.155137	2.511681	0.013633	0.063168	1
ENSG0000	mucosal h	Inflamed	ABHD14B	protein_cc	chr3	52002526	52017425	-	3161	3308.387	0	0.259622	0.103378	2.511379	0.013644	0.063208	1
ENSG0000	mucosal h	Inflamed	RP11-863F	lincRNA	chr16	88121647	88134591	-	3616	5.75179	0.26253	0.578832	0.230503	2.511173	0.013652	0.063231	1
ENSG0000	mucosal h	Inflamed	NCR1	protein_cc	chr19	55417508	55427508	+	1893	13.78282	0.045346	-0.48892	0.194718	-2.51093	0.013661	0.063261	1
ENSG0000	mucosal h	Inflamed	TBC1D22B	protein_cc	chr6	37225548	37300746	+	3462	926.5298	0	0.235225	0.093695	2.510539	0.013675	0.063313	1
ENSG0000	mucosal h	Inflamed	TRADD	protein_cc	chr16	67188083	67194201	-	2567	1160.305	0	-0.22856	0.091041	-2.51049	0.013676	0.063313	1
ENSG0000	mucosal h	Inflamed	PAWR	protein_cc	chr12	79968759	80084877	-	11668	1788.47	0	0.549212	0.21878	2.510339	0.013682	0.063327	1
ENSG0000	mucosal h	Inflamed	AC009120	antisense	chr16	74339100	74369244	-	1357	98.54415	0.002387	0.60748	0.242017	2.51007	0.013692	0.063361	1
ENSG0000	mucosal h	Inflamed	EEF1DP1	pseudoger	chr19	14181154	14182052	+	899	13.83294	0.011933	-0.42521	0.169436	-2.50955	0.013711	0.063438	1
ENSG0000	mucosal h	Inflamed	RP11-493L	pseudoger	chr12	47735397	47735872	-	476	0.983294	0.763723	-0.34886	0.139019	-2.50941	0.013716	0.06344	1
ENSG0000	mucosal h	Inflamed	SPINT1	protein_cc	chr15	41136216	41150405	+	3587	13434.04	0	0.443667	0.176805	2.509358	0.013718	0.06344	1
ENSG0000	mucosal h	Inflamed	RP11-265F	lincRNA	chrX	39164210	39186616	-	1773	6.48926	0.360382	-0.61639	0.24564	-2.50934	0.013718	0.06344	1
ENSG0000	mucosal h	Inflamed	LAMA1	protein_cc	chr18	6941743	7117813	-	15872	351.0072	0	0.516124	0.205718	2.50889	0.013735	0.06349	1
ENSG0000	mucosal h	Inflamed	TSPAN12	protein_cc	chr7	1.2E+08	1.2E+08	-	3366	708.7279	0	0.424093	0.169037	2.508875	0.013735	0.06349	1
ENSG0000	mucosal h	Inflamed	NP1PB11	protein_cc	chr16	29392675	29415350	-	3653	71.28878	0.004773	0.543568	0.216661	2.508839	0.013737	0.06349	1
ENSG0000	mucosal h	Inflamed	ANO9	protein_cc	chr11	417933	442011	-	6207	3961.702	0	0.487915	0.194517	2.508347	0.013754	0.063561	1
ENSG0000	mucosal h	Inflamed	ESRP2	protein_cc	chr16	68263014	68272005	-	5563	3787.962	0	0.631657	0.251828	2.508286	0.013757	0.063561	1
ENSG0000	mucosal h	Inflamed	AL590762	pseudoger	chrX	70572268	70572838	+	571	1.785203	0.551313	0.370587	0.147755	2.508121	0.013763	0.063567	1
ENSG0000	mucosal h	Inflamed	CLDND2	protein_cc	chr19	51870352	51872257	-	1156	34.17184	0	0.360557	0.143758	2.508088	0.013764	0.063567	1
ENSG0000	mucosal h	Inflamed	RNU1-72P	snRNA	chr7	1.29E+08	1.29E+08	+	153	1.885442	0.596659	-0.46636	0.185947	-2.50805	0.013765	0.063567	1
ENSG0000	mucosal h	Inflamed	ATO7	protein_cc	chr10	69990386	69991871	-	1486	3.873508	0.398568	0.395893	0.157869	2.507724	0.013777	0.063612	1
ENSG0000	mucosal h	Inflamed	TRAPPC2P	protein_cc	chr19	57874879	57876721	+	1843	65.15274	0	-0.35292	0.140749	-2.50742	0.013788	0.06364	1
ENSG0000	mucosal h	Inflamed	HP	protein_cc	chr16	72088491	72094954	+	5405	12.72076	0.200477	-0.79381	0.316583	-2.50742	0.013788	0.06364	1
ENSG0000	mucosal h	Inflamed	ARL14	protein_cc	chr3	1.6E+08	1.6E+08	+	1286	938.9141	0.002387	0.783885	0.312635	2.507351	0.013791	0.063641	1
ENSG0000	mucosal h	Inflamed	RP11-468E	pseudoger	chr14	24505662	24520580	+	1717	12.36754	0.059666	0.491927	0.196224	2.506963	0.013805	0.063695	1
ENSG0000	mucosal h	Inflamed	IGFBPL1	protein_cc	chr9	38408991	38424444	-	1093	11.7852	0.042959	-0.48546	0.193648	-2.5069	0.013807	0.063695	1
ENSG0000	mucosal h	Inflamed	GUSBP9	pseudoger	chr5	70435716	70585611	-	1645	24.96659	0.038186	0.581484	0.231965	2.506773	0.013812	0.063705	1

ENSG0000	mucosal h	Inflamed	GNAS	protein_cc chr20	57414773	57486247	+	13320	27775.6	0	-0.16959	0.067664	-2.50636	0.013827	0.063765	1
ENSG0000	mucosal h	Inflamed	SPAG1	protein_cc chr8	1.01E+08	1.01E+08	+	5054	943.6516	0	0.538727	0.214955	2.506235	0.013832	0.063774	1
ENSG0000	mucosal h	Inflamed	RP11-933t	processed_chr3	1.31E+08	1.31E+08	-	4200	17.25537	0.0358	0.618491	0.246789	2.506157	0.013835	0.063776	1
ENSG0000	mucosal h	Inflamed	RP11-389C	sense_ove chr5	71735730	71738214	-	2485	197.2936	0.002387	-0.52753	0.21052	-2.50587	0.013845	0.063814	1
ENSG0000	mucosal h	Inflamed	PRODH	protein_cc chr22	18900294	18924066	-	8772	302.1933	0.004773	0.76714	0.30616	2.50568	0.013852	0.063835	1
ENSG0000	mucosal h	Inflamed	LSAMP	protein_cc chr3	1.16E+08	1.18E+08	-	10367	414.5131	0.002387	-0.71264	0.284432	-2.50548	0.01386	0.063849	1
ENSG0000	mucosal h	Inflamed	OCLN	protein_cc chr5	68788119	68853931	+	6761	884.7876	0	0.721374	0.287925	2.505422	0.013862	0.063849	1
ENSG0000	mucosal h	Inflamed	CPNE9	protein_cc chr3	9745491	9771592	+	2332	4.078759	0.171838	-0.43105	0.17205	-2.5054	0.013863	0.063849	1
ENSG0000	mucosal h	Inflamed	ESR1	protein_cc chr6	1.52E+08	1.52E+08	+	13629	82.14081	0.01432	-0.74157	0.296014	-2.5052	0.01387	0.063872	1
ENSG0000	mucosal h	Inflamed	ATF4P4	pseudoger chr11	1.14E+08	1.14E+08	+	2136	5.632458	0.105012	-0.41707	0.166502	-2.50487	0.013882	0.063912	1
ENSG0000	mucosal h	Inflamed	AP001877	pseudoger chr11	95556681	95557336	-	654	3.811456	0.26253	0.424661	0.16954	2.504784	0.013885	0.063912	1
ENSG0000	mucosal h	Inflamed	ZRANB2-A	processed_chr1	71547007	71955652	+	5719	4.534606	0.229117	0.461234	0.184143	2.504759	0.013886	0.063912	1
ENSG0000	mucosal h	Inflamed	TRIM66	protein_cc chr11	8633584	8693413	-	10816	1195.652	0	0.529016	0.211222	2.504551	0.013894	0.063923	1
ENSG0000	mucosal h	Inflamed	ENO2	protein_cc chr12	7022909	7032861	+	4281	745.2053	0	-0.45626	0.182171	-2.50455	0.013894	0.063923	1
ENSG0000	mucosal h	Inflamed	MGAT4A	protein_cc chr2	99235569	99347589	-	9630	3094.074	0	0.56118	0.224069	2.504496	0.013896	0.063923	1
ENSG0000	mucosal h	Inflamed	RP3-395M	lincRNA chr1	2477904	2478899	+	996	92.40095	0	0.305361	0.121954	2.50391	0.013918	0.064002	1
ENSG0000	mucosal h	Inflamed	CNOT7P1	pseudoger chrX	69157016	69157867	-	852	1.183771	0.696897	0.313067	0.125032	2.5039	0.013918	0.064002	1
ENSG0000	mucosal h	Inflamed	ALDH1B1	protein_cc chr9	38392661	38398658	+	3066	2591.73	0	0.34183	0.136528	2.503738	0.013924	0.064004	1
ENSG0000	mucosal h	Inflamed	RNU6-678	snRNA chr3	1.33E+08	1.33E+08	+	100	1.281623	0.653938	0.308959	0.1234	2.503731	0.013924	0.064004	1
ENSG0000	mucosal h	Inflamed	MROH6	protein_cc chr8	1.45E+08	1.45E+08	-	4408	1218.63	0	-0.49263	0.196761	-2.50369	0.013926	0.064004	1
ENSG0000	mucosal h	Inflamed	RP11-449F	antisense chr7	1094996	1098897	-	1562	2.508353	0.360382	-0.35747	0.142796	-2.50333	0.013939	0.064041	1
ENSG0000	mucosal h	Inflamed	SAG	protein_cc chr2	2.34E+08	2.34E+08	+	11885	2.052506	0.546539	0.329784	0.131739	2.503324	0.013939	0.064041	1
ENSG0000	mucosal h	Inflamed	BDH2P1	pseudoger chr6	99622620	99623357	+	738	1.300716	0.670644	0.304797	0.121759	2.503275	0.013941	0.064041	1
ENSG0000	mucosal h	Inflamed	CLU10S	protein_cc chr12	92813870	92821924	-	686	2.610979	0.52506	-0.50653	0.202352	-2.50318	0.013944	0.064045	1
ENSG0000	mucosal h	Inflamed	AF186192	lincRNA chr8	1.46E+08	1.46E+08	-	572	5.625298	0.140811	0.411026	0.164217	2.502941	0.013953	0.064076	1
ENSG0000	mucosal h	Inflamed	MIR4482-1	miRNA chr10	1.06E+08	1.06E+08	-	98	0.921241	0.73747	0.278675	0.111344	2.502828	0.013957	0.064084	1
ENSG0000	mucosal h	Inflamed	AC012358	antisense chr2	55441523	55443262	-	916	5.322196	0.252983	0.531076	0.212202	2.50269	0.013963	0.064096	1
ENSG0000	mucosal h	Inflamed	AGAP2-AS	protein_cc chr12	58120054	58122139	+	1500	225.1862	0	-0.38849	0.155242	-2.50248	0.013971	0.064121	1
ENSG0000	mucosal h	Inflamed	CTC-378H	antisense chr19	42636707	42641251	+	897	11.27446	0.069212	-0.56084	0.224138	-2.50222	0.01398	0.064153	1
ENSG0000	mucosal h	Inflamed	MME	protein_cc chr3	1.55E+08	1.55E+08	+	9566	520.5274	0.002387	-0.93346	0.373097	-2.50193	0.013991	0.064191	1
ENSG0000	mucosal h	Inflamed	RUNX2	protein_cc chr6	45295894	45632086	+	8191	671.864	0	-0.54824	0.219151	-2.50164	0.014001	0.064229	1
ENSG0000	mucosal h	Inflamed	PLK1	protein_cc chr16	23688977	23701688	+	4760	1145.115	0	-0.38045	0.152095	-2.5014	0.01401	0.064253	1
ENSG0000	mucosal h	Inflamed	GOLGA8I	protein_cc chr15	23255242	23268823	+	5865	1.343675	0.668258	0.327564	0.130954	2.501371	0.014012	0.064253	1
ENSG0000	mucosal h	Inflamed	RP11-67L2	lincRNA chr3	1.23E+08	1.23E+08	+	5456	303.2888	0	0.543771	0.217444	2.500743	0.014035	0.064349	1
ENSG0000	mucosal h	Inflamed	SCO1	protein_cc chr17	10583654	10601692	-	2367	1081.487	0	0.289684	0.115848	2.500554	0.014042	0.06437	1
ENSG0000	mucosal h	Inflamed	KIF17	protein_cc chr1	20990507	21044510	-	4470	45.54654	0	-0.47809	0.191207	-2.5004	0.014048	0.06437	1
ENSG0000	mucosal h	Inflamed	CKMT1B	protein_cc chr15	43885252	43897099	+	3939	1653.16	0.002387	0.638595	0.255401	2.500361	0.014049	0.06437	1
ENSG0000	mucosal h	Inflamed	MT-TC	Mt_tRNA chrM	5761	5826	-	66	53.358	0	0.559751	0.223875	2.500283	0.014052	0.06437	1
ENSG0000	mucosal h	Inflamed	TXNDC2	protein_cc chr18	9885763	9889272	+	3352	2.026253	0.513126	-0.39833	0.159317	-2.50023	0.014054	0.06437	1
ENSG0000	mucosal h	Inflamed	ASGR2	protein_cc chr17	7004641	7019019	-	2490	37.83771	0.004773	-0.55685	0.222718	-2.50023	0.014054	0.06437	1

ENSG0000	mucosal h	Inflamed	PDSS1	protein_cc	chr10	26986588	27035727	+	1959	482.4606	0	0.368116	0.147237	2.500156	0.014057	0.064371	1
ENSG0000	mucosal h	Inflamed	CD22	protein_cc	chr19	35810164	35838258	+	5839	1455.737	0	-0.95509	0.382038	-2.49999	0.014063	0.064377	1
ENSG0000	mucosal h	Inflamed	KIAA1522	protein_cc	chr1	33207486	33240571	+	5965	15168.93	0	0.46726	0.186907	2.499965	0.014064	0.064377	1
ENSG0000	mucosal h	Inflamed	CENPV	protein_cc	chr17	16245848	16256970	-	2302	919.9833	0	0.44194	0.176784	2.499881	0.014067	0.064377	1
ENSG0000	mucosal h	Inflamed	PGAM1	protein_cc	chr10	99185917	99193198	+	2568	3104.368	0	-0.20545	0.082186	-2.49986	0.014068	0.064377	1
ENSG0000	mucosal h	Inflamed	DDX19B	protein_cc	chr16	70323566	70369186	+	4522	533.7661	0	0.191771	0.076746	2.498766	0.014109	0.064552	1
ENSG0000	mucosal h	Inflamed	IGHV4-28	IG_V_gene	chr14	1.07E+08	1.07E+08	-	423	155.4463	0.01432	-0.95922	0.3839	-2.49861	0.014114	0.064567	1
ENSG0000	mucosal h	Inflamed	RP11-1441	pseudoger	chr16	74701404	74702604	+	1201	1.200477	0.670644	0.310665	0.124363	2.498049	0.014136	0.064652	1
ENSG0000	mucosal h	Inflamed	RP11-6371	lincRNA	chr12	69068151	69081535	-	2845	5.916468	0.121718	-0.50215	0.201023	-2.49798	0.014138	0.064654	1
ENSG0000	mucosal h	Inflamed	KCTD9P2	pseudoger	chrX	1.05E+08	1.05E+08	+	1013	1.336516	0.618138	0.348941	0.139695	2.497871	0.014142	0.06466	1
ENSG0000	mucosal h	Inflamed	REM1	protein_cc	chr20	30063096	30072708	+	1665	118.673	0	-0.61217	0.245096	-2.49769	0.014149	0.06468	1
ENSG0000	mucosal h	Inflamed	RP5-1074L	antisense	chr1	1.11E+08	1.11E+08	-	2611	12.60143	0.011933	-0.30023	0.120232	-2.4971	0.014171	0.064771	1
ENSG0000	mucosal h	Inflamed	WASH3P	pseudoger	chr15	1.03E+08	1.03E+08	+	2668	787.5203	0	0.281426	0.112707	2.49698	0.014176	0.064779	1
ENSG0000	mucosal h	Inflamed	RP11-197F	sense_intr	chr9	77624744	77630952	-	670	2.279236	0.463007	0.432326	0.173168	2.496571	0.014191	0.064838	1
ENSG0000	mucosal h	Inflamed	RP11-650k	protein_cc	chr12	1.04E+08	1.04E+08	+	674	1.508353	0.618138	0.391766	0.156927	2.496483	0.014194	0.064839	1
ENSG0000	mucosal h	Inflamed	CTB-36H1f	sense_ove	chr5	1.22E+08	1.22E+08	+	2178	16.8401	0.040573	0.571474	0.228917	2.496426	0.014196	0.064839	1
ENSG0000	mucosal h	Inflamed	HSPA2	protein_cc	chr14	65002623	65009955	+	2841	1348.838	0	0.399066	0.159859	2.49637	0.014199	0.064839	1
ENSG0000	mucosal h	Inflamed	PDCL3	protein_cc	chr2	1.01E+08	1.01E+08	+	1831	476.3484	0	0.242875	0.097311	2.495871	0.014217	0.064914	1
ENSG0000	mucosal h	Inflamed	PGAP1	protein_cc	chr2	1.98E+08	1.98E+08	-	12761	377.1623	0.002387	0.621715	0.249113	2.495715	0.014223	0.064929	1
ENSG0000	mucosal h	Inflamed	AP000695	protein_cc	chr21	37858165	37860058	+	1894	2.634845	0.52506	-0.52081	0.208704	-2.49543	0.014234	0.064966	1
ENSG0000	mucosal h	Inflamed	OVOL1	protein_cc	chr11	65554493	65564690	+	3849	1845.172	0	0.647322	0.259418	2.495283	0.014239	0.064981	1
ENSG0000	mucosal h	Inflamed	AC114812	pseudoger	chr2	2.35E+08	2.35E+08	+	757	1.260143	0.704057	0.3397	0.13615	2.495043	0.014248	0.065011	1
ENSG0000	mucosal h	Inflamed	GNA14	protein_cc	chr9	80037995	80263223	-	2721	442.0692	0	0.4034	0.161694	2.494832	0.014256	0.065036	1
ENSG0000	mucosal h	Inflamed	LARP4B	protein_cc	chr10	855484	977564	-	10125	3746.964	0	0.320754	0.128586	2.494466	0.01427	0.065081	1
ENSG0000	mucosal h	Inflamed	RP11-61J1	lincRNA	chr1	2.13E+08	2.13E+08	+	1899	9.980907	0.100239	0.506227	0.202942	2.494441	0.014271	0.065081	1
ENSG0000	mucosal h	Inflamed	C19orf71	protein_cc	chr19	3539152	3544028	+	674	46.27446	0.02148	0.629389	0.252335	2.49426	0.014278	0.065101	1
ENSG0000	mucosal h	Inflamed	CHMP4BP1	pseudoger	chr14	55765362	55765949	+	588	5.02864	0.157518	0.475315	0.190586	2.493965	0.014289	0.065132	1
ENSG0000	mucosal h	Inflamed	CXCR4	protein_cc	chr2	1.37E+08	1.37E+08	-	2224	1297.604	0	-0.61244	0.245572	-2.49394	0.01429	0.065132	1
ENSG0000	mucosal h	Inflamed	ASLP1	pseudoger	chr22	23991400	23995521	-	637	17.75179	0.071599	0.596652	0.239286	2.493472	0.014308	0.065203	1
ENSG0000	mucosal h	Inflamed	ZNF737	protein_cc	chr19	20718631	20748615	-	3539	153.4821	0.011933	0.573178	0.229888	2.493288	0.014315	0.065223	1
ENSG0000	mucosal h	Inflamed	AC144521	processed_chr	3	18486516	18959184	+	7355	37.5895	0	0.443312	0.177831	2.492881	0.01433	0.065282	1
ENSG0000	mucosal h	Inflamed	MYO19	protein_cc	chr17	34851477	34899284	-	13095	2346.002	0	0.289359	0.116085	2.492643	0.014339	0.065309	1
ENSG0000	mucosal h	Inflamed	NUDT16L1	protein_cc	chr16	4743695	4745860	+	2068	1169.609	0	0.219064	0.087889	2.492501	0.014345	0.065309	1
ENSG0000	mucosal h	Inflamed	ICA1	protein_cc	chr7	8152814	8302317	-	4891	1154.675	0	0.380263	0.152564	2.492478	0.014346	0.065309	1
ENSG0000	mucosal h	Inflamed	SNRPD3	protein_cc	chr22	24951471	25005947	+	2544	1947.129	0	0.259294	0.104031	2.492461	0.014346	0.065309	1
ENSG0000	mucosal h	Inflamed	OTC	protein_cc	chrX	38211798	38280703	+	1585	119.0119	0.016706	0.984308	0.394968	2.492119	0.014359	0.065357	1
ENSG0000	mucosal h	Inflamed	TPCN1	protein_cc	chr12	1.14E+08	1.14E+08	+	8728	5761.609	0	0.260204	0.104415	2.492008	0.014363	0.065365	1
ENSG0000	mucosal h	Inflamed	RABGAP1	protein_cc	chr9	1.26E+08	1.26E+08	+	8181	1476.525	0	0.465556	0.186827	2.491904	0.014367	0.065372	1
ENSG0000	mucosal h	Inflamed	RP11-196C	sense_intr	chr16	31129399	31130068	+	543	35.91885	0.031026	0.548672	0.220197	2.491732	0.014374	0.065379	1
ENSG0000	mucosal h	Inflamed	PLTP	protein_cc	chr20	44527399	44540794	-	2402	2864.146	0	-0.48387	0.194188	-2.49173	0.014374	0.065379	1

ENSG0000	mucosal h	Inflamed	WDR64	protein_cc	chr1	2.42E+08	2.42E+08	+	4935	4.553699	0.252983	-0.53682	0.215454	-2.4916	0.014379	0.065391	1
ENSG0000	mucosal h	Inflamed	TMEM214	protein_cc	chr2	27255778	27264563	+	4910	7648.578	0	-0.21491	0.086258	-2.4915	0.014383	0.065396	1
ENSG0000	mucosal h	Inflamed	CTB-50L17	antisense	chr19	4447301	4448214	+	540	15.33174	0.042959	0.466544	0.187273	2.491254	0.014392	0.065418	1
ENSG0000	mucosal h	Inflamed	PDCD4-AS	antisense	chr10	1.13E+08	1.13E+08	-	778	116.4057	0	0.234977	0.094321	2.491245	0.014392	0.065418	1
ENSG0000	mucosal h	Inflamed	RP11-64C1	pseudoger	chr18	12201981	12223538	+	2209	3.159905	0.443914	0.427015	0.17145	2.490616	0.014416	0.065515	1
ENSG0000	mucosal h	Inflamed	SMIM2-AS	antisense	chr13	44716682	44813010	+	546	79.93556	0.009547	0.658797	0.264519	2.490541	0.014419	0.065517	1
ENSG0000	mucosal h	Inflamed	RP11-68I3	sense_intr	chr17	27896598	27897537	+	465	17.11217	0.052506	0.528923	0.212381	2.490445	0.014423	0.065521	1
ENSG0000	mucosal h	Inflamed	PHF23	protein_cc	chr17	7138347	7143041	-	2783	1703.024	0	-0.21527	0.086442	-2.49039	0.014425	0.065521	1
ENSG0000	mucosal h	Inflamed	FHIT	protein_cc	chr3	59735036	61237133	-	5439	194.7136	0	0.301076	0.1209	2.490294	0.014429	0.065526	1
ENSG0000	mucosal h	Inflamed	CELF3	protein_cc	chr1	1.52E+08	1.52E+08	-	4439	58.50119	0.033413	0.796564	0.319899	2.490047	0.014438	0.065556	1
ENSG0000	mucosal h	Inflamed	KCTD16	protein_cc	chr5	1.44E+08	1.44E+08	+	14294	3.465394	0.477327	0.685626	0.275353	2.489987	0.014444	0.065556	1
ENSG0000	mucosal h	Inflamed	RNF24	protein_cc	chr20	3907956	3996229	-	7668	1625.461	0	-0.47246	0.189753	-2.48987	0.014445	0.065565	1
ENSG0000	mucosal h	Inflamed	IL17B	protein_cc	chr5	1.49E+08	1.49E+08	-	1211	10.93795	0.054893	-0.56546	0.227121	-2.48967	0.014453	0.065586	1
ENSG0000	mucosal h	Inflamed	ZBTB46	protein_cc	chr20	62375019	62462597	-	5955	516.716	0	-0.44372	0.178232	-2.48958	0.014456	0.065586	1
ENSG0000	mucosal h	Inflamed	CEP19	protein_cc	chr3	1.96E+08	1.96E+08	-	2201	79.40095	0.002387	-0.56331	0.226269	-2.48956	0.014457	0.065586	1
ENSG0000	mucosal h	Inflamed	KCNE1	protein_cc	chr21	35818988	35884573	-	5647	24.22912	0.038186	-0.69369	0.278721	-2.48882	0.014485	0.065683	1
ENSG0000	mucosal h	Inflamed	CCNF	protein_cc	chr16	2479395	2508855	+	6309	775.2434	0	-0.38475	0.154591	-2.48881	0.014485	0.065683	1
ENSG0000	mucosal h	Inflamed	CNTD2	protein_cc	chr19	40728115	40732597	-	2039	18.5895	0.02864	-0.65259	0.262212	-2.48877	0.014487	0.065683	1
ENSG0000	mucosal h	Inflamed	NDNL2	protein_cc	chr15	29560353	29562033	-	1681	533.315	0	-0.24195	0.097217	-2.48873	0.014488	0.065683	1
ENSG0000	mucosal h	Inflamed	COQ5	protein_cc	chr12	1.21E+08	1.21E+08	-	2523	625.8807	0	0.232967	0.093629	2.488192	0.014509	0.065755	1
ENSG0000	mucosal h	Inflamed	AC012485	antisense	chr2	2.39E+08	2.39E+08	-	563	6.680191	0.124105	0.485265	0.195028	2.488184	0.014509	0.065755	1
ENSG0000	mucosal h	Inflamed	GK5	protein_cc	chr3	1.42E+08	1.42E+08	-	6027	558.8854	0	0.636811	0.25594	2.488125	0.014512	0.065755	1
ENSG0000	mucosal h	Inflamed	RP11-476I	lincRNA	chr12	40534728	40536678	-	1951	2.073986	0.656325	-0.55215	0.22192	-2.48804	0.014515	0.065758	1
ENSG0000	mucosal h	Inflamed	ARL8A	protein_cc	chr1	2.02E+08	2.02E+08	-	1973	1399.019	0	-0.23091	0.092814	-2.48788	0.014521	0.065775	1
ENSG0000	mucosal h	Inflamed	CTD-2008A	pseudoger	chr15	45118569	45176892	-	2301	82.7327	0.002387	-0.56276	0.226212	-2.48776	0.014525	0.06578	1
ENSG0000	mucosal h	Inflamed	PTP4A1	protein_cc	chr6	64231666	64293492	+	5796	9322.926	0	0.502173	0.201861	2.487718	0.014527	0.06578	1
ENSG0000	mucosal h	Inflamed	SHOX2	protein_cc	chr3	1.58E+08	1.58E+08	-	3838	10.09069	0.140811	-0.61571	0.247567	-2.48702	0.014554	0.065881	1
ENSG0000	mucosal h	Inflamed	CX3CL1	protein_cc	chr16	57406370	57418960	+	5983	1005.874	0	-0.59201	0.238047	-2.48694	0.014557	0.065881	1
ENSG0000	mucosal h	Inflamed	ZNF44	protein_cc	chr19	12335501	12405702	-	6460	460.5084	0	0.570786	0.229517	2.486899	0.014559	0.065881	1
ENSG0000	mucosal h	Inflamed	NR1I2	protein_cc	chr3	1.19E+08	1.2E+08	+	5381	1904.076	0.002387	0.801306	0.322213	2.486879	0.014559	0.065881	1
ENSG0000	mucosal h	Inflamed	CTD-2353F	antisense	chr5	36666316	36725297	-	1159	11.15513	0.081146	-0.50747	0.204092	-2.4865	0.014574	0.065903	1
ENSG0000	mucosal h	Inflamed	WTIP	protein_cc	chr19	34971874	34997258	+	8262	254.2434	0	-0.48879	0.196579	-2.48647	0.014575	0.065903	1
ENSG0000	mucosal h	Inflamed	RP11-355I	sense_ove	chr14	62577593	62579268	+	1676	1.112172	0.727924	-0.35593	0.143146	-2.48645	0.014576	0.065903	1
ENSG0000	mucosal h	Inflamed	CD226	protein_cc	chr18	67498394	67629039	-	3957	67.04057	0.01432	-0.70974	0.285445	-2.48642	0.014577	0.065903	1
ENSG0000	mucosal h	Inflamed	RP11-771F	pseudoger	chr8	1.05E+08	1.05E+08	+	749	0.880668	0.787589	0.291149	0.117095	2.486424	0.014577	0.065903	1
ENSG0000	mucosal h	Inflamed	LYRM7	protein_cc	chr5	1.31E+08	1.31E+08	+	6351	436.8138	0	0.531876	0.213919	2.486347	0.01458	0.065906	1
ENSG0000	mucosal h	Inflamed	MID1IP1-A	antisense	chrX	38660821	38663136	-	376	1.914081	0.484487	0.340637	0.13701	2.486228	0.014585	0.065915	1
ENSG0000	mucosal h	Inflamed	PLEKHS1	protein_cc	chr10	1.16E+08	1.16E+08	+	5402	1033.632	0	-0.72331	0.290967	-2.48589	0.014597	0.065959	1
ENSG0000	mucosal h	Inflamed	TPTE2P1	pseudoger	chr13	25498815	25542625	-	1709	6.131265	0.121718	0.447898	0.18018	2.485844	0.014599	0.065959	1
ENSG0000	mucosal h	Inflamed	C3orf52	protein_cc	chr3	1.12E+08	1.12E+08	+	6021	757.9356	0	0.558013	0.224484	2.48576	0.014603	0.065962	1

ENSG0000	mucosal h	Inflamed	FMNL3	protein_cc	chr12	50031724	50101948	-	11982	2447.007	0	-0.51056	0.20548	-2.48472	0.014643	0.066133	1
ENSG0000	mucosal h	Inflamed	PMS2P9	pseudoger	chr7	76669261	76673093	+	515	2.420048	0.472554	0.420603	0.169297	2.484408	0.014655	0.066173	1
ENSG0000	mucosal h	Inflamed	ITPRIP	protein_cc	chr10	1.06E+08	1.06E+08	-	4588	1131.124	0	-0.52927	0.213041	-2.48434	0.014657	0.066173	1
ENSG0000	mucosal h	Inflamed	RP11-206F	pseudoger	chr4	1.54E+08	1.54E+08	+	762	4.460621	0.126492	0.372059	0.149769	2.484214	0.014662	0.066173	1
ENSG0000	mucosal h	Inflamed	PTGFR	protein_cc	chr1	78769568	79005434	+	4714	204.1384	0.004773	-0.92653	0.372968	-2.48421	0.014663	0.066173	1
ENSG0000	mucosal h	Inflamed	EPSTI1	protein_cc	chr13	43460524	43566407	-	4924	1069.673	0	-0.4979	0.200432	-2.48413	0.014666	0.066173	1
ENSG0000	mucosal h	Inflamed	RP11-1267	pseudoger	chr4	69570318	69578216	-	750	4.455847	0.295943	0.573473	0.230858	2.4841	0.014667	0.066173	1
ENSG0000	mucosal h	Inflamed	PELO	protein_cc	chr5	52083774	52099880	+	4349	565.4582	0	-0.23296	0.093794	-2.4837	0.014682	0.066228	1
ENSG0000	mucosal h	Inflamed	CDR2L	protein_cc	chr17	72983727	73001895	+	3536	639.2005	0	-0.53878	0.216937	-2.48355	0.014688	0.066228	1
ENSG0000	mucosal h	Inflamed	SIRT2	protein_cc	chr19	39369197	39390502	-	6204	2065.757	0	-0.17421	0.070147	-2.48354	0.014688	0.066228	1
ENSG0000	mucosal h	Inflamed	AOC1	protein_cc	chr7	1.51E+08	1.51E+08	+	3824	24254.15	0	0.703397	0.283226	2.48352	0.014689	0.066228	1
ENSG0000	mucosal h	Inflamed	RASA3	protein_cc	chr13	1.15E+08	1.15E+08	-	4352	1623.272	0	-0.45459	0.183063	-2.48324	0.0147	0.066257	1
ENSG0000	mucosal h	Inflamed	MASP1	protein_cc	chr3	1.87E+08	1.87E+08	-	12292	1342.337	0	-1.07571	0.433189	-2.48323	0.014701	0.066257	1
ENSG0000	mucosal h	Inflamed	DMTN	protein_cc	chr8	21906506	21940038	+	4511	1684.582	0	0.346571	0.139576	2.483028	0.014708	0.066271	1
ENSG0000	mucosal h	Inflamed	AC156455	processed	chr12	1.23E+08	1.23E+08	+	1831	29.27924	0.002387	0.432212	0.174068	2.483015	0.014709	0.066271	1
ENSG0000	mucosal h	Inflamed	CIB2	protein_cc	chr15	78396948	78423886	-	2146	459.1933	0	0.371072	0.149457	2.482808	0.014717	0.066296	1
ENSG0000	mucosal h	Inflamed	LINC00483	processed	chr17	48838390	48844918	-	3663	838.0764	0.00716	0.852302	0.343309	2.482609	0.014725	0.06632	1
ENSG0000	mucosal h	Inflamed	CYBB	protein_cc	chrX	37639264	37672714	+	4423	2415.076	0	-0.60023	0.241798	-2.48237	0.014734	0.066351	1
ENSG0000	mucosal h	Inflamed	HSPA8P15	pseudoger	chr6	1.52E+08	1.52E+08	-	786	7.202864	0.167064	0.534267	0.215256	2.482009	0.014748	0.066402	1
ENSG0000	mucosal h	Inflamed	RP11-297L	lincRNA	chr16	52641261	52647820	+	1137	17.60859	0.0358	0.578308	0.233006	2.481942	0.01475	0.066402	1
ENSG0000	mucosal h	Inflamed	RP3-337H	antisense	chr6	43529609	43530156	+	548	1.77327	0.529833	0.355886	0.143399	2.481787	0.014756	0.066418	1
ENSG0000	mucosal h	Inflamed	WDR72	protein_cc	chr15	53805938	54055075	-	8572	49.48926	0.085919	0.925192	0.372838	2.481482	0.014768	0.06646	1
ENSG0000	mucosal h	Inflamed	SPHK2	protein_cc	chr19	49122548	49133974	+	6008	1569.181	0	0.30877	0.124436	2.481355	0.014773	0.066471	1
ENSG0000	mucosal h	Inflamed	RP11-532F	lincRNA	chr6	711533	750729	+	423	0.830549	0.792363	0.283015	0.114065	2.481165	0.014781	0.066493	1
ENSG0000	mucosal h	Inflamed	RP11-545A	sense_ove	chr1	1.8E+08	1.8E+08	+	934	1.00716	0.720764	0.319894	0.128951	2.480733	0.014798	0.066536	1
ENSG0000	mucosal h	Inflamed	RP4-791M	antisense	chr1	1.45E+08	1.45E+08	-	869	19.67303	0.045346	0.603886	0.243438	2.480659	0.0148	0.066536	1
ENSG0000	mucosal h	Inflamed	CR2	protein_cc	chr1	2.08E+08	2.08E+08	+	4885	1274.301	0.002387	-1.34925	0.543908	-2.48065	0.014801	0.066536	1
ENSG0000	mucosal h	Inflamed	SLFN5	protein_cc	chr17	33570055	33600674	+	10709	1257.589	0	-0.67815	0.273378	-2.48063	0.014802	0.066536	1
ENSG0000	mucosal h	Inflamed	PVRL2	protein_cc	chr19	45349432	45392485	+	3747	6882.821	0	-0.29494	0.118898	-2.48059	0.014803	0.066536	1
ENSG0000	mucosal h	Inflamed	FXVD4	protein_cc	chr10	43867090	43871783	+	774	2.670644	0.508353	0.523824	0.211182	2.480437	0.014809	0.066552	1
ENSG0000	mucosal h	Inflamed	CLDN19	protein_cc	chr1	43198764	43205925	-	3602	2.775656	0.460621	0.48564	0.195797	2.48033	0.014813	0.06656	1
ENSG0000	mucosal h	Inflamed	HOMER3	protein_cc	chr19	19040010	19052070	-	3422	310.3914	0	-0.43392	0.174958	-2.48014	0.014821	0.066582	1
ENSG0000	mucosal h	Inflamed	RHPN1-AS	antisense	chr8	1.44E+08	1.44E+08	-	1918	14.04773	0.023866	-0.40496	0.163319	-2.47956	0.014843	0.066673	1
ENSG0000	mucosal h	Inflamed	AC008984	processed	chr19	54820182	54848439	-	1738	14.34606	0.272076	-0.80494	0.324702	-2.47902	0.014864	0.066736	1
ENSG0000	mucosal h	Inflamed	KIAA1377	protein_cc	chr11	1.02E+08	1.02E+08	+	8191	103.1504	0.002387	0.601354	0.242578	2.479014	0.014865	0.066736	1
ENSG0000	mucosal h	Inflamed	IGF1R	protein_cc	chr15	99192200	99507759	+	13509	2530.885	0	0.482942	0.194814	2.478989	0.014866	0.066736	1
ENSG0000	mucosal h	Inflamed	AP001062	antisense	chr21	45751117	45755734	+	4354	154.0406	0	0.359587	0.145057	2.478941	0.014868	0.066736	1
ENSG0000	mucosal h	Inflamed	ESRP1	protein_cc	chr8	95653302	95719694	+	4875	5488.451	0	0.712408	0.287418	2.47865	0.014879	0.066775	1
ENSG0000	mucosal h	Inflamed	RP11-488L	pseudoger	chr1	2.47E+08	2.47E+08	-	1670	2.539379	0.477327	0.442856	0.178675	2.478557	0.014883	0.06678	1
ENSG0000	mucosal h	Inflamed	CASC8	antisense	chr8	1.28E+08	1.28E+08	-	2342	11.06205	0.152745	-0.67373	0.271851	-2.47832	0.014892	0.066801	1

