Gene_ID	CBM	WT	log2FoldCh	pvalue	padj	GeneName	Chrom	Strand	Start	End	GeneLength
ENSG0000(	1270.673	971.9825	0.38624	0.018132	0.036117	TSPAN6	chrX	-	99883667	99894988	2206
ENSG0000(	1817.579	47.17688	5.2514	6.76E-88	3.25E-86	TNMD	chrX	+	99839799	99854882	1339
ENSG0000(	506.2518	583.8852	-0.20523	0.22734	0.32039	DPM1	chr20	-	49551404	49575092	1161
ENSG0000(	137.6919	78.63109	0.80436	0.000145	0.000404	SCYL3	chr1	-	1.7E+08	1.7E+08	3477
ENSG0000(	180.0755	296.5424	-0.71562	6.64E-06	2.18E-05	C1orf112	chr1	+	1.7E+08	1.7E+08	4355
ENSG0000(	12.54105	7.022276	0.78684	0.24891	0.34522	FGR	chr1	-	27938575	27961788	2729
ENSG0000(	193.3196	0	9.0239	5.90E-17	4.31E-16	CFH	chr1	+	1.97E+08	1.97E+08	6985
ENSG0000(	561.2039	516.0278	0.12012	0.37805	0.48221	FUCA2	chr6	-	1.44E+08	1.44E+08	1690
ENSG0000(	278.9136	741.9308	-1.4083	1.04E-16	7.46E-16	GCLC	chr6	-	53362139	53481768	3813
ENSG0000(	1155.73	604.6991	0.93439	6.51E-16	4.49E-15	NFYA	chr6	+	41040684	41067715	3811
ENSG0000(	90.59909	194.9253	-1.0968	0.001215	0.002973	STPG1	chr1	-	24683489	24743424	6016
ENSG0000(	236.4371	211.0066	0.16176	0.33576	0.43943	NIPAL3	chr1	+	24742284	24799466	5481
ENSG0000(	807.003	1669.818	-1.0477	4.50E-22	4.15E-21	LAS1L	chrX	-	64732462	64754655	5205
ENSG0000(	28.74477	39.06147	-0.43624	0.26695	0.36563	ENPP4	chr6	+	46097730	46114436	4651
ENSG0000(	1713.334	1664.067	0.041792	0.86984	0.90945	SEMA3F	chr3	+	50192478	50226508	3802
ENSG0000(	6.888332	8.357568	-0.27942	0.7189	0.792	CFTR	chr7	+	1.17E+08	1.17E+08	6128
ENSG0000(	1561.418	686.3151	1.1842	1.40E-24	1.45E-23	ANKIB1	chr7	+	91875548	92030698	6081
ENSG0000(	113.9077	55.68032	1.0203	5.70E-05	0.000167	CYP51A1	chr7	-	91741465	91772266	3210
ENSG0000(	301.2173	303.2296	-0.00899	0.95526	0.97241	KRIT1	chr7	-	91828283	91875480	4762
ENSG0000(	174.4376	141.4135	0.30459	0.14543	0.22101	RAD52	chr12	-	1021243	1100356	2826
ENSG0000(	9.389794	11.49851	-0.29362	0.6935	0.77146	MYH16	chr7	+	98836417	98908753	6294
ENSG0000(	39.61517	32.19864	0.29374	0.42407	0.52946	BAD	chr11	-	64037302	64052176	1157
ENSG0000(	987.0301	1179.954	-0.25686	0.034049	0.063577	LAP3	chr4	+	17578815	17609595	2213
ENSG0000(	10313.02	1151.22	3.1607	4.92E-225	1.40E-222	CD99	chrX	+	2609220	2659350	1245
ENSG0000(	15.44586	23.84752	-0.60844	0.20323	0.29209	HS3ST1	chr4	-	11394774	11431389	8031
ENSG0000(	0	2.811501	-2.7201	0.104	0.16679	ABP1	chr7	+	1.51E+08	1.51E+08	3135
ENSG0000(	7.31319	3.042118	1.145	0.29505	0.39711	WNT16	chr7	+	1.21E+08	1.21E+08	3147
ENSG0000(	514.7411	82.54076	2.6365	6.27E-53	1.55E-51	HECW1	chr7	+	43152198	43602938	6839
ENSG0000(	880.4835	767.1226	0.19829	0.13848	0.21199	MAD1L1	chr7	-	1855429	2272878	2991
ENSG0000(	8686.305	4816.503	0.85026	1.02E-18	8.05E-18	LASP1	chr17	+	37026112	37078023	4109
ENSG0000(	418.5091	399.0145	0.069402	0.66984	0.75241	SNX11	chr17	+	46180719	46200436	2733
ENSG0000(	1.359003	3.06884	-1.032	0.38471	0.48891	TMEM176A	chr7	+	1.5E+08	1.51E+08	2065
ENSG0000(	881.9861	1107.479	-0.32766	0.001706	0.004082	M6PR	chr12	-	9092959	9102551	2756
ENSG0000(	2.592987	121.6475	-5.3958	3.88E-23	3.78E-22	KLHL13	chrX	-	1.17E+08	1.17E+08	5331
ENSG0000(	29.98829	2.309719	3.5218	3.41E-06	1.15E-05	CYP26B1	chr2	-	72356367	72375167	4732
ENSG0000(	40.39797	251.0191	-2.6233	8.48E-28	9.96E-27	ICA1	chr7	-	8152814	8302317	2458
ENSG0000(	812.9321	2288.277	-1.4917	6.40E-40	1.12E-38	DBNDD1	chr16	-	90071273	90086536	2889
ENSG0000(	886.671	805.3396	0.13805	0.23216	0.32558	ALS2	chr2	-	2.03E+08	2.03E+08	6644
ENSG0000(	2.894453	41.88189	-3.7036	1.12E-08	4.73E-08	CASP10	chr2	+	2.02E+08	2.02E+08	5928
ENSG0000(	277.5646	203.1125	0.45106	0.007739	0.016602	CFLAR	chr2	+	2.02E+08	2.02E+08	4415
ENSG0000(	143.7933	77.87177	0.8789	0.006257	0.013673	TFPI	chr2	-	1.88E+08	1.88E+08	7690
ENSG0000(	188.4772	593.7715	-1.6503	1.24E-27	1.44E-26	NDUFAF7	chr2	+	37458774	37480546	2974
ENSG0000(	1330.89	656.8055	1.0172	1.34E-09	6.11E-09	RBM5	chr3	+	50126341	50156454	5616
ENSG0000(	15.75832	70.98243	-2.1571	2.29E-08	9.45E-08	MTMR7	chr8	-	17155539	17271037	3850
ENSG0000(	167.3435	480.9355	-1.5216	9.44E-26	1.02E-24	SLC7A2	chr8	+	17354597	17428082	7638
ENSG0000(	1302.587	1473.622	-0.17753	0.18498	0.27036	ARF5	chr7	+	1.27E+08	1.27E+08	1509
ENSG0000(	200.8908	29.36129	2.7416	9.16E-21	8.00E-20	SARM1	chr17	+	26691378	26728065	7304
ENSG0000(	1710.099	1940.865	-0.18213	0.20508	0.29437	POLDIP2	chr17	-	26673659	26684545	2588
ENSG0000(	8864.178	2230.236	1.9863	1.44E-33	2.09E-32	PLXND1	chr3	-	1.29E+08	1.29E+08	7101
ENSG0000(	1468.579	1399.131	0.070131	0.5942	0.68876	AK2	chr1	-	33473585	33546597	3586
ENSG0000(	0.632843	4.507789	-2.3526	0.06832	0.11665	CD38	chr4	+	15779898	15851069	1884
ENSG0000(	1784.144	5251.303	-1.5564	7.48E-56	1.97E-54	FKBP4	chr12	+	2904119	2914576	2267
ENSG0000(	3639.213	6197.688	-0.76772	1.03E-16	7.38E-16	KDM1A	chr1	+	23345941	23410182	3059
ENSG0000(	1756.683	1339.152	0.39092	7.87E-05	0.000227	RBM6	chr3	+	49977440	50137478	4324
ENSG0000(	308.1473	278.5248	0.14458	0.61123	0.70359	CAMKK1	chr17	-	3763609	3798185	3898
ENSG0000(	1142.525	404.6789	1.4945	5.49E-15	3.60E-14	RECQL	chr12	-	21621845	21654603	3702
ENSG0000(	212.111	107.096	0.98047	0.002479	0.005782	CCDC132	chr7	+	92861653	92988338	3614
ENSG0000(	4.056471	15.8104	-1.9056	0.005763	0.012672	HSPB6	chr19	-	36245469	36248980	1634
ENSG0000(	226.5595	528.2991	-1.2171	3.37E-10	1.61E-09	ARHGAP33	chr19	+	36265434	36279724	4401
ENSG0000(	686.6787	1261.496	-0.87661	4.22E-13	2.46E-12	NDUFAB1	chr16	-	23592323	23607677	885
ENSG0000(	1.681007	0.686276	0.97937	0.52405	0.62628	PDK4	chr7	-	95212811	95225803	3576
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	SLC22A16	chr6	-	1.11E+08	1.11E+08	1987
ENSG0000(	17.41879	5.415818	1.5991	0.013642	0.027879	ZMYND10	chr3	-	50378541	50384283	2896
ENSG0000(	1.213446	6.48565	-2.062	0.07869	0.13166	ABCB5	chr7	+	20654830	20816658	5811

ENSG0000(	0.580602	1.372552	-0.71233	0.68356	0.76375	ARX	chrX	-	25021811	25034065	2876
ENSG0000(	413.4634	1028.618	-1.3116	3.53E-18	2.72E-17	SLC25A13	chr7	-	95749532	95951459	3192
ENSG0000(	260.0517	156.8151	0.73027	0.000401	0.001053	ST7	chr7	+	1.17E+08	1.17E+08	2899
ENSG0000(	1447.781	591.9263	1.2884	9.64E-26	1.04E-24	CDC27	chr17	-	45195069	45266788	5801
ENSG0000(	0	1.294874	-1.8547	0.27869	NA	SLC4A1	chr17	-	42325753	42345509	4965
ENSG0000(	0	5.34942	-3.9497	0.005052	0.011245	CALCR	chr7	-	93053799	93204042	3696
ENSG0000(	338.023	430.8192	-0.34847	0.16223	0.24256	HCCS	chrX	+	11129421	11141198	2277
ENSG0000(	1691.417	1430.643	0.24175	0.046712	0.083858	DVL2	chr17	-	7128660	7137864	3018
ENSG0000(	0.342542	10.44882	-4.185	0.000618	0.001583	PRSS22	chr16	-	2902728	2908171	1386
ENSG0000(	3034.513	4346.308	-0.51784	6.27E-06	2.07E-05	UPF1	chr19	+	18942747	18979045	5348
ENSG0000(	274.6693	64.06213	2.0886	3.11E-22	2.89E-21	SKAP2	chr7	-	26706681	27034858	3998
ENSG0000(	3227.087	5665.955	-0.81102	4.85E-12	2.62E-11	SLC25A5	chrX	+	1.19E+08	1.19E+08	1274
ENSG0000(	715.7638	280.3872	1.3504	1.42E-22	1.35E-21	CCDC109B	chr4	+	1.1E+08	1.11E+08	2270
ENSG0000(	302.5562	3.431379	5.1911	0.000179	0.000493	HOXA11	chr7	-	27221129	27224842	2295
ENSG0000(	569.7478	634.7196	-0.15487	0.29397	0.39595	POLR2J	chr7	-	1.02E+08	1.02E+08	932
ENSG0000(	576.6191	1577.357	-1.448	1.44E-15	9.75E-15	DHX33	chr17	-	5344232	5372380	5618
ENSG0000(	376.4647	1.730259	7.5809	2.86E-36	4.51E-35	MEOX1	chr17	-	41717756	41739322	2707
ENSG0000(	97.09632	9.57718	3.3019	5.55E-17	4.06E-16	THSD7A	chr7	-	11414247	11871824	6385
ENSG0000(	966.1223	1515.545	-0.64852	5.42E-07	1.98E-06	LIG3	chr17	+	33307513	33332083	4664
ENSG0000(	399.0565	313.4091	0.34884	0.13911	0.21279	RPAP3	chr12	-	48057070	48099844	2332
ENSG0000(	2.354926	56.92989	-4.4385	6.23E-11	3.14E-10	ACSM3	chr16	+	20621565	20808903	2845
ENSG0000(	69.50826	116.7561	-0.74915	0.001987	0.004705	AC004381.	chr16	+	20817751	20860987	2719
ENSG0000(	678.8989	1162.419	-0.77446	1.73E-08	7.22E-08	CIAPIN1	chr16	-	57462081	57481440	2182
ENSG0000(	1360.092	1337.022	0.024328	0.8215	0.87444	SPPL2B	chr19	+	2328617	2355099	3811
ENSG0000(	975.9856	139.5265	2.7996	1.11E-85	5.15E-84	FAM214B	chr9	-	35104109	35116338	5771
ENSG0000(	424.3894	3.06884	7.0135	2.43E-47	5.15E-46	COPZ2	chr17	-	46103533	46115392	891
ENSG0000(	425.2901	706.5483	-0.73288	2.03E-08	8.39E-08	PRKAR2B	chr7	+	1.07E+08	1.07E+08	3745
ENSG0000(	427.006	203.4054	1.0684	1.06E-08	4.50E-08	MSL3	chrX	+	11776278	11793870	3446
ENSG0000(	2881.349	2373.02	0.27938	0.11559	0.1829	CREBBP	chr16	-	3775055	3930727	10803
ENSG0000(	29.72953	61.57772	-1.0353	0.012845	0.026414	BZRAP1	chr17	-	56378592	56406152	7626
ENSG0000(	0	78.99256	-2.6062	NA	NA	MPO	chr17	-	56347217	56358296	3311
ENSG0000(	0	4.320007	-3.6589	0.01078	0.022498	PON1	chr7	-	94926988	95025673	2568
ENSG0000(	246.7462	242.2258	0.02692	0.875	0.91316	GCFC2	chr2	-	75879126	75938115	4440
ENSG0000(	381.3592	786.4128	-1.0399	1.03E-06	3.68E-06	WDR54	chr2	+	74648805	74652882	2356
ENSG0000(	113.2287	39.35848	1.5108	4.18E-07	1.54E-06	CROT	chr7	+	86974997	87029111	3175
ENSG0000(	3.910914	22.31632	-2.4268	9.76E-05	0.000278	ABCB4	chr7	-	87031013	87109751	4020
ENSG0000(	984.6033	614.3198	0.67754	0.004535	0.010165	MLL5	chr7	+	1.05E+08	1.05E+08	7013
ENSG0000(	1052.954	751.3868	0.48621	7.91E-05	0.000228	RHBDD2	chr7	+	75471920	75518244	1878
ENSG0000(	2101.171	454.6779	2.1989	9.85E-24	9.79E-23	SOX8	chr16	+	1031808	1036979	4153
ENSG0000(	1487.434	436.52	1.7675	2.35E-31	3.16E-30	IBTK	chr6	-	82879700	82957471	6054
ENSG0000(	297.6424	811.0185	-1.4414	3.98E-12	2.16E-11	ZNF195	chr11	-	3360491	3400448	2970
ENSG0000(	1723.104	476.8464	1.8522	5.19E-39	8.91E-38	MYCBP2	chr13	-	77618792	77901185	15025
ENSG0000(	669.6384	204.2227	1.7091	2.64E-17	1.96E-16	FBXL3	chr13	-	77566740	77601330	3503
ENSG0000(	6.318081	1.638012	1.7798	0.065439	0.11249	ITGAL	chr16	+	30483979	30534506	5213
ENSG0000(	234.2138	128.5362	0.86451	6.73E-06	2.21E-05	PDK2	chr17	+	48172101	48189516	3440
ENSG0000(	795.0426	793.2363	0.002773	0.98559	0.99156	ITGA3	chr17	+	48133332	48167845	5479
ENSG0000(	511.2966	264.9447	0.94523	5.02E-05	0.000148	ZFX	chrX	+	24167290	24234372	7558
ENSG0000(	1699.532	604.4566	1.4891	3.78E-40	6.67E-39	LAMP2	chrX	-	1.2E+08	1.2E+08	4030
ENSG0000(	1224.066	800.776	0.61132	7.21E-08	2.84E-07	GGNBP2	chr17	+	34900737	34946278	3497
ENSG0000(	14.68025	233.1394	-3.97	1.69E-35	2.61E-34	ITGA2B	chr17	-	42449548	42466873	3333
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	ASB4	chr7	+	95107756	95169544	3825
ENSG0000(	857.6788	815.9483	0.071931	0.50849	0.61197	GDE1	chr16	-	19513015	19533467	2954
ENSG0000(	843.5063	831.1299	0.021367	0.891	0.92441	C19orf60	chr19	+	18699495	18703146	2465
ENSG0000(	695.8765	1200.141	-0.78205	0.003057	0.007036	CRLF1	chr19	-	18683030	18718551	1792
ENSG0000(	245.0383	122.6001	0.993	2.13E-07	8.08E-07	OSBPL7	chr17	-	45884738	45899200	4497
ENSG0000(	1710.482	1254.011	0.44736	0.006317	0.013794	TMEM98	chr17	+	31254928	31272124	4434
ENSG0000(	1.939605	476.1506	-7.6861	6.88E-40	1.20E-38	YBX2	chr17	-	7191571	7197934	4553
ENSG0000(	469.383	58.77905	2.9927	3.83E-56	1.02E-54	MAP3K14	chr17	-	43340488	43394414	4465
ENSG0000(	0	12.4761	-5.2751	1.58E-05	4.97E-05	ABCC8	chr11	-	17414432	17498449	4981
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	CCL3	chr17	-	34415602	34417515	1494
ENSG0000(	1078.881	692.6081	0.63837	4.49E-09	1.96E-08	SYNRG	chr17	-	35874900	35969544	8229
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CACNG3	chr16	+	24266874	24374122	3088
ENSG0000(	4290.721	2396.266	0.83881	3.97E-08	1.60E-07	TMEM132A	chr11	+	60691935	60704631	3981
ENSG0000(	6846.605	4860.29	0.49409	1.41E-07	5.44E-07	AP2B1	chr17	+	33905065	34053436	6085
ENSG0000(	22.5936	7.125803	1.6136	0.015782	0.031821	TAC1	chr7	+	97361220	97369784	1239

ENSG0000(	599.8356	845.6191	-0.49348	0.022609	0.044093	ZNF263	chr16	+	3313743	3351401	3830
ENSG0000(	104.4881	17.49695	2.5572	1.12E-16	8.02E-16	CX3CL1	chr16	+	57406370	57418960	5796
ENSG0000(	1474.011	554.2053	1.4086	1.88E-25	2.00E-24	SPATA20	chr17	+	48620419	48633213	3539
ENSG0000(	423.8861	642.778	-0.59881	0.00108	0.002662	CACNA1G	chr17	+	48638429	48704835	7848
ENSG0000(	2905.671	1453.54	0.99858	2.27E-28	2.71E-27	TNFRSF12A	chr16	+	3068446	3072384	1678
ENSG0000(	2.209369	2.073397	0.10351	0.93681	0.95831	DLX6	chr7	+	96634860	96640351	2304
ENSG0000(	129.5068	860.7808	-2.7252	4.52E-45	9.02E-44	MAP3K9	chr14	-	71189243	71276251	11169
ENSG0000(	1088.842	1375.212	-0.33703	0.001535	0.003701	RALA	chr7	+	39663082	39747723	2880
ENSG0000(	142.2132	526.8958	-1.8847	8.73E-22	7.97E-21	BAIAP2L1	chr7	-	97920963	98030380	3622
ENSG0000(	231.0555	330.2849	-0.51318	0.053273	0.093999	JHDM1D	chr7	-	1.4E+08	1.4E+08	9272
ENSG0000(	1179.156	1003.991	0.23239	0.075198	0.12677	ETV1	chr7	-	13930853	14031050	6752
ENSG0000(	393.4915	426.5489	-0.11674	0.45293	0.55838	AGK	chr7	+	1.41E+08	1.41E+08	3849
ENSG0000(	55.95833	38.95062	0.5074	0.14813	0.2246	ALDH3B1	chr11	+	67776048	67796744	5876
ENSG0000(	0	22.5041	-6.0811	2.66E-07	1.00E-06	TTC22	chr1	-	55245385	55266940	3345
ENSG0000(	1607.587	290.4305	2.4678	1.55E-81	6.61E-80	PHTF2	chr7	+	77428122	77586818	5005
ENSG0000(	0	9.15066	-4.7568	0.000267	0.00072	CCL26	chr7	-	75398851	75419214	703
ENSG0000(	379.4112	182.2968	1.0568	2.63E-12	1.45E-11	FARP2	chr2	+	2.42E+08	2.42E+08	4051
ENSG0000(	0	32.04893	-6.5087	4.63E-08	1.86E-07	USH1C	chr11	-	17515442	17565963	2700
ENSG0000(	437.9836	1047.304	-1.2578	8.64E-25	8.96E-24	GGCT	chr7	-	30536237	30591095	1173
ENSG0000(	372.6594	567.0152	-0.60321	0.004798	0.010715	DBF4	chr7	+	87505531	87538856	3907
ENSG0000(	101.8932	15.17024	2.7174	1.06E-14	6.85E-14	TBXA2R	chr19	-	3594504	3606838	2608
ENSG0000(	544.7557	299.5192	0.85771	0.003336	0.007636	IFRD1	chr7	+	1.12E+08	1.12E+08	2290
ENSG0000(	276.1749	442.2208	-0.67748	4.12E-06	1.38E-05	COX10	chr17	+	13972813	14111994	2873
ENSG0000(	777.5764	865.7043	-0.15544	0.36955	0.47408	GTF2IRD1	chr7	+	73868120	74016931	5868
ENSG0000(	1286.388	710.8905	0.85338	1.93E-05	5.98E-05	PAF1	chr19	-	39876492	39881835	2066
ENSG0000(	1059.817	558.3623	0.92308	5.11E-08	2.04E-07	VPS41	chr7	-	38762563	38971994	5903
ENSG0000(	32.41844	649.0439	-4.3014	3.52E-55	9.11E-54	ARHGAP44	chr17	+	12692856	12894960	4428
ENSG0000(	1122.152	2324.096	-1.0491	7.96E-16	5.46E-15	ELAC2	chr17	-	12895708	12921504	3738
ENSG0000(	30.81102	5.987157	2.3074	1.96E-05	6.08E-05	SCIN	chr7	+	12610203	12693228	3137
ENSG0000(	205.3726	78.34368	1.39	5.02E-12	2.71E-11	ARSD	chrX	-	2822011	2847392	5159
ENSG0000(	95.05125	221.8195	-1.2135	1.43E-09	6.53E-09	PNPLA4	chrX	-	7866288	7895780	3372
ENSG0000(	0.580602	0.700845	-0.12342	0.94316	NA	MYH13	chr17	-	10201401	10276447	6296
ENSG0000(	1582.02	976.3297	0.69527	1.03E-06	3.66E-06	ADIPOR2	chr12	+	1797740	1897844	4018
ENSG0000(	27.17941	37.73008	-0.459	0.25332	0.35027	CDKL3	chr5	-	1.34E+08	1.34E+08	2160
ENSG0000(	2.624689	2.69898	-0.0283	0.98185	0.98993	UPP2	chr2	+	1.59E+08	1.59E+08	2435
ENSG0000(	0	3.219363	-2.4755	0.16027	0.24004	PRSS21	chr16	+	2867164	2876305	1159
ENSG0000(	1489.766	1523.637	-0.03244	0.89232	0.92526	MARK4	chr19	+	45582546	45808541	5209
ENSG0000(	1447.658	1347.438	0.10352	0.4764	0.58096	PROM1	chr4	-	15964699	16086001	4349
ENSG0000(	1910.781	2146.862	-0.16793	0.11898	0.18755	CCDC124	chr19	+	18043825	18054800	1055
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CEACAM21	chr19	+	42055886	42093197	1691
ENSG0000(	2731.024	1546.899	0.81976	1.70E-17	1.27E-16	PAFAH1B1	chr17	+	2496504	2588909	5497
ENSG0000(	0.923144	27.26674	-4.4781	2.81E-07	1.05E-06	NOS2	chr17	-	26083792	26127525	4176
ENSG0000(	10.70512	23.67343	-1.1084	0.04118	0.075226	DNAH9	chr17	+	11501748	11873485	14170
ENSG0000(	2779.087	1628.826	0.76984	1.24E-10	6.06E-10	KIAA0100	chr17	-	26941458	26972472	7407
ENSG0000(	157.7989	371.0068	-1.2314	1.49E-08	6.22E-08	GAS7	chr17	-	9813926	10101868	8181
ENSG0000(	162.255	745.619	-2.1886	3.53E-17	2.61E-16	TRAPPC6A	chr19	-	45666186	45681495	805
ENSG0000(	0.72616	537.6553	-9.0444	2.43E-29	3.02E-28	MATK	chr19	-	3777971	3802127	2133
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CEACAM7	chr19	-	42177235	42210895	2489
ENSG0000(	0.342542	9.044717	-3.7002	0.008906	0.018903	CD79B	chr17	-	62006100	62009714	1269
ENSG0000(	0.632843	185.3246	-7.5809	1.46E-19	1.20E-18	SCN4A	chr17	-	62015914	62050278	7805
ENSG0000(	142.34	125.77	0.17914	0.34359	0.44759	ST7L	chr1	-	1.13E+08	1.13E+08	4528
ENSG0000(	0	3.137654	-3.0959	0.046868	0.084094	TKTL1	chrX	+	1.54E+08	1.54E+08	2642
ENSG0000(	89.51743	40.08665	1.1395	0.015646	0.031573	PAX6	chr11	-	31806340	31839509	6922
ENSG0000(	636.3923	906.2418	-0.50844	0.000756	0.001911	RPUSD1	chr16	-	834974	838397	2159
ENSG0000(	1778.715	915.4276	0.95641	2.20E-14	1.39E-13	RHBDF1	chr16	-	108058	126354	2992
ENSG0000(	1072.541	1169.082	-0.12405	0.43742	0.54297	LUC7L	chr16	-	238968	279462	2737
ENSG0000(	34.47109	781.4225	-4.4795	3.39E-72	1.26E-70	CACNA2D2	chr3	-	50400233	50541675	5500
ENSG0000(	9.18939	261.4577	-4.7348	2.34E-30	3.02E-29	BAIAP3	chr16	+	1383602	1399439	4678
ENSG0000(	1109.826	961.5206	0.2063	0.10766	0.17189	TSR3	chr16	-	1399241	1401912	1243
ENSG0000(	1295.161	677.4008	0.93323	1.48E-07	5.69E-07	PIGQ	chr16	+	616995	634136	3006
ENSG0000(	402.5789	356.2377	0.17509	0.22839	0.32149	CRAMP1L	chr16	+	1662326	1727909	7772
ENSG0000(	1046.114	1226.324	-0.22925	0.035098	0.065308	TEAD3	chr6	-	35441374	35464853	2983
ENSG0000(	868.8681	1320.267	-0.60233	0.000244	0.000661	DNAJC11	chr1	-	6694228	6761984	3311
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	FMO3	chr1	+	1.71E+08	1.71E+08	2087
ENSG0000(	218.7319	950.902	-2.1141	2.20E-46	4.54E-45	MYLIP	chr6	+	16129356	16148479	2796

ENSG0000(	2.188831	4.76996	-0.97026	0.38254	0.48671	NOX1	chrX	-	1E+08	1E+08	2529
ENSG0000(	131.2129	285.4238	-1.1144	1.10E-08	4.67E-08	E2F2	chr1	-	23832922	23857712	5191
ENSG0000(	1907.917	2190.624	-0.19896	0.09408	0.15348	PSMB1	chr6	-	1.71E+08	1.71E+08	1939
ENSG0000(	36.15307	111.7206	-1.612	2.82E-09	1.25E-08	SYN1	chrX	-	47431303	47479252	3203
ENSG0000(	871.5089	10672.37	-3.6121	0	0	JARID2	chr6	+	15246527	15522252	5755
ENSG0000(	331.5838	68.24209	2.2709	2.30E-23	2.25E-22	CDKL5	chrX	+	18443703	18671749	3459
ENSG0000(	6.724028	7.625169	-0.17973	0.81438	0.86966	CAMK1G	chr1	+	2.1E+08	2.1E+08	2612
ENSG0000(	5.488253	7.73769	-0.4955	0.53843	0.63912	CDK11A	chr1	-	1634169	1655766	2653
ENSG0000(	1065.78	1964.964	-0.88131	6.69E-17	4.87E-16	NADK	chr1	-	1682671	1711896	3663
ENSG0000(	394.4598	0.343138	9.1676	2.97E-22	2.77E-21	TFAP2B	chr6	+	50786436	50815326	5797
ENSG0000(	0.685084	0	0.85004	0.63064	NA	TFAP2D	chr6	+	50681541	50740701	1711
ENSG0000(	4.595998	12.98433	-1.4327	0.042236	0.076891	DLEC1	chr3	+	38080696	38165516	6426
ENSG0000(	1090.995	489.6812	1.1513	6.81E-08	2.69E-07	CYTH3	chr7	-	6201407	6312275	4505
ENSG0000(	102.33	240.7984	-1.2346	8.64E-11	4.29E-10	ADAM22	chr7	+	87563458	87832204	9334
ENSG0000(	765.568	792.1479	-0.04867	0.67196	0.75438	SYPL1	chr7	-	1.06E+08	1.06E+08	2151
ENSG0000(	212.476	863.1338	-2.0172	6.19E-34	9.12E-33	CYB561	chr17	-	61509665	61523739	3200
ENSG0000(	1962.467	679.7712	1.5273	4.29E-31	5.72E-30	SPAG9	chr17	-	49039535	49198226	8273
ENSG0000(	271.3235	1625.423	-2.5763	1.42E-44	2.80E-43	CELSR3	chr3	-	48673902	48700348	11971
ENSG0000(	572.5001	2109.75	-1.8799	6.84E-54	1.73E-52	AASS	chr7	-	1.22E+08	1.22E+08	3233
ENSG0000(	11.43127	579.3943	-5.5971	5.75E-53	1.43E-51	PLEKHG6	chr12	+	6419602	6437672	3111
ENSG0000(	168.0866	359.6874	-1.0948	2.32E-08	9.57E-08	SS18L2	chr3	+	42623332	42636606	1047
ENSG0000(	106.1041	144.915	-0.44964	0.11681	0.18457	MPND	chr19	+	4343524	4360083	1611
ENSG0000(	302.7968	2336.397	-2.9431	1.78E-84	8.08E-83	MGST1	chr12	+	16500076	16762193	2152
ENSG0000(	413.3804	363.6671	0.18365	0.23921	0.33384	CRY1	chr12	-	1.07E+08	1.07E+08	3834
ENSG0000(	7.022889	8.326014	-0.21792	0.7592	0.82506	PGLYRP1	chr19	-	46522411	46526323	720
ENSG0000(	3478.637	13.4424	7.9658	3.87E-224	1.07E-221	NFIX	chr19	+	13106422	13209610	5530
ENSG0000(	1081.535	144.1928	2.9037	1.38E-103	8.41E-102	ST3GAL1	chr8	-	1.34E+08	1.35E+08	6967
ENSG0000(	28.76531	1371.012	-5.5493	4.21E-153	4.99E-151	MMP25	chr16	+	3096682	3110727	3554
ENSG0000(	9.874474	20.41768	-1.0063	0.071112	0.12077	IL32	chr16	+	3115298	3131908	1381
ENSG0000(	4871.512	1454.813	1.736	4.44E-14	2.74E-13	PKD1	chr16	-	2138711	2185899	14138
ENSG0000(	15.30111	116.7317	-2.8899	6.55E-14	4.00E-13	MAPK8IP2	chr22	+	51039114	51052409	5595
ENSG0000(	2114.732	2717.759	-0.36167	3.62E-05	0.000109	MED24	chr17	-	38175350	38217468	3896
ENSG0000(	802.1546	157.7034	2.3366	1.35E-38	2.28E-37	RHOBTB2	chr8	+	22844930	22877712	5451
ENSG0000(	481.1181	330.7191	0.54026	0.000308	0.000823	HEATR5B	chr2	-	37195526	37311485	6905
ENSG0000(	1962.716	1052.122	0.89575	0.000212	0.000578	SEC62	chr3	+	1.7E+08	1.7E+08	6568
ENSG0000(	7245.47	11037.34	-0.60673	8.08E-11	4.03E-10	RPS20	chr8	-	56979854	56987069	1826
ENSG0000(	10031.68	10916.36	-0.12173	0.25576	0.35308	CSDE1	chr1	-	1.15E+08	1.15E+08	4167
ENSG0000(	2358.97	1591.455	0.56757	4.81E-09	2.09E-08	UBE3C	chr7	+	1.57E+08	1.57E+08	5229
ENSG0000(	501.232	132.8746	1.9133	2.10E-18	1.63E-17	REV3L	chr6	-	1.12E+08	1.12E+08	10964
ENSG0000(	30.00867	174.0874	-2.5118	1.86E-15	1.25E-14	TENM1	chrX	-	1.24E+08	1.24E+08	12891
ENSG0000(	6.566328	98.63662	-3.8438	4.50E-12	2.44E-11	PAX7	chr1	+	18957500	19075360	5538
ENSG0000(	53.92296	98.84079	-0.86617	0.000745	0.001884	MASP2	chr1	-	11086580	11107290	2439
ENSG0000(	126.1629	170.0459	-0.42856	0.053307	0.094033	FAM76A	chr1	+	28052490	28089633	3567
ENSG0000(	40.17507	35.10803	0.1923	0.63587	0.72421	TRAF3IP3	chr1	+	2.1E+08	2.1E+08	3302
ENSG0000(	808.3949	595.6461	0.4411	0.000123	0.000348	POMT2	chr14	-	77741299	77787227	5647
ENSG0000(	821.5958	745.5884	0.14042	0.38113	0.48522	VTA1	chr6	+	1.42E+08	1.43E+08	3287
ENSG0000(	0.36308	101.4186	-7.2745	2.00E-12	1.11E-11	MLXIPL	chr7	-	73007524	73038873	3278
ENSG0000(	3025.304	2208.718	0.45358	2.22E-05	6.84E-05	BAZ1B	chr7	-	72854728	72936608	6102
ENSG0000(	841.9789	667.0081	0.33553	0.032405	0.060787	RANBP9	chr6	-	13621730	13711796	3113
ENSG0000(	0.705622	15.39844	-4.0686	7.93E-05	0.000229	ETV7	chr6	-	36322419	36356164	2157
ENSG0000(	223.1086	187.8661	0.24817	0.32122	0.42404	SPRTN	chr1	+	2.31E+08	2.31E+08	3559
ENSG0000(	706.2104	1347.496	-0.93001	9.87E-10	4.55E-09	METTL13	chr1	+	1.72E+08	1.72E+08	3327
ENSG0000(	208.668	64.45139	1.686	2.43E-13	1.44E-12	DYRK4	chr12	+	4671370	4723325	1816
ENSG0000(	1897.811	2407.579	-0.3423	0.049415	0.088069	ZNF207	chr17	+	30677136	30708905	13781
ENSG0000(	3756.003	4249.897	-0.17796	0.055236	0.096979	UQCRC1	chr3	-	48636435	48648409	1985
ENSG0000(	690.5168	451.2268	0.61413	7.37E-07	2.66E-06	STARD3NL	chr7	+	38217824	38270272	3653
ENSG0000(	618.2486	3629.842	-2.5511	2.92E-88	1.42E-86	CD9	chr12	+	6308881	6347425	1554
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	HHATL	chr3	-	42734155	42744319	1865
ENSG0000(	2557.181	4887.276	-0.93291	1.10E-10	5.40E-10	NCAPD2	chr12	+	6602522	6641121	5548
ENSG0000(	654.7241	222.8966	1.5543	2.31E-26	2.54E-25	IFFO1	chr12	-	6647541	6665239	3101
ENSG0000(	2.697468	10.15181	-1.8246	0.025775	0.049611	GIPR	chr19	+	46171502	46186982	3289
ENSG0000(	83.36578	161.9461	-0.94599	0.020735	0.04075	PHF7	chr3	+	52443510	52457657	2130
ENSG0000(	9.12859	50.11398	-2.4158	1.71E-08	7.14E-08	SEMA3G	chr3	-	52467069	52479101	4899
ENSG0000(	4106.209	2233.844	0.87707	2.76E-12	1.52E-11	NISCH	chr3	+	52489134	52527087	5350
ENSG0000(	7.946847	18.5612	-1.2009	0.034175	0.063788	STAB1	chr3	+	52529354	52558511	7928

ENSG0000(	132.2786	345.3018	-1.3782	4.21E-11	2.14E-10	FUZ	chr19	-	50310126	50320633	1675
ENSG0000(	0.632843	2.08555	-1.2591	0.4134	0.51826	SLC6A13	chr12	-	329789	372039	2185
ENSG0000(	2561.552	259.2456	3.2957	2.11E-75	8.30E-74	IDS	chrX	-	1.49E+08	1.49E+08	7619
ENSG0000(	1.794862	0.98329	0.63736	0.67462	0.75628	PRSS3	chr9	+	33750515	33799230	966
ENSG0000(	157.2513	214.6618	-0.44579	0.06872	0.11724	ZNF200	chr16	-	3272325	3286221	4308
ENSG0000(	46.40162	15.71815	1.5345	0.000267	0.000719	CD4	chr12	+	6896024	6929974	3114
ENSG0000(	80.91639	26.9641	1.5694	4.48E-05	0.000133	LRRC23	chr12	+	6982733	7023407	1629
ENSG0000(	1.555988	2.901332	-0.75477	0.54154	0.64212	BTK	chrX	-	1.01E+08	1.01E+08	2579
ENSG0000(	252.6479	21.11369	3.5611	3.87E-45	7.74E-44	HFE	chr6	+	26087509	26098571	5286
ENSG0000(	683.6796	331.5809	1.0416	1.55E-16	1.10E-15	SCMH1	chr1	-	41492872	41707826	3346
ENSG0000(	526.498	942.1767	-0.83784	1.55E-06	5.44E-06	FYN	chr6	-	1.12E+08	1.12E+08	3628
ENSG0000(	615.0163	334.0665	0.87756	2.54E-05	7.76E-05	HIVEP2	chr6	-	1.43E+08	1.43E+08	9723
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	FMO1	chr1	+	1.71E+08	1.71E+08	3130
ENSG0000(	868.0406	943.9306	-0.1202	0.53246	0.63357	TCEB3	chr1	+	24069645	24088549	5154
ENSG0000(	1190.975	2873.664	-1.2691	3.76E-29	4.64E-28	LYPLA2	chr1	+	24117460	24122029	1810
ENSG0000(	1234.331	543.9954	1.178	8.72E-08	3.42E-07	CLCN6	chr1	+	11866207	11903201	5583
ENSG0000(	20736.85	1300.127	3.9912	3.04E-278	1.24E-275	MRC2	chr17	+	60704762	60770958	5988
ENSG0000(	1.866827	0.594029	1.2154	0.42422	0.52954	SLC6A7	chr5	+	1.5E+08	1.5E+08	3739
ENSG0000(	4000.799	846.9886	2.2365	7.60E-81	3.22E-79	TSPAN9	chr12	+	3186521	3395730	4323
ENSG0000(	1112.844	499.8697	1.1525	7.56E-23	7.25E-22	BTBD7	chr14	-	93703896	93799438	8430
ENSG0000(	326.104	337.7586	-0.05047	0.77732	0.83999	APBA3	chr19	-	3750817	3761697	4250
ENSG0000(	205.1972	332.7558	-0.69534	5.28E-06	1.75E-05	MKS1	chr17	-	56282803	56296966	2392
ENSG0000(	78.47769	114.5434	-0.5401	0.020661	0.040621	ABHD5	chr3	+	43731605	43775863	1690
ENSG0000(	3725.618	678.7407	2.4458	6.00E-24	6.01E-23	KAL1	chrX	-	8496915	8700227	6314
ENSG0000(	478.035	723.7932	-0.59824	0.000452	0.001184	AKAP8L	chr19	-	15490861	15529952	2749
ENSG0000(	359.012	1289.45	-1.8411	7.34E-49	1.63E-47	MBTD1	chr17	-	49254786	49337524	5382
ENSG0000(	705.197	1317.557	-0.90154	5.31E-18	4.08E-17	UTP18	chr17	+	49337889	49375297	1894
ENSG0000(	1481.052	1135.774	0.38209	0.013415	0.027477	RNF216	chr7	-	5659678	5821370	5639
ENSG0000(	686.7267	1449.237	-1.0767	1.03E-24	1.07E-23	TTC19	chr17	+	15902694	15948329	3075
ENSG0000(	9737.754	15865.29	-0.70321	1.04E-07	4.07E-07	PTBP1	chr19	+	797075	812327	4661
ENSG0000(	112.8726	189.8609	-0.74131	0.030172	0.057041	DPF1	chr19	-	38701646	38720354	2341
ENSG0000(	300.1448	589.4714	-0.96791	0.00075	0.001898	SYT7	chr11	-	61282785	61348620	4854
ENSG0000(	795.9189	1314.989	-0.72328	2.34E-08	9.61E-08	LARS2	chr3	+	45429998	45590913	4744
ENSG0000(	1671.454	1129.959	0.56298	0.014357	0.029198	PIK3C2A	chr11	-	17099277	17229530	8227
ENSG0000(	2462.48	254.3533	3.2694	2.92E-133	2.72E-131	PLAUR	chr19	-	44150247	44174699	1610
ENSG0000(	1534.985	1201.184	0.35386	0.020377	0.040119	ANLN	chr7	+	36429415	36493400	4787
ENSG0000(	2299.415	1478.949	0.63606	2.98E-08	1.21E-07	WIZ	chr19	-	15530792	15560762	6738
ENSG0000(	1069.196	639.753	0.74018	4.62E-11	2.35E-10	RABGAP1	chr9	+	1.26E+08	1.26E+08	4997
ENSG0000(	3599.287	0	12.845	4.52E-34	6.70E-33	DCN	chr12	-	91539025	91576900	2924
ENSG0000(	307.3722	342.613	-0.15388	0.32536	0.42828	QPCTL	chr19	+	46195741	46207247	2310
ENSG0000(	1598.758	1831.34	-0.19546	0.05383	0.094858	PPP5C	chr19	+	46850251	46896238	4675
ENSG0000(	327.1449	653.3041	-0.99532	9.15E-11	4.54E-10	CEP68	chr2	+	65283500	65314138	5847
ENSG0000(	518.8596	806.014	-0.63473	1.17E-05	3.72E-05	MAP4K3	chr2	-	39476407	39664453	4362
ENSG0000(	1.681007	12.80708	-2.7569	0.001581	0.003802	ZBTB32	chr19	+	36195429	36207940	2068
ENSG0000(	10.66485	0	5.0372	5.18E-05	0.000153	TYROBP	chr19	-	36395303	36399197	615
ENSG0000(	217.4118	525.89	-1.2697	1.53E-08	6.39E-08	TMEM159	chr16	+	21169698	21191937	2014
ENSG0000(	4.689314	109.0411	-4.4835	6.70E-23	6.44E-22	GABRA3	chrX	-	1.51E+08	1.52E+08	3712
ENSG0000(	416.3896	681.1778	-0.70795	7.32E-07	2.65E-06	BRCA1	chr17	-	41196312	41322290	7114
ENSG0000(	1542.661	556.4915	1.4683	1.71E-27	1.98E-26	ERCC1	chr19	-	45910591	45982086	3828
ENSG0000(	0	4.225344	-3.3111	0.038939	0.071669	CD22	chr19	+	35810164	35838258	3268
ENSG0000(	221.0129	125.9135	0.8036	0.000505	0.001311	SEMA3B	chr3	+	50304990	50314977	3283
ENSG0000(	523.5932	192.7837	1.4407	1.61E-22	1.52E-21	MBTPS2	chrX	+	21857754	21903542	4457
ENSG0000(	196.1555	155.3129	0.3324	0.32394	0.42694	PRICKLE3	chrX	-	49031151	49042845	2814
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	LTF	chr3	-	46477136	46526724	2979
ENSG0000(	2820.29	3175.134	-0.17083	0.20867	0.29864	EXTL3	chr8	+	28457986	28613116	8257
ENSG0000(	3280.549	2785.183	0.23594	0.040872	0.074766	ELOVL5	chr6	-	53132196	53213947	3070
ENSG0000(	2.967231	30.09697	-3.2025	9.68E-06	3.11E-05	ALOX5	chr10	+	45869661	45941561	2504
ENSG0000(	1074.672	827.4025	0.37655	0.00034	0.000903	KDM5D	chrY	-	21865751	21906825	5579
ENSG0000(	922.5286	248.3589	1.8885	2.33E-31	3.14E-30	CALCOCO1	chr12	-	54104903	54121529	3888
ENSG0000(	399.6494	514.892	-0.36462	0.030933	0.058272	UBR7	chr14	+	93673401	93695561	3694
ENSG0000(	1217.053	400.2045	1.6025	4.82E-21	4.26E-20	MAP4K5	chr14	-	50885219	51027844	4812
ENSG0000(	1659.497	448.3137	1.8856	1.51E-61	4.50E-60	EHD3	chr2	+	31456880	31492313	4636
ENSG0000(	2142.572	1852.314	0.20983	0.24588	0.34171	PSMC4	chr19	+	40476912	40487348	1623
ENSG0000(	1606.109	286.488	2.4818	2.62E-61	7.79E-60	MAN2B2	chr4	+	6576902	6625089	7719
ENSG0000(	0.36308	5.45382	-3.2422	0.015422	0.031169	SLC7A14	chr3	-	1.7E+08	1.7E+08	5122

