

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]	CTR	ODN+CS504	
BET1	NR_133908		1	672	13	1003	12	65	5	35	10842047	702428791	4.0006642	7.51202046	3.96511962	6.88213459	3.84915801	6.69838657	0.00000000	0.00000000	0.00000000	-1.73168652	4.22E-06	0.042575482	1.568665314	9.8151421	2.962697945	
BET1	NR_133909		1	608	12	918	12	63	5	30	108462047	6.88925755	3.89267808	3.70126575	3.96511962	6.83743492	3.84915801	6.4783076	0.00000000	0.00000000	0.00000000	-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	6.95814808	10.9528109	7.40927284	10.5247908	0.00000000	0.00000000	0.00000000	-0.451410007	0.33455481	0.99994554	2.636077103	8.57124244	2.61369037
CXCL11	NM_050409		65	17843	692	17614	154	1101	63	501	6.2065877	11.7525969	6.6435924	11.6460974	11.6460974	6.95814808	10.9528109	7.40927284	10.5247908	0.00000000	0.00000000	0.00000000	-0.451410007	0.33455481	0.99994554	2.636077103	8.57124244	2.61369037
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	3.60954966	9.28E-09	0.00000000	0.00000000	-0.953966052	0.043538774	0.99994554	2.167702710	8.50014229	6.2169307	
IFNA2	NM_000605		47	14688	539	23335	115	582	41	207	5.74627036	11.4719664	9.28361754	10.051969	7.1404441	10.0337364	6.79409182	9.25100112	3.095994502	5.50E-08	0.00000000	0.00000000	-1.020206736	0.039922956	0.99994554	1.985187766	8.05226416	3.970134177
IFNA1	NM_024013		107	27845	1074	44736	248	1219	87	461	6.93789821	12.3845468	10.712008	12.996261	11.0956261	10.2372823	10.4048193	2.98993496	2.95E-08	0.00000000	0.00000000	-0.897464614	0.05545779	0.99994554	2.091518034	7.93912951	4.51962899	
IFNA15HG	NR_001458		31	6960	302	8558	66	699	43	142	5.15968336	10.3905515	8.44666312	10.651965	10.651965	6.34691966	6.34691966	2.977793	8.87034473	0.00000000	0.00000000	0.00000000	-0.931658079	0.039351465	0.99994554	2.039351465	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	0.00000000	0.00000000	-1.280891068	0.004715478	0.836093744	1.634267025	7.54320833	3.104297932
DNAH4	NM_001317		8	1952	78	2632	19	140	12	35	3.1709273	8.5663639	6.50849533	8.00616264	4.59346388	7.9824828	5.05282221	6.69838657	2.95148929	1.07E-06	0.00000000	0.00000000	-1.216720609	0.004911611	0.836093744	1.59812772	7.03405038	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	0.00000000	0.00000000	-0.857781814	0.052708099	0.99994554	1.95648709	7.0362736	3.881157796
IFNA17	NM_021268		91	21037	835	31339	186	738	69	336	6.68642197	11.9901420	9.91428763	12.4771368	7.8302047	10.3767041	7.53977918	9.94892224	2.18326101	1.30E-07	0.00000000	0.00000000	-0.827849625	0.078267667	0.99994554	1.985780556	7.03051406	3.906788982
IFNA15	NM_0021178		121	32189	1241	43882	288	1209	94	449	7.04901344	12.6032021	10.4854534	12.962736	4.55872351	11.0877457	7.9837801	10.366809	2.812338755	3.38E-07	0.00000000	0.00000000	-0.884973112	0.060266258	0.99994554	1.927945462	7.02412527	3.805129258
CXCL9	NM_002416		12	4168	147	2136	69	420	48	412	3.8527861	6.6503699	7.4153085	8.0651651	6.0102794	9.5633737	7.91960522	10.2428361	2.91014693	3.56E-06	0.00000000	0.00000000	-0.995521215	0.019605020	0.977539476	1.806394918	6.97365355	3.49766290
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	2.9292599	1.58E-07	0.00000000	0.00000000	-0.876492082	0.063965072	0.99994554	1.915650448	6.92617931	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	0.00000000	0.00000000	-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	9.65189721	12.413911	7.6494762	10.1456474	7.04912562	9.13514133	2.78673489	1.77E-06	0.00000000	0.00000000	-0.755401265	0.104347084	0.99994554	2.03133324	6.9006113	4.087824683
MIR22HG	NR_028503		8	560	16	834	8	52	4	16	3.1709273	7.7165584	4.2832293	7.5429445	3.4256207	6.5632609	3.5204197	5.5850549	2.727886424	3.60E-07	0.00000000	0.00000000	-1.616379242	9.69E-05	0.145122775	1.1566207182	6.83331874	2.22870737
MIR22HG	NR_028504		8	560	16	834	8	52	4	16	3.1709273	7.7165584	4.2832293	7.5429445	3.4256207	6.5632609	3.5204197	5.5850549	2.727886424	3.60E-07	0.00000000	0.00000000	-1.616379242	9.69E-05	0.145122775	1.1566207182	6.83331874	2.22870737
MIR22HG	NR_028505		7	418	13	620	7	50	3	15	3.14497997	6.53421054	4.0006642	6.83007262	3.25202983	5.0278847	3.17743252	5.49439869	2.758910593	8.21E-07	0.00000000	0.00000000	-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	6.53421054	4.0006642	6.83007262	3.25202983	5.0278847	3.17743252	5.49439869	2.758910593	8.21E-07	0.00000000	0.00000000	-1.516668933	0.000247483	0.247002678	1.242222467	6.7875921	2.365626749
IFNB1	NM_0021676		58	16045	579	22535	135	471	39	180	6.04455618	11.5941093	9.83765359	12.0014439	7.37025396	9.72878685	6.72260856	9.04972239	2.758910593	1.08E-06	0.00000000	0.00000000	-1.144414467	0.011858407	0.969586977	2.04691276	7.37022077	3.004130625
DNAH4	NM_001317		8	1952	78	2636	24	141	12	35	3.1709273	8.5663639	6.50849533	8.00616264	4.5917659	7.99271068	5.05282221	6.73864262	2.716116046	1.89E-06	0.00000000	0.00000000	-1.218509424	0.004105239	0.836093744	1.527607251	6.7900872	2.8803772
CXCL10	NM_001565		53	19162	595	9808	150	748	59	412	5.91655611	11.8554458	9.46200405	10.8017639	7.52138481	10.3954501	7.31521125	10.2428361	2.74616406	4.55E-06	0.00000000	0.00000000	-0.280340301	0.045384032	0.99994554	2.43830310	6.58276583	5.42013995
GCH1	NM_001024		22	2211	94	4177	45	172	11	54	4.68133596	8.7496264	6.77488223	9.57136118	5.80262651	8.27842087	4.93099798	7.3190849	2.693715735	1.21E-07	0.00000000	0.00000000	-0.470486666	0.317115258	0.99994554	2.223229266	6.425975487	4.669373744
GCH1	NM_001024		22	2211	94	4177	45	172	11	54	4.68133596	8.7496264	6.77488223	9.57136118	5.80262651	8.27842087	4.93099798	7.3190849	2.693715735	1.21E-07	0.00000000	0.00000000	-0.470486666	0.317115258	0.99994554	2.223229266	6.425975487	4.669373744
MIR22HG	NR_028502		8	570	18	939	10	52	5	16	3.1709273	7.7095927	4.4489446	7.4246154	3.72044292	6.5632609	3.84915801	5.5850549	2.693715735	1.18E-06	0.00000000	0.00000000	-1.59894662	6.87E-05	0.103773462	1.039277669	6.22694794	2.055198395
GCH1	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	2.63942599	3.69E-07	0.00000000	0.00000000	-0.474569997	0.312698161	0.99994554	2.149375295	6.1643351	4.436516467
SAMD9L	NM_001303		216	28020	1105	26785	262	1538	211	876	7.92538577	12.405347	10.3181205	12.250646	8.32262838	11.4348451	9.14726713	11.3304918	2.61918949	1.79E-07	0.00000000	0.00000000	-0.569019974	0.146966204	0.99994554	2.05956169	6.14404792	4.143562627
NFYS3A	NM_0010024		20	6269	206	3306	59	374	27	109	4.5494443	10.2443176	7.89997137	9.23448028	6.18727021	9.39652078	6.19815245	8.32827577	2.6405066	1.57E-05	0.00000000	0.00000000	-0.27510688	0.559965121	0.99994554	2.32939972	6.08183468	5.02596185