ENSG0000	mucosal h	Inflamed	DLEU1	protein_cc	chr13	50656307	51297372	+	9926	137.0286	0	0.348905	0.140783	2.478309	0.014892	0.066801	1
ENSG0000	mucosal h	Inflamed	KIAA1324L	protein_cc	chr7	86506222	86689015	-	8115	236.4988	0	0.667355	0.269306	2.47805	0.014903	0.066835	1
ENSG0000	mucosal h	Inflamed	ARL4C	protein_cc	chr2	2.35E+08	2.35E+08	-	4013	1244.458	0	-0.45229	0.182529	-2.4779	0.014909	0.066838	1
ENSG0000	mucosal h	Inflamed	SDSL	protein_cc	chr12	1.14E+08	1.14E+08	+	2216	509.148	0	0.273513	0.110382	2.477877	0.014909	0.066838	1
ENSG0000	mucosal h	Inflamed	MYLK	protein_cc	chr3	1.23E+08	1.24E+08	-	22166	4848.792	0	0.451299	0.182134	2.477842	0.014911	0.066838	1
ENSG0000	mucosal h	Inflamed	HSP90B1	protein_cc	chr12	1.04E+08	1.04E+08	+	4688	23889.15	0	-0.45457	0.183481	-2.47751	0.014924	0.066885	1
ENSG0000	mucosal h	Inflamed	RNF19B	protein_cc	chr1	33402046	33430286	-	2610	3895.902	0	-0.32642	0.13178	-2.47702	0.014943	0.06696	1
ENSG0000	mucosal h	Inflamed	TTC18	protein_cc	chr10	75013517	75118617	-	7424	50.99284	0.011933	0.678708	0.274055	2.476544	0.014962	0.067032	1
ENSG0000	mucosal h	Inflamed	AL137127.	miRNA	chr1	19410046	19410145	-	100	4.054893	0.257757	0.479415	0.193636	2.475855	0.014989	0.067138	1
ENSG0000	mucosal h	Inflamed	MTND2P2.	pseudoger	chr1	565020	566063	+	1044	3678.723	0	0.478938	0.193446	2.475817	0.014991	0.067138	1
ENSG0000	mucosal h	Inflamed	ZNF565	protein_cc	chr19	36673188	36737159	-	3727	94.40573	0	0.368751	0.149019	2.474532	0.015041	0.067345	1
ENSG0000	mucosal h	Inflamed	RP11-492E	antisense	chr9	1.32E+08	1.32E+08	+	2449	18.94749	0.01432	-0.58526	0.236513	-2.47452	0.015042	0.067345	1
ENSG0000	mucosal h	Inflamed	THAP10	protein_cc	chr15	71173681	71185124	-	2399	80.6778	0.002387	0.352039	0.142274	2.474364	0.015048	0.067361	1
ENSG0000	mucosal h	Inflamed	STAT2	protein_cc	chr12	56735381	56753939	-	6109	5523.337	0	-0.39046	0.157864	-2.47337	0.015087	0.067526	1
ENSG0000	mucosal h	Inflamed	KIF25-AS1	lincRNA	chr6	1.68E+08	1.68E+08	-	3088	9.095465	0.26253	-0.56628	0.22897	-2.47315	0.015096	0.067554	1
ENSG0000	mucosal h	Inflamed	CHSY3	protein_cc	chr5	1.29E+08	1.3E+08	+	3938	57.33174	0.02148	-0.63993	0.258767	-2.47301	0.015102	0.067566	1
ENSG0000	mucosal h	Inflamed	SCEL	protein_cc	chr13	78109809	78219398	+	4205	63.98807	0.0358	0.939493	0.379937	2.472763	0.015112	0.06759	1
ENSG0000	mucosal h	Inflamed	GPR17	protein_cc	chr2	1.28E+08	1.28E+08	+	2671	35.43198	0.026253	0.665602	0.269175	2.472753	0.015112	0.06759	1
ENSG0000	mucosal h	Inflamed	HNRNPUL2	protein_cc	chr11	62480102	62494821	-	5293	2825.055	0	0.247104	0.099958	2.472084	0.015139	0.067697	1
ENSG0000	mucosal h	Inflamed	LINC01057	lincRNA	chr1	95104017	95285837	-	2357	169.0549	0	0.357566	0.144669	2.471608	0.015158	0.067771	1
ENSG0000	mucosal h	Inflamed	ASS1	protein_cc	chr9	1.33E+08	1.33E+08	+	3050	20792.42	0	-0.55251	0.22356	-2.47139	0.015166	0.067798	1
ENSG0000	mucosal h	Inflamed	SIAH1	protein_cc	chr16	48390275	48482313	-	6725	683.0119	0	0.358488	0.145072	2.471094	0.015178	0.067839	1
ENSG0000	mucosal h	Inflamed	NFS1	protein_cc	chr20	34255977	34287281	-	6024	705.1384	0	0.198716	0.08043	2.47068	0.015195	0.067901	1
ENSG0000	mucosal h	Inflamed	ZC3H14	protein_cc	chr14	89029253	89079853	+	6890	1421.174	0	0.401317	0.162437	2.470607	0.015197	0.067903	1
ENSG0000	mucosal h	Inflamed	MYO5C	protein_cc	chr15	52484519	52587995	-	10045	2581.737	0	0.630947	0.255415	2.470281	0.01521	0.06795	1
ENSG0000	mucosal h	Inflamed	GLYCK	protein_cc	chr3	52321105	52329272	+	4793	1366.547	0	0.365027	0.147828	2.469267	0.015251	0.068106	1
ENSG0000	mucosal h	Inflamed	CTD-2517f	antisense	chr8	1.46E+08	1.46E+08	+	338	32.14558	0.016706	0.43168	0.174825	2.469211	0.015253	0.068106	1
ENSG0000	mucosal h	Inflamed	MAB21L3	protein_cc	chr1	1.17E+08	1.17E+08	+	3256	73.4821	0.009547	0.674703	0.273246	2.46921	0.015253	0.068106	1
ENSG0000	mucosal h	Inflamed	RP11-411k	lincRNA	chr6	53794820	53862465	+	3227	1.279236	0.725537	-0.39378	0.159483	-2.46909	0.015258	0.068106	1
ENSG0000	mucosal h	Inflamed	RP5-1033f	antisense	chr1	94057756	94071130	+	1954	279.5418	0.004773	0.601963	0.2438	2.469084	0.015258	0.068106	1
ENSG0000	mucosal h	Inflamed	RP11-7F18	lincRNA	chr8	68256210	68257322	+	1113	11.43198	0.069212	0.499002	0.202108	2.468989	0.015262	0.068111	1
ENSG0000	mucosal h	Inflamed	QPRT	protein_cc	chr16	29674600	29710020	+	3680	1407.78	0	0.383832	0.155477	2.468746	0.015272	0.068143	1
ENSG0000	mucosal h	Inflamed	PDXDC1	protein_cc	chr16	15068448	15233196	+	8908	10527.02	0	0.357657	0.144879	2.468666	0.015275	0.068146	1
ENSG0000	mucosal h	Inflamed	PPP1CC	protein_cc	chr12	1.11E+08	1.11E+08	-	6902	5413.659	0	0.339068	0.137363	2.468414	0.015285	0.06818	1
ENSG0000	mucosal h	Inflamed	AC004381	antisense	chr16	20754985	20777942	-	351	2.095465	0.477327	0.357991	0.145061	2.467861	0.015308	0.068266	1
ENSG0000	mucosal h	Inflamed	HNRNPA1f	pseudoger	chr3	39376470	39377430	+	961	16.9642	0.150358	-0.70424	0.285372	-2.46778	0.015311	0.068266	1
ENSG0000	mucosal h	Inflamed	UQCC1	protein_cc	chr20	33890369	33999944	-	6916	1268.162	0	0.220499	0.089353	2.467723	0.015313	0.068266	1
ENSG0000	mucosal h	Inflamed	CHRD	protein_cc	chr3	1.84E+08	1.84E+08	+	6620	309.895	0	-0.58105	0.235463	-2.46767	0.015315	0.068266	1
ENSG0000	mucosal h	Inflamed	RAET1L	protein_cc	chr6	1.5E+08	1.5E+08	-	1346	7.312649	0.377088	0.757543	0.307021	2.467395	0.015326	0.068305	1
ENSG0000	mucosal h	Inflamed	DCDC2B	protein_cc	chr1	32674695	32681797	+	1869	0.906921	0.78043	0.346257	0.140342	2.46724	0.015333	0.068321	1

ENSG0000	mucosal h	Inflamed	USP18	protein_cc	chr22	18632666	18660164	+	2129	180.8592	0	-0.33666	0.136469	-2.46693	0.015345	0.068354	1
ENSG0000	mucosal h	Inflamed	ZBED3	protein_cc	chr5	76367897	76383148	-	6514	746.7709	0	0.387883	0.157236	2.466882	0.015347	0.068354	1
ENSG0000	mucosal h	Inflamed	RP4-773N	antisense	chr1	1.11E+08	1.11E+08	+	4216	449.7661	0	0.366458	0.148553	2.466848	0.015348	0.068354	1
ENSG0000	mucosal h	Inflamed	LINC00403	lincRNA	chr13	1.13E+08	1.13E+08	+	545	1.331742	0.701671	0.360816	0.146272	2.466747	0.015352	0.068354	1
ENSG0000	mucosal h	Inflamed	RNF113A	protein_cc	chrX	1.19E+08	1.19E+08	-	1295	417.8711	0	-0.22005	0.089212	-2.46661	0.015358	0.068354	1
ENSG0000	mucosal h	Inflamed	JMJD4	protein_cc	chr1	2.28E+08	2.28E+08	-	4315	658.8783	0	-0.21186	0.085895	-2.46656	0.01536	0.068354	1
ENSG0000	mucosal h	Inflamed	CTD-3128	antisense	chr19	6748304	6751478	-	686	35.43675	0.01432	0.605	0.245282	2.466545	0.015361	0.068354	1
ENSG0000	mucosal h	Inflamed	NTMT1	protein_cc	chr9	1.32E+08	1.32E+08	+	2674	678.2458	0	-0.21426	0.086868	-2.46654	0.015361	0.068354	1
ENSG0000	mucosal h	Inflamed	AGPAT4	protein_cc	chr6	1.62E+08	1.62E+08	-	9419	799.327	0	-0.50419	0.204418	-2.46644	0.015365	0.06836	1
ENSG0000	mucosal h	Inflamed	MFAP5	protein_cc	chr12	8789942	8815484	-	3876	153.7351	0.002387	0.856194	0.34719	2.466069	0.01538	0.068415	1
ENSG0000	mucosal h	Inflamed	MFN2	protein_cc	chr1	12040238	12073571	+	4973	5991.94	0	0.261988	0.106246	2.465874	0.015388	0.068439	1
ENSG0000	mucosal h	Inflamed	FZD1	protein_cc	chr7	90893783	90898123	+	4341	1353.2	0	0.329463	0.133622	2.465633	0.015397	0.06847	1
ENSG0000	mucosal h	Inflamed	KCTD3	protein_cc	chr1	2.16E+08	2.16E+08	+	4929	1429.332	0	0.469343	0.190379	2.465309	0.01541	0.068517	1
ENSG0000	mucosal h	Inflamed	CTC-508F8	antisense	chr16	21132079	21141429	+	405	1.336516	0.630072	-0.35701	0.144826	-2.4651	0.015419	0.068543	1
ENSG0000	mucosal h	Inflamed	RP11-588k	sense_ove	chr4	1.57E+08	1.57E+08	+	2615	149.6587	0.009547	-0.81201	0.329454	-2.46473	0.015434	0.068589	1
ENSG0000	mucosal h	Inflamed	RP11-425f	antisense	chr6	1.1E+08	1.1E+08	+	872	19.09785	0.01432	0.488866	0.198347	2.464706	0.015435	0.068589	1
ENSG0000	mucosal h	Inflamed	CTD-2260f	antisense	chr5	96120481	96121703	+	1001	17.14081	0.107399	0.675757	0.27418	2.46465	0.015437	0.068589	1
ENSG0000	mucosal h	Inflamed	CTD-2554c	pseudoger	chr19	38270326	38283505	+	1432	7.785203	0.040573	0.348684	0.1415	2.464197	0.015456	0.068659	1
ENSG0000	mucosal h	Inflamed	RP5-894A1	antisense	chr7	1.41E+08	1.41E+08	-	770	82.41527	0	0.539795	0.219077	2.463947	0.015466	0.068693	1
ENSG0000	mucosal h	Inflamed	CTD-3216f	sense_intr	chr20	32869438	32874272	-	586	6.551313	0.121718	0.448948	0.182221	2.463751	0.015474	0.068717	1
ENSG0000	mucosal h	Inflamed	GLYATL1	protein_cc	chr11	58672871	58811000	+	5440	22.79475	0.059666	-0.86113	0.349531	-2.46366	0.015477	0.068721	1
ENSG0000	mucosal h	Inflamed	SPATA31E	protein_cc	chr9	90497741	90503814	+	4478	0.976134	0.792363	0.253097	0.102742	2.463433	0.015487	0.068748	1
ENSG0000	mucosal h	Inflamed	MNX1-AS2	antisense	chr7	1.57E+08	1.57E+08	+	374	2.665871	0.470167	0.37262	0.151264	2.463383	0.015489	0.068748	1
ENSG0000	mucosal h	Inflamed	PARM1	protein_cc	chr4	75858305	75975325	+	5034	18062.02	0	0.49887	0.202525	2.463246	0.015494	0.068761	1
ENSG0000	mucosal h	Inflamed	LINC00265	lincRNA	chr7	39773231	39832691	+	3115	324.3484	0.02148	0.547714	0.222413	2.462592	0.015521	0.068868	1
ENSG0000	mucosal h	Inflamed	KLF9	protein_cc	chr9	72999503	73029540	-	5185	1469.63	0	0.473645	0.192352	2.462383	0.015529	0.068894	1
ENSG0000	mucosal h	Inflamed	ANKRD24	protein_cc	chr19	4183351	4224811	+	4474	62.54893	0.009547	0.432597	0.17569	2.462282	0.015533	0.068901	1
ENSG0000	mucosal h	Inflamed	ZP3	protein_cc	chr7	76026835	76071388	+	2716	115.4248	0	0.407201	0.165388	2.462091	0.015541	0.068923	1
ENSG0000	mucosal h	Inflamed	CSRP1	protein_cc	chr1	2.01E+08	2.01E+08	-	10318	8898.589	0	0.281559	0.114377	2.461668	0.015558	0.068988	1
ENSG0000	mucosal h	Inflamed	MEP1A	protein_cc	chr6	46761127	46807515	+	2892	6999.162	0	0.940797	0.382217	2.461424	0.015568	0.069021	1
ENSG0000	mucosal h	Inflamed	DNAH7	protein_cc	chr2	1.97E+08	1.97E+08	-	21324	44.18138	0	0.588376	0.23906	2.46121	0.015577	0.069048	1
ENSG0000	mucosal h	Inflamed	PRSS45	protein_cc	chr3	46783582	46854048	-	3128	1.899761	0.551313	0.385504	0.156637	2.461133	0.01558	0.06905	1
ENSG0000	mucosal h	Inflamed	RP11-885E	lincRNA	chr12	2870366	2879621	-	550	1.326969	0.658711	0.331548	0.134719	2.461034	0.015584	0.069056	1
ENSG0000	mucosal h	Inflamed	CTD-2010f	pseudoger	chr11	6509416	6510607	-	686	7.684964	0.073986	0.450071	0.182892	2.460859	0.015592	0.069077	1
ENSG0000	mucosal h	Inflamed	ENO1-IT1	sense_intr	chr1	8935847	8938066	-	744	3.46778	0.312649	0.408569	0.166046	2.46058	0.015603	0.069116	1
ENSG0000	mucosal h	Inflamed	HMGN3-A	antisense	chr6	79943435	79946514	+	2946	51.24344	0.00716	0.481825	0.195867	2.459958	0.015628	0.069211	1
ENSG0000	mucosal h	Inflamed	RBM20	protein_cc	chr10	1.12E+08	1.13E+08	+	8162	24.29594	0.040573	0.596337	0.242421	2.459927	0.01563	0.069211	1
ENSG0000	mucosal h	Inflamed	ZNF812	protein_cc	chr19	9800600	9811452	-	2192	4.558473	0.348449	-0.5457	0.221865	-2.4596	0.015643	0.069258	1
ENSG0000	mucosal h	Inflamed	SH3BP5	protein_cc	chr3	15296360	15382875	-	4159	1274.26	0	-0.56796	0.230946	-2.45929	0.015656	0.069291	1
ENSG0000	mucosal h	Inflamed	CYP3A4	protein_cc	chr7	99354604	99381888	-	3120	286.0382	0.090692	1.52242	0.61905	2.459284	0.015656	0.069291	1

ENSG0000	mucosal h	Inflamed	MTMR7	protein_cc	chr8	17155539	17271037	-	5692	3.699284	0.26969	0.468231	0.190397	2.459229	0.015658	0.069291	1
ENSG0000	mucosal h	Inflamed	DLX6-AS1	antisense	chr7	96584453	96643377	-	16633	1.885442	0.706444	0.464915	0.189062	2.459058	0.015665	0.06931	1
ENSG0000	mucosal h	Inflamed	CRABP2	protein_cc	chr1	1.57E+08	1.57E+08	-	1100	132.5131	0.004773	-0.88537	0.36008	-2.45883	0.015675	0.069333	1
ENSG0000	mucosal h	Inflamed	SUGT1P2	pseudoger	chr3	32794402	32795393	+	992	3.558473	0.27685	0.433953	0.17649	2.458804	0.015676	0.069333	1
ENSG0000	mucosal h	Inflamed	MAP3K13	protein_cc	chr3	1.85E+08	1.85E+08	+	12623	1058.191	0	0.352311	0.143329	2.458051	0.015707	0.069455	1
ENSG0000	mucosal h	Inflamed	RNF207	protein_cc	chr1	6265535	6281359	+	6585	715.2029	0	0.631583	0.25695	2.458003	0.015709	0.069455	1
ENSG0000	mucosal h	Inflamed	DNM2	protein_cc	chr19	10828755	10944164	+	13443	23201.78	0	0.302162	0.122968	2.457243	0.01574	0.069582	1
ENSG0000	mucosal h	Inflamed	LRRC16A	protein_cc	chr6	25279306	25620758	+	6881	2246.606	0	0.46374	0.188762	2.456748	0.01576	0.069661	1
ENSG0000	mucosal h	Inflamed	TRAV2	TR_V_gene	chr14	22180544	22181066	+	348	9.28401	0.126492	-0.53074	0.21609	-2.4561	0.015787	0.069767	1
ENSG0000	mucosal h	Inflamed	BEND3	protein_cc	chr6	1.07E+08	1.07E+08	-	6839	479.2649	0	0.352543	0.143543	2.456011	0.015791	0.069772	1
ENSG0000	mucosal h	Inflamed	PDLIM2	protein_cc	chr8	22435792	22455538	+	7671	1067.069	0	0.28675	0.116765	2.455784	0.0158	0.069801	1
ENSG0000	mucosal h	Inflamed	EPHA4	protein_cc	chr2	2.22E+08	2.22E+08	-	7554	451.9523	0.002387	0.546202	0.222438	2.455525	0.015811	0.069837	1
ENSG0000	mucosal h	Inflamed	LSR	protein_cc	chr19	35739233	35758867	+	2916	11609.37	0	0.446189	0.181726	2.45528	0.015821	0.069865	1
ENSG0000	mucosal h	Inflamed	YKT6	protein_cc	chr7	44240567	44253893	+	3707	4735.854	0	-0.13434	0.054716	-2.45524	0.015823	0.069865	1
ENSG0000	mucosal h	Inflamed	RP11-320M	pseudoger	chr14	32953304	32954006	-	703	5.472554	0.439141	0.519769	0.211711	2.455091	0.015829	0.069875	1
ENSG0000	mucosal h	Inflamed	CTD-2377I	lincRNA	chr17	46810453	46811250	+	532	65.10263	0.453461	1.615526	0.658039	2.455061	0.01583	0.069875	1
ENSG0000	mucosal h	Inflamed	RP1-39G2	antisense	chr1	40722099	40723639	-	1541	119.2458	0	0.448083	0.182524	2.454933	0.015836	0.069887	1
ENSG0000	mucosal h	Inflamed	ID2	protein_cc	chr2	8818975	8824583	+	2205	2400.406	0	0.336571	0.137121	2.454563	0.015851	0.069943	1
ENSG0000	mucosal h	Inflamed	RABL2A	protein_cc	chr2	1.14E+08	1.14E+08	+	6008	311.5418	0.004773	0.502581	0.204807	2.453921	0.015877	0.07004	1
ENSG0000	mucosal h	Inflamed	RP11-179E	lincRNA	chr10	60064313	60065381	+	328	1.045346	0.71599	0.300746	0.122558	2.453905	0.015878	0.07004	1
ENSG0000	mucosal h	Inflamed	KRT75	protein_cc	chr12	52817854	52828309	-	2324	1.508353	0.763723	-0.52648	0.214563	-2.45371	0.015886	0.070063	1
ENSG0000	mucosal h	Inflamed	HCG9	lincRNA	chr6	29942889	29946183	+	696	2.625298	0.391408	0.383557	0.156329	2.453517	0.015894	0.07008	1
ENSG0000	mucosal h	Inflamed	CTSG	protein_cc	chr14	25042728	25045466	-	1374	337.9761	0.002387	-0.85757	0.349528	-2.45349	0.015895	0.07008	1
ENSG0000	mucosal h	Inflamed	MRPL15	protein_cc	chr8	55047770	55060461	+	1191	982.6134	0	0.28854	0.117607	2.453429	0.015898	0.07008	1
ENSG0000	mucosal h	Inflamed	C5AR2	protein_cc	chr19	47835404	47846606	+	2826	133.1885	0.002387	-0.68382	0.278755	-2.45312	0.015911	0.070118	1
ENSG0000	mucosal h	Inflamed	CDK14	protein_cc	chr7	90095738	90839905	+	6841	303.8377	0	-0.69792	0.284507	-2.45309	0.015912	0.070118	1
ENSG0000	mucosal h	Inflamed	RP11-950I	antisense	chr18	34823739	34827179	+	411	3.486874	0.317422	0.449606	0.183288	2.453003	0.015916	0.070123	1
ENSG0000	mucosal h	Inflamed	RP11-527L	antisense	chr17	41991801	42000369	-	832	1.484487	0.608592	-0.32876	0.13403	-2.45291	0.01592	0.070126	1
ENSG0000	mucosal h	Inflamed	CASZ1	protein_cc	chr1	10696661	10856707	-	11336	2834.048	0	0.469434	0.191383	2.452855	0.015922	0.070126	1
ENSG0000	mucosal h	Inflamed	SERTAD4	protein_cc	chr1	2.1E+08	2.1E+08	+	5467	222.4869	0	0.596331	0.243134	2.452688	0.015929	0.070145	1
ENSG0000	mucosal h	Inflamed	ABCA11P	pseudoger	chr4	419224	467918	-	2790	24.68258	0.02864	0.63973	0.260856	2.452426	0.01594	0.070182	1
ENSG0000	mucosal h	Inflamed	QPCT	protein_cc	chr2	37571717	37600465	+	2599	348.2434	0	-0.47128	0.192179	-2.45232	0.015944	0.070187	1
ENSG0000	mucosal h	Inflamed	RP11-967K	antisense	chr12	28316231	28343299	-	739	11.50835	0.026253	0.395324	0.161208	2.452268	0.015946	0.070187	1
ENSG0000	mucosal h	Inflamed	LINC0105C	lincRNA	chr13	43384502	43386698	-	760	3.155131	0.622912	-0.70502	0.287541	-2.4519	0.015962	0.070244	1
ENSG0000	mucosal h	Inflamed	TRIM36	protein_cc	chr5	1.14E+08	1.15E+08	-	6113	642.2936	0	0.702535	0.286547	2.45173	0.015969	0.070263	1
ENSG0000	mucosal h	Inflamed	RNF138	protein_cc	chr18	29671818	29711524	+	3795	850.7613	0	0.446729	0.182223	2.451546	0.015976	0.070285	1
ENSG0000	mucosal h	Inflamed	FGD5-AS1	antisense	chr3	14961854	14989931	-	5131	4391.248	0	0.38779	0.158188	2.451455	0.01598	0.07029	1
ENSG0000	mucosal h	Inflamed	RP11-480A	lincRNA	chr3	1.96E+08	1.96E+08	-	3508	117.0215	0.023866	0.745724	0.304219	2.451274	0.015988	0.070311	1
ENSG0000	mucosal h	Inflamed	AP000230	lincRNA	chr21	27543189	27589700	+	2044	4.167064	0.343675	0.398787	0.162696	2.451117	0.015994	0.070325	1
ENSG0000	mucosal h	Inflamed	GSDMD	protein_cc	chr8	1.45E+08	1.45E+08	+	5116	4825.601	0	-0.22756	0.09284	-2.45107	0.015996	0.070325	1

ENSG0000	mucosal h	Inflamed	SH3GL1	protein_cc	chr19	4360367	4400544	-	3685	3259.208	0	-0.26596	0.108514	-2.45088	0.016004	0.070348	1
ENSG0000	mucosal h	Inflamed	CTD-2583	pseudoger	chr19	58379253	58380202	+	936	244.1313	0	0.492394	0.200912	2.450793	0.016008	0.070353	1
ENSG0000	mucosal h	Inflamed	RP11-862L	antisense	chr18	74686646	74696118	+	2478	7.587112	0.057279	0.41447	0.169124	2.450689	0.016012	0.07036	1
ENSG0000	mucosal h	Inflamed	CCDC149	protein_cc	chr4	24807739	24981826	-	9584	691.6372	0	0.269034	0.109817	2.449841	0.016048	0.070504	1
ENSG0000	mucosal h	Inflamed	CCDC58	protein_cc	chr3	1.22E+08	1.22E+08	-	1746	266.4057	0	0.362519	0.147987	2.449663	0.016055	0.070525	1
ENSG0000	mucosal h	Inflamed	RP11-930	sense_intr	chr16	46694608	46695503	-	321	1.637232	0.572792	0.334093	0.136393	2.449487	0.016063	0.070537	1
ENSG0000	mucosal h	Inflamed	CTC-436P1	lincRNA	chr5	60497136	60560756	-	1036	12.93795	0.076372	0.58976	0.24077	2.449471	0.016063	0.070537	1
ENSG0000	mucosal h	Inflamed	CROCCP2	lincRNA	chr1	16944751	16971178	-	4534	1185.621	0	0.422732	0.172589	2.44936	0.016068	0.070546	1
ENSG0000	mucosal h	Inflamed	SORT1	protein_cc	chr1	1.1E+08	1.1E+08	-	8760	6436.804	0	0.423941	0.173104	2.449055	0.016081	0.07059	1
ENSG0000	mucosal h	Inflamed	SLC4A5	protein_cc	chr2	74443369	74570541	-	8009	22.66587	0.047733	0.555177	0.226716	2.448776	0.016093	0.070611	1
ENSG0000	mucosal h	Inflamed	SUDS3	protein_cc	chr12	1.19E+08	1.19E+08	+	5758	2297.857	0	0.403857	0.164926	2.44872	0.016095	0.070611	1
ENSG0000	mucosal h	Inflamed	WEE1	protein_cc	chr11	9595228	9615004	+	9239	872.5943	0	0.428866	0.17514	2.4487	0.016096	0.070611	1
ENSG0000	mucosal h	Inflamed	STK38L	protein_cc	chr12	27396901	27478892	+	6921	1107.473	0	0.465393	0.190058	2.448688	0.016096	0.070611	1
ENSG0000	mucosal h	Inflamed	RPL7P3	pseudoger	chr20	61169878	61170591	+	714	0.937947	0.770883	0.303201	0.123827	2.448578	0.016101	0.07062	1
ENSG0000	mucosal h	Inflamed	PCDH12	protein_cc	chr5	1.41E+08	1.41E+08	-	6818	463.6874	0	-0.53722	0.219426	-2.44829	0.016113	0.070655	1
ENSG0000	mucosal h	Inflamed	HECW2	protein_cc	chr2	1.97E+08	1.97E+08	-	12692	186.5274	0.011933	-0.68323	0.279069	-2.44823	0.016115	0.070655	1
ENSG0000	mucosal h	Inflamed	RP11-326	lincRNA	chr11	327171	330122	+	1277	13.30788	0.138425	-0.72643	0.296723	-2.44819	0.016117	0.070655	1
ENSG0000	mucosal h	Inflamed	FAM159A	protein_cc	chr1	53099016	53135355	+	2508	56.60143	0	-0.66535	0.27186	-2.44739	0.016151	0.070792	1
ENSG0000	mucosal h	Inflamed	IL12RB2	protein_cc	chr1	67773047	67862583	+	4233	70.55131	0.011933	-0.58792	0.240248	-2.44715	0.016161	0.070816	1
ENSG0000	mucosal h	Inflamed	TDGF1	protein_cc	chr3	46616045	46668033	+	5013	86.40811	0.002387	0.564956	0.230865	2.447131	0.016162	0.070816	1
ENSG0000	mucosal h	Inflamed	XYLT1	protein_cc	chr16	17195626	17564738	-	11004	2303.272	0	0.365572	0.149454	2.446045	0.016208	0.071005	1
ENSG0000	mucosal h	Inflamed	SNORD117	snoRNA	chr6	31504151	31504226	-	76	1.594272	0.591885	0.333649	0.136416	2.445826	0.016217	0.071034	1
ENSG0000	mucosal h	Inflamed	AC132872	pseudoger	chr17	80206943	80209703	+	2759	7.422434	0.171838	-0.5762	0.235611	-2.44555	0.016229	0.071074	1
ENSG0000	mucosal h	Inflamed	PRDM4	protein_cc	chr12	1.08E+08	1.08E+08	-	4777	1683.177	0	0.315912	0.129184	2.445442	0.016233	0.071082	1
ENSG0000	mucosal h	Inflamed	RP11-375	lincRNA	chr3	1.34E+08	1.34E+08	-	1946	2.071599	0.508353	0.369187	0.150976	2.44533	0.016238	0.071091	1
ENSG0000	mucosal h	Inflamed	TGOLN2	protein_cc	chr2	85545147	85555548	-	7077	18689.54	0	0.410546	0.167901	2.445167	0.016245	0.071109	1
ENSG0000	mucosal h	Inflamed	GID8	protein_cc	chr20	61569471	61576996	+	1791	1545.186	0	0.158604	0.064886	2.444325	0.016281	0.071254	1
ENSG0000	mucosal h	Inflamed	PDIA5	protein_cc	chr3	1.23E+08	1.23E+08	+	4030	1562.704	0	-0.21411	0.087609	-2.44387	0.0163	0.071327	1
ENSG0000	mucosal h	Inflamed	RABAC1	protein_cc	chr19	42460833	42463542	-	1999	2467.036	0	-0.32256	0.132002	-2.44358	0.016313	0.071365	1
ENSG0000	mucosal h	Inflamed	PRDM8	protein_cc	chr4	81105033	81125483	+	4588	235.4153	0	-0.59361	0.24293	-2.44354	0.016314	0.071365	1
ENSG0000	mucosal h	Inflamed	LIX1L	protein_cc	chr1	1.45E+08	1.46E+08	+	3979	926.5967	0	-0.40185	0.164477	-2.44319	0.016329	0.07141	1
ENSG0000	mucosal h	Inflamed	MPL	protein_cc	chr1	43803478	43818443	+	2128	5.243437	0.136038	0.407627	0.166843	2.443168	0.01633	0.07141	1
ENSG0000	mucosal h	Inflamed	ZNF501	protein_cc	chr3	44771088	44778575	+	3910	70.6253	0.002387	0.441191	0.180607	2.44282	0.016345	0.071448	1
ENSG0000	mucosal h	Inflamed	SURF6	protein_cc	chr9	1.36E+08	1.36E+08	-	2684	1631.418	0	0.259365	0.106176	2.442775	0.016347	0.071448	1
ENSG0000	mucosal h	Inflamed	MIR4477B	miRNA	chr9	68415308	68415388	+	81	5.188544	0.22673	-0.49337	0.201972	-2.44277	0.016347	0.071448	1
ENSG0000	mucosal h	Inflamed	RP13-582	antisense	chr8	1.44E+08	1.44E+08	-	1405	78.01671	0	0.328026	0.134304	2.442417	0.016362	0.071502	1
ENSG0000	mucosal h	Inflamed	G6PC	protein_cc	chr17	41052814	41065386	+	3296	39.03819	0.644391	0.717495	0.293795	2.442163	0.016373	0.071538	1
ENSG0000	mucosal h	Inflamed	RP11-791	lincRNA	chr2	10908001	10910184	-	393	10.25537	0.031026	-0.43753	0.179182	-2.44183	0.016387	0.071579	1
ENSG0000	mucosal h	Inflamed	RP11-798	pseudoger	chr5	1.79E+08	1.79E+08	-	290	19.35322	0.01432	-0.45793	0.187537	-2.44181	0.016388	0.071579	1
ENSG0000	mucosal h	Inflamed	C14orf183	protein_cc	chr14	50550369	50559361	-	975	3.680191	0.264916	0.444389	0.182022	2.441399	0.016406	0.071645	1