ENSG0000(	52.74301	206.7475	-1.9585	4.75E-13	2.76E-12	CLDN11	chr3	+	1.7E+08	1.71E+08	2169
ENSG0000(	1716.117	4035.648	-1.2326	7.39E-40	1.29E-38	SLC25A39	chr17	-	42396993	42402238	2217
ENSG0000(	3366.834	267.2065	3.5359	2.38E-08	9.78E-08	MVP	chr16	+	29831715	29859355	2865
ENSG0000(	659.5932	545.7935	0.27308	0.038356	0.070717	NUB1	chr7	+	1.51E+08	1.51E+08	3210
ENSG0000(	1671.321	563.132	1.5677	4.53E-25	4.74E-24	PGM3	chr6	-	83870869	83903655	6107
ENSG0000(	124.9537	87.94524	0.50525	0.075575	0.12722	RWDD2A	chr6	+	83903098	83906382	2192
ENSG0000(	329.2134	223.3839	0.55401	0.13713	0.21047	CLK1	chr2	-	2.02E+08	2.02E+08	3208
ENSG0000(	153.2267	202.5975	-0.39831	0.15744	0.23667	POLR3B	chr12	+	1.07E+08	1.07E+08	4273
ENSG0000(	414.963	653.108	-0.65265	0.000124	0.000348	ANGEL1	chr14	-	77253588	77292589	4109
ENSG0000(	545.4208	193.1811	1.4935	4.75E-17	3.48E-16	RNF14	chr5	+	1.41E+08	1.41E+08	4235
ENSG0000(	121.3425	44.12757	1.4542	2.17E-09	9.70E-09	DNASE1L1	chrX	-	1.54E+08	1.54E+08	3008
ENSG0000(	702.9136	1670.313	-1.2468	6.73E-23	6.47E-22	DDX11	chr12	+	31226779	31257725	4182
ENSG0000(	299.7502	358.6142	-0.25795	0.28448	0.38587	HEBP1	chr12	-	13127798	13153207	2056
ENSG0000(	4.875134	14.32532	-1.4868	0.027525	0.052614	GPRC5A	chr12	+	13043716	13070871	7362
ENSG0000(	395.3733	5.765404	6.062	4.41E-58	1.22E-56	MAMLD1	chrX	+	1.5E+08	1.5E+08	4854
ENSG0000(	20.12221	7.82752	1.3076	0.05523	0.096979	CD6	chr11	+	60739115	60787849	3252
ENSG0000(	1480.072	3161.633	-1.094	3.09E-30	3.97E-29	TACC3	chr4	+	1723227	1746898	2781
ENSG0000(	776.0004	295.2174	1.3941	1.21E-18	9.54E-18	UFL1	chr6	+	96969471	97003152	4224
ENSG0000(	639.9482	688.7326	-0.10574	0.44479	0.55038	POLA2	chr11	+	65029233	65073060	3744
ENSG0000(	617.1042	772.8062	-0.32475	0.015494	0.031288	ZC3H3	chr8	-	1.45E+08	1.45E+08	3280
ENSG0000(	3133.101	4233.976	-0.43422	2.08E-06	7.21E-06	CAPN1	chr11	+	64948037	64979477	3086
ENSG0000(	4.035933	21.99903	-2.3841	0.000131	0.000368	ACPP	chr3	+	1.32E+08	1.32E+08	3125
ENSG0000(	1689.372	2083.76	-0.302	0.010833	0.0226	MDH1	chr2	+	63815743	63834331	1650
ENSG0000(	1206.175	1124.933	0.1011	0.5333	0.63427	SLC30A9	chr4	+	41992489	42089551	3295
ENSG0000(	402.2492	103.2273	1.9494	1.09E-15	7.43E-15	MTMR11	chr1	-	1.5E+08	1.5E+08	3332
ENSG0000(	548.7618	580.1409	-0.07938	0.53117	0.6325	COX15	chr10	-	1.01E+08	1.01E+08	2788
ENSG0000(	47.17065	1964.756	-5.3685	2.01E-188	3.81E-186	CCDC88C	chr14	-	91737667	91884188	7474
ENSG0000(	243.2168	11.49764	4.3605	1.22E-41	2.24E-40	YAF2	chr12	-	42550906	42632151	5095
ENSG0000(	1430.813	541.9098	1.3998	5.14E-32	7.09E-31	ZMYND11	chr10	+	180405	300577	4393
ENSG0000(	7.645381	9.480101	-0.30432	0.6781	0.75893	WAS	chrX	+	48534985	48549818	1849
ENSG0000(	0	11.6199	-5.0538	0.000109	0.000309	DPEP1	chr16	+	89679716	89704839	1772
ENSG0000(	535.9213	509.8537	0.07209	0.58158	0.67795	BID	chr22	-	18216906	18257536	2493
ENSG0000(	4896.424	7434.504	-0.60096	0.000575	0.001479	MATR3	chr5	+	1.39E+08	1.39E+08	7306
ENSG0000(	5.092656	5.378559	-0.0523	0.95001	0.9688	NPC1L1	chr7	-	44552134	44580914	5048
ENSG0000(	1522.412	1089.589	0.48031	0.038028	0.070182	XYLT2	chr17	+	48423453	48440499	3507
ENSG0000(	17.79222	12.8338	0.45906	0.36292	0.46707	RGPD5	chr2	+	1.11E+08	1.11E+08	7253
ENSG0000(	0.72616	0.640152	0.083249	0.96152	NA	STMN4	chr8	-	27092840	27115937	2288
ENSG0000(	1983.479	1330.299	0.57618	4.94E-09	2.15E-08	NUDCD3	chr7	-	44421969	44530479	5007
ENSG0000(	11.62826	3.353702	1.7038	0.03895	0.07168	ISL1	chr5	+	50678921	50690564	2755
ENSG0000(	52.62378	220.8954	-2.0583	9.12E-20	7.61E-19	CHDH	chr3	-	53850387	53880417	3640
ENSG0000(	2.137404	20.1441	-3.1078	0.000166	0.00046	IL20RA	chr6	-	1.37E+08	1.37E+08	3503
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CLCA1	chr1	+	86934051	86965972	3310
ENSG0000(	1062.261	464.5729	1.1917	6.79E-20	5.69E-19	GLT8D1	chr3	-	52728505	52740048	2320
ENSG0000(	1384.904	1275.749	0.1189	0.26254	0.36072	ATP2C1	chr3	+	1.31E+08	1.31E+08	5067
ENSG0000(	10.04057	326.5108	-4.9653	7.35E-55	1.89E-53	SRCIN1	chr17	-	36686251	36762183	7058
ENSG0000(	1.919068	2.307303	-0.22067	0.84944	0.89425	IGF1	chr12	-	1.03E+08	1.03E+08	7370
ENSG0000(	64.42433	528.8121	-3.0145	1.29E-23	1.28E-22	SLC38A5	chrX	-	48316920	48328644	2662
ENSG0000(	32.08706	9.304472	1.7461	0.001243	0.003037	MAGIX	chrX	+	49019061	49024822	2991
ENSG0000(	1836.909	2807.235	-0.61111	2.65E-05	8.09E-05	RALBP1	chr18	+	9475007	9538114	4368
ENSG0000(	1024.463	683.2705	0.58203	0.001445	0.003499	RUFY3	chr4	+	71569921	71673032	4233
ENSG0000(	442.6733	114.8859	1.9403	2.72E-33	3.93E-32	CNTN1	chr12	+	41086244	41466220	5557
ENSG0000(	7.334542	3.420099	0.99155	0.26677	0.3655	SLC11A1	chr2	+	2.19E+08	2.19E+08	5772
ENSG0000(	6616.883	348.6359	4.242	0	0	WWTR1	chr3	-	1.49E+08	1.49E+08	5030
ENSG0000(	885.6586	667.3827	0.40789	0.00134	0.00326	AGPS	chr2	+	1.78E+08	1.78E+08	7764
ENSG0000(	0	1.66715	-1.9695	0.25993	NA	ZNF806	chr2	+	1.33E+08	1.33E+08	1774
ENSG0000(	205.6202	356.503	-0.79197	2.06E-06	7.14E-06	CXorf56	chrX	-	1.19E+08	1.19E+08	2372
ENSG0000(	11.29346	404.8485	-4.9273	5.33E-12	2.88E-11	ATP1A2	chr1	+	1.6E+08	1.6E+08	5421
ENSG0000(	395.5829	446.0854	-0.17271	0.19458	0.28224	TTC27	chr2	+	32853099	33046118	2876
ENSG0000(	24.52221	57.96486	-1.2179	0.00222	0.005212	ZNF582	chr19	-	56887413	56904914	2824
ENSG0000(	2.883288	0	2.9964	0.054348	0.095606	VSIG2	chr11	-	1.25E+08	1.25E+08	1191
ENSG0000(	3930.879	1282.537	1.6139	3.86E-49	8.61E-48	PHLDB1	chr11	+	1.18E+08	1.19E+08	5945
ENSG0000(	0.290301	0	0.4146	0.81455	NA	MARCO	chr2	+	1.2E+08	1.2E+08	1843
ENSG0000(	8.018812	0	4.5898	0.000471	0.001228	CYP24A1	chr20	-	52769988	52790512	3262
ENSG0000(	124.7535	82.26133	0.59814	0.081538	0.13578	PRDM11	chr11	+	45115564	45247734	3111
ENSG0000(	12.0633	259.4393	-4.3385	9.44E-24	9.40E-23	SYT13	chr11	-	45261852	45307870	5144

ENSG0000(	1534.853	7.125803	7.7142	2.65E-117	1.96E-115	SNAI2	chr8	-	49830249	49834299	2204
ENSG0000(	77.96195	319.275	-2.0285	4.01E-16	2.79E-15	CD74	chr5	-	1.5E+08	1.5E+08	1727
ENSG0000(	71.23727	2.901332	4.4734	5.54E-16	3.84E-15	HGF	chr7	-	81328322	81399754	5989
ENSG0000(	573.1222	456.5766	0.32761	0.010017	0.021062	ZRANB1	chr10	+	1.27E+08	1.27E+08	5695
ENSG0000(	803.5246	1028.353	-0.35352	0.17532	0.25855	NCDN	chr1	+	36023074	36032875	3683
ENSG0000(	4774.915	345.0728	3.784	5.74E-191	1.15E-188	GPR124	chr8	+	37641709	37702414	6270
ENSG0000(	0.290301	0.937167	-0.88973	0.60765	NA	CCT8L1P	chr7	+	1.52E+08	1.52E+08	1674
ENSG0000(	841.6512	539.8082	0.63859	0.000641	0.001639	ZFP64	chr20	-	50668202	50820847	3264
ENSG0000(	298.5974	286.261	0.061005	0.68786	0.76727	MNAT1	chr14	+	61201460	61436671	2635
ENSG0000(	689.8605	276.3322	1.313	1.39E-06	4.90E-06	SAMD4A	chr14	+	55033815	55260033	6565
ENSG0000(	12.57455	47.00151	-1.8663	0.000273	0.000735	RUNX3	chr1	-	25226002	25291612	4340
ENSG0000(	260.2451	334.7619	-0.36202	0.041576	0.075807	MRE11A	chr11	-	94152895	94227074	2746
ENSG0000(	44.48256	30.98218	0.52028	0.12407	0.19414	PLEKHB1	chr11	+	73357223	73373864	2380
ENSG0000(	96.32361	222.8088	-1.2085	6.75E-07	2.45E-06	SERPINB1	chr6	-	2832566	2842240	2619
ENSG0000(	0	2.96444	-3.0301	0.051371	0.091078	CYP3A43	chr7	+	99425636	99463718	1848
ENSG0000(	1.411244	1.606458	-0.17668	0.90324	0.93306	SLC7A9	chr19	-	33321415	33360672	1998
ENSG0000(	398.8772	443.6089	-0.15363	0.32412	0.42702	SPAST	chr2	+	32288680	32382706	5117
ENSG0000(	88.73741	69.5604	0.3526	0.16423	0.245	NRXN3	chr14	+	78708734	80330762	6446
ENSG0000(	1135.993	312.4917	1.8557	1.52E-21	1.38E-20	OSBPL5	chr11	-	3108346	3187969	3889
ENSG0000(	836.8021	1465.232	-0.80774	2.96E-13	1.74E-12	AQR	chr15	-	35147732	35262040	5945
ENSG0000(	109.651	48.00333	1.1838	1.08E-06	3.83E-06	CPS1	chr2	+	2.11E+08	2.12E+08	5821
ENSG0000(	0.36308	0	0.4146	0.81455	NA	C8B	chr1	-	57394883	57431813	2379
ENSG0000(	1424.903	615.3067	1.21	1.26E-19	1.04E-18	FHL1	chrX	+	1.35E+08	1.35E+08	2888
ENSG0000(	942.6603	710.133	0.40813	0.000328	0.000873	RTFDC1	chr20	+	55043647	55093943	2193
ENSG0000(	8.134294	14.67329	-0.8257	0.30119	0.40267	GABRA1	chr5	+	1.61E+08	1.61E+08	4273
ENSG0000(	20.33557	2320.21	-6.8154	8.27E-175	1.34E-172	NLRP2	chr19	+	55464498	55512510	3744
ENSG0000(	416.0563	680.7345	-0.7078	6.02E-05	0.000176	SLC45A4	chr8	-	1.42E+08	1.42E+08	7483
ENSG0000(	2420.473	2815.723	-0.21797	0.017581	0.035132	RNF10	chr12	+	1.21E+08	1.21E+08	3825
ENSG0000(	238.327	290.1219	-0.28545	0.12262	0.19232	ZNF839	chr14	+	1.03E+08	1.03E+08	3325
ENSG0000(	373.9272	319.1284	0.22824	0.39491	0.49945	ZDHHC6	chr10	-	1.14E+08	1.14E+08	2170
ENSG0000(	383.1971	191.3086	0.99744	5.31E-06	1.76E-05	GRAMD1B	chr11	+	1.23E+08	1.23E+08	7723
ENSG0000(	3060.598	1233.23	1.3096	1.49E-26	1.66E-25	RNH1	chr11	-	494512	507300	3281
ENSG0000(	1689.628	1371.575	0.30057	0.006214	0.013591	NDUFS1	chr2	-	2.07E+08	2.07E+08	5211
ENSG0000(	989.8577	938.4684	0.077431	0.70776	0.7828	RB1CC1	chr8	-	53535016	53658403	6635
ENSG0000(	800.192	519.2514	0.62359	3.13E-08	1.27E-07	ERP44	chr9	-	1.03E+08	1.03E+08	4854
ENSG0000(	981.9224	575.2991	0.7683	7.07E-05	0.000205	ALAS1	chr3	+	52232102	52248343	2430
ENSG0000(	1.016461	3.129532	-1.3525	0.30757	0.40929	BIRC3	chr11	+	1.02E+08	1.02E+08	5197
ENSG0000(	1528.264	508.715	1.5823	8.75E-14	5.29E-13	AKAP11	chr13	+	42846289	42897396	9913
ENSG0000(	173.0955	50.46108	1.7667	2.85E-10	1.37E-09	GLRX2	chr1	-	1.93E+08	1.93E+08	1131
ENSG0000(	55.53796	78.77753	-0.49418	0.084558	0.14014	SNAPC1	chr14	+	62229075	62263146	2656
ENSG0000(	458.2876	298.612	0.6162	4.79E-05	0.000142	DERA	chr12	+	16064106	16190220	1709
ENSG0000(	2657.032	3239.944	-0.28601	0.007796	0.016701	STRAP	chr12	+	16035325	16056412	1866
ENSG0000(	14.23241	5.707127	1.2845	0.054685	0.096115	ABCC2	chr10	+	1.02E+08	1.02E+08	5312
ENSG0000(	172.9794	254.8885	-0.55459	0.039774	0.073012	DEF6	chr6	+	35265595	35289548	2262
ENSG0000(	1139.381	470.8014	1.2716	1.66E-14	1.06E-13	PLEKHO1	chr1	+	1.5E+08	1.5E+08	3743
ENSG0000(	406.268	258.1481	0.65032	0.000468	0.00122	GCLM	chr1	-	94350761	94374966	4857
ENSG0000(	641.9492	524.4512	0.29147	0.060392	0.10497	UBR2	chr6	+	42531800	42661242	7857
ENSG0000(	10268.75	265.4636	5.2512	1.20E-119	9.43E-118	EHD2	chr19	+	48216600	48246391	3585
ENSG0000(	582.7295	514.4607	0.18055	0.33152	0.43468	DEPDC1	chr1	-	68939835	68962904	5331
ENSG0000(	136.8019	137.7184	-0.01156	0.95209	0.97008	CCDC28A	chr6	+	1.39E+08	1.39E+08	1496
ENSG0000(	23.69482	352.2846	-3.8892	1.36E-40	2.44E-39	RRAGD	chr6	-	90074355	90121989	4900
ENSG0000(	249.5507	152.1822	0.71214	0.000461	0.001204	HSF2	chr6	+	1.23E+08	1.23E+08	2643
ENSG0000(	973.7648	1367.236	-0.48808	0.01731	0.034636	PHF20	chr20	+	34359896	34538303	5922
ENSG0000(	5.290455	45.66527	-3.0439	1.55E-08	6.49E-08	HSD17B6	chr12	+	57145945	57181574	1751
ENSG0000(	148.8251	293.4811	-0.97692	9.82E-07	3.51E-06	NR1H3	chr11	+	47269851	47290396	2731
ENSG0000(	23.70615	8.080828	1.5006	0.006919	0.014995	TYMP	chr22	-	50964181	50968485	2049
ENSG0000(	1018.802	1199.877	-0.23511	0.053524	0.09438	NCAPH2	chr22	+	50946645	50961901	2077
ENSG0000(	1126.699	839.8064	0.42412	3.81E-05	0.000114	TOMM34	chr20	-	43570771	43589127	2062
ENSG0000(	2346.043	1363.493	0.78224	1.07E-08	4.53E-08	SEC63	chr6	-	1.08E+08	1.08E+08	6411
ENSG0000(	2049.826	2112.417	-0.04345	0.66025	0.74417	KPNA6	chr1	+	32573639	32642169	7378
ENSG0000(	36714.5	240.1909	7.2374	0	0	VIM	chr10	+	17270258	17279592	2666
ENSG0000(	33.79798	30.11625	0.16201	0.6694	0.75195	RTEL1-TNFF	chr20	+	62290653	62330037	5751
ENSG0000(	99.74896	15.00274	2.6948	4.41E-13	2.57E-12	FAS	chr10	+	90750414	90775542	2563
ENSG0000(	128.0391	401.7454	-1.6377	5.70E-08	2.27E-07	RNASET2	chr6	-	1.67E+08	1.67E+08	2445
ENSG0000(	7256.364	33.70218	7.7444	0	0	CD44	chr11	+	35160417	35253949	4589

ENSG0000(	376.1129	302.939	0.30958	0.18245	0.26735	KCNG1	chr20	-	49620193	49639666	2211
ENSG0000(	694.046	613.196	0.17794	0.11729	0.18517	AGPAT4	chr6	-	1.62E+08	1.62E+08	7865
ENSG0000(	0.975385	0	1.2767	0.47406	NA	SLAMF7	chr1	+	1.61E+08	1.61E+08	3542
ENSG0000(	435.4668	58.50076	2.8755	2.15E-24	2.21E-23	BTN3A1	chr6	+	26402465	26415444	3442
ENSG0000(	310.426	337.5145	-0.11885	0.39838	0.50299	MIPEP	chr13	-	24304328	24463558	2400
ENSG0000(	12.33551	269.119	-4.4424	5.31E-38	8.82E-37	PRKCH	chr14	+	61654277	62017694	3582
ENSG0000(	4.233731	1.309443	1.3893	0.29795	0.39985	INSRR	chr1	-	1.57E+08	1.57E+08	5101
ENSG0000(	284.53	241.4777	0.237	0.29871	0.40046	IFNGR1	chr6	-	1.38E+08	1.38E+08	2139
ENSG0000(	706.3004	336.5068	1.0676	1.97E-09	8.86E-09	B4GALT7	chr5	+	1.77E+08	1.77E+08	2653
ENSG0000(	9.615875	83.3403	-3.0506	4.72E-14	2.91E-13	SH2D2A	chr1	-	1.57E+08	1.57E+08	1673
ENSG0000(	242.6844	141.3916	0.7797	0.000221	0.000602	VRK2	chr2	+	58134786	58387055	2446
ENSG0000(	20.76883	30.7427	-0.56417	0.1537	0.23178	TNFRSF1B	chr1	+	12227060	12269285	3683
ENSG0000(	781.7651	497.9323	0.65085	0.000182	0.000502	VEZT	chr12	+	95611522	95696566	4562
ENSG0000(	496.6961	181.2006	1.4448	5.17E-08	2.06E-07	POU2F2	chr19	-	42590262	42700737	6901
ENSG0000(	1158.278	1016.194	0.18859	0.27651	0.37673	BRD9	chr5	-	850406	892939	4865
ENSG0000(	1609.871	716.0325	1.1679	1.55E-20	1.34E-19	SNX1	chr15	+	64386322	64438289	8119
ENSG0000(	248.0786	282.5576	-0.18515	0.34142	0.44528	TBPL1	chr6	+	1.34E+08	1.34E+08	1295
ENSG0000(	441.9915	244.0377	0.85479	3.63E-06	1.22E-05	ARNTL2	chr12	+	27485787	27576241	4804
ENSG0000(	2721.401	2317.288	0.22659	0.67306	0.75516	BCLAF1	chr6	-	1.37E+08	1.37E+08	7263
ENSG0000(	1242.809	662.2581	0.9077	3.28E-12	1.80E-11	SLC39A9	chr14	+	69864732	69929105	5192
ENSG0000(	14.35743	241.3484	-4.0156	5.43E-24	5.45E-23	ANK1	chr8	-	41510739	41754280	8366
ENSG0000(	4.19005	0.297015	2.8711	0.043928	0.079477	IBSP	chr4	+	88720733	88733074	1033
ENSG0000(	453.1118	284.3247	0.67048	7.68E-06	2.50E-05	TFB1M	chr6	-	1.56E+08	1.56E+08	1424
ENSG0000(	1121.215	735.6045	0.60785	2.92E-07	1.10E-06	RABEP1	chr17	+	5185558	5289129	5387
ENSG0000(	1615.679	6586.429	-2.0245	2.62E-57	7.19E-56	HMGB3	chrX	+	1.5E+08	1.5E+08	3560
ENSG0000(	1114.379	2338.093	-1.0677	2.00E-17	1.49E-16	NUP160	chr11	-	47799639	47870107	5376
ENSG0000(	622.8048	1006.485	-0.6921	2.50E-08	1.03E-07	BAK1	chr6	-	33540329	33548019	2136
ENSG0000(	4.595998	0.715414	2.3119	0.070927	0.12052	MUSK	chr9	+	1.13E+08	1.14E+08	3303
ENSG0000(	13.08058	67.28472	-2.3288	1.12E-09	5.15E-09	IKZF2	chr2	-	2.14E+08	2.14E+08	9405
ENSG0000(	4392.006	2439.409	0.84773	2.01E-13	1.19E-12	GRN	chr17	+	42422614	42430470	2148
ENSG0000(	162.5984	166.032	-0.02905	0.93422	0.9569	FAM13B	chr5	-	1.37E+08	1.37E+08	5465
ENSG0000(	1737.342	348.9052	2.3064	2.03E-25	2.16E-24	ARHGAP31	chr3	+	1.19E+08	1.19E+08	9317
ENSG0000(	4.430716	12.05528	-1.3936	0.072703	0.1231	NR2E3	chr15	+	72084977	72110600	2102
ENSG0000(	96.10846	170.7163	-0.8222	0.007121	0.015391	CENPQ	chr6	+	49431091	49460820	1733
ENSG0000(	2529.809	2226.026	0.1848	0.09456	0.15408	SARS	chr1	+	1.1E+08	1.1E+08	1882
ENSG0000(	1439.247	1575.829	-0.13025	0.32245	0.42537	RANBP3	chr19	-	5916150	5978153	3233
ENSG0000(	393.1998	182.2625	1.1085	4.59E-08	1.84E-07	ARID4A	chr14	+	58765103	58840605	5891
ENSG0000(	440.8645	435.076	0.018311	0.88991	0.92348	TSSC1	chr2	-	3192696	3381653	2932
ENSG0000(	1610.201	2350.269	-0.54458	0.001189	0.002914	PNPLA6	chr19	+	7598890	7626650	4617
ENSG0000(	127.6282	49.76105	1.3595	4.37E-08	1.76E-07	IFT88	chr13	+	21140585	21265503	3931
ENSG0000(	299.7751	269.1288	0.15543	0.54571	0.64592	ALG1	chr16	+	5083703	5137380	2671
ENSG0000(	327.3544	464.8213	-0.50273	0.000536	0.001384	ZCCHC8	chr12	-	1.23E+08	1.23E+08	4393
ENSG0000(	1240.6	1013.554	0.29095	0.11305	0.17935	ABCF2	chr7	-	1.51E+08	1.51E+08	3546
ENSG0000(	3232.178	570.3435	2.4956	1.86E-41	3.38E-40	CHPF2	chr7	+	1.51E+08	1.51E+08	3973
ENSG0000(	11.08955	19.23936	-0.78645	0.14198	0.21646	LRRC7	chr1	+	70034081	70617628	6507
ENSG0000(	926.9976	361.5208	1.3564	1.88E-29	2.35E-28	FUT8	chr14	+	65877310	66210839	5166
ENSG0000(	1142.448	554.9209	1.0416	1.02E-20	8.87E-20	UBA6	chr4	-	68481479	68566897	6455
ENSG0000(	913.9969	462.1449	0.9794	2.43E-05	7.46E-05	GAB2	chr11	-	77926343	78129394	6092
ENSG0000(	639.272	522.9461	0.28854	0.03646	0.067578	ATP6V0A1	chr17	+	40610862	40674629	4652
ENSG0000(	391.5146	365.479	0.1002	0.63139	0.72069	PIAS1	chr15	+	68346517	68483096	2932
ENSG0000(	1689.738	1278.042	0.40106	0.063447	0.10951	SLC4A7	chr3	-	27414214	27525911	7757
ENSG0000(	792.6309	720.8369	0.13713	0.22871	0.32185	APBA2	chr15	+	29129629	29410518	4031
ENSG0000(	2756.679	1342.486	1.0307	0.0006	0.00154	UHRF1	chr19	+	4903092	4962165	4308
ENSG0000(	554.5251	808.4788	-0.54272	6.40E-06	2.11E-05	MAP2K3	chr17	+	21187984	21218552	2401
ENSG0000(	4.148974	3.445948	0.25131	0.83151	0.88118	EFCAB1	chr8	-	49623348	49647870	2286
ENSG0000(	24713.42	7674.926	1.686	7.67E-74	2.94E-72	TMSB10	chr2	+	85132749	85133795	492
ENSG0000(	84.11573	78.63338	0.09603	0.71981	0.79279	ASTE1	chr3	-	1.31E+08	1.31E+08	2669
ENSG0000(	291.136	129.8659	1.1626	3.49E-09	1.54E-08	RNF19A	chr8	-	1.01E+08	1.01E+08	4330
ENSG0000(	127.6025	95.93113	0.41226	0.13737	0.21067	PEX3	chr6	+	1.44E+08	1.44E+08	1969
ENSG0000(	1441.723	534.7373	1.4296	2.60E-41	4.71E-40	GABARAPL2	chr16	+	75600249	75611779	2274
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	MYOC	chr1	-	1.72E+08	1.72E+08	2083
ENSG0000(	439.7881	212.4991	1.043	5.74E-09	2.48E-08	SH3YL1	chr2	-	217730	266398	3540
ENSG0000(	493.4199	983.7172	-0.9923	6.56E-08	2.60E-07	FAM136A	chr2	-	70523107	70529222	2398
ENSG0000(	7813.25	6525.287	0.25959	0.05201	0.092076	VCL	chr10	+	75757872	75879918	5482
ENSG0000(	147.5828	734.3402	-2.3083	1.09E-40	1.94E-39	DEPDC1B	chr5	-	59892739	59996017	2499

ENSG0000(	6.692325	7.472229	-0.16646	0.82099	0.87413	DAPK2	chr15	-	64199235	64364232	4835
ENSG0000(	635.5041	538.3516	0.23928	0.22365	0.31606	NSMAF	chr8	-	59496063	59572403	3569
ENSG0000(	492.8228	1038.261	-1.0733	1.37E-17	1.04E-16	ADSS	chr1	-	2.45E+08	2.45E+08	2780
ENSG0000(	0.923144	1.40169	-0.41652	0.7848	0.84587	STAP1	chr4	+	68424446	68473055	1511
ENSG0000(	12948.95	788.0218	4.0326	8.52E-196	1.81E-193	TIMP2	chr17	-	76849059	76921469	3652
ENSG0000(	1203.692	1659.988	-0.46253	0.000156	0.000433	RFC1	chr4	-	39289076	39367995	4886
ENSG0000(	697.838	621.5081	0.16757	0.35918	0.46336	TBC1D23	chr3	+	99979844	1E+08	4054
ENSG0000(	1477.062	1627.976	-0.14004	0.23574	0.3297	CUL3	chr2	-	2.25E+08	2.25E+08	6741
ENSG0000(	13.54993	12.85079	0.071595	0.89731	0.92875	MYOM2	chr8	+	1993155	2113475	5014
ENSG0000(	15.79003	8.173074	0.90998	0.11727	0.18515	CYP46A1	chr14	+	1E+08	1E+08	6609
ENSG0000(	611.8122	603.2559	0.021085	0.91744	0.94431	ZZZ3	chr1	-	78028101	78149104	4737
ENSG0000(	13.28873	101.3433	-2.8883	2.00E-14	1.26E-13	USP2	chr11	-	1.19E+08	1.19E+08	3732
ENSG0000(	0	7.241612	-4.2796	0.002714	0.006301	CASR	chr3	+	1.22E+08	1.22E+08	5009
ENSG0000(	437.3477	256.8939	0.76316	0.001972	0.004671	TUBG2	chr17	+	40811323	40819024	1776
ENSG0000(	324.2806	354.0159	-0.12548	0.41263	0.5175	RPL26L1	chr5	+	1.72E+08	1.72E+08	742
ENSG0000(	18.27772	545.9451	-4.859	4.93E-58	1.36E-56	FLT4	chr5	-	1.8E+08	1.8E+08	5857
ENSG0000(	1344.648	1983.835	-0.55858	0.015675	0.031623	NSUN2	chr5	-	6599352	6633404	3558
ENSG0000(	522.6502	477.5396	0.13085	0.3518	0.456	FBXO42	chr1	-	16573334	16678949	6202
ENSG0000(	681.3493	344.0867	0.98442	4.03E-10	1.91E-09	MFAP3	chr5	+	1.53E+08	1.54E+08	5049
ENSG0000(	241.4651	180.4641	0.41583	0.072497	0.12279	MRI1	chr19	+	13875346	13885096	3027
ENSG0000(	179.4601	163.3532	0.13637	0.67221	0.75458	METTL1	chr12	-	58162254	58166576	2066
ENSG0000(	126.5071	2.401965	4.8734	9.19E-05	0.000263	HOXC8	chr12	+	54402832	54407570	3371
ENSG0000(	182.9998	86.85419	1.0737	9.83E-07	3.51E-06	AGA	chr4	-	1.78E+08	1.78E+08	2107
ENSG0000(	418.0947	375.0553	0.15579	0.35345	0.45773	PI4K2B	chr4	+	25162263	25280714	3540
ENSG0000(	1514.844	1290.458	0.2308	0.29992	0.40147	BOD1L1	chr4	-	13570362	13629347	10565
ENSG0000(	635.3766	1128.984	-0.82848	2.49E-11	1.29E-10	MAT2B	chr5	+	1.63E+08	1.63E+08	3409
ENSG0000(	122.7788	12.311	3.268	5.93E-21	5.21E-20	TLL1	chr4	+	1.67E+08	1.67E+08	6708
ENSG0000(	1379.57	1087.054	0.34329	0.001799	0.004288	EDC4	chr16	+	67906926	67918406	5267
ENSG0000(	4473.346	1471.015	1.6034	1.63E-66	5.54E-65	TRIO	chr5	+	14143811	14532235	11100
ENSG0000(	9627.74	3991.99	1.2679	1.86E-16	1.32E-15	VCAN	chr5	+	82767284	82878122	12625
ENSG0000(	1002.686	459.0903	1.1242	8.53E-20	7.13E-19	CLEC16A	chr16	+	11038345	11276046	6891
ENSG0000(	112.8073	0	8.3079	2.05E-14	1.30E-13	MSR1	chr8	-	15965387	16424999	3572
ENSG0000(	2.229907	5993.73	-11.092	2.08E-105	1.30E-103	CDH1	chr16	+	68771128	68869445	4875
ENSG0000(	1165.638	1517.196	-0.37872	0.054219	0.095421	SKIV2L2	chr5	+	54603588	54721409	4192
ENSG0000(	10.0312	10.70455	-0.09133	0.88614	0.92043	DNAH5	chr5	-	13690440	13944652	15633
ENSG0000(	1028.046	268.317	1.93	1.19E-17	9.02E-17	ZFYVE16	chr5	+	79703832	79775169	6773
ENSG0000(	1229.432	225.3898	2.4351	3.44E-26	3.77E-25	FAM65A	chr16	+	67552321	67580691	4260
ENSG0000(	0.290301	0	0.4146	0.81455	NA	C6	chr5	-	41142336	41261540	3661
ENSG0000(	2729.547	1742.584	0.64703	3.45E-07	1.29E-06	RAI14	chr5	+	34656342	34832732	5092
ENSG0000(	6.234137	0.594029	2.8288	0.019584	0.038734	SOX30	chr5	-	1.57E+08	1.57E+08	3265
ENSG0000(	1080.246	1224.942	-0.18129	0.21035	0.3005	PNKP	chr19	-	50364461	50371166	2102
ENSG0000(	0.995923	53.13919	-5.3812	1.49E-10	7.29E-10	BEST2	chr19	+	12862516	12869272	2183
ENSG0000(	382.6804	789.2575	-1.0424	1.23E-10	6.02E-10	PHLPP2	chr16	-	71671738	71758604	8467
ENSG0000(	902.2673	533.728	0.75641	9.83E-05	0.00028	SPDL1	chr5	+	1.69E+08	1.69E+08	2668
ENSG0000(	409.6272	643.7521	-0.65153	8.69E-06	2.81E-05	STAU2	chr8	-	74332604	74659943	4061
ENSG0000(	454.1699	275.7324	0.71793	5.03E-06	1.67E-05	PQLC2	chr1	+	19638820	19655794	2153
ENSG0000(	351.3339	261.023	0.42723	0.05697	0.099719	CTNS	chr17	+	3539762	3564836	2866
ENSG0000(	305.7536	640.8466	-1.0645	3.20E-09	1.41E-08	RTN4R	chr22	-	20228938	20270769	2157
ENSG0000(	1229.526	1105.468	0.15344	0.22794	0.32098	PHF23	chr17	-	7138347	7143041	2037
ENSG0000(	3.713929	1.684135	1.0185	0.35639	0.46069	CDH10	chr5	-	24487209	24645087	3438
ENSG0000(	934.7368	658.7694	0.50337	0.001317	0.003208	INPP4A	chr2	+	99061317	99207496	6752
ENSG0000(	156.3778	6.61274	4.5056	2.03E-29	2.54E-28	RAB27B	chr18	+	52385091	52562747	7281
ENSG0000(	1854.111	2295.011	-0.30682	0.037551	0.069381	PSMA4	chr15	+	78832747	78841604	2741
ENSG0000(	0.342542	1.294874	-1.342	0.40631	NA	MYO16	chr13	+	1.09E+08	1.1E+08	6874
ENSG0000(	770.8668	889.8115	-0.20598	0.29616	0.39818	LSG1	chr3	-	1.94E+08	1.94E+08	3572
ENSG0000(	83.96936	32.81771	1.346	9.28E-06	2.99E-05	PARP3	chr3	+	51976361	51982883	2472
ENSG0000(	43933.73	158.7416	7.8237	2.17E-32	3.04E-31	TNC	chr9	-	1.18E+08	1.18E+08	7641
ENSG0000(	215.0794	169.5312	0.34194	0.10075	0.16251	THAP3	chr1	+	6684926	6695646	2053
ENSG0000(	328.4958	156.2362	1.066	4.02E-06	1.35E-05	FAM65C	chr20	-	49202645	49308065	4377
ENSG0000(	511.4304	955.8485	-0.90068	3.15E-12	1.73E-11	TDP1	chr14	+	90421283	90511106	3696
ENSG0000(	219.6993	175.6645	0.32215	0.081725	0.13607	AIFM2	chr10	-	71857979	71892690	3240
ENSG0000(	85.30001	85.29406	0.001678	0.99578	0.99763	SPATA7	chr14	+	88851268	88936694	3610
ENSG0000(	426.7881	347.5089	0.29621	0.2017	0.29031	MED17	chr11	+	93517393	93547861	4874
ENSG0000(	553.0493	269.6983	1.0336	3.78E-07	1.40E-06	RETSAT	chr2	-	85569211	85581743	3100
ENSG0000(	2247.406	1704.027	0.39815	0.024395	0.047181	CAPG	chr2	-	85621871	85645555	1442

