

Gene	Transcript	refseq	Raw Counts												log2 Norm Counts				Differential Expression			Differential Expression of ODN+CS504 vs ODN			Actual fold change to ctr			
			CTR1	ODN1	CTR2	ODN2	CTR3	ODN3	CTR4	ODN4	CTR1	ODN1	CTR2	ODN2	CTR3	ODN3	CTR4	ODN4	log2foldchange	pvalue	FDR (<0.05)	log2foldchange	pvalue	FDR	ODN [52]	ODN [53]	ODN [54]	
BET1	NR_133008		1	672	13	1003	12	65	5	35	10842047	702248791	4.0006642	7.51200426	3.96511962	6.88213459	3.84915801	6.69838657	3.1023376	0.0000000	0.0000000	-1.73186652	4.22E-06	0.042575482	1.566865314	9.8151421	2.962697945	
BET1	NR_133009		1	608	12	918	12	63	5	30	108462047	6.88925755	3.89267808	3.7012655	3.96511962	6.83743492	3.84915801	6.4783076	3.027168915	1.14E-07	0.0000000	-1.7766093	2.99E-06	0.042575482	1.436159015	9.20128246	2.709595828	
CXCL11	NM_010302		65	17843	692	17614	154	1101	63	501	6.2065877	11.7525969	6.6435924	11.6460974	11.6460974	6.95914868	10.5281009	7.40927284	10.5247908	3.087487111	1.34E-08	0.0000000	-0.451410007	0.334554581	0.99994554	2.636077103	8.57124246	2.61639037
CXCL11	NM_050409		65	17843	692	17614	154	1101	63	501	6.2065877	11.7525969	6.6435924	11.6460974	11.6460974	6.95914868	10.5281009	7.40927284	10.5247908	3.087487111	1.34E-08	0.0000000	-0.451410007	0.334554581	0.99994554	2.636077103	8.57124246	2.61639037
IFNA21	NM_0020175		89	21746	875	32478	174	1151	69	353	6.6546755	12.0379137	9.9817261	12.5422904	11.0168257	7.53977918	10.0205899	6.36949566	9.28E-09	0.0000000	0.0000000	-0.939366052	0.043538774	0.99994554	2.167702710	8.500142929	2.61639037	
IFNA2	NM_000605		47	14688	539	23335	115	582	41	207	5.74627036	11.4719664	9.28361754	10.051969	7.1404441	10.0373764	6.79409182	9.25100112	3.095945924	5.50E-08	0.0000000	-1.020206736	0.039292956	0.99994554	1.985187766	8.05226416	3.970134177	
IFNA1	NM_024013		107	27845	1074	44736	248	1219	81	461	6.93789821	12.3845458	10.712008	12.3456505	11.0956261	8.27345488	10.9984213	6.50438493	2.98993289	2.9E-08	0.0000000	-0.897464614	0.05545779	0.99994554	2.091518034	7.93913521	4.51962899	
IFNA15HG	NR_001458		31	6960	302	8558	66	699	43	142	5.15968336	10.3905515	8.44666312	10.651965	10.651965	6.34691976	8.62199793	8.17072793	6.83917883	2.99894424	1.68E-07	0.0000000	-0.931656089	0.039351465	0.99994554	1.985187766	7.77037607	4.07364282
IFNW1	NM_002177		40	10094	377	14470	85	513	50	193	5.51830536	10.9310576	8.76889117	11.3921313	6.7079495	9.8518612	7.07805408	9.15014295	2.915148093	6.87E-08	0.0000000	-1.280891068	0.004715478	0.836093744	1.634267025	7.54302833	3.104297932	
DNAH4	NM_001317		8	1952	78	2632	19	140	12	35	3.1709273	8.5663639	6.50849533	8.0061624	4.59346388	7.9824828	5.05282221	6.69838657	2.951858929	1.07E-06	0.0000000	-1.216720609	0.004919161	0.836093744	1.59812772	7.03405308	3.027500545	
LINC00515	NR_024092		6	1144	80	3359	23	142	8	22	2.94951718	7.7954879	6.544625	9.25738756	4.8588913	8.00286656	4.8991291	6.03672071	2.81426804	1.55E-06	0.0000000	-0.857781814	0.052708099	0.99994554	1.95648709	7.03627326	3.881157796	
IFNA17	NM_021268		91	21037	835	31339	186	738	69	336	6.68642197	11.9301402	9.91428763	12.4771368	7.8302047	10.3767041	7.53977918	9.94892224	2.816350181	1.30E-07	0.0000000	-0.827849625	0.078267667	0.99994554	1.985780556	7.03051406	3.960788982	
DNAH4	NM_001317		8	1952	78	2636	19	142	12	35	3.1709273	8.5663639	6.50849533	8.0061624	4.59346388	7.9824828	5.05282221	6.69838657	2.951858929	1.07E-06	0.0000000	-1.219524255	0.004108132	0.836093744	1.550266731	6.82018648	3.923718973	
CXCL9	NM_002416		12	4168	147	2136	69	420	48	412	3.85278601	6.6503699	7.4153085	8.0651651	4.01027049	9.5633737	7.91960522	10.2428361	2.91014693	3.56E-06	0.0000000	-0.995521215	0.019605020	0.977539476	1.806394918	6.97365355	3.497662909	
IFNA8	NM_002170		94	20442	843	34962	189	707	66	296	6.73276906	11.9240129	9.92802988	12.6349391	8.8518726	10.3141841	7.47600211	9.76625542	2.929259959	1.58E-07	0.0000000	-0.876492082	0.063965072	0.99994554	1.915650478	6.92619731	3.77283869	
IFNA14	NM_002172		79	19892	733	30639	168	633	64	269	6.48453423	11.9093839	9.72653267	12.4445526	7.68404195	10.1548119	7.4318603	9.62846039	2.78805343	3.17E-07	0.0000000	-0.827215211	0.094163736	0.99994554	2.005383219	6.90697226	4.014828103	
IFNA13	NM_006900		52	17691	696	29995	164	629	49	191	5.88953462	11.7402579	9.65189771	12.413911	7.6494762	10.1456474	7.04912562	9.13514133	2.786734589	1.77E-06	0.0000000	-0.755401265	0.104347084	0.99994554	2.03133324	9.0006113	4.087824683	
MIR22HG	NR_028503		8	560	16	834	8	52	4	16	3.1709273	7.7165584	4.2832293	7.5945945	3.4256207	6.5632609	3.5204197	5.5855049	2.727886424	3.60E-07	0.0000000	-1.616379242	9.69E-05	0.145122775	1.1566207182	6.83331874	2.228707337	
IFNA15	NM_002178		121	32189	1241	43882	288	1209	94	449	7.09401344	12.6032021	10.4854534	12.366236	8.45872351	11.0877457	7.9837801	10.366809	2.812318575	3.38E-07	0.0000000	-0.884973112	0.060266258	0.99994554	1.927945462	7.02412527	3.805129258	
MIR22HG	NR_028503		7	418	13	620	7	50	3	15	3.14497997	6.35421054	4.0006642	6.83007262	3.25202983	5.0728747	3.17743252	5.49439869	2.758891039	8.21E-07	0.0000000	-1.516668933	0.000247483	0.247002678	1.242222467	6.7875921	2.365626749	
MIR22HG	NR_028505		7	418	13	620	7	50	3	15	3.14497997	6.35421054	4.0006642	6.83007262	3.25202983	5.0728747	3.17743252	5.49439869	2.758891039	8.21E-07	0.0000000	-1.516668933	0.000247483	0.247002678	1.242222467	6.7875921	2.365626749	
IFNB1	NM_002176		58	16045	579	22535	135	471	39	180	6.04455618	11.5941093	9.83765359	12.0014493	7.37025396	9.72878685	6.72260856	9.04972239	2.758910543	1.08E-06	0.0000000	-1.144414467	0.011858407	0.969586977	2.06991276	6.73200727	3.004130625	