ENSG0000	mucosal h	Inflamed	RP11-582J	antisense	chr8	22471421	22474170	-	2750	165.1957	0.011933	0.510459	0.209093	2.441301	0.01641	0.071651	1
ENSG0000	mucosal h	Inflamed	RP11-536C	antisense	chr1	1.6E+08	1.6E+08	+	645	1.921241	0.632458	0.295709	0.121134	2.441167	0.016415	0.071664	1
ENSG0000	mucosal h	Inflamed	MTA3	protein_cc	chr2	42721709	42984087	+	10580	1066.236	0	0.301282	0.123468	2.440163	0.016459	0.07184	1
ENSG0000	mucosal h	Inflamed	AC138783	pseudoger	chr7	74702428	74714647	-	1209	5.224344	0.24821	0.398205	0.163199	2.439999	0.016466	0.071855	1
ENSG0000	mucosal h	Inflamed	RP11-158M	antisense	chr15	86293567	86296132	-	494	4.157518	0.252983	0.423362	0.173512	2.439955	0.016467	0.071855	1
ENSG0000	mucosal h	Inflamed	RN7SK	misc_RNA	chr6	52860418	52860748	+	331	72.59189	0	0.656539	0.269121	2.439566	0.016484	0.071916	1
ENSG0000	mucosal h	Inflamed	CXCR5	protein_cc	chr11	1.19E+08	1.19E+08	+	4431	478.8067	0.002387	-1.04039	0.426551	-2.43906	0.016506	0.071999	1
ENSG0000	mucosal h	Inflamed	HADHB	protein_cc	chr2	26466038	26513336	+	4133	4350.458	0	0.349824	0.143434	2.438925	0.016512	0.072001	1
ENSG0000	mucosal h	Inflamed	SLC16A4	protein_cc	chr1	1.11E+08	1.11E+08	-	3167	152.9045	0.002387	-0.67386	0.276302	-2.43887	0.016514	0.072001	1
ENSG0000	mucosal h	Inflamed	RP11-397E	pseudoger	chr4	87834419	87835970	-	1110	15.54893	0.02148	0.476785	0.195495	2.438861	0.016514	0.072001	1
ENSG0000	mucosal h	Inflamed	AC098614	pseudoger	chr3	27674467	27675211	+	745	38.10979	0.002387	-0.33613	0.137828	-2.4388	0.016517	0.072001	1
ENSG0000	mucosal h	Inflamed	HIST1H3H	protein_cc	chr6	27777842	27778314	+	473	38.63007	0.004773	0.47201	0.193553	2.438668	0.016523	0.072013	1
ENSG0000	mucosal h	Inflamed	CREB5	protein_cc	chr7	28338940	28865511	+	11674	203.4129	0.002387	-0.79708	0.326887	-2.43839	0.016535	0.072053	1
ENSG0000	mucosal h	Inflamed	LRP4	protein_cc	chr11	46878419	46940193	-	8597	2674.031	0	0.68875	0.282514	2.437936	0.016554	0.072127	1
ENSG0000	mucosal h	Inflamed	ZNF471	protein_cc	chr19	57019212	57041590	+	6783	97.179	0.004773	0.597855	0.245243	2.43781	0.01656	0.072139	1
ENSG0000	mucosal h	Inflamed	CTD-2620I	lincRNA	chr19	53510765	53516433	+	4060	0.904535	0.789976	-0.32281	0.132423	-2.43773	0.016563	0.072141	1
ENSG0000	mucosal h	Inflamed	SLC35A3	protein_cc	chr1	1E+08	1E+08	+	6241	3257.64	0	0.628587	0.257873	2.437586	0.016569	0.072157	1
ENSG0000	mucosal h	Inflamed	AF228730.	pseudoger	chr8	7001154	7001363	-	210	1.720764	0.622912	0.42167	0.172995	2.43747	0.016574	0.072166	1
ENSG0000	mucosal h	Inflamed	TRPM2	protein_cc	chr21	45770046	45862964	+	6705	743.1957	0	-0.35217	0.144546	-2.4364	0.016621	0.072354	1
ENSG0000	mucosal h	Inflamed	RP11-355E	antisense	chr2	61698323	61711265	+	1963	71.97613	0	0.314877	0.129242	2.436345	0.016623	0.072354	1
ENSG0000	mucosal h	Inflamed	ZSWIM4	protein_cc	chr19	13906274	13943044	+	4713	567.2315	0	-0.56024	0.229993	-2.43587	0.016643	0.072421	1
ENSG0000	mucosal h	Inflamed	SLC43A2	protein_cc	chr17	1472561	1532180	-	10618	2608.155	0	-0.46465	0.190755	-2.43587	0.016644	0.072421	1
ENSG0000	mucosal h	Inflamed	NPW	protein_cc	chr16	2059927	2070756	+	1193	20.87351	0.004773	0.475167	0.19508	2.435748	0.016649	0.072431	1
ENSG0000	mucosal h	Inflamed	RP11-817C	lincRNA	chr15	75647551	75648087	-	343	16.59427	0.042959	0.530616	0.217865	2.435529	0.016658	0.07246	1
ENSG0000	mucosal h	Inflamed	GPR3	protein_cc	chr1	27719148	27722318	+	2115	15.92124	0.078759	-0.62956	0.258507	-2.43535	0.016666	0.072482	1
ENSG0000	mucosal h	Inflamed	SFI1	protein_cc	chr22	31884674	32014572	+	12038	1365.764	0	0.333164	0.13683	2.434882	0.016687	0.072559	1
ENSG0000	mucosal h	Inflamed	LL22NC03-	sense_intr	chr22	16154073	16154766	-	694	2.264916	0.572792	-0.42414	0.174223	-2.43446	0.016705	0.072615	1
ENSG0000	mucosal h	Inflamed	CTPS2	protein_cc	chrX	16606126	16731059	-	5510	654.5203	0	0.373587	0.153458	2.434454	0.016705	0.072615	1
ENSG0000	mucosal h	Inflamed	PVR	protein_cc	chr19	45147098	45166850	+	3519	2026.158	0	0.305567	0.125523	2.434362	0.016709	0.072618	1
ENSG0000	mucosal h	Inflamed	RP5-1068E	lincRNA	chr1	2.3E+08	2.3E+08	-	478	5.350835	0.100239	0.402703	0.165427	2.434315	0.016711	0.072618	1
ENSG0000	mucosal h	Inflamed	RP11-28B2	pseudoger	chr17	18889461	18889647	-	187	0.797136	0.782816	0.251963	0.103521	2.433938	0.016728	0.072668	1
ENSG0000	mucosal h	Inflamed	UBAC2	protein_cc	chr13	99853028	1E+08	+	4519	2418.136	0	0.164084	0.067415	2.433921	0.016728	0.072668	1
ENSG0000	mucosal h	Inflamed	CALU	protein_cc	chr7	1.28E+08	1.28E+08	+	4537	4321.033	0	-0.46173	0.189727	-2.43363	0.016741	0.072711	1
ENSG0000	mucosal h	Inflamed	PITPNM1	protein_cc	chr11	67259239	67273734	-	6449	6521.141	0	-0.26395	0.108462	-2.43353	0.016746	0.072719	1
ENSG0000	mucosal h	Inflamed	CTD-2089I	lincRNA	chr5	50261521	50262842	-	569	3.742243	0.427208	0.604843	0.248585	2.433147	0.016762	0.072779	1
ENSG0000	mucosal h	Inflamed	TOX3	protein_cc	chr16	52471917	52581714	-	5031	1196.484	0	0.598012	0.245824	2.432683	0.016782	0.072845	1
ENSG0000	mucosal h	Inflamed	RP5-8900:	sense_intr	chr1	1252961	1254069	-	386	73.02864	0.040573	0.631275	0.259499	2.432668	0.016783	0.072845	1
ENSG0000	mucosal h	Inflamed	HLA-U	pseudoger	chr6	29901878	29902063	+	186	11.05251	0.25537	0.562314	0.23116	2.432579	0.016787	0.07285	1
ENSG0000	mucosal h	Inflamed	TM6SF1	protein_cc	chr15	83776159	83813606	+	2674	102.9952	0.002387	-0.44431	0.182735	-2.43147	0.016836	0.073049	1
ENSG0000	mucosal h	Inflamed	RPL21P7	pseudoger	chr14	65733356	65734408	-	483	4.840095	0.21957	-0.41689	0.171468	-2.4313	0.016843	0.073068	1

ENSG0000	mucosal h	Inflamed	MRPS5	protein_cc chr2	95752952	95815179	-	6719	1468.976	0	0.207115	0.085191	2.431176	0.016848	0.07308	1
ENSG0000	mucosal h	Inflamed	PRDM15	protein_cc chr21	43218385	43299591	-	13004	814.6038	0	-0.39113	0.160884	-2.43111	0.016851	0.073081	1
ENSG0000	mucosal h	Inflamed	HSCB	protein_cc chr22	29138019	29153503	+	1462	204.4057	0	-0.27	0.11107	-2.43094	0.016859	0.073102	1
ENSG0000	mucosal h	Inflamed	MCCC1	protein_cc chr3	1.83E+08	1.83E+08	-	4321	766.4845	0	0.323457	0.133098	2.430216	0.01689	0.073227	1
ENSG0000	mucosal h	Inflamed	PLA2G6	protein_cc chr22	38507502	38601697	-	6758	746.0382	0	0.33894	0.139484	2.42996	0.016902	0.073263	1
ENSG0000	mucosal h	Inflamed	RP1-122P2	lincRNA chr20	19738352	19790319	+	1089	39.22912	0.002387	0.332511	0.136843	2.429874	0.016905	0.073268	1
ENSG0000	mucosal h	Inflamed	SMN1	protein_cc chr5	70220768	70249769	+	3186	118.3055	0	0.284961	0.117286	2.429623	0.016916	0.073303	1
ENSG0000	mucosal h	Inflamed	AC104667	protein_cc chr2	2.38E+08	2.39E+08	+	1656	9.002387	0.078759	0.441886	0.181906	2.429197	0.016935	0.073361	1
ENSG0000	mucosal h	Inflamed	NUBPL	protein_cc chr14	31959162	32330430	+	7593	262.4558	0	0.459928	0.189334	2.429192	0.016935	0.073361	1
ENSG0000	mucosal h	Inflamed	MYO15A	protein_cc chr17	18012020	18083116	+	19117	34.86635	0.00716	0.400652	0.164942	2.429053	0.016941	0.073376	1
ENSG0000	mucosal h	Inflamed	ACOT2	protein_cc chr14	74034324	74042357	+	2388	485.1265	0	0.239999	0.098817	2.428731	0.016956	0.073425	1
ENSG0000	mucosal h	Inflamed	RP11-295k	protein_cc chr11	1768897	1780281	-	1136	3.369928	0.293556	0.431607	0.177717	2.428625	0.01696	0.073433	1
ENSG0000	mucosal h	Inflamed	PIP5KL1	protein_cc chr9	1.31E+08	1.31E+08	-	3341	20.29356	0.009547	-0.40167	0.165401	-2.42844	0.016968	0.073456	1
ENSG0000	mucosal h	Inflamed	RP11-6I2.3	lincRNA chr8	74964575	75012088	+	738	2.451074	0.470167	-0.45443	0.187198	-2.42756	0.017007	0.073595	1
ENSG0000	mucosal h	Inflamed	SHC1	protein_cc chr1	1.55E+08	1.55E+08	-	4342	6822.017	0	-0.23928	0.098572	-2.4275	0.01701	0.073595	1
ENSG0000	mucosal h	Inflamed	CTC-444N	antisense chr19	57778588	57791702	-	738	16.47255	0.031026	0.470841	0.193963	2.427472	0.017011	0.073595	1
ENSG0000	mucosal h	Inflamed	COX15	protein_cc chr10	1.01E+08	1.01E+08	-	4177	1508.525	0	0.277309	0.114238	2.427462	0.017012	0.073595	1
ENSG0000	mucosal h	Inflamed	ALDH7A1P	pseudoger chr5	76586093	76587625	+	1533	3.069212	0.28401	0.327991	0.135123	2.427359	0.017016	0.073602	1
ENSG0000	mucosal h	Inflamed	RP11-577f	pseudoger chr7	1.02E+08	1.02E+08	+	794	5.338902	0.136038	0.41117	0.169404	2.42715	0.017025	0.07362	1
ENSG0000	mucosal h	Inflamed	KB-1507C	sense_intr chr8	1.04E+08	1.04E+08	+	533	1.704057	0.527446	0.335843	0.13837	2.427142	0.017026	0.07362	1
ENSG0000	mucosal h	Inflamed	ZNF701	protein_cc chr19	53059075	53090427	+	6294	284.8091	0	0.52448	0.2161	2.427019	0.017031	0.073631	1
ENSG0000	mucosal h	Inflamed	PLA2G4C	protein_cc chr19	48551100	48614074	-	6613	287.6921	0	-0.4162	0.171521	-2.42653	0.017053	0.073702	1
ENSG0000	mucosal h	Inflamed	AC135178	protein_cc chr17	8261731	8263538	-	1808	61.1432	0.01432	0.61996	0.255493	2.42652	0.017053	0.073702	1
ENSG0000	mucosal h	Inflamed	RP11-432l	antisense chr16	71657611	71660719	-	465	9.522673	0.100239	0.503056	0.20736	2.426003	0.017076	0.073789	1
ENSG0000	mucosal h	Inflamed	SERPINA1C	protein_cc chr14	94749650	94759608	-	2614	5.443914	0.257757	0.512771	0.211387	2.425743	0.017088	0.073827	1
ENSG0000	mucosal h	Inflamed	C7orf43	protein_cc chr7	99752043	99756338	-	3255	1771.229	0	0.258638	0.10666	2.424893	0.017126	0.073978	1
ENSG0000	mucosal h	Inflamed	RP11-888l	lincRNA chr18	9315192	9334439	-	466	6.310263	0.138425	-0.43329	0.178697	-2.42473	0.017133	0.073997	1
ENSG0000	mucosal h	Inflamed	ARX	protein_cc chrX	25021811	25034065	-	2876	40	0.01432	0.615587	0.253898	2.424548	0.017141	0.074009	1
ENSG0000	mucosal h	Inflamed	CTA-445C	lincRNA chr22	26917949	26921002	-	3054	195.3842	0	-0.43185	0.178115	-2.42454	0.017141	0.074009	1
ENSG0000	mucosal h	Inflamed	SLC25A15f	pseudoger chr13	25517713	25518636	+	290	2.097852	0.696897	0.324162	0.133708	2.424398	0.017148	0.074024	1
ENSG0000	mucosal h	Inflamed	AARSD1	protein_cc chr17	41102543	41116515	-	3704	138.9881	0	0.42511	0.175381	2.423924	0.017169	0.074092	1
ENSG0000	mucosal h	Inflamed	CAAP1	protein_cc chr9	26840683	26892802	-	3014	776.9045	0	0.39627	0.163488	2.42385	0.017172	0.074092	1
ENSG0000	mucosal h	Inflamed	GRIK4	protein_cc chr11	1.2E+08	1.21E+08	+	7421	31.81623	0.011933	-0.53566	0.220997	-2.42382	0.017173	0.074092	1
ENSG0000	mucosal h	Inflamed	CYTH3	protein_cc chr7	6201407	6312275	-	5805	1366.702	0	0.325427	0.134267	2.423738	0.017177	0.074092	1
ENSG0000	mucosal h	Inflamed	RASL12	protein_cc chr15	65345679	65369028	-	2798	598.0955	0	-0.45221	0.186578	-2.42369	0.017179	0.074092	1
ENSG0000	mucosal h	Inflamed	RP11-519C	antisense chr15	45740625	45805965	+	3886	122.4129	0.004773	0.545484	0.225066	2.423665	0.01718	0.074092	1
ENSG0000	mucosal h	Inflamed	BCS1L	protein_cc chr2	2.2E+08	2.2E+08	+	3379	776.685	0	0.239783	0.098958	2.42308	0.017206	0.074189	1
ENSG0000	mucosal h	Inflamed	AC007228	lincRNA chr19	57183942	57185269	-	1328	44.68258	0.011933	0.291311	0.120225	2.423038	0.017208	0.074189	1
ENSG0000	mucosal h	Inflamed	PLCL2	protein_cc chr3	16844159	17132086	+	5152	724.4057	0	0.406677	0.167862	2.422682	0.017224	0.074234	1
ENSG0000	mucosal h	Inflamed	RN7SKP11	misc_RNA chr6	47683019	47683337	+	319	1.813842	0.579952	0.413915	0.170851	2.422675	0.017224	0.074234	1

ENSG0000	mucosal h	Inflamed	HCG14	antisense	chr6	28864307	28865099	+	413	0.842482	0.785203	0.27002	0.11146	2.422573	0.017229	0.074242	1
ENSG0000	mucosal h	Inflamed	BAIAP2L2	protein_cc	chr22	38480896	38506677	-	2194	3010.177	0	0.557773	0.230288	2.422066	0.017252	0.074327	1
ENSG0000	mucosal h	Inflamed	CCDC153	protein_cc	chr11	1.19E+08	1.19E+08	-	2556	46.19809	0	0.297958	0.123034	2.421758	0.017265	0.074374	1
ENSG0000	mucosal h	Inflamed	USP3-AS1	antisense	chr15	63836446	63893788	-	3581	27.24105	0	0.43855	0.181106	2.421508	0.017277	0.07441	1
ENSG0000	mucosal h	Inflamed	OASL	protein_cc	chr12	1.21E+08	1.21E+08	-	2336	1165.341	0	-0.48408	0.199917	-2.42141	0.017281	0.074417	1
ENSG0000	mucosal h	Inflamed	CS	protein_cc	chr12	56665483	56694176	-	6402	9961.675	0	0.27343	0.112935	2.421129	0.017294	0.074459	1
ENSG0000	mucosal h	Inflamed	RP11-335L	lincRNA	chr4	1.84E+08	1.84E+08	-	634	0.966587	0.732697	0.280506	0.115873	2.420799	0.017308	0.074492	1
ENSG0000	mucosal h	Inflamed	STT3A	protein_cc	chr11	1.25E+08	1.25E+08	+	7345	5767.124	0	-0.35971	0.148591	-2.42079	0.017309	0.074492	1
ENSG0000	mucosal h	Inflamed	TGFB3	protein_cc	chr14	76424442	76449334	-	4914	514.864	0	-0.66555	0.274933	-2.42077	0.01731	0.074492	1
ENSG0000	mucosal h	Inflamed	MGARP	protein_cc	chr4	1.4E+08	1.4E+08	-	1339	2.51074	0.381862	0.361885	0.149501	2.420629	0.017316	0.074507	1
ENSG0000	mucosal h	Inflamed	CALCOCO2	protein_cc	chr17	46908350	46943884	+	8333	4069.527	0	0.343931	0.142098	2.420385	0.017327	0.074542	1
ENSG0000	mucosal h	Inflamed	GOLIM4	protein_cc	chr3	1.68E+08	1.68E+08	-	4647	4049.654	0	0.534534	0.22089	2.419914	0.017348	0.074609	1
ENSG0000	mucosal h	Inflamed	TTY14	lincRNA	chrY	21034387	21239302	-	3140	51.27208	0.408115	0.327796	0.135458	2.419912	0.017348	0.074609	1
ENSG0000	mucosal h	Inflamed	AC007381	lincRNA	chr2	60577730	60580151	-	2005	2.424821	0.589499	-0.43814	0.18107	-2.41974	0.017356	0.074631	1
ENSG0000	mucosal h	Inflamed	UQCRC2	protein_cc	chr16	21963981	21994981	+	4992	6792.983	0	0.375931	0.155377	2.419471	0.017368	0.07467	1
ENSG0000	mucosal h	Inflamed	PLD1	protein_cc	chr3	1.71E+08	1.72E+08	-	9953	1715.186	0	0.451127	0.186525	2.418586	0.017408	0.074829	1
ENSG0000	mucosal h	Inflamed	RP11-498E	sense_intr	chr9	1.25E+08	1.25E+08	+	221	11.42243	0.057279	-0.45712	0.189027	-2.41827	0.017422	0.074878	1
ENSG0000	mucosal h	Inflamed	RNASE4	protein_cc	chr14	21152259	21168761	+	2104	3.460621	0.257757	0.375902	0.155453	2.418108	0.01743	0.074897	1
ENSG0000	mucosal h	Inflamed	LINC00322	lincRNA	chr21	44742297	44751919	-	699	0.849642	0.782816	-0.34827	0.144036	-2.41793	0.017438	0.074909	1
ENSG0000	mucosal h	Inflamed	AFAP1L1	protein_cc	chr5	1.49E+08	1.49E+08	+	4721	350.3031	0	-0.51294	0.21214	-2.41792	0.017438	0.074909	1
ENSG0000	mucosal h	Inflamed	P2RX1	protein_cc	chr17	3799886	3819794	-	3970	737.7136	0	-0.5342	0.220956	-2.41768	0.017449	0.074943	1
ENSG0000	mucosal h	Inflamed	ANKRD26F	pseudoger	chr16	46503253	46603009	-	6411	1.675418	0.701671	-0.51797	0.214264	-2.41746	0.017459	0.074975	1
ENSG0000	mucosal h	Inflamed	RP11-488C	pseudoger	chr14	77352720	77353093	-	374	6.470167	0.088305	0.408675	0.169077	2.417099	0.017475	0.075032	1
ENSG0000	mucosal h	Inflamed	RP11-378J	antisense	chr1	2.23E+08	2.23E+08	-	2646	11.26253	0.085919	-0.53647	0.221974	-2.41681	0.017488	0.075076	1
ENSG0000	mucosal h	Inflamed	ARHGEF38	protein_cc	chr4	1.06E+08	1.07E+08	+	7579	276.5465	0.004773	0.738811	0.305721	2.416614	0.017497	0.07509	1
ENSG0000	mucosal h	Inflamed	RP13-122E	sense_ove	chr9	1.4E+08	1.4E+08	-	1854	106.4344	0	0.403042	0.16678	2.416612	0.017497	0.07509	1
ENSG0000	mucosal h	Inflamed	RP11-229F	processed_ch	chr9	1.4E+08	1.4E+08	+	686	3.095465	0.470167	-0.50001	0.206912	-2.41652	0.017501	0.07509	1
ENSG0000	mucosal h	Inflamed	CRYZL1	protein_cc	chr21	34961647	35016232	-	6177	442.5776	0	0.420945	0.174197	2.416485	0.017503	0.07509	1
ENSG0000	mucosal h	Inflamed	RN7SL800I	misc_RNA	chr17	60083100	60083348	-	249	1.680191	0.556086	0.322232	0.133364	2.41618	0.017517	0.075137	1
ENSG0000	mucosal h	Inflamed	RP11-983F	antisense	chr12	53408380	53448222	-	4990	145.5847	0	0.366576	0.151726	2.416043	0.017523	0.075152	1
ENSG0000	mucosal h	Inflamed	SATB1	protein_cc	chr3	18386879	18487080	-	13405	1506.136	0	0.456608	0.188999	2.415934	0.017528	0.075161	1
ENSG0000	mucosal h	Inflamed	MIER3	protein_cc	chr5	56215429	56267502	-	5763	2505.458	0	0.783712	0.324521	2.414985	0.017571	0.07532	1
ENSG0000	mucosal h	Inflamed	RP3-395M	antisense	chr1	2512999	2515972	+	626	86.15274	0	0.364854	0.151081	2.414951	0.017573	0.07532	1
ENSG0000	mucosal h	Inflamed	RP11-576I	lincRNA	chr1	2.05E+08	2.05E+08	+	2885	1.183771	0.711217	-0.33002	0.13666	-2.41489	0.017575	0.07532	1
ENSG0000	mucosal h	Inflamed	CD164	protein_cc	chr6	1.1E+08	1.1E+08	-	6944	14310.18	0	0.442524	0.18325	2.414864	0.017577	0.07532	1
ENSG0000	mucosal h	Inflamed	SUOX	protein_cc	chr12	56390964	56400425	+	5008	1086.804	0	0.254997	0.105608	2.41456	0.01759	0.075367	1
ENSG0000	mucosal h	Inflamed	LINC0093E	lincRNA	chr12	46119510	46121558	-	2049	342.926	0	0.342169	0.141719	2.414418	0.017597	0.075382	1
ENSG0000	mucosal h	Inflamed	RP11-420A	lincRNA	chr4	1.29E+08	1.29E+08	+	3283	31.4821	0.02148	0.658693	0.272854	2.414083	0.017612	0.075435	1
ENSG0000	mucosal h	Inflamed	STK38	protein_cc	chr6	36461669	36515247	-	3576	3814.532	0	0.381402	0.157996	2.414007	0.017616	0.075438	1
ENSG0000	mucosal h	Inflamed	C6orf106	protein_cc	chr6	34555065	34664636	-	4551	6725.661	0	-0.1819	0.075361	-2.41376	0.017627	0.075474	1

ENSG0000	mucosal h	Inflamed	TRGC1	TR_C_gene	chr7	38297480	38305279	-	2730	50.76372	0.004773	-0.55843	0.231367	-2.41362	0.017633	0.075489	1
ENSG0000	mucosal h	Inflamed	RP11-283C	antisense	chr12	26278088	26279550	-	826	52.00477	0.026253	0.531973	0.220462	2.412989	0.017662	0.0756	1
ENSG0000	mucosal h	Inflamed	OXT	protein_cc	chr20	3052266	3053163	+	513	2.904535	0.400955	-0.43507	0.180316	-2.41283	0.017669	0.075618	1
ENSG0000	mucosal h	Inflamed	RN7SL125I	misc_RNA	chr17	46842918	46843209	-	292	2.529833	0.491647	0.432485	0.179265	2.412549	0.017682	0.075662	1
ENSG0000	mucosal h	Inflamed	RP1-309F2	processed	chr20	57438583	57463864	-	1521	10.29356	0.045346	0.469118	0.194503	2.411875	0.017713	0.075781	1
ENSG0000	mucosal h	Inflamed	RP11-350M	antisense	chr8	38265566	38266260	-	695	5.718377	0.183771	0.523489	0.217064	2.411684	0.017722	0.075806	1
ENSG0000	mucosal h	Inflamed	VAPB	protein_cc	chr20	56964178	57026157	+	10585	3006.224	0	0.27922	0.115788	2.411477	0.017731	0.075835	1
ENSG0000	mucosal h	Inflamed	USP7	protein_cc	chr16	8985951	9058371	-	7969	5279.294	0	0.412886	0.171227	2.411333	0.017738	0.075851	1
ENSG0000	mucosal h	Inflamed	RP11-977C	antisense	chr12	56702652	56703233	+	437	1.119332	0.701671	0.27609	0.114512	2.411019	0.017752	0.0759	1
ENSG0000	mucosal h	Inflamed	CHL1	protein_cc	chr3	238279	451090	+	11845	406.0644	0.002387	-0.68353	0.283516	-2.4109	0.017758	0.075903	1
ENSG0000	mucosal h	Inflamed	UTF1	protein_cc	chr10	1.35E+08	1.35E+08	+	1157	1.081146	0.754177	-0.34176	0.141758	-2.41088	0.017759	0.075903	1
ENSG0000	mucosal h	Inflamed	PLA2R1	protein_cc	chr2	1.61E+08	1.61E+08	-	9803	351.2792	0.002387	0.510152	0.21161	2.410811	0.017762	0.075903	1
ENSG0000	mucosal h	Inflamed	RP11-488L	pseudoger	chr1	2.47E+08	2.47E+08	+	270	2.102625	0.498807	0.37877	0.157117	2.41075	0.017765	0.075903	1
ENSG0000	mucosal h	Inflamed	FAM219A	protein_cc	chr9	34398182	34458568	-	3782	850.1862	0	-0.34105	0.141505	-2.41017	0.017791	0.076005	1
ENSG0000	mucosal h	Inflamed	KB-1184D	lincRNA	chr8	95109992	95116550	-	668	2.147971	0.501193	0.360386	0.149537	2.410004	0.017799	0.076025	1
ENSG0000	mucosal h	Inflamed	SYDE2	protein_cc	chr1	85622556	85666729	-	6451	118.9427	0.004773	0.632562	0.262507	2.409696	0.017813	0.076073	1
ENSG0000	mucosal h	Inflamed	ZSWIM6	protein_cc	chr5	60628100	60841997	+	5501	1550.024	0	0.438709	0.182077	2.40947	0.017824	0.076085	1
ENSG0000	mucosal h	Inflamed	RP11-340F	sense_ove	chr12	1.22E+08	1.22E+08	+	477	27.10501	0.019093	-0.56158	0.233072	-2.40947	0.017824	0.076085	1
ENSG0000	mucosal h	Inflamed	INE1	sense_intr	chrX	47064320	47065264	+	945	99.97613	0.031026	0.70145	0.291124	2.40945	0.017824	0.076085	1
ENSG0000	mucosal h	Inflamed	CA10	protein_cc	chr17	49707674	50237377	-	4450	7.403341	0.24105	0.521451	0.21646	2.408998	0.017845	0.076161	1
ENSG0000	mucosal h	Inflamed	B3GNT6	protein_cc	chr11	76745385	76753096	+	2762	3343.874	0	0.77991	0.323773	2.408817	0.017854	0.076184	1
ENSG0000	mucosal h	Inflamed	CLCN4	protein_cc	chrX	10125024	10205700	+	6750	212.6348	0	-0.46483	0.192976	-2.40872	0.017858	0.07619	1
ENSG0000	mucosal h	Inflamed	DISP2	protein_cc	chr15	40650436	40663257	+	5171	827.5561	0	0.593585	0.246454	2.408497	0.017868	0.076218	1
ENSG0000	mucosal h	Inflamed	IL36B	protein_cc	chr2	1.14E+08	1.14E+08	-	1869	1.069212	0.785203	-0.40021	0.166169	-2.40846	0.01787	0.076218	1
ENSG0000	mucosal h	Inflamed	FBXW4	protein_cc	chr10	1.03E+08	1.03E+08	-	5036	1877.523	0	0.215833	0.089621	2.408298	0.017878	0.076237	1
ENSG0000	mucosal h	Inflamed	BPNT1	protein_cc	chr1	2.2E+08	2.2E+08	-	3115	1526.05	0	0.35175	0.146074	2.408021	0.01789	0.076267	1
ENSG0000	mucosal h	Inflamed	ASTE1	protein_cc	chr3	1.31E+08	1.31E+08	-	3427	336.8831	0	0.371279	0.154184	2.40802	0.01789	0.076267	1
ENSG0000	mucosal h	Inflamed	RP3-325F2	antisense	chr6	1.37E+08	1.37E+08	+	1894	73.60143	0.002387	0.516256	0.214451	2.407343	0.017922	0.076388	1
ENSG0000	mucosal h	Inflamed	FRMD6-AS	lincRNA	chr14	51921230	52066670	-	917	1.448687	0.673031	0.487405	0.202486	2.407102	0.017933	0.076423	1
ENSG0000	mucosal h	Inflamed	KB-1471A	lincRNA	chr8	1.21E+08	1.21E+08	-	1945	1.331742	0.658711	0.31673	0.131594	2.406881	0.017943	0.076455	1
ENSG0000	mucosal h	Inflamed	RDH8	protein_cc	chr19	10123925	10132955	+	2001	3.553699	0.568019	-0.68724	0.285551	-2.4067	0.017951	0.076478	1
ENSG0000	mucosal h	Inflamed	LINC01003	lincRNA	chr7	1.52E+08	1.52E+08	+	1764	160.6945	0	0.311824	0.129569	2.406613	0.017956	0.076483	1
ENSG0000	mucosal h	Inflamed	CCBL1	protein_cc	chr9	1.32E+08	1.32E+08	-	3602	123.4415	0	-0.29882	0.124178	-2.40638	0.017966	0.076516	1
ENSG0000	mucosal h	Inflamed	TYSND1	protein_cc	chr10	71897737	71906432	-	4597	1079.425	0	0.232808	0.096761	2.406021	0.017983	0.076575	1
ENSG0000	mucosal h	Inflamed	SPCS1	protein_cc	chr3	52738971	52742182	+	2344	3945.265	0	-0.27697	0.115122	-2.40592	0.017988	0.076582	1
ENSG0000	mucosal h	Inflamed	NPIP3	protein_cc	chr16	21413558	21459888	-	5591	480.864	0.002387	0.580169	0.241156	2.405779	0.017994	0.076598	1
ENSG0000	mucosal h	Inflamed	NAALADL2	protein_cc	chr3	1.74E+08	1.76E+08	+	8680	153.8974	0	0.501744	0.20857	2.405643	0.018001	0.076613	1
ENSG0000	mucosal h	Inflamed	NDUFA3P2	pseudoger	chr15	90929046	90929295	+	250	2.085919	0.486874	0.329738	0.13708	2.405444	0.01801	0.07664	1
ENSG0000	mucosal h	Inflamed	MAP3K14-	antisense	chr17	43325292	43345997	+	3775	104.7995	0.004773	0.40196	0.16712	2.405215	0.01802	0.076672	1
ENSG0000	mucosal h	Inflamed	ITGA8	protein_cc	chr10	15555948	15762124	-	7528	905.864	0	-0.5354	0.222629	-2.40488	0.018036	0.076726	1