ENSG0000(	1728.027	1410.681	0.29288	0.004573	0.010243	AP2S1	chr19	-	47341393	47354249	935
ENSG0000(	3.537482	4.213191	-0.25641	0.81262	0.86828	USH2A	chr1	-	2.16E+08	2.17E+08	18955
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	ZPBP	chr7	-	49890017	50160925	1213
ENSG0000(	107.3373	0	8.2443	3.45E-14	2.14E-13	TG	chr8	+	1.34E+08	1.34E+08	8450
ENSG0000(	0.290301	10.40424	-4.0942	0.001746	0.00417	ADAM28	chr8	+	24151553	24216531	7052
ENSG0000(	528.6901	497.7572	0.087998	0.6748	0.75638	DCUN1D1	chr3	-	1.83E+08	1.83E+08	7954
ENSG0000(	413.1861	1190.557	-1.5179	1.74E-08	7.26E-08	PHF15	chr5	+	1.34E+08	1.34E+08	6463
ENSG0000(	6.306916	5339.551	-9.6301	2.90E-152	3.39E-150	ZIC2	chr13	+	1.01E+08	1.01E+08	2974
ENSG0000(	1.359003	4.614605	-1.5942	0.14808	0.22454	LCP2	chr5	-	1.7E+08	1.7E+08	4678
ENSG0000(	221.495	273.8853	-0.30541	0.055125	0.096827	TRIT1	chr1	-	40306723	40349183	2112
ENSG0000(	3.007494	3.901607	-0.3062	0.79398	0.85373	ADRB1	chr10	+	1.16E+08	1.16E+08	2862
ENSG0000(	2542.794	1173.851	1.1094	1.23E-05	3.91E-05	CUL7	chr6	-	43005355	43021683	5504
ENSG0000(	8172.168	7461.397	0.1312	0.15307	0.23098	CTNNA1	chr5	+	1.38E+08	1.38E+08	3756
ENSG0000(	582.9986	386.6671	0.59218	2.02E-05	6.27E-05	PHKA2	chrX	-	18910418	19002716	5559
ENSG0000(	364.204	438.2259	-0.26413	0.17874	0.26269	CNTLN	chr9	+	17134980	17503921	5576
ENSG0000(	338.1706	13.20762	4.6373	2.43E-32	3.40E-31	EPHA3	chr3	+	89156674	89531284	5809
ENSG0000(	21168.1	7792.364	1.4367	1.26E-11	6.62E-11	HSPA5	chr9	-	1.28E+08	1.28E+08	3908
ENSG0000(	1513.811	2590.715	-0.77447	1.16E-14	7.45E-14	DSG2	chr18	+	29078006	29128971	5831
ENSG0000(	177.3652	222.3239	-0.32719	0.07146	0.12125	GEMIN8	chrX	-	14026398	14048012	1682
ENSG0000(	265.0561	367.1278	-0.46799	0.014983	0.03036	OFD1	chrX	+	13752832	13787480	4259
ENSG0000(	30.39587	1480.876	-5.5816	3.15E-170	4.64E-168	GPM6B	chrX	-	13789150	13956757	3957
ENSG0000(	0.36308	0	0.4146	0.81455	NA	MAGEC2	chrX	-	1.41E+08	1.41E+08	1991
ENSG0000(	222.4251	703.7173	-1.6566	8.56E-26	9.23E-25	PREX2	chr8	+	68864353	69149265	10750
ENSG0000(	667.9062	316.9377	1.0732	4.17E-15	2.75E-14	WDR37	chr10	+	1095478	1178237	4582
ENSG0000(	542.8739	465.522	0.22166	0.14204	0.21654	YTHDC2	chr5	+	1.13E+08	1.13E+08	6708
ENSG0000(	438.0471	856.5168	-0.96664	3.03E-17	2.25E-16	CTPS2	chrX	-	16606126	16731059	4319
ENSG0000(	482.1768	790.5398	-0.71304	3.34E-09	1.47E-08	ATP6V1H	chr8	-	54628117	54756118	2365
ENSG0000(	1945.52	1714.2	0.18237	0.21302	0.30364	POLR2B	chr4	+	57843888	57897334	4108
ENSG0000(	207.1714	127.3556	0.69775	0.019157	0.037971	FAM214A	chr15	-	52873514	53002014	4590
ENSG0000(	88.09438	10.40512	3.0341	2.70E-16	1.89E-15	ARAP2	chr4	-	36067620	36246131	7514
ENSG0000(	2891.023	1947.478	0.56625	0.057501	0.10056	TPR	chr1	-	1.86E+08	1.86E+08	7538
ENSG0000(	0.870904	12.09811	-3.3159	0.00134	0.00326	CP	chr3	-	1.49E+08	1.49E+08	4676
ENSG0000(	720.2198	442.4578	0.70063	7.18E-07	2.60E-06	KIAA0556	chr16	+	27561454	27791690	6616
ENSG0000(	199.5709	182.9096	0.12484	0.51831	0.62101	DTNBP1	chr6	-	15523032	15663289	1880
ENSG0000(	1.08924	54.98177	-5.4332	2.35E-11	1.21E-10	XK	chrX	+	37545012	37591383	5206
ENSG0000(	0.36308	50.87626	-6.404	7.92E-10	3.69E-09	ANO2	chr12	-	5641035	6055398	3717
ENSG0000(	300.5563	142.7164	1.0722	4.49E-06	1.50E-05	C12orf4	chr12	-	4596894	4647674	3826
ENSG0000(	204.3117	22.3219	3.1885	1.49E-26	1.67E-25	SCML1	chrX	+	17755588	17773105	4615
ENSG0000(	1622.957	989.3171	0.71265	5.10E-08	2.04E-07	WWC3	chrX	+	9983602	10112518	6647
ENSG0000(	639.2839	15.95689	5.2804	2.40E-93	1.26E-91	ARHGAP6	chrX	-	11136239	11683821	6299
ENSG0000(	230.9679	200.4769	0.20106	0.23855	0.33319	FAM184B	chr4	-	17630929	17783135	6622
ENSG0000(	13168.65	7837.408	0.74807	2.58E-14	1.62E-13	MAP4	chr3	-	47892182	48130769	8920
ENSG0000(	977.4734	390.5955	1.3216	9.61E-18	7.30E-17	GOPC	chr6	-	1.18E+08	1.18E+08	4604
ENSG0000(	499.3542	2065.891	-2.0458	8.70E-55	2.24E-53	USP28	chr11	-	1.14E+08	1.14E+08	4669
ENSG0000(	123.2384	182.2917	-0.5597	0.010172	0.021357	HDAC9	chr7	+	18126572	19036993	4659
ENSG0000(	1560.963	1201.84	0.37692	0.000104	0.000297	TSPAN17	chr5	+	1.76E+08	1.76E+08	4445
ENSG0000(	205.1125	423.6452	-1.0395	0.000379	0.000999	NOP16	chr5	-	1.76E+08	1.76E+08	1256
ENSG0000(	458.3423	230.8503	0.98824	7.10E-09	3.05E-08	CC2D2A	chr4	+	15471489	15603180	5249
ENSG0000(	657.3366	1397.415	-1.0852	1.44E-08	6.02E-08	RRM2B	chr8	-	1.03E+08	1.03E+08	4931
ENSG0000(	304.168	56.77842	2.4155	1.05E-30	1.38E-29	ZNF800	chr7	-	1.27E+08	1.27E+08	4358
ENSG0000(	0.36308	0	0.4146	0.81455	NA	TNFRSF17	chr16	+	12058964	12061925	994
ENSG0000(	458.5612	165.1284	1.4721	4.91E-21	4.34E-20	SNX29	chr16	+	12070594	12668146	8171
ENSG0000(	3.527296	313.197	-6.3234	8.51E-42	1.56E-40	LMO3	chr12	-	16701307	16763528	3759
ENSG0000(	617.2437	438.8881	0.49188	0.000964	0.002399	MRPS10	chr6	-	42174539	42185603	2110
ENSG0000(	27.99033	193.3413	-2.7819	5.95E-26	6.47E-25	GUCA1A	chr6	+	42123144	42147794	2233
ENSG0000(	1480.298	1565.053	-0.07956	0.66382	0.74709	RSF1	chr11	-	77371041	77532063	11550
ENSG0000(	1198.626	788.7428	0.6027	4.46E-06	1.49E-05	VPS13D	chr1	+	12290124	12572099	16318
ENSG0000(	381.1844	436.9823	-0.19598	0.19971	0.28827	CELF2	chr10	+	11047259	11378666	9233
ENSG0000(	2901.687	1244.223	1.2206	1.92E-36	3.04E-35	FAM120A	chr9	+	96214004	96328397	5118
ENSG0000(	1235.596	844.7279	0.54821	4.52E-05	0.000134	R3HDM1	chr2	+	1.36E+08	1.36E+08	4648
ENSG0000(	1444.174	255.2063	2.4956	3.39E-82	1.47E-80	COL9A2	chr1	-	40766159	40783488	2887
ENSG0000(	353.4473	210.0085	0.75012	0.001106	0.002726	KITLG	chr12	-	88886570	88974628	5191
ENSG0000(	115.1673	114.0375	0.01578	0.95492	0.97215	ERCC8	chr5	-	60169658	60240900	3424
ENSG0000(	1026.886	47.88268	4.4173	4.90E-141	4.92E-139	ADAMTS6	chr5	-	64444563	64777747	7311
ENSG0000(	4838.516	987.5331	2.2795	1.31E-17	9.87E-17	H6PD	chr1	+	9294834	9331396	9146

ENSG0000(	1288.427	529.9251	1.2809	1.10E-31	1.49E-30	VAMP3	chr1	+	7831329	7841492	2205
ENSG0000(	82.62991	138.2506	-0.73714	0.055412	0.097261	PER3	chr1	+	7844380	7905237	6279
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	TNFRSF9	chr1	-	7979907	8000926	1923
ENSG0000(	2.302685	227.6959	-6.4629	1.42E-32	1.99E-31	EPN3	chr17	+	48609904	48621111	4071
ENSG0000(	4.502681	1.043983	1.8416	0.13677	0.21002	SRD5A2	chr2	-	31747550	31806136	4647
ENSG0000(	19881.01	1945.759	3.351	0	0	LTBP1	chr2	+	33172039	33624576	6333
ENSG0000(	4149.599	1838.645	1.1735	3.56E-27	4.05E-26	RCN1	chr11	+	31833939	32127301	2653
ENSG0000(	583.7054	171.8975	1.7581	4.81E-22	4.43E-21	ELN	chr7	+	73442119	73484237	3781
ENSG0000(	497.1796	960.4077	-0.94802	1.58E-09	7.16E-09	RFC2	chr7	-	73645829	73668774	1695
ENSG0000(	2877.081	2049.393	0.48884	9.02E-05	0.000259	ARID1B	chr6	+	1.57E+08	1.58E+08	8246
ENSG0000(	1862.357	1768.636	0.074386	0.66434	0.74753	CLPTM1L	chr5	-	1317859	1345214	3540
ENSG0000(	966.1746	1553.889	-0.68528	8.54E-12	4.55E-11	NEDD4L	chr18	+	55711599	56068772	8436
ENSG0000(	7.406507	13.19963	-0.80341	0.21342	0.30403	FOXP3	chrX	-	49106897	49121288	2382
ENSG0000(	262.0676	222.9499	0.23003	0.40402	0.50885	PPP1R3F	chrX	+	49126306	49157929	3421
ENSG0000(	1407.085	826.8602	0.76504	1.53E-07	5.88E-07	HEXB	chr5	+	73935848	74018472	2021
ENSG0000(	94.53666	128.7854	-0.44048	0.041178	0.075226	PTCD2	chr5	+	71616194	71656052	2648
ENSG0000(	0.342542	12.52867	-4.4304	0.000222	0.000604	KIAA2022	chrX	-	73952684	74145320	11759
ENSG0000(	518.3938	306.4398	0.75878	7.72E-06	2.52E-05	JKAMP	chr14	+	59951161	59972128	2302
ENSG0000(	2791.701	323.1039	3.1037	2.01E-92	1.04E-90	DKK3	chr11	-	11984653	12031316	2650
ENSG0000(	28.07085	445.8517	-3.9659	1.07E-64	3.48E-63	ARHGEF5	chr7	+	1.44E+08	1.44E+08	5544
ENSG0000(	81.22723	1605.161	-4.2995	8.45E-169	1.21E-166	NFE2L3	chr7	+	26191860	26226745	3686
ENSG0000(	395.272	403.2117	-0.02964	0.82619	0.87763	MCUR1	chr6	-	13791020	13814800	1826
ENSG0000(	1607.472	808.2149	0.99154	9.36E-20	7.80E-19	LIMA1	chr12	-	50569571	50677329	3920
ENSG0000(	218.2582	422.9846	-0.95121	5.27E-06	1.75E-05	LETMD1	chr12	+	51441745	51454207	2948
ENSG0000(	129.9002	160.0623	-0.29789	0.15976	0.23938	SLC4A8	chr12	+	51785101	51902980	4395
ENSG0000(	18.91235	1350.196	-6.121	9.45E-154	1.13E-151	LAMC3	chr9	+	1.34E+08	1.34E+08	6133
ENSG0000(	2.67693	3.411978	-0.31187	0.76295	0.82798	PTGER3	chr1	-	71318036	71513491	6982
ENSG0000(	10.72647	0.357707	4.2127	0.000535	0.001382	TNIP3	chr4	-	1.22E+08	1.22E+08	2429
ENSG0000(	730.2822	748.4951	-0.03488	0.78527	0.8462	MAPK9	chr5	-	1.8E+08	1.8E+08	4815
ENSG0000(	18.8729	293.3933	-3.9362	1.75E-29	2.20E-28	COL23A1	chr5	-	1.78E+08	1.78E+08	3061
ENSG0000(	3794.56	2507.066	0.59762	1.02E-08	4.33E-08	BCAR1	chr16	-	75262928	75301951	4659
ENSG0000(	468.0507	337.7589	0.46946	0.000787	0.001984	FAM160A2	chr11	-	6232565	6255941	3481
ENSG0000(	1027.892	206.1464	2.3112	2.80E-27	3.21E-26	HERPUD1	chr16	+	56965960	56977798	2199
ENSG0000(	784.8629	331.3454	1.2365	4.41E-07	1.63E-06	HOMER3	chr19	-	19040010	19052070	1979
ENSG0000(	320.0375	550.609	-0.7817	1.37E-09	6.23E-09	RAD51	chr15	+	40986972	41024354	2266
ENSG0000(	308.311	501.6303	-0.70009	2.37E-05	7.28E-05	POLQ	chr3	-	1.21E+08	1.21E+08	8775
ENSG0000(	312.1672	699.3563	-1.1609	3.88E-11	1.98E-10	PIK3CB	chr3	-	1.38E+08	1.39E+08	4747
ENSG0000(	484.0909	2355.284	-2.2765	2.12E-38	3.59E-37	CYBA	chr16	-	88709691	88717560	1415
ENSG0000(	382.2364	729.0603	-0.92955	9.24E-14	5.58E-13	THOC3	chr5	-	1.75E+08	1.75E+08	1796
ENSG0000(	737.9188	888.7355	-0.26874	0.02045	0.040253	HEBP2	chr6	+	1.39E+08	1.39E+08	990
ENSG0000(	564.0262	472.8425	0.25442	0.10658	0.17038	MPHOSPH9	chr12	-	1.24E+08	1.24E+08	5799
ENSG0000(	867.3412	868.799	-0.00147	0.99027	0.99495	PLEKHA5	chr12	+	19282648	19529334	6487
ENSG0000(	0	2208.262	-12.197	2.28E-30	2.94E-29	PRSS8	chr16	-	31142756	31147083	1870
ENSG0000(	645.3686	691.8237	-0.09942	0.43353	0.53893	SIKE1	chr1	-	1.15E+08	1.15E+08	5506
ENSG0000(	920.3885	1427.482	-0.63045	0.004191	0.009434	RRP12	chr10	-	99116115	99161127	4399
ENSG0000(	209.5672	217.7715	-0.05572	0.73474	0.8042	FNIP2	chr4	+	1.6E+08	1.6E+08	6925
ENSG0000(	4066.893	1618.51	1.3235	2.82E-08	1.15E-07	MSMO1	chr4	+	1.66E+08	1.66E+08	2269
ENSG0000(	1156.866	731.9665	0.65975	2.50E-08	1.03E-07	TTC17	chr11	+	43380482	43516483	4469
ENSG0000(	25.4376	3.959884	2.6	1.91E-05	5.94E-05	ALX4	chr11	-	44281994	44331716	5750
ENSG0000(	0.36308	44.73946	-6.2245	3.51E-09	1.55E-08	FSTL4	chr5	-	1.33E+08	1.33E+08	5419
ENSG0000(	1306.446	2264.322	-0.79168	1.92E-06	6.68E-06	FOXN3	chr14	-	89591215	90085493	7832
ENSG0000(	0	3.512346	-3.2894	0.030314	0.057277	METTL24	chr6	-	1.11E+08	1.11E+08	1119
ENSG0000(	905.5214	693.9008	0.38321	0.007293	0.01572	AKR7A2	chr1	-	19630459	19638640	1362
ENSG0000(	909.5578	1290.015	-0.50002	0.10915	0.17382	MRTO4	chr1	+	19578033	19586622	2315
ENSG0000(	24.53076	90.80601	-1.8522	1.91E-07	7.28E-07	NNAT	chr20	+	36149617	36152092	1294
ENSG0000(	282.9529	155.8344	0.85736	2.25E-06	7.78E-06	USE1	chr19	+	17326155	17330638	1776
ENSG0000(	6.763312	104.5974	-3.8882	3.14E-14	1.96E-13	MCF2L2	chr3	-	1.83E+08	1.83E+08	7813
ENSG0000(	91.33635	108.3515	-0.24187	0.32821	0.43126	NRIP2	chr12	-	2934514	2944710	2746
ENSG0000(	73.22733	24.38327	1.5634	1.66E-06	5.83E-06	LAMA3	chr18	+	21269407	21535030	10661
ENSG0000(	483.8956	496.9095	-0.03758	0.8257	0.87718	AP5M1	chr14	+	57735627	57756797	3074
ENSG0000(	311.4303	386.6211	-0.30988	0.16941	0.25125	ANAPC4	chr4	+	25378835	25420120	3807
ENSG0000(	1.669842	95.828	-5.6214	4.23E-16	2.94E-15	KCNQ1	chr11	+	2465914	2870339	3245
ENSG0000(	958.3071	598.6911	0.67772	1.77E-08	7.36E-08	TRAPPC3	chr1	-	36602173	36615098	2428
ENSG0000(	3869.737	4315.752	-0.157	0.32902	0.43217	THRAP3	chr1	+	36690017	36770958	4432
ENSG0000(	1116.565	771.1941	0.5331	2.51E-05	7.68E-05	PHPT1	chr9	+	1.4E+08	1.4E+08	1316

ENSG0000(	1.213446	174.0045	-6.7172	2.00E-19	1.64E-18	ENTPD2	chr9	-	1.4E+08	1.4E+08	2095
ENSG0000(	0.342542	13.24575	-4.527	0.000136	0.000382	LY75	chr2	-	1.61E+08	1.61E+08	6886
ENSG0000(	817.2972	619.5796	0.39979	0.018989	0.037674	ARID4B	chr1	-	2.35E+08	2.35E+08	6067
ENSG0000(	315.0116	217.6739	0.52955	0.023766	0.046103	OPN3	chr1	-	2.42E+08	2.42E+08	2620
ENSG0000(	347.9579	117.3647	1.564	8.91E-19	7.06E-18	SDCCAG8	chr1	+	2.43E+08	2.44E+08	2567
ENSG0000(	95.78923	15.2018	2.6307	1.51E-14	9.63E-14	PTPRN	chr2	-	2.2E+08	2.2E+08	5099
ENSG0000(	246.67	15.08928	4.02	2.38E-44	4.68E-43	HHAT	chr1	+	2.11E+08	2.11E+08	3626
ENSG0000(	1920.531	3135.693	-0.70541	0.000114	0.000323	KIF1B	chr1	+	10270863	10441661	10669
ENSG0000(	277.4935	276.7203	0.005719	0.97204	0.9846	FOXC1	chr6	+	1610681	1614127	3447
ENSG0000(	641.4046	516.6414	0.31246	0.012167	0.025125	TBC1D22A	chr22	+	47158518	47571336	3787
ENSG0000(	878.1655	2794.157	-1.6634	1.02E-14	6.56E-14	SYNE2	chr14	+	64319683	64693165	21878
ENSG0000(	47.70162	676.4321	-3.8212	2.35E-92	1.21E-90	PLEKHH1	chr14	+	68000018	68056329	6604
ENSG0000(	1601.246	227.173	2.8134	2.56E-115	1.83E-113	ATP9A	chr20	-	50213053	50385173	8106
ENSG0000(	0.36308	0	0.4146	0.81455	NA	SPO11	chr20	+	55904815	55919050	1834
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	CBLN4	chr20	-	54572496	54580528	3024
ENSG0000(	0	3.711409	-3.3594	0.025926	0.049862	CHRDL2	chr11	-	74407474	74442430	1971
ENSG0000(	1913.114	529.5765	1.8512	1.55E-55	4.05E-54	FAM168A	chr11	-	73111532	73309234	7296
ENSG0000(	157.9906	105.5726	0.57814	0.005043	0.011228	RELT	chr11	+	73087309	73108519	4346
ENSG0000(	412.0151	238.6261	0.78775	3.73E-07	1.39E-06	GALC	chr14	-	88304164	88460009	3883
ENSG0000(	937.9303	1866.324	-0.98667	0.000297	0.000797	NOP58	chr2	+	2.03E+08	2.03E+08	2046
ENSG0000(	3086.354	1928.451	0.67786	2.71E-12	1.49E-11	SZRD1	chr1	+	16679070	16724640	3636
ENSG0000(	13.30927	591.572	-5.4044	2.69E-48	5.88E-47	KCNH2	chr7	-	1.51E+08	1.51E+08	4717
ENSG0000(	1308.537	1520.263	-0.21558	0.071475	0.12126	CUL1	chr7	+	1.48E+08	1.48E+08	3064
ENSG0000(	335.1372	137.9968	1.2777	2.62E-14	1.65E-13	FAM114A2	chr5	-	1.53E+08	1.53E+08	4443
ENSG0000(	484.1689	1745.443	-1.8472	1.44E-47	3.09E-46	CYFIP2	chr5	+	1.57E+08	1.57E+08	6791
ENSG0000(	1103.681	1034.144	0.094001	0.4463	0.55177	TAB2	chr6	+	1.5E+08	1.5E+08	4553
ENSG0000(	438.3086	267.1584	0.71394	3.93E-06	1.32E-05	GINM1	chr6	+	1.5E+08	1.5E+08	2024
ENSG0000(	1398.04	1141.255	0.29183	0.022193	0.04338	EIF2AK2	chr2	-	37326353	37384208	10042
ENSG0000(	1060.325	1357.257	-0.35547	0.027981	0.05339	USP36	chr17	-	76783463	76837523	5885
ENSG0000(	1081.484	685.9272	0.6569	5.31E-09	2.30E-08	MLL3	chr7	-	1.52E+08	1.52E+08	17029
ENSG0000(	6.690533	77.37496	-3.4871	1.60E-14	1.02E-13	MCOLN3	chr1	-	85483765	85514182	2953
ENSG0000(	16.26533	3.336716	2.2074	0.001322	0.003219	CCDC85A	chr2	+	56411258	56613308	3982
ENSG0000(	1759.126	1544.221	0.18784	0.12945	0.20099	PUM2	chr2	-	20448452	20551995	6117
ENSG0000(	751.202	843.5133	-0.16716	0.14382	0.21887	MRPL43	chr10	-	1.03E+08	1.03E+08	2134
ENSG0000(	1.068702	2.353426	-0.98534	0.45565	0.56095	ITIH4	chr3	-	52846991	52865495	3336
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	ITIH1	chr3	+	52811603	52826078	2911
ENSG0000(	433.6259	341.1322	0.34593	0.006565	0.014281	C4orf27	chr4	-	1.71E+08	1.71E+08	1230
ENSG0000(	1745.57	1695.506	0.042049	0.78231	0.84401	ZFR	chr5	-	32354456	32444867	4738
ENSG0000(	184.2296	157.9395	0.22095	0.22956	0.32285	ZNF280C	chrX	-	1.29E+08	1.29E+08	4634
ENSG0000(	7.105041	56.20205	-2.8812	2.56E-06	8.80E-06	NPFFR2	chr4	+	72897521	73013784	1922
ENSG0000(	12.31155	1027.107	-6.3023	3.65E-66	1.23E-64	PHF21B	chr22	-	45277042	45405880	3671
ENSG0000(	41.16358	64.97346	-0.64519	0.10797	0.17228	TRAF1	chr9	-	1.24E+08	1.24E+08	6324
ENSG0000(	1081.776	584.4799	0.88657	6.84E-08	2.70E-07	RC3H2	chr9	-	1.26E+08	1.26E+08	9248
ENSG0000(	1291.383	1435.739	-0.15216	0.14656	0.22252	PCGF2	chr17	-	36890150	36906070	3062
ENSG0000(	60.91162	119.2673	-0.96759	0.000334	0.000888	IL17RB	chr3	+	53880607	53899827	2822
ENSG0000(	269.8464	613.2798	-1.1793	6.45E-07	2.34E-06	TRAF3IP2	chr6	-	1.12E+08	1.12E+08	5128
ENSG0000(	280.2273	1072.32	-1.9318	1.51E-50	3.50E-49	GYG2	chrX	+	2746829	2800859	3393
ENSG0000(	8054.97	1142.915	2.8145	1.08E-152	1.27E-150	DCBLD2	chr3	-	98514785	98620533	6122
ENSG0000(	0.705622	0	0.8807	0.6196	NA	SERPINB3	chr18	-	61322431	61329197	1777
ENSG0000(	882.3788	40.33841	4.4277	3.96E-66	1.33E-64	SOAT1	chr1	+	1.79E+08	1.79E+08	6835
ENSG0000(	5.870243	420.5221	-6.0156	4.24E-58	1.18E-56	PKP2	chr12	-	32943679	33049774	4302
ENSG0000(	1.068702	7.527217	-2.5411	0.023227	0.045189	MSH4	chr1	+	76262567	76378923	3266
ENSG0000(	0	9.750394	-4.907	0.000103	0.000294	F7	chr13	+	1.14E+08	1.14E+08	3109
ENSG0000(	5402.697	5996.759	-0.15031	0.12393	0.19397	GDI2	chr10	-	5807186	5884095	2499
ENSG0000(	123.4355	19.99848	2.6066	4.85E-15	3.18E-14	PRDM1	chr6	+	1.07E+08	1.07E+08	5164
ENSG0000(	465.5281	432.9097	0.10596	0.53781	0.63861	ATG5	chr6	-	1.07E+08	1.07E+08	3216
ENSG0000(	127.3548	63.0538	1.0051	0.000248	0.000672	TMCC3	chr12	-	94960900	95044338	5877
ENSG0000(	700.3887	962.204	-0.45711	0.006698	0.014547	PITHD1	chr1	+	24104895	24114722	1603
ENSG0000(	623.9724	1845.474	-1.5636	2.98E-54	7.58E-53	MTA3	chr2	+	42721709	42984087	5832
ENSG0000(	848.5484	928.8583	-0.1309	0.27441	0.3743	USP13	chr3	+	1.79E+08	1.8E+08	8323
ENSG0000(	1410.293	373.2039	1.914	1.62E-33	2.35E-32	ATP11B	chr3	+	1.83E+08	1.83E+08	7325
ENSG0000(	2519.783	193.9887	3.6953	4.33E-188	8.01E-186	LAMC2	chr1	+	1.83E+08	1.83E+08	5147
ENSG0000(	704.2895	894.0912	-0.34409	0.007448	0.016031	CDK14	chr7	+	90095738	90839905	5163
ENSG0000(	9369.624	2972.683	1.6532	4.60E-27	5.22E-26	SEC61A1	chr3	+	1.28E+08	1.28E+08	3635
ENSG0000(	1531.703	1200.608	0.35141	0.008814	0.018726	PPP1R12A	chr12	-	80167343	80329240	5721

ENSG0000(	5.549053	41.8827	-2.8196	6.61E-06	2.17E-05	RASGRF1	chr15	-	79252289	79383115	6294
ENSG0000(	4.201215	5.702295	-0.39547	0.67389	0.75577	CAMK2B	chr7	-	44256749	44374176	4447
ENSG0000(	1984.348	2237.152	-0.17297	0.3014	0.40279	CROCC	chr1	+	17066768	17299474	6656
ENSG0000(	798.3182	1776.974	-1.1535	1.98E-26	2.19E-25	POLR3E	chr16	+	22308730	22346424	4800
ENSG0000(	1594.677	626.6889	1.3433	1.14E-11	6.00E-11	ATP2B4	chr1	+	2.04E+08	2.04E+08	8968
ENSG0000(	2904.596	1683.628	0.78637	6.35E-17	4.63E-16	ZC3H11A	chr1	+	2.04E+08	2.04E+08	8404
ENSG0000(	266.3901	243.6538	0.12933	0.58689	0.68258	RIOK2	chr5	-	96496571	96518964	3922
ENSG0000(	276.0191	338.204	-0.29255	0.049815	0.088673	YIPF1	chr1	-	54317392	54356407	1803
ENSG0000(	567.8451	1502.258	-1.4017	2.48E-22	2.33E-21	TMEM48	chr1	-	54231133	54304533	5134
ENSG0000(	3.931452	5.661004	-0.48958	0.5623	0.66064	DGKG	chr3	-	1.86E+08	1.86E+08	6054
ENSG0000(	1161.346	545.9149	1.0826	3.19E-05	9.64E-05	FLYWCH1	chr16	+	2961938	3001209	5141
ENSG0000(	524.3588	601.1001	-0.19691	0.23084	0.32427	UNKL	chr16	-	1413206	1464752	5078
ENSG0000(	27.64697	29.86864	-0.11366	0.75889	0.82479	TBXAS1	chr7	+	1.39E+08	1.4E+08	2367
ENSG0000(	117.7091	119.9691	-0.03296	0.88577	0.92025	PARP12	chr7	-	1.4E+08	1.4E+08	3796
ENSG0000(	4284.724	2623.085	0.7077	1.91E-13	1.13E-12	ALDH18A1	chr10	-	97365696	97416463	3349
ENSG0000(	541.3246	488.2357	0.14709	0.35163	0.45596	TARBP1	chr1	-	2.35E+08	2.35E+08	5130
ENSG0000(	289.8121	291.9991	-0.01101	0.93838	0.95938	PET112	chr4	-	1.53E+08	1.53E+08	6552
ENSG0000(	203.9092	52.06586	1.9638	1.22E-14	7.85E-14	MXD1	chr2	+	70124820	70170077	5587
ENSG0000(	508.332	349.3288	0.53989	0.005547	0.012238	CDK17	chr12	-	96672039	96794338	4157
ENSG0000(	127.8978	106.7693	0.26113	0.20128	0.29006	DNAJC25	chr9	+	1.14E+08	1.14E+08	2572
ENSG0000(	1467.766	15753.96	-3.4138	3.26E-68	1.14E-66	SLC2A3	chr12	-	8071826	8088871	4414
ENSG0000(	108.8307	195.8756	-0.83908	0.018238	0.03631	PSD	chr10	-	1.04E+08	1.04E+08	4183
ENSG0000(	833.3675	1362.389	-0.70848	7.01E-09	3.01E-08	CTDP1	chr18	+	77439801	77514510	3753
ENSG0000(	2582.733	5554.785	-1.1039	6.26E-23	6.03E-22	YBX3	chr12	-	10851683	10875911	6393
ENSG0000(	4.845223	27.98619	-2.4367	6.72E-05	0.000195	STYK1	chr12	-	10771538	10826917	2995
ENSG0000(	15979.94	3010.615	2.4052	7.36E-83	3.24E-81	WNK1	chr12	+	861759	1020618	11232
ENSG0000(	1228.942	1668.879	-0.43945	0.040597	0.074316	CCAR1	chr10	+	70480769	70552134	4683
ENSG0000(	1391.921	1291.739	0.10745	0.49649	0.60027	OGFR	chr20	+	61436187	61445352	4506
ENSG0000(	0.685084	7.269878	-2.95	0.015321	0.030994	GNA15	chr19	+	3136191	3163767	2133
ENSG0000(	90.08948	191.2891	-1.0813	0.000254	0.000687	PIGV	chr1	+	27113963	27124889	2713
ENSG0000(	2309.824	2693.903	-0.22147	0.1884	0.27469	PTPRU	chr1	+	29563028	29653325	5579
ENSG0000(	743.7067	1272.126	-0.77242	2.26E-06	7.79E-06	SNRNP40	chr1	-	31732417	31769662	1928
ENSG0000(	0.580602	21.4843	-4.5494	1.00E-05	3.21E-05	RIMBP2	chr12	-	1.31E+08	1.31E+08	6321
ENSG0000(	55531.81	312.1178	7.4655	0	0	COL11A1	chr1	-	1.03E+08	1.04E+08	7327
ENSG0000(	1769.792	1802.784	-0.02638	0.8787	0.91554	QSER1	chr11	+	32914724	33014862	9335
ENSG0000(	254.3722	101.1083	1.3256	3.83E-08	1.55E-07	MPC1	chr6	-	1.67E+08	1.67E+08	962
ENSG0000(	412.8039	302.9925	0.44418	0.003873	0.008766	ACAA1	chr3	-	38164201	38178733	4720
ENSG0000(	4959.315	4184.234	0.24475	0.1702	0.25234	BCAT1	chr12	-	24964295	25102393	8335
ENSG0000(	2809.657	1977.765	0.50575	2.16E-05	6.65E-05	HDAC7	chr12	-	48176505	48226915	6414
ENSG0000(	2310.076	354.1264	2.6932	5.03E-28	5.95E-27	LZTS1	chr8	-	20103676	20161474	5706
ENSG0000(	68.53467	0.700845	6.1932	1.66E-12	9.26E-12	PRDM6	chr5	+	1.22E+08	1.23E+08	3052
ENSG0000(	0	1.029414	-1.1526	0.51496	NA	WNT8A	chr5	+	1.37E+08	1.37E+08	1597
ENSG0000(	35.3763	83.62362	-1.2322	0.000114	0.000323	SPAG4	chr20	+	34203814	34208971	1453
ENSG0000(	3040.164	2822.11	0.10757	0.34384	0.44786	NCKAP1	chr2	-	1.84E+08	1.84E+08	4989
ENSG0000(	491.8156	701.1018	-0.50881	0.00063	0.001612	MRPS35	chr12	+	27863706	27909228	1888
ENSG0000(	113.4686	115.6151	-0.02598	0.91117	0.93915	GUCY1B3	chr4	+	1.57E+08	1.57E+08	3124
ENSG0000(	1166.526	1424.588	-0.28832	0.029036	0.055127	SFSWAP	chr12	+	1.32E+08	1.32E+08	5593
ENSG0000(	1638.399	1324.115	0.30662	0.007102	0.015356	TNK2	chr3	-	1.96E+08	1.96E+08	5940
ENSG0000(	1212.889	372.8346	1.7012	5.08E-43	9.69E-42	MON2	chr12	+	62860597	62991363	10382
ENSG0000(	215.2505	3962.501	-4.1987	4.89E-244	1.57E-241	CDH3	chr16	+	68670092	68756519	3702
ENSG0000(	1036.475	1333.443	-0.36238	0.009423	0.019892	GPBP1	chr5	+	56469775	56560506	4683
ENSG0000(	3.019472	21.138	-2.6786	0.000548	0.001413	DGAT2	chr11	+	75470557	75512579	5926
ENSG0000(	64.78643	33.00778	0.96997	0.013312	0.027285	ZNF112	chr19	-	44830708	44871377	3654
ENSG0000(	2185.265	2739.86	-0.32583	0.005515	0.012175	CS	chr12	-	56665483	56694176	3057
ENSG0000(	19.58367	3.008147	2.6076	0.000212	0.00058	LTK	chr15	-	41795836	41806085	3444
ENSG0000(	4.035933	2.993578	0.39194	0.67851	0.75928	MRPS24	chr7	-	43906157	43909492	1727
ENSG0000(	1030.434	440.9452	1.2216	3.35E-14	2.09E-13	ELMO2	chr20	-	44994688	45061704	4121
ENSG0000(	1218.879	1422.031	-0.22219	0.036648	0.067881	WAPAL	chr10	-	88195013	88281572	6333
ENSG0000(	2432.912	698.2963	1.7984	5.57E-47	1.17E-45	VMP1	chr17	+	57784553	57919616	4325
ENSG0000(	918.9492	227.7824	2.0083	4.37E-57	1.19E-55	APPBP2	chr17	-	58520520	58603580	6468
ENSG0000(	1090.965	2774.723	-1.3457	2.75E-32	3.83E-31	POLD1	chr19	+	50887461	50921273	3474
ENSG0000(	3.330311	15.7691	-2.1661	0.001765	0.004214	SEZ6	chr17	-	27281919	27333458	4471
ENSG0000(	5888.391	11538.79	-0.96942	8.76E-16	6.00E-15	EIF4B	chr12	+	53399942	53435993	4148
ENSG0000(	112.555	35.03606	1.6618	1.83E-05	5.69E-05	SLC6A16	chr19	-	49792895	49828482	2983
ENSG0000(	711.4776	930.2328	-0.38576	0.006245	0.013652	GLTSCR1	chr19	+	48111453	48206533	5684

ENSG0000(	518.8186	533.8033	-0.04121	0.82782	0.87876	SPHK2	chr19	+	49122548	49133974	3092
ENSG0000(	8154.541	11264.9	-0.46576	1.46E-06	5.14E-06	RPL18	chr19	-	49118585	49122793	3844
ENSG0000(	49.01613	334.4667	-2.7563	5.96E-44	1.16E-42	CA11	chr19	-	49141199	49149569	1844
ENSG0000(	1026.209	1206.464	-0.23331	0.049465	0.088152	ISOC2	chr19	-	55964352	55973710	2283
ENSG0000(	3940.362	4393.875	-0.15659	0.40955	0.51444	U2AF2	chr19	+	56165512	56186081	3022
ENSG0000(	4131.5	5429.943	-0.39374	0.000265	0.000714	EPN1	chr19	+	56186592	56221224	2621
ENSG0000(	836.1852	953.4956	-0.18879	0.1653	0.2463	MED29	chr19	+	39881943	39891277	3653
ENSG0000(	130.9909	65.00018	1.0011	0.005415	0.011979	AHRR	chr5	+	304291	438406	5661
ENSG0000(	0	7.642154	-4.5216	0.0006	0.001539	GSC2	chr22	-	19136089	19137796	1033
ENSG0000(	1064.935	325.9088	1.7042	3.95E-31	5.29E-30	ZNF275	chrX	+	1.53E+08	1.53E+08	6418
ENSG0000(	341.2497	411.3219	-0.26716	0.098399	0.15928	MTMR1	chrX	+	1.5E+08	1.5E+08	4516
ENSG0000(	4993.757	1708.391	1.5458	2.27E-45	4.59E-44	GPC1	chr2	+	2.41E+08	2.41E+08	3711
ENSG0000(	152.9148	196.7741	-0.36492	0.066586	0.11412	ADCK1	chr14	+	78266426	78401355	3560
ENSG0000(	557.9585	416.024	0.42131	0.026989	0.051693	HAGH	chr16	-	1845621	1877195	1744
ENSG0000(	1673.59	2085.366	-0.31665	0.012893	0.026493	RNF4	chr4	+	2463947	2627047	4123
ENSG0000(	219.9599	42.10184	2.3769	5.19E-18	3.98E-17	CASP8	chr2	+	2.02E+08	2.02E+08	2930
ENSG0000(	592.2696	18.54892	4.7666	2.49E-10	1.20E-09	LIMCH1	chr4	+	41361624	41702061	6165
ENSG0000(	452.1731	872.2392	-0.94591	5.03E-09	2.19E-08	ASUN	chr12	-	27058114	27091259	2974
ENSG0000(	1036.767	852.7697	0.28079	0.098526	0.15944	TM7SF3	chr12	-	27126128	27167367	2709
ENSG0000(	0.342542	15.11197	-4.7278	4.40E-05	0.000131	DLX3	chr17	-	48067369	48072588	2602
ENSG0000(	27.52358	10.52005	1.3309	0.014955	0.030308	SPA17	chr11	+	1.25E+08	1.25E+08	4949
ENSG0000(	17.91724	15.74729	0.17668	0.7575	0.8237	TSPAN32	chr11	+	2323227	2339430	3325
ENSG0000(	1.733248	1.485073	0.13263	0.93389	0.95662	WISP2	chr20	+	43343485	43357150	2759
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	DMRT3	chr9	+	976964	991731	2183
ENSG0000(	91.33137	111.538	-0.28623	0.36078	0.46493	ST3GAL6	chr3	+	98451080	98540045	3148
ENSG0000(	5.084097	18.20108	-1.7894	0.009371	0.019788	ATP2C2	chr16	+	84402133	84497793	3600
ENSG0000(	270.5121	985.7758	-1.8573	4.93E-16	3.42E-15	NGFR	chr17	+	47572655	47592379	3417
ENSG0000(	608.6365	366.1778	0.73028	0.00046	0.001202	CDON	chr11	-	1.26E+08	1.26E+08	9138
ENSG0000(	816.6712	558.4702	0.54777	0.000212	0.000578	TAF2	chr8	-	1.21E+08	1.21E+08	5048
ENSG0000(	1985.555	1633.294	0.28115	0.007408	0.01595	HIPK2	chr7	-	1.39E+08	1.39E+08	15049
ENSG0000(	1531.527	2433.858	-0.66775	6.64E-12	3.55E-11	TNPO3	chr7	-	1.29E+08	1.29E+08	3771
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	MEF2BNB-M	chr19	-	19256376	19303400	1804
ENSG0000(	742.3305	440.8469	0.75154	6.83E-09	2.94E-08	RFXANK	chr19	+	19303008	19312678	1391
ENSG0000(	562.0539	922.7296	-0.71324	0.00031	0.000829	TMEM161A	chr19	-	19229978	19249322	1930
ENSG0000(	84.92062	571.3206	-2.7477	3.29E-66	1.11E-64	LPAR2	chr19	-	19734477	19739739	2546
ENSG0000(	1947.331	630.9609	1.6234	6.20E-25	6.46E-24	CTSA	chr20	+	44519591	44527459	2187
ENSG0000(	1723.01	1807.043	-0.06906	0.5794	0.67587	SUGP2	chr19	-	19101697	19144832	5565
ENSG0000(	631.6177	188.5906	1.7409	4.64E-29	5.71E-28	SLC12A2	chr5	+	1.27E+08	1.28E+08	6885
ENSG0000(	207.7585	151.1334	0.4562	0.006985	0.015128	SNX24	chr5	+	1.22E+08	1.22E+08	2158
ENSG0000(	1.45232	29.66146	-4.1977	2.93E-07	1.10E-06	EYA2	chr20	+	45523263	45817492	2702
ENSG0000(	7276.819	7418.966	-0.0278	0.75098	0.81794	CNN2	chr19	+	1026212	1039068	2548
ENSG0000(	78.57638	542.7616	-2.7677	1.08E-20	9.38E-20	ABCA7	chr19	+	1040102	1065571	6816
ENSG0000(	916.812	106.0525	3.0998	6.75E-68	2.34E-66	SNCAIP	chr5	+	1.22E+08	1.22E+08	4986
ENSG0000(	343.8254	666.2702	-0.95052	4.49E-06	1.50E-05	DDX20	chr1	+	1.12E+08	1.12E+08	4332
ENSG0000(	1390.324	732.894	0.92255	1.59E-17	1.20E-16	BTBD1	chr15	-	83685174	83736106	3297
ENSG0000(	130.7921	269.6382	-1.0407	6.46E-08	2.56E-07	FAR2	chr12	+	29302036	29493913	2095
ENSG0000(	2.749709	7.630874	-1.3912	0.14292	0.2177	BCAS1	chr20	-	52553316	52687304	6112
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	POU1F1	chr3	-	87308554	87325737	1491
ENSG0000(	0.685084	0.357707	0.4822	0.78686	NA	CHI3L2	chr1	+	1.12E+08	1.12E+08	2169
ENSG0000(	2274.977	1538.165	0.56259	0.005594	0.012331	SBNO2	chr19	-	1107636	1174282	4922
ENSG0000(	330.0585	442.7865	-0.42152	0.007227	0.015596	PMS1	chr2	+	1.91E+08	1.91E+08	3225
ENSG0000(	1768.174	1695.399	0.060476	0.70397	0.77988	HMG20B	chr19	+	3572775	3579086	2434
ENSG0000(	15.62312	9.52052	0.71215	0.2297	0.32301	CALCRL	chr2	-	1.88E+08	1.88E+08	5223
ENSG0000(	275.5003	379.3275	-0.45893	0.001388	0.003369	TAF11	chr6	-	34845555	34855866	1580
ENSG0000(	1031.248	1553.577	-0.59065	5.23E-07	1.92E-06	ANKS1A	chr6	+	34857042	35059179	6336
ENSG0000(	5395.368	5621.389	-0.05913	0.61412	0.70605	AP3D1	chr19	-	2100988	2164464	5034
ENSG0000(	465.8364	475.9832	-0.03042	0.80089	0.85905	ZNF76	chr6	+	35226686	35263762	4651
ENSG0000(	710.9993	416.5746	0.76753	0.000194	0.000532	SLC9A3R2	chr16	+	2075357	2089027	2194
ENSG0000(	192.059	525.9411	-1.4516	3.97E-24	4.01E-23	NTHL1	chr16	-	2089816	2097867	1067
ENSG0000(	385.7553	792.3211	-1.0365	3.95E-09	1.73E-08	UHRF1BP1	chr6	+	34759857	34850915	9570
ENSG0000(	2087.693	1195.167	0.80368	3.06E-08	1.25E-07	GNAI3	chr1	+	1.1E+08	1.1E+08	3206
ENSG0000(	4160.701	7531.582	-0.85545	4.39E-19	3.53E-18	IPO5	chr13	+	98605912	98676551	6003
ENSG0000(	1745.601	1562.723	0.15952	0.22864	0.32177	OAT	chr10	-	1.26E+08	1.26E+08	2048
ENSG0000(	547.8171	842.7991	-0.61981	0.000152	0.000424	WDR3	chr1	+	1.18E+08	1.19E+08	3858
ENSG0000(	786.2729	473.102	0.73342	8.76E-07	3.14E-06	PKN2	chr1	+	89149905	89301938	6121