DNAH4	NM_001317		8	1952	78	2636	19	141	12	35	3.1709273	8.5663639	6.50849533	8.0061624	4.59346388	7.9824828	5.05282221	6.69838657	2.951858929	1.07E-06	0.0000000	-1.218509424	0.004105239	0.836093744	1.527607251	6.7009872	2.8803772	
CXCL10	NM_001565		53	19162	595	9808	150	748	59	412	5.91655611	11.8554458	9.46200405	10.8017693	7.52138481	10.3954501	7.31521125	10.2428361	2.716614046	4.55E-06	0.0000000	-0.280340301	0.045384032	0.99994554	2.438303103	6.58265873	5.42013995	
GC1H	NM_001024		22	2211	94	4177	45	172	11	54	4.68133596	8.7492624	6.77480223	9.57136118	5.80262651	8.27842087	4.9309978	7.3190049	2.693715735	1.21E-07	0.0000000	-0.470486666	0.317115258	0.99994554	2.223229266	6.425975487	4.669373744	
GC1H	NM_001024		22	2216	92	4069	44	166	10	53	4.68133596	8.67293693	6.74424169	9.5361865	5.77079235	8.27345488	4.7821583	7.2912983	2.69844665	1.21E-07	0.0000000	-0.885722699	0.138833559	0.99994554	2.004121396	6.45349317	4.011444774	
MIR22HG	NR_028502		8	570	18	939	10	52	5	16	3.1709273	7.7695927	4.4489446	7.4246154	3.72044292	6.5632609	3.84915801	5.5855049	2.69349259	1.18E-06	0.0000000	-1.59894662	6.87E-05	0.113734362	1.039277669	6.226947943	2.055198395	
GC1H	NM_001024		22	2318	98	4358	51	178	13	55	4.68133596	8.8198874	6.8345654	9.63248148	5.98015473	8.2771491	5.16471165	7.34540283	2.63294529	3.69E-07	0.0000000	-0.474569997	0.312698161	0.99994554	2.149375295	6.1643351	4.436546627	
SAMD9L	NM_001303		216	28020	1105	26785	262	1538	211	876	7.9235877	11.4035437	10.3181205	12.250646	8.32262838	11.4348451	9.14721673	11.3304918	2.619189469	1.79E-07	0.0000000	-0.569019974	0.146966204	0.99994554	2.05956299	6.14404792	4.143156427	
NFYS3A	NM_001002		20	6269	206	3306	59	374	27	109	4.5494443	10.2443176	7.89997137	9.23448028	6.18727021	9.39652078	6.19812545	8.3282757	2.6405066	1.57E-05	0.0000000	-0.27510688	0.559965121	0.99994554	2.32939972	6.08183468	5.02596185	
IFH1	NM_021168		207	18331	649	16900	151	942	91	335	7.86424324	11.7151513	10.5115804	11.3364171	7.5391885	11.279183	9.37177137	9.94462646	2.630217172	2.92E-08	0.0000000	-0.748106104	0.064009298	0.99994554	1.88511068	6.9540139	6.983813606	
SAMD9L	NM_001303		225	28663	1167	27775	273	1570	215	896	7.98402406	1																

IF27	NM_001288f	0	7393	108	2385	33	80	6	27	6.00977563	5.2019786	6.9757219	8.7612869	5.3645396	4.8954107	6.32810129	2.275259345	0.0003942	0.03	-0.593003044	0.197453306	0.99994554	1.682749001	8.48048649	3.202924761	
IF27	NM_001288f	4	339	16	425	8	189	6	27	6.05506658	4.2832527	6.9104241	8.3425007	5.7393983	4.8954107	4.2196926	2.26983216	0.0003942	0.03	-0.58224836	0.17013528	0.99994554	1.65816464	8.2824163	3.202924761	
ENP22	NM_045555	3	1780	65	2337	49	168	23	6	5.24743301	8.3025597	6.2482666	8.3504403	6.7445616	5.92702412	4.74930761	2.26557362	0.0003942	0.00	-0.863073861	0.040890775	0.99994554	1.39740171	7.914223	2.62462742	
IF127	NM_001130	12	3807	108	2386	34	80	6	27	3.85297861	9.52550584	6.9757219	8.7649108	5.40657438	4.71939983	4.0954107	6.32810129	2.26557362	0.0003942	0.03	-0.59258401	0.197804796	0.99994554	1.66399231	4.77856142	3.168922375
IF127	NM_001288f	12	3807	108	2386	34	80	6	27	3.85297861	9.52550584	6.9757219	8.7649108	5.40657438	4.71939983	4.0954107	6.32810129	2.26557362	0.0003942	0.03	-0.59258401	0.197804796	0.99994554	1.66399231	4.77856142	3.168922375
IF127	NM_001288f	12	3804	108	2386	34	80	6	27	3.85297861	9.52437006	6.9757219	8.7649108	5.40657438	4.71939983	4.0954107	6.32810129	2.26552526	0.0003947	0.03	-0.59268277	0.19771784	0.99994554	1.66385256	4.7784254	3.168615328
IF127	NM_005532	12	3804	108	2386	34	80	6	27	3.85297861	9.52437006	6.9757219	8.7649108	5.40657438	4.71939983	4.0954107	6.32810129	2.26552526	0.0003947	0.03	-0.59268277	0.19771784	0.99994554	1.66385256	4.7784254	3.168615328
TSPAN13	NM_014399	67	4510	230	4754	264	146	263	81	5.24977453	8.9013278	6.8500277	8.9381737	8.8894484	6.6849074	6.70014273	2.22253536	0.0003942	0.00	-0.551436589	0.181935984	0.99994554	1.67951638	4.7278943	3.20372057	
TALL	NM_001290f	4	1064	60	1190	41	97	16	21	2.4550365	7.6913817	6.1347292	6.1380377	5.6708848	7.4556193	5.45671092	5.7056256	2.23258526	0.0003936	0.03	-0.327180854	0.44120589	0.99994554	1.90877813	4.7084701	3.753087208
GBP4	NM_052941	11	3046	122	3636	59	219	35	90	3.73649582	9.20425619	7.14801411	9.37152836	6.8669608	6.62592763	6.56804972	8.05244213	2.23136589	0.0017555	0.02	-0.741495605	0.083786539	0.99994554	1.48980484	6.9568812	2.808580169
TALL	NM_001290f	6	1233	66	3608	51	103	18	28	2.94951718	7.90310484	6.27036546	9.4381126	5.98015473	7.541748	5.62298125	6.37992726	2.22478617	0.00028535	0.02	-0.350114832	0.410317946	0.99994554	1.874617193	4.6741807	3.66718218
IF127	NM_001288f	12	3807	108	2386	36	80	6	27	3.85297861	9.52550584	6.9757219	8.7649108	5.48714574	4.71939983	4.0954107	6.32810129	2.221730935	0.000479301	0.03	-0.592505361	0.197866389	0.99994554	1.622925574	4.66425746	3.093468995
IF127	NM_001288f	12	3804	108	2386	36	80	6	27	3.85297861	9.52437006	6.9757219	8.7649108	5.48714574	4.71939983	4.0954107	6.32810129	2.221690509	0.000479301	0.03	-0.592640055	0.197779443	0.99994554	1.629804854	4.66425746	3.093468995
IF127	NM_001288f	12	3801	108	2383	36	80	6	27	3.85297861	9.52232338	6.9757219	8.76309899	5.48714574	4.71939983	4.0954107	6.32810129	2.221124779	0.00048048	0.03	-0.592510733	0.197844601	0.99994554	1.628614046	4.66256804	3.092518016