ENSG0000	mucosal h	Inflamed	BDKRB1	protein_cc	chr14	96722161	96735304	+	2755	123.6945	0	0.456774	0.189945	2.40477	0.018041	0.076736	1
ENSG0000	mucosal h	Inflamed	GUK1	protein_cc	chr1	2.28E+08	2.28E+08	+	4725	4765.926	0	-0.28531	0.118665	-2.40432	0.018062	0.076813	1
ENSG0000	mucosal h	Inflamed	MIR143	miRNA	chr5	1.49E+08	1.49E+08	+	106	7.112172	0.190931	0.614961	0.255794	2.404125	0.018071	0.076839	1
ENSG0000	mucosal h	Inflamed	C14orf144	protein_cc	chr14	1.05E+08	1.05E+08	+	1624	15.89499	0.062053	0.498556	0.207419	2.403616	0.018095	0.076927	1
ENSG0000	mucosal h	Inflamed	GAB1	protein_cc	chr4	1.44E+08	1.44E+08	+	10119	1225.943	0	0.461359	0.191955	2.403473	0.018102	0.076934	1
ENSG0000	mucosal h	Inflamed	RP11-439L	antisense	chr6	1.43E+08	1.43E+08	-	2484	1.181384	0.696897	-0.3253	0.135347	-2.40346	0.018102	0.076934	1
ENSG0000	mucosal h	Inflamed	PKP2	protein_cc	chr12	32943679	33049774	-	6069	7225.189	0	0.700271	0.291444	2.402764	0.018135	0.077049	1
ENSG0000	mucosal h	Inflamed	LMOD3	protein_cc	chr3	69156023	69172183	-	4276	3.434368	0.408115	-0.44236	0.18411	-2.4027	0.018138	0.077049	1
ENSG0000	mucosal h	Inflamed	HMG2P4	pseudoger	chr15	45803334	45878488	+	3091	209.3198	0	0.515788	0.214673	2.402664	0.01814	0.077049	1
ENSG0000	mucosal h	Inflamed	STAG3L2	pseudoger	chr7	74112305	74306731	-	2252	253.6396	0.009547	0.515937	0.214739	2.402627	0.018141	0.077049	1
ENSG0000	mucosal h	Inflamed	NPIPP1	pseudoger	chr16	15198178	15225458	-	3586	142.9165	0	0.347403	0.144619	2.402204	0.018161	0.077121	1
ENSG0000	mucosal h	Inflamed	TMPRSS4	protein_cc	chr11	1.18E+08	1.18E+08	+	9922	10408.47	0	0.612707	0.25507	2.402112	0.018165	0.077127	1
ENSG0000	mucosal h	Inflamed	RP11-196C	lincRNA	chr16	31054471	31061201	+	461	10.66348	0.078759	0.473659	0.197219	2.401684	0.018185	0.077194	1
ENSG0000	mucosal h	Inflamed	KIF16B	protein_cc	chr20	16252749	16554078	-	6278	1781.702	0	0.536226	0.223274	2.401647	0.018187	0.077194	1
ENSG0000	mucosal h	Inflamed	AMZ1	protein_cc	chr7	2719156	2815134	+	7011	17.90215	0.081146	-0.77244	0.321676	-2.40129	0.018204	0.077244	1
ENSG0000	mucosal h	Inflamed	NDN	protein_cc	chr15	23930565	23932450	-	1886	674.7279	0	-0.49911	0.207854	-2.40127	0.018205	0.077244	1
ENSG0000	mucosal h	Inflamed	hsa-mir-45	miRNA	chr14	1.06E+08	1.06E+08	-	70	59.73508	0.040573	-0.85162	0.354663	-2.4012	0.018208	0.077246	1
ENSG0000	mucosal h	Inflamed	FANCC	protein_cc	chr9	97861336	98079991	-	7089	591.8544	0	0.250607	0.104389	2.400708	0.018231	0.077323	1
ENSG0000	mucosal h	Inflamed	ABCC1	protein_cc	chr16	16043434	16236931	+	7575	3431.601	0	-0.36586	0.152397	-2.40069	0.018232	0.077323	1
ENSG0000	mucosal h	Inflamed	AVL9	protein_cc	chr7	32535038	33078516	+	14928	2851.263	0	0.438875	0.182822	2.400568	0.018238	0.077334	1
ENSG0000	mucosal h	Inflamed	KIAA0355	protein_cc	chr19	34745442	34846491	+	7459	1606.473	0	0.425942	0.177454	2.400297	0.018251	0.077361	1
ENSG0000	mucosal h	Inflamed	RP11-480C	lincRNA	chr1	1.6E+08	1.6E+08	+	1266	605.3723	0.004773	0.737038	0.307064	2.400278	0.018251	0.077361	1
ENSG0000	mucosal h	Inflamed	FAM110B	protein_cc	chr8	58907068	59116838	+	4943	160.4057	0.00716	-0.5864	0.24431	-2.40024	0.018253	0.077361	1
ENSG0000	mucosal h	Inflamed	AF127936	lincRNA	chr21	16134031	16135411	-	695	19.47255	0.023866	-0.57539	0.239728	-2.40016	0.018257	0.077361	1
ENSG0000	mucosal h	Inflamed	C15orf40	protein_cc	chr15	83657193	83680393	-	4323	327.7876	0	0.255143	0.106304	2.400122	0.018259	0.077361	1
ENSG0000	mucosal h	Inflamed	NLRP3	protein_cc	chr1	2.48E+08	2.48E+08	+	4757	287.7518	0	-0.6356	0.264893	-2.39947	0.01829	0.077462	1
ENSG0000	mucosal h	Inflamed	RP11-572C	lincRNA	chr3	48709888	48710166	+	279	1.031026	0.73747	0.276283	0.115148	2.39937	0.018294	0.077462	1
ENSG0000	mucosal h	Inflamed	GCOM1	protein_cc	chr15	57884106	58006943	+	7597	42.33174	0.031026	0.639082	0.266355	2.399361	0.018295	0.077462	1
ENSG0000	mucosal h	Inflamed	NUS1P3	pseudoger	chr13	24902349	24903210	+	862	4.183771	0.391408	0.502208	0.209313	2.399318	0.018297	0.077462	1
ENSG0000	mucosal h	Inflamed	MOB3A	protein_cc	chr19	2071037	2096672	-	4149	3882.749	0	-0.33035	0.137689	-2.39924	0.0183	0.077462	1
ENSG0000	mucosal h	Inflamed	RP5-1112C	lincRNA	chr6	1.12E+08	1.12E+08	+	1385	12.43198	0.069212	0.520705	0.217029	2.399239	0.0183	0.077462	1
ENSG0000	mucosal h	Inflamed	RP11-175E	pseudoger	chr1	2.02E+08	2.02E+08	+	1562	0.892601	0.78043	0.286737	0.119518	2.399104	0.018307	0.077477	1
ENSG0000	mucosal h	Inflamed	RP11-195E	lincRNA	chr5	70328995	70330227	-	707	23.38425	0.205251	0.578779	0.241254	2.399038	0.01831	0.077477	1
ENSG0000	mucosal h	Inflamed	SCNN1D	protein_cc	chr1	1215816	1227409	+	4025	127.2387	0	-0.50659	0.211171	-2.39894	0.018314	0.077484	1
ENSG0000	mucosal h	Inflamed	Y_RNA	misc_RNA	chr12	1.02E+08	1.02E+08	+	111	1.124105	0.727924	0.291703	0.121619	2.398501	0.018335	0.077553	1
ENSG0000	mucosal h	Inflamed	LINC00862	lincRNA	chr1	2E+08	2E+08	-	1757	2.863962	0.403341	-0.46361	0.193292	-2.39847	0.018337	0.077553	1
ENSG0000	mucosal h	Inflamed	RP11-673E	pseudoger	chr4	1.45E+08	1.45E+08	-	540	9.505967	0.062053	-0.45143	0.188226	-2.39836	0.018342	0.077554	1
ENSG0000	mucosal h	Inflamed	ACVR2A	protein_cc	chr2	1.49E+08	1.49E+08	+	6768	458.4415	0	0.53986	0.225097	2.398341	0.018343	0.077554	1
ENSG0000	mucosal h	Inflamed	DBN1	protein_cc	chr5	1.77E+08	1.77E+08	-	5119	1322.298	0	-0.52829	0.220294	-2.39813	0.018353	0.077584	1
ENSG0000	mucosal h	Inflamed	RP3-523C2	lincRNA	chr6	1.32E+08	1.32E+08	+	746	3.902148	0.229117	0.442946	0.184736	2.397728	0.018372	0.077652	1

ENSG0000	mucosal h	Inflamed	LEKR1	protein_cc chr3	1.57E+08	1.57E+08	+	5581	13.09308	0.023866	0.428634	0.17878	2.397552	0.01838	0.077663	1
ENSG0000	mucosal h	Inflamed	PRAC1	protein_cc chr17	46799084	46799884	-	383	400.2506	0.186158	1.319199	0.550234	2.397524	0.018381	0.077663	1
ENSG0000	mucosal h	Inflamed	TNFAIP8	protein_cc chr5	1.19E+08	1.19E+08	+	9591	859.2721	0	-0.46357	0.193358	-2.39749	0.018383	0.077663	1
ENSG0000	mucosal h	Inflamed	SECISBP2	protein_cc chr9	91933421	91974557	+	9793	2192.167	0	0.372589	0.155416	2.397374	0.018389	0.077673	1
ENSG0000	mucosal h	Inflamed	ZDHHC22	protein_cc chr14	77597613	77609077	-	3862	1.906921	0.601432	0.449582	0.187617	2.39628	0.01844	0.077879	1
ENSG0000	mucosal h	Inflamed	RP11-632F	pseudoger chr4	40788127	40788727	+	601	7.24105	0.100239	0.480267	0.200432	2.396157	0.018446	0.077892	1
ENSG0000	mucosal h	Inflamed	OAS3	protein_cc chr12	1.13E+08	1.13E+08	+	8251	4606.554	0	-0.40825	0.170382	-2.39609	0.01845	0.077893	1
ENSG0000	mucosal h	Inflamed	LAMA5	protein_cc chr20	60883011	60942368	-	14705	3833.451	0	-0.57264	0.239058	-2.39541	0.018482	0.078004	1
ENSG0000	mucosal h	Inflamed	RP11-86H	lincRNA chr1	95086707	95089740	-	2272	61.39857	0.004773	0.377383	0.157544	2.39541	0.018482	0.078004	1
ENSG0000	mucosal h	Inflamed	OLFM4	protein_cc chr13	53602894	53626192	+	2897	69595.18	0	-0.98811	0.412524	-2.39527	0.018488	0.078014	1
ENSG0000	mucosal h	Inflamed	ACYP1	protein_cc chr14	75519924	75536186	-	1841	189.9976	0	0.449063	0.187482	2.395234	0.01849	0.078014	1
ENSG0000	mucosal h	Inflamed	SCMH1	protein_cc chr1	41492872	41707826	-	4447	1643.635	0	0.168588	0.07039	2.395052	0.018499	0.078038	1
ENSG0000	mucosal h	Inflamed	RNASEK-C	protein_cc chr17	6915954	6920839	+	1947	39.93556	0	-0.32888	0.137339	-2.39464	0.018519	0.078109	1
ENSG0000	mucosal h	Inflamed	MUCL1	protein_cc chr12	55224303	55252177	+	1250	6.451074	0.610979	-0.90994	0.380017	-2.39448	0.018526	0.078129	1
ENSG0000	mucosal h	Inflamed	PROM1	protein_cc chr4	15964699	16086001	-	7465	2961.778	0	0.69659	0.290954	2.394162	0.018541	0.07818	1
ENSG0000	mucosal h	Inflamed	KLHL32	protein_cc chr6	97372605	97588630	+	3777	40.72792	0.016706	0.644986	0.269461	2.393618	0.018567	0.078277	1
ENSG0000	mucosal h	Inflamed	DGCR2	protein_cc chr22	19023795	19109967	-	5596	7256.582	0	0.320416	0.133891	2.393108	0.018592	0.078367	1
ENSG0000	mucosal h	Inflamed	AC097467	antisense chr4	1.56E+08	1.56E+08	+	4801	7.928401	0.477327	-0.82657	0.345406	-2.39303	0.018595	0.078368	1
ENSG0000	mucosal h	Inflamed	SNED1	protein_cc chr2	2.42E+08	2.42E+08	+	13592	1636.48	0	-0.55748	0.232963	-2.39298	0.018598	0.078368	1
ENSG0000	mucosal h	Inflamed	SNORD12	snoRNA chr20	47897220	47897309	+	90	7.446301	0.150358	0.539857	0.225625	2.392717	0.01861	0.078408	1
ENSG0000	mucosal h	Inflamed	TESPA1	protein_cc chr12	55341802	55378530	-	5025	252.1122	0	-0.5333	0.222894	-2.39263	0.018615	0.078413	1
ENSG0000	mucosal h	Inflamed	PTGDR2	protein_cc chr11	60618413	60623444	-	2895	521.7017	0	0.690026	0.288408	2.392537	0.018619	0.078419	1
ENSG0000	mucosal h	Inflamed	RN7SL614	misc_RNA chr1	10676893	10677170	+	278	1.930788	0.501193	0.352192	0.147212	2.392413	0.018625	0.078432	1
ENSG0000	mucosal h	Inflamed	CLIP2	protein_cc chr7	73703805	73820273	+	7315	5579.683	0	0.357964	0.14963	2.392337	0.018629	0.078434	1
ENSG0000	mucosal h	Inflamed	GRID1	protein_cc chr10	87359312	88126250	-	6033	163.043	0.004773	-0.58896	0.246214	-2.39206	0.018642	0.078478	1
ENSG0000	mucosal h	Inflamed	GPR107	protein_cc chr9	1.33E+08	1.33E+08	+	9135	5540.415	0	0.341263	0.14269	2.391647	0.018662	0.078541	1
ENSG0000	mucosal h	Inflamed	AK2P2	pseudoger chr2	32048482	32048886	-	405	2.002387	0.501193	0.348561	0.145743	2.391621	0.018663	0.078541	1
ENSG0000	mucosal h	Inflamed	DLD	protein_cc chr7	1.08E+08	1.08E+08	+	5299	2581.594	0	0.435198	0.181976	2.391513	0.018668	0.07855	1
ENSG0000	mucosal h	Inflamed	RP11-327F	antisense chr16	50774821	50776726	-	640	12.29117	0.095465	-0.55493	0.232063	-2.39127	0.01868	0.078583	1
ENSG0000	mucosal h	Inflamed	CTD-2269f	antisense chr5	83680245	83786583	+	1370	14.70167	0.016706	0.43725	0.182856	2.391226	0.018682	0.078583	1
ENSG0000	mucosal h	Inflamed	HMG5	protein_cc chrX	80369200	80457441	-	2416	79.23628	0	0.504221	0.210876	2.391075	0.018689	0.078601	1
ENSG0000	mucosal h	Inflamed	LINC00665	lincRNA chr19	36803969	36822620	-	7201	146.9236	0	-0.34924	0.14608	-2.39073	0.018706	0.078658	1
ENSG0000	mucosal h	Inflamed	RP11-212F	lincRNA chr7	1.28E+08	1.28E+08	-	7054	356.3556	0	0.251218	0.105088	2.390555	0.018714	0.078681	1
ENSG0000	mucosal h	Inflamed	CYS1	protein_cc chr2	10196907	10221071	-	2847	166.4391	0.002387	0.567823	0.237544	2.390389	0.018722	0.078697	1
ENSG0000	mucosal h	Inflamed	ABHD17Af	pseudoger chr17	20717933	20747570	+	1044	4.372315	0.171838	-0.39875	0.166817	-2.39035	0.018724	0.078697	1
ENSG0000	mucosal h	Inflamed	CCDC85B	protein_cc chr11	65657875	65659105	+	1231	642.821	0	-0.41743	0.17467	-2.3898	0.01875	0.078796	1
ENSG0000	mucosal h	Inflamed	AC008746	lincRNA chr19	54949847	54950362	-	516	20.54893	0.031026	0.539893	0.225952	2.389412	0.018769	0.078862	1
ENSG0000	mucosal h	Inflamed	ZNF326	protein_cc chr1	90460671	90501090	+	10984	1043.1	0	0.558099	0.233581	2.389315	0.018774	0.078869	1
ENSG0000	mucosal h	Inflamed	RP11-655C	lincRNA chr11	58265361	58273231	-	1002	3.513126	0.360382	-0.51567	0.215853	-2.38897	0.01879	0.078918	1
ENSG0000	mucosal h	Inflamed	RP11-214C	lincRNA chr17	14207171	14208822	+	1652	28.96181	0.031026	-0.52964	0.221703	-2.38895	0.018791	0.078918	1

ENSG0000	mucosal h	Inflamed	ADCK1	protein_cc	chr14	78266426	78401355	+	5317	469.8067	0	0.201329	0.084293	2.388436	0.018816	0.07901	1
ENSG0000	mucosal h	Inflamed	AC010148	processed	chr2	2.36E+08	2.36E+08	-	2973	2.823389	0.367542	0.407287	0.170547	2.38812	0.018832	0.079053	1
ENSG0000	mucosal h	Inflamed	BLK	protein_cc	chr8	11351510	11422113	+	4803	403.2458	0.002387	-0.86338	0.361533	-2.3881	0.018833	0.079053	1
ENSG0000	mucosal h	Inflamed	SGK494	protein_cc	chr17	26934982	26941218	-	4663	64.88305	0.038186	0.701179	0.293641	2.387882	0.018843	0.079084	1
ENSG0000	mucosal h	Inflamed	ADCK5	protein_cc	chr8	1.46E+08	1.46E+08	+	2742	691.8473	0	0.255331	0.106936	2.387698	0.018852	0.079109	1
ENSG0000	mucosal h	Inflamed	LDB2	protein_cc	chr4	16503164	16900432	-	5586	468.6325	0	-0.47582	0.199304	-2.3874	0.018866	0.079157	1
ENSG0000	mucosal h	Inflamed	DQX1	protein_cc	chr2	74745258	74753463	-	2940	1031.747	0	0.558063	0.233776	2.387171	0.018878	0.079191	1
ENSG0000	mucosal h	Inflamed	TIPARP-AS	antisense	chr3	1.56E+08	1.56E+08	-	1254	14.53461	0.023866	0.429615	0.179982	2.386984	0.018887	0.079216	1
ENSG0000	mucosal h	Inflamed	ZNF850	protein_cc	chr19	37205285	37263727	-	7843	55.34368	0.019093	0.570991	0.239244	2.386643	0.018903	0.079273	1
ENSG0000	mucosal h	Inflamed	AP001044	lincRNA	chr21	40285093	40287072	-	407	5.190931	0.143198	0.435716	0.182578	2.386467	0.018912	0.079296	1
ENSG0000	mucosal h	Inflamed	ARHGEF37	protein_cc	chr5	1.49E+08	1.49E+08	+	5324	1066.916	0	0.427214	0.179057	2.385908	0.018939	0.079392	1
ENSG0000	mucosal h	Inflamed	NECAP2	protein_cc	chr1	16767167	16786573	+	5559	2239.967	0	-0.17625	0.073874	-2.38587	0.018941	0.079392	1
ENSG0000	mucosal h	Inflamed	ACMSD	protein_cc	chr2	1.36E+08	1.36E+08	+	2785	6.315036	0.725537	-0.82881	0.3474	-2.38575	0.018946	0.079404	1
ENSG0000	mucosal h	Inflamed	HABP2	protein_cc	chr10	1.15E+08	1.15E+08	+	3740	40.72792	0.381862	-1.09482	0.458941	-2.38553	0.018957	0.079437	1
ENSG0000	mucosal h	Inflamed	AC062017	protein_cc	chr2	2.4E+08	2.4E+08	+	613	12.80907	0.00716	-0.38397	0.160965	-2.38543	0.018962	0.079444	1
ENSG0000	mucosal h	Inflamed	SCARA3	protein_cc	chr8	27491385	27534293	+	4031	1261.348	0	-0.55394	0.232225	-2.38534	0.018966	0.079449	1
ENSG0000	mucosal h	Inflamed	DCN	protein_cc	chr12	91539025	91576900	-	8083	7662.248	0	-0.68137	0.285757	-2.38442	0.019011	0.079624	1
ENSG0000	mucosal h	Inflamed	RP4-740C4	sense_intr	chr1	2294500	2295067	-	568	8.310263	0.105012	0.48681	0.204195	2.384045	0.01903	0.079689	1
ENSG0000	mucosal h	Inflamed	CLEC4C	protein_cc	chr12	7882011	7904201	-	1551	5.539379	0.357995	-0.57039	0.239311	-2.38348	0.019057	0.079792	1
ENSG0000	mucosal h	Inflamed	DCUN1D5	protein_cc	chr11	1.03E+08	1.03E+08	-	1700	380.7757	0	-0.31848	0.133636	-2.38318	0.019072	0.079841	1
ENSG0000	mucosal h	Inflamed	TIMM8A	protein_cc	chrX	1.01E+08	1.01E+08	-	2629	210.3628	0	0.277509	0.116449	2.383082	0.019077	0.079848	1
ENSG0000	mucosal h	Inflamed	KIAA2013	protein_cc	chr1	11979648	11986485	-	3281	5258.489	0	0.213854	0.089741	2.383017	0.01908	0.079849	1
ENSG0000	mucosal h	Inflamed	RP11-83A2	pseudoger	chr4	1.4E+08	1.4E+08	-	1240	1.601432	0.618138	0.398812	0.167372	2.382791	0.019091	0.079882	1
ENSG0000	mucosal h	Inflamed	DUSP21	protein_cc	chrX	44703249	44704130	+	882	2.238663	0.732697	0.278933	0.117067	2.382676	0.019097	0.079893	1
ENSG0000	mucosal h	Inflamed	PEX26	protein_cc	chr22	18560689	18613905	+	20042	7426.169	0	0.392655	0.164808	2.382508	0.019105	0.079915	1
ENSG0000	mucosal h	Inflamed	RP11-731I	pseudoger	chr2	28531028	28531437	+	410	1.976134	0.51074	0.355756	0.149341	2.382167	0.019121	0.079972	1
ENSG0000	mucosal h	Inflamed	KB-1991G8	lincRNA	chr8	1.01E+08	1.01E+08	+	546	3.245823	0.424821	0.50299	0.211181	2.381794	0.01914	0.080029	1
ENSG0000	mucosal h	Inflamed	PHOSPHO2	protein_cc	chr2	1.71E+08	1.71E+08	+	1477	69.90215	0	0.422796	0.177515	2.381748	0.019142	0.080029	1
ENSG0000	mucosal h	Inflamed	ZNF512B	protein_cc	chr20	62588055	62680113	-	6018	721.926	0	-0.48734	0.204617	-2.3817	0.019144	0.080029	1
ENSG0000	mucosal h	Inflamed	RP4-657E1	pseudoger	chr1	19623574	19624397	+	525	10.50119	0.162291	0.583615	0.245052	2.381592	0.01915	0.080039	1
ENSG0000	mucosal h	Inflamed	PRKCB	protein_cc	chr16	23847322	24231932	+	10037	1231.549	0	-0.54052	0.226965	-2.38152	0.019153	0.080041	1
ENSG0000	mucosal h	Inflamed	ATG4B	protein_cc	chr2	2.43E+08	2.43E+08	+	6638	2581.126	0	0.221224	0.092912	2.380989	0.019179	0.080137	1
ENSG0000	mucosal h	Inflamed	FGB	protein_cc	chr4	1.55E+08	1.55E+08	+	2708	2.322196	0.852029	-0.53488	0.224686	-2.38058	0.019199	0.080209	1
ENSG0000	mucosal h	Inflamed	HTR3A	protein_cc	chr11	1.14E+08	1.14E+08	+	2772	28.66348	0.121718	-0.96046	0.403532	-2.38013	0.019222	0.080281	1
ENSG0000	mucosal h	Inflamed	MTMR3	protein_cc	chr22	30279144	30426855	+	9903	3513.78	0	0.2996	0.125878	2.38008	0.019224	0.080281	1
ENSG0000	mucosal h	Inflamed	DRAP1	protein_cc	chr11	65686728	65689032	+	1737	1518.384	0	-0.24428	0.10264	-2.37999	0.019229	0.080281	1
ENSG0000	mucosal h	Inflamed	LINC00261	lincRNA	chr20	22528309	22559280	-	5552	1972.797	0	0.936688	0.393572	2.379963	0.01923	0.080281	1
ENSG0000	mucosal h	Inflamed	KCNE2	protein_cc	chr21	35736323	35743688	+	1051	6.914081	0.374702	0.498085	0.20929	2.37988	0.019234	0.080281	1
ENSG0000	mucosal h	Inflamed	WASH7P	pseudoger	chr1	14363	29806	-	2073	309.5131	0	0.235292	0.098868	2.379857	0.019235	0.080281	1
ENSG0000	mucosal h	Inflamed	CCDC101	protein_cc	chr16	28565236	28603111	+	2124	461.58	0	0.199086	0.08367	2.379416	0.019257	0.080359	1

ENSG0000	mucosal h	Inflamed	RP1-273G: pseudoger	chr8	33827079	33827397	-	319	8.854415	0.042959	0.410006	0.17232	2.379333	0.019261	0.080363	1	
ENSG0000	mucosal h	Inflamed	IL2	protein_cc	chr4	1.23E+08	1.23E+08	-	1119	1.98568	0.541766	0.366138	0.153893	2.379181	0.019268	0.080371	1
ENSG0000	mucosal h	Inflamed	CRAT	protein_cc	chr9	1.32E+08	1.32E+08	-	3803	3977.907	0	0.331182	0.1392	2.379173	0.019269	0.080371	1
ENSG0000	mucosal h	Inflamed	TMEM121	protein_cc	chr14	1.06E+08	1.06E+08	+	1904	41.95943	0.002387	-0.56358	0.236894	-2.37903	0.019276	0.080388	1
ENSG0000	mucosal h	Inflamed	DSP	protein_cc	chr6	7541808	7586950	+	10093	13356.16	0	0.643117	0.270369	2.378667	0.019294	0.080449	1
ENSG0000	mucosal h	Inflamed	ZMAT4	protein_cc	chr8	40388109	40755352	-	3691	2.190931	0.53222	0.436848	0.183667	2.378478	0.019303	0.080476	1
ENSG0000	mucosal h	Inflamed	RP4-753P3	prime_ov	chrX	1.29E+08	1.29E+08	+	326	9.031026	0.171838	-0.52516	0.220812	-2.37831	0.019311	0.08049	1
ENSG0000	mucosal h	Inflamed	GXYLT2	protein_cc	chr3	72937224	73047289	+	3667	169.1575	0	0.461818	0.194182	2.378276	0.019313	0.08049	1
ENSG0000	mucosal h	Inflamed	KRT40	protein_cc	chr17	39133968	39143387	-	2225	9.052506	0.200477	0.660367	0.277678	2.378175	0.019318	0.08049	1
ENSG0000	mucosal h	Inflamed	AQP11	protein_cc	chr11	77300436	77321400	+	2396	162.642	0	0.489579	0.205867	2.378129	0.01932	0.08049	1
ENSG0000	mucosal h	Inflamed	PARD6B	protein_cc	chr20	49348081	49373332	+	4726	326.8449	0.002387	0.615741	0.258921	2.3781	0.019322	0.08049	1
ENSG0000	mucosal h	Inflamed	SYT10	protein_cc	chr12	33527173	33592754	-	5082	6.5179	0.181384	0.549846	0.231222	2.377996	0.019327	0.080494	1
ENSG0000	mucosal h	Inflamed	AC051649	sense_ove	chr11	1885407	1887897	+	330	0.890215	0.775656	0.330516	0.138991	2.377957	0.019329	0.080494	1
ENSG0000	mucosal h	Inflamed	ZNF600	protein_cc	chr19	53267448	53290044	-	4669	415.5919	0	0.525675	0.221086	2.377692	0.019342	0.080536	1
ENSG0000	mucosal h	Inflamed	RP11-525A	lincRNA	chr10	1.12E+08	1.12E+08	-	628	1.479714	0.649165	-0.40512	0.170428	-2.37706	0.019373	0.080649	1
ENSG0000	mucosal h	Inflamed	DNAJB5	protein_cc	chr9	34989638	34998897	+	5891	314.4582	0.002387	-0.50023	0.210445	-2.37702	0.019375	0.080649	1
ENSG0000	mucosal h	Inflamed	PROX1-AS1	antisense	chr1	2.14E+08	2.14E+08	-	8976	7.463007	0.083532	0.499062	0.209976	2.376762	0.019388	0.080656	1
ENSG0000	mucosal h	Inflamed	CYP4F8	processed	chr19	15726029	15741448	+	7047	2.205251	0.637232	0.399168	0.167948	2.376733	0.01939	0.080656	1
ENSG0000	mucosal h	Inflamed	DKK2	protein_cc	chr4	1.08E+08	1.08E+08	-	4319	5.026253	0.451074	-0.62782	0.264159	-2.37669	0.019392	0.080656	1
ENSG0000	mucosal h	Inflamed	RP1-212G1	antisense	chrX	47518232	47519776	+	1545	11.86874	0.042959	0.344401	0.144909	2.376677	0.019392	0.080656	1
ENSG0000	mucosal h	Inflamed	ANXA2	protein_cc	chr15	60639333	60695082	-	8822	26769.08	0	-0.35971	0.15135	-2.37667	0.019393	0.080656	1
ENSG0000	mucosal h	Inflamed	SETP9	pseudoger	chr1	1.61E+08	1.61E+08	+	832	1.484487	0.649165	-0.36689	0.154385	-2.37646	0.019403	0.080689	1
ENSG0000	mucosal h	Inflamed	RP4-548D1	antisense	chr7	1.51E+08	1.51E+08	+	574	47.94749	0	0.429185	0.180668	2.37555	0.019448	0.080852	1
ENSG0000	mucosal h	Inflamed	RAB7L1	protein_cc	chr1	2.06E+08	2.06E+08	-	3882	702.7136	0	-0.43094	0.181405	-2.37554	0.019449	0.080852	1
ENSG0000	mucosal h	Inflamed	RP11-244F	pseudoger	chr15	63245372	63246323	+	952	1.768496	0.529833	0.320686	0.135007	2.375331	0.019459	0.080883	1
ENSG0000	mucosal h	Inflamed	FAM120A	protein_cc	chr9	96208776	96215874	-	3717	1899.905	0	0.21944	0.092394	2.37504	0.019474	0.080931	1
ENSG0000	mucosal h	Inflamed	RP4-635E1	antisense	chr1	11089716	11090585	+	870	145.5871	0	0.652728	0.274838	2.374953	0.019478	0.080936	1
ENSG0000	mucosal h	Inflamed	SYT8	protein_cc	chr11	1848709	1858751	+	4854	51.08592	0.01432	0.618058	0.260255	2.374816	0.019485	0.080951	1
ENSG0000	mucosal h	Inflamed	ANKS6	protein_cc	chr9	1.01E+08	1.02E+08	-	8804	1418.055	0	0.253009	0.106543	2.374708	0.01949	0.080961	1
ENSG0000	mucosal h	Inflamed	NRBP1	protein_cc	chr2	27650657	27665126	+	5329	3964.487	0	-0.15779	0.066447	-2.37461	0.019495	0.080963	1
ENSG0000	mucosal h	Inflamed	S100B	protein_cc	chr21	48018875	48025121	-	1448	212.6659	0	-0.54116	0.227896	-2.37458	0.019497	0.080963	1
ENSG0000	mucosal h	Inflamed	AKTIP	protein_cc	chr16	53524952	53538323	-	5202	570.3675	0	0.287414	0.121048	2.374389	0.019506	0.080989	1
ENSG0000	mucosal h	Inflamed	GH1	protein_cc	chr17	61994560	61996179	-	1177	2.97136	0.355609	-0.43096	0.181515	-2.37422	0.019515	0.081011	1
ENSG0000	mucosal h	Inflamed	LMF2	protein_cc	chr22	50941376	50946135	-	3071	4134.024	0	-0.25214	0.106206	-2.37403	0.019524	0.081038	1
ENSG0000	mucosal h	Inflamed	SLC12A8	protein_cc	chr3	1.25E+08	1.25E+08	-	5728	710.3461	0	0.351054	0.147883	2.373856	0.019533	0.081061	1
ENSG0000	mucosal h	Inflamed	APOL4	protein_cc	chr22	36585172	36600886	-	4375	384.5585	0	-0.46453	0.19571	-2.37357	0.019547	0.081107	1
ENSG0000	mucosal h	Inflamed	AC004012	lincRNA	chr7	95101147	95103310	+	534	0.880668	0.770883	0.273871	0.115389	2.373455	0.019553	0.081112	1
ENSG0000	mucosal h	Inflamed	FAM20B	protein_cc	chr1	1.79E+08	1.79E+08	+	6039	1681.616	0	0.395017	0.166435	2.373395	0.019556	0.081112	1
ENSG0000	mucosal h	Inflamed	RNF128	protein_cc	chrX	1.06E+08	1.06E+08	+	3432	1089.561	0.004773	0.702366	0.295937	2.373362	0.019558	0.081112	1
ENSG0000	mucosal h	Inflamed	SYNPR-AS1	antisense	chr3	63409272	63535727	-	558	8.97136	0.081146	0.50588	0.213173	2.373094	0.019571	0.081155	1