IFH1	NM_022168		207	18331	649	16900	151	942	91	335	7.86424324	11																

IF27	NM_001288f	0	3793	108	2385	33	80	6	27	6.09757563	5.2019786	6.9757219	8.76128669	5.36453596	4.89541077	6.32810129	2.275259345	0.0003942	0.03	-0.593003044	0.197435306	0.99994554	1.682263001	8.48048649	3.202924761	
ENP2	NM_045555	3	1780	65	2357	49	168	23	18	5.24743301	6.4305597	6.2482666	8.3504403	6.74456616	5.97302412	4.74930761	2.69882316	0.0000000	0.03	-0.58224836	0.17013528	0.99994554	1.6504846	8.2824123	3.264267242	
IF17	NM_001130	12	3807	108	2386	34	80	6	27	3.85297861	9.52550584	6.9757219	8.7649108	5.40657438	4.71939983	4.09541077	6.32810129	2.26557632	0.00365054	0.03	-0.59258401	0.19780496	0.99994554	1.66399231	4.77856142	3.168922375
IF27	NM_001288f	12	3807	108	2386	34	80	6	27	3.85297861	9.52550584	6.9757219	8.7649108	5.40657438	4.71939983	4.09541077	6.32810129	2.26557632	0.00365054	0.03	-0.59258401	0.19780496	0.99994554	1.66399231	4.77856142	3.168922375
IF27	NM_001288f	12	3804	108	2386	34	80	6	27	3.85297861	9.52437006	6.9757219	8.7649108	5.40657438	4.71939983	4.09541077	6.32810129	2.26552596	0.0036477	0.03	-0.59268277	0.19771784	0.99994554	1.66385256	4.7784254	3.168615328
IF17	NM_000532	12	3804	108	2386	34	80	6	27	3.85297861	9.52437006	6.9757219	8.7649108	5.40657438	4.71939983	4.09541077	6.32810129	2.26552596	0.0036477	0.03	-0.59268277	0.19771784	0.99994554	1.66385256	4.7784254	3.168615328
TSPAN13	NM_014399	67	4510	230	4754	264	463	81	8.24977543	9.801327	8.0580277	9.801327	9.8373737	8.8894484	6.6849073	6.0014273	2.22535336	0.0000000	0.00	-0.55143659	0.18335984	0.99994554	1.67951638	4.7278943	3.20370517	
TALL	NM_001290f	4	1064	60	3190	41	97	16	21	2.4550365	7.6913817	1.1347292	9.1830377	5.0788488	7.44563915	5.45671092	5.9706256	2.23258526	0.00039536	0.03	-0.32718054	0.44120589	0.99994554	1.90877813	4.7084701	3.753087528
GBP4	NM_052941	11	3046	122	3636	59	219	35	90	3.73649582	9.20425619	1.74810411	9.37152836	6.8669608	6.62592763	6.56804972	8.05224423	2.23136589	0.0017555	0.02	-0.741495605	0.083786539	0.99994554	1.489804804	4.6958812	2.808580169
TALL	NM_001290f	6	1233	66	3808	51	103	18	28	2.94951718	7.90310484	2.67036546	9.4381126	5.98015473	7.541748	5.62298125	6.37992726	2.22478617	0.0028535	0.02	-0.350114832	0.410317946	0.99994554	1.874671939	4.6741807	3.66718218
IF27	NM_001288f	12	3807	108	2386	34	80	6	27	3.85297861	9.52550584	6.9757219	8.7649108	5.48714574	4.71939983	4.09541077	6.32810129	2.221730935	0.000479304	0.03	-0.592505361	0.197866389	0.99994554	1.622925574	4.66425746	3.093468995
IF17	NM_001288f	12	3804	108	2386	34	80	6	27	3.85297861	9.52437006	6.9757219	8.7649108	5.48714574	4.71939983	4.09541077	6.32810129	2.221690509	0.000479304	0.03	-0.592640055	0.197779443	0.99994554	1.629808454	4.66439675	3.093170704
RAB29	NM_001135f	10	3193	110	2319	37	97	16	27	3.85297861	9.52232338	6.9757219	8.76309989	5.48714574	4.71939983	4.09541077	6.32810129	2.221124779	0.00048048	0.03	-0.592510733	0.197844601	0.99994554	1.628614046	4.66256804	3.092518016
IF14f	NM_006820	251	17828	728	19709	205	907	162	338	8.14077563	9.2712402	6.9988567	8.72391539	5.52858042	7.44563915	5.45671092	7.15029877	2.124264005	0.00207993	0.02	-0.625921775	0.127126936	0.99994554	1.58834763	6.64045059	3.007047444
IF17	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	0.00221319	0.02	-0.441714239	0.349424922	0.99994554	1.743812306	5.4892783	3.349190194
IF17	NM_001288f	242	5786	2241	61534	481	1442	232	378	8.08872376	13.446654	11.3376438	13.4504373	9.19704531	11.3418955	9.28377819	11.1018685	2.185344805	0.00221319	0.02	-0.441494403	0.349675211	0.99994554	1.743804002	5.4835482	3.349278633
NRS2A	NM_001276f	6	1363	55	2918	57	132	27	34	2.94951718	8.04714264	0.0110642	9.05469187	6.13821167	7.89793958	6.19815245	6.65697492	2.183322287	0.00041448	0.03	-1.115940253	0.015752943	0.977539476	1.067412035	5.4202739	2.095670694
NRS2A	NM_003822	6	1363	55	2918	57	132	27	34	2.94951718	8.04714264	0.0110642	9.05469187	6.13821167	7.89793958	6.19815245	6.65697492	2.183322287	0.00041448	0.03	-1.115940253	0.015752943	0.977539476	1.067412035	5.4202739	2.095670694
NRS2A	NM_025860	6	1363	55	2918	57	132	27	34	2.94951718	8.04714264	0.0110642	9.05469187	6.13821167	7.89793958	6.19815245	6.65697492	2.183322287	0.00041448	0.03	-1.115940253	0.015752943	0.977539476	1.067412035	5.4202739	2.095670694
NRS2A	NM_001547	963	71151	3155	97105	728	1707	295	869	10.0772794	13.74829664	11.8309797	14.1085518	9.79411265	11.5852011	9.62987395	11.3189216	2.180124623	2.388	0.06	-0.295931408	0.261710005	0.99994554	1.589898184	6.10028224	3.177168149
CC12	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	2.197924028	0.00041529	0.03	-0.589770919	0.190689911	0.99994554	1.58949629	4.52914965	3.009362858
IF17	NM_001288f	241	57867	2239	61439	482	1445	237	378	8.08277185	13.4496903	11.3363562	13.44822084	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
IF17	NM_001549	241	57777	2235	61353	482	1444	236	378	8.08277185	13.4474449	11.337775	13.4461877	9.20003646	11.3438943	9.3084011	11.1013884	2.176640959	0.00025127	0.02	-0.442675696	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	0.0490312	7.70548766	4.51895709	6.8382028	4.9309978	5.88550469	2.167511627	0.00072124	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	2.164005549	0.0000000	0.02	-0.406564691	0.346100017	0.99994554	1.747758281	4.45032921	3.57424511
CC15	NM_002985	10	1732	86	3446	34	73	16	21	3.6977563	8.3617783	6.0913355	9.29421895	5.40657438	4.88213459	4.9309978	6.2185058	2.150511663	0.00072026	0.02	-1.106367941	0.011828753	0.99994554	1.044314722	4.36985224	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	3.52024197	4.21966246	2.145083056	0.00116363	0.05	-0.594638249	0.192734083	0.99994554	1.550444808	4.42317725	2.92907437
CC12	NR_101291f	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	8.97807294	5.40657438	4.82359152	5.4224009	6.7778082	2.140161086	0.396	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	1.5823983	9.19203848	5.92337176	7.47035229	6.52298125	6.09989528	2.138645202	0.00073114	0.04	-0.333893153	0.470324676	0.99994554	1.804646205	4.40348332	3.28373144
PTG52	NM_000963	197	4833	476	15391	68	330	37	105	7.79312236	9.8035463	9.10460019	11.4515268	6.8940473	9.2162392	6.64739793	8.27400581	2.137314228	0.326	0.07	-1.947378905	0.1496	0.06	0.042575482	4.39942758	1.460745002
IF16	NM_022873	53	6035	313	7575	91	355	59	93	9.51655611	10.1894282	8.5011654	10.429289	6.80544302	9.32141609	7.31521125	8.09957253	2.1362083	0.18	0.05	-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	0.18	0.05	-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.										