ENSG0000(	947.1276	2000.656	-1.0775	5.28E-23	5.10E-22	WDR18	chr19	+	983174	994569	1548
ENSG0000(	5226.347	501.078	3.373	1.72E-66	5.85E-65	TRAM2	chr6	-	52362200	52441713	6908
ENSG0000(	55.95426	162.2885	-1.5192	7.53E-07	2.72E-06	NTN1	chr17	+	8924859	9147317	5954
ENSG0000(	1.555988	0	1.8901	0.28116	NA	GLP2R	chr17	+	9725523	9795419	4572
ENSG0000(	439.6059	807.3631	-0.87366	3.31E-05	9.99E-05	MCM10	chr10	+	13203554	13253104	4587
ENSG0000(	444.9523	202.4153	1.131	4.74E-08	1.90E-07	DGKA	chr12	+	56321103	56347811	5436
ENSG0000(	31.98356	1598.884	-5.6187	3.40E-190	6.65E-188	ERBB3	chr12	+	56473641	56497289	5919
ENSG0000(	0.705622	1.370136	-0.71417	0.6513	0.73678	ROPN1	chr3	-	1.24E+08	1.24E+08	2056
ENSG0000(	432.8939	4.989297	6.3663	1.45E-58	4.08E-57	ANKRD44	chr2	-	1.98E+08	1.98E+08	3686
ENSG0000(	2295.955	3396.944	-0.56412	3.04E-06	1.03E-05	KARS	chr16	-	75661622	75682541	2171
ENSG0000(	790.6608	380.5647	1.0541	9.16E-13	5.22E-12	ADAT1	chr16	-	75630879	75657198	2768
ENSG0000(	1697.667	481.0731	1.8167	3.03E-41	5.48E-40	PDIA5	chr3	+	1.23E+08	1.23E+08	2232
ENSG0000(	140.0784	376.9946	-1.4245	3.79E-13	2.22E-12	TBC1D22B	chr6	+	37225548	37300746	3462
ENSG0000(	1177.426	1609.781	-0.45073	0.000169	0.000467	NDUFB4	chr3	+	1.2E+08	1.2E+08	1426
ENSG0000(	1976.828	1815.887	0.12246	0.19331	0.28077	SPEN	chr1	+	16174359	16266955	12232
ENSG0000(	864.6302	550.8654	0.6485	1.99E-05	6.16E-05	MYLK	chr3	-	1.23E+08	1.24E+08	10027
ENSG0000(	845.634	987.7784	-0.22234	0.40158	0.50634	ZC3H15	chr2	+	1.87E+08	1.87E+08	2138
ENSG0000(	602.1681	522.1555	0.20601	0.17195	0.25447	MAP2K4	chr17	+	11924141	12047147	3856
ENSG0000(	327.5727	249.0525	0.39313	0.146	0.22178	TMEM206	chr1	-	2.13E+08	2.13E+08	2475
ENSG0000(	4.637074	8.635181	-0.85383	0.27176	0.37118	SNAP91	chr6	-	84262599	84419410	4726
ENSG0000(	1566.028	838.1268	0.901	2.13E-09	9.53E-09	SLK	chr10	+	1.06E+08	1.06E+08	7766
ENSG0000(	164.6967	112.4991	0.55264	0.007665	0.016454	CYB5R4	chr6	+	84569362	84670146	2255
ENSG0000(	8.64049	9.484933	-0.12184	0.85283	0.89662	COL17A1	chr10	-	1.06E+08	1.06E+08	5734
ENSG0000(	14.37797	198.2304	-3.7413	2.01E-25	2.14E-24	GSTO2	chr10	+	1.06E+08	1.06E+08	2694
ENSG0000(	201.1088	212.8963	-0.08352	0.62972	0.71935	SEC61A2	chr10	+	12171636	12211960	2462
ENSG0000(	3.330311	503.2966	-7.1246	5.42E-53	1.35E-51	PRKCQ	chr10	-	6469105	6622263	3285
ENSG0000(	53.88882	418.6642	-2.9312	4.42E-35	6.73E-34	TLE2	chr19	-	2997636	3047633	2705
ENSG0000(	1168.903	752.086	0.63554	6.01E-08	2.39E-07	ASB1	chr2	+	2.39E+08	2.39E+08	6994
ENSG0000(	620.0134	534.7749	0.21321	0.1789	0.2629	FAM107B	chr10	-	14560556	14816896	3785
ENSG0000(	692.0211	96.95336	2.8278	3.48E-45	6.98E-44	ME1	chr6	-	83920108	84140797	3371
ENSG0000(	1722.868	2643.242	-0.61651	1.91E-05	5.95E-05	TBC1D1	chr4	+	37892708	38140796	5700
ENSG0000(	1548.202	1109.724	0.47917	0.002205	0.00518	CDK13	chr7	+	39989636	40136733	7298
ENSG0000(	711.6447	1568.853	-1.1381	8.49E-13	4.85E-12	MTHFD2	chr2	+	74425689	74444692	4456
ENSG0000(	266.1933	253.4154	0.070313	0.74802	0.81551	SLC9A7	chrX	-	46464753	46618490	3838
ENSG0000(	782.1947	378.8693	1.0417	9.64E-08	3.77E-07	FOXJ2	chr12	+	8185299	8208099	5523
ENSG0000(	16314.43	20616.81	-0.33743	8.85E-05	0.000254	YBX1	chr1	+	43148098	43168020	1524
ENSG0000(	323.7771	237.0421	0.4446	0.19541	0.28332	PDE4A	chr19	+	10527449	10580305	4603
ENSG0000(	190.3113	518.5814	-1.4393	1.96E-09	8.80E-09	PPP2R5A	chr1	+	2.12E+08	2.13E+08	3123
ENSG0000(	0.36308	87.0899	-7.1313	1.88E-12	1.05E-11	CTNNA2	chr2	+	79412357	80875905	4349
ENSG0000(	2178.85	2593.257	-0.25113	0.007491	0.016116	ELAVL1	chr19	-	8023463	8070543	6015
ENSG0000(	27.7429	21.97634	0.33407	0.47165	0.57635	TIE1	chr1	+	43766664	43788779	3882
ENSG0000(	1499.34	722.906	1.0505	8.44E-13	4.82E-12	DIP2B	chr12	+	50898768	51142450	8593
ENSG0000(	1600.414	3206.7	-1.0022	2.09E-26	2.31E-25	SMARCD1	chr12	+	50478755	50494495	3658
ENSG0000(	1156.683	1376.588	-0.25057	0.034522	0.064351	KDM4A	chr1	+	44115829	44171186	4474
ENSG0000(	727.2355	945.1982	-0.37642	0.036623	0.067844	NFYC	chr1	+	41157320	41237275	2363
ENSG0000(	0.342542	5.376142	-3.2233	0.016337	0.032847	ZMYND12	chr1	-	42896000	42921938	1775
ENSG0000(	210.7635	269.4772	-0.35287	0.24991	0.34629	SLC9A3	chr5	-	473425	524447	2584
ENSG0000(	168.843	94.50628	0.83002	0.007236	0.01561	NGEF	chr2	-	2.34E+08	2.34E+08	3215
ENSG0000(	1792.076	1023.693	0.80328	0.004564	0.010224	ASPM	chr1	-	1.97E+08	1.97E+08	10887
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CD84	chr1	-	1.61E+08	1.61E+08	8181
ENSG0000(	1444.053	324.072	2.1542	9.48E-62	2.86E-60	ELOVL1	chr1	-	43829068	43833696	1477
ENSG0000(	7.915144	8.430413	-0.07962	0.90722	0.93617	SPI1	chr11	-	47376411	47400127	1403
ENSG0000(	75.83165	112.7548	-0.56269	0.024331	0.047077	ZNRD1	chr6	+	30026676	30032686	3672
ENSG0000(	5.414661	14.1691	-1.3101	0.053063	0.09367	MPPED2	chr11	-	30406040	30608419	5591
ENSG0000(	50.68939	5.237772	3.1788	3.22E-08	1.31E-07	CLDN18	chr3	+	1.38E+08	1.38E+08	3520
ENSG0000(	332.3274	202.5693	0.71368	0.000743	0.001882	ZBTB11	chr3	-	1.01E+08	1.01E+08	6020
ENSG0000(	200.1139	332.3062	-0.73093	1.76E-05	5.48E-05	ATXN3	chr14	-	92524896	92572965	6950
ENSG0000(	1044.998	447.4213	1.2231	1.42E-15	9.64E-15	GOLGA5	chr14	+	93260576	93306308	2969
ENSG0000(	20.35269	1674.972	-6.313	9.00E-140	8.80E-138	FGFR2	chr10	-	1.23E+08	1.23E+08	4255
ENSG0000(	366.0694	494.6359	-0.43103	0.037675	0.069593	LRRC40	chr1	-	70610488	70671303	2884
ENSG0000(	307.2151	394.7658	-0.35981	0.014905	0.030213	ISOC1	chr5	+	1.28E+08	1.28E+08	1940
ENSG0000(	691.0188	362.9066	0.9279	8.47E-08	3.32E-07	EML1	chr14	+	1E+08	1E+08	4535
ENSG0000(	192.4678	253.093	-0.3894	0.049123	0.087632	TRMT11	chr6	+	1.26E+08	1.26E+08	2409
ENSG0000(	826.5807	1004.31	-0.27976	0.052499	0.092802	THUMPD1	chr16	-	20744986	20753406	4122
ENSG0000(	412.8922	225.1313	0.87123	2.69E-09	1.20E-08	MSANTD3	chr9	+	1.03E+08	1.03E+08	1991

ENSG0000(	19.19051	2472.109	-6.9866	3.18E-203	7.13E-201	KIF26A	chr14	+	1.05E+08	1.05E+08	6714
ENSG0000(	659.8195	262.7304	1.3246	1.11E-15	7.56E-15	ATG2B	chr14	-	96747595	96830207	11628
ENSG0000(	1024.27	1994.16	-0.96015	1.52E-15	1.02E-14	ARFGEF1	chr8	-	68085747	68255912	7225
ENSG0000(	158.2554	191.3398	-0.27058	0.13512	0.20807	ZFAT	chr8	-	1.35E+08	1.36E+08	5472
ENSG0000(	577.3208	440.9494	0.38711	0.039893	0.073209	MTFR1	chr8	+	66556969	66683496	2640
ENSG0000(	58.35449	199.3359	-1.7639	1.65E-11	8.62E-11	STAG3	chr7	+	99775186	99819111	4450
ENSG0000(	437.4394	345.915	0.33984	0.016492	0.033122	FECH	chr18	-	55215515	55254004	3853
ENSG0000(	882.4604	332.6891	1.4038	1.40E-16	9.96E-16	MYO9A	chr15	-	72114632	72410918	12409
ENSG0000(	1266.182	1491.035	-0.23488	0.19076	0.27755	DDX3Y	chrY	+	15016019	15032390	4445
ENSG0000(	3054.71	2738.792	0.15729	0.21539	0.30642	PFKP	chr10	+	3109712	3179904	2769
ENSG0000(	2201.948	956.534	1.1955	2.67E-05	8.14E-05	IDI1	chr10	-	1085848	1095110	2301
ENSG0000(	432.051	2.338857	7.366	2.35E-44	4.61E-43	SP100	chr2	+	2.31E+08	2.31E+08	3882
ENSG0000(	2621.894	386.4112	2.7605	4.53E-129	4.03E-127	KLF6	chr10	-	3818188	3827473	4656
ENSG0000(	263.3036	411.4895	-0.64344	0.000514	0.001333	PPAP2A	chr5	-	54720682	54830878	1597
ENSG0000(	911.6654	1188.887	-0.38239	0.000557	0.001435	NEO1	chr15	+	73344051	73597547	7342
ENSG0000(	1947.775	1002.349	0.95816	2.83E-16	1.98E-15	TRAM1	chr8	-	71485677	71520622	3394
ENSG0000(	182.0715	314.2581	-0.788	2.82E-06	9.63E-06	PHKA1	chrX	-	71798664	71934167	6173
ENSG0000(	1620.412	622.1735	1.3797	4.51E-38	7.53E-37	TNFRSF1A	chr12	-	6437923	6451280	2223
ENSG0000(	259.6373	135.0695	0.94258	5.43E-08	2.16E-07	CACNB1	chr17	-	37329709	37353956	5308
ENSG0000(	686.7187	137.5074	2.3101	1.36E-27	1.58E-26	EVI5	chr1	-	92974253	93257961	7403
ENSG0000(	173.3156	116.2689	0.57597	0.002896	0.006692	STOML1	chr15	-	74275547	74286963	3060
ENSG0000(	32933.05	18552.05	0.82651	4.39E-08	1.76E-07	PKM	chr15	-	72491370	72524164	3016
ENSG0000(	681.4853	563.1886	0.27513	0.20866	0.29864	DHX29	chr5	-	54552073	54603550	4557
ENSG0000(	714.8955	1050.86	-0.55112	0.077712	0.13025	DNTTIP2	chr1	-	94333373	94345474	4363
ENSG0000(	504.0642	503.4936	0.001357	0.9932	0.99643	METTL22	chr16	+	8715540	8740081	1672
ENSG0000(	2426.438	1087.516	1.1549	5.61E-10	2.64E-09	TP53BP1	chr15	-	43699407	43802926	6346
ENSG0000(	1873.943	939.5501	0.99573	1.18E-18	9.27E-18	TRO	chrX	+	54946895	54957864	4647
ENSG0000(	372.259	561.0405	-0.58798	0.030865	0.058157	RRP15	chr1	+	2.18E+08	2.19E+08	7771
ENSG0000(	9287.135	6122.98	0.60072	6.19E-13	3.57E-12	RHOA	chr3	-	49396578	49450431	2031
ENSG0000(	1191.087	1235.139	-0.0523	0.70276	0.77892	DHX8	chr17	+	41561233	41621831	6215
ENSG0000(	30.12855	12.15639	1.2849	0.012628	0.025993	PMS2P4	chr7	-	66752528	66767894	1052
ENSG0000(	11.41074	686.1255	-5.8535	3.08E-76	1.23E-74	PRKCZ	chr1	+	1981909	2116834	2326
ENSG0000(	180.3752	148.854	0.27754	0.33776	0.44147	ZFY	chrY	+	2803112	2850547	5239
ENSG0000(	1318.436	1697.795	-0.36427	0.000769	0.001941	IARS2	chr1	+	2.2E+08	2.2E+08	3557
ENSG0000(	387.9937	724.8295	-0.89938	9.29E-10	4.30E-09	SYT1	chr12	+	79257773	79845788	4808
ENSG0000(	707.7917	11.09139	5.9415	8.08E-99	4.50E-97	NAV3	chr12	+	78224685	78606790	9821
ENSG0000(	862.9646	607.2129	0.50685	9.07E-05	0.00026	IDH3G	chrX	-	1.53E+08	1.53E+08	1712
ENSG0000(	566.535	483.0291	0.23018	0.082285	0.13685	ROGDI	chr16	-	4846969	4852951	2684
ENSG0000(	63.70575	7535.633	-6.8701	0	0	PDZD4	chrX	-	1.53E+08	1.53E+08	3689
ENSG0000(	5.052394	7.440675	-0.55009	0.4821	0.58639	ATP2B3	chrX	+	1.53E+08	1.53E+08	6742
ENSG0000(	1958.021	1069.829	0.87049	1.19E-06	4.24E-06	ROCK1	chr18	-	18529701	18691812	6650
ENSG0000(	2021.913	735.7642	1.4553	1.98E-28	2.38E-27	CBFB	chr16	+	67063019	67134961	3136
ENSG0000(	168.4808	285.2488	-0.75486	0.000486	0.001265	PDK3	chrX	+	24483338	24557954	1921
ENSG0000(	918.622	891.4775	0.043808	0.77598	0.83917	HYAL2	chr3	-	50355221	50360337	4054
ENSG0000(	580.6445	643.8987	-0.14957	0.32538	0.42829	HDAC4	chr2	-	2.4E+08	2.4E+08	8976
ENSG0000(	502.3286	165.274	1.6009	1.57E-21	1.42E-20	RASSF1	chr3	-	50367219	50378411	2060
ENSG0000(	110.6365	855.8522	-2.9465	8.18E-72	3.02E-70	FGFR3	chr4	+	1795034	1810599	4293
ENSG0000(	118.8413	43.78772	1.4329	3.26E-08	1.32E-07	IFI35	chr17	+	41158742	41166473	1241
ENSG0000(	499.8379	403.7456	0.30756	0.018592	0.036967	HEATR6	chr17	-	58120555	58156292	3932
ENSG0000(	1125.496	1737.942	-0.62648	1.36E-10	6.65E-10	COASY	chr17	+	40713485	40718295	2458
ENSG0000(	859.3628	1161.156	-0.43117	0.15029	0.22748	PLEKHH3	chr17	-	40819932	40829048	4339
ENSG0000(	1505.507	356.2402	2.0769	4.97E-68	1.73E-66	MEF2A	chr15	+	1E+08	1E+08	5824
ENSG0000(	1549.298	1512.733	0.034523	0.75015	0.81726	OTUD5	chrX	-	48779305	48815648	2740
ENSG0000(	1338.063	1648.962	-0.30044	0.010692	0.022331	TFE3	chrX	-	48886242	48901012	3415
ENSG0000(	394.6231	217.2863	0.8551	0.000352	0.000933	TBC1D25	chrX	+	48397845	48420997	4042
ENSG0000(	1471.728	998.1478	0.5598	0.000512	0.001327	ACSL4	chrX	-	1.09E+08	1.09E+08	5333
ENSG0000(	719.1674	437.2003	0.71749	3.60E-10	1.71E-09	INPP5A	chr10	+	1.34E+08	1.35E+08	2962
ENSG0000(	589.5295	423.1948	0.47736	0.000124	0.00035	GPKOW	chrX	-	48970334	48980151	1735
ENSG0000(	871.2607	1003.551	-0.20239	0.094202	0.15365	GRIPAP1	chrX	-	48830134	48858675	3278
ENSG0000(	834.2318	599.5371	0.47696	0.000108	0.000307	FTSJ1	chrX	+	48334541	48344752	1986
ENSG0000(	1085.285	1030.645	0.07428	0.50799	0.61155	PRR11	chr17	+	57232860	57282066	2334
ENSG0000(	10.42419	13.6706	-0.37211	0.54362	0.64403	REEP1	chr2	-	86441116	86565206	3857
ENSG0000(	680.4104	2401.32	-1.8171	2.09E-48	4.57E-47	ATP11A	chr13	+	1.13E+08	1.14E+08	8858
ENSG0000(	2102.823	2079.671	0.016052	0.93997	0.96067	POLR1A	chr2	-	86247339	86333278	12749
ENSG0000(	4327.945	3458.229	0.32354	0.000189	0.000519	LAPTM4A	chr2	-	20232411	20251789	1765

ENSG0000(	460.8254	548.7357	-0.25259	0.089907	0.14763	TTC7A	chr2	+	47143296	47303276	5157
ENSG0000(	1186.459	1403.948	-0.24245	0.014733	0.029886	IP6K2	chr3	-	48725436	48777786	2490
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	STON1-GTF	chr2	+	48757064	49003654	3824
ENSG0000(	386.2791	398.6248	-0.0428	0.80806	0.86454	SRBD1	chr2	-	45615819	45839304	3681
ENSG0000(	3210.593	3283.583	-0.0323	0.77141	0.83538	CYFIP1	chr15	+	22892005	23006016	6863
ENSG0000(	1007.527	780.9093	0.36767	0.013723	0.02803	KIF2A	chr5	+	61601989	61833076	3360
ENSG0000(	8.995011	284.1658	-4.9235	1.65E-32	2.32E-31	RASGRP2	chr11	-	64494383	64512928	2983
ENSG0000(	1951.24	1843.112	0.082218	0.42299	0.52841	PSME4	chr2	-	54091204	54197977	7099
ENSG0000(	204.6208	98.91443	1.0428	5.89E-08	2.34E-07	IFT80	chr3	-	1.6E+08	1.6E+08	4306
ENSG0000(	780.2605	159.6617	2.2826	1.56E-29	1.96E-28	SIRT2	chr19	-	39369197	39390502	4734
ENSG0000(	1270.949	487.9798	1.3779	5.72E-23	5.52E-22	ERLEC1	chr2	+	54014181	54045956	2433
ENSG0000(	380.0471	99.88732	1.9177	8.05E-19	6.39E-18	PPP2R5B	chr11	+	64685025	64701945	2745
ENSG0000(	1.597063	129.1012	-6.0674	1.46E-20	1.27E-19	PYGM	chr11	-	64513861	64527769	3198
ENSG0000(	328.475	3.339132	6.5112	2.67E-43	5.14E-42	PITX1	chr5	-	1.34E+08	1.34E+08	3216
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	TRPC7	chr5	-	1.36E+08	1.36E+08	2987
ENSG0000(	314.5111	165.432	0.92393	7.62E-07	2.75E-06	MAST4	chr5	+	65892176	66465423	10733
ENSG0000(	289.8799	0	9.5605	5.06E-19	4.06E-18	GPR116	chr6	-	46820249	46922680	5810
ENSG0000(	658.109	1138.48	-0.78787	0.000351	0.000931	SDK2	chr17	-	71330523	71640228	10723
ENSG0000(	911.5323	1332.384	-0.54672	3.60E-06	1.21E-05	NUP133	chr1	-	2.3E+08	2.3E+08	4169
ENSG0000(	7145.019	7901.46	-0.14509	0.068328	0.11665	NUCKS1	chr1	-	2.06E+08	2.06E+08	6496
ENSG0000(	2028.504	1211.908	0.74283	4.52E-08	1.81E-07	VPS35	chr16	-	46690054	46723430	6780
ENSG0000(	1073.652	2340.246	-1.1229	7.63E-32	1.04E-30	DNAJA2	chr16	-	46989299	47007699	3097
ENSG0000(	281.4763	128.6223	1.1173	0.000989	0.002456	BCL3	chr19	+	45250962	45263301	2038
ENSG0000(	254.122	128.3123	0.97688	0.000552	0.001424	KCNAB2	chr1	+	6051526	6161253	4273
ENSG0000(	8.268851	0.357707	3.8541	0.002102	0.004957	ABCC9	chr12	-	21950335	22094336	8293
ENSG0000(	146.089	1177.312	-3.0077	2.56E-76	1.03E-74	GAL	chr11	+	68451247	68458643	818
ENSG0000(	83.4049	50.30171	0.72647	0.019449	0.03849	CLEC2D	chr12	+	9809270	9848413	1855
ENSG0000(	157.9314	207.8185	-0.39384	0.039803	0.073055	FUNDC1	chrX	-	44382885	44402247	1196
ENSG0000(	22.60656	28.30106	-0.32507	0.44854	0.55396	MAOB	chrX	-	43625858	43741693	2566
ENSG0000(	106.1552	111.7887	-0.07321	0.80787	0.86441	RORA	chr15	-	60780483	61521518	10844
ENSG0000(	34.12096	174.5392	-2.3344	7.63E-13	4.37E-12	DRD4	chr11	+	637293	640706	1375
ENSG0000(	79.00588	52.37429	0.58769	0.030335	0.057308	TGFBR3	chr1	-	92145902	92371892	6416
ENSG0000(	27.06637	38.5993	-0.50045	0.2808	0.38176	KIAA1107	chr1	+	92632542	92650280	4622
ENSG0000(	0.975385	2.261179	-0.95883	0.50745	0.61101	PLA2G10	chr16	-	14766405	14788526	997
ENSG0000(	15.44928	29.28764	-0.90795	0.11121	0.17679	HES2	chr1	-	6472478	6484730	4262
ENSG0000(	1342.801	2194.775	-0.70878	2.33E-13	1.38E-12	ATP1B3	chr3	+	1.42E+08	1.42E+08	1951
ENSG0000(	618.1735	79.99136	2.9462	1.73E-54	4.41E-53	NEDD4	chr15	-	56119120	56285944	7235
ENSG0000(	87.18484	37.28334	1.2189	2.75E-05	8.37E-05	PIGB	chr15	+	55611158	55647846	2172
ENSG0000(	1629.32	1952.045	-0.25947	0.19091	0.27771	MAPK6	chr15	+	52244303	52358462	4238
ENSG0000(	358.921	396.9924	-0.14538	0.43909	0.54478	GNB5	chr15	-	52413117	52483566	3091
ENSG0000(	322.4176	53.80029	2.5743	1.90E-39	3.30E-38	RAB27A	chr15	-	55495164	55611311	3459
ENSG0000(	436.4085	1996.913	-2.1904	5.69E-65	1.86E-63	CECR5	chr22	-	17618401	17646177	3614
ENSG0000(	1344.217	906.0498	0.5687	3.39E-05	0.000102	UFD1L	chr22	-	19437464	19466738	5038
ENSG0000(	920.9182	963.5485	-0.06518	0.54821	0.64828	LRP6	chr12	-	12268959	12419946	10020
ENSG0000(	0.342542	86.20127	-7.1228	1.91E-12	1.06E-11	GUCY2C	chr12	-	14765576	14849519	3834
ENSG0000(	4.637074	53.81405	-3.4614	5.92E-11	2.98E-10	SCT	chr11	-	626431	627143	366
ENSG0000(	2353.65	2636.643	-0.16343	0.10946	0.17425	PHRF1	chr11	+	576486	612222	5523
ENSG0000(	1104.534	1002.297	0.14099	0.2563	0.35368	IKBKAP	chr9	-	1.12E+08	1.12E+08	5905
ENSG0000(	1163.183	114.222	3.346	7.41E-89	3.64E-87	NUCB2	chr11	+	17229700	17371521	3402
ENSG0000(	2616.952	1531.386	0.77183	5.39E-11	2.73E-10	PFN2	chr3	-	1.5E+08	1.5E+08	2261
ENSG0000(	260.735	69.19799	1.903	6.71E-21	5.89E-20	PTPN3	chr9	-	1.12E+08	1.12E+08	8765
ENSG0000(	48.77628	247.6481	-2.3325	1.06E-29	1.34E-28	SPTB	chr14	-	65213002	65346601	10063
ENSG0000(	1.411244	0	1.7307	0.32696	NA	DAPP1	chr4	+	1.01E+08	1.01E+08	2955
ENSG0000(	9.096887	2.324288	1.8473	0.034564	0.064416	FGF10	chr5	-	44303646	44389808	2193
ENSG0000(	640.2176	1427.971	-1.1551	9.61E-23	9.17E-22	SLC44A1	chr9	+	1.08E+08	1.08E+08	10511
ENSG0000(	218.77	145.6681	0.58554	0.00063	0.001611	TMEM260	chr14	+	56955072	57117324	4264
ENSG0000(	1489.902	1052.215	0.50086	1.12E-06	3.98E-06	SMG6	chr17	-	1963133	2207065	6331
ENSG0000(	1554.408	1001.351	0.63355	0.00058	0.001492	EXOC5	chr14	-	57670518	57735726	7296
ENSG0000(	381.5726	250.2146	0.60727	0.00054	0.001394	CLTCL1	chr22	-	19166986	19279239	5513
ENSG0000(	1.774324	11.86508	-2.5956	0.004874	0.010873	FGF22	chr19	+	639588	643703	1712
ENSG0000(	233.8353	190.862	0.29016	0.35402	0.45819	FSTL3	chr19	+	676392	683385	2501
ENSG0000(	2216.677	2428.489	-0.13139	0.32818	0.43124	DGCR2	chr22	-	19023795	19109967	4814
ENSG0000(	1135.342	1721.116	-0.59882	2.66E-06	9.12E-06	RNF126	chr19	-	647526	663209	2092
ENSG0000(	585.9817	361.3664	0.69516	0.002319	0.005429	MNT	chr17	-	2287354	2304412	4996
ENSG0000(	549.0778	709.0017	-0.36813	0.00125	0.003054	ZXDC	chr3	-	1.26E+08	1.26E+08	4639

ENSG0000(	591.6088	272.3052	1.1158	9.77E-13	5.55E-12	JMJD6	chr17	-	74708919	74722866	5298
ENSG0000(	253.8527	366.7277	-0.53142	0.000187	0.000515	POLB	chr8	+	42195972	42229326	1341
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	ST6GALNA(	chr17	-	74620843	74639920	2657
ENSG0000(	983.886	183.8508	2.4141	3.83E-47	8.05E-46	WIPI1	chr17	-	66417089	66453654	1886
ENSG0000(	0	5.741971	-4.0379	0.004201	0.009456	FRMPD1	chr9	+	37650997	37746901	5465
ENSG0000(	1067.936	2044.557	-0.93611	1.28E-21	1.16E-20	GBA2	chr9	-	35736863	35749983	3757
ENSG0000(	4249.206	2353.937	0.85022	8.38E-07	3.01E-06	NDST1	chr5	+	1.5E+08	1.5E+08	8030
ENSG0000(	776.0589	1855.972	-1.256	8.62E-27	9.71E-26	ASNS	chr7	-	97481430	97501854	2356
ENSG0000(	285.3442	234.5319	0.28286	0.10216	0.16422	AP3M2	chr8	+	42010464	42029191	3669
ENSG0000(	0	1.652581	-2.1974	0.1871	NA	CNGB1	chr16	-	57917503	58005020	4364
ENSG0000(	9.845377	32.72547	-1.6972	0.000554	0.001428	ST6GALNA(	chr17	-	74559792	74583038	5654
ENSG0000(	2.67693	0	2.9076	0.061873	0.10715	CHAT	chr10	+	50817141	50901925	2528
ENSG0000(	9635.512	21303.95	-1.1441	4.62E-40	8.13E-39	PABPC1	chr8	-	1.02E+08	1.02E+08	3485
ENSG0000(	56.75287	335.5291	-2.5435	2.75E-14	1.72E-13	TESK2	chr1	-	45809555	45956872	3074
ENSG0000(	319.6561	403.8839	-0.33722	0.03434	0.064047	C16orf80	chr16	-	58147496	58163354	1605
ENSG0000(	1209.269	1996.851	-0.72278	6.75E-14	4.12E-13	CSNK2A2	chr16	-	58191811	58231824	4978
ENSG0000(	951.5034	221.5838	2.1002	4.83E-41	8.73E-40	PTPN21	chr14	-	88932122	89021077	6166
ENSG0000(	453.0798	414.0318	0.13032	0.30853	0.41023	EIF2B3	chr1	-	45316450	45452282	1659
ENSG0000(	12.44855	7.256181	0.71084	0.42589	0.53124	CAMK2A	chr5	-	1.5E+08	1.5E+08	5322
ENSG0000(	2016.5	5933.127	-1.5554	5.62E-44	1.10E-42	TCOF1	chr5	+	1.5E+08	1.5E+08	5240
ENSG0000(	5078.997	3092.891	0.71526	1.39E-14	8.88E-14	CDC42	chr1	+	22379120	22419437	2254
ENSG0000(	509.0567	357.9332	0.50587	0.000117	0.00033	OSBPL3	chr7	-	24836158	25021253	6760
ENSG0000(	0	84.87566	-7.8997	1.12E-12	6.36E-12	EPHA8	chr1	+	22890057	22930087	4943
ENSG0000(	0.580602	0	0.8036	0.6494	NA	SLC12A3	chr16	+	56899119	56949762	5567
ENSG0000(	333.63	451.0163	-0.43495	0.00473	0.010573	RAD18	chr3	-	8817088	9005457	5886
ENSG0000(	1488.255	616.9503	1.2689	2.01E-15	1.35E-14	ATP2B1	chr12	-	89981828	90103077	7032
ENSG0000(	0.580602	2.529055	-1.6094	0.26827	0.36709	TRPM5	chr11	-	2425745	2444275	3932
ENSG0000(	1792.898	1660.593	0.11041	0.38424	0.48842	NCK2	chr2	+	1.06E+08	1.07E+08	2683
ENSG0000(	11660.09	3084.163	1.9166	2.57E-59	7.35E-58	MAP4K4	chr2	+	1.02E+08	1.03E+08	6958
ENSG0000(	241.3706	83.22475	1.5249	9.98E-09	4.24E-08	MGAT4A	chr2	-	99235569	99347589	8382
ENSG0000(	6629.363	9567.766	-0.52884	1.03E-07	4.02E-07	RPL31	chr2	+	1.02E+08	1.02E+08	2328
ENSG0000(	8010.127	7251.339	0.14348	0.27509	0.37514	WDR1	chr4	-	10075963	10118573	4482
ENSG0000(	521.1306	301.6416	0.78909	9.10E-06	2.94E-05	SNX13	chr7	-	17832466	17980124	6816
ENSG0000(	0	1.577319	-1.9089	0.27608	NA	MS4A12	chr11	+	60260251	60274903	1167
ENSG0000(	798.3917	189.3392	2.0741	2.14E-42	4.00E-41	ARHGAP10	chr4	+	1.49E+08	1.49E+08	8188
ENSG0000(	1224.731	845.7062	0.53292	0.000345	0.000917	RPS6KA2	chr6	-	1.67E+08	1.67E+08	5992
ENSG0000(	199.6917	229.936	-0.20013	0.59563	0.68992	ING3	chr7	+	1.21E+08	1.21E+08	3777
ENSG0000(	4255.912	276.3584	3.9283	7.01E-73	2.65E-71	VASH1	chr14	+	77228532	77249354	5724
ENSG0000(	671.7154	88.51408	2.9138	2.29E-45	4.61E-44	LMCD1	chr3	+	8543393	8609805	1851
ENSG0000(	1411.474	1363.78	0.049811	0.73135	0.80153	WBSCR22	chr7	+	73097355	73119491	3886
ENSG0000(	1925.602	443.5751	2.1163	5.29E-93	2.76E-91	SEL1L	chr14	-	81937893	82000205	7925
ENSG0000(	706.1569	856.1656	-0.27719	0.084979	0.14066	TRIP13	chr5	+	892758	919472	2672
ENSG0000(	2759.261	1086.992	1.3432	1.35E-42	2.54E-41	ATP6AP1	chrX	+	1.54E+08	1.54E+08	4515
ENSG0000(	6981.881	7636.915	-0.12926	0.16418	0.24495	TCF3	chr19	-	1609291	1652604	4723
ENSG0000(	8065.377	1804.893	2.158	2.69E-113	1.88E-111	TRIB2	chr2	+	12857015	12882860	4391
ENSG0000(	2799.317	6073.753	-1.1168	7.27E-33	1.03E-31	DAZAP1	chr19	+	1407584	1435719	3940
ENSG0000(	1667.161	1669.013	-0.00144	0.99351	0.99653	MBD3	chr19	-	1576639	1592882	2782
ENSG0000(	758.9516	1074.729	-0.50046	0.002738	0.006353	HLTF	chr3	-	1.49E+08	1.49E+08	5317
ENSG0000(	1576.832	708.1349	1.1536	1.02E-24	1.05E-23	FAM50A	chrX	+	1.54E+08	1.54E+08	1470
ENSG0000(	517.1981	445.6883	0.21419	0.092322	0.15111	FAM3A	chrX	-	1.54E+08	1.54E+08	3997
ENSG0000(	3931.535	3941.575	-0.00366	0.97467	0.98581	CPSF1	chr8	-	1.46E+08	1.46E+08	4510
ENSG0000(	4.305697	8.876335	-0.99731	0.19783	0.28597	MYO3B	chr2	+	1.71E+08	1.72E+08	6084
ENSG0000(	1544.563	112.8674	3.7707	2.13E-119	1.64E-117	CYBRD1	chr2	+	1.72E+08	1.72E+08	4365
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CDH19	chr18	-	64168320	64271375	6341
ENSG0000(	695.4573	1695.461	-1.2847	1.43E-33	2.08E-32	PDCD2	chr6	-	1.71E+08	1.71E+08	3378
ENSG0000(	181.4072	447.981	-1.3013	2.43E-19	1.98E-18	SLC6A15	chr12	-	85253492	85307394	4229
ENSG0000(	2362.666	1604.92	0.55727	3.78E-05	0.000113	RDH11	chr14	-	68143518	68162531	4035
ENSG0000(	2240.741	758.5622	1.559	2.33E-29	2.90E-28	PRKACA	chr19	-	14202500	14228896	3105
ENSG0000(	966.7739	3684.641	-1.9253	5.27E-30	6.72E-29	LPHN1	chr19	-	14260750	14316999	5658
ENSG0000(	0.342542	0	0.4146	0.81455	NA	SPP2	chr2	+	2.35E+08	2.35E+08	1024
ENSG0000(	15659.55	5444.805	1.5232	1.17E-64	3.77E-63	ACTN1	chr14	-	69340860	69446157	4674
ENSG0000(	946.7927	752.4206	0.33163	0.036218	0.06717	ZFYVE26	chr14	-	68194091	68283307	9675
ENSG0000(	35.57149	167.8614	-2.2238	2.05E-15	1.37E-14	RPS6KA6	chrX	-	83318984	83442933	2547
ENSG0000(	729.08	686.4268	0.086234	0.70453	0.78043	EPN2	chr17	+	19118928	19240028	4871
ENSG0000(	512.0629	344.9541	0.56712	0.003645	0.00829	PTPN18	chr2	+	1.31E+08	1.31E+08	3669

ENSG0000(	148.6223	36.24506	2.0256	1.72E-15	1.16E-14	LIMS2	chr2	-	1.28E+08	1.28E+08	4807
ENSG0000(	0.632843	15.52721	-4.0441	0.000262	0.000708	ASIC4	chr2	+	2.2E+08	2.2E+08	3340
ENSG0000(	2755.142	1230.267	1.157	4.00E-06	1.35E-05	SPEG	chr2	+	2.2E+08	2.2E+08	10782
ENSG0000(	23.67184	109.2685	-2.1779	3.48E-11	1.78E-10	LNX1	chr4	-	54325468	54567572	3757
ENSG0000(	439.353	1358.849	-1.6263	1.05E-28	1.27E-27	ALDH3A2	chr17	+	19551449	19580911	3928
ENSG0000(	935.5501	932.6469	0.003316	0.97897	0.98832	TFRC	chr3	-	1.96E+08	1.96E+08	5111
ENSG0000(	3926.517	2796.929	0.48724	0.042749	0.077668	SREBF1	chr17	-	17713713	17740325	4653
ENSG0000(	0	17.38127	-5.7248	1.92E-06	6.69E-06	TRPC5	chrX	-	1.11E+08	1.11E+08	5839
ENSG0000(	4144.307	1463.476	1.5006	5.08E-64	1.62E-62	AFF4	chr5	-	1.32E+08	1.32E+08	9552
ENSG0000(	283.0051	447.6983	-0.65987	0.000126	0.000354	UBE2D1	chr10	+	60094735	60129403	1549
ENSG0000(	495.7938	512.7985	-0.0477	0.73817	0.80694	MPP5	chr14	+	67707826	67802536	5552
ENSG0000(	749.5375	312.989	1.2585	3.70E-25	3.90E-24	RHOBTB1	chr10	-	62629196	62761198	4473
ENSG0000(	1.597063	0	1.9181	0.27352	NA	ASAH2C	chr10	-	48001603	48055018	2050
ENSG0000(	2859.488	3359.167	-0.2319	0.034502	0.06432	SMC1A	chrX	-	53401070	53449677	9784
ENSG0000(	759.4307	1199.638	-0.65761	6.53E-06	2.15E-05	HSD17B10	chrX	-	53458206	53461320	960
ENSG0000(	988.6155	1955.013	-0.98163	4.15E-09	1.81E-08	MARK2	chr11	+	63606400	63678491	4728
ENSG0000(	387.2963	786.8645	-1.0189	2.22E-07	8.43E-07	HMMR	chr5	+	1.63E+08	1.63E+08	3101
ENSG0000(	363.6186	533.8064	-0.55273	0.000855	0.002144	CHFR	chr12	-	1.33E+08	1.33E+08	3258
ENSG0000(	100.5978	70.42485	0.50724	0.035367	0.065778	TRHDE	chr12	+	72481046	73059422	5618
ENSG0000(	1792.777	159.2191	3.4757	1.67E-40	2.98E-39	P4HA2	chr5	-	1.32E+08	1.32E+08	3349
ENSG0000(	0.653381	0	0.82678	0.64037	NA	FCGR2B	chr1	+	1.62E+08	1.62E+08	4680
ENSG0000(	398.6111	279.1089	0.51088	0.001204	0.002949	NFATC3	chr16	+	68118654	68263162	6328
ENSG0000(	330.122	319.6835	0.046767	0.86788	0.90794	TRNT1	chr3	+	3168600	3192563	2276
ENSG0000(	3357.937	1536.841	1.126	6.19E-24	6.19E-23	ACADVL	chr17	+	7120444	7128592	2352
ENSG0000(	2062.943	583.8572	1.817	1.03E-38	1.76E-37	STK10	chr5	-	1.71E+08	1.72E+08	6060
ENSG0000(	1191.128	775.9195	0.61725	1.55E-07	5.97E-07	FBXW11	chr5	-	1.71E+08	1.71E+08	4539
ENSG0000(	78.58894	332.4149	-2.068	6.24E-17	4.55E-16	ACAP1	chr17	+	7239848	7254797	4898
ENSG0000(	2078.061	3734.95	-0.84487	4.39E-15	2.89E-14	CRMP1	chr4	-	5749811	5894785	3146
ENSG0000(	1796.646	235.6093	2.9242	8.21E-94	4.36E-92	EVC	chr4	+	5712924	5830772	7063
ENSG0000(	677.8683	376.9655	0.84351	0.00026	0.000703	DERL2	chr17	-	5374571	5390131	4209
ENSG0000(	4.232918	3.905639	0.12399	0.91358	0.941	SIDT1	chr3	+	1.13E+08	1.13E+08	5080
ENSG0000(	646.1214	387.5234	0.73674	1.56E-06	5.46E-06	NDE1	chr16	+	15737124	15820210	3936
ENSG0000(	16.78595	133.0547	-2.963	4.39E-14	2.71E-13	MRVI1	chr11	-	10594638	10715535	6208
ENSG0000(	11.3928	190.6733	-4.0332	3.54E-26	3.88E-25	TMEM38A	chr19	+	16771938	16800840	2649
ENSG0000(	1826.65	609.0727	1.5825	4.89E-25	5.11E-24	AP1M1	chr19	+	16308389	16346160	2635
ENSG0000(	1227.776	362.2245	1.757	9.78E-23	9.32E-22	PVR	chr19	+	45147098	45166850	3325
ENSG0000(	166.6309	92.05073	0.85271	0.000123	0.000346	IKBKG	chrX	+	1.54E+08	1.54E+08	5465
ENSG0000(	535.8825	513.4951	0.061327	0.63357	0.7224	XRCC1	chr19	-	44047192	44084625	2802
ENSG0000(	2322.153	1464.945	0.66413	5.37E-12	2.90E-11	SCARB1	chr12	-	1.25E+08	1.25E+08	5527
ENSG0000(	8.373333	15.68015	-0.88181	0.21163	0.302	CYP2W1	chr7	+	1022835	1029276	2361
ENSG0000(	1954.161	4744.891	-1.2758	5.88E-11	2.97E-10	MCM2	chr3	+	1.27E+08	1.27E+08	3619
ENSG0000(	1.524285	4.242329	-1.2654	0.27035	0.36948	MOV10L1	chr22	+	50528308	50600119	3960
ENSG0000(	50.10537	284.1218	-2.4915	1.83E-25	1.95E-24	PANX2	chr22	+	50609160	50618723	3051
ENSG0000(	620.5667	744.8066	-0.26391	0.075151	0.12671	SELO	chr22	+	50639408	50656045	2315
ENSG0000(	2.023549	2.711133	-0.37171	0.74884	0.81623	TP63	chr3	+	1.89E+08	1.9E+08	4909
ENSG0000(	226.668	10.38484	4.4239	1.75E-41	3.18E-40	ALPK1	chr4	+	1.13E+08	1.13E+08	5633
ENSG0000(	16.11896	1984.255	-6.8604	4.49E-124	3.76E-122	LLGL2	chr17	+	73521161	73571289	3527
ENSG0000(	464.3742	109.9622	2.0674	1.66E-24	1.70E-23	PDE8A	chr15	+	85523671	85682376	4664
ENSG0000(	170.4007	125.3322	0.44063	0.018687	0.037133	CLCN4	chrX	+	10125024	10205700	6750
ENSG0000(	428.299	911.9732	-1.0867	8.17E-15	5.30E-14	NLE1	chr17	-	33455772	33469334	5286
ENSG0000(	1654.245	2182.237	-0.39852	0.035033	0.065201	SDHA	chr5	+	218356	256815	3001
ENSG0000(	650.1281	605.4065	0.10256	0.42056	0.52595	SMARCE1	chr17	-	38781214	38804760	5840
ENSG0000(	4.077009	3.47267	0.2191	0.82864	0.87932	FNDC8	chr17	+	33448598	33457751	1388
ENSG0000(	226.6204	272.8348	-0.26634	0.39847	0.50307	GSDMB	chr17	-	38060848	38076107	4655
ENSG0000(	1215.102	720.0426	0.75508	3.63E-10	1.72E-09	KDM5A	chr12	-	389295	498620	10763
ENSG0000(	29.26295	95.5931	-1.6791	4.24E-06	1.42E-05	ADAM11	chr17	+	42836399	42859214	4571
ENSG0000(	675.3895	273.0735	1.3067	1.98E-18	1.55E-17	PPP2R3A	chr3	+	1.36E+08	1.36E+08	6795
ENSG0000(	2490.621	1351.45	0.88173	1.10E-18	8.68E-18	FERMT2	chr14	-	53323986	53419153	6001
ENSG0000(	2.31385	0.343138	2.0527	0.17691	0.26046	ABCB11	chr2	-	1.7E+08	1.7E+08	4775
ENSG0000(	86.21304	0.937167	6.0957	3.47E-15	2.30E-14	DHRS9	chr2	+	1.7E+08	1.7E+08	2864
ENSG0000(	215.3533	19.49179	3.4441	1.29E-23	1.28E-22	PTGS2	chr1	-	1.87E+08	1.87E+08	4514
ENSG0000(	2609.205	3033.844	-0.21736	0.12707	0.19802	IGF2BP2	chr3	-	1.85E+08	1.86E+08	3688
ENSG0000(	148.6144	115.2046	0.36804	0.069627	0.1186	MAP3K13	chr3	+	1.85E+08	1.85E+08	9876
ENSG0000(	472.4786	2150.157	-2.1835	6.75E-55	1.74E-53	ST6GAL1	chr3	+	1.87E+08	1.87E+08	4893
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	TBX21	chr17	+	45810610	45823485	2572