ENSG0000	mucosal h	Inflamed	RP3-395M	antisense	chr1	2497849	2501327	+	1297	16.5179	0.059666	0.472364	0.199057	2.373016	0.019575	0.081158	1
ENSG0000	mucosal h	Inflamed	NPDC1	protein_cc	chr9	1.4E+08	1.4E+08	-	2737	5270.809	0	0.341579	0.143951	2.372891	0.019581	0.081171	1
ENSG0000	mucosal h	Inflamed	ELL	protein_cc	chr19	18553473	18632937	-	4929	1406.527	0	-0.31949	0.134675	-2.37231	0.01961	0.081272	1
ENSG0000	mucosal h	Inflamed	CA9	protein_cc	chr9	35673853	35681156	+	1670	84.93795	0.009547	-0.90964	0.383444	-2.37228	0.019612	0.081272	1
ENSG0000	mucosal h	Inflamed	ISM1	protein_cc	chr20	13202418	13281298	+	2593	15.57518	0.107399	-0.81423	0.343247	-2.37213	0.019619	0.08129	1
ENSG0000	mucosal h	Inflamed	ZNF846	protein_cc	chr19	9862669	9903856	-	3912	198.5561	0	0.457164	0.192737	2.371956	0.019628	0.081314	1
ENSG0000	mucosal h	Inflamed	BLCAP	protein_cc	chr20	36120874	36156333	-	3927	2834.516	0	0.255812	0.107854	2.37183	0.019634	0.081328	1
ENSG0000	mucosal h	Inflamed	RP11-3297	pseudoger	chr1	48901639	48902895	+	1257	3.386635	0.293556	0.328717	0.138598	2.371739	0.019639	0.081328	1
ENSG0000	mucosal h	Inflamed	EPGN	protein_cc	chr4	75174190	75181024	+	1814	1.453461	0.720764	-0.4485	0.189104	-2.37171	0.019641	0.081328	1
ENSG0000	mucosal h	Inflamed	ATP2B1	protein_cc	chr12	89981828	90103077	-	9491	2338.976	0	0.495711	0.209021	2.371589	0.019646	0.081336	1
ENSG0000	mucosal h	Inflamed	RP11-3380	lincRNA	chr1	2.13E+08	2.13E+08	-	473	3.350835	0.27685	-0.41986	0.177041	-2.37154	0.019649	0.081336	1
ENSG0000	mucosal h	Inflamed	ADAP2	protein_cc	chr17	29233362	29286340	+	3750	609.8162	0	-0.26839	0.113176	-2.37144	0.019654	0.081343	1
ENSG0000	mucosal h	Inflamed	FCRL4	protein_cc	chr1	1.58E+08	1.58E+08	-	3875	51.358	0.081146	-0.86369	0.364213	-2.37139	0.019657	0.081343	1
ENSG0000	mucosal h	Inflamed	AC137932	antisense	chr16	89387541	89391518	+	1360	1.355609	0.708831	-0.36635	0.1545	-2.37123	0.019665	0.081363	1
ENSG0000	mucosal h	Inflamed	RNASEH2A	protein_cc	chr19	12917394	12924452	+	2039	429.7924	0	-0.24985	0.105382	-2.37092	0.01968	0.081414	1
ENSG0000	mucosal h	Inflamed	CAB39L	protein_cc	chr13	49882786	50018262	-	5082	221.043	0	0.360564	0.152088	2.370759	0.019688	0.08143	1
ENSG0000	mucosal h	Inflamed	TMEM168	protein_cc	chr7	1.12E+08	1.12E+08	-	7995	1377.122	0	0.50502	0.213024	2.370722	0.01969	0.08143	1
ENSG0000	mucosal h	Inflamed	YAE1D1	protein_cc	chr7	39605975	39649919	+	2569	295.3938	0	0.351336	0.148202	2.37066	0.019693	0.08143	1
ENSG0000	mucosal h	Inflamed	NDRG1	protein_cc	chr8	1.34E+08	1.34E+08	-	9823	22394.34	0	0.381791	0.161061	2.370479	0.019702	0.081455	1
ENSG0000	mucosal h	Inflamed	ETV5	protein_cc	chr3	1.86E+08	1.86E+08	-	5802	476.5561	0	-0.4062	0.171419	-2.36963	0.019745	0.081619	1
ENSG0000	mucosal h	Inflamed	CFTR	protein_cc	chr7	1.17E+08	1.17E+08	+	8099	3393.057	0.004773	0.882407	0.372433	2.369303	0.019762	0.081675	1
ENSG0000	mucosal h	Inflamed	DENND3	protein_cc	chr8	1.42E+08	1.42E+08	+	14670	2890.94	0	-0.36699	0.154913	-2.36902	0.019776	0.081709	1
ENSG0000	mucosal h	Inflamed	SOWAHB	protein_cc	chr4	77816082	77819002	-	2921	980.0907	0.002387	0.620938	0.262108	2.369016	0.019776	0.081709	1
ENSG0000	mucosal h	Inflamed	TBC1D12	protein_cc	chr10	96162261	96295687	+	6921	711.864	0	0.497974	0.210214	2.368897	0.019782	0.081721	1
ENSG0000	mucosal h	Inflamed	C8orf33	protein_cc	chr8	1.46E+08	1.46E+08	+	3378	1728.048	0	0.262214	0.1107	2.368684	0.019793	0.081736	1
ENSG0000	mucosal h	Inflamed	NEFH	protein_cc	chr22	29876219	29887379	+	3783	47.95943	0.011933	-0.60947	0.257306	-2.36867	0.019794	0.081736	1
ENSG0000	mucosal h	Inflamed	AP001462	lincRNA	chr11	64546426	64546877	+	452	5.050119	0.126492	0.428094	0.180734	2.368639	0.019795	0.081736	1
ENSG0000	mucosal h	Inflamed	SCNN1A	protein_cc	chr12	6456009	6486896	-	5876	14332.77	0	0.683126	0.288445	2.368311	0.019812	0.081792	1
ENSG0000	mucosal h	Inflamed	FOLH1B	pseudoger	chr11	89371683	89431886	+	2660	2.811456	0.768496	-0.41285	0.174348	-2.36798	0.019828	0.081837	1
ENSG0000	mucosal h	Inflamed	RCCD1	protein_cc	chr15	91498100	91506349	+	4963	651.9356	0	0.282366	0.119248	2.367898	0.019833	0.081837	1
ENSG0000	mucosal h	Inflamed	CTD-2287	lincRNA	chr5	1.15E+08	1.15E+08	-	461	0.947494	0.735084	0.277255	0.11709	2.367887	0.019833	0.081837	1
ENSG0000	mucosal h	Inflamed	POLR3H	protein_cc	chr22	41921808	41940610	-	6577	1130.926	0	-0.26152	0.110447	-2.36785	0.019835	0.081837	1
ENSG0000	mucosal h	Inflamed	RP11-7230	protein_cc	chr3	1.29E+08	1.29E+08	-	2426	12.20286	0.033413	0.354557	0.149745	2.367734	0.019841	0.081848	1
ENSG0000	mucosal h	Inflamed	RP11-4070	sense_intr	chr16	57281262	57282404	+	358	5.854415	0.124105	0.472571	0.199622	2.367328	0.019862	0.08192	1
ENSG0000	mucosal h	Inflamed	01-Sep	protein_cc	chr16	30389454	30407312	-	4217	459.0907	0	-0.50196	0.21205	-2.36716	0.01987	0.081943	1
ENSG0000	mucosal h	Inflamed	COLCA1	protein_cc	chr11	1.11E+08	1.11E+08	-	5784	441.0382	0	0.641155	0.270865	2.367059	0.019875	0.081951	1
ENSG0000	mucosal h	Inflamed	RP13-1032	antisense	chr17	79668354	79670330	-	1977	128.6754	0	0.25103	0.106066	2.366735	0.019892	0.081972	1
ENSG0000	mucosal h	Inflamed	ISLR	protein_cc	chr15	74466012	74469213	+	2671	1473.64	0	-0.69414	0.293291	-2.36673	0.019892	0.081972	1
ENSG0000	mucosal h	Inflamed	NANOGNB	pseudoger	chrX	1.01E+08	1.01E+08	-	565	1.606205	0.575179	0.318839	0.134718	2.36672	0.019892	0.081972	1
ENSG0000	mucosal h	Inflamed	AMPH	protein_cc	chr7	38423305	38671167	-	5636	128.4606	0.004773	-0.52299	0.220979	-2.36671	0.019893	0.081972	1

ENSG0000	mucosal h	Inflamed	RP11-420	lincRNA	chr1	70910754	70911219	+	466	4.887828	0.164678	0.422285	0.178467	2.366172	0.01992	0.082072	1
ENSG0000	mucosal h	Inflamed	RP11-530	lincRNA	chr5	44826178	44828694	+	2517	131.494	0.004773	0.605488	0.255936	2.365778	0.01994	0.082142	1
ENSG0000	mucosal h	Inflamed	MTHFSD	protein_cc	chr16	86563782	86588841	-	5350	683.1432	0	0.258417	0.109239	2.365603	0.019949	0.082166	1
ENSG0000	mucosal h	Inflamed	ARSE	protein_cc	chrX	2852699	2886286	-	2618	1011.394	0.004773	0.664783	0.281042	2.365423	0.019958	0.082178	1
ENSG0000	mucosal h	Inflamed	LIMA1	protein_cc	chr12	50569571	50677329	-	6317	8640.797	0	0.47585	0.201169	2.365421	0.019958	0.082178	1
ENSG0000	mucosal h	Inflamed	FOXN3	protein_cc	chr14	89591215	90085493	-	11033	3400.434	0	0.436843	0.184696	2.365194	0.01997	0.082213	1
ENSG0000	mucosal h	Inflamed	WTAPP1	pseudoger	chr11	1.03E+08	1.03E+08	+	3331	5.138425	0.186158	0.466516	0.197259	2.364987	0.019981	0.082243	1
ENSG0000	mucosal h	Inflamed	RNU6-807	snRNA	chr15	1.02E+08	1.02E+08	-	107	1.295943	0.656325	0.357677	0.151247	2.364856	0.019987	0.082258	1
ENSG0000	mucosal h	Inflamed	RP1-193H	lincRNA	chr17	67547499	67550002	+	2504	335.6563	0	0.735703	0.311114	2.364735	0.019993	0.082266	1
ENSG0000	mucosal h	Inflamed	RASL11B	protein_cc	chr4	53728457	53733000	+	2470	25.16706	0.019093	-0.53868	0.227803	-2.3647	0.019995	0.082266	1
ENSG0000	mucosal h	Inflamed	REG4	protein_cc	chr1	1.2E+08	1.2E+08	-	3493	28204.17	0	-0.90595	0.383128	-2.36461	0.02	0.08227	1
ENSG0000	mucosal h	Inflamed	KB-208E9	lincRNA	chr22	23923067	23926046	-	1081	7.854415	0.202864	0.562339	0.237832	2.364433	0.020009	0.082286	1
ENSG0000	mucosal h	Inflamed	RP11-346C	lincRNA	chr16	73094144	73094658	+	515	4.952267	0.231504	0.49686	0.210141	2.364416	0.02001	0.082286	1
ENSG0000	mucosal h	Inflamed	AP1AR	protein_cc	chr4	1.13E+08	1.13E+08	+	3444	718.8162	0.002387	0.485707	0.205448	2.364139	0.020024	0.082331	1
ENSG0000	mucosal h	Inflamed	FAM195B	protein_cc	chr17	79780287	79791178	-	3676	350.1504	0	-0.37342	0.157987	-2.36361	0.020051	0.082429	1
ENSG0000	mucosal h	Inflamed	BBS1	protein_cc	chr11	66278077	66301098	+	6145	147.506	0.004773	0.295041	0.124839	2.363364	0.020063	0.082468	1
ENSG0000	mucosal h	Inflamed	DNAJA1P5	pseudoger	chr1	1.02E+08	1.02E+08	+	943	2.830549	0.682578	-0.60014	0.253972	-2.36301	0.020082	0.082531	1
ENSG0000	mucosal h	Inflamed	STRC	protein_cc	chr15	43891596	44010458	-	8407	5.861575	0.217184	0.453034	0.191731	2.362862	0.020089	0.082548	1
ENSG0000	mucosal h	Inflamed	RP11-635I	pseudoger	chr18	61082550	61083702	-	1153	0.990453	0.72315	0.302797	0.128158	2.362675	0.020099	0.082575	1
ENSG0000	mucosal h	Inflamed	APP	protein_cc	chr21	27252861	27543446	-	6349	30718.23	0	0.383881	0.162485	2.362557	0.020105	0.082582	1
ENSG0000	mucosal h	Inflamed	MRPS31P5	pseudoger	chr13	52741844	52768600	-	3873	27.84487	0.054893	0.597026	0.252708	2.362517	0.020107	0.082582	1
ENSG0000	mucosal h	Inflamed	ALDH3A2	protein_cc	chr17	19551449	19580911	+	6457	3443.196	0	0.411721	0.174277	2.362445	0.020111	0.082585	1
ENSG0000	mucosal h	Inflamed	RP11-386I	pseudoger	chr1	78509067	78509832	-	766	11.02625	0.069212	0.465181	0.19695	2.36193	0.020137	0.08268	1
ENSG0000	mucosal h	Inflamed	PDXDC2P	processed	chr16	70010200	70099851	-	6186	637.1074	0	0.774322	0.327852	2.361807	0.020143	0.082693	1
ENSG0000	mucosal h	Inflamed	TM4SF19	protein_cc	chr3	1.96E+08	1.96E+08	-	1896	5.472554	0.412888	-0.66642	0.282178	-2.3617	0.020149	0.082702	1
ENSG0000	mucosal h	Inflamed	SUSD5	protein_cc	chr3	33191537	33260707	-	5005	12.06444	0.157518	-0.72148	0.305501	-2.36164	0.020152	0.082703	1
ENSG0000	mucosal h	Inflamed	FAM110A	protein_cc	chr20	814358	838106	+	2746	769.4535	0	-0.2451	0.103809	-2.36108	0.020181	0.082807	1
ENSG0000	mucosal h	Inflamed	DLAT	protein_cc	chr11	1.12E+08	1.12E+08	+	4831	1824.931	0	0.337161	0.142804	2.360995	0.020185	0.082813	1
ENSG0000	mucosal h	Inflamed	RP11-890E	lincRNA	chr11	1.31E+08	1.31E+08	-	3994	304.0692	0	0.49238	0.208582	2.36061	0.020205	0.082881	1
ENSG0000	mucosal h	Inflamed	PSKH1	protein_cc	chr16	67927175	67963581	+	3977	2474.523	0	0.2137	0.090534	2.360439	0.020214	0.082897	1
ENSG0000	mucosal h	Inflamed	AC004951	pseudoger	chr7	44024593	44029806	-	790	18.85203	0	0.307529	0.130289	2.360355	0.020218	0.082897	1
ENSG0000	mucosal h	Inflamed	AP000695	antisense	chr21	37802658	37853368	+	893	3.274463	0.472554	-0.48498	0.205471	-2.36035	0.020218	0.082897	1
ENSG0000	mucosal h	Inflamed	C15orf39	protein_cc	chr15	75487984	75504510	+	5812	3330.702	0	-0.33767	0.143065	-2.36023	0.020224	0.08291	1
ENSG0000	mucosal h	Inflamed	OR2I1P	pseudoger	chr6	29520996	29521943	+	948	2.307876	0.577566	-0.405	0.171599	-2.36015	0.020229	0.082914	1
ENSG0000	mucosal h	Inflamed	PGLYRP4	protein_cc	chr1	1.53E+08	1.53E+08	-	2272	8.789976	0.341289	-0.71429	0.302685	-2.35986	0.020244	0.082962	1
ENSG0000	mucosal h	Inflamed	TALDO1	protein_cc	chr11	747329	765024	+	3005	4768.74	0	-0.21663	0.091799	-2.3598	0.020247	0.082962	1
ENSG0000	mucosal h	Inflamed	PSD3	protein_cc	chr8	18384811	18942240	-	15210	1148.544	0	0.592794	0.251219	2.359668	0.020253	0.082965	1
ENSG0000	mucosal h	Inflamed	HMG20B	protein_cc	chr19	3572775	3579086	+	3857	2816.601	0	0.196371	0.08322	2.35966	0.020254	0.082965	1
ENSG0000	mucosal h	Inflamed	RP11-343E	pseudoger	chr3	1.42E+08	1.42E+08	-	576	5.579952	0.090692	0.362122	0.153471	2.359542	0.02026	0.082978	1
ENSG0000	mucosal h	Inflamed	PEX1	protein_cc	chr7	92116334	92157845	-	7849	732.9308	0	0.517167	0.219202	2.359321	0.020271	0.083011	1

ENSG0000	mucosal h	Inflamed	CTD-2325F antisense	chr14	69093883	69095162	-	279	1.668258	0.587112	0.304401	0.129027	2.359209	0.020277	0.083022	1	
ENSG0000	mucosal h	Inflamed	RP11-91K1 antisense	chr1	20140860	20145995	+	447	4.312649	0.25537	0.446098	0.189102	2.359038	0.020286	0.083045	1	
ENSG0000	mucosal h	Inflamed	AC132872	protein_cc	chr17	80214131	80216080	+	1950	4.916468	0.281623	-0.45538	0.193049	-2.35887	0.020295	0.083058	1
ENSG0000	mucosal h	Inflamed	BNIP1	protein_cc	chr1	1.51E+08	1.51E+08	+	2892	24.95465	0.023866	0.471655	0.199951	2.358854	0.020295	0.083058	1
ENSG0000	mucosal h	Inflamed	PSD2	protein_cc	chr5	1.39E+08	1.39E+08	+	4513	8.553699	0.119332	-0.49503	0.209882	-2.35862	0.020307	0.083094	1
ENSG0000	mucosal h	Inflamed	ATF1	protein_cc	chr12	51157493	51214905	+	2790	511.2601	0	0.316222	0.134131	2.357556	0.020363	0.083307	1
ENSG0000	mucosal h	Inflamed	SNORA55	snoRNA	chr1	40033046	40033180	-	135	8.579952	0.147971	0.536506	0.227617	2.357054	0.020389	0.083401	1
ENSG0000	mucosal h	Inflamed	MCOLN3	protein_cc	chr1	85483765	85514182	-	6623	65.14081	0.011933	0.684873	0.290586	2.356864	0.020399	0.083428	1
ENSG0000	mucosal h	Inflamed	RFXANK	protein_cc	chr19	19303008	19312678	+	2533	991.8353	0	-0.18424	0.078177	-2.35673	0.020406	0.083432	1
ENSG0000	mucosal h	Inflamed	TRIM2	protein_cc	chr4	1.54E+08	1.54E+08	+	9333	2835.131	0	0.566467	0.240362	2.356722	0.020406	0.083432	1
ENSG0000	mucosal h	Inflamed	FRAT2	protein_cc	chr10	99092255	99094458	-	2204	1653.718	0	0.249118	0.105709	2.356639	0.02041	0.083437	1
ENSG0000	mucosal h	Inflamed	ARRB2	protein_cc	chr17	4613784	4624794	+	4372	2456.453	0	-0.36799	0.1562	-2.3559	0.020449	0.083581	1
ENSG0000	mucosal h	Inflamed	FABP1	protein_cc	chr2	88422510	88427635	-	2461	45613.02	0	0.939398	0.39882	2.355442	0.020472	0.08366	1
ENSG0000	mucosal h	Inflamed	AP000472	lincRNA	chr21	23381263	23470778	-	1486	9.011933	0.51074	0.484853	0.205847	2.355406	0.020474	0.08366	1
ENSG0000	mucosal h	Inflamed	EEF2K	protein_cc	chr16	22217603	22298554	+	6357	2158.119	0	0.371936	0.157919	2.355242	0.020483	0.083682	1
ENSG0000	mucosal h	Inflamed	BTBD6	protein_cc	chr14	1.06E+08	1.06E+08	+	2392	2385.243	0	0.16891	0.071719	2.355166	0.020487	0.083686	1
ENSG0000	mucosal h	Inflamed	05-Mar	protein_cc	chr10	94050920	94113721	+	4632	991.3461	0	0.282684	0.120044	2.354836	0.020504	0.083743	1
ENSG0000	mucosal h	Inflamed	WDR52	protein_cc	chr3	1.13E+08	1.13E+08	-	12160	474.969	0	0.710682	0.301832	2.354565	0.020518	0.083788	1
ENSG0000	mucosal h	Inflamed	FXD1	protein_cc	chr19	35629712	35634013	+	1801	92.04057	0	0.547035	0.232402	2.353833	0.020556	0.083931	1
ENSG0000	mucosal h	Inflamed	RP11-307C	lincRNA	chr15	77861312	77901023	+	844	1.420048	0.637232	-0.36133	0.153529	-2.35347	0.020576	0.083995	1
ENSG0000	mucosal h	Inflamed	ZNF585B	protein_cc	chr19	37672481	37709055	-	7538	432.7589	0	0.482746	0.20522	2.352331	0.020635	0.084226	1
ENSG0000	mucosal h	Inflamed	RP11-80H	lincRNA	chr3	1.43E+08	1.43E+08	+	746	8.649165	0.150358	-0.54113	0.230057	-2.35215	0.020645	0.084252	1
ENSG0000	mucosal h	Inflamed	ENPP5	protein_cc	chr6	46126924	46138708	-	4264	114.8759	0.002387	0.600628	0.255409	2.351632	0.020672	0.084349	1
ENSG0000	mucosal h	Inflamed	UGT1A10	protein_cc	chr2	2.35E+08	2.35E+08	+	3157	868.2053	0.009547	0.989606	0.420839	2.351505	0.020678	0.084363	1
ENSG0000	mucosal h	Inflamed	RP11-305L	lincRNA	chr9	93881344	93945044	+	984	6.558473	0.236277	0.451737	0.192113	2.351419	0.020683	0.084369	1
ENSG0000	mucosal h	Inflamed	KIAA0907	protein_cc	chr1	1.56E+08	1.56E+08	-	5635	2193.234	0	0.460333	0.195795	2.351095	0.0207	0.084425	1
ENSG0000	mucosal h	Inflamed	RP11-12D	pseudoger	chr9	5356312	5356525	-	214	1.477327	0.603819	0.356432	0.151622	2.350793	0.020716	0.08446	1
ENSG0000	mucosal h	Inflamed	CTD-2509C	lincRNA	chr14	65703198	65785508	-	1118	9.405728	0.138425	-0.58658	0.249527	-2.35078	0.020717	0.08446	1
ENSG0000	mucosal h	Inflamed	PPFIA3	protein_cc	chr19	49622646	49654283	+	6451	630.1169	0	0.333517	0.141877	2.350751	0.020718	0.08446	1
ENSG0000	mucosal h	Inflamed	CYP4F25P	pseudoger	chr9	69477881	69478916	+	520	2.322196	0.546539	0.395002	0.168047	2.350544	0.020729	0.084491	1
ENSG0000	mucosal h	Inflamed	TMEM161	protein_cc	chr19	19229978	19249322	-	3281	801.0095	0	-0.20449	0.087007	-2.35028	0.020743	0.084535	1
ENSG0000	mucosal h	Inflamed	RAB41	protein_cc	chrX	69501943	69504852	+	1344	1.362768	0.706444	0.319116	0.135783	2.350193	0.020748	0.08454	1
ENSG0000	mucosal h	Inflamed	RP11-800A	antisense	chr18	77100258	77103972	-	502	14.16468	0.114558	-0.60477	0.257354	-2.34994	0.020761	0.084582	1
ENSG0000	mucosal h	Inflamed	PLK3	protein_cc	chr1	45265897	45271662	+	3479	633.6253	0	-0.42015	0.178813	-2.34966	0.020776	0.084629	1
ENSG0000	mucosal h	Inflamed	FNDC8	protein_cc	chr17	33448598	33457751	+	1388	0.811456	0.799523	-0.31624	0.134596	-2.34956	0.020781	0.084638	1
ENSG0000	mucosal h	Inflamed	RP11-982M	lincRNA	chr14	1.05E+08	1.05E+08	-	723	2.193317	0.494033	0.350488	0.149178	2.34946	0.020786	0.084642	1
ENSG0000	mucosal h	Inflamed	AL773604	antisense	chr21	46222492	46224632	+	1031	4.138425	0.24105	0.412457	0.175564	2.349321	0.020794	0.084642	1
ENSG0000	mucosal h	Inflamed	RP11-881I	sense_intr	chr9	71041759	71044285	+	905	0.897375	0.782816	0.332017	0.141329	2.349258	0.020797	0.084642	1
ENSG0000	mucosal h	Inflamed	GMCL1	protein_cc	chr2	70056774	70108528	+	4922	709.4726	0	0.440749	0.187614	2.349232	0.020798	0.084642	1
ENSG0000	mucosal h	Inflamed	PNRC2	protein_cc	chr1	24285599	24289952	+	2564	3038.566	0	0.360074	0.153273	2.34923	0.020798	0.084642	1

ENSG0000	mucosal h	Inflamed	ZNF214	protein_cc	chr11	7020549	7041599	-	2949	36.63484	0.011933	0.484176	0.206113	2.349086	0.020806	0.08466	1
ENSG0000	mucosal h	Inflamed	TRAF1	protein_cc	chr9	1.24E+08	1.24E+08	-	6449	1299.191	0	-0.54961	0.234033	-2.34844	0.02084	0.084781	1
ENSG0000	mucosal h	Inflamed	FGD5	protein_cc	chr3	14860469	14975895	+	7869	1235.461	0	-0.54757	0.233166	-2.3484	0.020842	0.084781	1
ENSG0000	mucosal h	Inflamed	PPP2R2DP	pseudoger	chr3	38093250	38093886	+	637	0.830549	0.797136	0.225849	0.096187	2.348023	0.020862	0.08483	1
ENSG0000	mucosal h	Inflamed	TGFB2	protein_cc	chr1	2.19E+08	2.19E+08	+	5151	76.62053	0.02148	-0.69855	0.297509	-2.34799	0.020864	0.08483	1
ENSG0000	mucosal h	Inflamed	C4orf19	protein_cc	chr4	37455563	37625117	+	2770	1395.339	0.002387	0.600262	0.25565	2.347984	0.020864	0.08483	1
ENSG0000	mucosal h	Inflamed	AKR1C4	protein_cc	chr10	5237425	5260912	+	1914	3.24821	0.785203	-0.60254	0.256625	-2.34793	0.020867	0.08483	1
ENSG0000	mucosal h	Inflamed	NMNAT1	protein_cc	chr1	10003486	10045559	+	4610	855.778	0	0.344473	0.146717	2.347869	0.02087	0.08483	1
ENSG0000	mucosal h	Inflamed	AC025335	antisense	chr17	7816642	7819271	-	2529	128.1504	0.002387	0.253689	0.108084	2.347157	0.020908	0.084962	1
ENSG0000	mucosal h	Inflamed	ZNF664	protein_cc	chr12	1.24E+08	1.24E+08	+	6340	4990.573	0	0.490164	0.208835	2.347138	0.020909	0.084962	1
ENSG0000	mucosal h	Inflamed	NID2	protein_cc	chr14	52471521	52535712	-	6158	1217.979	0	-0.55903	0.238219	-2.34671	0.020932	0.085037	1
ENSG0000	mucosal h	Inflamed	RAPGEF4	protein_cc	chr2	1.74E+08	1.74E+08	+	7161	120.9356	0.004773	-0.58162	0.247848	-2.34667	0.020934	0.085037	1
ENSG0000	mucosal h	Inflamed	AC084125	antisense	chr8	1.46E+08	1.46E+08	+	895	34.04296	0.016706	0.38274	0.163105	2.346583	0.020939	0.085042	1
ENSG0000	mucosal h	Inflamed	FAM132B	protein_cc	chr2	2.39E+08	2.39E+08	+	3572	128.1718	0.004773	-0.97923	0.417325	-2.34644	0.020946	0.085061	1
ENSG0000	mucosal h	Inflamed	TNIK	protein_cc	chr3	1.71E+08	1.71E+08	-	8572	1720.955	0	0.44993	0.19176	2.346318	0.020953	0.085073	1
ENSG0000	mucosal h	Inflamed	WARS2-IT1	antisense	chr1	1.2E+08	1.2E+08	+	2060	1.023866	0.732697	-0.25796	0.109951	-2.34616	0.020961	0.085094	1
ENSG0000	mucosal h	Inflamed	SPECC1	protein_cc	chr17	19912657	20222339	+	13676	2344.396	0	0.279418	0.119108	2.345916	0.020974	0.085134	1
ENSG0000	mucosal h	Inflamed	TRIM45	protein_cc	chr1	1.18E+08	1.18E+08	-	4368	104.0692	0.009547	0.420575	0.179305	2.345586	0.020992	0.085179	1
ENSG0000	mucosal h	Inflamed	RP11-354E	antisense	chr10	19999257	20017479	-	2151	22.30072	0.00716	-0.53338	0.227398	-2.34558	0.020992	0.085179	1
ENSG0000	mucosal h	Inflamed	RP11-309I	lincRNA	chr13	24553949	24609166	+	1721	5.651551	0.186158	-0.5276	0.224944	-2.34548	0.020997	0.085188	1
ENSG0000	mucosal h	Inflamed	RPS6KA2	protein_cc	chr6	1.67E+08	1.67E+08	-	8243	2703.835	0	-0.38935	0.166026	-2.3451	0.021018	0.085257	1
ENSG0000	mucosal h	Inflamed	Y_RNA	misc_RNA	chr12	51550651	51550760	-	110	1.016706	0.735084	0.271679	0.115853	2.345041	0.021021	0.085257	1
ENSG0000	mucosal h	Inflamed	C15orf53	protein_cc	chr15	38988799	38992239	+	2043	2.369928	0.455847	-0.39291	0.167556	-2.34492	0.021027	0.08527	1
ENSG0000	mucosal h	Inflamed	PAPSS2	protein_cc	chr10	89419370	89507462	+	4116	9500.895	0	0.395898	0.168844	2.34476	0.021036	0.085291	1
ENSG0000	mucosal h	Inflamed	TTC39A	protein_cc	chr1	51752930	51810788	-	9362	2887.487	0	0.450536	0.192172	2.344448	0.021052	0.085343	1
ENSG0000	mucosal h	Inflamed	TRAV36DV	TR_V_gene	chr14	22694641	22695149	+	356	4.133652	0.281623	-0.47925	0.204421	-2.3444	0.021055	0.085343	1
ENSG0000	mucosal h	Inflamed	PER3	protein_cc	chr1	7844380	7905237	+	8059	912.6325	0.004773	0.533527	0.22759	2.344246	0.021063	0.085343	1
ENSG0000	mucosal h	Inflamed	COMP	protein_cc	chr19	18893583	18902123	-	3100	11.06444	0.50358	-0.86431	0.368694	-2.34424	0.021063	0.085343	1
ENSG0000	mucosal h	Inflamed	RP11-848F	sense_intr	chr17	29298670	29300330	+	1661	60.60621	0.00716	0.376455	0.160589	2.344219	0.021065	0.085343	1
ENSG0000	mucosal h	Inflamed	BNIP3	protein_cc	chr10	1.34E+08	1.34E+08	-	2111	232.4081	0	-0.47096	0.200927	-2.34391	0.021081	0.085387	1
ENSG0000	mucosal h	Inflamed	ZNF782	protein_cc	chr9	99578754	99637905	-	4619	123.7613	0	0.458948	0.195806	2.343892	0.021082	0.085387	1
ENSG0000	mucosal h	Inflamed	AC004775	lincRNA	chr5	1.32E+08	1.32E+08	-	753	0.840095	0.789976	0.270985	0.115629	2.343567	0.021099	0.085439	1
ENSG0000	mucosal h	Inflamed	CRIPAK	protein_cc	chr4	1385340	1389780	+	4441	651.9093	0	0.550836	0.235047	2.343516	0.021102	0.085439	1
ENSG0000	mucosal h	Inflamed	FAM69A	protein_cc	chr1	93307724	93427057	-	2574	502.179	0	-0.3979	0.169791	-2.34347	0.021105	0.085439	1
ENSG0000	mucosal h	Inflamed	RP11-738E	lincRNA	chr4	57827093	57827539	-	447	6.816229	0.090692	0.405735	0.173139	2.343407	0.021108	0.085439	1
ENSG0000	mucosal h	Inflamed	SYT11	protein_cc	chr1	1.56E+08	1.56E+08	+	5240	648.6921	0	-0.50878	0.21715	-2.343	0.021113	0.085503	1
ENSG0000	mucosal h	Inflamed	SPATA13	protein_cc	chr13	24553944	24881212	+	9941	1903.663	0	0.498009	0.212553	2.342992	0.021113	0.085503	1
ENSG0000	mucosal h	Inflamed	JPH3	protein_cc	chr16	87635441	87731762	+	5941	9.835322	0.157518	-0.72148	0.307944	-2.34289	0.021136	0.085504	1
ENSG0000	mucosal h	Inflamed	CTD-2574I	sense_intr	chr16	29930957	29933226	-	2270	201.0143	0.00716	0.651031	0.277878	2.342866	0.021137	0.085504	1
ENSG0000	mucosal h	Inflamed	PPM1A	protein_cc	chr14	60712470	60765805	+	11860	2506.446	0	0.411943	0.175839	2.34273	0.021144	0.08552	1