Table with columns for ID, Name, X, Y, Z, and multiple columns of numerical data. The table contains a large number of rows, each representing a specific data entry with various identifiers and values.

SLAMF7	NM_001282:	1092	40871	3068	61517	437	1099	230	412	10.2584868	12.9480806	11.7906494	13.4500377	9.05888916	10.9501891	9.27130373	10.2428361	1.174242041	8.03E-05	0.01	-0.71844691	0.049763023	0.9994554	0.994095132	3.27737792	1.991830844	2.45497502
TRIM22	NM_006074	378	8145	398	10266	123	399	82	147	8.7019503	10.621723	8.82505374	10.869674	7.2368033	9.48973712	7.7875705	8.75815264	1.172051683	4.40E-05	0.01	-0.41650946	0.20918503	0.9994554	1.29511313	2.7771022	1.24597807	2.45378093
SLAMF7	NM_001282:	1268	47050	3346	69951	521	1268	269	478	10.4739052	11.511738	11.9157545	13.6353826	9.32110306	11.1564553	9.49694116	10.4570379	1.171083591	7.89E-05	0.02	-0.71495672	0.051840522	0.9994554	0.99587938	3.2750393	1.994296392	1.986294098
PHF11	NR_135322	66	2080	107	2450	22	64	23	44	6.22831759	8.6550191	9.66025895	8.80301187	4.79697694	6.8595787	5.97024012	7.02569086	1.671879455	0.00022327	0.02	-0.035574387	0.899733017	0.9994554	1.671879455	2.6583934	3.186294098	1.28646369
SLAMF7	NM_001281:	1302	47635	3383	71104	531	1297	277	486	10.5120534	13.1689911	11.9316162	13.6589668	9.3394888	11.1890649	9.5391329	10.4809667	1.705582244	8.19E-05	0.01	-0.713927833	0.052116694	0.9994554	0.99165411	3.2610660	1.98646369	2.986184665
PARP1A	NM_001754	2398	38722	2169	52499	425	1492	285	681	11.392704	11.6701667	11.2905497	13.2213656	10.0187951	11.3910532	9.5801848	10.9673761	1.698982324	2.02E-05	0.01	-0.522475964	0.104344657	0.9994554	0.991570636	3.24896978	1.28646369	2.986184665
WDFY1	NM_020380	63	2744	101	2822	50	74	26	51	6.16211942	9.0538988	6.87769155	9.0065226	5.95204259	7.06771888	6.14446201	7.23714608	1.68895355	0.00041564	0.03	-0.63884851	0.133135568	0.9994554	1.06059059	3.24654533	2.080517507	2.45378093
CREM	NM_001267:	117	2721	95	3765	37	99	19	30	7.04887591	9.0417693	6.79011031	9.4217514	5.52830524	7.14337846	6.49944218	6.47830276	1.699114065	0.00020281	0.02	-0.66928902	0.09049887	0.9994554	1.02650516	3.23393718	1.986294098	1.28646369
FAM126A	NC_023581	62	1720	77	1944	57	151	42	76	6.13936071	8.3816311	6.49008453	8.47000283	6.13821167	8.0911889	6.82854768	7.80951726	1.68692321	0.0001373	0.01	-0.742831709	0.083788919	0.9994554	0.943791987	3.2109364	1.92357754	2.45378093
LAF3	NM_015907	259	5089	168	4163	61	161	25	57	8.18632093	9.9437042	7.60686948	9.56652398	6.23471524	8.1833742	6.08869222	7.39662183	1.683137097	7.22E-05	0.01	-0.488716408	0.15495488	0.9994554	1.194240671	3.2125466	2.288529154	1.986294098
CREM	NR_051972	115	2547	89	3276	32	72	18	26	7.0335863	8.9466183	6.6986667	9.34755941	5.32123573	7.02502211	5.62298125	6.27434999	1.669516125	0.00046533	0.03	-0.707163045	0.072243338	0.9994554	0.96235308	3.18107883	1.948465344	2.45378093
CREM	NM_183060	119	2728	100	3861	39	82	19	30	7.07014544	9.0454687	6.86345804	9.45802379	5.60014662	7.21478096	6.59944218	6.47830276	1.679610422	0.00034466	0.02	-0.668102556	0.08437583	0.9994554	0.115107865	3.20341436	2.016017085	2.45378093
UFM1	NM_001286:	105	1535	80	2791	37	159	34	52	6.8010397	8.2179844	6.544625	8.99661756	5.5280452	8.16540092	6.52667669	7.26499455	1.669834799	0.00053948	0.03	-1.218702526	2.59E-05	0.086731826	0.405132273	3.18178157	1.967112789	2.45378093
CREM	NR_051973	115	2547	89	3276	32	72	18	26	7.0335863	8.9466183	6.6986667	9.34755941	5.32123573	7.02502211	5.62298125	6.27434999	1.669516125	0.00046533	0.03	-0.707163045	0.072243338	0.9994554	0.96235308	3.18107883	1.948465344	2.45378093
FEM1C	NM_020177	64	1353	47	749	26	96	26	77	6.18452468	8.0365923	5.78099596	7.1005846	5.02997874	7.44077442	6.14446201	7.82829277	1.667672801	0.00024314	0.03	-0.382026373	0.275771483	0.9994554	1.285646429	3.17701698	2.437912659	1.986294098
CMND2	NM_001759	113	3757	173	3038	115	315	40	66	6.99607569	8.05645843	6.74889338	9.11272666	7.1404441	9.14923522	6.75879288	7.60695793	1.66666705	0.0007161	0.03	-0.097733735	0.1815750051	0.9994554	1.569123354	3.17522923	2.92743564	2.45378093
NEM	NM_182724	116	2527	88	3592	40	80	18	20	7.0335863	8.9352614	6.68072291	9.33939019	5.63929877	7.17939983	6.52298125	6.42995586	1.66500968	0.00045739	0.03	-0.74607933	0.056378239	0.9994554	0.918987138	3.17124572	1.8907803	2.45378093
PDE7A	NM_001242:	403	12506	594	15298	186	455	130	203	8.82337787	9.4235805	11.4427876	8.83020427	6.97896792	8.44997995	9.22289674	10.2289674	1.66500968	0.00013916	0.02	-0.31334908	0.42372183	0.9994554	1.347559792	3.16215015	2.544807965	2.45378093
CREM	NR_051975	121	3410	120	4558	47	96	26	33	7.09401344	9.36685089	7.12442688	9.69713645	5.86426198	7.44077442	6.14446201	6.61433996	1.656988199	0.00060127	0.03	-0.632489246	0.110419998	0.9994554	1.024478935	3.15333118	2.034224541	2.45378093
SLAMF7	NM_001282:	1146	39534	3074	60683	458	1133	253	429	10.3280655	12.9001032	11.7936473	13.4303477	9.12647944	10.9941227	9.40589593	10.3011222	1.65617673	0.0001214	0.01	-0.713632821	0.04780552	0.9994554	0.90454909	3.15180162	1.9231417	2.45378093
PDE7A	NM_002603	403	12676	605	15701	188	466	137	207	8.82337787	11.2595068	9.14042668	11.4802085	6.84556687	9.1338979	8.2543341	9.25100112	1.66285597	0.00017138	0.02	-0.326285587	0.405262445	0.9994554	1.329516596	3.1590848	2.51338156	2.45378093