RAB29	NM_001135f	10	3193	110	2319	37	97	16	48	3.60977563	9.2712402	6.99883567	8.72391539	5.52858042	7.45653915	5.45671092	7.15029877	2.214264005	0.00027993	0.02	-0.625921775	0.127126936	0.99994554	1.58834763	6.64045059	3.007047444
IF144L	NM_006820	251	17828	728	19709	205	907	162	338	8.14421405	11.7513839	9.7166662	11.8081815	7.96993789	10.6733266	8.76664999	9.95745611	2.20742948	4.066	0.06	-0.308804303	0.408990765	0.99994554	1.895988184	1.0028224	7.127168149
IF127	NM_001013f	242	5776	2236	61448	481	1441	231	376	8.08872376	13.44742	11.3344226	13.4484197	9.19704531	11.340895	9.27756626	11.1013884	2.185526455	0.00023127	0.02	-0.441714239	0.349424922	0.99994554	1.743812306	5.4892783	3.349190194
IF127	NM_001288f	242	5786	2241	61534	481	1442	232	376	8.08872376	13.446654	11.3376438	13.4504373	9.19704531	11.3418955	9.28377819	11.1018685	2.185534405	0.00023127	0.02	-0.441494403	0.349675211	0.99994554	1.74380402	5.4883548	3.349278633
NRS2A	NM_001276f	6	1363	55	2918	57	132	27	34	2.94951718	8.04714264	6.0110642	9.05469187	6.13821167	7.89793958	6.19815245	6.65697492	2.183322287	0.00041448	0.03	-1.115940253	0.015752943	0.977539476	1.067412035	5.4220739	2.095670694
NRS2A	NM_003822	6	1363	55	2918	57	132	27	34	2.94951718	8.04714264	6.0110642	9.05469187	6.13821167	7.89793958	6.19815245	6.65697492	2.183322287	0.00041448	0.03	-1.115940253	0.015752943	0.977539476	1.067412035	5.4220739	2.095670694
NRS2A	NM_205860	6	1363	55	2918	57	132	27	34	2.94951718	8.04714264	6.0110642	9.05469187	6.13821167	7.89793958	6.19815245	6.65697492	2.183322287	0.00041448	0.03	-1.115940253	0.015752943	0.977539476	1.067412035	5.4220739	2.095670694
NRS2A	NM_001547	963	71151	3155	97105	728	1707	295	869	10.0772794	13.7482964	11.8309797	14.1085518	9.79411265	11.5852011	9.62987395	11.3189216	2.189024423	2.386	0.06	-0.295931408	0.261710005	0.99994554	1.650683275	5.5212114	3.13982309
CF12L2	NR_111970	8	2211	89	3116	34	65	11	25	3.31709273	8.74296264	6.6986667	9.1492348	5.40657438	4.88213459	4.9309978	6.2185058	2.190126028	0.00041529	0.03	-0.589770919	0.190689911	0.99994554	1.58946299	4.52914965	3.009362858
IF127	NM_001288f	241	57867	2239	61439	482	1445	237	376	8.08277185	13.4496903	11.3363562	13.4482284	9.20003646	11.3448826	9.31449161	11.1018685	2.17665389	0.00025127	0.02	-0.442482762	0.348613748	0.99994554	1.734711128	5.2103752	3.32682995
IF127	NM_001549	241	57777	2235	61353	482	1444	236	376	8.08277185	13.4474449	11.337775	13.4461877	9.20003646	11.3438943	9.30840101	11.1013884	2.176640959	0.00025127	0.02	-0.442475696	0.348393192	0.99994554	1.73396522	5.2099886	3.3264082
GAINT3	NM_004842	3	944	29	1142	18	47	98	16	2.12513941	7.51963476	4.9303172	7.7054876	4.51895709	6.8383208	4.9309978	5.88550469	2.167511627	0.000721024	0.04	-0.825413872	0.054838227	0.99994554	1.331737755	4.4913577	2.517056768
QAS3	NM_006187	62	13554	493	11672	210	581	90	184	6.13936071	11.3560896	9.15513589	11.0535557	8.00456629	10.0312578	9.78129763	9.08137007	2.16400515	0.0001687	0.02	-0.406554691	0.346100017	0.99994554	1.747358281	4.4503291	3.57424511
CC15	NM_002985	10	1732	86	3446	34	73	16	21	3.60977563	8.36226973	6.1380377	6.1380377	5.6574838	7.04250385	5.45671092	6.103210129	2.110636791	0.00072026	0.02	-1.106367941	0.011828753	0.99994554	1.044314722	4.6985224	2.062142059
CREM	NM_001267f	2	278	9	318	7	25	4	6	1.69672165	7.7464601	3.5069599	5.8782361	3.25202983	5.5230603	3.52041927	4.2196926	2.145083056	0.00116363	0.05	-0.594638249	0.192734083	0.99994554	1.550444808	4.42317275	2.92907437
CC12L2	NM_001291f	9	2217	89	3148	38	68	11	25	3.47084365	8.74668328	6.6986667	9.1639493	5.56345438	6.94668994	4.9309978	6.2185058	2.142478757	0.00049582	0.03	-0.575808027	0.202175524	0.99994554	1.56689794	4.4151999	2.962670002
NMI	NM_004688	92	2442	75	2768	34	167	17	37	6.70203702	8.8860626	6.4254565	8.9780294	5.40657438	8.23598152	5.4224009	6.7778082	2.140161086	8.396	0.06	-0.636517065	0.059021477	0.99994554	1.503644021	4.40811263	2.835580318
TALL	NM_001290f	4	1087	61	3210	49	98	18	23	2.4550365	7.7209327	6.15823983	9.19203848	5.92337176	7.47035228	5.62298125	6.09995828	2.138645202	0.00073114	0.04	-0.333893153	0.470324676	0.99994554	1.804646205	4.4034832	3.284373144
PTG52	NM_000963	197	4833	176	15391	68	330	37	105	7.79312236	9.8035463	9.10460019	11.4515268	6.8940473	9.2162392	6.64739793	8.27400581	2.137314128	2.326	0.07	-1.947378905	0.1496	0.06	0.042575482	0.39942757	1.467045002
IF16	NM_022873	53	6035	313	7575	91	355	59	93	9.51655611	10.189422	8.5011654	10.429289	6.80544302	9.32141609	7.31521125	8.09957253	2.1362083	8.15E-05	0.01	-0.436331587	0.27898307	0.99994554	1.699874713	3.9605154	3.248731949
IF16	NM_022872	53	6034	313	7575	91	355	59	93	9.51655611	10.1892433	8.5011654	10.429289	6.80544302	9.32141609	7.31521125	8.09957253	2.136183792	8.15E-05	0.01	-0.437541017	0.278512736	0.99994554	1.698642774	3.9597686	3.248594494
IF16	NM_002038	53	6032	313	7575	91	355	59	93	9.51655611	10.1887654	8.5011654	10.429289	6.80544302	9.32141609	7.31521125	8.09957253	2.136134753	8.15E-05	0.01	-0.437607017	0.278417671	0.99994554	1.698527737	3.9582744	3.248596756
HESX1	NM_003865	4	429	10	333	11	30	5	11	2.4550365	6.39123301	3.64894042	5.9442137	3.84796212	5.78085											

Table with columns for ID, X, Y, Z, and multiple columns of numerical data. The table contains a large volume of data points, likely representing a dataset for research or analysis.

Table with columns for ID, Name, and numerical values. The table contains multiple rows of data, including entries like SLAMF7, PAMP14, WDFY1, etc., with associated numerical values and a final column of zeros.