ENSG0000	mucosal h	Inflamed	CDSN	protein_cc chr6	31082867	31088223	-	2552	4.677804	0.544153	-0.63237	0.269939	-2.34264	0.021149	0.085527	1
ENSG0000	mucosal h	Inflamed	BTN3A3	protein_cc chr6	26440700	26453643	+	5658	1832.757	0	-0.36279	0.154925	-2.34171	0.021199	0.085715	1
ENSG0000	mucosal h	Inflamed	RP11-449L	lincRNA chr18	22208146	22242162	+	2471	38.179	0.00716	0.557925	0.238277	2.341502	0.02121	0.085747	1
ENSG0000	mucosal h	Inflamed	NOA1	protein_cc chr4	57829536	57844989	-	3415	1237.64	0	0.180615	0.077141	2.341372	0.021217	0.085759	1
ENSG0000	mucosal h	Inflamed	AQPEP	protein_cc chr5	1.15E+08	1.15E+08	+	6636	7.630072	0.338902	-0.77983	0.333074	-2.34131	0.021221	0.085759	1
ENSG0000	mucosal h	Inflamed	EMILIN1	protein_cc chr2	27301435	27309271	+	3953	7749.062	0	-0.4868	0.207922	-2.34127	0.021223	0.085759	1
ENSG0000	mucosal h	Inflamed	PRKAB1	protein_cc chr12	1.2E+08	1.2E+08	+	6246	3104.621	0	0.263576	0.11259	2.341029	0.021236	0.085798	1
ENSG0000	mucosal h	Inflamed	ZNF252P	pseudoger chr8	1.46E+08	1.46E+08	-	9148	626.4726	0	0.419128	0.179056	2.340761	0.02125	0.085843	1
ENSG0000	mucosal h	Inflamed	LOC10042	pseudoger chr17	67090430	67091640	-	1211	0.844869	0.785203	0.316043	0.135038	2.340399	0.02127	0.085908	1
ENSG0000	mucosal h	Inflamed	PSORS1C3	sense_intr chr6	31141512	31145676	-	593	59.60859	0.040573	0.770349	0.329175	2.340244	0.021278	0.085929	1
ENSG0000	mucosal h	Inflamed	NDUFA7	protein_cc chr19	8373167	8386263	-	580	1.553699	0.575179	0.330791	0.141364	2.340001	0.021291	0.085954	1
ENSG0000	mucosal h	Inflamed	AC012442	lincRNA chr2	1.13E+08	1.13E+08	+	529	3.5179	0.212411	0.372882	0.159354	2.339953	0.021294	0.085954	1
ENSG0000	mucosal h	Inflamed	OR13A1	protein_cc chr10	45798102	45811056	-	2174	5.5179	0.264916	-0.51849	0.221581	-2.33995	0.021294	0.085954	1
ENSG0000	mucosal h	Inflamed	INTU	protein_cc chr4	1.29E+08	1.29E+08	+	16066	205.6945	0.004773	0.573048	0.24498	2.339167	0.021336	0.086111	1
ENSG0000	mucosal h	Inflamed	ATP5C1P1	pseudoger chr14	54457819	54458713	-	895	1.813842	0.522673	0.311087	0.132997	2.339044	0.021343	0.086124	1
ENSG0000	mucosal h	Inflamed	CYSLTR2	protein_cc chr13	49280951	49283498	+	2548	61.47494	0.00716	-0.6343	0.271192	-2.33895	0.021348	0.086131	1
ENSG0000	mucosal h	Inflamed	SBF2	protein_cc chr11	9800214	10315754	-	16767	1414.01	0	0.440593	0.188395	2.338672	0.021363	0.086179	1
ENSG0000	mucosal h	Inflamed	FOLR1	protein_cc chr11	71900602	71907345	+	1577	16.6778	0.131265	0.778747	0.333011	2.338506	0.021372	0.0862	1
ENSG0000	mucosal h	Inflamed	RP11-188C	pseudoger chr9	1.41E+08	1.41E+08	-	1023	25.02148	0.052506	0.592437	0.253346	2.338453	0.021375	0.0862	1
ENSG0000	mucosal h	Inflamed	FAIM3	protein_cc chr1	2.07E+08	2.07E+08	-	2348	956.6635	0	-0.58966	0.252181	-2.33823	0.021387	0.086236	1
ENSG0000	mucosal h	Inflamed	RP11-793I	protein_cc chr12	53900472	54019763	-	2690	45.16468	0.026253	0.62429	0.267005	2.338121	0.021393	0.086243	1
ENSG0000	mucosal h	Inflamed	FPR3	protein_cc chr19	52298416	52329442	+	2772	1111.809	0	-0.44396	0.189881	-2.33808	0.021395	0.086243	1
ENSG0000	mucosal h	Inflamed	ASCL2	protein_cc chr11	2289725	2292182	-	1852	431.253	0	0.543903	0.232639	2.337966	0.021401	0.086244	1
ENSG0000	mucosal h	Inflamed	IFFO1	protein_cc chr12	6647541	6665239	-	5193	907.6014	0	-0.42455	0.181592	-2.33795	0.021402	0.086244	1
ENSG0000	mucosal h	Inflamed	CHST14	protein_cc chr15	40763160	40765353	+	2194	519.3437	0	-0.38205	0.16342	-2.33782	0.021409	0.08626	1
ENSG0000	mucosal h	Inflamed	RP11-297C	antisense chr16	30510087	30510875	-	577	3.386635	0.451074	-0.46431	0.198656	-2.33725	0.02144	0.086369	1
ENSG0000	mucosal h	Inflamed	MFSD6	protein_cc chr2	1.91E+08	1.91E+08	+	6031	2977.167	0	0.411705	0.176168	2.337006	0.021453	0.086411	1
ENSG0000	mucosal h	Inflamed	C1orf210	protein_cc chr1	43747554	43751288	-	1516	1502.623	0	0.631762	0.27037	2.336654	0.021472	0.086474	1
ENSG0000	mucosal h	Inflamed	C7orf13	protein_cc chr7	1.56E+08	1.56E+08	-	2292	124.7876	0	0.266854	0.11422	2.336321	0.02149	0.086534	1
ENSG0000	mucosal h	Inflamed	RP11-38G	lincRNA chr15	80135889	80136646	-	758	4.420048	0.188544	0.392394	0.168007	2.335578	0.021531	0.086683	1
ENSG0000	mucosal h	Inflamed	AC005262	antisense chr19	3121114	3122126	-	472	5.379475	0.341289	-0.56225	0.240826	-2.33466	0.021581	0.086871	1
ENSG0000	mucosal h	Inflamed	RP11-262I	lincRNA chr9	66457285	66469310	+	3038	57.35084	0.026253	-0.72645	0.311199	-2.33435	0.021598	0.086926	1
ENSG0000	mucosal h	Inflamed	RP11-720L	lincRNA chr18	316740	317366	-	492	9.928401	0.059666	0.470962	0.201784	2.333996	0.021617	0.086991	1
ENSG0000	mucosal h	Inflamed	COP55	protein_cc chr8	67955314	67996018	-	7779	1261.234	0	0.35531	0.152242	2.333848	0.021625	0.08701	1
ENSG0000	mucosal h	Inflamed	CEP170B	protein_cc chr14	1.05E+08	1.05E+08	+	7199	10010.15	0	0.425155	0.182186	2.33363	0.021637	0.087045	1
ENSG0000	mucosal h	Inflamed	C1orf85	protein_cc chr1	1.56E+08	1.56E+08	-	3224	1787.298	0	-0.24876	0.106605	-2.33352	0.021643	0.087057	1
ENSG0000	mucosal h	Inflamed	RP11-747I	sense_intr chr14	92223103	92226142	-	3040	150.2005	0.002387	0.837549	0.358949	2.333339	0.021653	0.087073	1
ENSG0000	mucosal h	Inflamed	ROBO1	protein_cc chr3	78646390	79816965	-	10862	1648.952	0	-0.59689	0.25581	-2.33332	0.021654	0.087073	1
ENSG0000	mucosal h	Inflamed	XKR9	protein_cc chr8	71581600	71702606	+	3905	115.6516	0.016706	-0.78652	0.337111	-2.3331	0.021666	0.087107	1
ENSG0000	mucosal h	Inflamed	ADM5	protein_cc chr19	50191921	50193832	+	1718	45.44391	0	-0.38491	0.164985	-2.33299	0.021672	0.08712	1

ENSG0000	mucosal h	Inflamed	CTBP2P8	pseudoger	chr1	68627444	68628773	-	1330	14.24344	0.064439	0.543773	0.233096	2.33283	0.021681	0.087134	1
ENSG0000	mucosal h	Inflamed	RP5-1024M	antisense	chr1	48693560	48695233	-	1674	21.06205	0.064439	0.658887	0.282451	2.332746	0.021686	0.087134	1
ENSG0000	mucosal h	Inflamed	USP2	protein_cc	chr11	1.19E+08	1.19E+08	-	4538	1089.535	0	0.743345	0.318658	2.332741	0.021686	0.087134	1
ENSG0000	mucosal h	Inflamed	MCM3AP-	antisense	chr21	47649131	47679304	+	7605	51.62053	0.019093	0.553052	0.237094	2.332623	0.021692	0.087147	1
ENSG0000	mucosal h	Inflamed	ZFP14	protein_cc	chr19	36827162	36870101	-	6010	221.1217	0	0.511393	0.219334	2.331571	0.02175	0.087366	1
ENSG0000	mucosal h	Inflamed	MSI1	protein_cc	chr12	1.21E+08	1.21E+08	-	3090	89.27924	0.00716	0.489017	0.20975	2.331424	0.021758	0.087379	1
ENSG0000	mucosal h	Inflamed	CISD3	protein_cc	chr17	36886488	36891297	+	2663	2087.795	0	0.305649	0.131103	2.331356	0.021762	0.087379	1
ENSG0000	mucosal h	Inflamed	SLC22A10	protein_cc	chr11	62905339	63137190	+	3207	2.410501	0.675418	-0.49095	0.210589	-2.33133	0.021763	0.087379	1
ENSG0000	mucosal h	Inflamed	RP11-521I	l.sense_ove	chr8	1.02E+08	1.02E+08	-	1142	10.31026	0.121718	0.536874	0.230327	2.330925	0.021786	0.087455	1
ENSG0000	mucosal h	Inflamed	ROS1	protein_cc	chr6	1.18E+08	1.18E+08	-	7856	18.86874	0.116945	0.702374	0.301361	2.330674	0.021799	0.087497	1
ENSG0000	mucosal h	Inflamed	HADH	protein_cc	chr4	1.09E+08	1.09E+08	+	3084	3681.974	0	0.366872	0.157422	2.330494	0.021809	0.087523	1
ENSG0000	mucosal h	Inflamed	C16orf45	protein_cc	chr16	15528152	15718885	+	3688	439.5632	0	-0.45583	0.195615	-2.33024	0.021823	0.08755	1
ENSG0000	mucosal h	Inflamed	KIF13B	protein_cc	chr8	28924796	29120641	-	11112	7841.523	0	0.377996	0.162214	2.330226	0.021824	0.08755	1
ENSG0000	mucosal h	Inflamed	AC006111	pseudoger	chr16	3725411	3727060	+	1649	3.100239	0.329356	0.380994	0.163503	2.330193	0.021826	0.08755	1
ENSG0000	mucosal h	Inflamed	SRRM3	protein_cc	chr7	75831216	75916605	+	6878	126.8019	0	-0.4158	0.178458	-2.32994	0.02184	0.087581	1
ENSG0000	mucosal h	Inflamed	LA16c-OS1	lincRNA	chr16	235747	236293	-	547	7.649165	0.090692	0.428662	0.18398	2.329932	0.02184	0.087581	1
ENSG0000	mucosal h	Inflamed	BCL2	protein_cc	chr18	60790579	60987361	-	7665	989.2482	0	0.461588	0.198124	2.32979	0.021848	0.087599	1
ENSG0000	mucosal h	Inflamed	RP11-105C	lincRNA	chr16	22623864	22624804	-	375	3.75179	0.310263	0.459736	0.197348	2.329566	0.02186	0.087635	1
ENSG0000	mucosal h	Inflamed	PCBD2	protein_cc	chr5	1.34E+08	1.34E+08	+	7171	366.5656	0	0.294841	0.126571	2.329456	0.021867	0.087638	1
ENSG0000	mucosal h	Inflamed	RP11-465E	lincRNA	chr1	1104737	1105723	+	987	898.642	0	0.678071	0.291089	2.329431	0.021868	0.087638	1
ENSG0000	mucosal h	Inflamed	NBPF12	protein_cc	chr1	1.46E+08	1.46E+08	+	13053	186.4916	0	0.430076	0.184641	2.329254	0.021878	0.087664	1
ENSG0000	mucosal h	Inflamed	RP5-908M	lincRNA	chr20	61004604	61006568	+	477	1.782816	0.575179	0.314376	0.134984	2.328993	0.021892	0.087706	1
ENSG0000	mucosal h	Inflamed	ST6GAL2	protein_cc	chr2	1.07E+08	1.08E+08	-	7708	82.48687	0.064439	1.163859	0.499737	2.328942	0.021895	0.087706	1
ENSG0000	mucosal h	Inflamed	TECTB	protein_cc	chr10	1.14E+08	1.14E+08	+	2936	1.916468	0.625298	-0.49478	0.212512	-2.32827	0.021932	0.087842	1
ENSG0000	mucosal h	Inflamed	ADAMTS1	antisense	chr5	1.29E+08	1.29E+08	-	786	1.377088	0.656325	0.300497	0.129075	2.32808	0.021943	0.087871	1
ENSG0000	mucosal h	Inflamed	FAN1	protein_cc	chr15	31196055	31235311	+	6194	1002.048	0	0.40902	0.175697	2.327987	0.021948	0.087878	1
ENSG0000	mucosal h	Inflamed	DNAJC17	protein_cc	chr15	41060067	41099675	-	2919	359.4487	0	0.147394	0.063327	2.327507	0.021974	0.087964	1
ENSG0000	mucosal h	Inflamed	MAEL	protein_cc	chr1	1.67E+08	1.67E+08	+	3043	0.811456	0.799523	0.282448	0.121357	2.327414	0.021979	0.087964	1
ENSG0000	mucosal h	Inflamed	TPT1-AS1	antisense	chr13	45915480	45965872	+	8479	639.5513	0	0.324206	0.139299	2.327412	0.02198	0.087964	1
ENSG0000	mucosal h	Inflamed	BSCL2	protein_cc	chr11	62457747	62477317	-	4004	297.9761	0	-0.20547	0.088286	-2.32736	0.021983	0.087964	1
ENSG0000	mucosal h	Inflamed	HPSE	protein_cc	chr4	84213614	84256306	-	4721	877.3723	0	-0.34076	0.146434	-2.32708	0.021998	0.087991	1
ENSG0000	mucosal h	Inflamed	CD99L2	protein_cc	chrX	1.5E+08	1.5E+08	-	5732	1569.962	0	-0.31774	0.136541	-2.32705	0.022	0.087991	1
ENSG0000	mucosal h	Inflamed	ESYT2	protein_cc	chr7	1.59E+08	1.59E+08	-	7094	4611.31	0	0.31807	0.136687	2.326999	0.022003	0.087991	1
ENSG0000	mucosal h	Inflamed	TMEM55A	protein_cc	chr8	92006024	92053292	-	3066	201.1504	0	-0.45491	0.195493	-2.327	0.022003	0.087991	1
ENSG0000	mucosal h	Inflamed	EIF5A	protein_cc	chr17	7210318	7215774	+	2807	13927.58	0	-0.17541	0.075385	-2.32684	0.022012	0.088009	1
ENSG0000	mucosal h	Inflamed	ANXA2R	protein_cc	chr5	43039335	43043272	-	2234	83.33652	0	-0.42158	0.181185	-2.3268	0.022014	0.088009	1
ENSG0000	mucosal h	Inflamed	FAM85A	antisense	chr8	12051976	12053789	+	1361	17.13604	0.0358	0.429029	0.184395	2.326681	0.02202	0.08802	1
ENSG0000	mucosal h	Inflamed	NKX2-2	protein_cc	chr20	21491648	21494664	-	2092	44.06444	0.040573	0.789421	0.339316	2.326508	0.02203	0.088037	1
ENSG0000	mucosal h	Inflamed	LEFTY1	protein_cc	chr1	2.26E+08	2.26E+08	-	1891	2390.809	0.002387	0.986104	0.42386	2.326485	0.022031	0.088037	1
ENSG0000	mucosal h	Inflamed	GRB14	protein_cc	chr2	1.65E+08	1.65E+08	-	2969	29.83294	0.011933	0.576247	0.247705	2.326344	0.022039	0.088047	1

ENSG0000	mucosal h	Inflamed	HSPA5	protein_cc	chr9	1.28E+08	1.28E+08	-	3908	24317.06	0	-0.38992	0.167612	-2.32632	0.02204	0.088047	1
ENSG0000	mucosal h	Inflamed	RPL29P24	pseudoger	chr12	1.21E+08	1.21E+08	-	453	5.568019	0.157518	0.421879	0.181359	2.326203	0.022047	0.08806	1
ENSG0000	mucosal h	Inflamed	AC007566	antisense	chr7	92086878	92120924	+	701	26.61575	0.052506	0.621478	0.267179	2.326078	0.022054	0.088074	1
ENSG0000	mucosal h	Inflamed	TEX38	protein_cc	chr1	47134527	47139266	+	1545	0.914081	0.75179	0.254845	0.109563	2.326004	0.022058	0.088077	1
ENSG0000	mucosal h	Inflamed	RP5-894A1	sense_intr	chr7	1.41E+08	1.41E+08	-	925	106.8258	0.004773	0.511024	0.219734	2.325647	0.022078	0.088143	1
ENSG0000	mucosal h	Inflamed	MS4A8	protein_cc	chr11	60467047	60483284	+	2583	592.1957	0.00716	0.761958	0.327655	2.325492	0.022086	0.088164	1
ENSG0000	mucosal h	Inflamed	WAC-AS1	antisense	chr10	28811581	28821672	-	2943	489.1838	0	0.374609	0.161122	2.324998	0.022114	0.088261	1
ENSG0000	mucosal h	Inflamed	LINC00501	lincRNA	chr3	1.77E+08	1.77E+08	+	2046	26.98329	0.026253	0.613056	0.263715	2.324696	0.022131	0.088315	1
ENSG0000	mucosal h	Inflamed	RP11-455F	antisense	chr16	30107751	30115437	+	1650	24.50119	0	-0.46185	0.198694	-2.32441	0.022147	0.088364	1
ENSG0000	mucosal h	Inflamed	SNORA60	snoRNA	chr20	37078013	37078146	+	134	4.670644	0.205251	0.412362	0.177419	2.324225	0.022157	0.088393	1
ENSG0000	mucosal h	Inflamed	ZFYVE28	protein_cc	chr4	2271309	2420390	-	9624	1312.597	0	0.322384	0.138732	2.323789	0.022181	0.088468	1
ENSG0000	mucosal h	Inflamed	METTL18	protein_cc	chr1	1.7E+08	1.7E+08	-	1578	136.6587	0	0.344291	0.148161	2.323768	0.022183	0.088468	1
ENSG0000	mucosal h	Inflamed	CDCA4	protein_cc	chr14	1.05E+08	1.05E+08	-	2513	405.389	0	-0.24666	0.106155	-2.32359	0.022193	0.088483	1
ENSG0000	mucosal h	Inflamed	PFKP	protein_cc	chr10	3108525	3179904	+	4827	6112.334	0	-0.28166	0.121216	-2.32358	0.022193	0.088483	1
ENSG0000	mucosal h	Inflamed	RP11-361L	processed	chr16	66976615	66997159	+	317	0.990453	0.76611	0.207459	0.089286	2.323519	0.022197	0.088483	1
ENSG0000	mucosal h	Inflamed	EMP2	protein_cc	chr16	10622279	10674555	-	8718	5082.048	0	0.260134	0.111961	2.323423	0.022202	0.088491	1
ENSG0000	mucosal h	Inflamed	RP6-74O6	lincRNA	chr1	1.48E+08	1.48E+08	-	442	4.706444	0.202864	0.407937	0.175598	2.323128	0.022218	0.088533	1
ENSG0000	mucosal h	Inflamed	CFL1P6	pseudoger	chr1	11051035	11051854	-	494	1.52506	0.622912	0.329922	0.14202	2.323067	0.022222	0.088533	1
ENSG0000	mucosal h	Inflamed	RP11-392F	antisense	chr12	13080660	13137579	+	3416	81.61575	0	0.433193	0.186476	2.323056	0.022222	0.088533	1
ENSG0000	mucosal h	Inflamed	SHC3	protein_cc	chr9	91628060	91793682	-	2555	45.21718	0.033413	-0.92325	0.397461	-2.32287	0.022233	0.088551	1
ENSG0000	mucosal h	Inflamed	HN1L	protein_cc	chr16	1728257	1752281	+	4768	3270.621	0	0.221228	0.09524	2.322839	0.022235	0.088551	1
ENSG0000	mucosal h	Inflamed	RP11-182I	lincRNA	chr1	65437908	65468159	-	4326	11.11695	0.119332	0.587946	0.25312	2.322792	0.022237	0.088551	1
ENSG0000	mucosal h	Inflamed	ING4	protein_cc	chr12	6759446	6772314	-	2736	605.9499	0	0.213181	0.091786	2.322582	0.022249	0.088585	1
ENSG0000	mucosal h	Inflamed	LDHAP4	pseudoger	chr9	14921335	14922332	-	998	138.3079	0.004773	-0.44984	0.193705	-2.32228	0.022266	0.088638	1
ENSG0000	mucosal h	Inflamed	RP11-285A	lincRNA	chr15	78433585	78435515	+	1931	5.603819	0.193317	0.453376	0.195243	2.322113	0.022275	0.088638	1
ENSG0000	mucosal h	Inflamed	RP11-466F	lincRNA	chr5	75627662	75629781	+	2120	5.27685	0.27685	0.507439	0.218525	2.322111	0.022275	0.088638	1
ENSG0000	mucosal h	Inflamed	IGKV1D-37	IG_V_gene	chr2	89923550	89924026	+	353	0.928401	0.799523	-0.367	0.158046	-2.3221	0.022276	0.088638	1
ENSG0000	mucosal h	Inflamed	SIPA1L3	protein_cc	chr19	38397868	38699012	+	10335	6235.675	0	0.406228	0.17495	2.32197	0.022283	0.08865	1
ENSG0000	mucosal h	Inflamed	SNORA16E	snoRNA	chr1	2.13E+08	2.13E+08	+	135	1.553699	0.606205	0.345233	0.148685	2.321906	0.022287	0.08865	1
ENSG0000	mucosal h	Inflamed	RN7SL441	misc_RNA	chr12	1.1E+08	1.1E+08	-	294	1.599045	0.594272	0.327008	0.14084	2.321843	0.02229	0.08865	1
ENSG0000	mucosal h	Inflamed	KRCC1	protein_cc	chr2	88326724	88355248	-	1753	1297.074	0	0.388673	0.167401	2.32181	0.022292	0.08865	1
ENSG0000	mucosal h	Inflamed	CCL13	protein_cc	chr17	32683471	32685629	+	851	318.21	0	-0.74691	0.321745	-2.32142	0.022314	0.088723	1
ENSG0000	mucosal h	Inflamed	SNAP29	protein_cc	chr22	21213271	21245506	+	4953	1678.368	0	0.179603	0.077371	2.321315	0.02232	0.088726	1
ENSG0000	mucosal h	Inflamed	TMEM242	protein_cc	chr6	1.58E+08	1.58E+08	-	4644	421.8091	0	0.272573	0.117423	2.321292	0.022321	0.088726	1
ENSG0000	mucosal h	Inflamed	LPCAT3	protein_cc	chr12	7085348	7125814	-	4724	3547.103	0	0.29056	0.12518	2.321139	0.02233	0.088746	1
ENSG0000	mucosal h	Inflamed	IGDCC4	protein_cc	chr15	65673802	65715410	-	7764	829.7279	0.002387	-0.64001	0.275768	-2.32084	0.022347	0.088795	1
ENSG0000	mucosal h	Inflamed	ZBTB42	protein_cc	chr14	1.05E+08	1.05E+08	+	3905	706.7041	0	0.235885	0.101641	2.320779	0.02235	0.088795	1
ENSG0000	mucosal h	Inflamed	ZFP3	protein_cc	chr17	4981543	4999669	+	5206	518.9451	0.002387	0.59435	0.256104	2.32074	0.022353	0.088795	1
ENSG0000	mucosal h	Inflamed	CTD-2574I	antisense	chr16	29938157	29940254	+	1762	24.72554	0.031026	0.409229	0.176355	2.320489	0.022367	0.088838	1
ENSG0000	mucosal h	Inflamed	CARNS1	protein_cc	chr11	67182439	67193078	+	5670	74.26969	0	-0.4393	0.18934	-2.32018	0.022384	0.088894	1

ENSG0000	mucosal h	Inflamed	LINC00092	lincRNA	chr9	98782014	98790247	-	2306	37.62053	0.009547	0.591471	0.254972	2.319746	0.022409	0.088978	1
ENSG0000	mucosal h	Inflamed	STAG3L1	pseudoger	chr7	74988448	75024657	+	2917	47.30072	0.026253	0.485005	0.209097	2.319522	0.022421	0.089014	1
ENSG0000	mucosal h	Inflamed	RP11-7671	sense_intr	chr1	46160356	46162747	-	598	40.20286	0.011933	0.44791	0.193111	2.319447	0.022425	0.089018	1
ENSG0000	mucosal h	Inflamed	MT-TN	Mt_tRNA	chrM	5657	5729	-	73	2.48926	0.431981	0.361537	0.15591	2.318873	0.022458	0.089133	1
ENSG0000	mucosal h	Inflamed	SRP68	protein_cc	chr17	74035184	74068734	-	7313	2740.57	0	-0.21536	0.092877	-2.31877	0.022463	0.089142	1
ENSG0000	mucosal h	Inflamed	DHRS3	protein_cc	chr1	12627939	12677737	-	3037	2047.425	0	0.318166	0.137217	2.318708	0.022467	0.089142	1
ENSG0000	mucosal h	Inflamed	RP11-2531	antisense	chr15	69689243	69707368	-	2265	9.608592	0.095465	-0.55395	0.238911	-2.31865	0.02247	0.089142	1
ENSG0000	mucosal h	Inflamed	RP11-175C	antisense	chr10	98752207	98755716	+	3510	422.0859	0	0.528291	0.227946	2.317609	0.022529	0.089363	1
ENSG0000	mucosal h	Inflamed	S1PR3	protein_cc	chr9	91606362	91619925	+	8754	506.0072	0.002387	-0.67502	0.291305	-2.31722	0.022552	0.089426	1
ENSG0000	mucosal h	Inflamed	COL3A1	protein_cc	chr2	1.9E+08	1.9E+08	+	6816	77694.9	0	-0.59379	0.256252	-2.31721	0.022552	0.089426	1
ENSG0000	mucosal h	Inflamed	CTB-102L5	sense_intr	chr19	38675016	38676905	+	1890	7.384248	0.140811	0.488699	0.210907	2.317131	0.022556	0.08943	1
ENSG0000	mucosal h	Inflamed	RP4-669H2	antisense	chr20	52014199	52029448	-	3280	4.236277	0.377088	0.480253	0.207282	2.316906	0.022569	0.089467	1
ENSG0000	mucosal h	Inflamed	RPE65	protein_cc	chr1	68894505	68915642	-	2610	3.405728	0.350835	0.460474	0.198796	2.316322	0.022602	0.089569	1
ENSG0000	mucosal h	Inflamed	ZNF681	protein_cc	chr19	23921997	23941693	-	6497	103.8807	0.002387	0.543755	0.234751	2.3163	0.022604	0.089569	1
ENSG0000	mucosal h	Inflamed	RP11-153k	lincRNA	chr10	69993008	70002136	-	561	2.186158	0.644391	0.309858	0.133774	2.316275	0.022605	0.089569	1
ENSG0000	mucosal h	Inflamed	SGTB	protein_cc	chr5	64961755	65018862	-	5748	191.3604	0	-0.54231	0.234147	-2.31612	0.022614	0.08958	1
ENSG0000	mucosal h	Inflamed	HIBCH	protein_cc	chr2	1.91E+08	1.91E+08	-	7438	923.2554	0	0.39459	0.170369	2.316087	0.022616	0.08958	1
ENSG0000	mucosal h	Inflamed	RP3-510D2	lincRNA	chr1	92422263	9252148	+	985	13.65632	0.038186	-0.42537	0.183664	-2.31605	0.022618	0.08958	1
ENSG0000	mucosal h	Inflamed	ADAT3	protein_cc	chr19	1905377	1913444	+	2235	370.8663	0	0.280426	0.121093	2.315787	0.022633	0.089625	1
ENSG0000	mucosal h	Inflamed	AC004066	pseudoger	chr4	1.06E+08	1.06E+08	-	802	0.928401	0.747017	0.263031	0.113619	2.315031	0.022676	0.089782	1
ENSG0000	mucosal h	Inflamed	TUSC1	protein_cc	chr9	25676396	25678856	-	2461	534.358	0	0.277494	0.119882	2.314717	0.022694	0.089835	1
ENSG0000	mucosal h	Inflamed	RP11-755F	antisense	chr11	66027038	66029305	-	539	4.02864	0.324582	0.419558	0.18126	2.314677	0.022696	0.089835	1
ENSG0000	mucosal h	Inflamed	CYP4F2	protein_cc	chr19	15988833	16008930	-	2998	252.3389	0.023866	1.031323	0.445584	2.314541	0.022704	0.089852	1
ENSG0000	mucosal h	Inflamed	LSG1	protein_cc	chr3	1.94E+08	1.94E+08	-	4818	1445.117	0	0.354509	0.153173	2.314429	0.02271	0.089864	1
ENSG0000	mucosal h	Inflamed	RNF25	protein_cc	chr2	2.2E+08	2.2E+08	-	2323	503.3699	0	-0.16684	0.072089	-2.31436	0.022714	0.089865	1
ENSG0000	mucosal h	Inflamed	SFMBT1	protein_cc	chr3	52937588	53080766	-	5676	727.9379	0	0.34344	0.148415	2.314047	0.022732	0.089923	1
ENSG0000	mucosal h	Inflamed	TMTC1	protein_cc	chr12	29653773	29937692	-	14636	627.6205	0	-0.63001	0.272291	-2.31373	0.02275	0.089979	1
ENSG0000	mucosal h	Inflamed	MRPS30	protein_cc	chr5	44809027	44820530	+	6202	935.0382	0	0.255311	0.110348	2.313681	0.022753	0.089979	1
ENSG0000	mucosal h	Inflamed	ST3GALS5	protein_cc	chr2	86066267	86116137	-	5701	456.253	0	-0.49276	0.213003	-2.31338	0.02277	0.09002	1
ENSG0000	mucosal h	Inflamed	ZNF385A	protein_cc	chr12	54762917	54785082	-	3179	1027.119	0	-0.45212	0.195444	-2.31328	0.022776	0.09002	1
ENSG0000	mucosal h	Inflamed	RP11-179A	lincRNA	chr11	11139401	11205158	+	1833	8.050119	0.155131	-0.53621	0.231798	-2.31327	0.022777	0.09002	1
ENSG0000	mucosal h	Inflamed	CYP27A1	protein_cc	chr2	2.2E+08	2.2E+08	+	2983	1570.029	0	0.386809	0.167214	2.313261	0.022777	0.09002	1
ENSG0000	mucosal h	Inflamed	SMAGP	protein_cc	chr12	51638342	51664674	-	3558	2377.733	0	0.314161	0.135815	2.313153	0.022783	0.090025	1
ENSG0000	mucosal h	Inflamed	LRRC43	protein_cc	chr12	1.23E+08	1.23E+08	+	2775	7.281623	0.042959	-0.38715	0.167372	-2.31312	0.022785	0.090025	1
ENSG0000	mucosal h	Inflamed	RAB30	protein_cc	chr11	82684175	82782965	-	11701	717.3007	0	-0.48434	0.209398	-2.313	0.022792	0.090034	1
ENSG0000	mucosal h	Inflamed	GNA12	protein_cc	chr7	2767746	2883958	-	6120	2952.974	0	-0.29178	0.12615	-2.31296	0.022794	0.090034	1
ENSG0000	mucosal h	Inflamed	TRIM13	protein_cc	chr13	50570024	50594617	+	8080	853.21	0	0.373914	0.161678	2.312717	0.022808	0.090075	1
ENSG0000	mucosal h	Inflamed	MAZ	protein_cc	chr16	29817427	29823649	+	4038	10068.44	0	0.238771	0.103253	2.312485	0.022822	0.090111	1
ENSG0000	mucosal h	Inflamed	RNF44	protein_cc	chr5	1.76E+08	1.76E+08	-	5660	3646.852	0	0.345886	0.149576	2.312439	0.022824	0.090111	1
ENSG0000	mucosal h	Inflamed	CTB-60B18	lincRNA	chr19	49521504	49522741	-	493	2.446301	0.477327	-0.39664	0.171538	-2.31226	0.022835	0.090139	1

ENSG0000	mucosal h	Inflamed	TMEFF2	protein_cc chr2	1.93E+08	1.93E+08	-	6632	6.229117	0.377088	0.690632	0.298706	2.312079	0.022845	0.090165	1
ENSG0000	mucosal h	Inflamed	GRSF1	protein_cc chr4	71681499	71705662	-	7785	3542.105	0	0.266096	0.115105	2.311766	0.022863	0.090223	1
ENSG0000	mucosal h	Inflamed	LRR8D	protein_cc chr1	90286573	90402170	+	4852	1112.833	0	0.372736	0.161243	2.311638	0.02287	0.090234	1
ENSG0000	mucosal h	Inflamed	AC002116	antisense chr19	36505410	36536874	+	643	11.97852	0.016706	0.357077	0.154478	2.3115	0.022878	0.090234	1
ENSG0000	mucosal h	Inflamed	FLVCR1	protein_cc chr1	2.13E+08	2.13E+08	+	6442	572.9785	0	0.42703	0.184743	2.311479	0.022879	0.090234	1
ENSG0000	mucosal h	Inflamed	ZNF334	protein_cc chr20	45129701	45142198	-	5286	60.33413	0.019093	0.63633	0.275291	2.311476	0.022879	0.090234	1
ENSG0000	mucosal h	Inflamed	TPGS2	protein_cc chr18	34359987	34409158	-	8082	1441.174	0	-0.19405	0.083957	-2.31135	0.022887	0.090248	1
ENSG0000	mucosal h	Inflamed	PARP9	protein_cc chr3	1.22E+08	1.22E+08	-	8938	2620.609	0	-0.51266	0.221821	-2.31116	0.022898	0.090262	1
ENSG0000	mucosal h	Inflamed	SLC6A19	protein_cc chr5	1201710	1225232	+	5276	1402.387	0.038186	1.475875	0.638592	2.311138	0.022899	0.090262	1
ENSG0000	mucosal h	Inflamed	08-Mar	protein_cc chr10	45950035	46090354	-	7537	3106.379	0	0.250943	0.108583	2.311068	0.022903	0.090262	1
ENSG0000	mucosal h	Inflamed	UNC119	protein_cc chr17	26873725	26879686	-	5128	1181.8	0	-0.24856	0.107553	-2.31105	0.022904	0.090262	1
ENSG0000	mucosal h	Inflamed	GLTPD1	protein_cc chr1	1260136	1264277	+	2556	2895.107	0	0.251361	0.108772	2.310902	0.022913	0.090283	1
ENSG0000	mucosal h	Inflamed	PSTPIP1	protein_cc chr15	77285700	77329673	+	4468	393.8544	0.002387	-0.46406	0.200823	-2.31081	0.022918	0.090286	1
ENSG0000	mucosal h	Inflamed	C1orf106	protein_cc chr1	2.01E+08	2.01E+08	+	5413	6366.816	0	0.590945	0.255735	2.310768	0.02292	0.090286	1
ENSG0000	mucosal h	Inflamed	CEBPG	protein_cc chr19	33864236	33873592	+	4411	2857.308	0	0.399459	0.172883	2.310568	0.022932	0.090316	1
ENSG0000	mucosal h	Inflamed	ALOXE3	protein_cc chr17	7999218	8022365	-	3760	3.100239	0.46778	-0.55407	0.239801	-2.31052	0.022935	0.090316	1
ENSG0000	mucosal h	Inflamed	PLXNC1	protein_cc chr12	94542499	94701451	+	9887	1259.842	0	-0.5609	0.242766	-2.31045	0.022938	0.090317	1
ENSG0000	mucosal h	Inflamed	CD5	protein_cc chr11	60869867	60895324	+	3221	677.0644	0	-0.48778	0.211147	-2.31015	0.022956	0.090354	1
ENSG0000	mucosal h	Inflamed	FAM71E1	protein_cc chr19	50970042	50980010	-	1566	47.27446	0	0.310562	0.134438	2.310085	0.02296	0.090354	1
ENSG0000	mucosal h	Inflamed	LL21NC02	antisense chr21	46356218	46356869	+	652	12.12649	0.143198	-0.62512	0.270605	-2.31007	0.02296	0.090354	1
ENSG0000	mucosal h	Inflamed	CTNS	protein_cc chr17	3539762	3564836	+	3398	788.0692	0	-0.19521	0.084509	-2.30991	0.02297	0.090354	1
ENSG0000	mucosal h	Inflamed	ASIP	protein_cc chr20	32782375	32857150	+	778	2.140811	0.484487	-0.29701	0.128581	-2.3099	0.02297	0.090354	1
ENSG0000	mucosal h	Inflamed	MAP3K6	protein_cc chr1	27681675	27693383	-	4951	1519.129	0	-0.34058	0.147442	-2.30989	0.022971	0.090354	1
ENSG0000	mucosal h	Inflamed	IER5L	protein_cc chr9	1.32E+08	1.32E+08	-	2706	591.3103	0	-0.38746	0.167742	-2.30987	0.022972	0.090354	1
ENSG0000	mucosal h	Inflamed	RP11-84C1	lincRNA chr4	90040435	90041022	+	588	4.926014	0.162291	0.424341	0.183723	2.309678	0.022983	0.090378	1
ENSG0000	mucosal h	Inflamed	GTF2H2B	pseudoger chr5	69711179	69743885	+	4028	30.63484	0.057279	0.502858	0.217721	2.309647	0.022985	0.090378	1
ENSG0000	mucosal h	Inflamed	EEF1A1P3	pseudoger chrX	1.19E+08	1.19E+08	-	1335	2.990453	0.338902	0.392319	0.169876	2.309447	0.022996	0.09041	1
ENSG0000	mucosal h	Inflamed	PLBD2	protein_cc chr12	1.14E+08	1.14E+08	+	3033	1733.272	0	-0.3336	0.144457	-2.30935	0.023002	0.090419	1
ENSG0000	mucosal h	Inflamed	LAMTOR3	protein_cc chr4	1.01E+08	1.01E+08	-	4226	1017.053	0	0.321603	0.139291	2.308852	0.023031	0.090518	1
ENSG0000	mucosal h	Inflamed	ZNF799	protein_cc chr19	12500830	12512085	-	5055	143.8568	0.004773	0.562066	0.243501	2.308272	0.023064	0.090636	1
ENSG0000	mucosal h	Inflamed	NPAS3	protein_cc chr14	33404139	34273382	+	9241	32.04773	0.033413	0.484263	0.2098	2.308217	0.023067	0.090636	1
ENSG0000	mucosal h	Inflamed	AXIN1	protein_cc chr16	337440	402673	-	7487	2666.621	0	0.259412	0.112391	2.308123	0.023073	0.090644	1
ENSG0000	mucosal h	Inflamed	ARHGEF11	protein_cc chr1	1.57E+08	1.57E+08	-	9392	4441.117	0	0.309665	0.134182	2.307802	0.023092	0.090703	1
ENSG0000	mucosal h	Inflamed	HTR4-IT1	sense_intr chr5	1.48E+08	1.48E+08	-	1704	1.947494	0.587112	0.414406	0.179572	2.307744	0.023095	0.090703	1
ENSG0000	mucosal h	Inflamed	CYC1	protein_cc chr8	1.45E+08	1.45E+08	+	1975	5648.033	0	0.254271	0.1102	2.307361	0.023117	0.090774	1
ENSG0000	mucosal h	Inflamed	RP11-21A7	antisense chr11	63885744	63886682	-	575	8.305489	0.085919	0.433343	0.187813	2.307313	0.02312	0.090774	1
ENSG0000	mucosal h	Inflamed	TGM3	protein_cc chr20	2276647	2321724	+	2693	43.92363	0.004773	0.588263	0.255004	2.306876	0.023145	0.09086	1
ENSG0000	mucosal h	Inflamed	RP11-245J	lincRNA chr3	63993758	63994368	-	611	1.930788	0.5179	0.35934	0.15578	2.306716	0.023154	0.09087	1
ENSG0000	mucosal h	Inflamed	RTKN	protein_cc chr2	74652963	74669549	-	5005	1403.053	0	0.296094	0.128362	2.306711	0.023155	0.09087	1
ENSG0000	mucosal h	Inflamed	SIX2	protein_cc chr2	45232300	45236569	-	2205	7.749403	0.245823	-0.68278	0.296054	-2.30626	0.023181	0.090945	1