ENSG0000(	2.334388	2.261179	0.026806	0.98229	0.99011	VDAC1P1	chrX	+	80184999	80185846	848
ENSG0000(	360.0644	97.11698	1.8867	5.51E-24	5.53E-23	FRY	chr13	+	32605437	32870794	10735
ENSG0000(	3151.47	825.4988	1.9313	6.09E-83	2.69E-81	PICALM	chr11	-	85668727	85780924	3613
ENSG0000(	617.0481	296.5869	1.0553	1.44E-14	9.21E-14	NSF	chr17	+	44668035	44834830	3983
ENSG0000(	1174.816	1323.577	-0.17223	0.13508	0.20805	GLI2	chr2	+	1.21E+08	1.22E+08	6799
ENSG0000(	1922.644	1294.037	0.57118	1.70E-09	7.68E-09	CLASP1	chr2	-	1.22E+08	1.22E+08	8090
ENSG0000(	1370.172	3060.151	-1.1578	1.21E-26	1.36E-25	MRPS34	chr16	-	1821891	1823156	1040
ENSG0000(	5615.61	6850.506	-0.2863	0.033444	0.06254	NOTCH3	chr19	-	15270444	15311792	8071
ENSG0000(	756.8078	1460.223	-0.94674	1.24E-13	7.42E-13	CLNS1A	chr11	-	77225981	77348850	2993
ENSG0000(	1.016461	313.8808	-7.9045	1.31E-27	1.52E-26	PPP2R2C	chr4	-	6322305	6565327	4538
ENSG0000(	2031.449	2077.855	-0.03217	0.78161	0.84337	TEAD2	chr19	-	49843852	49865714	2440
ENSG0000(	346.8505	410.7381	-0.24526	0.077534	0.13005	EED	chr11	+	85955586	85989855	2767
ENSG0000(	33.44346	16.44968	1.0141	0.02819	0.053726	CDHR2	chr5	+	1.76E+08	1.76E+08	4509
ENSG0000(	1.338465	149.8523	-6.5357	6.03E-21	5.31E-20	SNCB	chr5	-	1.76E+08	1.76E+08	1383
ENSG0000(	924.8245	737.5094	0.32709	0.017883	0.035683	TSG101	chr11	-	18489883	18548779	2101
ENSG0000(	1017.583	580.9426	0.80734	1.24E-06	4.39E-06	C17orf85	chr17	-	3714460	3749545	4096
ENSG0000(	52.81481	1518.294	-4.8345	1.36E-144	1.45E-142	ATP2A3	chr17	-	3827169	3867736	4799
ENSG0000(	489.5053	45.69032	3.4107	7.05E-65	2.30E-63	CA12	chr15	-	63613577	63674360	6413
ENSG0000(	1088.839	21.59762	5.6401	8.72E-145	9.39E-143	MGLL	chr3	-	1.27E+08	1.28E+08	4941
ENSG0000(	64.41912	50.10116	0.35492	0.40075	0.50543	NTN4	chr12	-	96051583	96184930	3615
ENSG0000(	420.5799	384.0998	0.13115	0.37372	0.47808	BCS1L	chr2	+	2.2E+08	2.2E+08	2015
ENSG0000(	1297.74	714.8814	0.8563	0.000796	0.002005	NUAK1	chr12	-	1.06E+08	1.07E+08	6828
ENSG0000(	816.8475	440.7385	0.88815	1.18E-09	5.40E-09	DPP8	chr15	-	65734801	65810042	8699
ENSG0000(	177.7815	169.4324	0.066342	0.71959	0.79258	SLC24A1	chr15	+	65903704	65953333	5768
ENSG0000(	3925.14	3093.183	0.34331	0.006461	0.014083	ZNF532	chr18	+	56529832	56653712	6696
ENSG0000(	341.8949	55.72894	2.5974	2.73E-19	2.22E-18	SCARF1	chr17	-	1537152	1549041	3443
ENSG0000(	5873.371	1093.05	2.4227	4.85E-65	1.59E-63	LMAN1	chr18	-	56995055	57027194	5521
ENSG0000(	2996.69	2897.149	0.048595	0.59363	0.68829	PTPLAD1	chr15	+	65822756	65870687	3225
ENSG0000(	1.379541	15.40898	-3.2858	0.000226	0.000613	IPCEF1	chr6	-	1.54E+08	1.55E+08	6689
ENSG0000(	1314.555	732.1862	0.84361	4.22E-12	2.30E-11	ZZEF1	chr17	-	3907739	4046314	11456
ENSG0000(	27773.04	42259.12	-0.60462	1.56E-05	4.91E-05	ENO1	chr1	-	8921061	8939308	2266
ENSG0000(	10.46966	20.71624	-0.94206	0.2171	0.30845	SLC12A1	chr15	+	48483861	48596275	8632
ENSG0000(	4227.256	1071.035	1.9797	7.82E-104	4.77E-102	C19orf10	chr19	-	4641386	4670382	1018
ENSG0000(	951.0201	862.8614	0.13995	0.32125	0.42405	ANO8	chr19	-	17434032	17445638	4618
ENSG0000(	116.8802	171.2873	-0.54971	0.007276	0.015684	TUBE1	chr6	-	1.12E+08	1.12E+08	3610
ENSG0000(	418.0204	1358.443	-1.6963	6.86E-29	8.36E-28	ARHGEF10l	chr1	+	17866330	18024369	4585
ENSG0000(	0.290301	4.997418	-3.1039	0.028112	0.053611	TXK	chr4	-	48068410	48136273	2914
ENSG0000(	0	28.85467	-6.4034	5.33E-08	2.13E-07	WSCD2	chr12	+	1.09E+08	1.09E+08	4710
ENSG0000(	74.93499	1925.467	-4.6586	4.59E-110	3.07E-108	KCNQ2	chr20	-	62037542	62103993	3275
ENSG0000(	4.055658	4.587883	-0.14672	0.88514	0.91974	TACR2	chr10	-	71163659	71176623	2083
ENSG0000(	249.1924	334.6377	-0.4246	0.009061	0.019191	ACTR6	chr12	+	1.01E+08	1.01E+08	2464
ENSG0000(	144.1855	261.6445	-0.85441	0.000336	0.000894	TIPIN	chr15	-	66628544	66679084	1744
ENSG0000(	802.475	717.8236	0.16158	0.17524	0.25845	SRI	chr7	-	87834433	87856308	2010
ENSG0000(	3087.479	1676.836	0.87997	1.43E-22	1.35E-21	EIF4G3	chr1	-	21132963	21503377	6196
ENSG0000(	158.5856	355.0907	-1.1603	1.02E-12	5.81E-12	NUP37	chr12	-	1.02E+08	1.03E+08	1286
ENSG0000(	3145.522	374.9453	3.058	7.23E-44	1.41E-42	SEMA3A	chr7	-	83587659	84122040	5659
ENSG0000(	1193.417	1162.242	0.038093	0.78653	0.84737	GTSE1	chr22	+	46692638	46726707	3112
ENSG0000(	9430.262	72.00103	6.8795	1.99E-39	3.45E-38	SEMA3C	chr7	-	80371854	80551675	5174
ENSG0000(	601.5396	336.4092	0.8375	6.62E-11	3.32E-10	TTC38	chr22	+	46663858	46689905	2610
ENSG0000(	397.5975	288.3705	0.46208	0.009516	0.020075	ACAT1	chr11	+	1.08E+08	1.08E+08	2258
ENSG0000(	804.418	796.8941	0.012846	0.94668	0.9661	GRAMD4	chr22	+	46971909	47075688	4484
ENSG0000(	515.2281	1272.479	-1.3019	1.02E-20	8.86E-20	CELSR1	chr22	-	46756731	46933067	11389
ENSG0000(	1.286224	7.401	-2.2614	0.029495	0.055937	WNT8B	chr10	+	1.02E+08	1.02E+08	2112
ENSG0000(	1503.24	1417.963	0.084537	0.6837	0.76377	ZNF638	chr2	+	71503691	71662199	6821
ENSG0000(	228.8537	135.1877	0.75981	3.78E-05	0.000113	SLC25A40	chr7	-	87462883	87505672	4045
ENSG0000(	353.8718	431.9121	-0.28691	0.056377	0.098827	TIMM21	chr18	+	71815746	71826197	2524
ENSG0000(	1.733248	5491.324	-11.359	7.59E-88	3.64E-86	ADD2	chr2	-	70834750	70995357	5856
ENSG0000(	0	43.94562	-7.0089	7.15E-10	3.34E-09	FGF4	chr11	-	69587797	69590171	1220
ENSG0000(	551.2642	534.6757	0.044822	0.70313	0.77919	RASAL2	chr1	+	1.78E+08	1.78E+08	10898
ENSG0000(	260.8414	59.72917	2.1196	1.03E-27	1.20E-26	VPS9D1	chr16	-	89773542	89787394	2791
ENSG0000(	273.4706	151.4182	0.84852	2.31E-07	8.75E-07	ZNF37A	chr10	+	38383264	38412276	7027
ENSG0000(	1439.292	1203.202	0.25791	0.044416	0.080208	MARK3	chr14	+	1.04E+08	1.04E+08	3584
ENSG0000(	6779.504	6969.413	-0.03977	0.64996	0.73586	SLC25A3	chr12	+	98987369	98995946	3236
ENSG0000(	3241.512	641.8403	2.3331	1.17E-65	3.90E-64	FNDC3B	chr3	+	1.72E+08	1.72E+08	7904
ENSG0000(	1689.315	161.753	3.374	1.20E-61	3.60E-60	FOSL2	chr2	+	28615315	28640179	6708

ENSG0000(	0	15.392	-5.5642	3.91E-06	1.32E-05	CACNG5	chr17	+	64831235	64881603	1311
ENSG0000(	53.28156	83.73861	-0.65128	0.018546	0.036888	CACNG4	chr17	+	64961026	65029514	3380
ENSG0000(	1325.97	397.1629	1.7343	7.73E-17	5.61E-16	FRYL	chr4	-	48499378	48782339	11706
ENSG0000(	1196.481	501.1593	1.2525	3.51E-17	2.60E-16	TMEM131	chr2	-	98372799	98612388	7473
ENSG0000(	24078.24	21110.43	0.18959	0.098512	0.15944	FSCN1	chr7	+	5632439	5646286	2777
ENSG0000(	120397	79710.17	0.59414	7.92E-06	2.58E-05	ACTB	chr7	-	5566782	5603415	2245
ENSG0000(	81.95339	161.206	-0.9763	3.87E-05	0.000116	MOCOS	chr18	+	33767482	33852120	6160
ENSG0000(	77.58527	14.83194	2.3628	4.56E-12	2.47E-11	PLD1	chr3	-	1.71E+08	1.72E+08	5855
ENSG0000(	1.628766	47.84401	-4.6074	4.58E-09	2.00E-08	ATP12A	chr13	+	25254549	25285921	3732
ENSG0000(	647.898	1159.767	-0.83916	1.45E-12	8.15E-12	WDR62	chr19	+	36545783	36596008	5971
ENSG0000(	1154.16	796.3755	0.53491	3.51E-07	1.31E-06	DLG1	chr3	-	1.97E+08	1.97E+08	5034
ENSG0000(	3516.321	2996.632	0.23064	0.007411	0.015956	RAB7A	chr3	+	1.28E+08	1.29E+08	2244
ENSG0000(	819.2416	190.3638	2.1042	1.02E-47	2.20E-46	BCAP29	chr7	+	1.07E+08	1.07E+08	5773
ENSG0000(	100.6893	48.61925	1.0398	0.000506	0.001314	SEC31B	chr10	-	1.02E+08	1.02E+08	5087
ENSG0000(	1358.176	2167.063	-0.67404	1.23E-10	6.05E-10	SART3	chr12	-	1.09E+08	1.09E+08	4004
ENSG0000(	1.027626	1.370136	-0.28959	0.85985	0.90178	ARHGAP15	chr2	+	1.44E+08	1.45E+08	2968
ENSG0000(	26.31886	10.82351	1.2568	0.010679	0.022309	TUBA3D	chr2	+	1.32E+08	1.32E+08	1546
ENSG0000(	0	3.353702	-3.164	0.041754	0.07608	PAX2	chr10	+	1.02E+08	1.03E+08	4209
ENSG0000(	295.7277	797.9429	-1.4319	9.83E-23	9.36E-22	EXOSC7	chr3	+	45016733	45077558	1647
ENSG0000(	732.2021	35.49568	4.3484	1.31E-113	9.17E-112	KIFAP3	chr1	-	1.7E+08	1.7E+08	4111
ENSG0000(	839.1083	406.4197	1.0444	1.90E-14	1.20E-13	MKRN2	chr3	+	12598513	12625212	2848
ENSG0000(	1653.03	3362.53	-1.0211	3.05E-07	1.14E-06	MCM6	chr2	-	1.37E+08	1.37E+08	3736
ENSG0000(	404.7705	304.8919	0.40761	0.004909	0.010944	REXO2	chr11	+	1.14E+08	1.14E+08	1161
ENSG0000(	216.5419	328.6545	-0.6006	4.13E-05	0.000123	RBM7	chr11	+	1.14E+08	1.14E+08	6725
ENSG0000(	744.9236	95.90052	2.9562	9.78E-63	3.05E-61	RBMS2	chr12	+	56915713	56984745	3147
ENSG0000(	2396.918	2324.354	0.043972	0.69434	0.77197	BAZ2A	chr12	-	56989380	57030600	8844
ENSG0000(	2428.628	1778.62	0.44833	0.004887	0.0109	PTPN23	chr3	+	47422501	47454931	5244
ENSG0000(	650.9427	703.5753	-0.11132	0.54374	0.64414	MLH1	chr3	+	37034823	37107380	2752
ENSG0000(	571.4595	2771.836	-2.2709	3.77E-32	5.23E-31	UNG	chr12	+	1.1E+08	1.1E+08	2234
ENSG0000(	11.23608	28.4346	-1.3082	0.01741	0.034817	FMO4	chr1	+	1.71E+08	1.71E+08	2252
ENSG0000(	443.3256	149.3534	1.5678	3.95E-15	2.61E-14	KLHL20	chr1	+	1.74E+08	1.74E+08	3421
ENSG0000(	4.959078	14.28974	-1.4819	0.024281	0.047002	RGS11	chr16	-	318300	325980	4294
ENSG0000(	37.14883	45.53738	-0.29614	0.35185	0.456	SLC46A1	chr17	-	26721661	26734215	6487
ENSG0000(	470.2962	85.27539	2.4559	7.73E-51	1.81E-49	PLXNA2	chr1	-	2.08E+08	2.08E+08	11444
ENSG0000(	360.7317	489.6616	-0.44025	0.003677	0.008357	SPAG5	chr17	-	26904592	26926297	4040
ENSG0000(	518.6054	311.7765	0.73315	2.04E-07	7.75E-07	ANKRD13A	chr12	+	1.1E+08	1.1E+08	4148
ENSG0000(	27.51502	798.7481	-4.8622	4.97E-86	2.32E-84	TPD52	chr8	-	80870571	81143467	3918
ENSG0000(	137.3151	302.3739	-1.1344	1.30E-05	4.13E-05	ACACB	chr12	+	1.1E+08	1.1E+08	9360
ENSG0000(	1340.764	3305.876	-1.3	4.38E-32	6.06E-31	TRAF4	chr17	+	27071002	27077974	2921
ENSG0000(	23.30957	9.856337	1.1914	0.11262	0.17878	PAG1	chr8	-	81882526	82024303	4387
ENSG0000(	194.7078	241.3388	-0.30912	0.065258	0.11223	GPATCH1	chr19	+	33571786	33621448	3492
ENSG0000(	300.5984	335.6412	-0.15859	0.28136	0.3824	ICAM3	chr19	-	10444452	10450499	2491
ENSG0000(	1134.039	1226.383	-0.11359	0.31077	0.4127	NT5C2	chr10	-	1.05E+08	1.05E+08	5263
ENSG0000(	844.5237	572.838	0.55917	2.90E-06	9.89E-06	MCAM	chr11	-	1.19E+08	1.19E+08	4865
ENSG0000(	1950.898	4073.179	-1.0609	3.42E-28	4.07E-27	GPC4	chrX	-	1.32E+08	1.33E+08	4960
ENSG0000(	65.29751	85.14152	-0.37777	0.40651	0.51129	MBNL3	chrX	-	1.32E+08	1.32E+08	11294
ENSG0000(	2.064625	1231.228	-9.0043	5.69E-54	1.44E-52	CAMSAP3	chr19	+	7660788	7683190	4179
ENSG0000(	25.48724	278.9844	-3.426	5.21E-33	7.44E-32	RAP1GAP	chr1	-	21922708	21995801	4294
ENSG0000(	1134.276	2024.936	-0.83511	5.37E-11	2.72E-10	XAB2	chr19	-	7684411	7694451	4555
ENSG0000(	2990.784	1863.633	0.68139	2.48E-07	9.36E-07	ARHGEF1	chr19	+	42387228	42434302	3439
ENSG0000(	9.398353	461.9083	-5.556	7.94E-68	2.75E-66	STXBP2	chr19	+	7701767	7712759	1974
ENSG0000(	669.269	1107.907	-0.72557	1.88E-06	6.56E-06	MAP2K7	chr19	+	7968728	7979363	3497
ENSG0000(	0	592.2629	-10.499	1.01E-22	9.60E-22	NMRK2	chr19	+	3933101	3942414	1126
ENSG0000(	740.6094	728.0677	0.023857	0.86551	0.9064	DGKD	chr2	+	2.34E+08	2.34E+08	6297
ENSG0000(	407.2344	394.5509	0.046085	0.76793	0.83226	CTTNBP2	chr7	-	1.17E+08	1.18E+08	5970
ENSG0000(	0.342542	14.01132	-4.5734	0.000134	0.000375	ACTL6B	chr7	-	1E+08	1E+08	1537
ENSG0000(	19.73004	4.706852	2.0154	0.001185	0.002907	RARB	chr3	+	25215823	25639423	3084
ENSG0000(	3837.315	4610.078	-0.2644	0.023884	0.046302	TOP2B	chr3	-	25639475	25706398	5389
ENSG0000(	3938.665	2516.051	0.64606	1.19E-08	5.02E-08	TM9SF3	chr10	-	98277866	98347209	6141
ENSG0000(	830.5597	597.0515	0.47335	0.078376	0.13121	NFKB2	chr10	+	1.04E+08	1.04E+08	3101
ENSG0000(	388.8212	551.8627	-0.50262	0.008951	0.018989	UBE2T	chr1	-	2.02E+08	2.02E+08	922
ENSG0000(	248.413	396.4561	-0.67256	0.008716	0.018532	PPP1R12B	chr1	+	2.02E+08	2.03E+08	11111
ENSG0000(	2915.71	1211.437	1.265	2.36E-15	1.58E-14	DNAJC10	chr2	+	1.84E+08	1.84E+08	5272
ENSG0000(	3822.976	3895.763	-0.02708	0.76338	0.82823	GTF3C1	chr16	-	27470876	27561234	7018
ENSG0000(	1523.744	810.4871	0.90948	2.44E-12	1.35E-11	IL4R	chr16	+	27324989	27376099	3685

ENSG0000(	860.0309	1034.063	-0.26557	0.018819	0.037368	USP33	chr1	-	78161672	78225537	4502
ENSG0000(	265.6763	52.18658	2.3391	3.11E-27	3.56E-26	PAK3	chrX	+	1.1E+08	1.1E+08	2638
ENSG0000(	315.7787	112.1633	1.4888	2.81E-14	1.76E-13	CAPN6	chrX	-	1.1E+08	1.11E+08	3568
ENSG0000(	14.59549	42.24363	-1.5074	0.000396	0.001043	DCX	chrX	-	1.11E+08	1.11E+08	9405
ENSG0000(	1272.259	2878.164	-1.1759	1.78E-18	1.39E-17	SNRPA	chr19	+	41256542	41271294	1621
ENSG0000(	164.9269	812.1556	-2.292	8.03E-50	1.83E-48	EXOSC5	chr19	-	41892279	41903384	1118
ENSG0000(	2595.148	1438.004	0.85128	1.16E-15	7.89E-15	DYNC1I2	chr2	+	1.73E+08	1.73E+08	2605
ENSG0000(	47.58516	6.702571	2.7919	1.97E-09	8.86E-09	APBB1IP	chr10	+	26727132	26856732	2771
ENSG0000(	893.6623	1033.355	-0.20929	0.22709	0.32008	LRCH4	chr7	-	1E+08	1E+08	4754
ENSG0000(	216.0143	272.6418	-0.33292	0.19106	0.27789	FAM76B	chr11	-	95502106	95523573	3952
ENSG0000(	448.8503	487.4701	-0.11868	0.47142	0.57615	SIRT6	chr19	-	4174106	4182601	1641
ENSG0000(	2.13659	0	2.3216	0.17631	0.25974	TYR	chr11	+	88910620	89028927	2485
ENSG0000(	364.5553	471.3693	-0.36975	0.027538	0.05263	POLD3	chr11	+	74204896	74380162	3821
ENSG0000(	53.59566	32.66236	0.69923	0.093981	0.15336	ACTN2	chr1	+	2.37E+08	2.37E+08	4863
ENSG0000(	4307.562	4638.117	-0.10652	0.23992	0.33468	CAPZB	chr1	-	19665267	19812066	2068
ENSG0000(	335.1101	167.9838	0.99218	2.96E-08	1.21E-07	GPR137B	chr1	+	2.36E+08	2.36E+08	2039
ENSG0000(	29.98038	106.4066	-1.8112	9.21E-07	3.30E-06	NAALAD2	chr11	+	89864683	89926062	3600
ENSG0000(	947.4257	2608.082	-1.4588	1.35E-30	1.75E-29	PHF17	chr4	+	1.3E+08	1.3E+08	5771
ENSG0000(	342.6919	95.55261	1.8382	1.60E-26	1.78E-25	SLC25A43	chrX	+	1.19E+08	1.19E+08	2783
ENSG0000(	844.042	524.9059	0.68397	9.79E-08	3.82E-07	UBE2A	chrX	+	1.19E+08	1.19E+08	2643
ENSG0000(	8855.796	10323.45	-0.22094	0.042533	0.077318	FGFR1	chr8	-	38268656	38326352	5900
ENSG0000(	0.342542	0.594029	-0.38792	0.8278	NA	FKBP6	chr7	+	72742167	72772634	1933
ENSG0000(	1416.326	1779.161	-0.3285	0.007528	0.016184	GTF2I	chr7	+	74071994	74175026	4548
ENSG0000(	1.866827	4.850927	-1.2181	0.24957	0.34591	SMC1B	chr22	-	45739944	45809500	4201
ENSG0000(	5081.071	6061.316	-0.25416	0.006521	0.0142	FBLN1	chr22	+	45898118	45997015	2947
ENSG0000(	100.3364	1.029414	6.3031	1.37E-16	9.78E-16	ITGA8	chr10	-	15555948	15762124	6755
ENSG0000(	0.653381	1.043983	-0.46504	0.7732	NA	CST7	chr20	+	24929866	24940564	930
ENSG0000(	1070.895	28.54779	5.2214	7.64E-114	5.38E-112	MAP2	chr2	+	2.1E+08	2.11E+08	9711
ENSG0000(	465.4922	677.1649	-0.53893	5.40E-06	1.79E-05	PIAS2	chr18	-	44388353	44500123	5909
ENSG0000(	249.7209	150.0675	0.73162	0.000273	0.000734	AMPH	chr7	-	38423305	38671167	3418
ENSG0000(	924.2151	809.6655	0.19075	0.13565	0.20879	ARAF	chrX	+	47420516	47431307	2458
ENSG0000(	281.5345	268.4496	0.066303	0.67613	0.75745	MCCC1	chr3	-	1.83E+08	1.83E+08	2874
ENSG0000(	1.503747	2.742687	-0.68576	0.59326	0.68803	LAMP3	chr3	-	1.83E+08	1.83E+08	3375
ENSG0000(	1246.153	0	11.467	6.62E-27	7.49E-26	FAP	chr2	-	1.63E+08	1.63E+08	2780
ENSG0000(	11.8783	62.4977	-2.3674	1.06E-09	4.87E-09	NEBL	chr10	-	21068902	21463116	9216
ENSG0000(	310.8798	289.4117	0.10484	0.52398	0.62626	ACER3	chr11	+	76571911	76737841	7378
ENSG0000(	1847.473	2554.771	-0.46711	3.58E-05	0.000107	UBE2K	chr4	+	39699664	39784412	5245
ENSG0000(	639.3069	410.2017	0.6403	7.04E-05	0.000204	PIK3C3	chr18	+	39535171	39667794	9443
ENSG0000(	707.0658	689.1271	0.037908	0.87889	0.91569	N4BP2	chr4	+	40058446	40159872	9747
ENSG0000(	397.3695	279.6631	0.50675	0.000354	0.000938	C12orf5	chr12	+	4430371	4462338	1361
ENSG0000(	1287.652	383.9197	1.7432	1.75E-48	3.84E-47	TULP3	chr12	+	2986389	3050306	3076
ENSG0000(	1233.736	396.3141	1.6319	6.96E-13	4.00E-12	SYNJ2	chr6	+	1.58E+08	1.59E+08	7378
ENSG0000(	772.7835	2153.981	-1.4782	5.50E-48	1.19E-46	ADCY2	chr5	+	7396321	7830194	9908
ENSG0000(	1611.823	1264.958	0.34953	0.001044	0.002582	PPP2R5C	chr14	+	1.02E+08	1.02E+08	4481
ENSG0000(	114.5664	108.4156	0.081231	0.70638	0.7818	PMS2P1	chr7	-	99918615	99939531	1044
ENSG0000(	0.342542	1.188058	-0.99414	0.57407	NA	RBFOX1	chr16	+	6069095	7763340	4099
ENSG0000(	12269.29	7383.033	0.73231	5.00E-19	4.01E-18	GNB1	chr1	-	1716729	1822495	3128
ENSG0000(	158.7303	3.385256	5.0497	6.47E-07	2.35E-06	HOXA9	chr7	-	27202054	27210117	2060
ENSG0000(	11.3902	2.711133	1.9861	0.011632	0.024099	EDN1	chr6	+	12290596	12297427	2033
ENSG0000(	627.9123	784.2178	-0.32025	0.023175	0.045101	MLLT10	chr10	+	21823094	22032559	5126
ENSG0000(	14.37715	25.42316	-0.78824	0.115	0.18215	ZCWPW1	chr7	-	99998449	1E+08	2356
ENSG0000(	1.814586	246.7792	-6.7708	1.04E-30	1.36E-29	ADCYAP1R1	chr7	+	31092076	31151089	6487
ENSG0000(	1.733248	4.432528	-1.2106	0.3109	0.41284	FGF20	chr8	-	16849678	16859690	1688
ENSG0000(	0.342542	0	0.4146	0.81455	NA	P2RY10	chrX	+	78200829	78217451	1714
ENSG0000(	88.96528	393.3899	-2.135	4.89E-32	6.75E-31	ITM2A	chrX	-	78615881	78623164	1698
ENSG0000(	2907.46	2661.467	0.12732	0.17252	0.25509	NRD1	chr1	-	52254863	52344477	3895
ENSG0000(	1212.965	1232.728	-0.02274	0.8715	0.91019	VDAC3	chr8	+	42249142	42263415	1429
ENSG0000(	2123.456	1479.476	0.51987	0.016906	0.033875	PCM1	chr8	+	17780349	17885478	6820
ENSG0000(	497.481	1115.509	-1.1587	1.03E-05	3.31E-05	TNRC6C	chr17	+	76000249	76104916	9740
ENSG0000(	909.2853	567.0736	0.67726	0.010264	0.021527	CBFA2T2	chr20	+	32077881	32237842	7803
ENSG0000(	6.640085	192.0899	-4.8049	1.56E-35	2.41E-34	DBC1	chr9	-	1.22E+08	1.22E+08	3202
ENSG0000(	1157.117	524.602	1.1391	2.49E-14	1.57E-13	ITCH	chr20	+	32951041	33099198	6401
ENSG0000(	0.705622	5.125251	-2.4883	0.043278	0.078512	PKD2L2	chr5	+	1.37E+08	1.37E+08	2333
ENSG0000(	880.2068	138.9954	2.658	6.37E-54	1.61E-52	TP53INP2	chr20	+	33292094	33301243	4184
ENSG0000(	3787.553	2060.259	0.87765	1.91E-17	1.43E-16	SDF4	chr1	-	1152288	1167411	3516

ENSG0000(	40.6564	21.17439	0.92652	0.013918	0.028392	MYH7B	chr20	+	33563206	33590240	6293
ENSG0000(	5.693797	162.213	-4.6822	4.95E-17	3.63E-16	TP73	chr1	+	3569084	3652765	5188
ENSG0000(	1173.299	580.2969	1.0137	5.72E-15	3.75E-14	TOLLIP	chr11	-	1295601	1330884	3666
ENSG0000(	25.04022	8.083244	1.5808	0.004118	0.009285	UBE2D4	chr7	+	43966037	43993166	1405
ENSG0000(	0.705622	3.541484	-2.0057	0.12106	0.19019	CLUL1	chr18	+	596988	650334	2449
ENSG0000(	573.8724	618.7372	-0.10696	0.56106	0.65963	RUNX1T1	chr8	-	92967203	93115514	7537
ENSG0000(	7.117019	2.139794	1.5219	0.1464	0.22231	CDH17	chr8	-	95139399	95229531	3693
ENSG0000(	302.2427	461.6978	-0.6087	0.001886	0.00448	THOC1	chr18	-	214520	268050	2791
ENSG0000(	587.9568	47.12847	3.6328	1.13E-72	4.23E-71	FKBP7	chr2	-	1.79E+08	1.79E+08	2834
ENSG0000(	681.9232	252.3285	1.4299	1.30E-15	8.84E-15	OSBPL6	chr2	+	1.79E+08	1.79E+08	7055
ENSG0000(	2010.526	792.5536	1.341	2.25E-33	3.26E-32	SLC1A3	chr5	+	36606457	36688436	4170
ENSG0000(	5937.731	11515.67	-0.95461	8.27E-17	5.99E-16	XRCC5	chr2	+	2.17E+08	2.17E+08	3761
ENSG0000(	36.38159	55.88496	-0.61483	0.048553	0.086741	LXN	chr3	-	1.58E+08	1.58E+08	1116
ENSG0000(	3.008307	2.65044	0.15957	0.8768	0.91429	SP140	chr2	+	2.31E+08	2.31E+08	3246
ENSG0000(	227.8045	211.1111	0.10768	0.54572	0.64592	MKNK1	chr1	-	47023090	47082515	3408
ENSG0000(	4086.777	107.815	5.2347	0	0	TNS1	chr2	-	2.19E+08	2.19E+08	10331
ENSG0000(	1322.72	1636.259	-0.30691	0.013261	0.02719	REXO1	chr19	-	1815248	1848452	4578
ENSG0000(	3015.947	1635.142	0.88201	1.28E-13	7.64E-13	SAR1A	chr10	-	71909960	71930279	3227
ENSG0000(	86.59919	127.6097	-0.55692	0.021329	0.041825	CDC14A	chr1	+	1.01E+08	1.01E+08	4181
ENSG0000(	238.1639	130.2595	0.86269	0.002914	0.006728	RAPGEF3	chr12	-	48128455	48164823	5751
ENSG0000(	47.99453	14.5552	1.6799	0.000126	0.000354	CEACAM1	chr19	-	43011456	43065386	3519
ENSG0000(	431.5346	335.0218	0.36552	0.00809	0.017274	SENP1	chr12	-	48436681	48500091	4969
ENSG0000(	1.939605	21.88168	-3.3039	1.39E-05	4.38E-05	DUSP13	chr10	-	76854190	76868976	1768
ENSG0000(	4851.417	1510.87	1.6806	5.12E-42	9.50E-41	CIC	chr19	+	42772689	42799949	8218
ENSG0000(	171.8095	217.1349	-0.33835	0.16263	0.24302	LIPE	chr19	-	42905659	42931578	3813
ENSG0000(	10944.18	8640.111	0.34075	0.005113	0.011376	FDFT1	chr8	+	11653082	11696818	2176
ENSG0000(	426.1229	516.3931	-0.27727	0.025819	0.049684	PAFAH1B3	chr19	-	42801185	42807698	1098
ENSG0000(	291.8547	124.4437	1.224	2.78E-07	1.05E-06	OPHN1	chrX	-	67262186	67653755	7879
ENSG0000(	1522.532	3012.017	-0.98347	1.20E-22	1.14E-21	KIF22	chr16	+	29802040	29816706	2505
ENSG0000(	1.338465	0	1.8837	0.27037	NA	SCGN	chr6	+	25652464	25702011	1447
ENSG0000(	536.525	761.9103	-0.50559	1.18E-05	3.74E-05	LRRC16A	chr6	+	25279306	25620758	5431
ENSG0000(	926.4641	1926.181	-1.0521	6.99E-07	2.53E-06	PGM1	chr1	+	64058947	64125916	2657
ENSG0000(	1956.122	1932.878	0.017484	0.93142	0.95487	DDX1	chr2	+	15731302	15771235	2817
ENSG0000(	4237.965	4152.258	0.029463	0.74051	0.80906	DNM2	chr19	+	10828755	10944164	5651
ENSG0000(	2680.024	2425.692	0.14409	0.17352	0.25633	EPB41L2	chr6	-	1.31E+08	1.31E+08	4457
ENSG0000(	461.5234	11.05172	5.3616	1.55E-73	5.92E-72	RIMS1	chr6	+	72596406	73112845	7055
ENSG0000(	1166.073	66.05463	4.1335	5.21E-157	6.60E-155	MOXD1	chr6	-	1.33E+08	1.33E+08	3059
ENSG0000(	817.5316	358.286	1.1885	1.87E-21	1.68E-20	STX7	chr6	-	1.33E+08	1.33E+08	3689
ENSG0000(	443.7115	280.2065	0.66224	0.000533	0.001377	RABL2B	chr22	-	51205929	51222091	2498
ENSG0000(	1223.435	1540.986	-0.33211	0.002094	0.004942	KEAP1	chr19	-	10596796	10614417	2955
ENSG0000(	0.290301	3.662869	-2.724	0.054179	0.095392	DDX43	chr6	+	74104471	74127292	2513
ENSG0000(	3.64115	2.200487	0.62106	0.58112	0.67759	PTPRH	chr19	-	55692616	55720874	3877
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	DCT	chr13	-	95089558	95131936	4568
ENSG0000(	1162.267	984.6359	0.23909	0.049723	0.088547	SLC35C2	chr20	-	44978167	44993043	2510
ENSG0000(	403.637	197.3752	1.0316	4.01E-06	1.35E-05	CRYBG3	chr3	+	97595819	97663810	4782
ENSG0000(	3.008307	9.514072	-1.5886	0.044631	0.080537	EPHA6	chr3	+	96533425	97471304	3971
ENSG0000(	0	6.63543	-4.2447	0.002253	0.005286	SCTR	chr2	-	1.2E+08	1.2E+08	2275
ENSG0000(	184.8736	180.5892	0.034629	0.85392	0.89735	RFX3	chr9	-	3218297	3526004	9307
ENSG0000(	973.6559	1438.083	-0.55804	0.072452	0.12273	RIF1	chr2	+	1.52E+08	1.52E+08	10180
ENSG0000(	762.2802	670.1479	0.18563	0.23054	0.32392	RAB21	chr12	+	72148654	72184699	6180
ENSG0000(	32.31314	23.7601	0.43362	0.27635	0.3766	SLC4A4	chr4	+	72053003	72437804	7640
ENSG0000(	1617.587	227.3969	2.8238	1.69E-54	4.31E-53	SMARCA2	chr9	+	2015342	2193624	5867
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	RDH8	chr19	+	10123925	10132955	1715
ENSG0000(	234.6297	347.8047	-0.56409	0.045653	0.082149	SESN1	chr6	-	1.09E+08	1.09E+08	3509
ENSG0000(	105.7392	56.20803	0.90266	0.008505	0.018106	MID2	chrX	+	1.07E+08	1.07E+08	2876
ENSG0000(	167.092	49.72963	1.7326	3.07E-08	1.25E-07	COL5A3	chr19	-	10070237	10121147	6174
ENSG0000(	3515.344	2949.015	0.25249	0.25587	0.35319	SRCAP	chr16	+	30709530	30755602	10804
ENSG0000(	802.7968	823.2931	-0.03569	0.89448	0.92676	KIAA0020	chr9	-	2720469	2844241	2321
ENSG0000(	3.257533	1.029414	1.3935	0.29878	0.40054	CPB2	chr13	-	46627321	46679211	1717
ENSG0000(	14.18278	133.3671	-3.1931	2.06E-15	1.38E-14	CHRNA3	chr15	-	78885394	78913637	3202
ENSG0000(	4.762093	209.209	-5.4102	1.16E-34	1.74E-33	KCNN2	chr5	+	1.14E+08	1.14E+08	3216
ENSG0000(	362.0925	324.1942	0.16095	0.32453	0.42746	CNOT4	chr7	-	1.35E+08	1.35E+08	4642
ENSG0000(	952.2888	637.8382	0.57773	2.48E-07	9.36E-07	PSEN1	chr14	+	73603126	73690399	6078
ENSG0000(	662.0055	680.4672	-0.03993	0.84531	0.89157	CPOX	chr3	-	98239976	98312567	2825
ENSG0000(	461.7048	345.6618	0.41716	0.001548	0.003727	CLDND1	chr3	-	98216756	98241910	2818