R3HM2	MM_001330	260	313	407	403	97	33	42	15	8.19186141	5.94277394	8.8791231	6.82854768	5.49439869	-1.708455813	0.00032226	0.03	0.582054387	0.063449839	0.99994554	-1.126401426	0.30598741	0.458056852
R3HM5	MM_001330	461	403	449	453	107	29	42	8	4.1103367	9.02051165	6.3176517	7.5959291	6.1708792	-1.70957479	0.00122128	0.05	0.559128676	0.09721799	0.99994554	-1.2124242	0.30575272	0.63708491
R3HM2	MM_001330	260	313	406	403	99	33	42	15	8.19186141	5.94277394	8.87570703	6.82854768	5.49439869	-1.712181176	0.00035861	0.03	0.572296763	0.067232354	0.99994554	-1.14292143	0.30046565	0.642841653
SYK	MM_001174	248	176	436	438	46	22	30	11	8.12392862	5.13032915	8.97200216	6.33994563	5.83377337	-1.75262424	0.0010024	0.04	0.42583938	0.313793531	0.99994554	-1.327240286	0.29676149	0.398529586
CSF2RA	MM_001161	779	323	200	279	147	36	53	33	9.7716823	5.98741912	7.85725065	5.6934866	4.9239877	-1.761513876	0.00159775	0.04	0.530436888	0.1618918	0.99994554	-1.25064971	0.29066417	0.402528904
FECH	MM_000140	80	107	245	116	259	16	28	4	6.5024817	4.43868472	8.1488892	4.6659957	6.18727021	-1.800766319	0.00132591	0.05	0.536348275	0.185893194	0.99994554	-1.26441804	0.28720209	0.416267248
BANP	MM_001173	102	69	110	253	25	5	10	3	6.80494127	3.8419227	6.9998367	5.5521898	4.97516041	-1.807302236	0.00142685	0.05	0.199206066	0.659730433	0.99994554	-2.002908302	0.28643029	0.249496537
CSF2RA	MM_001270	823	353	219	279	145	37	55	33	9.85086316	6.11361391	7.98764164	5.6934866	4.77274596	-1.807526299	0.00087324	0.04	0.523762957	0.160794085	0.99994554	-1.28376332	0.28580385	0.410727227
GLB1	MM_001317	135	188	390	194	79	22	37	17	7.25097028	5.21942924	8.81365052	6.30339704	5.34970765	-1.750868799	0.00176016	0.04	0.26486789	0.013424244	0.96958977	-1.084014073	0.28519034	0.418576594
CSF2RA	MM_001161	823	357	219	283	159	41	56	33	9.85086316	6.12964173	7.98764164	5.7124464	4.62246042	-1.811512689	0.00073819	0.04	0.567290562	0.124510186	0.99994554	-1.24226591	0.28489088	0.421213418
FECH	MM_001012	80	107	245	116	259	16	29	4	6.5024817	4.43868472	8.1488892	4.6659957	6.18727021	-1.813581596	0.00118957	0.05	0.536348275	0.185893194	0.99994554	-1.27723331	0.2844838	0.412585973
CCDC115	MM_001231	50	78	252	183	26	6	10	3	5.91635611	4.00714468	8.18938998	5.09961414	5.02997874	-1.82440516	0.00119664	0.05	-0.008730024	0.984854754	0.99994554	-1.29164762	0.28228203	0.404845065
GLB1	MM_001135A	132	168	388	172	145	19	31	11	7.12866406	5.0651704	8.18028953	5.01286748	5.77079235	-1.886241292	0.00130092	0.05	0.885621292	0.020706126	0.977539476	-0.930780794	0.28324026	0.524574363
CSF2RA	MM_127246	823	352	219	275	145	36	55	33	9.85086316	6.10958574	7.98764164	5.67305655	4.77274596	-1.82733908	0.00055991	0.04	0.533754342	0.155031679	0.99994554	-1.28757956	0.28229523	0.409637709
CSF2RA	MM_006140	823	353	219	279	148	37	56	33	9.85086316	6.11361391	7.98764164	5.6934866	4.77274596	-1.822039712	0.00072037	0.04	0.53029495	0.155471573	0.99994554	-1.29164762	0.28228203	0.404845065
CSF2RA	MM_127245	823	353	219	279	148	37	56	33	9.85086316	6.11361391	7.98764164	5.6934866	4.77274596	-1.822039712	0.00072037	0.04	0.529507362	0.155001426	0.99994554	-1.29253246	0.28228203	0.408233832
SLC35E2	MM_182838	114	111	68	69	33	13	21	4	7.0066885	4.31288438	6.31288438	3.36453596	4.60831746	-1.826689091	0.00070305	0.04	0.602213029	0.165532874	0.99994554	-1.262667363	0.27454596	0.410772686
CCDC115	MM_001231	50	78	248	171	26	6	8	3	5.8339242	4.00714468	8.16638608	5.00741652	5.02997874	-1.86828114	0.00098333	0.04	0.507089756	0.901258497	0.99994554	-1.81117018	0.27390023	0.284959707
PACS1	MM_018026	393	218	74	87	84	14	9	9	8.78620843	5.43112426	6.43340027	6.69104026	4.71100168	-1.92252381	0.00117417	0.05	0.449335208	0.266197281	0.99994554	-1.459290173	0.267345	0.363672017
FBNQ42	MM_018994	380	172	185	111	38	17	15	7	8.77779033	5.09811987	7.7452803	4.5011857	5.56345438	-1.91908506	0.00131451	0.05	0.68755864	0.05840489	0.99994554	-1.26104996	0.26429017	0.417240181
CRAMP1	MM_020825	228	236	205	77	54	12	10	8	8.0030759	5.54030306	7.92278221	3.90740151	6.06134664	-1.912110509	0.00138906	0.05	0.07626659	0.866297186	0.99994554	-1.844843918	0.26405118	0.273835521
ZNF461	MM_001322	41	43	50	26	39	13	18	5	5.55316132	3.21942924	5.87579593	5.25183793	4.60831746	-1.92856004	0.00187354	0.05	0.533274112	0.210061391	0.99994554	-1.395286299	0.26269117	0.380169239
ZNF461	MM_153257	41	43	50	26	39	13	18	5	5.55316132	3.21942924	5.87579593	5.25183793	4.60831746	-1.92856004	0.00187354	0.05	0.533274112	0.210061391	0.99994554	-1.395286299	0.26269117	0.380169239
ZNF461	MM_001322	41	43	50	26	39	13	18	5	5.55316132	3.21942924	5.87579593	5.25183793	4.60831746	-1.92856004	0.00187354	0.05	0.533274112	0.210061391	0.99994554	-1.395286299	0.26269117	0.380169239
DHCR7	MM_001163A	181	208	135	146	27	4	9	4	7.67149129	5.36498637	7.29320257	4.78436282	5.08279015	-1.93205419	0.00028452	0.02	0.314041923	0.436603998	0.99994554	-1.62327552	0.26110148	0.324597654
DHCR7	MM_001360	181	208	135	146	27	4	9	4	7.67149129	5.36498637	7.29320257	4.78436282	5.08279015	-1.93205419	0.00028452	0.02	0.314041923	0.436603998	0.99994554	-1.62327552	0.26110148	0.324597654
ZNF461	MM_001566	395	187	473	267	132	29	16	20	8.79351523	5.21536701	9.09549542	5.63311163	7.33803064	-1.939713386	0.00144622	0.05	0.73798826	0.039710659	0.99994554	-1.201724559	0.26066822	0.434755276
INP4A	MM_001281	324	239	102	49	24	31	19	8	8.5083687	5.50628656	6.89178513	3.39933137	6.77367164	-1.941005166	0.00057485	0.02	1.008622089	0.003225443	0.80621185	-0.860248487	0.26042673	0.650789847
ZNF461	MM_001322	41	43	50	26	39	13	18	5	5.55316132	3.21942924	5.87579593	5.25183793	4.60831746	-1.943171129	0.00128932	0.05	0.505213032	0.198006209	0.99994554	-1.392755127	0.26004421	0.380783225
CSF2RA	MM_001161	417	214	183	145	142	31	52	32	8.8064739	5.4050318	7.72967216	4.77480836	7.44275557	-1.945017226	0.00035721	0.03	0.571212001	0.13157499	0.99994554	-1.374705045	0.25949781	0.38653154
ZNF461	MM_001281	437	241	103	56	90	25	33	21	8.93898334	5.57263454	6.90574236	3.48366915	6.78964479	-1.949389834	0.00067611	0.03	1.049350908	0.00329721	0.80621185	-0.877397319	0.25933882	0.536772116