ENSG0000	mucosal h	Inflamed	IGFN1	protein_cc	chr1	2.01E+08	2.01E+08	+	12116	23.65632	0.193317	0.899257	0.389925	2.306232	0.023183	0.090945	1
ENSG0000	mucosal h	Inflamed	RP4-647C1	antisense	chr14	73738890	73740789	-	777	21.72315	0.019093	0.504532	0.218771	2.306205	0.023184	0.090945	1
ENSG0000	mucosal h	Inflamed	NCMAP	protein_cc	chr1	24882602	24935819	+	4122	118.8783	0	-0.46888	0.203345	-2.30583	0.023206	0.091016	1
ENSG0000	mucosal h	Inflamed	MAGED1	protein_cc	chrX	51546103	51645453	+	6016	6151.752	0	-0.26746	0.115998	-2.30573	0.023212	0.091025	1
ENSG0000	mucosal h	Inflamed	RP4-549L2	antisense	chr1	1.01E+08	1.01E+08	+	429	8.023866	0.042959	0.394567	0.17118	2.304987	0.023255	0.091182	1
ENSG0000	mucosal h	Inflamed	FSD1	protein_cc	chr19	4304597	4323840	+	3111	45.52029	0.002387	-0.41909	0.181849	-2.30458	0.023279	0.091261	1
ENSG0000	mucosal h	Inflamed	HUG1	protein_cc	chr10	1.03E+08	1.03E+08	+	1089	2.770883	0.486874	0.445125	0.19316	2.304432	0.023287	0.091282	1
ENSG0000	mucosal h	Inflamed	RP11-104J	lincRNA	chr17	34339544	34339931	+	388	1.367542	0.642005	0.311869	0.135358	2.304027	0.023311	0.091361	1
ENSG0000	mucosal h	Inflamed	ZNF514	protein_cc	chr2	95813075	95831158	-	6813	571.2506	0	0.526123	0.228368	2.303839	0.023322	0.09139	1
ENSG0000	mucosal h	Inflamed	PDLIM4	protein_cc	chr5	1.32E+08	1.32E+08	+	3192	557.9785	0	-0.58187	0.252617	-2.30336	0.02335	0.091483	1
ENSG0000	mucosal h	Inflamed	ARFGAP3	protein_cc	chr22	43192508	43254112	-	3381	2192.253	0	-0.43069	0.186987	-2.30332	0.023353	0.091483	1
ENSG0000	mucosal h	Inflamed	hsa-mir-11	protein_cc	chr19	14183348	14185874	+	2252	1010.255	0	0.383678	0.166585	2.303193	0.02336	0.09149	1
ENSG0000	mucosal h	Inflamed	NUDT11	protein_cc	chrX	51232863	51239448	-	2385	22.85919	0.016706	-0.47783	0.207466	-2.30316	0.023362	0.09149	1
ENSG0000	mucosal h	Inflamed	NAT14	protein_cc	chr19	55996371	55998935	+	2163	198.4869	0	-0.38669	0.167898	-2.30311	0.023365	0.09149	1
ENSG0000	mucosal h	Inflamed	RP11-15N	sense_ove	chr3	99898411	99900574	+	2164	4.50358	0.217184	0.464388	0.201657	2.302867	0.023379	0.09152	1
ENSG0000	mucosal h	Inflamed	KCNG3	protein_cc	chr2	42669157	42721237	-	3824	28.18377	0.040573	0.590461	0.256423	2.302682	0.02339	0.09152	1
ENSG0000	mucosal h	Inflamed	MGAM	protein_cc	chr7	1.42E+08	1.42E+08	+	10767	642.1169	0.002387	-0.9995	0.434061	-2.30267	0.023391	0.09152	1
ENSG0000	mucosal h	Inflamed	SLC2A2	protein_cc	chr3	1.71E+08	1.71E+08	-	3417	28.05012	0.553699	-0.64211	0.278863	-2.30261	0.023394	0.09152	1
ENSG0000	mucosal h	Inflamed	GOLPH3L	protein_cc	chr1	1.51E+08	1.51E+08	-	3339	1937.723	0	0.35829	0.155604	2.302574	0.023396	0.09152	1
ENSG0000	mucosal h	Inflamed	LINC00959	lincRNA	chr10	1.32E+08	1.32E+08	-	2843	44.31265	0	0.310693	0.134933	2.302563	0.023397	0.09152	1
ENSG0000	mucosal h	Inflamed	ARF3	protein_cc	chr12	49329506	49351334	-	5002	12605.73	0	0.284044	0.12336	2.302559	0.023397	0.09152	1
ENSG0000	mucosal h	Inflamed	AP001324	pseudoger	chr11	74409389	74409869	-	480	4.083532	0.546539	-0.64891	0.281838	-2.3024	0.023406	0.091543	1
ENSG0000	mucosal h	Inflamed	UBAC1	protein_cc	chr9	1.39E+08	1.39E+08	-	2979	1523.661	0	0.161219	0.070026	2.302254	0.023415	0.091561	1
ENSG0000	mucosal h	Inflamed	RP11-466L	lincRNA	chr1	56046710	56200675	+	4063	0.868735	0.789976	0.309024	0.13423	2.302202	0.023418	0.091561	1
ENSG0000	mucosal h	Inflamed	IDS	protein_cc	chrX	1.49E+08	1.49E+08	-	3311	29.179	0.064439	0.619058	0.268935	2.301893	0.023436	0.091617	1
ENSG0000	mucosal h	Inflamed	RP1-8B1.4	antisense	chr6	46064830	46097443	-	739	11.5537	0.026253	0.464848	0.201946	2.301839	0.023439	0.091617	1
ENSG0000	mucosal h	Inflamed	SPTBN2	protein_cc	chr11	66452719	66496697	-	9131	589.7804	0	-0.50921	0.221234	-2.30169	0.023448	0.091638	1
ENSG0000	mucosal h	Inflamed	RP1-86D1	sense_intr	chr6	1.29E+08	1.29E+08	-	1904	1.360382	0.653938	0.324898	0.141167	2.30152	0.023458	0.091663	1
ENSG0000	mucosal h	Inflamed	DERL2	protein_cc	chr17	5374571	5390131	-	6386	1255.255	0	-0.23513	0.102176	-2.30118	0.023478	0.091728	1
ENSG0000	mucosal h	Inflamed	CDC42EP3	protein_cc	chr2	37869032	37965611	-	10216	1164.819	0	0.336496	0.146252	2.300797	0.023501	0.091802	1
ENSG0000	mucosal h	Inflamed	TMEM125	protein_cc	chr1	43735665	43739673	+	2127	1437.504	0	0.51593	0.224247	2.300723	0.023505	0.091806	1
ENSG0000	mucosal h	Inflamed	RP11-44F1	lincRNA	chr16	53407405	53418657	+	1106	36.84487	0.02148	0.456134	0.19831	2.300102	0.023541	0.091922	1
ENSG0000	mucosal h	Inflamed	DNASE1L1	protein_cc	chrX	1.54E+08	1.54E+08	-	4130	1319.294	0	-0.14202	0.061745	-2.3001	0.023542	0.091922	1
ENSG0000	mucosal h	Inflamed	RP11-586L	lincRNA	chr4	6204055	6208376	+	4121	1	0.77327	-0.36581	0.159062	-2.29977	0.023561	0.091984	1
ENSG0000	mucosal h	Inflamed	AC002480	antisense	chr7	22629324	22631241	+	557	1.031026	0.718377	-0.30457	0.132457	-2.29939	0.023583	0.092058	1
ENSG0000	mucosal h	Inflamed	AC104809	processed	chr2	2.42E+08	2.42E+08	-	2656	19.00239	0.126492	-0.77353	0.336559	-2.29836	0.023644	0.092282	1
ENSG0000	mucosal h	Inflamed	ESM1	protein_cc	chr5	54273692	54318499	-	2695	13.17184	0.190931	-0.76202	0.33156	-2.29829	0.023649	0.092284	1
ENSG0000	mucosal h	Inflamed	RP11-511F	pseudoger	chr12	1.02E+08	1.02E+08	-	642	2.878282	0.381862	0.400566	0.174305	2.298081	0.023661	0.092306	1
ENSG0000	mucosal h	Inflamed	ICK	protein_cc	chr6	52866077	52926600	-	6259	935.136	0	0.459133	0.199795	2.298024	0.023664	0.092306	1
ENSG0000	mucosal h	Inflamed	NIPSNAP3	protein_cc	chr9	1.08E+08	1.08E+08	+	2585	734.5776	0	0.312965	0.136189	2.298016	0.023665	0.092306	1

ENSG0000	mucosal h	Inflamed	RP11-217t	pseudoger	chrX	79528830	79565669	-	500	2.608592	0.451074	0.405617	0.176536	2.297638	0.023687	0.09238	1
ENSG0000	mucosal h	Inflamed	NPR3	protein_cc	chr5	32689176	32791819	+	9855	8.155131	0.121718	0.526361	0.229117	2.297348	0.023704	0.092433	1
ENSG0000	mucosal h	Inflamed	TMEM186	protein_cc	chr16	8874241	8891505	-	1978	323.3389	0	0.178645	0.07777	2.297095	0.023719	0.092478	1
ENSG0000	mucosal h	Inflamed	EPB41L4A	lincRNA	chr5	1.11E+08	1.11E+08	+	3344	343.4988	0	0.249424	0.108593	2.296862	0.023733	0.092518	1
ENSG0000	mucosal h	Inflamed	SEMA6D	protein_cc	chr15	47476298	48066420	+	8560	1519.795	0	0.595104	0.259115	2.296678	0.023744	0.092547	1
ENSG0000	mucosal h	Inflamed	MLPH	protein_cc	chr2	2.38E+08	2.38E+08	+	7514	4384.217	0	0.40485	0.17629	2.296507	0.023754	0.092573	1
ENSG0000	mucosal h	Inflamed	TMCO6	protein_cc	chr5	1.4E+08	1.4E+08	+	3502	473.2339	0	0.235572	0.102589	2.296265	0.023769	0.092615	1
ENSG0000	mucosal h	Inflamed	PLA2G2A	protein_cc	chr1	20301925	20306932	-	1654	20639.56	0	-0.7532	0.328045	-2.29601	0.023784	0.09266	1
ENSG0000	mucosal h	Inflamed	IL5	protein_cc	chr5	1.32E+08	1.32E+08	-	1587	2.453461	0.651551	-0.53289	0.232114	-2.29581	0.023796	0.092694	1
ENSG0000	mucosal h	Inflamed	CIDEB	protein_cc	chr14	24774302	24780636	-	3198	795.7232	0	-0.27201	0.118489	-2.29569	0.023803	0.092695	1
ENSG0000	mucosal h	Inflamed	TRABD2B	protein_cc	chr1	48226200	48462567	-	7034	193.821	0.002387	-0.52821	0.23009	-2.29568	0.023803	0.092695	1
ENSG0000	mucosal h	Inflamed	RD3	protein_cc	chr1	2.12E+08	2.12E+08	-	4266	6.494033	0.188544	-0.50019	0.217916	-2.29531	0.023826	0.092769	1
ENSG0000	mucosal h	Inflamed	GFRA2	protein_cc	chr8	21547915	21669869	-	5731	355.1241	0	0.457635	0.199415	2.294884	0.023851	0.092853	1
ENSG0000	mucosal h	Inflamed	SCGN	protein_cc	chr6	25652464	25702011	+	1447	98.6969	0.011933	0.766206	0.333918	2.294591	0.023868	0.092892	1
ENSG0000	mucosal h	Inflamed	TAF4	protein_cc	chr20	60528525	60640866	-	9808	1063.301	0	0.29029	0.126511	2.294577	0.023869	0.092892	1
ENSG0000	mucosal h	Inflamed	TRBV11-2	lincRNA	chr7	1.42E+08	1.42E+08	-	408	14.46778	0.052506	-0.49288	0.214804	-2.29454	0.023871	0.092892	1
ENSG0000	mucosal h	Inflamed	CTD-3065J	antisense	chr8	1.45E+08	1.45E+08	+	1818	13.03341	0.042959	-0.50729	0.221098	-2.29439	0.02388	0.092912	1
ENSG0000	mucosal h	Inflamed	MT-TE	Mt_tRNA	chrM	14674	14742	-	69	116.4606	0	0.508459	0.22162	2.294286	0.023886	0.092923	1
ENSG0000	mucosal h	Inflamed	FUT1	protein_cc	chr19	49251268	49258647	-	4343	62.3389	0.01432	-0.5139	0.224011	-2.29407	0.023899	0.09296	1
ENSG0000	mucosal h	Inflamed	DNASE1	protein_cc	chr16	3661729	3730144	+	11267	1014.16	0	0.391708	0.170756	2.293968	0.023905	0.092969	1
ENSG0000	mucosal h	Inflamed	UGT2B15	protein_cc	chr4	69512348	69536346	-	2077	922.7518	0.02148	1.022522	0.44579	2.29373	0.02392	0.092999	1
ENSG0000	mucosal h	Inflamed	RP11-255F	lincRNA	chr13	1.04E+08	1.04E+08	+	977	1.866348	0.536993	0.379321	0.165373	2.293724	0.02392	0.092999	1
ENSG0000	mucosal h	Inflamed	VAX2	protein_cc	chr2	71127720	71160576	+	1147	7.25537	0.085919	-0.44302	0.193164	-2.29349	0.023934	0.093039	1
ENSG0000	mucosal h	Inflamed	CCL8	protein_cc	chr17	32646055	32648421	+	1261	166.3699	0	-0.6742	0.293994	-2.29323	0.023949	0.093077	1
ENSG0000	mucosal h	Inflamed	BTF3	protein_cc	chr5	72794233	72801460	+	2467	9680.601	0	0.220878	0.096318	2.293209	0.023951	0.093077	1
ENSG0000	mucosal h	Inflamed	RP11-662l	antisense	chr12	25102097	25113092	+	728	1.501193	0.778043	-0.50853	0.221783	-2.29292	0.023968	0.093112	1
ENSG0000	mucosal h	Inflamed	RP11-697E	pseudoger	chr15	90818266	90820841	+	2576	185.537	0.002387	0.27274	0.118952	2.292854	0.023972	0.093112	1
ENSG0000	mucosal h	Inflamed	TMEM109	protein_cc	chr11	60681346	60690915	+	2421	2764.563	0	-0.30112	0.13133	-2.29284	0.023973	0.093112	1
ENSG0000	mucosal h	Inflamed	PSMB4	protein_cc	chr1	1.51E+08	1.51E+08	+	2158	3851.158	0	-0.22482	0.098052	-2.29282	0.023974	0.093112	1
ENSG0000	mucosal h	Inflamed	TGFA	protein_cc	chr2	70674412	70781325	-	4963	1084.005	0	0.410212	0.178919	2.292717	0.02398	0.093123	1
ENSG0000	mucosal h	Inflamed	TPSAB1	protein_cc	chr16	1290697	1292555	+	1512	3118.747	0	-0.51561	0.224904	-2.2926	0.023987	0.093135	1
ENSG0000	mucosal h	Inflamed	CTA-398F1	lincRNA	chr8	8314419	8318847	-	510	3.033413	0.386635	0.446425	0.194734	2.292492	0.023994	0.093148	1
ENSG0000	mucosal h	Inflamed	MYZAP	protein_cc	chr15	57884139	57977562	+	2561	0.892601	0.77327	0.2767	0.120705	2.29237	0.024001	0.093157	1
ENSG0000	mucosal h	Inflamed	AXIN2	protein_cc	chr17	63524681	63557765	-	5196	1191.542	0	0.517763	0.225867	2.292333	0.024003	0.093157	1
ENSG0000	mucosal h	Inflamed	FADS3	protein_cc	chr11	61640991	61659523	-	6283	601.0597	0	-0.4407	0.192259	-2.29225	0.024008	0.093163	1
ENSG0000	mucosal h	Inflamed	AVPR1A	protein_cc	chr12	63539014	63544722	-	1678	17.37709	0.095465	-0.70528	0.30769	-2.29217	0.024013	0.093164	1
ENSG0000	mucosal h	Inflamed	RP11-389C	lincRNA	chr5	71663446	71664222	+	777	10.77327	0.078759	0.509781	0.222405	2.292128	0.024016	0.093164	1
ENSG0000	mucosal h	Inflamed	CTD-2256f	antisense	chr5	10264709	10267258	-	2550	7.415274	0.21957	0.539798	0.23551	2.292044	0.024021	0.093169	1
ENSG0000	mucosal h	Inflamed	TCTA	protein_cc	chr3	49449639	49453908	+	2747	1610.317	0	0.170926	0.074596	2.291375	0.024061	0.093302	1
ENSG0000	mucosal h	Inflamed	OSBPL6	protein_cc	chr2	1.79E+08	1.79E+08	+	8028	93.99761	0	0.367576	0.160419	2.291356	0.024062	0.093302	1

ENSG0000	mucosal h	Inflamed	TRBV4-2	TR_V_gene	chr7	1.42E+08	1.42E+08	+	455	17.70406	0.047733	-0.52266	0.228119	-2.29116	0.024073	0.093322	1
ENSG0000	mucosal h	Inflamed	ABCB7	protein_cc	chrX	74273115	74376567	-	2819	513.3484	0	0.330746	0.144358	2.291153	0.024074	0.093322	1
ENSG0000	mucosal h	Inflamed	CTDSP2	protein_cc	chr12	58213710	58240522	-	5442	16160.18	0	0.240998	0.1052	2.290862	0.024092	0.093376	1
ENSG0000	mucosal h	Inflamed	SERTAD3	protein_cc	chr19	40946751	40950612	-	2218	931.0764	0	-0.19334	0.0844	-2.29078	0.024097	0.093382	1
ENSG0000	mucosal h	Inflamed	RP11-13A1	lincRNA	chr12	89404458	89413456	-	2941	2.26253	0.508353	-0.38765	0.169233	-2.29061	0.024107	0.093408	1
ENSG0000	mucosal h	Inflamed	DEGS2	protein_cc	chr14	1.01E+08	1.01E+08	-	2004	887.6396	0	0.591665	0.258326	2.290376	0.024121	0.093446	1
ENSG0000	mucosal h	Inflamed	RP11-415F	antisense	chr3	16380815	16381378	+	564	15.51313	0.078759	0.580842	0.253607	2.290324	0.024124	0.093446	1
ENSG0000	mucosal h	Inflamed	POM121L	pseudoger	chr22	24647796	24661493	+	5137	71.59189	0.023866	-0.74392	0.324825	-2.29023	0.02413	0.093454	1
ENSG0000	mucosal h	Inflamed	ANKRA2	protein_cc	chr5	72848160	72861511	-	2659	400.7876	0	0.369476	0.161341	2.290029	0.024142	0.093487	1
ENSG0000	mucosal h	Inflamed	MTSS1	protein_cc	chr8	1.26E+08	1.26E+08	-	7787	1133.635	0	0.401317	0.175254	2.289918	0.024148	0.093487	1
ENSG0000	mucosal h	Inflamed	PLCB4	protein_cc	chr20	9049410	9461889	+	6900	909.0835	0	0.617926	0.269847	2.289913	0.024149	0.093487	1
ENSG0000	mucosal h	Inflamed	TMEM132	protein_cc	chr12	1.26E+08	1.26E+08	+	15656	45.08353	0.00716	0.532554	0.232578	2.289785	0.024156	0.093503	1
ENSG0000	mucosal h	Inflamed	LINC0084C	lincRNA	chr10	44354859	44390881	+	1974	4.207637	0.362768	-0.46765	0.204255	-2.28954	0.024171	0.093546	1
ENSG0000	mucosal h	Inflamed	RP11-333A	lincRNA	chr8	71383369	71397922	+	2367	6.668258	0.422434	-0.54373	0.237498	-2.28943	0.024178	0.093558	1
ENSG0000	mucosal h	Inflamed	SFXN3	protein_cc	chr10	1.03E+08	1.03E+08	+	4628	1754.329	0	-0.28255	0.123435	-2.28906	0.0242	0.093632	1
ENSG0000	mucosal h	Inflamed	CCL16	protein_cc	chr17	34303529	34308532	-	1744	7.620525	0.155131	0.490466	0.214277	2.288934	0.024208	0.093647	1
ENSG0000	mucosal h	Inflamed	ARSA	protein_cc	chr22	51061182	51066607	-	2938	4064.064	0	-0.27575	0.120476	-2.2888	0.024216	0.093664	1
ENSG0000	mucosal h	Inflamed	CTD-3049I	lincRNA	chr15	94261771	94614049	-	6795	7.190931	0.205251	0.598544	0.261556	2.288398	0.02424	0.093744	1
ENSG0000	mucosal h	Inflamed	PPP2R4	protein_cc	chr9	1.32E+08	1.32E+08	+	5907	5674.592	0	-0.16605	0.072565	-2.28832	0.024245	0.093749	1
ENSG0000	mucosal h	Inflamed	AC016586	protein_cc	chr19	4041127	4043154	-	2028	16.47017	0.031026	0.417226	0.182351	2.288041	0.024262	0.093797	1
ENSG0000	mucosal h	Inflamed	TMEM215	protein_cc	chr9	32783497	32787397	+	3581	4.818616	0.384248	-0.57025	0.249239	-2.28797	0.024266	0.093797	1
ENSG0000	mucosal h	Inflamed	ZNF444	protein_cc	chr19	56643968	56672262	+	7239	1317.348	0	0.237853	0.10396	2.287932	0.024268	0.093797	1
ENSG0000	mucosal h	Inflamed	AMZ2P1	pseudoger	chr17	62962668	62971694	-	3858	206.6897	0	0.354298	0.154859	2.28788	0.024272	0.093797	1
ENSG0000	mucosal h	Inflamed	MIR146A	lincRNA	chr5	1.6E+08	1.6E+08	+	2301	200.6683	0.004773	-0.84412	0.368968	-2.28779	0.024277	0.093805	1
ENSG0000	mucosal h	Inflamed	RP3-476K	pseudoger	chr1	26781144	26781678	-	535	1.852029	0.501193	0.345482	0.151045	2.287281	0.024308	0.093902	1
ENSG0000	mucosal h	Inflamed	KCND1	protein_cc	chrX	48818639	48827976	-	5807	201.8186	0.002387	-0.46198	0.201979	-2.28725	0.02431	0.093902	1
ENSG0000	mucosal h	Inflamed	snoU13	snoRNA	chr22	32349391	32349493	+	103	1.513126	0.615752	0.299969	0.131201	2.28633	0.024366	0.094105	1
ENSG0000	mucosal h	Inflamed	USH2A	protein_cc	chr1	2.16E+08	2.17E+08	-	20584	3.076372	0.346062	-0.43172	0.188835	-2.2862	0.024373	0.094121	1
ENSG0000	mucosal h	Inflamed	CACNA1C	protein_cc	chr12	2079952	2802108	+	14095	498.2768	0	-0.46159	0.201914	-2.2861	0.02438	0.094131	1
ENSG0000	mucosal h	Inflamed	PRB3	protein_cc	chr12	11418857	11422739	-	1387	1.109785	0.718377	0.289096	0.12649	2.285522	0.024415	0.09425	1
ENSG0000	mucosal h	Inflamed	TCF3	protein_cc	chr19	1609291	1652604	-	6061	4101.621	0	-0.25881	0.113245	-2.28543	0.02442	0.09425	1
ENSG0000	mucosal h	Inflamed	IL7R	protein_cc	chr5	35852797	35879705	+	6060	2248.778	0	-0.84838	0.371217	-2.28542	0.024421	0.09425	1
ENSG0000	mucosal h	Inflamed	RP11-448C	antisense	chr4	10008106	10011349	+	459	11.68496	0.097852	0.571899	0.250291	2.284935	0.02445	0.094349	1
ENSG0000	mucosal h	Inflamed	KB-431C1	antisense	chr8	1.03E+08	1.03E+08	+	1430	3.976134	0.343675	0.408464	0.178818	2.28425	0.024492	0.094497	1
ENSG0000	mucosal h	Inflamed	MC4R	protein_cc	chr18	58038564	58040001	-	1438	5.124105	0.412888	-0.63084	0.276185	-2.2841	0.024501	0.094518	1
ENSG0000	mucosal h	Inflamed	FEN1	protein_cc	chr11	61560109	61564716	+	2478	918.0143	0	-0.29851	0.130694	-2.28399	0.024508	0.094529	1
ENSG0000	mucosal h	Inflamed	UMODL1	protein_cc	chr21	43483068	43563563	+	7278	17.27446	0.023866	0.493507	0.216103	2.283664	0.024528	0.094587	1
ENSG0000	mucosal h	Inflamed	MBOAT4	protein_cc	chr8	29989340	30002202	-	1512	2.801909	0.431981	0.415535	0.181962	2.283631	0.02453	0.094587	1
ENSG0000	mucosal h	Inflamed	CDS1	protein_cc	chr4	85504132	85572491	+	4461	1747.351	0	0.594909	0.260532	2.283438	0.024542	0.094613	1
ENSG0000	mucosal h	Inflamed	L2HGDH	protein_cc	chr14	50704281	50779266	-	3911	191.7566	0.002387	0.434156	0.190136	2.283401	0.024544	0.094613	1

ENSG0000	mucosal h	Inflamed	ALPI	protein_cc chr2	2.33E+08	2.33E+08	+	2632	1174.876	0.00716	1.042156	0.456434	2.283259	0.024553	0.094633	1
ENSG0000	mucosal h	Inflamed	RP4-583P1	protein_cc chr20	62340216	62370456	+	3119	28.72076	0.033413	0.439053	0.192322	2.282908	0.024574	0.094702	1
ENSG0000	mucosal h	Inflamed	ZBTB3	protein_cc chr11	62515791	62521660	-	3348	312.6301	0	0.262871	0.115152	2.282813	0.02458	0.09471	1
ENSG0000	mucosal h	Inflamed	RP11-113k	pseudoger chr11	82822102	82822484	-	383	2.470167	0.410501	-0.37626	0.164837	-2.28259	0.024594	0.094741	1
ENSG0000	mucosal h	Inflamed	COL9A3	protein_cc chr20	61447596	61472511	+	4831	183.7064	0	-0.40889	0.179135	-2.28256	0.024595	0.094741	1
ENSG0000	mucosal h	Inflamed	NLRP1	protein_cc chr17	5402747	5522744	-	12811	1709.678	0	-0.52243	0.228914	-2.28223	0.024616	0.09479	1
ENSG0000	mucosal h	Inflamed	PTPRVP	pseudoger chr1	2.02E+08	2.02E+08	+	6596	34.27446	0.050119	-0.65751	0.288101	-2.28221	0.024617	0.09479	1
ENSG0000	mucosal h	Inflamed	CTD-2643f	lincRNA chr15	94448634	94651167	-	3267	0.856802	0.799523	0.304561	0.133452	2.28218	0.024619	0.09479	1
ENSG0000	mucosal h	Inflamed	RNASE1	protein_cc chr14	21269387	21271437	-	1506	4643.274	0	0.38744	0.169783	2.281976	0.024631	0.094824	1
ENSG0000	mucosal h	Inflamed	RP11-29Hf	pseudoger chr1	1.56E+08	1.56E+08	-	2505	5.949881	0.243437	-0.46715	0.204731	-2.28179	0.024643	0.094856	1
ENSG0000	mucosal h	Inflamed	FAM86B1	protein_cc chr8	12039605	12051642	-	4232	58.48687	0.002387	0.327298	0.143454	2.281552	0.024657	0.094897	1
ENSG0000	mucosal h	Inflamed	C20orf24	protein_cc chr20	35234137	35240960	+	1517	849.5847	0	-0.26957	0.118163	-2.28131	0.024672	0.094941	1
ENSG0000	mucosal h	Inflamed	PEX11G	protein_cc chr19	7541761	7562335	-	1466	156.1146	0	0.290423	0.127309	2.28124	0.024676	0.094943	1
ENSG0000	mucosal h	Inflamed	RP4-673Df	pseudoger chr20	1748603	1760641	-	1564	5.121718	0.257757	-0.52944	0.232116	-2.28094	0.024695	0.095	1
ENSG0000	mucosal h	Inflamed	RP11-358L	lincRNA chr15	79705700	79706228	+	529	5.319809	0.136038	-0.41311	0.181119	-2.28085	0.024701	0.095008	1
ENSG0000	mucosal h	Inflamed	KIAA1919	protein_cc chr6	1.12E+08	1.12E+08	+	5958	263.9189	0.002387	0.507924	0.222714	2.280613	0.024715	0.095049	1
ENSG0000	mucosal h	Inflamed	AC141928	lincRNA chr4	3760475	3765117	-	4525	19.32697	0.083532	-0.60902	0.267053	-2.28051	0.024721	0.095054	1
ENSG0000	mucosal h	Inflamed	AF127936	lincRNA chr21	16119083	16126184	-	1863	11.15036	0.085919	-0.5771	0.253066	-2.28044	0.024726	0.095054	1
ENSG0000	mucosal h	Inflamed	SNHG11	processed_chr20	37075221	37079564	+	2813	292.6802	0	0.219429	0.096223	2.280417	0.024727	0.095054	1
ENSG0000	mucosal h	Inflamed	KCNT1	protein_cc chr9	1.39E+08	1.39E+08	+	9275	6.040573	0.236277	-0.51997	0.228056	-2.28001	0.024752	0.095137	1
ENSG0000	mucosal h	Inflamed	RHOQP2	pseudoger chr2	1.32E+08	1.32E+08	+	618	4.837709	0.207637	-0.45297	0.198684	-2.27988	0.02476	0.095154	1
ENSG0000	mucosal h	Inflamed	NEDD9	protein_cc chr6	11183531	11382581	-	10359	3505.909	0	0.297027	0.130291	2.279725	0.02477	0.095176	1
ENSG0000	mucosal h	Inflamed	ARHGAP3f	protein_cc chr11	1.29E+08	1.29E+08	-	12841	3938.699	0	0.508873	0.223257	2.279315	0.024795	0.095252	1
ENSG0000	mucosal h	Inflamed	WDR20	protein_cc chr14	1.03E+08	1.03E+08	+	7328	815.9642	0	0.254216	0.111533	2.279285	0.024797	0.095252	1
ENSG0000	mucosal h	Inflamed	RP11-649f	sense_intr chr17	73141356	73142641	-	717	32.36038	0.064439	0.673974	0.295814	2.278368	0.024853	0.095456	1
ENSG0000	mucosal h	Inflamed	RP11-255E	pseudoger chr3	1.14E+08	1.14E+08	+	619	1.673031	0.620525	0.349137	0.153246	2.278272	0.024859	0.095465	1
ENSG0000	mucosal h	Inflamed	UGT2B17	protein_cc chr4	69402902	69434245	-	2077	11188.26	0.033413	1.131239	0.496596	2.277985	0.024877	0.095509	1
ENSG0000	mucosal h	Inflamed	ZNF461	protein_cc chr19	37128094	37157755	-	4195	99.6969	0.004773	0.467002	0.205011	2.277933	0.02488	0.095509	1
ENSG0000	mucosal h	Inflamed	CTD-2337J	lincRNA chr19	54753289	54753907	-	619	63.06444	0.002387	0.357371	0.156888	2.277872	0.024884	0.095509	1
ENSG0000	mucosal h	Inflamed	SLCO5A1	protein_cc chr8	70579282	70747299	-	9992	104.3628	0.004773	-0.4955	0.217528	-2.27785	0.024885	0.095509	1
ENSG0000	mucosal h	Inflamed	FATE1	protein_cc chrX	1.51E+08	1.51E+08	+	1072	5.183771	0.145585	-0.40637	0.178413	-2.27766	0.024897	0.09554	1
ENSG0000	mucosal h	Inflamed	RP11-16E1	lincRNA chr15	31508223	31516648	+	1901	20.99523	0.002387	0.384433	0.168796	2.2775	0.024907	0.095565	1
ENSG0000	mucosal h	Inflamed	CEP70	protein_cc chr3	1.38E+08	1.38E+08	-	4421	355.1408	0	0.476058	0.209037	2.277389	0.024914	0.095567	1
ENSG0000	mucosal h	Inflamed	GIMAP8	protein_cc chr7	1.5E+08	1.5E+08	+	4184	1036.446	0	-0.46304	0.203328	-2.27732	0.024918	0.095567	1
ENSG0000	mucosal h	Inflamed	RP11-626f	lincRNA chr11	69831982	69861921	+	432	8.491647	0.145585	0.579931	0.254655	2.277315	0.024919	0.095567	1
ENSG0000	mucosal h	Inflamed	CBLN3	protein_cc chr14	24895738	24900160	-	2562	208.9499	0	-0.47824	0.21002	-2.27711	0.024931	0.095602	1
ENSG0000	mucosal h	Inflamed	RP11-474f	lincRNA chr12	1.31E+08	1.31E+08	-	4708	2.126492	0.754177	0.558986	0.245512	2.276819	0.024949	0.095657	1
ENSG0000	mucosal h	Inflamed	SOHLH2	protein_cc chr13	36742345	36871979	-	3980	1.164678	0.74463	-0.32363	0.142146	-2.27675	0.024954	0.09566	1
ENSG0000	mucosal h	Inflamed	RHAG	protein_cc chr6	49572871	49604552	-	1912	0.823389	0.797136	0.262117	0.115144	2.276436	0.024973	0.09572	1
ENSG0000	mucosal h	Inflamed	FAM86B3f	pseudoger chr8	8086117	8102387	+	4870	141.3246	0.002387	0.46553	0.20452	2.276204	0.024988	0.095761	1