ENSG0000(	201.4798	22.54365	3.1523	2.53E-27	2.91E-26	MOK	chr14	-	1.03E+08	1.03E+08	3809
ENSG0000(	15864.62	29316.94	-0.88389	1.94E-07	7.39E-07	HSP90AA1	chr14	-	1.03E+08	1.03E+08	3510
ENSG0000(	214.0491	189.3779	0.17554	0.45727	0.56257	RBL1	chr20	-	35624752	35724398	5684
ENSG0000(	1929.997	1104.091	0.80307	1.84E-05	5.72E-05	DLGAP4	chr20	+	34894258	35157040	5056
ENSG0000(	3.838135	430.148	-6.6503	6.37E-45	1.27E-43	IGSF9B	chr11	-	1.34E+08	1.34E+08	7309
ENSG0000(	265.4064	137.883	0.93687	0.000609	0.001562	CROCCP3	chr1	-	16793931	16825752	5368
ENSG0000(	501.2785	628.1852	-0.32415	0.0199	0.039303	NDC80	chr18	+	2571510	2616634	2172
ENSG0000(	305.0231	250.9644	0.28212	0.14713	0.22318	AP4E1	chr15	+	51200869	51298097	6758
ENSG0000(	292.0486	376.3239	-0.36532	0.068322	0.11665	RSBN1	chr1	-	1.14E+08	1.14E+08	6621
ENSG0000(	525.2066	175.567	1.5731	2.21E-13	1.31E-12	MAGI3	chr1	+	1.14E+08	1.14E+08	6508
ENSG0000(	0.653381	4.914036	-2.4985	0.040019	0.073429	CXCL2	chr4	-	74962752	74965010	1218
ENSG0000(	1.08924	7.018987	-2.3668	0.05218	0.092338	AFP	chr4	+	74296855	74321891	2484
ENSG0000(	30.69554	38.39788	-0.32009	0.44874	0.55412	COL4A4	chr2	-	2.28E+08	2.28E+08	9895
ENSG0000(	164.6897	332.3926	-1.0084	3.85E-10	1.83E-09	TCF7	chr5	+	1.33E+08	1.33E+08	5340
ENSG0000(	326.3087	283.2739	0.20431	0.25449	0.35157	OSTM1	chr6	-	1.08E+08	1.08E+08	4467
ENSG0000(	10.78906	19.64561	-0.83996	0.097306	0.15784	CDH7	chr18	+	63417488	63548638	3766
ENSG0000(	7.293466	0.98329	2.5828	0.01569	0.031651	IMPG2	chr3	-	1.01E+08	1.01E+08	4157
ENSG0000(	1919.095	1935.671	-0.01253	0.89297	0.92567	PCNP	chr3	+	1.01E+08	1.01E+08	2342
ENSG0000(	333.707	414.5434	-0.31155	0.073096	0.12368	EXD2	chr14	+	69658228	69709075	3404
ENSG0000(	92.71352	172.1556	-0.88907	5.21E-05	0.000154	ARG2	chr14	+	68086515	68118437	2045
ENSG0000(	582.0486	25.71447	4.5007	4.63E-78	1.90E-76	MEF2C	chr5	-	88013975	88199922	6458
ENSG0000(	14.70935	2.428687	2.4912	0.002219	0.005212	PTPRC	chr1	+	1.99E+08	1.99E+08	5321
ENSG0000(	0.36308	3.959884	-2.8054	0.04439	0.080172	CACNA1S	chr1	-	2.01E+08	2.01E+08	6166
ENSG0000(	0.290301	3.784254	-2.7255	0.058581	0.10232	PKP1	chr1	+	2.01E+08	2.01E+08	5447
ENSG0000(	484.0991	409.8249	0.23954	0.096518	0.15678	UBA5	chr3	+	1.32E+08	1.32E+08	3902
ENSG0000(	1307.483	269.4546	2.2765	3.79E-75	1.48E-73	STK17B	chr2	-	1.97E+08	1.97E+08	5287
ENSG0000(	444.8553	2247.047	-2.3332	2.27E-53	5.67E-52	CDC14B	chr9	-	99252523	99382112	5589
ENSG0000(	204.5567	215.1928	-0.07096	0.71281	0.78685	ZNF510	chr9	-	99518147	99540411	5616
ENSG0000(	3.049383	19.25547	-2.5065	0.00353	0.008049	LRP2	chr2	-	1.7E+08	1.7E+08	15808
ENSG0000(	16.72352	23.96964	-0.50057	0.29899	0.40071	ZNF506	chr19	-	19896648	19932560	4140
ENSG0000(	48.06568	51.47109	-0.09846	0.77673	0.83956	JMJD4	chr1	-	2.28E+08	2.28E+08	3749
ENSG0000(	282.7295	257.6718	0.13366	0.50647	0.61002	DUSP12	chr1	+	1.62E+08	1.62E+08	1270
ENSG0000(	831.8603	2171.682	-1.3827	4.78E-29	5.87E-28	AACS	chr12	+	1.26E+08	1.26E+08	6640
ENSG0000(	882.1058	883.8659	-0.00287	0.97816	0.98786	KIAA0141	chr5	+	1.41E+08	1.41E+08	4970
ENSG0000(	342.958	371.5495	-0.11332	0.46131	0.56652	CADPS2	chr7	-	1.22E+08	1.23E+08	6045
ENSG0000(	33.91363	38.16721	-0.16652	0.77645	0.83939	PCDHB4	chr5	+	1.41E+08	1.41E+08	3621
ENSG0000(	7.188171	11.14967	-0.58619	0.42516	0.53052	PCDHA6	chr5	+	1.4E+08	1.4E+08	5374
ENSG0000(	11.92973	3.636147	1.6016	0.072913	0.12341	PCDHGA2	chr5	+	1.41E+08	1.41E+08	4605
ENSG0000(	312.7662	185.4547	0.75226	1.35E-06	4.77E-06	HSPB11	chr1	-	54387234	54411975	915
ENSG0000(	299.1209	1582.306	-2.3977	5.74E-52	1.38E-50	PHLPP1	chr18	+	60382672	60647666	6401
ENSG0000(	300.0265	167.4909	0.83767	0.000186	0.000512	ATP8B1	chr18	-	55313658	55470333	5935
ENSG0000(	4.242291	22.8318	-2.3447	0.00017	0.00047	IL12RB2	chr1	+	67773047	67862583	4040
ENSG0000(	863.0999	154.8085	2.4697	4.89E-47	1.03E-45	SMARCD3	chr7	-	1.51E+08	1.51E+08	2415
ENSG0000(	444.8103	465.7335	-0.06538	0.62009	0.71087	WDR70	chr5	+	37379314	37753537	5716
ENSG0000(	7.209522	0	4.4582	0.000675	0.001717	FYB	chr5	-	39105338	39274630	4750
ENSG0000(	51.97122	0.715414	5.8075	7.99E-11	3.98E-10	MPP4	chr2	-	2.03E+08	2.03E+08	2462
ENSG0000(	408.2329	506.245	-0.31045	0.028153	0.053671	STRADB	chr2	+	2.02E+08	2.02E+08	2293
ENSG0000(	3745.754	2339.087	0.67623	0.006007	0.013172	BZW1	chr2	+	2.02E+08	2.02E+08	3383
ENSG0000(	0	1.71569	-1.6656	0.35029	NA	PGR	chr11	-	1.01E+08	1.01E+08	13748
ENSG0000(	4603.222	19.65534	7.8496	4.08E-269	1.56E-266	C1QTNF3	chr5	-	33987279	34124633	3424
ENSG0000(	554.8167	1011.677	-0.86382	3.52E-07	1.31E-06	ME2	chr18	+	48405419	48474691	3164
ENSG0000(	442.1825	451.417	-0.02983	0.81496	0.87017	C5orf22	chr5	+	31532373	31555165	3799
ENSG0000(	572.8697	739.003	-0.36574	0.03429	0.063963	CCNT2	chr2	+	1.36E+08	1.36E+08	6917
ENSG0000(	178.6933	307.6676	-0.78204	1.07E-05	3.40E-05	FAM135A	chr6	+	71122644	71270877	6415
ENSG0000(	211.2662	0	9.1438	1.92E-17	1.44E-16	COL19A1	chr6	+	70576463	70919679	6232
ENSG0000(	2098.859	594.2965	1.8183	3.67E-67	1.26E-65	EPB41L3	chr18	-	5392383	5630699	4908
ENSG0000(	72.35984	55.29987	0.3873	0.21729	0.30867	COBLL1	chr2	-	1.66E+08	1.66E+08	9367
ENSG0000(	756.729	823.4072	-0.12192	0.35993	0.46411	DLG3	chrX	+	69664711	69725337	6109
ENSG0000(	60.85751	9.24049	2.6938	2.72E-08	1.11E-07	KCNK2	chr1	+	2.15E+08	2.15E+08	3379
ENSG0000(	2255.781	109.2101	4.3605	6.23E-145	6.73E-143	SERTAD4	chr1	+	2.1E+08	2.1E+08	5219
ENSG0000(	318.4308	320.0479	-0.00871	0.9632	0.97841	TRAF5	chr1	+	2.11E+08	2.12E+08	4958
ENSG0000(	488.8129	524.7697	-0.10084	0.45884	0.56415	MRPL22	chr5	+	1.54E+08	1.54E+08	3176
ENSG0000(	527.3071	787.6901	-0.57695	0.00098	0.002435	GEMIN5	chr5	-	1.54E+08	1.54E+08	5397
ENSG0000(	0	26.89051	-6.3141	8.20E-08	3.22E-07	OPRK1	chr8	-	54138284	54164257	5014
ENSG0000(	7476.01	4694.898	0.67067	1.14E-09	5.25E-09	NFE2L1	chr17	+	46125691	46138849	4774

ENSG0000(	1.733248	817.0372	-8.6606	3.05E-46	6.29E-45	SEMA5B	chr3	-	1.23E+08	1.23E+08	4832
ENSG0000(	1782.911	1130.811	0.65542	4.48E-05	0.000133	GSK3B	chr3	-	1.2E+08	1.2E+08	7711
ENSG0000(	5014.157	8315.36	-0.72885	4.12E-10	1.95E-09	ITGB5	chr3	-	1.24E+08	1.25E+08	4372
ENSG0000(	2031.896	1022.856	0.98948	1.38E-18	1.08E-17	ERC1	chr12	+	1099675	1605090	9451
ENSG0000(	2870.878	4485.476	-0.64341	2.68E-14	1.68E-13	XPO1	chr2	-	61704984	61765761	6776
ENSG0000(	7.479285	1.935026	1.799	0.047523	0.08515	C4orf6	chr4	+	5526296	5529528	873
ENSG0000(	130.961	205.8325	-0.64979	0.003234	0.007417	RNF13	chr3	+	1.5E+08	1.5E+08	2866
ENSG0000(	1.939605	79.98894	-5.1632	2.36E-16	1.66E-15	TRPM3	chr9	-	73149949	74061820	6269
ENSG0000(	166.0121	463.4419	-1.4762	7.83E-12	4.18E-11	PALB2	chr16	-	23614488	23652631	4003
ENSG0000(	152.4535	195.446	-0.35334	0.090516	0.14847	DOPEY1	chr6	+	83777385	83881069	8210
ENSG0000(	590.3118	229.7374	1.3589	1.24E-13	7.45E-13	LYRM2	chr6	-	90277863	90348472	5353
ENSG0000(	276.8659	249.5193	0.14898	0.31129	0.41327	BCKDHB	chr6	+	80816364	81055987	3767
ENSG0000(	1400.183	714.4042	0.969	1.18E-12	6.69E-12	KAT6A	chr8	-	41786997	41909508	9285
ENSG0000(	668.8899	216.1205	1.6266	8.35E-30	1.06E-28	ZCCHC6	chr9	-	88902648	88969369	5724
ENSG0000(	746.5475	273.3913	1.4445	6.89E-16	4.75E-15	ULK2	chr17	-	19674142	19771249	6010
ENSG0000(	0	756.6198	-10.819	4.50E-24	4.53E-23	GRHL2	chr8	+	1.03E+08	1.03E+08	5239
ENSG0000(	2677.088	2939.56	-0.13452	0.36144	0.46562	TNPO1	chr5	+	72112139	72212560	11183
ENSG0000(	7208.295	1472.404	2.2899	1.30E-113	9.14E-112	PLOD1	chr1	+	11994262	12035595	2940
ENSG0000(	0.290301	10.86964	-4.2855	0.00037	0.000977	P2RX5	chr17	-	3575493	3599698	2309
ENSG0000(	315.0846	214.602	0.55341	0.005398	0.011946	ITGAE	chr17	-	3617922	3704537	3858
ENSG0000(	1065.076	699.7817	0.60456	0.005143	0.011434	DIS3	chr13	-	73329540	73356234	7371
ENSG0000(	272.509	97.72619	1.4781	1.12E-09	5.15E-09	PIBF1	chr13	+	73356197	73590591	3146
ENSG0000(	240.6656	212.1063	0.18254	0.40289	0.50758	TDRD3	chr13	+	60970591	61148012	3019
ENSG0000(	157.3372	319.6189	-1.0191	8.31E-10	3.86E-09	NUFIP1	chr13	-	45513384	45563618	3492
ENSG0000(	1230.24	558.8548	1.1357	4.73E-08	1.90E-07	PDS5B	chr13	+	33160564	33352157	7497
ENSG0000(	840.1031	424.5133	0.98384	8.05E-10	3.75E-09	OXCT1	chr5	-	41730167	41870621	3388
ENSG0000(	211.4997	98.78077	1.0976	3.99E-08	1.61E-07	RRAGB	chrX	+	55744172	55785207	2061
ENSG0000(	80.93865	0.297015	7.0217	7.52E-12	4.02E-11	EPYC	chr12	-	91357456	91398803	1539
ENSG0000(	336.3634	159.0108	1.0773	3.56E-06	1.20E-05	CYLD	chr16	+	50775961	50835846	8713
ENSG0000(	30.23996	151.2556	-2.3106	6.31E-19	5.04E-18	SLC27A5	chr19	-	58990879	59023780	5032
ENSG0000(	227.2189	128.1489	0.81686	0.042499	0.077272	ZNF324	chr19	+	58978423	58984945	3795
ENSG0000(	65.94519	117.7661	-0.82657	0.000582	0.001496	ZNF671	chr19	-	58231119	58238992	2903
ENSG0000(	66.31748	109.6204	-0.71821	0.009485	0.020017	ZNF416	chr19	-	58082934	58090295	2561
ENSG0000(	101.1987	172.8246	-0.77066	0.000778	0.001962	ZNF586	chr19	+	58281023	58331307	2265
ENSG0000(	87.75167	32.11767	1.4342	1.04E-06	3.70E-06	ZNF446	chr19	+	58985384	58992597	3922
ENSG0000(	17.27323	27.93287	-0.6933	0.15056	0.22784	ZNF8	chr19	+	58790317	58807254	2211
ENSG0000(	183.2841	176.6537	0.050268	0.78321	0.84468	ZNF264	chr19	+	57702868	57724724	2673
ENSG0000(	6626.877	11824.45	-0.83462	9.03E-17	6.52E-16	RPS5	chr19	+	58897767	58906173	1747
ENSG0000(	16194.28	4257.184	1.9264	5.91E-100	3.34E-98	FAT1	chr4	-	1.88E+08	1.88E+08	14786
ENSG0000(	1130.19	1900.309	-0.74851	8.13E-08	3.19E-07	YTHDC1	chr4	-	69176105	69215807	6232
ENSG0000(	501.6828	590.0663	-0.23306	0.051206	0.090812	CHMP2B	chr3	+	87276421	87304698	2606
ENSG0000(	925.8814	135.123	2.7701	1.91E-82	8.36E-81	SMAP2	chr1	+	40810522	40888998	2939
ENSG0000(	549.2292	486.8812	0.1734	0.15026	0.22747	PPIE	chr1	+	40157854	40229586	4651
ENSG0000(	1001.189	617.8326	0.69238	0.013865	0.028299	ZMPSTE24	chr1	+	40723779	40759856	3108
ENSG0000(	1397.505	3046.845	-1.1228	1.17E-15	7.97E-15	STARD7	chr2	-	96850597	96874563	3368
ENSG0000(	511.7836	1465.828	-1.5129	1.63E-13	9.72E-13	NOA1	chr4	-	57829536	57844989	3415
ENSG0000(	1505.801	1696.153	-0.1712	0.20991	0.29996	REST	chr4	+	57774075	57802010	7300
ENSG0000(	2.104887	4.36613	-0.88492	0.44697	0.55245	HAL	chr12	-	96366440	96390143	3913
ENSG0000(	1615.807	502.6838	1.6813	8.00E-45	1.59E-43	SSH1	chr12	-	1.09E+08	1.09E+08	8538
ENSG0000(	8720.589	14339.28	-0.71693	9.16E-16	6.27E-15	GSTP1	chr11	+	67351066	67354131	1681
ENSG0000(	5151.032	10605.68	-1.0412	2.81E-30	3.60E-29	APLP2	chr11	+	1.3E+08	1.3E+08	3720
ENSG0000(	174.2454	393.5563	-1.1706	5.44E-07	1.99E-06	KIAA1467	chr12	+	13197218	13295455	4808
ENSG0000(	0.632843	143.7656	-7.2209	2.69E-17	1.99E-16	SLCO1A2	chr12	-	21417534	21572528	7682
ENSG0000(	1627.322	2272.162	-0.48098	1.83E-06	6.39E-06	WBP11	chr12	-	14939410	14956474	2749
ENSG0000(	2746.314	2946.497	-0.10107	0.33329	0.43665	EIF3I	chr1	+	32687529	32697205	1458
ENSG0000(	55.37366	1618.003	-4.8441	1.38E-170	2.07E-168	NKAIN1	chr1	-	31652592	31712401	2589
ENSG0000(	4698.45	163.5828	4.8311	1.03E-232	3.10E-230	COL16A1	chr1	-	32117848	32169920	5736
ENSG0000(	2392.698	1742.635	0.45673	0.001269	0.003096	TXLNA	chr1	+	32645287	32663886	5012
ENSG0000(	0.653381	7.795093	-3.1027	0.007794	0.016698	APOB	chr2	-	21224301	21266945	14121
ENSG0000(	465.6914	396.6669	0.22952	0.088318	0.14543	NCOA1	chr2	+	24714783	24993571	7405
ENSG0000(	811.5939	1258.506	-0.63247	2.92E-08	1.19E-07	AGBL5	chr2	+	27265232	27293490	3261
ENSG0000(	465.0413	244.3522	0.92386	3.45E-05	0.000104	EFR3B	chr2	+	25264999	25378243	5162
ENSG0000(	2561.976	2008.698	0.3501	0.028479	0.0542	KIF3C	chr2	-	26149471	26205618	5462
ENSG0000(	2770.4	2347.207	0.23857	0.056972	0.099719	RAB10	chr2	+	26256976	26360323	3535
ENSG0000(	1.286224	3.853068	-1.3837	0.23531	0.32914	GCKR	chr2	+	27719709	27746554	2186

ENSG0000(	4035.191	2897.76	0.4773	4.17E-06	1.40E-05	HADHA	chr2	-	26413504	26467594	3037
ENSG0000(	162.276	92.44335	0.80677	0.000481	0.001252	MAPRE3	chr2	+	27193480	27250064	1892
ENSG0000(	4665.908	5725.702	-0.29504	0.000423	0.00111	CAD	chr2	+	27440258	27466811	7265
ENSG0000(	2193.543	431.0902	2.3445	2.63E-73	1.00E-71	CD59	chr11	-	33719807	33757991	3716
ENSG0000(	778.6501	106.505	2.8527	2.41E-34	3.60E-33	CD82	chr11	+	44585977	44641913	2289
ENSG0000(	626.7573	228.3291	1.449	2.15E-09	9.64E-09	BCORL1	chrX	+	1.29E+08	1.29E+08	7127
ENSG0000(	2416.317	1379.414	0.80361	0.006346	0.013848	ATRX	chrX	-	76760356	77041702	11268
ENSG0000(	621.1899	699.8761	-0.171	0.3298	0.43287	TAF9	chr5	-	68646811	68665840	1648
ENSG0000(	39.84809	0	6.9053	6.95E-10	3.25E-09	FCN1	chr9	-	1.38E+08	1.38E+08	1286
ENSG0000(	219.6861	211.1317	0.059089	0.79306	0.85287	MYNN	chr3	+	1.69E+08	1.7E+08	4999
ENSG0000(	307.0281	207.6008	0.56511	0.001059	0.002614	MECOM	chr3	-	1.69E+08	1.69E+08	5732
ENSG0000(	576.134	591.5125	-0.03713	0.76246	0.82767	SCAMP1	chr5	+	77656339	77776562	6245
ENSG0000(	1048.161	1314.391	-0.32618	0.005707	0.012559	PREP	chr6	-	1.06E+08	1.06E+08	2905
ENSG0000(	484.4906	324.6008	0.57681	0.000102	0.000292	HACE1	chr6	-	1.05E+08	1.05E+08	5318
ENSG0000(	871.1274	903.1058	-0.05214	0.75534	0.82203	SEH1L	chr18	+	12947132	12987535	5206
ENSG0000(	485.8428	101.3536	2.2522	1.14E-32	1.61E-31	WDR47	chr1	-	1.1E+08	1.1E+08	4264
ENSG0000(	1707.816	1474.536	0.21154	0.053811	0.094832	WDFY1	chr2	-	2.25E+08	2.25E+08	4660
ENSG0000(	15.93477	52.7379	-1.6783	0.00646	0.014083	OVGP1	chr1	-	1.12E+08	1.12E+08	2243
ENSG0000(	1053.946	639.3831	0.71868	0.000493	0.001283	SLC25A24	chr1	-	1.09E+08	1.09E+08	4271
ENSG0000(	1376.142	1086.278	0.34143	0.008562	0.018227	MAP3K4	chr6	+	1.61E+08	1.62E+08	5490
ENSG0000(	7.470726	13.50309	-0.83927	0.2048	0.29404	PILRA	chr7	+	99965153	99997719	1313
ENSG0000(	112.7638	581.1901	-2.3561	2.45E-26	2.70E-25	IGSF9	chr1	-	1.6E+08	1.6E+08	4205
ENSG0000(	3.847508	3.78667	0.037275	0.97396	0.98544	ABCB1	chr7	-	87133175	87342611	4645
ENSG0000(	513.1158	375.5783	0.4501	0.00245	0.005719	ZNF213	chr16	+	3179778	3192806	5889
ENSG0000(	954.6173	2015.102	-1.076	3.61E-17	2.66E-16	AKR1B1	chr7	-	1.34E+08	1.34E+08	1930
ENSG0000(	1330.892	799.6437	0.73408	1.97E-09	8.86E-09	CPNE3	chr8	+	87497059	87573726	4864
ENSG0000(	573.2208	587.4766	-0.03475	0.85412	0.89743	RRN3	chr16	-	15153879	15188174	3762
ENSG0000(	6174.811	4702.655	0.39245	0.001385	0.003362	CTTN	chr11	+	70244510	70282690	3272
ENSG0000(	58.66191	10.58719	2.4422	9.99E-10	4.60E-09	WNT11	chr11	-	75897369	75921780	1930
ENSG0000(	384.4707	743.1478	-0.94845	2.08E-09	9.32E-09	MTIF2	chr2	-	55463731	55496483	2947
ENSG0000(	987.9012	489.9811	1.0096	4.72E-15	3.10E-14	DDHD2	chr8	+	38082736	38133076	4921
ENSG0000(	16.92988	74.87919	-2.1171	1.16E-08	4.91E-08	TTC39A	chr1	-	51752930	51810788	6287
ENSG0000(	766.5114	585.4606	0.38863	0.002032	0.004805	EPS15	chr1	-	51819935	51985000	5225
ENSG0000(	302.5655	1233.148	-2.0212	2.59E-26	2.85E-25	ORC1	chr1	-	52838501	52870131	3157
ENSG0000(	78.93571	68.40235	0.20621	0.39503	0.49956	MGST2	chr4	+	1.41E+08	1.41E+08	1780
ENSG0000(	1017.069	1834.875	-0.84915	3.71E-11	1.90E-10	CHERP	chr19	-	16628700	16653341	4173
ENSG0000(	486.8146	524.6815	-0.10845	0.44525	0.55073	ATG16L1	chr2	+	2.34E+08	2.34E+08	4208
ENSG0000(	497.6106	165.6187	1.5856	1.45E-21	1.31E-20	USP40	chr2	-	2.34E+08	2.34E+08	5692
ENSG0000(	1449.395	668.2191	1.1166	3.48E-24	3.52E-23	POMGNT1	chr1	-	46654354	46685977	3480
ENSG0000(	283.9162	678.8595	-1.2567	3.00E-22	2.79E-21	RAD54L	chr1	+	46713360	46744145	3108
ENSG0000(	2769.344	1532.154	0.85191	1.16E-07	4.51E-07	MAST2	chr1	+	46252659	46501796	5738
ENSG0000(	3311.177	2433.554	0.44288	0.036046	0.066924	DNAJA1	chr9	+	33025209	33039905	2381
ENSG0000(	1570.647	501.7793	1.6417	1.47E-25	1.57E-24	B4GALT1	chr9	-	33104080	33167354	4201
ENSG0000(	973.6945	640.4497	0.60435	7.72E-07	2.78E-06	CHMP5	chr9	+	33264940	33281977	1707
ENSG0000(	814.4066	743.7522	0.13135	0.36027	0.46444	NFX1	chr9	+	33290509	33371155	4604
ENSG0000(	2.914991	2.794516	0.037666	0.97432	0.98556	AQP6	chr12	+	50360977	50370922	5129
ENSG0000(	745.62	693.1418	0.10589	0.38326	0.48735	DIMT1	chr5	-	61683081	61699766	2859
ENSG0000(	302.1253	733.3308	-1.2768	3.20E-14	1.99E-13	IPO11	chr5	+	61699799	61924409	4356
ENSG0000(	0.290301	9.698565	-4.1074	0.000863	0.002164	FOLH1	chr11	-	49168187	49230222	2697
ENSG0000(	2642.14	2074.858	0.34867	0.000211	0.000577	EIF2AK1	chr7	-	6061881	6098861	4463
ENSG0000(	0.342542	6.40314	-3.4233	0.01092	0.022763	NME8	chr7	+	37888199	37940003	2312
ENSG0000(	123.8423	60.39114	1.0311	4.68E-05	0.000139	EPDR1	chr7	+	37723446	37991543	2599
ENSG0000(	1.919068	110.2048	-5.6225	3.00E-20	2.55E-19	SNX10	chr7	+	26331541	26413949	2546
ENSG0000(	1413.279	15013.93	-3.3989	1.25E-67	4.32E-66	SEPHS1	chr10	-	13359424	13390297	3273
ENSG0000(	1180.142	1602.697	-0.44035	0.004854	0.010829	MRPL28	chr16	-	417384	420527	2229
ENSG0000(	5.031043	18.47541	-1.7744	0.011728	0.024278	HBQ1	chr16	+	230452	231180	536
ENSG0000(	316.062	386.4814	-0.2905	0.098926	0.15999	ITPKC	chr19	+	41223008	41246765	3385
ENSG0000(	44.5735	30.10342	0.54734	0.2732	0.37285	FAT2	chr5	-	1.51E+08	1.51E+08	14534
ENSG0000(	599.0585	618.0672	-0.04512	0.79959	0.85803	RBM22	chr5	-	1.5E+08	1.5E+08	2342
ENSG0000(	3165.645	1921.024	0.71947	7.70E-07	2.78E-06	TMED2	chr12	+	1.24E+08	1.24E+08	2552
ENSG0000(	155.9174	71.19787	1.1181	0.000611	0.001565	ERO1LB	chr1	-	2.36E+08	2.36E+08	4567
ENSG0000(	843.0531	1583.801	-0.90927	5.69E-20	4.79E-19	ZFAND6	chr15	+	80351910	80430735	2594
ENSG0000(	1.016461	3.755116	-1.6271	0.18778	0.27384	HSD17B2	chr16	+	82068609	82132139	4210
ENSG0000(	210.6984	825.1784	-1.9647	3.89E-28	4.64E-27	TXLNG	chrX	+	16804550	16862642	4401
ENSG0000(	50.95296	4.271467	3.4787	6.71E-10	3.14E-09	PPEF1	chrX	+	18694029	18846039	2890

ENSG0000(	28.30891	30.68281	-0.11684	0.81399	0.86935	LAT2	chr7	+	73613982	73644161	2527
ENSG0000(	9071.008	8685.02	0.062694	0.46347	0.56852	HUWE1	chrX	-	53559057	53713673	14796
ENSG0000(	336.6448	392.5196	-0.22025	0.21914	0.31082	ZW10	chr11	-	1.14E+08	1.14E+08	2992
ENSG0000(	84.53798	55.82185	0.59849	0.017901	0.035702	ALG9	chr11	-	1.12E+08	1.12E+08	4485
ENSG0000(	39.6983	126.8604	-1.6531	7.17E-06	2.34E-05	MYBPC2	chr19	+	50936160	50969578	3593
ENSG0000(	409.5086	24.17763	4.0558	5.48E-44	1.07E-42	NOX4	chr11	-	89057524	89322779	4376
ENSG0000(	448.3377	169.6686	1.3986	2.07E-22	1.94E-21	ACOX3	chr4	-	8368009	8442450	2860
ENSG0000(	1194.208	974.483	0.29363	0.016584	0.033295	MTMR2	chr11	-	95566046	95658479	4787
ENSG0000(	619.2219	398.3033	0.63636	9.11E-06	2.94E-05	PPP1R15A	chr19	+	49375649	49379314	2378
ENSG0000(	505.4488	198.6581	1.3324	0.000224	0.000609	HSD17B14	chr19	-	49316274	49339935	1238
ENSG0000(	1558.576	2237.74	-0.52152	2.23E-07	8.44E-07	TRIP6	chr7	+	1E+08	1E+08	1942
ENSG0000(	11.28653	110.2381	-3.2637	1.60E-20	1.38E-19	ACHE	chr7	-	1E+08	1E+08	2956
ENSG0000(	18032.68	12187.78	0.56489	2.36E-10	1.14E-09	FTL	chr19	+	49468558	49470135	878
ENSG0000(	2363.015	3097.388	-0.38841	0.12153	0.19089	SRRT	chr7	+	1E+08	1E+08	2963
ENSG0000(	1903.383	2555.114	-0.4241	0.00903	0.01913	BAX	chr19	+	49458072	49465055	1358
ENSG0000(	262.8418	503.611	-0.93584	9.82E-13	5.58E-12	NLK	chr17	+	26368763	26523407	4047
ENSG0000(	1032.554	909.8673	0.18191	0.10901	0.17366	PIGS	chr17	-	26880401	26898890	3088
ENSG0000(	14.96974	300.077	-4.285	6.80E-47	1.42E-45	ADAMTS2	chr5	-	1.79E+08	1.79E+08	6754
ENSG0000(	0	17.10681	-5.6635	3.66E-06	1.23E-05	TMPRSS11I	chr4	+	69313167	69363322	2136
ENSG0000(	2641.943	2679.937	-0.02058	0.83611	0.88505	ATXN7L3	chr17	-	42269173	42277481	3811
ENSG0000(	653.9081	772.441	-0.24058	0.049796	0.088659	PGS1	chr17	+	76374721	76421195	3062
ENSG0000(	1405.037	1437.161	-0.03214	0.83836	0.88651	PSMC5	chr17	+	61904512	61909379	2586
ENSG0000(	451.87	529.4478	-0.22846	0.13271	0.20519	UIMC1	chr5	-	1.76E+08	1.76E+08	2604
ENSG0000(	2.407167	0	2.7149	0.089055	0.14641	CETP	chr16	+	56995762	57017757	1791
ENSG0000(	30778.24	1825.344	4.0727	0	0	MMP2	chr16	+	55423612	55540603	3741
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	MT3	chr16	+	56622986	56625000	1550
ENSG0000(	510.9627	90.68316	2.4842	2.69E-31	3.61E-30	LPCAT2	chr16	+	55542910	55620582	5391
ENSG0000(	12.47863	659.1338	-5.6526	2.79E-77	1.13E-75	GNAO1	chr16	+	56225302	56391356	5574
ENSG0000(	915.2567	671.5126	0.4468	0.000126	0.000355	OGFOD1	chr16	+	56485402	56513012	4647
ENSG0000(	1803.456	1125.694	0.67849	3.84E-06	1.29E-05	SH3BP2	chr4	+	2794750	2842825	9211
ENSG0000(	441.882	579.0463	-0.38867	0.031089	0.058507	NOP14	chr4	-	2939660	2965112	3538
ENSG0000(	4720.056	3030.104	0.63902	6.67E-09	2.87E-08	ADD1	chr4	+	2845584	2931803	5179
ENSG0000(	117.9795	457.7525	-1.9539	4.72E-29	5.80E-28	L2HGDH	chr14	-	50704281	50779266	3446
ENSG0000(	135.432	246.9625	-0.85799	6.88E-05	0.0002	TXNDC16	chr14	-	52897308	53019240	4564
ENSG0000(	1468.402	2022.815	-0.461	0.001821	0.004337	C14orf166	chr14	+	52456193	52471420	1080
ENSG0000(	1030.629	223.9173	2.1969	1.49E-55	3.89E-54	NID2	chr14	-	52471521	52535712	4811
ENSG0000(	409.2809	425.0335	-0.05458	0.69147	0.76991	GMCL1	chr2	+	70056774	70108528	4191
ENSG0000(	5103.204	5798.808	-0.18415	0.035094	0.065304	SF3B2	chr11	+	65818200	65836779	3932
ENSG0000(	1052.116	341.3726	1.6198	2.62E-35	4.02E-34	KLHL42	chr12	+	27932953	27955973	6703
ENSG0000(	35939.95	16046.7	1.1624	4.06E-28	4.82E-27	GNAS	chr20	+	57414773	57486247	4029
ENSG0000(	1683.865	1217.814	0.46757	9.14E-05	0.000262	DNM1L	chr12	+	32832134	32898486	4439
ENSG0000(	1038.19	0	11.229	7.47E-26	8.09E-25	PTHLH	chr12	-	28111017	28125638	1891
ENSG0000(	34.33571	2.431104	3.7015	1.93E-07	7.35E-07	PHACTR3	chr20	+	58152564	58422766	2728
ENSG0000(	580.2505	316.9508	0.87194	6.58E-06	2.16E-05	ERGIC2	chr12	-	29490285	29534122	5014
ENSG0000(	2.064625	904.9505	-8.5961	4.10E-53	1.02E-51	TFAP2C	chr20	+	55204358	55214339	2866
ENSG0000(	923.2281	1773.429	-0.94019	3.36E-14	2.09E-13	AURKA	chr20	-	54944445	54967393	2547
ENSG0000(	53.46559	1.652581	4.8179	1.40E-12	7.88E-12	CASS4	chr20	+	54987168	55034396	3155
ENSG0000(	196.841	147.3952	0.41813	0.017589	0.035144	PIR	chrX	-	15402921	15511687	1539
ENSG0000(	33.10531	32.15822	0.030741	0.94205	0.96246	AAMDC	chr11	+	77532155	77629478	726
ENSG0000(	97.49696	96.17262	0.016149	0.94817	0.96726	RFX2	chr19	-	5993175	6199583	3993
ENSG0000(	354.4401	539.1461	-0.60574	9.29E-05	0.000266	METTL2A	chr17	+	60501228	60527454	2537
ENSG0000(	0.290301	19.797	-5.0348	2.33E-05	7.16E-05	SULT2B1	chr19	+	49055332	49102682	1447
ENSG0000(	109.1268	227.6413	-1.058	4.97E-07	1.82E-06	ALG6	chr1	+	63833261	63904233	3371
ENSG0000(	1223.189	1915.065	-0.6454	3.68E-07	1.37E-06	CNOT3	chr19	+	54641444	54659419	4517
ENSG0000(	1.649304	14.39655	-2.9485	0.000364	0.000962	GP6	chr19	-	55525073	55549632	2268
ENSG0000(	194.8798	397.6598	-1.0263	7.41E-11	3.70E-10	PTPN4	chr2	+	1.21E+08	1.21E+08	10300
ENSG0000(	1040.709	2252.01	-1.11	1.87E-08	7.76E-08	DDX18	chr2	+	1.19E+08	1.19E+08	5674
ENSG0000(	7316.32	11640.76	-0.66926	2.47E-09	1.10E-08	KHSRP	chr19	-	6413359	6424805	2993
ENSG0000(	1917.603	757.1433	1.3396	1.78E-30	2.31E-29	GNA11	chr19	+	3094408	3124002	4147
ENSG0000(	740.9813	1522.544	-1.0371	6.14E-13	3.54E-12	ASAP3	chr1	-	23755056	23810685	4050
ENSG0000(	366.2865	310.5408	0.23748	0.12073	0.18975	EDEM2	chr20	-	33703160	33865928	2408
ENSG0000(	282.496	27733.76	-6.5992	9.36E-255	3.32E-252	DNMT3B	chr20	+	31350191	31397162	4336
ENSG0000(	2541.084	3783.809	-0.57381	5.67E-08	2.26E-07	TPX2	chr20	+	30327074	30389608	3605
ENSG0000(	63.95921	75.68129	-0.24357	0.50217	0.60564	FER1L4	chr20	-	34146507	34195484	5995
ENSG0000(	255.341	344.82	-0.43099	0.004618	0.010341	PDRG1	chr20	-	30532758	30539895	1385

ENSG0000(	868.3041	591.233	0.55276	0.000777	0.00196	EPB41L1	chr20	+	34679426	34820721	6266
ENSG0000(	82.53595	30.16882	1.4477	1.08E-05	3.44E-05	SLC15A1	chr13	-	99336055	99404908	3106
ENSG0000(	879.9418	456.5356	0.94369	6.34E-08	2.51E-07	DOCK9	chr13	-	99445741	99738879	7549
ENSG0000(	1333.811	1593.774	-0.25744	0.033494	0.062617	ANKRD10	chr13	-	1.12E+08	1.12E+08	2588
ENSG0000(	146.2963	168.4246	-0.19778	0.36286	0.46703	TGDS	chr13	-	95226308	95248511	1902
ENSG0000(	13.34178	167.6649	-3.6346	2.16E-28	2.59E-27	DOCK3	chr3	+	50712672	51421629	8755
ENSG0000(	291.2018	173.3707	0.73978	0.036165	0.067094	C3orf18	chr3	-	50595462	50608458	2655
ENSG0000(	472.4808	453.5628	0.057887	0.69415	0.77187	COQ9	chr16	+	57481337	57495187	1827
ENSG0000(	0.36308	1.294874	-1.3442	0.40498	NA	TMEM40	chr3	-	12775024	12810956	2308
ENSG0000(	89.72314	76.27518	0.23247	0.3823	0.48648	KIF9	chr3	-	47269516	47324941	3357
ENSG0000(	537.3714	207.149	1.3705	7.06E-09	3.03E-08	ARHGAP28	chr18	+	6729717	6915715	5492
ENSG0000(	742.6936	665.1321	0.15856	0.24972	0.34606	CRLS1	chr20	+	5986736	6020699	3958
ENSG0000(	146.89	132.6176	0.148	0.53793	0.6387	PPP1R13B	chr14	-	1.04E+08	1.04E+08	4958
ENSG0000(	1574.093	621.6883	1.3377	2.01E-18	1.57E-17	ATRN	chr20	+	3451687	3631769	8633
ENSG0000(	744.8836	232.7403	1.6753	1.00E-31	1.37E-30	SMOX	chr20	+	4101627	4168394	2233
ENSG0000(	2.697468	1.248751	0.90979	0.47205	0.57671	SIGLEC1	chr20	-	3667617	3687775	6720
ENSG0000(	3049.535	2427.966	0.32868	0.009276	0.01961	FKBP1A	chr20	-	1349622	1373806	1622
ENSG0000(	721.5379	636.0241	0.18204	0.19189	0.27897	NSFL1C	chr20	-	1422807	1448417	3799
ENSG0000(	93.31628	333.0313	-1.8346	6.81E-24	6.80E-23	SLC4A11	chr20	-	3208063	3219887	3229
ENSG0000(	711.9895	231.0069	1.6177	7.81E-17	5.66E-16	C20orf194	chr20	-	3229951	3388272	6869
ENSG0000(	155.0138	91.41717	0.75803	0.007101	0.015355	ZNF343	chr20	-	2462463	2505348	3632
ENSG0000(	67.17127	25.82625	1.3588	6.39E-05	0.000186	EBF4	chr20	+	2673480	2740754	2910
ENSG0000(	2535.223	745.0185	1.765	4.84E-49	1.08E-47	CPXM1	chr20	-	2774715	2781283	2391
ENSG0000(	1516.104	685.0116	1.144	4.93E-20	4.16E-19	MAVS	chr20	+	3827487	3849280	4237
ENSG0000(	115.2841	1333.916	-3.516	2.16E-53	5.40E-52	PROSAPIP1	chr20	-	3143263	3154192	5257
ENSG0000(	0	26.76738	-6.3173	6.78E-08	2.68E-07	F11	chr4	+	1.87E+08	1.87E+08	3122
ENSG0000(	1710.007	2951.933	-0.78658	2.03E-11	1.05E-10	XRN2	chr20	+	21283942	21370463	3435
ENSG0000(	146.6877	368.4112	-1.3227	2.75E-09	1.22E-08	PLK1S1	chr20	+	21106624	21227260	3855
ENSG0000(	3140.423	2594.333	0.27515	0.087884	0.14485	DYNLL1	chr12	+	1.21E+08	1.21E+08	1376
ENSG0000(	2.935529	71.37907	-4.4703	7.54E-15	4.90E-14	TESC	chr12	-	1.17E+08	1.18E+08	1057
ENSG0000(	1074.149	1911.909	-0.82939	1.30E-05	4.11E-05	SNX5	chr20	-	17922241	17949623	3087
ENSG0000(	12540.84	16674.9	-0.41056	0.000271	0.000729	RPL6	chr12	-	1.13E+08	1.13E+08	2008
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	SIRPG	chr20	-	1609798	1638425	1732
ENSG0000(	454.1849	722.6384	-0.6707	5.46E-07	2.00E-06	MAPKAPK5	chr12	+	1.12E+08	1.12E+08	2527
ENSG0000(	1.919068	6.688002	-1.6432	0.077339	0.1298	P2RX7	chr12	+	1.22E+08	1.22E+08	3003
ENSG0000(	411.9058	859.9247	-1.0573	1.26E-06	4.47E-06	ESF1	chr20	-	13694969	13765532	3216
ENSG0000(	407.2362	229.231	0.82672	3.28E-08	1.33E-07	RBBP9	chr20	-	18467184	18477887	3861
ENSG0000(	2555.56	1927.306	0.40653	0.000833	0.002093	ANAPC5	chr12	-	1.22E+08	1.22E+08	6149
ENSG0000(	493.1005	385.91	0.35396	0.044736	0.080701	SLC23A2	chr20	-	4833002	4990939	6962
ENSG0000(	294.0888	335.9944	-0.19333	0.35413	0.45829	SLC24A6	chr12	-	1.14E+08	1.14E+08	3289
ENSG0000(	1505.185	1167.24	0.36651	0.004827	0.010775	TMEM230	chr20	-	5080486	5093749	1735
ENSG0000(	63.8531	99.82642	-0.64158	0.010559	0.022087	DZANK1	chr20	-	18364011	18447829	3739
ENSG0000(	947.1852	3284.872	-1.7913	5.47E-50	1.25E-48	KDM2B	chr12	-	1.22E+08	1.22E+08	6676
ENSG0000(	1.233984	2.338857	-0.74373	0.56561	0.66349	C20orf26	chr20	+	20033158	20341346	4082
ENSG0000(	0	79.72986	-7.7938	3.89E-12	2.12E-11	LHX5	chr12	-	1.14E+08	1.14E+08	2940
ENSG0000(	93.21001	130.7278	-0.48947	0.021763	0.042607	TASP1	chr20	-	13246709	13619587	2352
ENSG0000(	8.112129	0.343138	3.8411	0.002132	0.005024	OAS1	chr12	+	1.13E+08	1.13E+08	1990
ENSG0000(	5972.706	6653.719	-0.15567	0.099705	0.16105	GCN1L1	chr12	-	1.21E+08	1.21E+08	8675
ENSG0000(	21304.97	36800.79	-0.78772	3.90E-12	2.12E-11	RPLP0	chr12	-	1.21E+08	1.21E+08	2591
ENSG0000(	3100.314	2375.817	0.38311	0.008566	0.018233	PXN	chr12	-	1.21E+08	1.21E+08	5457
ENSG0000(	20.43745	48.33438	-1.2242	0.005427	0.012002	SIRT4	chr12	+	1.21E+08	1.21E+08	1217
ENSG0000(	1.89853	0.686276	1.0733	0.50166	0.60518	RPH3A	chr12	+	1.13E+08	1.13E+08	5188
ENSG0000(	203.4577	199.6547	0.026426	0.87988	0.91625	KIF16B	chr20	-	16252749	16554078	5261
ENSG0000(	376.9839	426.9514	-0.17862	0.47766	0.58212	TRMT6	chr20	-	5917881	5931182	3025
ENSG0000(	87.34589	33.79772	1.3697	2.23E-06	7.71E-06	CHGB	chr20	+	5892076	5906007	2550
ENSG0000(	2315.431	5906.569	-1.3497	3.25E-37	5.30E-36	PEBP1	chr12	+	1.19E+08	1.19E+08	1697
ENSG0000(	1.794862	56.6093	-4.8419	3.46E-11	1.77E-10	TBX5	chr12	-	1.15E+08	1.15E+08	3825
ENSG0000(	453.02	513.3197	-0.17948	0.23093	0.32435	BRAP	chr12	-	1.12E+08	1.12E+08	4026
ENSG0000(	1779.664	2291.166	-0.36394	0.002885	0.006667	ERP29	chr12	+	1.12E+08	1.12E+08	1735
ENSG0000(	187.8983	349.9395	-0.89303	0.001045	0.002583	NOS1	chr12	-	1.18E+08	1.18E+08	12158
ENSG0000(	7006.887	10732.85	-0.61394	0.000132	0.00037	FUS	chr16	+	31191431	31203127	4920
ENSG0000(	380.2339	510.0223	-0.42162	0.018686	0.037133	IGBP1	chrX	+	69353299	69386174	1862
ENSG0000(	1023.336	1053.977	-0.04215	0.81629	0.87097	FXYD5	chr19	+	35645633	35660786	1580
ENSG0000(	268.5662	374.4627	-0.47805	0.00185	0.0044	ZNF302	chr19	+	35168544	35177302	3839
ENSG0000(	2063.821	7223.718	-1.8003	7.15E-16	4.92E-15	GRAMD1A	chr19	+	35485688	35517375	2825