ZNF461	MM_001281	437	241	103	56	90	25	33	21	8.93898334	5.57263454	6.90574236	3.48366915	6.78964479	-1.947089921	0.00067611	0.03	1.02489025	0.004175297	0.836093744	-0.918599671	0.25933882	0.529022258
ZNF461	MM_001281	437	241	103	56	90	25	33	21	8.93898334	5.57263454	6.90574236	3.48366915	6.78964479	-1.947089921	0.00067611	0.03	1.06581511	0.002782546	0.75591186	-0.881274811	0.25933882	0.536787507
ZNF461	MM_183047	437	241	103	56	90	25	33	21	8.93898334	5.57263454	6.90574236	3.48366915	6.78964479	-1.947089921	0.00067611	0.03	1.047483942	0.003273993	0.80621185	-0.89960087	0.25933882	0.536023239
TRAK1	MM_001042	10	42	102	45	68	9	29	6	6.60977563	3.1889557	6.89178513	3.19933558	6.8394673	-1.948183163	0.00133294	0.05	1.267194983	0.00162505	0.65356373	-0.68098818	0.25912437	0.623737896
SSH1	MM_018984	299	191	409	229	91	31	29	16	8.39281559	5.28859191	9.17255764	5.41464122	8.05433021	-1.95226758	0.00067712	0.03	0.418225758	0.326914157	0.99994554	-1.53226107	0.25872892	0.345735099
GSK3A	MM_019884	176	237	563	300	65	10	5	5	7.63217805	5.54899999	6.34636851	5.79622919	6.32516631	-1.953231242	0.00119305	0.05	0.572102946	0.149854744	0.99994554	-1.38121296	0.25822109	0.383984475
ZNF461	MM_001281	435	241	103	55	89	24	33	21	8.93237897	5.57263454	6.90574236	3.46001693	6.73736164	-1.958659129	0.00063243	0.03	1.014358991	0.000505855	0.853271877	-0.9442993	0.25726744	0.358961894
ZNF461	MM_001281	437	241	103	56	90	25	33	21	8.93898334	5.57												

MAST3	NM_015016	53	23	34	40	54	5	4	4	5.91655611	2.44532933	5.33091828	3.04892904	6.06134664	3.32146658	3.55204197	3.67293734	-2.134862867	0.00025453	0.005	0.895611302	0.045438185	0.99994554	-1.239251566	0.2776891	0.423592348	
STABP	NM_01376561	53	52	64	25	10	1	0	3	4.85889035	3.46366031	7.80607714	4.04948941	4.97511646	4.09914177	3.29511974	-1.40626507	0.00000000	0.004	0.333104276	0.467714632	0.99994554	-1.286805374	0.22678079	0.268605374		
GABP2	NM_0013231	132	106	397	154	26	11	12	2	7.21866406	4.42375662	8.94329903	4.85866210	4.02997874	4.78702344	5.05252821	2.78183448	-1.32642613	0.00004054	0.005	0.923313157	0.025422471	0.99994554	-1.306526997	0.22651852	0.402492965	
CD25B	NM_0012871	35	44	169	29	53	9	7	4	5.33015006	3.24889108	7.61541447	2.64963404	6.03478715	4.10385368	4.30569564	3.67293734	-1.144101591	0.001421119	0.005	0.923313157	0.025422471	0.99994554	-1.220788643	0.22623468	0.42904871	
CD25B	NM_0012872	35	44	170	29	53	9	7	4	5.33015006	3.24889108	7.62388292	2.64963404	6.03478715	4.10385368	4.30569564	3.67293734	-1.144101591	0.001421119	0.005	0.923313157	0.025422471	0.99994554	-1.221434297	0.22623468	0.42904871	
IKZF5	NM_0012574	42	25	217	42	51	20	30	11	5.58719498	2.54427561	7.97448521	3.11099328	5.98015473	5.20895443	6.34818929	5.05853061	-2.142529724	0.00080994	0.004	0.75606488	0.076631001	0.99994554	-1.389232364	0.22604827	0.381767881	
IKZF3	NM_0012575	42	26	220	45	56	20	30	12	5.58719498	2.59131707	7.99418846	3.19935358	6.1130423	5.20895443	6.34942635	5.18049493	-2.146763062	0.00090306	0.004	0.725015312	0.088259015	0.99994554	-1.42174774	0.226281871	0.373295853	
TBC1D8	NM_138475	551	290	193	244	66	17	24	4	9.72779408	5.83452314	7.80607714	5.50400402	6.34691996	4.98135608	6.03681551	3.67293734	-2.148625446	0.00000000	0.001	0.802097206	0.039551306	0.99994554	-1.346585341	0.22518496	0.39322165	
CTAP	NM_006371	92	20	82	27	153	24	40	22	6.70262702	2.42828009	6.65249063	7.54079908	4.6647327	6.75789288	6.03672071	-1.15437059	0.00000000	0.002	0.830124818	0.066939604	0.99994554	-1.32144911	0.22654852	0.40134832		
PTFRS	NM_130854	500	444	1056	472	57	18	26	7	9.13297077	6.44023425	10.2527364	6.44050271	6.04178715	6.11446021	4.43008236	-2.156368986	5.666	0.005	0.01	0.932933814	0.017635774	0.99994554	-1.223465752	0.22519499	0.428261309	
GPI	NM_001184	145	105	212	53	37	7	12	8	7.35331038	4.41272987	9.94096271	3.41151641	5.2580452	3.76505966	5.05258221	4.61524274	-2.159265192	0.00059166	0.003	0.356376044	0.371641881	0.99994554	-1.802889148	0.22387026	0.28660067	
GPI	NM_001289	145	105	212	53	37	7	12	8	7.35331038	4.41272987	9.94096271	3.41151641	5.2580452	3.76505966	5.05258221	4.61524274	-2.159265192	0.00059166	0.003	0.339515872	0.394065038	0.99994554	-1.819745913	0.22387026	0.283271018	
GPI	NM_000175	146	105	212	55	38	7	12	8	7.36316541	4.41272987	9.94096271	3.46001693	5.56345438	3.76505966	5.05258221	4.61524274	-2.16959452	0.00052134	0.003	0.381458323	0.336011993	0.99994554	-1.788136197	0.22227313	0.289545866	
GPI	NM_001289	146	105	212	55	38	7	12	8	7.36316541	4.41272987	9.94096271	3.46001693	5.56345438	3.76505966	5.05258221	4.61524274	-2.16959452	0.00052134	0.003	0.396959818	0.316944763	0.99994554	-1.772598702	0.22227313	0.2952861061	
GPI	NM_001329	146	105	212	55	38	7	12	8	7.36316541	4.41272987	9.94096271	3.46001693	5.56345438	3.76505966	5.05258221	4.61524274	-2.16959452	0.00052134	0.003	0.381458323	0.336011993	0.99994554	-1.788136197	0.22227313	0.289545866	
GSN	NM_0011271	327	61	193	79	50	19	13	7	8.51262917	3.67727035	7.80607714	3.94204075	5.95204259	5.13700529	5.16471165	4.43008236	-2.170327349	0.00104885	0.004	0.534627427	0.246890336	0.99994554	-1.635699922	0.22216026	0.321814242	
SMG9	NM_0011271	327	61	193	79	50	19	13	7	8.51262917	3.67727035	7.80607714	3.94204075	5.95204259	5.13700529	5.16471165	4.43008236	-2.170327349	0.00104885	0.004	0.534627427	0.246890336	0.99994554	-1.635699922	0.22216026	0.321814242	
SMG9	NM_001108	221	140	267	83	84	14	8	9	7.95826656	4.81073356	8.27258231	4.0087775	6.69104026	4.71100168	4.48919291	4.77861245	-2.17710839	0.00059186	0.003	0.431828947	0.312408341	0.99994554	-1.745279593	0.22111847	0.298276125	
CD25B	NM_136336	45	44	210	29	53	10	8	5	5.68472862	3.24889108	7.92734368	2.64963404	6.03478715	4.24744171	4.48919291	3.97206371	-2.177383753	0.00142553	0.005	0.847991484	0.040348773	0.99994554	-1.329392269	0.22107063	0.39595836	
ITGB7	NM_000809	132	111	67	10	63	18	22	7	7.21866406	4.48293424	6.29178155	1.4951801	6.28049552	5.0517875	5.9071554	4.43008236	-2.180570084	0.00607888	0.004	1.628575033	2.82	0.005	0.066731826	-0.553995052	0.22058857	0.682076257