ENSG0000	mucosal h	Inflamed	AGO1	protein_cc	chr1	36335409	36395211	+	12886	2323.981	0	0.300651	0.132089	2.276125	0.024992	0.095766	1
ENSG0000	mucosal h	Inflamed	Y_RNA	misc_RNA	chr2	85594708	85594809	+	102	1.326969	0.632458	0.325953	0.14321	2.276049	0.024997	0.09577	1
ENSG0000	mucosal h	Inflamed	RHOBTB2	protein_cc	chr8	22844930	22877712	+	6580	962.7375	0	-0.37409	0.164371	-2.27591	0.025006	0.09579	1
ENSG0000	mucosal h	Inflamed	GORASP1	protein_cc	chr3	39138150	39149854	-	6256	3686.644	0	0.221656	0.097396	2.275816	0.025012	0.095798	1
ENSG0000	mucosal h	Inflamed	HRASLS5	protein_cc	chr11	63228876	63258666	-	3268	20.72792	0.031026	-0.48188	0.211817	-2.27499	0.025063	0.09598	1
ENSG0000	mucosal h	Inflamed	FAM66B	lincRNA	chr8	7159133	7212876	-	3339	14.65871	0.02864	0.371135	0.163158	2.274701	0.025081	0.096036	1
ENSG0000	mucosal h	Inflamed	FAM222A	protein_cc	chr12	1.1E+08	1.1E+08	+	3722	318.5251	0	0.400792	0.176205	2.27458	0.025089	0.096051	1
ENSG0000	mucosal h	Inflamed	ZNF283	protein_cc	chr19	44331444	44353307	+	4367	108.9976	0.002387	0.451459	0.198514	2.274188	0.025113	0.09613	1
ENSG0000	mucosal h	Inflamed	CSPG4P13	pseudoger	chr15	78187026	78197016	+	4818	12.51074	0.088305	-0.54581	0.240021	-2.274	0.025125	0.096161	1
ENSG0000	mucosal h	Inflamed	AC118278	miRNA	chr4	130242	130349	+	108	7.357995	0.174224	0.516483	0.227132	2.27393	0.025129	0.096161	1
ENSG0000	mucosal h	Inflamed	LCT	protein_cc	chr2	1.37E+08	1.37E+08	-	6586	12.85919	0.346062	-0.67175	0.295418	-2.27388	0.025132	0.096161	1
ENSG0000	mucosal h	Inflamed	RP11-5791	lincRNA	chr12	49182930	49184318	+	554	22.90931	0.023866	0.546494	0.24035	2.273741	0.025141	0.096181	1
ENSG0000	mucosal h	Inflamed	LGALS9C	protein_cc	chr17	18380051	18398259	+	4754	858.7422	0	0.73084	0.321442	2.273631	0.025148	0.096193	1
ENSG0000	mucosal h	Inflamed	PTPDC1	protein_cc	chr9	96793076	96872138	+	6301	262.8329	0	0.42589	0.187332	2.273446	0.025159	0.09621	1
ENSG0000	mucosal h	Inflamed	KIF22	protein_cc	chr16	29802040	29816706	+	4312	1907.57	0	0.24199	0.106442	2.273442	0.02516	0.09621	1
ENSG0000	mucosal h	Inflamed	PCDHGC5	protein_cc	chr5	1.41E+08	1.41E+08	+	4641	12.09308	0.093079	0.479187	0.210828	2.272884	0.025194	0.09633	1
ENSG0000	mucosal h	Inflamed	LINC00894	antisense	chrX	1.49E+08	1.49E+08	+	6323	131.6062	0.016706	0.76284	0.335652	2.272713	0.025205	0.096357	1
ENSG0000	mucosal h	Inflamed	SEC14L6	protein_cc	chr22	30918786	30942669	-	3392	18.61814	0.02148	-0.45185	0.198825	-2.27258	0.025214	0.096375	1
ENSG0000	mucosal h	Inflamed	NPIP4	protein_cc	chr16	21845890	21892148	-	7408	500.179	0.002387	0.610207	0.268534	2.272366	0.025227	0.096412	1
ENSG0000	mucosal h	Inflamed	RP11-167F	sense_intr	chr16	67772491	67773825	-	569	8.49642	0.143198	0.510855	0.22488	2.271678	0.02527	0.096562	1
ENSG0000	mucosal h	Inflamed	GSG2	protein_cc	chr17	3627211	3630067	+	2857	144.7494	0.00716	-0.46288	0.203788	-2.27138	0.025289	0.09662	1
ENSG0000	mucosal h	Inflamed	PTPRS	protein_cc	chr19	5158506	5340814	-	9460	1237.36	0	-0.49292	0.217032	-2.27118	0.025301	0.096647	1
ENSG0000	mucosal h	Inflamed	MFSD6L	protein_cc	chr17	8700436	8702667	-	2232	258.9403	0	0.509346	0.224268	2.271148	0.025303	0.096647	1
ENSG0000	mucosal h	Inflamed	CITF22-1A	lincRNA	chr22	50295876	50298224	+	2349	29.9284	0.023866	0.475803	0.209506	2.271073	0.025308	0.096651	1
ENSG0000	mucosal h	Inflamed	ATPIF1	protein_cc	chr1	28562620	28573417	+	2225	3764.64	0	0.219568	0.096698	2.270667	0.025334	0.096735	1
ENSG0000	mucosal h	Inflamed	RP11-2161	pseudoger	chr1	1.54E+08	1.54E+08	-	1309	4.317422	0.145585	-0.3768	0.165959	-2.27044	0.025348	0.096775	1
ENSG0000	mucosal h	Inflamed	RAB11FIP4	protein_cc	chr17	29718642	29865236	+	15384	3499.936	0	0.278964	0.122878	2.270252	0.02536	0.096796	1
ENSG0000	mucosal h	Inflamed	PAQR8	protein_cc	chr6	52226219	52272575	+	5057	5828.477	0	0.509094	0.22425	2.270207	0.025362	0.096796	1
ENSG0000	mucosal h	Inflamed	MEIS3	protein_cc	chr19	47906381	47922780	-	5122	287.1002	0	-0.439	0.193375	-2.27018	0.025364	0.096796	1
ENSG0000	mucosal h	Inflamed	PARP3	protein_cc	chr3	51976361	51982883	+	2928	1333.301	0	-0.20305	0.089462	-2.26969	0.025395	0.096898	1
ENSG0000	mucosal h	Inflamed	SLC45A3	protein_cc	chr1	2.06E+08	2.06E+08	-	3702	1700.766	0	0.351264	0.154787	2.269343	0.025417	0.096969	1
ENSG0000	mucosal h	Inflamed	ACRBP	protein_cc	chr12	6747241	6756626	-	2843	111.3461	0	0.312457	0.137691	2.269263	0.025422	0.096974	1
ENSG0000	mucosal h	Inflamed	RPH3A	protein_cc	chr12	1.13E+08	1.13E+08	+	10381	10.57518	0.119332	-0.64723	0.285336	-2.26829	0.025483	0.097182	1
ENSG0000	mucosal h	Inflamed	MID1IP1	protein_cc	chrX	38660685	38665790	+	2592	1748.53	0	-0.24557	0.108265	-2.26823	0.025487	0.097182	1
ENSG0000	mucosal h	Inflamed	SLC30A4	protein_cc	chr15	45771809	45815005	-	7293	473.1551	0	0.425023	0.187382	2.268224	0.025488	0.097182	1
ENSG0000	mucosal h	Inflamed	PNPLA2	protein_cc	chr11	818902	825573	+	3843	5967.986	0	0.280299	0.123585	2.26806	0.025498	0.097207	1
ENSG0000	mucosal h	Inflamed	SNX4	protein_cc	chr3	1.25E+08	1.25E+08	-	2702	846.9332	0	0.335951	0.148136	2.267853	0.025511	0.097239	1
ENSG0000	mucosal h	Inflamed	FAM27E2	protein_cc	chr9	45733559	45734896	+	1338	6.909308	0.200477	0.428046	0.188748	2.267812	0.025514	0.097239	1
ENSG0000	mucosal h	Inflamed	CCL11	protein_cc	chr17	32612687	32615353	+	1079	1648.64	0	-0.72738	0.320781	-2.26753	0.025531	0.097292	1
ENSG0000	mucosal h	Inflamed	RP11-441C	lincRNA	chr10	1.01E+08	1.01E+08	+	2998	51.40334	0.011933	0.553517	0.244115	2.267443	0.025537	0.097299	1

ENSG0000	mucosal h	Inflamed	GPR31	protein_cc chr6	1.68E+08	1.68E+08	-	2059	6.353222	0.217184	-0.51178	0.225715	-2.26736	0.025542	0.097305	1
ENSG0000	mucosal h	Inflamed	CXXC11	protein_cc chr2	2.43E+08	2.43E+08	+	2606	11.4821	0.224344	-0.64129	0.282863	-2.26715	0.025556	0.097342	1
ENSG0000	mucosal h	Inflamed	PAIP1P1	pseudoger chr6	30154575	30156391	-	1203	32.36277	0.059666	0.639134	0.281946	2.266862	0.025574	0.097397	1
ENSG0000	mucosal h	Inflamed	FSTL3	protein_cc chr19	676392	683385	+	3144	543.3532	0	-0.53323	0.235251	-2.26663	0.025588	0.097439	1
ENSG0000	mucosal h	Inflamed	SORBS1	protein_cc chr10	97071528	97321171	-	10819	1582.971	0	0.625981	0.276184	2.266533	0.025595	0.097448	1
ENSG0000	mucosal h	Inflamed	POLR3K	protein_cc chr16	96407	103628	-	1889	307.8831	0	-0.24715	0.109072	-2.26596	0.025631	0.097573	1
ENSG0000	mucosal h	Inflamed	SEL1L	protein_cc chr14	81937893	82000205	-	9559	6323.947	0	-0.45206	0.19953	-2.2656	0.025654	0.097646	1
ENSG0000	mucosal h	Inflamed	RP1-130G	pseudoger chr6	20042686	20043171	-	486	3.455847	0.279236	0.396072	0.174837	2.265385	0.025668	0.097684	1
ENSG0000	mucosal h	Inflamed	NDUFA9	protein_cc chr12	4758261	4798454	+	5362	733.5084	0	0.270305	0.119335	2.265098	0.025686	0.097739	1
ENSG0000	mucosal h	Inflamed	APOL6	protein_cc chr22	36044442	36064456	+	10121	5790.038	0	-0.39712	0.175333	-2.26494	0.025696	0.097763	1
ENSG0000	mucosal h	Inflamed	RP11-384F	antisense chr9	33732973	33738414	-	486	2.73031	0.415274	0.361402	0.159601	2.264413	0.025729	0.097873	1
ENSG0000	mucosal h	Inflamed	MAPKAPK	protein_cc chr3	50648951	50686720	+	3913	2077.227	0	-0.1881	0.083069	-2.26437	0.025732	0.097873	1
ENSG0000	mucosal h	Inflamed	CCDC125	protein_cc chr5	68576002	68628636	-	7932	810.6897	0	0.38815	0.171466	2.263716	0.025774	0.098017	1
ENSG0000	mucosal h	Inflamed	FBXW7	protein_cc chr4	1.53E+08	1.53E+08	-	10288	1071.659	0	-0.45258	0.199939	-2.2636	0.025781	0.098032	1
ENSG0000	mucosal h	Inflamed	CCSER1	protein_cc chr4	91048686	92523064	+	10428	79.11217	0.009547	0.555561	0.245462	2.263331	0.025798	0.098073	1
ENSG0000	mucosal h	Inflamed	FUZ	protein_cc chr19	50310126	50320633	-	2951	292.4129	0	-0.28459	0.125741	-2.26331	0.0258	0.098073	1
ENSG0000	mucosal h	Inflamed	NPL	protein_cc chr1	1.83E+08	1.83E+08	+	4975	456.7804	0	-0.41877	0.185039	-2.26316	0.025809	0.098095	1
ENSG0000	mucosal h	Inflamed	PTPLB	protein_cc chr3	1.23E+08	1.23E+08	-	5351	2006.563	0	0.43269	0.191211	2.262887	0.025827	0.098148	1
ENSG0000	mucosal h	Inflamed	RERE	protein_cc chr1	8412457	8877702	-	11503	6130.881	0	0.310251	0.137121	2.262606	0.025845	0.098176	1
ENSG0000	mucosal h	Inflamed	SLN	protein_cc chr11	1.08E+08	1.08E+08	-	906	2.24105	0.756563	-0.51024	0.225518	-2.26253	0.02585	0.098176	1
ENSG0000	mucosal h	Inflamed	DBNL	protein_cc chr7	44084239	44109055	+	12587	5963.828	0	-0.16606	0.073395	-2.26253	0.02585	0.098176	1
ENSG0000	mucosal h	Inflamed	RP11-401F	antisense chr16	50639987	50647595	-	2469	2.329356	0.5179	0.424119	0.187454	2.262525	0.02585	0.098176	1
ENSG0000	mucosal h	Inflamed	GPR115	protein_cc chr6	47653600	47689757	+	3391	128.4463	0.00716	0.7128	0.315053	2.262477	0.025853	0.098176	1
ENSG0000	mucosal h	Inflamed	PHF1	protein_cc chr6	33378176	33384230	+	3596	1883.363	0	-0.26803	0.118475	-2.26234	0.025862	0.098188	1
ENSG0000	mucosal h	Inflamed	RANBP10	protein_cc chr16	67757005	67840555	-	6401	1941.795	0	0.237891	0.105156	2.262274	0.025866	0.098188	1
ENSG0000	mucosal h	Inflamed	MT-TL2	Mt_tRNA chrM	12266	12336	+	71	16.25776	0.054893	0.602838	0.266477	2.262253	0.025867	0.098188	1
ENSG0000	mucosal h	Inflamed	METTL7A	protein_cc chr12	51317255	51326300	+	4083	4081.869	0	0.32777	0.144898	2.262073	0.025879	0.098218	1
ENSG0000	mucosal h	Inflamed	DSTNP2	pseudoger chr12	6993846	6994950	+	1105	114.1766	0	-0.21312	0.094225	-2.26182	0.025895	0.098265	1
ENSG0000	mucosal h	Inflamed	FAM90A1	protein_cc chr12	8373856	8380214	-	2538	30.82816	0.00716	-0.44933	0.198673	-2.26166	0.025905	0.09829	1
ENSG0000	mucosal h	Inflamed	RP11-731J	sense_ove chr4	47433977	47440976	+	7000	1.300716	0.701671	0.341063	0.150808	2.261569	0.025911	0.098298	1
ENSG0000	mucosal h	Inflamed	RP11-10J5	lincRNA chr6	1.38E+08	1.38E+08	-	573	2.121718	0.587112	-0.45076	0.199351	-2.26112	0.02594	0.098393	1
ENSG0000	mucosal h	Inflamed	CCR5	protein_cc chr3	46411633	46417697	+	3883	479.3652	0	-0.50869	0.225046	-2.26037	0.025988	0.098561	1
ENSG0000	mucosal h	Inflamed	NBPF24	protein_cc chr1	1.48E+08	1.48E+08	-	7196	7.828162	0.116945	0.444928	0.196856	2.260173	0.026001	0.098584	1
ENSG0000	mucosal h	Inflamed	RXRA	protein_cc chr9	1.37E+08	1.37E+08	+	11725	6333.076	0	0.28299	0.12521	2.26012	0.026004	0.098584	1
ENSG0000	mucosal h	Inflamed	RPL5P29	pseudoger chr11	56124804	56125697	+	894	6.942721	0.095465	0.372664	0.164889	2.260086	0.026006	0.098584	1
ENSG0000	mucosal h	Inflamed	RP11-99E1	lincRNA chr14	77177001	77227731	-	540	1.708831	0.563246	-0.35894	0.158821	-2.26	0.026012	0.098584	1
ENSG0000	mucosal h	Inflamed	SPCS3	protein_cc chr4	1.77E+08	1.77E+08	+	6831	3680.32	0	-0.42926	0.189941	-2.25999	0.026013	0.098584	1
ENSG0000	mucosal h	Inflamed	RP11-212I	lincRNA chr16	55461470	55496209	-	917	7.484487	0.288783	-0.51772	0.229112	-2.25967	0.026033	0.098647	1
ENSG0000	mucosal h	Inflamed	SRL	protein_cc chr16	4239375	4292081	-	5702	53.67303	0.019093	-0.56619	0.250583	-2.25948	0.026045	0.098663	1
ENSG0000	mucosal h	Inflamed	DNASE1L2	protein_cc chr16	2285817	2288712	+	2194	35.16706	0.004773	0.377337	0.167009	2.25939	0.026051	0.098663	1

ENSG0000	mucosal hi Inflamed	PMS2P4	pseudoger chr7	66752528	66767894	-	1327	49.82339	0	0.236624	0.10473	2.259378	0.026052	0.098663	1
ENSG0000	mucosal hi Inflamed	RP11-146L	protein_cc chr9	42409989	42474239	+	2248	2.75895	0.498807	0.399262	0.176714	2.259372	0.026052	0.098663	1
ENSG0000	mucosal hi Inflamed	C8orf44	protein_cc chr8	67579850	67597799	+	2510	118.7232	0.002387	0.627635	0.277803	2.259281	0.026058	0.098671	1
ENSG0000	mucosal hi Inflamed	GLRX5	protein_cc chr14	95999840	96011061	+	2845	1426.217	0	0.19236	0.085145	2.259193	0.026064	0.098678	1
ENSG0000	mucosal hi Inflamed	IL13	protein_cc chr5	1.32E+08	1.32E+08	+	2887	6.26969	0.472554	-0.6597	0.292024	-2.25905	0.026073	0.0987	1
ENSG0000	mucosal hi Inflamed	YY1	protein_cc chr14	1.01E+08	1.01E+08	+	7481	4016.532	0	0.28942	0.128138	2.258661	0.026098	0.098779	1
ENSG0000	mucosal hi Inflamed	BOLA3-AS1	antisense chr2	74375136	74377188	+	1834	41.42721	0	-0.3505	0.155209	-2.25823	0.026126	0.09887	1
ENSG0000	mucosal hi Inflamed	LEMD1	protein_cc chr1	2.05E+08	2.05E+08	-	1063	2.147971	0.610979	-0.47816	0.211761	-2.258	0.026141	0.098912	1
ENSG0000	mucosal hi Inflamed	UNC5B-AS1	antisense chr10	72976981	72977985	-	707	6.334129	0.157518	0.543049	0.240512	2.257891	0.026148	0.098912	1
ENSG0000	mucosal hi Inflamed	REV1	protein_cc chr2	1E+08	1E+08	-	7769	1023.947	0	0.507576	0.224807	2.257829	0.026152	0.098912	1
ENSG0000	mucosal hi Inflamed	DENND4C	protein_cc chr9	19230433	19374139	+	9341	1357.847	0	0.494917	0.219205	2.25778	0.026155	0.098912	1
ENSG0000	mucosal hi Inflamed	TYW1B	polymorpt chr7	72023729	72298777	-	3406	119.2291	0.00716	0.410146	0.18166	2.257769	0.026156	0.098912	1
ENSG0000	mucosal hi Inflamed	PIGG	protein_cc chr4	492989	533985	+	10905	2359.265	0	0.295018	0.13068	2.257568	0.026169	0.098947	1
ENSG0000	mucosal hi Inflamed	RGS9	protein_cc chr17	63133549	63223821	+	3664	108.2864	0.002387	0.389951	0.172741	2.257432	0.026178	0.098966	1
ENSG0000	mucosal hi Inflamed	SYNDIG1L	protein_cc chr14	74872596	74892805	-	2612	6.28401	0.171838	-0.44946	0.199115	-2.2573	0.026186	0.098971	1
ENSG0000	mucosal hi Inflamed	FAM60CP	pseudoger chr18	57684010	57684673	-	664	1.825776	0.491647	0.286474	0.126912	2.25727	0.026188	0.098971	1
ENSG0000	mucosal hi Inflamed	MTHFD1L	protein_cc chr6	1.51E+08	1.51E+08	+	4945	522.6563	0	-0.36846	0.163236	-2.25724	0.02619	0.098971	1
ENSG0000	mucosal hi Inflamed	RP11-477L	antisense chr6	1.56E+08	1.56E+08	-	3088	65.90453	0.00716	0.538036	0.238383	2.257022	0.026204	0.099009	1
ENSG0000	mucosal hi Inflamed	ELANE	protein_cc chr19	851014	856242	+	1023	22.18138	0.00716	0.427817	0.189562	2.256869	0.026214	0.099019	1
ENSG0000	mucosal hi Inflamed	SMIM19	protein_cc chr8	42396298	42409603	+	3323	613.6778	0	0.242427	0.107417	2.256868	0.026214	0.099019	1
ENSG0000	mucosal hi Inflamed	RP11-320L	pseudoger chr11	85994969	85995710	+	742	27.40573	0.02864	0.421642	0.186848	2.256599	0.026232	0.09907	1
ENSG0000	mucosal hi Inflamed	SCG3	protein_cc chr15	51973550	52013223	+	3310	31.24105	0.016706	0.525604	0.232958	2.25622	0.026256	0.099149	1
ENSG0000	mucosal hi Inflamed	ZNF585A	protein_cc chr19	37597636	37663643	-	8687	153.6826	0	0.450542	0.199695	2.256153	0.02626	0.099151	1
ENSG0000	mucosal hi Inflamed	EVX1-AS1	antisense chr7	27281048	27286848	-	1361	1.5179	0.735084	0.478274	0.211999	2.256018	0.026269	0.09917	1
ENSG0000	mucosal hi Inflamed	AF064858	lincRNA chr21	40249215	40328392	-	4043	6.250597	0.167064	0.481793	0.213574	2.255861	0.026279	0.099194	1
ENSG0000	mucosal hi Inflamed	CTD-2105f	protein_cc chr19	55863669	55870884	-	3058	1.873508	0.558473	0.373283	0.165481	2.255744	0.026287	0.099208	1
ENSG0000	mucosal hi Inflamed	ATP6AP1L	protein_cc chr5	81575281	81682796	+	7185	65.80907	0.009547	0.500673	0.221962	2.255668	0.026292	0.099213	1
ENSG0000	mucosal hi Inflamed	CTB-131Bf	processed_chr5	1.4E+08	1.4E+08	+	6140	46.31265	0.016706	0.652967	0.289494	2.255544	0.0263	0.099229	1
ENSG0000	mucosal hi Inflamed	CCDC112	protein_cc chr5	1.15E+08	1.15E+08	-	3289	254.2291	0	0.464685	0.206032	2.2554	0.026309	0.09925	1
ENSG0000	mucosal hi Inflamed	COQ10A	protein_cc chr12	56660642	56664750	+	3243	258.6396	0	-0.29262	0.129767	-2.25496	0.026338	0.099345	1
ENSG0000	mucosal hi Inflamed	CTD-2284J	processed_chr8	87345503	87355543	-	1673	30.7494	0.004773	0.460239	0.204116	2.254791	0.026349	0.099371	1
ENSG0000	mucosal hi Inflamed	ELL2P1	pseudoger chr1	1.58E+08	1.58E+08	-	1906	10.9284	0.066826	-0.44715	0.198322	-2.25469	0.026356	0.099379	1
ENSG0000	mucosal hi Inflamed	PLCH2	protein_cc chr1	2357419	2436969	+	10781	218.8926	0.00716	0.608705	0.269979	2.25464	0.026359	0.099379	1
ENSG0000	mucosal hi Inflamed	BANK1	protein_cc chr4	1.02E+08	1.03E+08	+	6144	344.4415	0.002387	-0.78581	0.348603	-2.25417	0.026389	0.09948	1
ENSG0000	mucosal hi Inflamed	CD300LG	protein_cc chr17	41924516	41940997	+	4745	15.51551	0.064439	-0.57673	0.255877	-2.25393	0.026405	0.099525	1
ENSG0000	mucosal hi Inflamed	KCNN4	protein_cc chr19	44270685	44285409	-	3289	1907.356	0	-0.25886	0.114859	-2.25371	0.026419	0.099565	1
ENSG0000	mucosal hi Inflamed	RP11-434E	lincRNA chr2	8861264	8862816	-	1553	33.78282	0.016706	0.614468	0.272674	2.253493	0.026434	0.099604	1
ENSG0000	mucosal hi Inflamed	RP11-549E	antisense chr18	29265618	29266786	+	1169	59.95704	0.002387	0.369682	0.164095	2.252849	0.026476	0.099748	1
ENSG0000	mucosal hi Inflamed	RNA5SP28	rRNA chr9	66458144	66458262	-	119	7.420048	0.085919	-0.4304	0.191055	-2.25278	0.02648	0.099751	1
ENSG0000	mucosal hi Inflamed	OSTC	protein_cc chr4	1.1E+08	1.1E+08	+	1617	1946.582	0	-0.28816	0.127927	-2.2525	0.026499	0.099803	1

ENSG0000	mucosal hi Inflamed	RP11-100C lincRNA	chr15	32828248	32879814	+	909	11.11456	0.0358	0.393853	0.174855	2.252455	0.026501	0.099803	1
ENSG0000	mucosal hi Inflamed	SP110	protein_cc chr2	2.31E+08	2.31E+08	-	6865	1155.749	0	-0.33971	0.150862	-2.2518	0.026544	0.099948	1
ENSG0000	mucosal hi Inflamed	GNL3LP1	pseudoger chr5	60187762	60189404	-	1643	1.059666	0.711217	0.230841	0.102523	2.251599	0.026557	0.099985	1

protein	clinEndpt	Analytes	Analytes...	Analytes...CX..	Detecte	Estimate	Std.Error	teststat	pval	qval	bonfpval
P09238	remission	Matrix me	MMP-10	161	100	-0.62738	0.130514	-4.80698	2.41E-06	0.000245	0.000487
P39900	remission	Matrix me	MMP-12	182	100	-0.77756	0.161753	-4.80706	2.42E-06	0.000245	0.000489
Q07325	remission	C-X-C moti	CXCL9	133	100	-0.56375	0.147479	-3.82258	0.000161	0.010827	0.032481
P39900	response	Matrix me	MMP-12	182	100	-0.66399	0.098561	-6.73681	8.23E-11	1.66E-08	1.66E-08
P09238	response	Matrix me	MMP-10	161	100	-0.49787	0.079076	-6.29613	1.06E-09	1.07E-07	2.14E-07
P15514	response	Amphireg	AR	177	100	-0.3947	0.069524	-5.6772	3.25E-08	2.19E-06	6.56E-06
Q16552	response	Interleukir	IL-17A	116	98.2	-0.46473	0.082908	-5.60543	4.65E-08	2.35E-06	9.40E-06
P13725	response	Oncostatin	OSM	126	100	-0.5132	0.096066	-5.34221	1.80E-07	7.27E-06	3.63E-05
P09341	response	C-X-C moti	CXCL1	128	100	-0.27476	0.053137	-5.17085	4.23E-07	1.42E-05	8.54E-05
P36222	response	Chitinase-;	CHI3L1	150	100	-0.40274	0.078336	-5.14119	4.92E-07	1.42E-05	9.95E-05
P03956	response	Matrix me	MMP-1	136	99.7	-0.29832	0.061578	-4.84469	2.04E-06	5.16E-05	0.000413
Q9HD89	response	Resistin	RETN	143	100	-0.35782	0.074335	-4.8136	2.35E-06	5.27E-05	0.000475
P05231	response	Interleukir	IL-6	113	100	-0.42104	0.105175	-4.0032	7.89E-05	0.001595	0.015946
P14210	response	Hepatocyt	HGF	156	100	-0.23325	0.058894	-3.96057	9.36E-05	0.001719	0.018906
P10145	response	Interleukir	IL-8	101	100	-0.39873	0.101336	-3.93471	0.000104	0.001746	0.020949
P09603	response	Macrophag	CSF-1	109	100	-0.11748	0.030572	-3.84256	0.000149	0.002312	0.030062
P16581	response	E-selectin	SELE	108	100	-0.21536	0.057566	-3.74103	0.00022	0.003171	0.0444
P55773	response	C-C motif	CCL23	164	100	-0.19556	0.053402	-3.66205	0.000295	0.003971	0.059562
P21583	response	Stem cell	SCF	132	100	0.152525	0.042663	3.575088	0.000408	0.005155	0.082476
P16422	response	Epithelial	Ep-CAM	152	100	0.274946	0.077486	3.548333	0.00045	0.00535	0.090943
Q8NEV9	response	Interleukir	IL27-A	126	100	-0.11108	0.033151	-3.35077	0.000909	0.009749	0.18354
Q07325	response	C-X-C moti	CXCL9	133	100	-0.31347	0.093614	-3.34847	0.000917	0.009749	0.185234
P20333	response	Tumor nec	TNF-R2	135	100	-0.1608	0.04867	-3.30396	0.00107	0.010408	0.216056
P18510	response	Interleukir	IL-1ra	112	100	-0.2044	0.061929	-3.30061	0.001082	0.010408	0.218558
P15692	response	Vascular e	VEGF-A	102	100	-0.16801	0.053084	-3.1649	0.001712	0.015717	0.34578
P04626	response	Receptor t	ErbB2/HEF	153	100	0.118504	0.038015	3.117281	0.002003	0.017595	0.404695
P00533	response	Epidermal	EGFR	184	100	0.13495	0.044064	3.06261	0.002394	0.020153	0.483677
Q07011	response	Tumor nec	TNFRSF9	187	100	-0.14897	0.049079	-3.03519	0.002611	0.021096	0.527407
O00300	response	Osteoprot	OPG	110	100	-0.12892	0.043803	-2.94303	0.0035	0.027189	0.706918
P56199	response	Integrin al	ITGA1	185	100	0.090149	0.031997	2.817441	0.005164	0.038367	1
Q13478	response	Interleukir	IL-18R1	151	100	-0.11622	0.041398	-2.80726	0.005318	0.038367	1
P01135	response	Transform	TGF-alpha	176	100	-0.24333	0.087763	-2.77254	0.005912	0.041001	1
Q8NFT8	response	Delta and	DNER	174	100	0.108509	0.039283	2.762223	0.006089	0.041001	1
P35318	response	Adrenome	AM	103	100	-0.13583	0.05006	-2.71323	0.007051	0.045944	1
Q9BYZ8	response	Regenerat	REG-4	175	100	-0.12901	0.048202	-2.67647	0.007852	0.049567	1
P35613	response	Extracellu	EMMPRIN	149	100	0.069303	0.026079	2.657416	0.008299	0.050799	1
P07711	response	Cathepsin	CTSL1	185	100	-0.10055	0.038575	-2.60652	0.009602	0.056357	1
P06127	response	T-cell surf	CD5	165	100	-0.10605	0.040782	-2.60041	0.009765	0.056357	1
O43927	response	C-X-C moti	CXCL13	183	100	-0.20354	0.082948	-2.45377	0.014709	0.082534	1
Q99732	response	Lipopolysa	LITAF	157	99.9	-0.15106	0.061825	-2.44335	0.015132	0.082612	1
P19438	response	Tumor nec	TNF-R1	124	100	-0.09257	0.038053	-2.43277	0.015572	0.082778	1
Q8WXI7	response	Ovarian ca	CA-125	191	100	-0.13444	0.05601	-2.40023	0.016998	0.08804	1
P13726	response	Tissue fact	TF	123	100	0.099366	0.041633	2.3867	0.017624	0.089002	1
P29460	response	Interleukir	IL-12B	157	100	-0.1492	0.063267	-2.35827	0.018991	0.093566	1
P39900	mucosal hr	Matrix me	MMP-12	182	100	-0.8339	0.125529	-6.64311	1.44E-10	2.90E-08	2.90E-08
P09238	mucosal hr	Matrix me	MMP-10	161	100	-0.59204	0.102061	-5.80083	1.65E-08	1.67E-06	3.33E-06
Q07325	mucosal hr	C-X-C moti	CXCL9	133	100	-0.59437	0.117374	-5.06387	7.21E-07	4.86E-05	0.000146
Q16552	mucosal hr	Interleukir	IL-17A	116	98.2	-0.41982	0.109202	-3.84444	0.000147	0.007427	0.02971
P20333	mucosal hr	Tumor nec	TNF-R2	135	100	-0.21815	0.062686	-3.48014	0.000576	0.020319	0.116357
P16581	mucosal hr	E-selectin	SELE	108	100	-0.25684	0.07408	-3.46711	0.000604	0.020319	0.121915
P36222	mucosal hr	Chitinase-;	CHI3L1	150	100	-0.34584	0.102936	-3.35972	0.000881	0.025415	0.177905
Q07011	mucosal hr	Tumor nec	TNFRSF9	187	100	-0.20755	0.062819	-3.30386	0.001067	0.026947	0.215573
Q9HD89	mucosal hr	Resistin	RETN	143	100	-0.31692	0.09743	-3.25282	0.001273	0.028562	0.257055
P09603	mucosal hr	Macrophag	CSF-1	109	100	-0.1255	0.039573	-3.17132	0.001676	0.033782	0.338476
P43489	mucosal hr	Tumor nec	TNFRSF4	172	100	-0.19666	0.063066	-3.11833	0.001997	0.033782	0.403298
P78556	mucosal hr	C-C motif	CCL20	190	100	-0.4493	0.144184	-3.11613	0.002007	0.033782	0.405382
P05231	mucosal hr	Interleukir	IL-6	113	100	-0.41694	0.135764	-3.07104	0.00233	0.036203	0.470636
P35318	mucosal hr	Adrenome	AM	103	100	-0.18483	0.064149	-2.88127	0.004248	0.061298	0.858169
P49763	mucosal hr	Placenta g	PIGF	107	100	-0.14782	0.052042	-2.8403	0.004817	0.064775	0.97312
P15514	mucosal hr	Amphireg	AR	177	100	-0.26095	0.092916	-2.80839	0.005308	0.064775	1

P10145	mucosal ht Interleukin IL-8	101	100	-0.36698	0.131525	-2.79021	0.005607	0.064775	1
P29460	mucosal ht Interleukin IL-12B	157	100	-0.22382	0.080639	-2.77558	0.005851	0.064775	1
P55773	mucosal ht C-C motif c CCL23	164	100	-0.19113	0.0692	-2.76204	0.006093	0.064775	1
P29460..P	mucosal ht NA NA NA NA			-0.23116	0.086331	-2.67757	0.007827	0.079053	1
P13725	mucosal ht Oncostatin OSM	126	100	-0.33119	0.128256	-2.58227	0.010281	0.098897	1