IQCB1	NM_001023:	24	572	20	530	18	40	12	27	4.80217356	6.80196713	4.59025818	6.60594836	4.51895709	6.18931878	5.05258221	6.32810129	1.654664803	0.0007627	0.04	-1.007615399	0.017834544	0.977539476	0.647049184	3.14849892	1.565961978	1.986294098
IQCB1	NM_001319:	24	572	20	530	18	40	12	27	4.80217356	6.80196713	4.59025818	6.60594836	4.51895709	6.18931878	5.05258221	6.32810129	1.654664803	0.0007627	0.04	-1.007615399	0.017834544	0.977539476	0.647049184	3.14849892	1.565961978	1.986294098
NR	NR_134968	24	562	20	528	18	40	11	25	4.80217356	6.6776216	4.59025818	6.60053078	4.51895709	6.18931878	4.9309979	6.2185058	1.65456607	0.00074625	0.04	-1.013785828	0.017570145	0.977539476	0.647049184	3.14849892	1.565961978	1.986294098
TXN	NM_003329	1220	17181	1390	21456	170	1161	197	519	10.4182715	11.6980688	10.6489723	13.70103292	9.1029326	9.04826018	10.5756808	11.576808	1.654415635	0.00049099	0.03	-0.505930778	0.074461282	0.9994554	1.034848573	3.1749567	2.248730962	2.45378093
TXN	NM_001244:	1214	16931	1369	21106	167	1147	195	512	10.511664	11.6769107	10.2469787	11.9069535	7.67547082	11.18326	9.03356663	10.5756808	1.649732597	0.00053359	0.03	-0.583752897	0.072433729	0.9994554	1.095970773	3.13773854	2.137586678	2.45378093
CREM	NR_051971	119	3325	114	4497	53	88	25	35	7.07014544	9.33408935	7.0509704	9.67711918	6.03478715	7.4703529	6.14446201	6.68838657	1.648028124	0.00056451	0.03	-0.671456472	0.091759094	0.9994554	0.904545453	3.12023462	1.96778381	2.45378093
LEC2D	NM_012369	886	17854	1441	32033	186	628	148	285	9.95716633	11.7534857	10.6908044	12.5087311	8.78302427	10.143381	8.63656366	9.7116841	1.646945356	5.96E-05	0.01	-0.483970004	0.159397457	0.9994554	1.162939653	3.1317181	2.239215925	2.45378093
CREM	NM_181571	119	2735	100	3837	44	86	20	31	7.07014544	9.0415917	6.86345804	9.45802379	5.77079235	7.28301491	5.77025392	6.52091251	1.646823305	0.00049037	0.03	-0.679537014	0.078668399	0.9994554	0.96726859	3.1314344	1.95519479	2.45378093
RP2	NM_006915	54	1618	69	1771	41	119	25	28	5.94907859	8.29370882	6.33682027	8.33602319	5.67084488	6.08869222	6.37992726	7.37992726	1.636534477	0.00093284	0.04	-0.694704126	0.049420085	0.9994554	0.95062351	3.1282564	1.9327464	2.45378093
LEC2D	NM_001197:	872	17386	1395	31028	184	619	144	278	9.93421107	11.7151757	10.6541043	12.4627590	7.81467632	10.1225744	8.59713599	9.67585039	1.643171097	5.96E-05	0.01	-0.48113836	0.16245491	0.9994554	1.162057263	3.12351638	2.237763019	2.45378093
CREM	NM_182772	117	2877	95	3733	40	77	24	33	7.04887591	9.0182948	6.79011031	9.40459058	5.63929777	7.124646	6.84118553	6.41433936	1.6481875356	0.00042188	0.03	-0.884411687						

R3HM2	MM_001330:	260	313	407	403	457	33	42	15	8.19186141	5.94277394	8.87911164	6.21539581	6.89676317	5.91597233	6.82854768	5.49439869	-1.708455813	0.00032226	0.03	0.582054387	0.063449839	0.99994554	-1.126401426	0.3059874	0.458056852
R3HM5	MM_020746:	461	403	449	453	480	29	42	8	4.1103367	9.02051165	6.3176517	7.59592921	6.1767929	6.70989919	6.03672071	-1.7095749	0.00122128	0.05	1.5591386	0.09770399	0.99994554	-1.2124244	0.3057522	0.6370847	
R3HM2	MM_001330:	260	313	406	403	457	33	42	15	8.19186141	5.94277394	8.87570157	6.21539581	6.89676317	5.91597233	6.82854768	5.49439869	-1.712181176	0.00035861	0.03	0.591296763	0.067232354	0.99994554	-1.14292143	0.3004655	0.642841653
SYK	MM_001174:	248	176	436	438	46	22	30	11	8.12392862	5.13032915	8.97027012	6.33994562	5.83377337	5.34290765	6.34818929	5.05853061	-1.75262424	0.001024	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	6.693486	7.49239877	7.1615138	6.61433936	-1.800766319	0.00132591	0.05	0.530436888	0.1618918	0.99994554	-1.25064971	0.29069417	0.402528904	
FECH	MM_000140	80	67	245	116	59	16	28	4	6.5024817	4.43868472	8.1488892	4.6659957	6.18727021	4.89674484	6.24991795	5.39714716	-1.800766319	0.00132591	0.05	0.536348275	0.185893194	0.99994554	-1.26441804	0.28702209	0.416267248
BANP	MM_001173:	102	109	215	253	25	5	10	3	6.84954127	3.8419227	6.99983657	5.5521898	4.97516041	3.32146658	4.79821583	3.29511971	-1.800766319	0.00132591	0.05	0.536348275	0.185893194	0.99994554	-1.26441804	0.28702209	0.416267248
CSF2RA	MM_027760:	823	353	219	279	145	37	55	33	9.85086316	6.11361391	7.98764164	5.693486	7.47747596	6.07846131	7.245866	6.61433936	-1.80752629	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	19	17	7.25097028	5.21949294	8.81789052	6.30339704	5.34970765	6.84279793	5.500091	-1.822039712	0.00072037	0.04	0.52039495	0.155471573	0.99994554	-1.29164762	0.28282033	0.404845065	
CSF2RA	MM_001161:	823	357	219	283	159	41	56	33	9.85086316	6.11361391	7.98764164	5.693486	7.47747596	6.07846131	7.245866	6.61433936	-1.811512689	0.00073819	0.04	0.567290251	0.124510186	0.99994554	-1.24226591	0.28489088	0.422134138
FECH	MM_001012:	80	78	245	116	59	16	29	4	6.5024817	4.43868472	8.1488892	4.6659957	6.18727021	4.89674484	6.24991795	5.39714716	-1.813581596	0.00118957	0.05	0.536348275	0.185893194	0.99994554	-1.27723331	0.2844838	0.412585973
CCDC115	MM_001231:	50	78	242	183	26	8	10	3	5.91635611	4.00714468	8.18938998	5.09961414	5.02997874	3.94437895	4.79821583	3.29511971	-1.82440516	0.00119664	0.05	-0.008730024	0.984845754	0.99994554	-1.27723331	0.2844838	0.412585973
GLB1	MM_001135:	132	168	388	177	145	19	31	11	7.21866406	5.06517504	8.18028953	5.01286748	5.77079235	6.13072925	6.39492365	5.05853061	-1.816242986	0.00130092	0.05	0.885621392	0.020706126	0.977539476	-0.930780794	0.2832406	0.524574363