TRAPPC9	NM_0011610	67	79	244	191	90	11	17	6	6.24972543	4.02438702	8.14300943	5.15957099	6.78964479	4.37802344	5.54224009	4.21969426	-2.183220188	0.00052465	0.003	0.0109912673	0.010060919	0.99994554	-1.170792014	0.22056788	0.444177425	
METTL23	NM_001206	109	110	134	144	6	2	7	0	6.94449663	4.47676193	7.28254481	4.7651902	3.05465776	2.20123255	4.30569564	0	-2.183220188	0.00052465	0.003	0.412844392	0.367145532	0.99994554	-1.770375795	0.22018374	0.291312372	
METTL23	NM_001206	109	110	134	144	6	2	7	0	6.94449663	4.47676193	7.28254481	4.7651902	3.05465776	2.20123255	4.30569564	0	-2.183220188	0.00052465	0.003	0.412844392	0.367145532	0.99994554	-1.770375795	0.22018374	0.291312372	
METTL23	NM_001206	109	110	134	144	6	2	7	0	6.94449663	4.47676193	7.28254481	4.7651902	3.05465776	2.20123255	4.30569564	0	-2.183220188	0.00052465	0.003	0.412844392	0.367145532	0.99994554	-1.770375795	0.22018374	0.291312372	
METTL23	NM_001302	109	110	134	143	6	2	7	0	6.94449663	4.47676193	7.28254481	4.7651902	3.05465776	2.20123255	4.30569564	0	-2.183220188	0.00052465	0.003	0.412844392	0.367145532	0.99994554	-1.770375795	0.22018374	0.291312372	
TRAPPC9	NM_001346	70	79	244	201	93	12	19	6	6.31214975	4.02438702	8.14300943	5.23113034	6.83652579	5.44977606	5.69497218	4.21969426	-2.19151982	0.206	0.001	0.975529011	0.013482827	0.99994554	-1.215612971	0.21528029	0.431187421	
PTFRS	NM_000964	1240	545	4133	51	25	25	25	12	10.44173136	6.73204861	12.2040353	6.44837991	5.98015473	5.5230663	6.08869222	5.18044933	-2.19014582	0.00097365	0.005	0.515618961	0.173662016	0.99994554	-1.67448875	0.21914568	0.31329228	
PTFRS	NM_130853	445	429	970	383	53	18	26	5	8.96510255	6.30123801	10.1302881	6.14297388	6.03478715	5.06172875	5.14446021	3.97206371	-2.19147802	0.536	0.001	1.007364471	0.009846358	0.99994554	-1.18407544	0.21893277	0.440106493	
TBC1D8	NM_001330	734	308	193	245	70	18	24	4	4.96590402	5.19922323	7.80607714	5.0986487	6.43079571	5.06172875	6.03681551	3.67293734	-2.19247802	0.536	0.001	0.828418333	0.032692739	0.99994554	-1.364033969	0.21877991	0.388494487	
CD25B	NM_021872	35	44	175	29	52	8	7	4	5.33015006	3.24889108	7.66549411	2.64963404	6.00772953	3.94437895	4.30569564	3.67293734	-2.193115703	0.00107913	0.005	0.856781294	0.041046667	0.99994554	-1.33633441	0.2187865	0.390025598	
CTSH	NM_001319	42	22	135	71	37	4	9	7	5.8719498	2.3918925	7.29320527	3.9895337	5.52580452	3.0513765	4.65196263	4.43008236	-2.194438805	0.0000491	0.003	0.368221234	0.43111625	0.99994554	-1.826226376	0.21847819	0.282001282	
GOLGA2P6	NM_120649	1	0	3	499	22	29	25	15	1.08462047	1	0.18282337	0.62835860	9.72725589	5.34297065	5.9389919	5.49439869	-2.195586921	0.00107988	0.005	0.842666786	0.044590308	0.99994554	-1.352920135	0.21830439	0.381498827	
TGFBI	NM_000558	211	116	527	186	60	13	26	14	7.99173809	4.5500279	5.11871894	5.1223944	2.21187175	4.60831746	4.44446021	5.39714473	-2.190073826	0.00097365	0.004	0.317174963	0.040860102	0.99994554	-1.90404689	0.21521664	0.267192963	
TBC1D8	NM_001102	734	308	193	244	68	17	24	4	6.98590402	5.19922323	7.80607714	5.04004402	6.3894673	4.98135608	6.03681551	3.67293734	-2.216									

TSP0AP1	NM_0024418	491	144	1931	252	83	25	24	16	9.10674976	4.84994694	11.1279388	5.54967208	5.5230603	6.03068151	5.58550649	-2.3397760315	0.00042081	0.03	0.61795693	0.049285634	0.99994554	-1.62005662	0.19781719	0.325334187	
TSP0AP1	NM_0012611	491	144	2004	269	84	25	24	16	9.10674976	4.86201105	11.1279388	5.54967208	5.5230603	6.03068151	5.58550649	-2.3397760315	0.00042081	0.03	0.61795693	0.049285634	0.99994554	-1.64786575	0.19728229	0.325334187	
GPX1	NM_000581	250	92	604	53	4	5	8	2	8.13545752	4.23158589	9.44763168	5.1151641	3.97559962	3.32146658	4.48919291	2.78183448	-2.343158337	0.00144776	0.05	0.808627786	0.075230416	0.99994554	-1.53453052	0.19707841	0.345191644
GPX1	NM_0011321	250	92	604	53	4	5	8	2	8.13545752	4.23158589	9.44763168	5.1151641	3.97559962	3.32146658	4.48919291	2.78183448	-2.343158337	0.00144776	0.05	0.808627786	0.075230416	0.99994554	-1.53453052	0.19707841	0.345191644
GSN	NM_0001727	303	58	193	78	47	15	12	5	8.41196724	3.61033534	7.80607714	3.9248741	5.86426198	4.80686044	5.05282221	3.97206371	-2.34445249	0.00032133	0.02	0.596769161	0.196021596	0.99994554	-1.74767608	0.19602609	0.297763901
GSN	NM_0011274	303	58	193	78	47	15	12	5	8.41196724	3.61033534	7.80607714	3.9248741	5.86426198	4.80686044	5.05282221	3.97206371	-2.34445249	0.00032133	0.02	0.596769161	0.196021596	0.99994554	-1.74767608	0.19602609	0.297763901
BRMS1	NM_0010247	54	65	48	66	34	1	8	1	5.94308079	3.76194419	5.81792558	3.7010389	5.40657438	1.48509719	4.48919291	1.97769441	-2.346017763	0.00025728	0.02	0.84570306	0.06478916	0.99994554	-1.50031470	0.19668819	0.353476277
GSN	NM_0011274	304	58	193	78	47	15	12	5	8.41670683	3.61033534	7.80607714	3.9248741	5.06134664	4.89674484	5.16471165	4.21969426	-2.348816957	0.00023236	0.02	0.64571075	0.161301987	0.99994554	-1.70307582	0.19636939	0.307130697
RNA1-18	NR_004000	344	56	662	81	33	10	7	7	8.59455309	3.56392199	9.57973332	3.97579951	5.36453596	4.24744171	4.30569564	4.43008236	-2.349373317	0.00069224	0.04	0.338305541	0.426407879	0.99994554	-2.015928176	0.19618223	0.247255038
RNA1-4	NR_004421	344	56	662	81	33	10	7	7	8.59455309	3.56392199	9.57973332	3.97579951	5.36453596	4.24744171	4.30569564	4.43008236	-2.349373317	0.00069224	0.04	0.338305541	0.426407879	0.99994554	-2.015928176	0.19618223	0.247255038
RNA1-2	NR_004427	344	56	662	81	33	10	7	7	8.59455309	3.56392199	9.57973332	3.97579951	5.36453596	4.24744171	4.30569564	4.43008236	-2.349373317	0.00069224	0.04	0.338305541	0.426407879	0.99994554	-2.015928176	0.19618223	0.247255038
RNA1-1	NR_004430	344	56	662	81	33	10	7	7	8.59455309	3.56392199	9.57973332	3.97579951	5.36453596	4.24744171	4.30569564	4.43008236	-2.349373317	0.00069224	0.04	0.338305541	0.426407879	0.99994554	-2.015928176	0.19618223	0.247255038
TSP0AP1	NM_004758	491	146	2006	269	86	25	24	16	9.10674976	4.86916105	11.1778881	5.64186165	5.72466284	6.03068151	5.58550649	-2.350934659	0.00096666	0.03	0.619195697	0.05789076	0.99994554	-1.65894162	0.19601869	0.316674478	