ENSG0000(	0.36308	3.916176	-2.7962	0.045059	0.081189	FXYD3	chr19	+	35606732	35615228	1467
ENSG0000(	271.3109	1007.151	-1.8891	9.31E-37	1.50E-35	HEPH	chrX	+	65382391	65488709	6013
ENSG0000(	164.7263	1107.964	-2.7416	2.52E-38	4.25E-37	CDIP1	chr16	-	4560676	4588829	3009
ENSG0000(	63.68342	15.55138	2.0236	3.05E-07	1.14E-06	CMTM1	chr16	+	66600294	66613040	1064
ENSG0000(	1.317927	25.45397	-4.0184	1.23E-06	4.35E-06	KCNH4	chr17	-	40308913	40333296	3920
ENSG0000(	13407.19	10229.55	0.39005	7.02E-05	0.000204	GANAB	chr11	-	62392298	62414104	3906
ENSG0000(	751.9325	602.008	0.3195	0.025615	0.049338	GMIP	chr19	-	19740285	19754476	3538
ENSG0000(	210.8594	191.2409	0.14422	0.46093	0.56622	RBM41	chrX	-	1.06E+08	1.06E+08	3315
ENSG0000(	231.3591	387.0903	-0.7419	4.40E-07	1.62E-06	BIRC5	chr17	+	76210267	76221717	2711
ENSG0000(	22.64763	29.48267	-0.38583	0.3835	0.48763	LAG3	chr12	+	6881678	6887621	2587
ENSG0000(	4877.795	3644.119	0.42042	3.25E-06	1.10E-05	MLF2	chr12	-	6857170	6876641	1958
ENSG0000(	49.59575	71.83393	-0.52879	0.1767	0.26025	OTUB2	chr14	+	94492675	94515276	3922
ENSG0000(	1881.824	2353.059	-0.32164	0.016607	0.033335	DDX24	chr14	-	94517266	94547591	5573
ENSG0000(	65.56483	69.5136	-0.08717	0.75614	0.82265	ZBTB25	chr14	-	64915824	64971931	2094
ENSG0000(	536.4314	312.4928	0.77906	1.47E-09	6.67E-09	NECAP1	chr12	+	8234807	8250367	3129
ENSG0000(	32.03482	956.2407	-4.8846	2.29E-108	1.49E-106	ARHGAP4	chrX	-	1.53E+08	1.53E+08	3372
ENSG0000(	12.62418	276.8409	-4.3861	2.76E-27	3.17E-26	ANKRD24	chr19	+	4183351	4224811	4026
ENSG0000(	382.9123	294.2015	0.37785	0.05334	0.094076	DHX32	chr10	-	1.28E+08	1.28E+08	3070
ENSG0000(	904.3623	620.963	0.54124	9.64E-05	0.000275	RCOR1	chr14	+	1.03E+08	1.03E+08	5754
ENSG0000(	1244.979	1154.784	0.10803	0.52307	0.6256	GPATCH2L	chr14	+	76618259	76720685	14007
ENSG0000(	12453.21	1785.023	2.7912	1.09E-35	1.70E-34	LTBP4	chr19	+	41098789	41135725	5142
ENSG0000(	399.7164	286.1596	0.47931	0.052643	0.092995	BLVRB	chr19	-	40953696	40971747	1392
ENSG0000(	1101.971	870.2342	0.3406	0.002767	0.006415	SLC9A1	chr1	-	27425306	27493472	4516
ENSG0000(	1064.86	810.9204	0.39316	0.005677	0.012501	SPTLC1	chr9	-	94794281	94877666	1894
ENSG0000(	2891.994	3204.534	-0.14777	0.3031	0.40438	PAPOLA	chr14	+	96967770	97033448	4519
ENSG0000(	1443.789	1353.89	0.093029	0.32938	0.43252	CCNK	chr14	+	99947506	1E+08	5627
ENSG0000(	1144.763	558.2776	1.0339	6.02E-15	3.94E-14	PCBP4	chr3	-	51991470	52008032	2599
ENSG0000(	1.161205	0.715414	0.44309	0.80031	NA	RGS1	chr1	+	1.93E+08	1.93E+08	2653
ENSG0000(	277.4064	428.4961	-0.62482	0.006078	0.013319	YPEL3	chr16	-	30103635	30108236	1941
ENSG0000(	271.0217	354.2424	-0.38212	0.030708	0.057897	MRPS33	chr7	-	1.41E+08	1.41E+08	853
ENSG0000(	486.5562	347.8383	0.48229	0.007234	0.015608	NDUFB2	chr7	+	1.4E+08	1.4E+08	1666
ENSG0000(	2844.491	3584.194	-0.33307	0.007676	0.016477	NUDC	chr1	+	27226729	27273353	1800
ENSG0000(	1560.793	1619.296	-0.05284	0.73511	0.80453	MAEA	chr4	+	1283639	1333935	5371
ENSG0000(	8.911067	66.06605	-2.8049	3.65E-06	1.23E-05	ICAM1	chr19	+	10381511	10397291	3252
ENSG0000(	2689.29	3627.55	-0.4316	9.76E-06	3.13E-05	STRN4	chr19	-	47222764	47250251	3628
ENSG0000(	7.696808	12.83051	-0.69174	0.2998	0.4014	IRAK3	chr12	+	66582659	66648402	8663
ENSG0000(	96.57219	1.98115	5.4302	4.40E-19	3.53E-18	LYZ	chr12	+	69742121	69748014	1530
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	SI	chr3	-	1.65E+08	1.65E+08	6011
ENSG0000(	530.3601	576.7901	-0.11956	0.44882	0.55418	MUL1	chr1	-	20825943	20834654	2436
ENSG0000(	222.4482	610.1966	-1.4501	1.99E-12	1.11E-11	TFAP4	chr16	-	4307187	4323076	6491
ENSG0000(	537.6204	618.8319	-0.2032	0.29056	0.39221	PDCD7	chr15	-	65409717	65426174	2851
ENSG0000(	1192.545	1019.146	0.22548	0.049185	0.087724	SPG21	chr15	-	65255362	65282648	2059
ENSG0000(	0	1.485073	-1.5064	0.39745	NA	FETUB	chr3	+	1.86E+08	1.86E+08	1640
ENSG0000(	1828.735	958.132	0.92934	1.77E-05	5.52E-05	DNAJB11	chr3	+	1.86E+08	1.86E+08	4079
ENSG0000(	670.8211	272.4738	1.2995	2.49E-19	2.03E-18	LEPREL1	chr3	-	1.9E+08	1.9E+08	3509
ENSG0000(	3.132513	6.240464	-0.89934	0.3306	0.43373	THPO	chr3	-	1.84E+08	1.84E+08	1855
ENSG0000(	106.2188	41.58307	1.3488	1.34E-05	4.24E-05	CHRD	chr3	+	1.84E+08	1.84E+08	4719
ENSG0000(	4.607163	12.9576	-1.4178	0.062782	0.10852	FLT3LG	chr19	+	49977464	49990894	1421
ENSG0000(	1610.174	1341.491	0.26319	0.013109	0.026895	RAB11FIP3	chr16	+	475619	573011	4831
ENSG0000(	545.7364	311.4123	0.80821	1.30E-06	4.59E-06	GNPTG	chr16	+	1401924	1413352	2400
ENSG0000(	201.878	276.7736	-0.44815	0.26622	0.36496	ZNF268	chr12	+	1.34E+08	1.34E+08	5756
ENSG0000(	5893.619	1301.987	2.1757	8.00E-82	3.45E-80	GOLGA3	chr12	-	1.33E+08	1.33E+08	9252
ENSG0000(	1905.544	3167.067	-0.73165	2.39E-06	8.22E-06	PABPC4	chr1	-	40026488	40042462	3592
ENSG0000(	0	5.736266	-4.0903	0.00285	0.006593	CD209	chr19	-	7804879	7812464	4280
ENSG0000(	13.30927	1647.498	-6.8871	3.97E-113	2.76E-111	CERS4	chr19	+	8271620	8327305	2401
ENSG0000(	283.9561	220.1199	0.36649	0.093995	0.15337	MCOLN1	chr19	+	7587512	7598895	2253
ENSG0000(	1872.016	1637.469	0.19305	0.069577	0.11853	USP48	chr1	-	22004791	22110099	4595
ENSG0000(	690.5435	824.6632	-0.2551	0.040158	0.073651	EFNB1	chrX	+	68048840	68061990	3314
ENSG0000(	885.4126	1059.365	-0.2585	0.029985	0.056735	PDPR	chr16	+	70147529	70195203	7999
ENSG0000(	5341.394	6947.066	-0.37868	0.007372	0.015877	AARS	chr16	-	70286198	70323446	3477
ENSG0000(	6094.154	3712.044	0.71416	1.38E-07	5.31E-07	GLG1	chr16	-	74485856	74641012	4748
ENSG0000(	783.443	960.233	-0.29239	0.020149	0.039734	KIF4A	chrX	+	69509879	69640682	4348
ENSG0000(	1890.108	2488.431	-0.3959	0.00901	0.019096	TNRC6A	chr16	+	24741016	24838953	8438
ENSG0000(	52.76771	13.99675	1.8943	1.34E-05	4.23E-05	FCGBP	chr19	-	40353963	40440533	16390
ENSG0000(	2382.586	1197.15	0.99064	9.35E-09	3.98E-08	PLEKHG2	chr19	+	39903225	39919054	7519

ENSG0000(	25.96499	406.1789	-3.9014	8.27E-17	5.99E-16	DLL3	chr19	+	39989535	39999121	2332
ENSG0000(	1261.251	978.8153	0.36493	0.003478	0.007939	NAT14	chr19	+	55996371	55998935	1536
ENSG0000(	443.2547	290.7278	0.60738	2.10E-05	6.47E-05	PITPNM2	chr12	-	1.23E+08	1.24E+08	6785
ENSG0000(	568.6301	374.8538	0.60165	1.44E-05	4.53E-05	EXOC1	chr4	+	56719782	56771200	3551
ENSG0000(	799.2828	888.7569	-0.1526	0.20304	0.29188	RBM27	chr5	+	1.46E+08	1.46E+08	6451
ENSG0000(	1.027626	0	1.1491	0.51623	NA	POU4F3	chr5	+	1.46E+08	1.46E+08	1182
ENSG0000(	1838.235	928.4235	0.98369	1.12E-07	4.37E-07	OSBPL8	chr12	-	76745577	76953589	7239
ENSG0000(	411.2914	921.8421	-1.1611	1.01E-12	5.72E-12	DTX2	chr7	+	76090993	76135312	2769
ENSG0000(	8.837475	10.25862	-0.18914	0.78042	0.84237	NLRC4	chr2	-	32449522	32490923	3581
ENSG0000(	259.9739	864.3896	-1.7293	2.32E-24	2.37E-23	PUS7	chr7	-	1.05E+08	1.05E+08	3480
ENSG0000(	12.08466	0	5.2206	2.16E-05	6.65E-05	LAMB4	chr7	-	1.08E+08	1.08E+08	5858
ENSG0000(	77.50051	60.73838	0.3529	0.21488	0.30581	NRCAM	chr7	-	1.08E+08	1.08E+08	6659
ENSG0000(	15426.19	2751.133	2.4853	5.44E-134	5.10E-132	LAMB1	chr7	-	1.08E+08	1.08E+08	5766
ENSG0000(	14.00633	0.715414	3.9181	0.000193	0.000529	SLC26A4	chr7	+	1.07E+08	1.07E+08	4930
ENSG0000(	0	2.696564	-2.9337	0.058159	0.10164	SLC26A3	chr7	-	1.07E+08	1.07E+08	2863
ENSG0000(	946.2439	732.7229	0.36868	0.028224	0.053774	DLD	chr7	+	1.08E+08	1.08E+08	3755
ENSG0000(	301.3249	213.5729	0.49347	0.004094	0.009235	WDR7	chr18	+	54318574	54698828	9074
ENSG0000(	977.0122	1020.878	-0.06313	0.61661	0.70789	TXNL1	chr18	-	54264439	54318831	6894
ENSG0000(	18.09532	37.29321	-1.0314	0.062556	0.10818	ABCC6	chr16	-	16242785	16317379	5747
ENSG0000(	1052.094	837.3788	0.32808	0.016643	0.033397	CMTM6	chr3	-	32522804	32544900	3863
ENSG0000(	1218.934	1291.509	-0.084	0.46108	0.56629	ITGA6	chr2	+	1.73E+08	1.73E+08	5927
ENSG0000(	24.26442	23.40643	0.051735	0.89703	0.92858	RAPGEF4	chr2	+	1.74E+08	1.74E+08	4338
ENSG0000(	1509.713	475.7767	1.6608	2.42E-19	1.97E-18	MLTK	chr2	+	1.74E+08	1.74E+08	7179
ENSG0000(	0.653381	0.343138	0.51863	0.76794	NA	SMPX	chrX	-	21724090	21776281	938
ENSG0000(	820.6093	927.1982	-0.17551	0.18631	0.27207	FH	chr1	-	2.42E+08	2.42E+08	1797
ENSG0000(	2193.868	1227.134	0.83747	3.75E-18	2.89E-17	SEL1L3	chr4	-	25749055	25865382	4514
ENSG0000(	4.761279	0.951736	2.0038	0.091335	0.14963	TF	chr3	+	1.33E+08	1.33E+08	4602
ENSG0000(	2976.78	2507.418	0.24735	0.022548	0.04399	CDV3	chr3	+	1.33E+08	1.33E+08	3621
ENSG0000(	21.40942	46.01896	-1.0737	0.021585	0.042273	MYO15A	chr17	+	18012020	18083116	11863
ENSG0000(	1054.769	1205.04	-0.19133	0.092971	0.15198	ALKBH5	chr17	+	18086392	18113268	2748
ENSG0000(	0.290301	0	0.4146	0.81455	NA	APOH	chr17	-	64208151	64252643	1176
ENSG0000(	1005.228	302.4532	1.7253	1.61E-21	1.45E-20	NLRP1	chr17	-	5402747	5522744	5480
ENSG0000(	188.4033	98.69288	0.92198	0.006875	0.014904	PITPNM3	chr17	-	6354584	6459814	7086
ENSG0000(	1119.141	1280.625	-0.19356	0.075526	0.12719	SPAG7	chr17	-	4862521	4871167	1668
ENSG0000(	483.9864	840.9802	-0.79573	7.57E-07	2.73E-06	ORC6	chr16	+	46723555	46732306	1833
ENSG0000(	2020.85	81.33169	4.6277	6.04E-220	1.60E-217	ZFHX4	chr8	+	77593454	77779521	14019
ENSG0000(	0.870904	6.531773	-2.3501	0.074375	0.12557	SLC17A6	chr11	+	22359643	22401049	3949
ENSG0000(	1.95077	0	2.1837	0.20683	0.29652	CPA1	chr7	+	1.3E+08	1.3E+08	1931
ENSG0000(	406.3778	409.5908	-0.00966	0.95512	0.97232	ZC3HC1	chr7	-	1.3E+08	1.3E+08	1972
ENSG0000(	15.20942	7.108817	1.0616	0.10931	0.17406	ESR1	chr6	+	1.52E+08	1.52E+08	6466
ENSG0000(	58.90519	65.82563	-0.15865	0.59967	0.69368	RGS17	chr6	-	1.53E+08	1.53E+08	1636
ENSG0000(	10.48938	3.991438	1.3306	0.084501	0.14008	ANGPT2	chr8	-	6357172	6420930	5416
ENSG0000(	456.1547	518.0527	-0.18292	0.4413	0.54717	TMEM101	chr17	-	42088556	42101314	1830
ENSG0000(	172.4985	715.4748	-2.0445	1.22E-32	1.72E-31	CD200	chr3	+	1.12E+08	1.12E+08	2129
ENSG0000(	13560.42	190.2867	6.1317	5.45E-171	8.27E-169	CCDC80	chr3	-	1.12E+08	1.12E+08	4664
ENSG0000(	0.943682	0.700845	0.33849	0.83415	NA	CMA1	chr14	-	24974559	24977471	937
ENSG0000(	783.8371	604.7171	0.37361	0.00846	0.018014	PSME1	chr14	+	24605367	24608176	1136
ENSG0000(	208.4719	148.5003	0.48767	0.087164	0.14386	PPP2R3C	chr14	-	35554673	35591723	1846
ENSG0000(	70.62497	156.4593	-1.1424	4.60E-08	1.85E-07	HAUS4	chr14	-	23415437	23426370	1642
ENSG0000(	2.843026	1527.476	-8.5516	1.28E-24	1.32E-23	JPH4	chr14	-	24037244	24048009	4386
ENSG0000(	0.290301	0.594029	-0.38058	0.83094	NA	MYH7	chr14	-	23881947	23904927	6087
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CEBPE	chr14	-	23586513	23588825	1554
ENSG0000(	1780.603	5390.769	-1.5967	1.12E-49	2.54E-48	SLC7A8	chr14	-	23594504	23652883	4216
ENSG0000(	393.5183	395.3301	-0.00589	0.97682	0.98684	OSGEP	chr14	-	20914570	20923264	3258
ENSG0000(	2629.283	900.9704	1.5395	7.44E-14	4.52E-13	SLC22A17	chr14	-	23815515	23822121	2409
ENSG0000(	417.4114	443.0977	-0.08499	0.51674	0.61949	RNF31	chr14	+	24615892	24629870	3627
ENSG0000(	743.0806	558.0206	0.41335	0.021435	0.042003	SCFD1	chr14	+	31091318	31205018	2359
ENSG0000(	574.5655	660.4509	-0.1996	0.2284	0.32149	G2E3	chr14	+	31028329	31089269	5804
ENSG0000(	2912.29	1576.04	0.88545	2.73E-19	2.22E-18	HECTD1	chr14	-	31569318	31677010	9134
ENSG0000(	8991.54	16649.59	-0.88806	9.74E-18	7.39E-17	HNRNPC	chr14	-	21677295	21737653	4501
ENSG0000(	1.379541	19.88434	-3.6462	2.23E-05	6.86E-05	RPGRIP1	chr14	+	21756098	21819460	3944
ENSG0000(	3358.43	6374.061	-0.92268	1.08E-09	4.95E-09	SUPT16H	chr14	-	21819631	21852425	4684
ENSG0000(	1116.593	856.2816	0.38331	0.001363	0.003314	TOX4	chr14	+	21944756	21967319	4697
ENSG0000(	156.3387	259.5934	-0.73069	1.49E-05	4.70E-05	GEMIN2	chr14	+	39583427	39606177	1476
ENSG0000(	14.88579	30.01192	-0.98449	0.047252	0.08471	TGM1	chr14	-	24718320	24733638	2777

ENSG0000(	672.7576	412.6666	0.70431	4.04E-09	1.77E-08	TINF2	chr14	-	24708849	24711880	2168
ENSG0000(	0.36308	14.49122	-4.6437	7.68E-05	0.000222	DAZL	chr3	-	16628299	16711813	3104
ENSG0000(	0	78.48863	-7.8268	9.05E-13	5.16E-12	TBL1Y	chrY	+	6778727	6959724	2407
ENSG0000(	2082.816	13055.57	-2.6466	2.02E-190	4.00E-188	SEMA6A	chr5	-	1.16E+08	1.16E+08	6878
ENSG0000(	599.3775	469.6752	0.35268	0.014631	0.029696	TRPM7	chr15	-	50844670	50979012	7263
ENSG0000(	687.5928	2356.599	-1.7753	4.67E-66	1.56E-64	TYRO3	chr15	+	41849873	41871536	3949
ENSG0000(	362.6365	261.2831	0.47193	0.001003	0.002486	WDR76	chr15	+	44119161	44160617	3978
ENSG0000(	0.580602	2.232041	-1.4553	0.32274	0.42568	CAPN3	chr15	+	42640301	42704516	3228
ENSG0000(	976.8489	479.8904	1.0252	2.25E-19	1.83E-18	SNAP23	chr15	+	42783431	42837547	2687
ENSG0000(	366.0881	174.2834	1.0636	0.000208	0.000569	TBX15	chr1	-	1.19E+08	1.2E+08	3504
ENSG0000(	3559.561	10433.42	-1.5493	2.37E-32	3.31E-31	PHGDH	chr1	+	1.2E+08	1.2E+08	3180
ENSG0000(	764.8756	2871.556	-1.9047	2.76E-35	4.22E-34	COL9A3	chr20	+	61447596	61472511	2485
ENSG0000(	2562.041	6039.716	-1.2346	3.06E-14	1.91E-13	EZR	chr6	-	1.59E+08	1.59E+08	3096
ENSG0000(	4969.191	2312.569	1.1022	3.35E-15	2.22E-14	MYL6	chr12	+	56551945	56557280	1564
ENSG0000(	1486.034	3367.167	-1.1791	4.28E-29	5.27E-28	AGO1	chr1	+	36335409	36395211	12790
ENSG0000(	19.50233	23.78199	-0.27981	0.59156	0.68645	TEKT2	chr1	+	36549676	36553876	1738
ENSG0000(	828.6951	812.3171	0.028859	0.86914	0.90895	CLSPN	chr1	-	36185819	36235568	4769
ENSG0000(	247.6246	214.7293	0.20715	0.28763	0.3893	RFFL	chr17	-	33333009	33416338	7293
ENSG0000(	10.11514	178.1745	-4.0875	9.39E-29	1.14E-27	UNC13D	chr17	-	73823306	73840798	4393
ENSG0000(	275.2618	199.3461	0.46305	0.040204	0.073719	MFSD11	chr17	+	74731947	74777531	3612
ENSG0000(	4667.165	4828.642	-0.04902	0.69087	0.76952	DPYSL2	chr8	+	26371791	26515694	4603
ENSG0000(	563.4033	38.05703	3.8849	1.31E-85	6.07E-84	TGFB2	chr1	+	2.19E+08	2.19E+08	5053
ENSG0000(	297.311	199.2643	0.57559	0.001355	0.003295	GPATCH2	chr1	-	2.18E+08	2.18E+08	5851
ENSG0000(	1513.887	1965.08	-0.3757	0.003084	0.007095	NUP50	chr22	+	45559722	45583892	5229
ENSG0000(	483.6015	552.4139	-0.19056	0.34096	0.44489	CDC45	chr22	+	19466982	19508135	2090
ENSG0000(	55.0206	259.0342	-2.2278	2.23E-24	2.28E-23	COMT	chr22	+	19929130	19957498	2437
ENSG0000(	13.61155	599.6581	-5.4386	9.13E-88	4.37E-86	CECR1	chr22	-	17660194	17702879	3986
ENSG0000(	7.667711	2.185918	1.6303	0.089112	0.14649	XXbac-B46	chr22	-	18270418	18294263	4328
ENSG0000(	0.290301	0	0.4146	0.81455	NA	VNN3	chr6	-	1.33E+08	1.33E+08	1761
ENSG0000(	861.3927	755.9491	0.18781	0.43646	0.54197	ECHDC1	chr6	-	1.28E+08	1.28E+08	2585
ENSG0000(	615.0407	311.2831	0.98067	8.97E-15	5.81E-14	LRRFIP2	chr3	-	37094117	37225180	3814
ENSG0000(	828.8159	499.7852	0.72958	3.27E-07	1.22E-06	SEC22C	chr3	-	42589461	42642572	5955
ENSG0000(	83.87083	33.09854	1.3288	3.29E-06	1.12E-05	XYLB	chr3	+	38388251	38462839	3664
ENSG0000(	1287.898	631.8793	1.0265	9.72E-22	8.86E-21	HDAC6	chrX	+	48659784	48683392	4832
ENSG0000(	0	100.199	-8.0979	4.56E-13	2.65E-12	GABRP	chr5	+	1.7E+08	1.7E+08	3576
ENSG0000(	1458.356	1739.304	-0.25232	0.38631	0.49053	CDC6	chr17	+	38443885	38459171	3072
ENSG0000(	135.6863	269.1121	-0.98205	8.77E-08	3.44E-07	UPRT	chrX	+	74493920	74524435	2234
ENSG0000(	689.9422	831.3778	-0.26878	0.040168	0.073664	CDC23	chr5	-	1.38E+08	1.38E+08	3153
ENSG0000(	1050.01	1494.658	-0.50807	2.86E-06	9.76E-06	AAAS	chr12	-	53701240	53718648	2016
ENSG0000(	7010.555	6985.481	0.005148	0.9562	0.97309	CBX5	chr12	-	54624724	54673886	11528
ENSG0000(	1069.672	689.1579	0.63414	0.00025	0.000676	SUCO	chr1	+	1.73E+08	1.73E+08	5917
ENSG0000(	878.1376	4832.623	-2.4573	1.98E-93	1.05E-91	MSH2	chr2	+	47630108	47789450	3628
ENSG0000(	232.5753	403.7944	-0.79217	1.42E-06	5.02E-06	MAP3K1	chr5	+	56111401	56191979	7011
ENSG0000(	852.7039	973.3971	-0.19039	0.15118	0.22868	DHPS	chr19	-	12786531	12792716	1363
ENSG0000(	247.0476	1084.897	-2.1313	1.57E-50	3.64E-49	HOOK2	chr19	-	12873817	12983554	2603
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	NXPE1	chr11	-	1.14E+08	1.14E+08	2289
ENSG0000(	5108.854	2450.292	1.0592	1.10E-24	1.14E-23	ARCN1	chr11	+	1.18E+08	1.18E+08	4038
ENSG0000(	17.03338	563.4848	-5.0258	1.34E-63	4.22E-62	EPB41L4B	chr9	-	1.12E+08	1.12E+08	5800
ENSG0000(	99.83877	198.5749	-0.99179	4.24E-06	1.42E-05	TMEM38B	chr9	+	1.08E+08	1.09E+08	3956
ENSG0000(	619.9109	600.1059	0.047115	0.77384	0.83724	PSMD5	chr9	-	1.24E+08	1.24E+08	3443
ENSG0000(	6.079207	12.92605	-1.0311	0.12631	0.19694	PTGS1	chr9	+	1.25E+08	1.25E+08	4964
ENSG0000(	2098.739	2415.94	-0.20268	0.13436	0.20734	NUP188	chr9	+	1.32E+08	1.32E+08	5689
ENSG0000(	1078.176	391.5343	1.4508	8.52E-07	3.06E-06	CRAT	chr9	-	1.32E+08	1.32E+08	2763
ENSG0000(	31.62985	60.12588	-0.91481	0.023699	0.045992	SH2D3C	chr9	-	1.31E+08	1.31E+08	3124
ENSG0000(	628.3374	431.041	0.54302	0.000112	0.000316	NANS	chr9	+	1.01E+08	1.01E+08	3027
ENSG0000(	187.2776	194.6766	-0.05577	0.76881	0.83305	TBC1D2	chr9	-	1.01E+08	1.01E+08	3198
ENSG0000(	190.0631	879.3723	-2.1962	1.34E-14	8.57E-14	DFNB31	chr9	-	1.17E+08	1.17E+08	3566
ENSG0000(	8.94277	3.823929	1.139	0.14516	0.22065	PDE6C	chr10	+	95372345	95425767	3307
ENSG0000(	351.7791	487.1012	-0.46802	0.001691	0.00405	CWF19L1	chr10	-	1.02E+08	1.02E+08	2694
ENSG0000(	130.0249	174.1352	-0.42073	0.075224	0.1268	SEMA4G	chr10	+	1.03E+08	1.03E+08	4656
ENSG0000(	1165.553	973.5476	0.25891	0.061443	0.10651	BTAF1	chr10	+	93683526	93790082	7250
ENSG0000(	174.7722	143.932	0.27955	0.26175	0.35993	IKZF5	chr10	-	1.25E+08	1.25E+08	4555
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	BLNK	chr10	-	97951458	98031344	1784
ENSG0000(	40.56064	223.7018	-2.4423	2.38E-24	2.43E-23	TLL2	chr10	-	98124363	98273675	6756
ENSG0000(	1.027626	101.7264	-6.2557	3.97E-14	2.46E-13	CYP26A1	chr10	+	94833232	94837647	2245

ENSG0000(	0	10.84292	-5.018	8.30E-05	0.000239	TDRD1	chr10	+	1.16E+08	1.16E+08	4510
ENSG0000(	323.0684	894.6309	-1.4652	5.75E-23	5.54E-22	SORBS1	chr10	-	97071528	97321171	7354
ENSG0000(	3.693391	52.81304	-3.7436	4.25E-10	2.01E-09	CRTAC1	chr10	-	99624757	99790585	2890
ENSG0000(	225.7137	594.1955	-1.3919	1.50E-20	1.30E-19	BAMBI	chr10	+	28966271	28971868	1884
ENSG0000(	540.933	13.52337	5.2553	4.81E-62	1.47E-60	IL11	chr19	-	55875757	55881831	2281
ENSG0000(	0	98.14236	-8.1297	8.04E-14	4.88E-13	MYO3A	chr10	+	26223196	26501456	5581
ENSG0000(	2038.674	2108.578	-0.04844	0.6199	0.71075	WAC	chr10	+	28821422	28909928	4526
ENSG0000(	309.1821	183.1392	0.75454	9.55E-06	3.07E-05	CREM	chr10	+	35415719	35501886	2658
ENSG0000(	1359.467	1808.204	-0.41074	0.000758	0.001915	NUBP2	chr16	+	1832902	1839192	2235
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	TPSD1	chr16	+	1306060	1308532	963
ENSG0000(	0.290301	60.732	-6.5584	1.82E-09	8.19E-09	C19orf77	chr19	-	3474405	3480540	908
ENSG0000(	474.6422	337.7652	0.49112	0.00196	0.004647	HIVEP1	chr6	+	12008995	12165232	9027
ENSG0000(	1.991846	0.98329	0.8324	0.53781	0.63861	TREM2	chr6	-	41126244	41130924	1044
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	KCNK16	chr6	-	39282474	39290744	1272
ENSG0000(	513.5466	969.5981	-0.91584	3.41E-16	2.39E-15	FKBP5	chr6	-	35541362	35696360	7384
ENSG0000(	965.6246	1916.709	-0.98866	1.47E-16	1.05E-15	SRPK1	chr6	-	35800743	35889119	4762
ENSG0000(	986.6931	1093.992	-0.14813	0.36116	0.46536	BRPF3	chr6	+	36164521	36200567	6052
ENSG0000(	226.6012	332.9293	-0.55456	0.000462	0.001207	MRPS18A	chr6	-	43639040	43655528	1062
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	PGC	chr6	-	41704449	41721847	1371
ENSG0000(	285.133	113.3926	1.327	2.00E-13	1.18E-12	TMEM14A	chr6	+	52535907	52551386	992
ENSG0000(	358.1557	102.6087	1.8031	2.25E-24	2.30E-23	EFHC1	chr6	+	52285106	52387892	5445
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	NCR2	chr6	+	41303393	41318625	1154
ENSG0000(	24393.48	53926.83	-1.1434	1.36E-25	1.45E-24	HSP90AB1	chr6	+	44214824	44221620	2674
ENSG0000(	3.454517	1.012429	1.4594	0.29061	0.39226	MLN	chr6	-	33762450	33771788	566
ENSG0000(	1114.268	1028.451	0.11597	0.45371	0.55916	CDC5L	chr6	+	44355262	44418163	6423
ENSG0000(	311.8939	2136.641	-2.7723	9.01E-90	4.50E-88	ITPR3	chr6	+	33588522	33664351	9668
ENSG0000(	123.6703	104.8408	0.23987	0.29971	0.4013	ZNF184	chr6	-	27418522	27440897	3101
ENSG0000(	3619.072	6614.201	-0.8688	2.58E-11	1.33E-10	DSP	chr6	+	7541808	7586950	9796
ENSG0000(	517.6137	1207.195	-1.2173	9.01E-10	4.17E-09	SIRT1	chr10	+	69644427	69678147	4094
ENSG0000(	2320.238	2833.956	-0.28824	0.003871	0.008763	HNRNPH3	chr10	+	70090931	70102948	3356
ENSG0000(	127.0405	173.1232	-0.44269	0.098787	0.15983	IFT74	chr9	+	26947037	27062928	2163
ENSG0000(	283.9422	58.90688	2.2667	8.74E-24	8.71E-23	JAK2	chr9	+	4985033	5128183	5285
ENSG0000(	0.580602	0.654722	-0.07721	0.96449	NA	IL12RB1	chr19	-	18169805	18209759	2906
ENSG0000(	5560.042	3834.515	0.53553	5.63E-08	2.24E-07	ABL1	chr9	+	1.34E+08	1.34E+08	5766
ENSG0000(	1956.784	2797.498	-0.51494	6.68E-07	2.42E-06	ACOT7	chr1	-	6324333	6454451	2429
ENSG0000(	1572.714	416.8727	1.9119	5.51E-37	8.92E-36	SH3GLB1	chr1	+	87170259	87213867	6371
ENSG0000(	199.1092	744.5042	-1.8977	1.53E-30	1.98E-29	CDC7	chr1	+	91966408	91991321	3313
ENSG0000(	69.96124	223.1339	-1.6708	1.65E-15	1.11E-14	SYDE2	chr1	-	85622556	85666729	5512
ENSG0000(	1290.464	595.906	1.1143	2.72E-22	2.54E-21	PCSK5	chr9	+	78505560	78977255	9538
ENSG0000(	21961	12738.26	0.78425	8.47E-07	3.04E-06	SCD	chr10	+	1.02E+08	1.02E+08	5362
ENSG0000(	180.5918	175.0732	0.042879	0.83251	0.88204	TMED1	chr19	-	10943114	10946994	1340
ENSG0000(	248.7027	1718.463	-2.7844	8.10E-109	5.32E-107	ABLIM1	chr10	-	1.16E+08	1.16E+08	7606
ENSG0000(	375.1738	681.6492	-0.85968	4.44E-06	1.48E-05	ERMP1	chr9	-	5765076	5833117	5376
ENSG0000(	995.5443	595.3919	0.74036	7.97E-06	2.59E-05	RAB18	chr10	+	27793197	27831143	4886
ENSG0000(	1764.979	5.069391	8.0189	4.34E-25	4.55E-24	NRP1	chr10	-	33466420	33625190	5882
ENSG0000(	1.887365	0.594029	1.1596	0.47015	0.57488	HSD17B7P2	chr10	+	38645305	38667433	1401
ENSG0000(	174.791	105.5577	0.72485	0.019101	0.037868	PRTFDC1	chr10	-	25137536	25241533	1944
ENSG0000(	13.00005	0.686276	3.7845	0.000553	0.001426	PALMD	chr1	+	1E+08	1E+08	5294
ENSG0000(	63.81121	152.9713	-1.2543	7.51E-08	2.96E-07	TSPAN15	chr10	+	71211229	71267425	1698
ENSG0000(	1660.369	2236.843	-0.42941	0.000329	0.000875	H2AFY2	chr10	+	71812552	71872036	1980
ENSG0000(	580.0669	381.0641	0.60586	1.22E-05	3.86E-05	FAM21A	chr10	+	51827648	51893269	4642
ENSG0000(	288.5492	259.8674	0.14959	0.58485	0.68066	MAST3	chr19	+	18208603	18262494	5888
ENSG0000(	283.0652	266.6992	0.083567	0.62641	0.71641	MZF1	chr19	-	59073298	59084942	3261
ENSG0000(	189.0395	338.2249	-0.83675	0.000392	0.001032	OCEL1	chr19	+	17337013	17340028	1485
ENSG0000(	5663.072	2458.25	1.2023	5.39E-23	5.20E-22	MYO9B	chr19	+	17186591	17325346	7623
ENSG0000(	290.3141	297.2205	-0.03396	0.90716	0.93617	KCNK6	chr19	+	38810484	38819660	2666
ENSG0000(	5.705775	21.65435	-1.8476	0.012415	0.025593	CATSPERG	chr19	+	38826415	38861589	3785
ENSG0000(	3388.545	2235.991	0.5997	5.17E-09	2.24E-08	PSMD8	chr19	+	38865176	38874464	1581
ENSG0000(	1848.106	3358.759	-0.86093	2.94E-18	2.27E-17	FBXL19	chr16	+	30934376	30960104	3965
ENSG0000(	245.6249	235.0308	0.061121	0.78544	0.84634	STX1B	chr16	-	31000577	31021949	4664
ENSG0000(	122.3386	63.78533	0.93967	3.05E-05	9.24E-05	HSD3B7	chr16	+	30996519	31000473	2200
ENSG0000(	941.3198	1406.907	-0.57808	0.000574	0.001476	SETD1A	chr16	+	30968615	30996437	6903
ENSG0000(	745.638	270.5711	1.4557	2.77E-14	1.73E-13	BCL7C	chr16	-	30844947	30906281	2409
ENSG0000(	0	4.351561	-3.61	0.013975	0.028493	MAGEB2	chrX	+	30233677	30238206	1610
ENSG0000(	350.0286	534.2867	-0.60677	0.013251	0.027173	EFNA2	chr19	+	1286153	1301430	2143

ENSG0000(	3374.316	3314.749	0.02573	0.86605	0.90673	CIRBP	chr19	+	1259384	1274879	3528
ENSG0000(	1369.748	1514.579	-0.14499	0.15321	0.23117	ATP5D	chr19	+	1241749	1244824	1587
ENSG0000(	750.4099	639.1544	0.23016	0.3377	0.44143	C19orf26	chr19	-	1228286	1238026	4261
ENSG0000(	45.42722	63.46401	-0.47403	0.10287	0.1653	PCDH11Y	chrY	+	4868267	5610265	8240
ENSG0000(	0	1.949596	-2.4359	0.13595	0.20899	AMELY	chrY	-	6733959	6742068	802
ENSG0000(	267.8455	244.8465	0.1291	0.41809	0.52333	PRKY	chrY	+	7142013	7249589	7218
ENSG0000(	2.572449	5.568757	-1.0255	0.25987	0.35782	IGFALS	chr16	-	1840414	1844972	2136
ENSG0000(	7825.034	11549.22	-0.55947	0.010589	0.022141	HNRNPM	chr19	+	8509651	8553998	2568
ENSG0000(	291.1883	256.8389	0.17901	0.41577	0.52088	2-Mar	chr19	+	8478154	8503901	1667
ENSG0000(	1067.016	1351.171	-0.34064	0.001187	0.002911	NDUFB7	chr19	-	14676890	14682874	531
ENSG0000(	1620.348	1397.463	0.2132	0.028111	0.053611	TECR	chr19	+	14627897	14676792	2899
ENSG0000(	1286.615	3159.519	-1.2937	1.25E-19	1.03E-18	TIMM13	chr19	-	2425622	2427892	1973
ENSG0000(	1716.214	2649.076	-0.62546	8.16E-07	2.93E-06	CDC34	chr19	+	531714	542087	1464
ENSG0000(	507.3384	626.4679	-0.30354	0.061921	0.10721	MTAP	chr9	+	21802542	21932738	6122
ENSG0000(	1.608228	20.38129	-3.4377	2.05E-05	6.33E-05	C19orf21	chr19	+	751126	764318	2871
ENSG0000(	2052.11	2204.783	-0.10336	0.32417	0.42706	CEP170B	chr14	+	1.05E+08	1.05E+08	6784
ENSG0000(	3283.817	4646.365	-0.50033	4.51E-07	1.66E-06	POLR2E	chr19	-	1086594	1095598	2441
ENSG0000(	1533.786	3839.975	-1.3216	7.76E-19	6.17E-18	POLRMT	chr19	-	617223	633568	3800
ENSG0000(	32.70793	227.4964	-2.7743	1.72E-18	1.35E-17	HCN2	chr19	+	589893	617159	3408
ENSG0000(	56.0285	42.21456	0.39611	0.44145	0.54726	CDHR5	chr11	-	616565	626078	3635
ENSG0000(	6.172523	4.259314	0.50497	0.54318	0.64365	IZUMO4	chr19	+	2096380	2099592	2144
ENSG0000(	328.7663	433.7671	-0.39916	0.045082	0.081224	RASSF7	chr11	+	560404	564021	1928
ENSG0000(	687.7048	126.6747	2.4388	1.51E-48	3.32E-47	GADD45B	chr19	+	2476120	2478257	2007
ENSG0000(	955.0549	698.6263	0.44854	0.083402	0.13846	PALM	chr19	+	708953	748329	2740
ENSG0000(	11.54692	132.7061	-3.4401	2.53E-10	1.22E-09	MADCAM1	chr19	+	489176	505347	1723
ENSG0000(	26.30509	1.340997	4.0658	5.93E-07	2.16E-06	IGF2-AS	chr11	+	2161731	2169894	2061
ENSG0000(	1258.613	3092.392	-1.2956	9.74E-34	1.43E-32	MKNK2	chr19	-	2037470	2051243	4093
ENSG0000(	557.8369	1157.535	-1.0499	6.76E-09	2.91E-08	ARVCF	chr22	-	19957419	20004331	4041
ENSG0000(	488.8437	552.3345	-0.17595	0.18467	0.26998	TRMT2A	chr22	-	20099389	20104915	2964
ENSG0000(	2362.548	4764.268	-1.0094	7.27E-09	3.12E-08	RANBP1	chr22	+	20103461	20114878	2177
ENSG0000(	1443.425	898.3944	0.68291	2.12E-06	7.35E-06	ZDHHC8	chr22	+	20116979	20135530	5046
ENSG0000(	790.2028	187.908	2.0616	7.44E-19	5.92E-18	KLHL22	chr22	-	20783528	20850170	2616
ENSG0000(	1943.833	1173.953	0.72677	9.52E-12	5.06E-11	MED15	chr22	+	20850200	20941919	4701
ENSG0000(	3.547834	2.65044	0.39542	0.69123	0.76974	SERPIND1	chr22	+	21128167	21142008	2437
ENSG0000(	329.0796	152.976	1.1037	1.79E-12	1.00E-11	SNAP29	chr22	+	21213271	21245502	4283
ENSG0000(	1588.705	3143.326	-0.98355	2.39E-19	1.95E-18	CRKL	chr22	+	21271714	21308037	5325
ENSG0000(	1703.424	709.335	1.2615	2.27E-24	2.32E-23	LZTR1	chr22	+	21333751	21353327	4572
ENSG0000(	1283.02	196.2973	2.6911	2.78E-23	2.71E-22	MMP11	chr22	+	24110413	24126503	3823
ENSG0000(	0	2468.531	-12.363	1.28E-31	1.74E-30	CECR2	chr22	+	17840837	18033845	5637
ENSG0000(	2308.873	2771.849	-0.26328	0.007509	0.016148	SMARCB1	chr22	+	24129150	24176703	1728
ENSG0000(	4.770652	2.947455	0.64182	0.52085	0.62349	P2RX6	chr22	+	21364097	21383119	3687
ENSG0000(	128.6699	175.2664	-0.44481	0.073675	0.12458	DERL3	chr22	-	24176690	24181315	3525
ENSG0000(	0	2.976593	-2.7957	0.092852	0.15184	SLC7A4	chr22	-	21383007	21387129	2313
ENSG0000(	701.4287	787.492	-0.16651	0.17117	0.25358	BCL2L13	chr22	+	18111621	18213388	4458
ENSG0000(	7.758422	32.39199	-2.0061	9.33E-05	0.000267	DDTL	chr22	+	24309089	24314721	1545
ENSG0000(	5.166249	9.491381	-0.84444	0.29135	0.39317	DDT	chr22	-	24313554	24322660	1048
ENSG0000(	0.36308	17.01302	-4.8554	3.00E-05	9.08E-05	GSTT2	chr22	+	24322339	24326106	1094
ENSG0000(	0	1.903472	-2.1599	0.21236	NA	OSM	chr22	-	30658818	30662829	1854
ENSG0000(	3136.91	2827.173	0.14974	0.30375	0.40511	CABIN1	chr22	+	24407642	24574596	7480
ENSG0000(	191.8277	59.44443	1.6733	2.65E-09	1.18E-08	TBC1D10A	chr22	-	30687979	30723035	5562
ENSG0000(	20.49906	27.94261	-0.44749	0.36781	0.47243	SUSD2	chr22	+	24577227	24585078	4938
ENSG0000(	2686.106	3738.572	-0.47616	0.000127	0.000356	SF3A1	chr22	-	30727979	30752936	4923
ENSG0000(	44.02193	0.700845	5.5666	1.27E-09	5.80E-09	GGT5	chr22	-	24615622	24641110	2494
ENSG0000(	428.6079	247.6087	0.78778	0.002998	0.006911	RNF215	chr22	-	30773835	30817760	1992
ENSG0000(	161.2532	26.93334	2.5628	1.85E-23	1.82E-22	SEC14L2	chr22	+	30792846	30821305	4381
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	SEC14L3	chr22	-	30843946	30868036	2474
ENSG0000(	574.5644	559.0539	0.039673	0.76114	0.82669	SPECC1L	chr22	+	24666786	24813708	6756
ENSG0000(	933.9839	717.0578	0.38082	0.023515	0.045696	PPIL2	chr22	+	22006559	22052565	4213
ENSG0000(	0.923144	1.903472	-0.79725	0.58941	0.6847	UPB1	chr22	+	24863206	24924358	3418
ENSG0000(	119.8259	290.7066	-1.2626	0.001552	0.003737	YPEL1	chr22	-	22051833	22090123	4329
ENSG0000(	1431.135	2108.245	-0.55739	0.001146	0.002818	SNRPD3	chr22	+	24951471	25005947	1763
ENSG0000(	1740.693	2893.945	-0.73133	2.80E-05	8.52E-05	PES1	chr22	-	30972615	31003070	2760
ENSG0000(	2283.019	1598.699	0.51332	2.22E-07	8.40E-07	MAPK1	chr22	-	22108789	22221970	11022
ENSG0000(	11.85695	101.272	-3.0356	8.45E-14	5.11E-13	GGT1	chr22	+	24979718	25024972	2632
ENSG0000(	0.685084	1214.111	-10.171	1.53E-38	2.60E-37	PRODH	chr22	-	18900294	18924066	4676