CSF2RA	MM_172246:	823	352	219	275	145	36	55	33	9.85086316	6.11361391	7.98764164	5.693486	7.47747596	6.09510627	7.1245866	6.61433936	-1.822039712	0.00072037	0.04	0.533754342	0.150310319	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	5.693486	7.47747596	6.07846131	7.24040834	6.61433936	-1.822039712	0.00072037	0.04	0.52039495	0.155471573	0.99994554	-1.29164762	0.28282033	0.404845065
CSF2RA	MM_172245:	823	353	219	279	148	37	56	33	9.85086316	6.11361391	7.98764164	5.693486	7.47747596	6.07846131	7.24040834	6.61433936	-1.822039712	0.00072037	0.04	0.52039495	0.155471573	0.99994554	-1.29164762	0.28282033	0.404845065
SLC35E2	MM_182838:	114	111	68	69	33	13	21	4	8.0066885	4.31288438	6.31288438	3.36453596	4.60831746	5.84118553	3.67293734	-1.8688091	0.0007035	0.04	6.02213029	0.165532874	0.99994554	-1.26267363	0.27454596	0.40823382	
CCDC115	MM_001231:	50	78	248	171	26	6	8	3	5.8339242	4.00714468	8.16638608	5.00741652	5.02997874	3.6024562	4.4891291	3.29511971	-1.86828114	0.00098333	0.04	0.507097956	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	4.65196263	4.77861245	-1.922039712	0.00117417	0.05	0.443935258	0.266197281	0.99994554	-1.459209173	0.267345	0.363672017	
FBXO42	MM_018994	380	172	185	119	38	17	15	7	8.77779033	5.09811987	7.7452803	4.5011857	5.56345438	4.98135608	3.36578988	4.44039236	-1.91908506	0.00131451	0.05	0.658755864	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	4.49775076	4.79821583	4.61524274	-1.912110509	0.00138906	0.05	0.07626599	0.866297186	0.99994554	-1.844843918	0.26405118	0.27385521
ZNF461	MM_001322:	41	43	50	26	39	13	18	5	5.55316132	3.21949294	5.87579593	5.21837924	6.00014662	4.60831746	5.62298125	3.97206371	-1.92856004	0.00187354	0.05	0.533274112	0.210061391	0.99994554	-1.395286299	0.26629017	0.380169239
ZNF461	MM_153257:	41	43	50	26	39	13	18	5	5.55316132	3.21949294	5.87579593	5.21837924	6.00014662	4.60831746	5.62298125	3.97206371	-1.92856004	0.00187354	0.05	0.533274112	0.210061391	0.99994554	-1.395286299	0.26629017	0.380169239
ZNF461	MM_001322:	41	43	50	26	39	13	18	5	5.55316132	3.21949294	5.87579593	5.21837924	6.00014662	4.60831746	5.62298125	3.97206371	-1.92856004	0.00187354	0.05	0.533274112	0.210061391	0.99994554	-1.395286299	0.26629017	0.380169239
DHCR7	MM_001163:	181	208	135	146	27	4	9	4	7.67149129	5.36498637	7.29320257	4.78436282	5.08279015	3.03517365	4.65196263	3.67293734	-1.9314041923	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	3.03517365	4.65196263	3.67293734	-1.9314041923	0.00028452	0.02	0.314041923	0.436603998	0.99994554	-1.62327552	0.26110148	0.324597654
INP4A	MM_001566	395	187	473	267	132	29	16	20	8.79351523	5.21536701	9.09549542	5.63131163	7.33803064	5.73285118	4.5671092	5.90141308	-1.939713386	0.0014462	0.05	0.73798826	0.039710659	0.99994554	-1.201724559	0.2606822	0.434755276
ZNF461	MM_001322:	41	43	50	26	39	13	18	5	5.55316132	3.21949294	5.87579593	5.21837924	6.00014662	4.60831746	5.62298125	3.97206371	-1.941711286	0.00124932	0.05	0.505213032	0.198006209	0.99994554	-1.39275517	0.26004421	0.380783225
CSF2RA	MM_001161:	417	214	183	145	142	31	52	32	8.8067439	5.4050318	7.72967216	4.77480836	7.44275557	5.82731525	7.13422688	6.57040533	-1.945017264	0.00035721	0.03	0.571212001	0.13157499	0.99994554	-1.37470545	0.2594971	0.38653154
ZMNM8	MM_001281:	437	241	103	56	90	25	33	21	8.93898334	5.57263454	6.90574236	3.48366915	6.78964479	5.5230603	6.48408206	5.9706526	-1.947089921	0.00067611	0.03	1.02489025	0.004175297	0.836093744	-0.918599671	0.25933882	0.529022258
ZMNM8	MM_001281:	437	241	103	56	90	25	33	21	8.93898334	5.57263454	6.90574236	3.48366915	6.78964479	5.5230603	6.48408206	5.9706526	-1.947089921	0.00067611	0.03	1.02489025	0.004175297	0.836093744	-0.918599671	0.25933882	0.529022258
ZMNM8	MM_183047:	437	241	103	56	90	25	33	21	8.93898334	5.57263454	6.90574236	3.48366915	6.78964479	5.5230603	6.48408206	5.9706526	-1.947089921	0.00067611	0.03	1.02489025	0.004175297	0.836093744	-0.918599671	0.25933882	0.529022258
TRAK1	MM_001042:	10	42	102	45	68	9	29	6	6.60977563	3.1889557	6.89178513	3.19933558	6.8394673	4.10385368	6.29898019	4.21969426	-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	8.39285159	5.28859179	9.17255764	5.41464122	8.0544302	8.27315525	6.29898019	5.5850649	-1.948183163	0.00133294							

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
STBP9	NM_01376561	53	52	64	25	10	1	0	3	4.85889035	3.46366031	7.80607714	4.04948941	4.97511646	4.10914514	4.09541077	3.29511974	-1.40667057	0.00042716	0.004	0.333104276	0.467714632	0.99994554	-1.286580573	0.22678079	0.268690373
GABP2	NM_0013231	132	106	397	154	26	11	12	2	7.21866406	4.42356622	8.84229903	4.8586622	4.02997874	4.78702344	5.05252821	2.78183448	-1.236621653	0.00040254	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	5.30315006	2.34889108	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	0.22623568	0.42904871
CD25B	NM_0012872	35	44	170	29	53	9	7	4	5.30315006	2.34889108	7.62388292	2.64963404	6.03478715	4.10385368	4.30569564	3.67293734	-1.144745584	0.001421119	0.005	0.923313157	0.025422471	0.99994554	-1.221434297	0.22623468	0.428856622
IKZF5	NM_0012574	42	25	217	42	51	20	30	11	5.58719498	2.54427561	7.9744852	3.11093828	5.98015473	5.20895443	6.34818929	5.05853061	-2.142529744	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	2.54427561	7.99418846	3.19935358	6.1130423	5.20895443	6.34942635	5.18049493	-2.146763062	0.00090306	0.004	0.725015312	0.082259115	0.99994554	-1.42174774	0.22681871	0.373295853
TBC1D8	NM_138475	551	290	193	244	66	17	24	4	9.72779408	5.83452314	7.80607714	5.50400462	6.34691996	4.98135608	6.03068151	3.67293734	-2.148625446	0.00045405	0.001	0.802097206	0.039551306	0.99994554	-1.346585341	0.22518196	0.39322165