CSH4	NM_004390	41	22	135	9	35	4	12	5	5.55316132	2.39318925	7.29320257	3.9855377	5.44742245	3.0513785	4.6519628	3.97206371	-2.358801526	0.00011468	0.01	0.416935565	0.37247002	0.99994554	-1.943595962	0.19404807	0.262053344
OAT	NM_0013221	49	21	153	78	39	1	12	8	5.80529393	2.39318925	7.47269227	3.9248741	5.60014662	1.48509719	5.05282221	4.61524274	-2.36358614	0.00035229	0.03	0.480090607	0.310752892	0.99994554	-1.883495707	0.19430753	0.271026122
AGQ2	NM_012154	308	146	483	289	31	6	6	3	8.43551103	4.86916105	9.15262383	5.74332041	5.27659559	5.6024562	4.09541077	3.29511971	-2.3659282	0.00055209	0.01	0.155666027	0.72342374	0.99994554	-2.201391574	0.19397567	0.216075626
LAX1	NM_0011361	17	9	363	19	46	13	13	4	4.32581074	1.45414148	8.71442375	2.1557754	5.83377337	4.60831746	5.16471165	3.67293734	-2.3721008	0.00091018	0.04	0.21680516	0.006670389	0.861287632	-1.15533064	0.1933607	0.440971883
PER1	NM_002616	295	37	341	24	59	18	8	7	8.37479266	3.02734425	8.6244475	2.42373524	6.18727201	5.06127875	4.48919291	4.43008236	-2.373903441	0.0013437	0.05	0.182566612	0.669022297	0.99994554	-2.196467806	0.19223802	0.218171143
MAPK14-AS	NR_024434	128	60	192	92	15	5	11	3	7.17457259	3.65301393	7.79861618	4.14850621	4.26843539	3.32146658	4.9309978	3.29511971	-2.379136568	0.00010327	0.01	1.015016178	0.020342906	0.977539476	-1.364120391	0.192244241	0.388471216
MAPK14-AS	NR_110324	129	60	192	92	15	5	11	3	7.17457259	3.65301393	7.79861618	4.14850621	4.26843539	3.32146658	4.9309978	3.29511971	-2.379136568	0.00010327	0.01	1.015016178	0.020342906	0.977539476	-1.366503083	0.1919071	0.387829597
OAT	NM_0010274	38	21	134	71	39	1	12	7	5.44596053	2.3390939	7.28254441	3.9855377	5.60014662	1.48509719	5.05282221	4.43008236	-2.384918171	0.00021309	0.02	0.46078518	0.329981157	0.99994554	-1.924132992	0.19145561	0.263498565
OAT	NM_0013221	38	21	134	71	39	1	12	7	5.44596053	2.3390939	7.28254441	3.9855377	5.60014662	1.48509719	5.05282221	4.43008236	-2.384918171	0.00021309	0.02	0.46078518	0.329981157	0.99994554	-1.924132992	0.19145561	0.263498565
MAPK14-AS	NR_110326	128	60	194	92	15	5	11	3	7.17457259	3.65301393	7.82823128	4.14850621	4.26843539	3.32146658	4.9309978	3.29511971	-2.387338372	0.00010044	0.01	1.015016178	0.020342906	0.977539476	-1.370323194	0.19149551	0.386804854
POLE	NM_006231	106	59	382	54	145	31	22	10	6.90456423	3.62939282	8.787856	3.43590774	7.47274596	5.82731525	5.9071554	4.92534978	-2.387603097	0.00024275	0.02	0.872170647	0.018812297	0.977539476	-1.514859875	0.19112129	0.349995978
KCNIP2	NM_014591	92	26	4	2	53	7	20	9	6.70230702	2.59131507	2.48996717	0.44763069	6.03478715	3.76505966	6.03068151	4.7861245	-2.393786177	0.00019699	0.02	0.621236835	0.189305912	0.99994554	-1.776149343	0.18980815	0.291961624
KCNIP2	NM_173191	92	26	4	2	53	7	20	9	6.70230702	2.59131507	2.48996717	0.44763069	6.03478715	3.76505966	6.03068151	4.7861245	-2.393786177	0.00019699	0.02	0.621236835	0.189305912	0.99994554	-1.776149343	0.18980815	0.291961624
KCNIP2	NM_173192	92	26	4	2	53	7	20	9	6.70230702	2.59131507	2.48996717	0.44763069	6.03478715	3.76505966	6.03068151	4.7861245	-2.393786177	0.00019699	0.02	0.621236835	0.189305912	0.99994554	-1.776149343	0.18980815	0.291961624
MAPK14	NM_003954	332	214	536	241	47	11	9	1	8.54346266	5.4050318	9.27557823	4.86664168	5.86426198	4.37802348	4.65196263	1.97769441	-2.400049537	0.00058	0.05	0.178578986	0.084781908	0.99994554	-1.68182694	0.18941127	0.311687684
H2AF6	NM_002105	100	49	735	72	7	2	5	3	6.82122229	3.38899975	9.73045909	3.81729093	3.25202983	2.20123255	3.8491801	3.29511971	-2.405706864	0.00081127	0.04	0.206883681	0.658226378	0.99994554	-2.614390745	0.18871569	0.163301422
GSN	NM_0012583	303	58	193	78	47	15	13	5	8.41196724	3.61033534	7.80607714	3.9248741	5.86426198	4.80686044	5.16471165	3.97206371	-2.408013707	0.00019069	0.02	0.632877639	0.169852371	0.99994554	-1.775136068	0.18814507	0.292166755
GSN	NM_0011258	303	58	193	78	47	15	13	5	8.41196724	3.61033534	7.80607714	3.9248741	5.86426198	4.80686044	5.16471165	3.97206371	-2.408013707	0.00019069	0.02	0.632877639	0.169852371	0.99994554	-1.775136068	0.18814507	0.292166755
SGK1	NM_0014343	1364	55	3093	203	47	33	44	18	18.10791227	5.4011309	11.8023545	5.2450988	5.86426198	5.91597233	4.89508479	5.75208932	-2.409278536	0.0014481	0.05	0.384575692	0.406686126	0.99994554	-1.776149343	0.18980815	0.291961624
OAT	NM_0013221	49	22	164	78	40	1	13	8	5.80529393	2.39318925	7.57231155	3.9248741	5.63592877	1.48509719	5.16471165	4.61524274	-2.410187186	0.000241	0.02	0.498468206	0.293557078	0.99994554	-1.911778981	0.18813143	0.265775683
GPR68	NM_0011771	14	2	378	164	34	4	13	8	4.06103694	0.47160592	8.7720413	4.9463378	5.40657438	3.05173625	5.16471165	4.61524274	-2.41033437	0.0002036							

RTE1I	NM_018837	717	147	2276	171	49	19	15	6	9.6521748	4.8769239	1.3599932	5.00471652	5.92337176	5.13700529	5.36578988	4.21969426	-2.52188594	0.00032063	0.02	0.706892749	0.07814487	0.09994554	-1.814993191	0.1741152	0.284205585
KMPC2	NM_173194	92	24	52	7	24	7	24	7	6.7030792	2.4552329	2.4889617	0.41763061	0.00772953	3.76505966	6.0368151	4.50828236	-2.53266824	6.30E-01	0.04	0.62121599	0.89376049	0.99994554	-1.35949398	0.1736153	0.277456745
MUC4	NM_001322	48	4	220	9	1280	176	116	125	5.7760937	8.0244011	7.9941884	1.3989409	10.6075452	8.31164413	8.2860905	8.5248509	-2.35952479	0.00051811	0.03	1.04021263	0.005451393	0.861287632	-1.495739849	0.17242579	0.354598946
TC7A	NM_001288	326	63	337	69	89	17	12	6.5172254	5.5222408	6.6074675	3.7603231	6.77367164	4.98135608	5.5224009	5.18044933	-2.37861928	0.00113116	0.01	0.70149656	0.107058832	0.99994554	-1.83635607	0.12719774	0.220626434	
NA	NM_001346	467	103	286	179	97	12	24	12.903458376	6.8262952	8.7139374	5.0686700	6.89676317	4.9776076	6.0368151	5.18044933	-2.54001477	1.26E-05	0.00	0.449041977	0.313420493	0.99994554	-2.09597637	0.17134568	0.23390717	
MUC4	NM_018406	48	4	225	9	1339	182	122	129	5.7760937	4.8624411	4.02648419	1.3989409	10.6075452	8.31164413	8.2860905	8.5248509	-2.35952479	0.00051811	0.03	1.04021263	0.005451393	0.861287632	-1.495739849	0.17242579	0.354598946
SULF2	NM_001161	717	147	2276	171	52	19	15	6	9.6521748	4.8769239	1.3599932	5.00471652	5.92337176	5.13700529	5.36578988	4.21969426	-2.52188594	0.00032063	0.02	0.706892749	0.07814487	0.09994554	-1.814993191	0.1741152	0.284205585