CTBP	NM_0063971	92	20	82	27	13	24	40	22	6.70262702	2.32828009	6.62549903	7.54079898	4.66447327	6.75789288	6.03672071	0.00000000	-2.151470959	0.00000000	0.002	0.830128148	0.066936044	0.99994554	-1.321441911	0.226544822	0.40124832
PTFRS	NM_130854	500	444	1056	472	57	18	26	7	9.13297073	6.44023425	10.2527364	6.44050271	6.64057165	5.81126001	4.440320836	0.00000000	-2.153668986	5.66E-05	0.001	0.932933141	0.017635774	0.99994554	-1.224367552	0.22519499	0.428261309
GPI	NM_001184	145	105	212	53	37	7	12	8	7.35331038	4.41272987	9.94096271	3.41151641	5.52580452	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	5.52580452	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	75	50	19	13	7	8.51262917	3.67727035	7.80607714	3.94204975	9.59204259	5.13700529	5.16471165	4.43008236	-2.170327349	0.00104885	0.004	0.534627427	0.246890336	0.99994554	-1.635699922	0.22216026	0.321814242
GSN	NM_0011271	327	61	193	75	50	19	13	7	8.51262917	3.67727035	7.80607714	3.94204975	9.59204259	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	2.34889108	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	0.395975836
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	2.82E-05	0.006731826	-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	4.37802348	5.54224009	4.21969426	-2.18221088	0.00052465	0.003	0.1009912673	0.010069019	0.99994554	-1.170792014	0.22056788	0.444177425
METTL23	NM_0012061	109	110	134	144	6	2	7	0	6.94449663	4.47676193	7.28254481	4.7651902	3.05465776	2.20123255	4.30569564	0.00000000	-2.18322018	0.00052465	0.003	0.412844392	0.367145532	0.99994554	-1.770375795	0.22018374	0.291312372
METTL23	NM_0012062	109	110	134	144	6	2	7	0	6.94449663	4.47676193	7.28254481	4.7651902	3.05465776	2.20123255	4.30569564	0.00000000	-2.18322018	0.00052465	0.003	0.412844392	0.367145532	0.99994554	-1.770375795	0.22018374	0.291312372
METTL23	NM_0012063	109	110	134	143	6	2	7	0	6.94449663	4.47676193	7.28254481	4.75500749	3.05465776	2.20123255	4.30569564	0.00000000	-2.186271416	0.0005163	0.003	0.414863851	0.364729571	0.99994554	-1.771407565	0.21971855	0.292922808
METTL23	NM_001302	109	110	134	143	6	2	7	0	6.94449663	4.47676193	7.28254481	4.75500749	3.05465776	2.20123255	4.30569564	0.00000000	-2.186271416	0.0005163	0.003	0.414863851	0.364729571	0.99994554	-1.771407565	0.21971855	0.292922808
TRAPPC9	NM_001346	70	79	244	201	93	12	19	6	6.31211929	4.02438702	8.14300943	5.23119303	6.83652978	5.49776706	5.69947218	4.21969426	-2.19151982	0.20E-05	0.001	0.975529011	0.013486287	0.99994554	-1.215612971	0.21928029	0.431187841
HDC1	NM_000964	1240	545	4133	51	25	25	25	12	10.44173135	6.73204861	12.2040353	6.44837991	5.98015473	5.5230663	6.08869222	5.18049493	-2.19914582	0.00097365	0.004	0.515618961	0.173662016	0.99994554	-1.674488785	0.21914568	0.31329228
PTFRS	NM_130853	445	429	970	383	53	18	26	5	8.90510255	6.30123081	10.1302881	6.14297388	6.03478715	5.06172875	5.14446021	3.97206371	-2.19914582	0.00097365	0.004	1.00736441	0.009846358	0.99994554	-1.18407544	0.21893277	0.440106493
TBC1D8	NM_001330	734	308	193	245	70	18	24	4	4.96590402	2.51992233	7.80607714	5.0986847	6.43079571	5.06172875	6.03068151	3.67293734	-2.19247802	0.53E-05	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	5.30315006	2.34889108	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	2.39181825	7.29320257	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_120609	1	0	3	499	22	29	29	15	1.08462047	1.0	1.83283237	0.62825860	9.92725589	5.34297065	5.90890919	5.49439869	-2.195586921	0.00107988	0.005	0.842666786	0.044590308	0.99994554	-1.352920135	0.21830439	0.381498827
TGFBI	NM_000058	211	116	527	186	60	13	26	14	7.99173809	4.5500279	5.12218794	5.12239441	2.21181775	4.60831746	4.44446021	5.39714472	-2.198073806	0.00097365	0.004	0.311774963	0.090860102	0.99994554	-1.904046085	0.21521664	0.267192963
TBC1D8	NM_001102	734	308	193	244	68	17	24	4	6.98590402	2.51992233	7.80607714	5.04													

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	0.617954693	0.049285634	0.99994554	-1.62000562	0.19781719	0.325334187	
TSP0AP1	NM_00012611	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	0.617954693	0.049285634	0.99994554	-1.64785776	0.19729229	0.325334187	
GPX1	NM_000581	250	92	604	53	4	5	8	2	8.13545752	4.23158589	9.4476168	5.1151641	3.97559962	3.32146658	4.48919291	2.78183448	-2.343158337	0.00144776	0.05	0.808627786	0.075230416	0.99994554	-1.54353052	0.19707841	0.345191644
GPX1	NM_0011321	250	92	604	53	4	5	8	2	8.13545752	4.23158589	9.4476168	5.1151641	3.97559962	3.32146658	4.48919291	2.78183448	-2.343158337	0.00144776	0.05	0.808627786	0.075230416	0.99994554	-1.54353052	0.19707841	0.345191644
GSN	NM_0001737	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	44	16	13	6	8.41670683	3.61033534	7.80607714	3.9248741	5.06134664	4.89674484	5.16471165	4.21969426	-2.348816957	0.00023236	0.02	0.645741575	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	3.36453596	4.24744171	4.30569564	4.43008236	-2.349733717	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	3.36453596	4.24744171	4.30569564	4.43008236	-2.349733717	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	3.36453596	4.24744171	4.30569564	4.43008236	-2.349733717	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	3.36453596	4.24744171	4.30569564	4.43008236	-2.349733717	0.00069224	0.04	0.338305541	0.426407879	0.99994554	-2.015928176	0.19618223	0.247255038
TSP0AP1	NM_0004758	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	0.057890716	0.99994554	-1.65894162	0.19601889	0.312671478	
CSH4	NM_004390	41	22	135	9	35	4	12	5	5.55316132	2.39318925	7.29320257	3.9855377	5.44742245	3.0513785	4.65196258	3.97206371	-2.358801526	0.00011468	0.01	0.169355565	0.37247002	0.99994554	-1.943595962	0.19404807	0.262063344
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	0.27102612
AQ2	NM_012154	308	146	483	289	31	6	6	3	8.43551103	4.86916105	9.15262383	5.74332041	5.27659559	3.56024562	4.09541077	3.29511971	-2.3652982	0.00055209	0.01	0.155666027	0.72342374	0.99994554	-1.883495707	0.19430753	0.27102612
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	-2.3721088	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	-1.296467806	0.19223802	0.218171143
MAPK314-AS	NR_024434	128	60	192	92	15	5	11	3	7.17457259	3.65301393	7.79861618	4.14850621	4.26843359	3.32146658	4.9309978	3.29511971	-2.379136568	0.00010327	0.01	1.015016178	0.020342906	0.977539476	-1.364120391	0.192244241	0.388471216
MAPK314-AS	NR_110324	129	60	192	92	15	5	11	3	7.17457259	3.65301393	7.79861618	4.14850621	4.26843359	3.32146658	4.9309978	3.29511971	-2.379136568	0.00010327	0.01	1.015016178	0.020342906	0.977539476	-1.364120391	0.192244241	0.388471216
OAT	NM_0010274	38	21	134	71	39	1	12	7	5.44596053	2.3390939	7.28254481	3.9855377	5.60014662	1.48509719	5.05282221	4.43008236	-2.384918171	0.00021039	0.02	0.46078518	0.329981157	0.99994554	-1.924132992	0.19145561	0.265349856
OAT	NM_0013221	38	21	134	71	39	1	12	7	5.44596053	2.3390939	7.28254481	3.9855377	5.60014662	1.48509719	5.05282221	4.43008236	-2.384918171	0.00021039	0.02	0.46078518	0.329981157	0.99994554	-1.924132992	0.19145561	0.265349856
MAPK314-AS	NR_110326	128	60	194	92	15	5	11	3	7.17457259	3.65301393	7.82823128	4.14850621	4.26843359	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	3.62392382	8.787856	3.43597074	7.47274596	5.82731525	5.9071554	4.92534978	-2.386760397	0.00024275	0.02	0.872170647	0.018812297	0.977539476	-1.514854975	0.19112129	0.349995978
KCNIP2	NM_014591	92	26	4	2	53	7	24	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	0.189309912	0.99994554	-1.776149343	0.18980815	0.291961624
KCNIP2	NM_173191	92	26	4	2	53	7	24	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	0.189309912	0.99994554	-1.776149343	0.18980815	0.291961624
KCNIP2	NM_173192	92	26	4	2	53	7	24	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	0.189309912	0.99994554	-1.776149343	0.18980815	0.291961624
MAPK314	NM_003954	332	214	536	241	47	11	9	1	5.84346266	5.4050318	9.27557823	4.86664168	5.86426198	4.37802348	4.65196263	1.97769441	-2.400049532	0.00058	0.05	0.017857896	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	3.25029283	2.20123255	3.8491801	3.29511971	-2.405706864	0.00081127	0.04	0.206883681	0.658226378	0.99994554	-2.61439074	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	3.54013409	11.8023545	5.2450988	5.86426198	5.91597233	4.9309978	5.75208932	-2.409278536	0.0014481	0.05	0.38457569	0.406568126	0.99994554	-1.08453061	0.18603361	0.235771949
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	0.203557078	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	4.9643278	5.40657438	3.05173625	5.16471165	4.61524274	-2.41033437	0.0							

RTE1I	NM_018837	717	147	2276	171	49	19	15	6	9.6521748	4.8767299	11.3599932	5.00471652	5.92337176	5.13700529	5.36578988	4.21969426	-2.52188594	0.00032063	0.02	0.706892749	0.07814487	0.89576049	0.99994554	-1.814993191	0.1741152	0.284205585	
NM12831	92	23	342	16	27	4	2	24	6	5.80539381	2.4452923	2.8586654	1.96731229	5.0827905	3.1794252	3.6721834	-2.53268156	0.00000001	0.04	0.27131594	0.00000000	0.00000000	0.00000000	0.99994554	-1.84965217	0.1726955	0.277456745	
KCNIP2	NM_173194	92	26	4	2	52	7	24	7	6.70307970	2.4899617	0.41763060	0.00772953	3.76505966	6.03608511	4.50828236	-2.53268156	0.00000001	0.04	0.68402323	0.148392361	0.99994554	-1.84965217	0.1726955	0.277456745	0.277456745	0.277456745	
MUC4	NM_001322	48	4	220	9	1280	176	116	125	5.77609387	0.8244011	7.9941884	1.3989409	10.6075452	8.31146413	8.2860905	5.8245809	-2.53592549	0.00050181	0.03	1.04021263	0.005451393	0.861287632	0.99994554	-1.495739849	0.17242579	0.354598946	
TC7A	NM_001288	326	63	337	69	89	17	12	6.51722254	5.7024808	8.60746775	3.76032321	6.77367164	4.98135608	5.54224009	5.18044933	-2.537861928	0.00011316	0.01	0.70149686	0.107058832	0.99994554	-1.83635607	0.17219774	0.220062434	0.220062434	0.220062434	
NA	NM_001346	467	103	286	179	97	12	24	12.903458376	0.86249952	8.37139374	5.0686700	6.89676317	4.97760760	6.03608511	5.18044933	-2.54001477	1.266	0.00	0.490491977	0.313420493	0.99994554	-2.09597673	0.17134568	0.23390717	0.23390717	0.23390717	
MUC4	NM_018406	48	4	225	9	1339	182	122	129	5.77609387	0.8244011	0.02648419	1.3989409	10.6075452	8.31146413	8.2860905	5.8245809	-2.54001477	0.00050181	0.03	1.12460000	0.003251125	0.80621185	0.99994554	-1.424441397	0.17086825	0.80621185	
SULF2	NM_001161	717	147	2276	171	52	19	15	6	9.6521748	4.8767299	11.3599932	5.00471652	5.92337176	5.13700529	5.36578988	4.21969426	-2.54955828	0.0000265	0.02	0.706892749	0.07814487	0.89576049	0.99994554	-1.84276028	0.17079542	0.277867674	
NM_020458	326	63	337	69	89	17	12	6	6.51722254	5.7024808	8.60746775	3.76032321	6.77367164	4.98135608	5.54224009	5.18044933	-2.55036838	0.0001837	0.02	0.769734683	0.07954649	0.99994554	-1.78536955	0.17079542	0.277867674	0.277867674		