LNCD012	NR_038292	185	50	9	1	53	12	19	6	9.6521748	4.8769239	1.3599932	5.00471652	5.92337176	5.13700529	5.36578988	4.21969426	-2.52188594	0.00032063	0.02	0.706892749	0.07814487	0.09994554	-1.814993191	0.1741152	0.284205585
TC7A	NM_001288	326	56	347	50	82	16	14	11	8.5172254	5.5222409	6.6054828	3.8355628	6.65661536	4.8974484	5.26875114	5.0583061	-2.56796561	0.0017682	0.02	0.76973483	0.07954649	0.99994554	-1.78734497	0.1699151	0.289704706
CXCR1	NM_001171	57	3	28	1	70	14	20	9	6.0198486	0.6599046	0.584707	0.2411077	6.43079571	4.71100168	6.1446021	5.0583061	-2.5580781	0.0008394	0.04	0.957771344	0.042761007	0.99994554	-1.610716466	0.16688081	0.27345701
NA	NM_001346	469	103	286	179	99	14	26	11	9.4007374	4.3862952	8.7139374	5.0686700	6.92596234	4.71100168	6.1446021	5.0583061	-2.572184953	7.76E-06	0.00	0.43832866	0.325356655	0.99994554	-2.133852087	0.16814934	0.227848679
PPP1R35	NM_145030	48	12	142	16	6	3	4	1	5.7760937	1.73114537	3.36558059	1.96731229	3.05465776	2.67763924	3.5204197	1.97769441	-2.57555182	0.00067176	0.03	0.373981194	0.428462448	0.99994554	-2.201570697	0.16775738	0.217400822
NA	NM_001346	469	103	286	179	94	13	26	11	9.4007374	4.3862952	8.7139374	5.0686700	6.85182553	4.60831746	4.1846021	5.0583061	-2.576012687	7.48E-06	0.00	0.44537063	0.32019937	0.99994554	-2.13465624	0.1677038	0.22771281
UBE2E	NM_010451	26	19	269	26	2	0	1	1	4.91366757	2.22440934	8.28326005	2.51837994	1.78085611	0.14000514	1.97769441	-2.56977615	0.00089561	0.04	0.295677165	0.525440001	0.99994554	-2.28220550	0.16748687	0.20583658	
LAPTM5	NM_006762	425	129	566	187	43	14	25	6	8.8989859	4.69705447	9.35420389	5.12990485	5.73823986	4.71100168	6.08869222	4.21969426	-2.5780056	1.43E-05	0.00	0.41341666	0.364436075	0.99994554	-2.16458909	0.16747228	0.223045648
LOC64572	NR_027024	0	1	5	0	127	5	10	4	0.25498831	2.75959573	0	0.28267222	3.32146658	4.79821583	3.67293734	-2.579161528	0.00101939	0.05	0.931039902	0.049071202	0.99994554	-1.648121626	0.16733817	0.319055293	
HSPA2	NM_021979	1118	44	2374	246	18	13	13	3	10.2924067	3.24891108	11.4207899	5.5161272	4.51895799	4.60831746	5.1671165	3.29511971	-2.58233465	0.00060532	0.03	0.30001749	0.52279244	0.99994554	-2.28231492	0.16697052	0.20556764
SULF2	NM_139856	717	147	2276	171	52	18	15	6	9.6521748	4.8769239	1.3599932	5.00471652	5.92337176	5.13700529	5.36578988	4.21969426	-2.52188594	0.00032063	0.02	0.706892749	0.07814487	0.09994554	-1.814993191	0.1741152	0.284205585
MYO18A	NM_203318	469	103	286	179	98	13	26	11	9.4007374	4.3862952	8.7139374	5.0686700	6.92596234	4.71100168	6.1446021	5.0583061	-2.594531357	1.16E-06	0.00	0.442373089	0.321079454	0.99994554	-2.152158268	0.16556489	0.22294978
DLG4	NM_001321	16	7	237	9	65	12	29	4	4.24283721	1.23467452	8.10116607	1.3989409	6.32516631	4.9776076	6.2989019	4.77861245	-2.59056171	0.00024652	0.02	-0.16131454	0.717690823	0.99994554	-2.75637169	0.16550403	0.147995358
DLG4	NM_001365	16	7	237	9	65	12	29	9	4.24283721	1.23467452	8.10116607	1.3989409	6.32516631	4.9776076	6.2989019	4.77861245	-2.59056171	0.00024652	0.02	-0.16131454	0.717690823	0.99994554	-2.75637169	0.16550403	0.147995358
DLG4	NR_135527	16	7	237	9	65	12	29	9	4.24283721	1.23467452	8.10116607	1.3989409	6.32516631	4.9776076	6.2989019	4.77861245	-2.59056171	0.00024652	0.02	-0.16131454	0.717690823	0.99994554	-2.75637169	0.16550403	0.147995358
APOR8	NM_018690	30	11	306	121	137	10	12	11	5.11372236	1.64458886	8.48625488	4.52471779	7.39134314	5.05258221	5.0583061	-2.542997271	3.31E-05	0.01	-0.14756053	0.755117496	0.99994554	-2.742997923	0.16546096	0.149374116	
GA57	NM_003644	42	3	483	67	104	25	23	11	5.87719498	0.6599046	9.1262383	3.72107246	6.9964791	5.52337176	5.97024012	5.0583061	-2.60364304	0.00021315	0.02	0.375154817	0.428312628	0.99994554	-2.228749796	0.16452345	0.213834343
MSRA	NM_013231	100	11	96	14	4	6	3	6	8.2122229	1.64458886	8.8058014	1.5839175	1.17425488	3.0517365	4.02541077	3.29511971	-2.607136829	0.00048716	0.02	0.427032162	0.601215471	0.99994554	-2.36017045	0.16412456	0.194771
MYO18A	NM_078471	469	103	286	179	101	13	26	11	9.4007374	4.3862952	8.7139374	5.0686700	6.94584224	4.60831746	4.1446021	5.0583061	-2.60797401	0.36E-06	0.00	0.442373089	0.321079454	0.99994554	-2.16562412	0.1640267	0.22285657
EGR1	NM_001964	1361	122	3226	508	44	14	26	12	10.5759482	5.3918065	11.863074	6.5452578	5.77079235	4.71100168	6.1446021	5.18044933	-2.60801259	8.90E-05	0.01	0.140014854	0.754827783	0.99994554	-2.46800531	0.16402411	0.180740868
ZM21	NM_020338	297	65	329	61	125	16	29	20	8.38319794	3.76194149	8.57289668	3.5964414	4.25992006	4.8967484	6.2989019	5.9014308	-2.608574411	5.50E-05	0.01	0.714339885	0.118215618	0.99994554	-1.894235247	0.16369111	0.269016296
CMP	NM_030629	338	8	168	6	116	10	9	9	8.56923402	1.34857722	7.60689488	1.06446628	6.34691996	4.24744171	4.65196263	4.77861245	-2.613686179	0.00088686	0.04	0.89826058	0.057620242	0.99994554	-1.7154256	0.1638119	0.30452172
CMP	NM_198390	338	8	159	6	116	10	9	9	8.57348484	1.34857722	7.79111643	1.06446628	6.34691996	4.24744171	4.65196263	4.77861245	-2.614226341	0.00091459	0.04	0.883038073	0.078399932	0.99994554	-1.783840268	0.16332003	0.293409335
GAS7	NM_001432	42	3	483	67	104	25	23	11	5.87719498	0.6599046	9.1262383	3.72107246	7.10258295	5.5783664	4.1446021	5.29286202	-2.617816891	0.00021315	0.02	0.375154817	0.428312628	0.99994554	-2.228749796	0.16452345	0.213834343
FCER1G	NM_004106	148	51	8	27	1	4	2	7	3.826758	3.44090299	3.35548195	1.2953744	5.08279015	1.48509719	3.5204197	2.78183448	-2.622076544	0.00011183	0.01	1.394648291	0.00186034	0.653565373	-1.227442854	0.1624312	0.472078077
DLG4	NM_001321	16	7	236	9	65	12	29	8	4.24283721	1.23467452	8.09508813	1.3989409	6.18727021	4.24744171	6.08869222	4.61524274	-2.623254507	0.00021857	0.02	-0.269996307	0.562404471	0.99994554	-2.893252015	0.16230122	0.134599923
DLG4	NM_001321	16	7	236	9	65	12	29	8	4.24283721	1.23467452	8.09508813	1.3989409	6.18727021	4.24744171	6.08869222	4.61524274	-2.623254507	0.00021857	0.02	-0.269996307	0.562404471	0.99994554	-2.893252015	0.16230122	0.134599923
CNPY3	NM_001318	268	20	7																						