LINC01012	NR_038292	185	50	9	1	53	12	19	6	7.70287385	3.41498838	3.50659599	0.02411177	6.03478715	4.13770075	4.21969426	-2.56092788	0.00012439	0.01	0.069025788	0.88346319	0.99994554	-1.84953608	0.17028475	0.178650083	0.178650083	0.178650083	
TC7A	NM_001288	326	56	347	50	82	16	14	11.85172254	5.6392199	8.64954822	3.83556428	6.65661536	4.89674484	5.26875114	5.0583061	-2.56797656	0.00017682	0.02	0.769734683	0.07954649	0.99994554	-1.78734497	0.1699151	0.289704706	0.289704706	0.289704706	
CXCR1	NM_001171	57	3	28	1	70	14	20	6	6.0198486	0.65990466	0.584707	0.2411077	6.43079571	4.71100168	4.77861245	-2.5684881	0.00083954	0.04	0.957771344	0.042761007	0.99994554	-1.610716466	0.16858081	0.27345701	0.27345701	0.27345701	
NA	NM_001346	469	103	286	179	99	14	26	11.94007374	0.83629952	8.37139374	5.0686700	6.92596234	4.71100168	6.14446021	5.0583061	-2.572184953	7.766	0.00	0.438332866	0.325356655	0.99994554	-2.133852087	0.16814934	0.227848679	0.227848679	0.227848679	
PPP1R35	NM_145030	48	12	142	16	6	3	4	1	5.77609387	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	0.217408022	0.217408022	
NA	NM_001346	469	103	286	179	99	14	26	11.94007374	0.83629952	8.37139374	5.0686700	6.92596234	4.71100168	6.14446021	5.0583061	-2.572184953	7.766	0.00	0.438332866	0.325356655	0.99994554	-2.133852087	0.16814934	0.227848679	0.227848679	0.227848679	
UBE2S	NM_010451	26	19	269	26	2	0	1	1	4.91366757	2.22440934	0.28326005	2.51837994	1.78086511	0.14460154	1.97769441	-2.57760267	1.486	0.00	0.24537063	0.32201937	0.99994554	-2.134655624	0.1677038	0.2727181	0.2727181	0.2727181	
LAPTM5	NM_006762	425	129	566	187	43	14	25	6	8.89898589	4.69705447	9.35420389	5.12990485	5.73823986	4.71100168	6.08869222	4.21969426	-2.57805676	1.436	0.00	0.431436666	0.364436075	0.99994554	-2.164589059	0.16747228	0.223045648	0.223045648	
LOC645752	NR_027024	0	1	5	0	127	5	10	4	0.25498831	2.75959573	0	0.28267222	3.32146658	4.79821583	3.67293734	-2.57916528	0.000109139	0.05	0.931039902	0.049071202	0.99994554	-1.648121626	0.16733817	0.319055293	0.319055293	0.319055293	
HSPA2	NM_021979	1118	44	2374	246	18	13	13	3	10.2924067	3.24891108	11.4207899	5.5161272	4.51895709	4.60831746	5.1671165	3.29511971	-2.58233465	0.00060532	0.03	0.30001749	0.52279244	0.99994554	-2.28231492	0.16697052	0.20556764	0.20556764	
SULF2	NM_198596	717	147	2276	171	52	18	15	6	9.6521748	4.8767299	11.3599932	5.00471652	5.92337176	5.13700529	5.36578988	4.21969426	-2.585119261	0.00020469	0.02	0.706892749	0.07814487	0.89576049	0.99994554	-1.854851096	0.16664856	0.273461196	0.273461196
MYO18A	NM_020318	469	103	286	179	98	13	26	11.94007374	0.83629952	8.37139374	5.0686700	6.92596234	4.71100168	6.14446021	5.0583061	-2.59453157	1.166	0.00	0.442373089	0.321079454	0.99994554	-2.152158268	0.16556489	0.22294978	0.22294978	0.22294978	
DLG4	NM_001321	16	7	237	9	65	12	29	4	4.24283721	1.2367452	8.10116607	1.3989409	6.32516631	4.97760760	6.29890919	4.77861245	-2.59056171	0.00024652	0.02	-0.161314454	0.717690823	0.99994554	-2.75637169	0.16550403	0.147995358	0.147995358	
DLG4	NM_001365	16	7	237	9	65	12	29	4	4.24283721	1.2367452	8.10116607	1.3989409	6.32516631	4.97760760	6.29890919	4.77861245	-2.59056171	0.00024652	0.02	-0.161314454	0.717690823	0.99994554	-2.75637169	0.16550403	0.147995358	0.147995358	
DLG4	NR_135527	16	7	237	9	65	12	29	4	4.24283721	1.2367452	8.10116607	1.3989409	6.32516631	4.97760760	6.29890919	4.77861245	-2.59056171	0.00024652	0.02	-0.161314454	0.717690823	0.99994554	-2.75637169	0.16550403	0.147995358	0.147995358	
APOR8	NM_018690	30	11	306	121	137	10	12	11.51372236	1.64458886	8.46825488	4.52471779	7.39134314	3.15052822	5.0583061	-2.59293721	3.316	0.01	-0.147560653	0.755117496	0.99994554	-2.742997923	0.16546096	0.149374116	0.149374116	0.149374116		
GAS7	NM_003644	42	3	483	67	104	25	23	11.53871948	0.65990466	9.12562383	3.72107246	6.99647991	5.52338193	5.97024012	5.0583061	-2.60364943	0.00021315	0.02	0.375154817	0.428312628	0.99994554	-2.228749796	0.16452345	0.21383433	0.21383433		
ASB1	NM_013231	100	11	96	14	4	6	3	6.82122129	1.64458886	6.8058014	1.58391376	1.17425488	3.0513765	4.02541077	3.29511971	-2.607138629	0.00048716	0.02	0.407032162	0.601215471	0.99994554	-2.86107465	0.16412456	0.1947717	0.1947717		
MYO18A	NM_078471	469	103	286	179	101	13	26	11.94007374	0.83629952	8.37139374	5.0686700	6.94584224	4.60831746	6.14446021	5.0583061	-2.60797401	0.366	0.00	0.442373089	0.321079454	0.99994554	-2.165624172	0.1640027	0.22285657	0.22285657		
EGR1	NM_001964	3.621	122	3226	508	44	14	26	12.10579482	5.39180645	11.863074	6.54542578	5.77079235	4.71100168	6.14446021	5.18044933	-2.60805199	8.906	0.01	0.140014854	0.754827783	0.99994554	-2.468005341	0.16402411	0.180740868	0.180740868		
ZM21	NM_020338	297	65	329	61	125	16	29	20.83831974	3.76194149	8.57289668	3.5964414	4.25992006	4.89674484	6.29890919	5.9014308	-2.60872411	5.506	0.01	0.714339885	0.118215618	0.99994554	-1.894235247	0.16369111	0.269016296	0.269016296		
CMP	NM_030629	338	8	168	6	116	10	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	0.057620422	0.99994554	-1.7154256	0.1638119	0.30451272	0.30451272		
CMP	NM_198390	338	8	159	6	116	10	9	8.57348484	1.34857722	7.7911643	1.06446628	6.34691996	4.24744171	4.65196263	4.77861245	-2.614226341	0.00091459	0.04	0.883038073	0.078939932	0.99994554	-1.783840268	0.16332003	0.304069335	0.304069335		
ASB1	NM_013231	100	11	96	14	4	6	3	6.82122129	1.64458886	6.8058014	1.583913																