ENSG0000(	1535.702	686.3807	1.157	1.69E-07	6.46E-07	PPM1F	chr22	-	22273793	22307209	5587
ENSG0000(	304.902	165.4128	0.87748	0.000261	0.000704	SLC35E4	chr22	+	31031639	31065003	2714
ENSG0000(	523.8905	623.6807	-0.25083	0.10077	0.16252	TOP3B	chr22	-	22311397	22337213	4163
ENSG0000(	3.278071	4.73599	-0.47923	0.61301	0.70507	CRYBB3	chr22	+	25595817	25603330	867
ENSG0000(	2.323223	0.357707	1.9274	0.23067	0.32409	CYTH4	chr22	+	37678068	37711382	3667
ENSG0000(	378.3587	443.7812	-0.22913	0.097327	0.15786	DGCR14	chr22	-	19117792	19132197	5392
ENSG0000(	256.0442	192.3764	0.41286	0.038302	0.070629	CRYBB2P1	chr22	+	25844072	25916821	1560
ENSG0000(	7.374804	38.56942	-2.3065	7.75E-05	0.000224	MFNG	chr22	-	37865101	37882439	2088
ENSG0000(	727.3025	731.8989	-0.00997	0.94014	0.96075	CARD10	chr22	-	37886400	37915549	4113
ENSG0000(	174.1746	145.6236	0.25666	0.19916	0.28757	LRP5L	chr22	-	25747385	25801344	3605
ENSG0000(	4650.136	4489.815	0.0508	0.59953	0.69359	SLC25A1	chr22	-	19163095	19166343	1641
ENSG0000(	105.3768	638.7444	-2.5939	1.47E-39	2.56E-38	ADRBK2	chr22	+	25960816	26125259	9101
ENSG0000(	988.4251	425.9411	1.2145	5.87E-20	4.93E-19	PLA2G3	chr22	-	31530795	31536593	2697
ENSG0000(	17.0549	1.782087	2.9471	0.001306	0.003183	LGALS2	chr22	-	37966255	37978623	589
ENSG0000(	1011.34	1276.211	-0.33504	0.001242	0.003035	GGA1	chr22	+	38004481	38029571	3205
ENSG0000(	160.6528	258.7985	-0.68626	0.004917	0.01096	HIRA	chr22	-	19318221	19435224	4053
ENSG0000(	125.3614	226.7947	-0.85047	0.001123	0.002765	SH3BP1	chr22	+	38030661	38062939	3123
ENSG0000(	0.705622	20.37317	-4.4821	5.12E-06	1.70E-05	SEZ6L	chr22	+	26565440	26779562	6532
ENSG0000(	31341.37	272.5118	6.8199	4.03E-225	1.16E-222	LGALS1	chr22	+	38071615	38075813	637
ENSG0000(	724.4114	907.4326	-0.32442	0.053573	0.09446	HPS4	chr22	-	26839389	26879803	6136
ENSG0000(	272.2744	97.05387	1.4851	4.40E-12	2.39E-11	PIK3IP1	chr22	-	31677579	31688520	3030
ENSG0000(	188.3093	111.8072	0.74724	0.000905	0.00226	SRRD	chr22	+	26879843	26887899	1295
ENSG0000(	774.481	2993.432	-1.9459	2.94E-31	3.95E-30	PATZ1	chr22	-	31721790	31742218	3781
ENSG0000(	301.6688	168.607	0.83233	2.83E-05	8.62E-05	TRIOBP	chr22	+	38093011	38172563	10129
ENSG0000(	1007.814	659.3034	0.61177	6.24E-06	2.06E-05	TFIP11	chr22	-	26887191	26908471	3586
ENSG0000(	507.6627	560.5395	-0.14231	0.41238	0.51724	GCAT	chr22	+	38203912	38213183	1656
ENSG0000(	19.84308	12.48013	0.66072	0.26639	0.36512	CRYBB1	chr22	-	26995242	27014052	1102
ENSG0000(	372.2088	178.9165	1.0543	2.52E-10	1.21E-09	ANKRD54	chr22	-	38226862	38240438	2403
ENSG0000(	33.92137	86.19141	-1.3304	7.45E-06	2.43E-05	EIF3L	chr22	+	38244875	38285414	3220
ENSG0000(	1337.14	1925.443	-0.5247	6.27E-05	0.000183	NHP2L1	chr22	-	42069934	42086508	1670
ENSG0000(	1188.802	1135.499	0.065408	0.63048	0.71982	MICALL1	chr22	+	38301664	38338829	4710
ENSG0000(	896.9637	1186.638	-0.40243	0.003451	0.007884	POLR2F	chr22	+	38348614	38437113	2106
ENSG0000(	4.523219	62.3749	-3.6766	3.56E-11	1.82E-10	SOX10	chr22	-	38366693	38383429	2879
ENSG0000(	107.3611	108.6283	-0.01644	0.93732	0.95862	CCDC134	chr22	+	42196683	42222303	1270
ENSG0000(	314.525	346.0765	-0.13905	0.46185	0.56694	DEPDC5	chr22	+	32149944	32303001	5410
ENSG0000(	194.8295	453.5366	-1.215	2.44E-12	1.35E-11	PICK1	chr22	+	38452318	38471708	2531
ENSG0000(	1375.766	354.179	1.9537	1.14E-56	3.07E-55	TTC28	chr22	-	28374004	29075853	11793
ENSG0000(	3.838135	15.53278	-1.9193	0.004628	0.010359	SLC16A8	chr22	-	38474141	38480100	1878
ENSG0000(	232.7604	475.966	-1.0285	1.00E-11	5.30E-11	CENPM	chr22	-	42334725	42343168	1002
ENSG0000(	28.88096	810.8921	-4.792	7.43E-116	5.37E-114	3-Sep	chr22	+	42372276	42394225	4649
ENSG0000(	0.943682	1.430828	-0.39163	0.81182	0.86764	SLC5A1	chr22	+	32439019	32509016	5061
ENSG0000(	0.290301	6.018711	-3.434	0.008744	0.018588	TPTEP1	chr22	+	17082777	17179521	5725
ENSG0000(	2.749709	9.433978	-1.6647	0.080627	0.13446	SLC5A4	chr22	-	32614465	32651328	2028
ENSG0000(	2146.657	93.12076	4.5128	1.44E-179	2.48E-177	KDELR3	chr22	+	38864067	38879452	1728
ENSG0000(	12.9179	6.756815	0.87533	0.21132	0.30165	CYP2D6	chr22	-	42522501	42526908	2257
ENSG0000(	9434.845	7995.821	0.23851	0.005043	0.011228	DDX17	chr22	-	38879445	38903665	6441
ENSG0000(	9.69126	49.90271	-2.3279	1.47E-06	5.17E-06	DMC1	chr22	-	38914954	38966291	2371
ENSG0000(	1429.514	1264.258	0.17725	0.12529	0.19573	TCF20	chr22	-	42556019	42739622	7410
ENSG0000(	109.4335	76.66364	0.51177	0.019589	0.038739	HSCB	chr22	+	29138019	29153503	1114
ENSG0000(	211.2985	139.9779	0.59399	0.000952	0.002371	CBY1	chr22	+	39052641	39069859	1269
ENSG0000(	884.4524	1474.141	-0.73556	1.05E-06	3.75E-06	TOMM22	chr22	+	39077953	39080818	1432
ENSG0000(	6.234137	2.185918	1.3556	0.16393	0.24464	RTDR1	chr22	-	23401593	23487208	1291
ENSG0000(	2573.614	1970.45	0.38439	0.000734	0.001858	XBP1	chr22	-	29190543	29196585	2173
ENSG0000(	1798.384	2216.847	-0.30136	0.004895	0.010914	C22orf28	chr22	-	32783569	32808242	2027
ENSG0000(	1721.909	678.4162	1.3399	4.46E-14	2.75E-13	JOSD1	chr22	-	39081548	39097561	3648
ENSG0000(	1654.667	1227.7	0.43005	4.63E-05	0.000137	FBXO7	chr22	+	32870663	32894818	6884
ENSG0000(	1437.828	2862.137	-0.99104	4.81E-09	2.09E-08	GTPBP1	chr22	+	39101728	39134304	5126
ENSG0000(	2137.449	2833.868	-0.40626	0.000174	0.000482	POLDIP3	chr22	-	42979727	43010968	3441
ENSG0000(	307.2067	39.00386	2.9611	1.36E-23	1.35E-22	RAB36	chr22	+	23487513	23506537	3828
ENSG0000(	13295.01	148.172	6.4779	0	0	TIMP3	chr22	+	33197687	33259030	4603
ENSG0000(	1578.513	1071.192	0.55811	5.28E-05	0.000156	PPP6R2	chr22	+	50781733	50883514	4030
ENSG0000(	4625.305	3086.182	0.58245	0.000145	0.000404	SBF1	chr22	-	50885184	50913454	6253
ENSG0000(	1229.085	465.4424	1.3995	6.47E-29	7.89E-28	SUN2	chr22	-	39130730	39190148	4055
ENSG0000(	5831.262	2326.974	1.3242	1.13E-35	1.77E-34	CYB5R3	chr22	-	43013846	43045574	3938
ENSG0000(	306.5046	232.279	0.39751	0.019375	0.038359	DNAL4	chr22	-	39174513	39190203	1504

ENSG0000(	0.943682	3.24447	-1.4995	0.23149	0.32499	MIOX	chr22	+	50925213	50929077	1658
ENSG0000(	2796.462	856.3992	1.7044	6.21E-43	1.18E-41	LMF2	chr22	-	50941376	50946135	2658
ENSG0000(	524.062	822.1043	-0.64791	3.05E-05	9.23E-05	RHBDD3	chr22	-	29655841	29664198	1794
ENSG0000(	1492.914	1695.753	-0.18351	0.087478	0.14427	PACSIN2	chr22	-	43231418	43411151	3249
ENSG0000(	204.9282	115.3522	0.82252	0.000868	0.002176	TTLL1	chr22	-	43435522	43485434	1686
ENSG0000(	23.5271	26.43968	-0.16852	0.67606	0.75745	RASL10A	chr22	-	29708922	29711745	1720
ENSG0000(	2213.081	2677.804	-0.27471	0.003494	0.007973	AP1B1	chr22	-	29723669	29819168	4176
ENSG0000(	839.9998	893.2648	-0.08772	0.44515	0.55066	HMGXB4	chr22	+	35653445	35691800	4216
ENSG0000(	640.3964	530.0233	0.27257	0.032059	0.060198	TOM1	chr22	+	35695268	35743985	2622
ENSG0000(	45.75004	141.0422	-1.6165	4.55E-10	2.15E-09	NEFH	chr22	+	29876219	29887379	3783
ENSG0000(	2.334388	5.179496	-1.0772	0.2567	0.35416	CHKB	chr22	-	51017378	51039884	2114
ENSG0000(	10.38572	25.03799	-1.2569	0.015579	0.031442	BIK	chr22	+	43506754	43525718	953
ENSG0000(	300.1919	200.2332	0.58188	0.000292	0.000784	HMOX1	chr22	+	35776354	35790207	1822
ENSG0000(	291.1839	341.1928	-0.22887	0.19678	0.28476	MCAT	chr22	-	43528886	43539400	1379
ENSG0000(	920.3167	919.3394	0.002019	0.99133	0.99536	THOC5	chr22	-	29901868	29951205	4753
ENSG0000(	2051.601	5980.219	-1.5373	4.12E-12	2.24E-11	MCM5	chr22	+	35796056	35821423	4599
ENSG0000(	0	3.3343	-2.9544	0.072797	0.12324	APOBEC3H	chr22	+	39493229	39500072	1047
ENSG0000(	591.963	125.0781	2.2383	7.78E-47	1.62E-45	ARSA	chr22	-	51063446	51066607	2053
ENSG0000(	2167.636	250.8614	3.1021	2.99E-71	1.09E-69	TSPO	chr22	+	43547520	43559248	955
ENSG0000(	123.3986	62.26803	0.97713	0.007928	0.016958	RASD2	chr22	+	35936915	35950048	3412
ENSG0000(	1307.417	5166.063	-1.9808	8.80E-97	4.83E-95	TTLL12	chr22	-	43562628	43583139	3385
ENSG0000(	69.1649	248.8528	-1.8305	1.68E-07	6.44E-07	CBX7	chr22	-	39516172	39548679	4081
ENSG0000(	332.6246	119.2197	1.4715	5.86E-08	2.33E-07	PDGFB	chr22	-	39619364	39640756	3497
ENSG0000(	0.632843	2.24661	-1.4573	0.29805	0.39992	ACR	chr22	+	51176624	51183762	1433
ENSG0000(	8.495746	9.323873	-0.12291	0.8449	0.89127	CABP7	chr22	+	30116073	30127828	3259
ENSG0000(	28673.43	47800.97	-0.73666	3.75E-12	2.05E-11	RPL3	chr22	-	39708887	39716394	2108
ENSG0000(	134.0935	90.19514	0.56831	0.069417	0.11827	ZMAT5	chr22	-	30126945	30163000	2468
ENSG0000(	7204.915	2969.458	1.2776	4.44E-31	5.93E-30	RBFOX2	chr22	-	36134783	36424473	6932
ENSG0000(	653.6761	689.1094	-0.07627	0.68554	0.7653	SYNGR1	chr22	+	39745930	39781593	4391
ENSG0000(	834.928	840.4498	-0.00959	0.95236	0.97023	TAB1	chr22	+	39795746	39833065	3237
ENSG0000(	1130.256	828.96	0.44748	4.91E-05	0.000145	ASCC2	chr22	-	30184597	30234271	2823
ENSG0000(	1047.208	500.0254	1.0636	4.00E-09	1.75E-08	MTMR3	chr22	+	30279144	30426855	8906
ENSG0000(	1125.813	1249.692	-0.15063	0.13971	0.21349	SMCR7L	chr22	+	39895437	39914137	5625
ENSG0000(	15.87218	0.654722	4.1219	6.44E-05	0.000188	APOL4	chr22	-	36585172	36600886	3414
ENSG0000(	0.290301	119.6632	-7.567	3.20E-14	1.99E-13	PNPLA5	chr22	-	44275558	44287893	2539
ENSG0000(	4.055658	0.686276	2.1195	0.12047	0.18946	APOL1	chr22	+	36649056	36663576	3000
ENSG0000(	1249.969	495.5938	1.3325	8.52E-19	6.76E-18	PNPLA3	chr22	+	44319619	44360368	2805
ENSG0000(	31778.56	16566.62	0.9389	1.12E-18	8.84E-18	MYH9	chr22	-	36677327	36784063	7501
ENSG0000(	3.942617	79.19761	-4.1841	2.80E-11	1.44E-10	CACNA1I	chr22	+	39966758	40085742	10015
ENSG0000(	787.8384	1180.144	-0.58192	2.23E-07	8.45E-07	SAMM50	chr22	+	44351301	44406411	3248
ENSG0000(	905.8048	907.0227	-0.00093	0.99421	0.99669	TXN2	chr22	-	36863083	36878077	1736
ENSG0000(	411.6884	494.5009	-0.26337	0.055744	0.097787	FOXRED2	chr22	-	36883237	36903148	4967
ENSG0000(	9.346926	2.399549	1.8613	0.029619	0.056152	GRAP2	chr22	+	40297086	40369725	3893
ENSG0000(	2773.804	3968.355	-0.5159	4.09E-05	0.000122	EIF3D	chr22	-	36906897	36925483	2155
ENSG0000(	1487.927	1426.408	0.060646	0.57938	0.67587	TNRC6B	chr22	+	40440821	40731811	18279
ENSG0000(	1683.619	1272.704	0.40268	0.003916	0.008858	SGSM3	chr22	+	40766595	40806122	4218
ENSG0000(	563.7712	356.085	0.66048	0.000134	0.000377	IFT27	chr22	-	37154246	37172300	6475
ENSG0000(	0	23.21548	-6.1355	1.73E-07	6.61E-07	PVALB	chr22	-	37196728	37215523	595
ENSG0000(	2131.426	1589.331	0.4223	0.015464	0.031236	KIAA0930	chr22	-	45588114	45636650	6224
ENSG0000(	1.733248	0.357707	1.5335	0.35837	0.46266	NCF4	chr22	+	37257030	37274057	1641
ENSG0000(	1.649304	1.606458	0.019561	0.98823	0.99335	CSF2RB	chr22	+	37309670	37336491	4866
ENSG0000(	369.482	396.9033	-0.10092	0.59268	0.68751	SLC25A17	chr22	-	41165634	41215403	2530
ENSG0000(	0	4.135513	-3.561	0.015338	0.031019	UPK3A	chr22	+	45680863	45691755	1051
ENSG0000(	330.9824	333.8738	-0.01271	0.93336	0.95629	FAM118A	chr22	+	45704849	45737836	3458
ENSG0000(	1033.029	476.2204	1.1166	2.45E-21	2.20E-20	KCTD17	chr22	+	37447779	37459430	1763
ENSG0000(	4432.896	4997.602	-0.17286	0.067123	0.11494	ST13	chr22	-	41220539	41253026	3595
ENSG0000(	54.85548	13.15022	2.0323	3.83E-07	1.42E-06	IL2RB	chr22	-	37521878	37571094	4113
ENSG0000(	38.28852	26.14099	0.54507	0.1828	0.26772	RBX1	chr22	+	41347351	41369313	1871
ENSG0000(	2814.408	3450.328	-0.29334	0.033952	0.063407	EP300	chr22	+	41487790	41576081	9585
ENSG0000(	425.9089	420.5598	0.018829	0.9347	0.95722	L3MBTL2	chr22	+	41601209	41627275	5875
ENSG0000(	4.99934	8.133399	-0.63144	0.44217	0.54795	CHADL	chr22	-	41625517	41636938	2533
ENSG0000(	2863.937	4702.485	-0.71439	3.98E-08	1.60E-07	RANGAP1	chr22	-	41641615	41682255	4222
ENSG0000(	3790.143	3221.012	0.23452	0.015733	0.031735	ZC3H7B	chr22	+	41697526	41756151	5909
ENSG0000(	487.7964	968.5206	-0.98749	2.41E-10	1.16E-09	PHF5A	chr22	-	41855721	41864729	1086
ENSG0000(	1682.483	1513.825	0.15222	0.15824	0.23761	ACO2	chr22	+	41865129	41924993	2811

ENSG0000(	878.3651	515.3754	0.76458	0.007735	0.016595	POLR3H	chr22	-	41921808	41940610	4416
ENSG0000(	619.5907	846.3223	-0.44876	0.006605	0.014358	TRMU	chr22	+	46726772	46753237	2933
ENSG0000(	368.7505	93.77145	1.965	2.19E-23	2.15E-22	PMM1	chr22	-	41972898	41985894	2538
ENSG0000(	729.2011	723.7704	0.010218	0.95232	0.97023	DESI1	chr22	-	41994032	42017100	3833
ENSG0000(	2252.814	1731.996	0.37927	2.84E-05	8.62E-05	CERK	chr22	-	47080308	47134158	4450
ENSG0000(	1063.351	1198.519	-0.17239	0.24046	0.33533	BRD1	chr22	-	50166931	50221160	4614
ENSG0000(	1193.547	1205.009	-0.01373	0.93235	0.95566	ZBED4	chr22	+	50247490	50282090	5257
ENSG0000(	2.624689	5.583326	-1.0154	0.25771	0.35535	MLC1	chr22	-	50497820	50524331	3933
ENSG0000(	3.931452	3.602177	0.11453	0.90119	0.93178	HDAC10	chr22	-	50683612	50689834	2687
ENSG0000(	1.359003	21.45683	-3.7855	3.36E-06	1.14E-05	KCNK10	chr14	-	88649113	88793251	4835
ENSG0000(	632.3267	721.8449	-0.19046	0.14363	0.21861	ABHD4	chr14	+	23067146	23081265	2510
ENSG0000(	1159.554	541.3676	1.0946	8.07E-07	2.90E-06	KHNYN	chr14	+	24898492	24910540	6225
ENSG0000(	792.8582	885.8076	-0.15913	0.25408	0.35113	FKBP3	chr14	-	45584803	45604522	1684
ENSG0000(	88.9868	126.7056	-0.50602	0.027915	0.053268	SDR39U1	chr14	-	24908972	24912111	2336
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	CTSG	chr14	-	25042728	25045466	1364
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	GZMB	chr14	-	25100160	25103473	968
ENSG0000(	939.5155	795.0386	0.24064	0.1511	0.22858	RBM23	chr14	-	23369854	23388393	4240
ENSG0000(	345.3194	625.6045	-0.85564	1.12E-09	5.13E-09	PRMT5	chr14	-	23389720	23398794	2531
ENSG0000(	659.9431	90.10691	2.8632	1.86E-69	6.60E-68	COCH	chr14	+	31343720	31364271	2688
ENSG0000(	74.80565	79.33664	-0.08071	0.76583	0.83062	AP4S1	chr14	+	31494312	31562818	2256
ENSG0000(	134.3509	214.6118	-0.67557	0.000876	0.002194	POLE2	chr14	-	50110273	50155140	1792
ENSG0000(	147.0371	149.4782	-0.02405	0.92309	0.94824	METTL21D	chr14	-	50575350	50583318	1849
ENSG0000(	497.3904	197.7123	1.3286	5.73E-19	4.58E-18	SOS2	chr14	-	50583847	50698276	5489
ENSG0000(	61.2549	46.10798	0.40565	0.17237	0.25495	CDKL1	chr14	-	50796310	50883179	2982
ENSG0000(	2330.921	896.9174	1.3768	2.31E-27	2.67E-26	NIN	chr14	-	51186481	51297839	10293
ENSG0000(	866.3413	1832.038	-1.0768	3.24E-07	1.21E-06	PYGL	chr14	-	51324609	51411454	3048
ENSG0000(	24.49132	69.27245	-1.48	8.39E-05	0.000241	TRIM9	chr14	-	51441980	51562779	5284
ENSG0000(	862.6668	1087.313	-0.33226	0.098816	0.15987	PSMC6	chr14	+	53173890	53195305	2939
ENSG0000(	530.8234	431.0256	0.29881	0.027503	0.052581	GNPNAT1	chr14	-	53241912	53258386	3860
ENSG0000(	421.0894	224.4861	0.9077	2.94E-10	1.41E-09	DDHD1	chr14	-	53510686	53620000	5603
ENSG0000(	367.3057	358.5933	0.035168	0.82022	0.8736	CDKN3	chr14	+	54863567	54886936	1070
ENSG0000(	769.2322	495.7739	0.63305	1.59E-07	6.11E-07	CNIH	chr14	-	54893654	54908149	1417
ENSG0000(	111.0014	113.1458	-0.02648	0.89882	0.92983	CGRRF1	chr14	+	54976530	55005567	2309
ENSG0000(	795.4258	741.3454	0.10174	0.64745	0.73363	ATP6V1D	chr14	-	67761088	67826982	1845
ENSG0000(	3.733653	0	3.3902	0.023861	0.046265	C14orf105	chr14	-	57936019	57960585	3082
ENSG0000(	13.56786	5.889205	1.1713	0.12285	0.19261	PLEK2	chr14	-	67853700	67878917	1549
ENSG0000(	103.542	46.10301	1.1672	2.63E-05	8.05E-05	PIGH	chr14	-	68048672	68067004	1420
ENSG0000(	1014.571	1333.158	-0.39258	0.020458	0.040265	PSMA3	chr14	+	58711549	58738730	1279
ENSG0000(	262.5734	343.1433	-0.38518	0.019058	0.037793	VTI1B	chr14	-	68113792	68141548	5351
ENSG0000(	102.1041	174.7354	-0.77105	0.000524	0.001357	TIMM9	chr14	-	58875212	58894332	1336
ENSG0000(	174.083	443.4452	-1.3439	1.75E-12	9.78E-12	GSTZ1	chr14	+	77787227	77797940	5356
ENSG0000(	458.5061	341.2592	0.42619	0.001136	0.002796	KIAA0586	chr14	+	58894103	59015216	5339
ENSG0000(	652.1984	599.4832	0.12046	0.51276	0.61586	TMED8	chr14	-	77801364	77843452	7784
ENSG0000(	43.65371	10.46493	2.0091	0.000782	0.001971	SAMD15	chr14	+	77843032	77857840	2564
ENSG0000(	1531.637	1691.402	-0.14267	0.14345	0.21839	AHSA1	chr14	+	77924213	77935817	1402
ENSG0000(	605.0791	401.2732	0.59303	1.60E-06	5.61E-06	DAAM1	chr14	+	59655364	59838123	5806
ENSG0000(	1.608228	29.63481	-3.9094	6.50E-06	2.14E-05	ISM2	chr14	-	77940740	77965210	3042
ENSG0000(	1536.854	1224.639	0.32701	0.0063	0.013761	SPTLC2	chr14	-	77972340	78083116	8170
ENSG0000(	585.3669	80.74175	2.847	3.36E-67	1.15E-65	RIN3	chr14	+	92980118	93155339	4079
ENSG0000(	515.7623	969.1063	-0.90996	6.36E-12	3.41E-11	LGMN	chr14	-	93170152	93215047	2115
ENSG0000(	150.0711	179.9368	-0.26062	0.14203	0.21654	ALKBH1	chr14	-	78138747	78174363	2594
ENSG0000(	606.2929	761.565	-0.32805	0.016486	0.033114	SNW1	chr14	-	78183942	78227550	2163
ENSG0000(	1.597063	191.381	-6.6338	1.73E-26	1.92E-25	CHGA	chr14	+	93389425	93401638	2063
ENSG0000(	773.7234	3341.082	-2.108	6.56E-76	2.60E-74	ITPK1	chr14	-	93403259	93582665	6066
ENSG0000(	543.5535	458.3733	0.24488	0.088778	0.14609	DHRS7	chr14	-	60610838	60636574	2322
ENSG0000(	710.9912	652.0724	0.12403	0.43149	0.537	PPM1A	chr14	+	60712470	60765805	8184
ENSG0000(	1363.202	822.8347	0.72763	1.17E-12	6.62E-12	SIX4	chr14	-	61176246	61191066	6285
ENSG0000(	372.086	137.4588	1.4308	1.48E-15	9.99E-15	GALNT16	chr14	+	69725994	69821183	5548
ENSG0000(	0	2.855208	-2.7373	0.10153	0.16346	ASB2	chr14	-	94400499	94443137	2842
ENSG0000(	266.2711	153.0392	0.79634	4.24E-06	1.42E-05	CEP128	chr14	-	80943330	81425861	4662
ENSG0000(	1002.555	1589.172	-0.6634	6.61E-07	2.40E-06	ERH	chr14	-	69846848	69865344	1116
ENSG0000(	2530.838	1797.476	0.49246	0.012534	0.02582	HIF1A	chr14	+	62162231	62214976	3922
ENSG0000(	1055.12	105.168	3.307	1.92E-35	2.95E-34	KIAA0247	chr14	+	70078313	70181859	5388
ENSG0000(	2438.574	3070.086	-0.33097	0.12566	0.19624	SRSF5	chr14	+	70193617	70238722	3044
ENSG0000(	0.923144	4.395268	-1.9068	0.10774	0.17199	SLC10A1	chr14	-	70242134	70264006	2049

ENSG0000(	2961.817	2789.676	0.086388	0.55419	0.65351	EIF5	chr14	+	1.04E+08	1.04E+08	5945
ENSG0000(	0.342542	4.47053	-2.9387	0.034804	0.06482	SLC8A3	chr14	-	70510934	70655787	5268
ENSG0000(	1534.803	1201.037	0.3536	0.000525	0.001359	DICER1	chr14	-	95552565	95624347	10331
ENSG0000(	789.4714	940.7363	-0.25287	0.022341	0.043624	ZFYVE21	chr14	+	1.04E+08	1.04E+08	4453
ENSG0000(	1529.463	2712.344	-0.82534	1.32E-10	6.45E-10	MTHFD1	chr14	+	64854749	64926725	3448
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	TCL1A	chr14	-	96176304	96180533	1395
ENSG0000(	723.1162	755.0513	-0.06187	0.57551	0.6723	ZC3H14	chr14	+	89029253	89079853	4194
ENSG0000(	964.6322	1790.171	-0.88937	2.22E-06	7.66E-06	TELO2	chr16	+	1543345	1560458	3314
ENSG0000(	2102.649	910.4451	1.2062	5.60E-23	5.41E-22	PCNX	chr14	+	71374122	71582099	12919
ENSG0000(	1.431782	0.357707	1.3137	0.43706	NA	BDKRB1	chr14	+	96722161	96735304	1687
ENSG0000(	284.2661	396.0245	-0.47677	0.009524	0.020091	GSKIP	chr14	+	96829814	96853625	3834
ENSG0000(	328.633	809.7471	-1.2981	3.68E-18	2.84E-17	VRK1	chr14	+	97263641	97398059	1745
ENSG0000(	2064.115	1540.492	0.42175	0.006337	0.013832	PSMC1	chr14	+	90722839	90738968	2246
ENSG0000(	9.078141	69.74106	-2.8773	2.45E-09	1.09E-08	PAPLN	chr14	+	73704205	73741348	5912
ENSG0000(	19.11015	36.85769	-0.9344	0.019229	0.0381	RPS6KA5	chr14	-	91336799	91526980	4202
ENSG0000(	1219.311	1738.355	-0.51084	0.000185	0.000511	SMEK1	chr14	-	91923955	91976898	4108
ENSG0000(	78.47589	155.6081	-0.98064	0.000517	0.001341	C14orf93	chr14	-	23456110	23479375	2361
ENSG0000(	2638.894	2464.957	0.098399	0.43512	0.54063	PSMB5	chr14	-	23485752	23504439	1294
ENSG0000(	2491.905	3069.763	-0.30087	0.001396	0.003386	YY1	chr14	+	1.01E+08	1.01E+08	6697
ENSG0000(	4268.895	5286.259	-0.30822	0.000688	0.001747	ACIN1	chr14	-	23527773	23564823	4935
ENSG0000(	567.575	1708.449	-1.5881	1.35E-30	1.75E-29	CCNB1IP1	chr14	-	20779527	20801471	1631
ENSG0000(	1022.507	326.0582	1.6413	7.70E-10	3.59E-09	TRIP11	chr14	-	92432335	92507240	9996
ENSG0000(	3511.726	6162.882	-0.80996	3.20E-08	1.30E-07	APEX1	chr14	+	20923350	20925927	1803
ENSG0000(	657.6198	1058.381	-0.68436	0.000192	0.000528	PABPN1	chr14	+	23790498	23795394	2768
ENSG0000(	1937.902	1154.996	0.74193	0.006472	0.014101	EFS	chr14	-	23825611	23834961	3118
ENSG0000(	936.9944	635.5298	0.55926	0.005378	0.011905	ARHGAP5	chr14	+	32545320	32628934	9604
ENSG0000(	496.2615	543.051	-0.12853	0.30958	0.41141	CINP	chr14	-	1.03E+08	1.03E+08	2346
ENSG0000(	25.07273	475.739	-4.1964	1.51E-27	1.76E-26	DHRS2	chr14	+	24099324	24114848	5318
ENSG0000(	1145.564	837.1289	0.45235	0.00019	0.000523	SRP54	chr14	+	35451163	35498773	2327
ENSG0000(	1.524285	2.589748	-0.62606	0.61925	0.71034	CPNE6	chr14	+	24540046	24547309	4540
ENSG0000(	2230.508	2151.359	0.051848	0.5823	0.6785	CHD8	chr14	-	21853353	21924285	8229
ENSG0000(	309.9151	990.1203	-1.6703	2.40E-19	1.95E-18	PCK2	chr14	+	24563262	24579807	2505
ENSG0000(	0.870904	0.700845	0.24359	0.88646	NA	KIAA0391	chr14	+	35591052	35743271	2615
ENSG0000(	734.4007	1042.819	-0.50569	5.57E-05	0.000164	DCAF11	chr14	+	24583404	24594451	4299
ENSG0000(	29.78438	25.82867	0.19555	0.61082	0.70324	PSMA6	chr14	+	35747839	35786699	4730
ENSG0000(	293.789	339.0376	-0.20583	0.1368	0.21005	NFKBIA	chr14	-	35870717	35873955	1558
ENSG0000(	217.2645	367.1237	-0.75618	3.10E-06	1.05E-05	EMC9	chr14	-	24608174	24610797	953
ENSG0000(	851.8224	744.1277	0.1948	0.06591	0.11317	PSME2	chr14	-	24612574	24616779	2754
ENSG0000(	165.4063	130.4818	0.34074	0.072074	0.12217	BRMS1L	chr14	+	36295524	36401531	2657
ENSG0000(	77.31713	384.4844	-2.3131	2.33E-37	3.81E-36	REC8	chr14	+	24641062	24649463	2717
ENSG0000(	86.38085	42.66444	1.0065	0.000525	0.001359	TM9SF1	chr14	-	24658349	24682679	2740
ENSG0000(	5733.432	983.0381	2.5413	1.79E-100	1.02E-98	SEC23A	chr14	-	39501123	39578850	4215
ENSG0000(	744.6915	1067.846	-0.51842	6.36E-05	0.000186	GMPR2	chr14	+	24701628	24708448	2160
ENSG0000(	1954.956	3553.047	-0.86037	5.41E-10	2.55E-09	PNN	chr14	+	39644387	39652422	3576
ENSG0000(	509.6448	298.5795	0.77011	1.80E-09	8.11E-09	RABGGTA	chr14	-	24734744	24740945	2265
ENSG0000(	1914.923	498.8963	1.9274	2.01E-11	1.04E-10	NFATC4	chr14	+	24834879	24848810	5700
ENSG0000(	958.7633	2128.807	-1.1491	2.89E-17	2.14E-16	PLTP	chr20	-	44527399	44540794	2255
ENSG0000(	821.0693	989.1624	-0.26792	0.12542	0.19591	PCIF1	chr20	+	44563267	44576662	2747
ENSG0000(	811.7424	670.6364	0.27559	0.025108	0.048433	GSS	chr20	-	33516236	33543620	1919
ENSG0000(	67.13696	209.4261	-1.634	3.45E-11	1.77E-10	MMP9	chr20	+	44637547	44645200	2336
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	VSX1	chr20	-	25051521	25062996	2157
ENSG0000(	2582.367	1668.125	0.62992	2.09E-08	8.64E-08	TRPC4AP	chr20	-	33590207	33680674	3226
ENSG0000(	4191.648	1693.224	1.3063	2.34E-24	2.38E-23	PYGB	chr20	+	25228705	25278650	4134
ENSG0000(	937.4432	1760.152	-0.90838	1.51E-14	9.61E-14	ABHD12	chr20	-	25275379	25371619	2117
ENSG0000(	328.5642	287.3281	0.1914	0.32616	0.42908	PROCR	chr20	+	33759876	33765165	1348
ENSG0000(	633.9572	1901.771	-1.5832	9.80E-35	1.48E-33	GINS1	chr20	+	25388363	25433264	3249
ENSG0000(	859.1888	1461.42	-0.76668	6.42E-11	3.23E-10	NINL	chr20	-	25433341	25566153	4969
ENSG0000(	96.23706	186.1986	-0.94948	0.000211	0.000577	CD40	chr20	+	44746911	44758502	1733
ENSG0000(	527.3533	757.6853	-0.52237	2.11E-05	6.50E-05	UQCC	chr20	-	33890369	33999944	3638
ENSG0000(	1008.231	2279.256	-1.1752	5.62E-26	6.12E-25	ZMYND8	chr20	-	45837859	45985567	5362
ENSG0000(	6.234137	9.6703	-0.60458	0.45586	0.5611	SGK2	chr20	+	42187608	42216877	2395
ENSG0000(	431.1749	396.9458	0.12033	0.37071	0.4752	IFT52	chr20	+	42219571	42275936	1757
ENSG0000(	2170.721	5552.412	-1.3524	5.86E-19	4.68E-18	MYBL2	chr20	+	42295754	42345136	2639
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	R3HDML	chr20	+	42965626	42979875	1377
ENSG0000(	0	3.636147	-3.0614	0.062014	0.10732	HNF4A	chr20	+	42984340	43060030	3340

ENSG0000(	688.3635	507.057	0.44012	0.000335	0.00089	NDRG3	chr20	-	35280169	35374481	2978
ENSG0000(	3.953782	4.054546	-0.02654	0.9818	0.98993	SLA2	chr20	-	35240721	35274619	2757
ENSG0000(	64.21634	110.0821	-0.77159	0.023903	0.046326	C20orf24	chr20	+	35234137	35240960	1170
ENSG0000(	117.3348	57.54903	1.0182	0.00207	0.004887	NFATC2	chr20	-	50003494	50179168	7525
ENSG0000(	304.3862	1040.248	-1.7635	2.21E-12	1.22E-11	RIMS4	chr20	-	43380449	43438979	5203
ENSG0000(	415.1704	460.5411	-0.15001	0.26286	0.36104	PABPC1L	chr20	+	43538703	43587676	2223
ENSG0000(	775.6773	833.1251	-0.1039	0.35439	0.45858	STK4	chr20	+	43595115	43708600	6342
ENSG0000(	116.3938	2755.718	-4.5532	1.88E-101	1.10E-99	SALL4	chr20	-	50400581	50419059	3497
ENSG0000(	2267.4	3012.83	-0.40926	0.006048	0.013257	ADNP	chr20	-	49505453	49547958	6234
ENSG0000(	318.2005	545.2281	-0.77752	2.79E-09	1.24E-08	PFDN4	chr20	+	52824386	52844591	1462
ENSG0000(	97.83331	182.0381	-0.89343	0.000256	0.000692	DOK5	chr20	+	53092136	53267710	1963
ENSG0000(	413.1868	727.3196	-0.81327	2.38E-08	9.79E-08	CSTF1	chr20	+	54967427	54979518	2383
ENSG0000(	416.0717	1902.986	-2.1862	9.90E-29	1.20E-27	BMP7	chr20	-	55743804	55841685	4013
ENSG0000(	509.9302	563.4153	-0.14288	0.4943	0.59813	RAE1	chr20	+	55926066	55954267	3251
ENSG0000(	1613.111	1214.792	0.40852	0.0087	0.018503	TPD52L2	chr20	+	62496643	62522898	2362
ENSG0000(	1898.015	1345.198	0.49614	0.000191	0.000524	DNAJC5	chr20	+	62526518	62567384	5287
ENSG0000(	1417.008	916.1073	0.62867	0.00011	0.000311	NELFCD	chr20	+	57556263	57570188	3581
ENSG0000(	1050.468	376.5934	1.4759	2.49E-24	2.54E-23	CTSZ	chr20	-	57570240	57582302	1495
ENSG0000(	2083.003	2597.779	-0.31824	0.001177	0.002888	PRPF6	chr20	+	62612488	62664453	3044
ENSG0000(	18.61349	2.635871	2.6866	0.000273	0.000735	TUBB1	chr20	+	57594309	57601709	3496
ENSG0000(	679.8186	456.8118	0.5738	2.04E-06	7.09E-06	SLMO2	chr20	-	57608200	57617964	2626
ENSG0000(	0.685084	181.9627	-7.5607	9.81E-20	8.17E-19	HRH3	chr20	-	60790026	60795323	2659
ENSG0000(	557.7949	446.7133	0.3214	0.031351	0.05895	GTPBP5	chr20	+	60758085	60778624	2929
ENSG0000(	4390.623	4682.21	-0.09253	0.32323	0.42615	PSMA7	chr20	-	60711791	60718496	1023
ENSG0000(	125.8699	328.6904	-1.3851	3.40E-12	1.86E-11	SLCO4A1	chr20	+	61273797	61317137	3092
ENSG0000(	1742.818	14.61589	6.8427	9.75E-168	1.37E-165	NTSR1	chr20	+	61340189	61394123	4132
ENSG0000(	686.2787	677.1883	0.019305	0.91317	0.94066	MRGBP	chr20	+	61427805	61431945	1636
ENSG0000(	373.781	617.0369	-0.72072	0.00121	0.002963	TCFL5	chr20	-	61472467	61493115	2456
ENSG0000(	2090.765	3252.124	-0.6341	0.01128	0.02344	DIDO1	chr20	-	61509090	61569304	8544
ENSG0000(	777.5734	1370.639	-0.81748	8.90E-16	6.09E-15	GID8	chr20	+	61569471	61576996	1566
ENSG0000(	5.7255	387.3641	-5.9692	1.72E-56	4.62E-55	SLC17A9	chr20	+	61584052	61599949	3992
ENSG0000(	0	2.292733	-2.7	0.088315	0.14543	BIRC7	chr20	+	61867235	61871859	1368
ENSG0000(	1.306762	145.4037	-6.5073	2.56E-21	2.29E-20	NKAIN4	chr20	-	61872136	61904046	1430
ENSG0000(	4905.609	2417.13	1.0199	5.37E-21	4.74E-20	ARFGAP1	chr20	+	61904137	61921142	3467
ENSG0000(	0	3.899191	-3.4919	0.017349	0.034702	AVP	chr20	-	3063202	3065370	619
ENSG0000(	0.580602	17.97691	-4.251	0.000133	0.000373	COL20A1	chr20	+	61924538	61966203	8097
ENSG0000(	0	90.31504	-7.9447	1.91E-12	1.06E-11	CHRNA4	chr20	-	61975420	62009753	5201
ENSG0000(	35.04231	1148.425	-5.0057	3.33E-85	1.53E-83	EEF1A2	chr20	-	62119366	62130505	1843
ENSG0000(	15.69671	19.44413	-0.31123	0.52027	0.62295	PTK6	chr20	-	62159778	62168723	2495
ENSG0000(	703.5998	805.6046	-0.19358	0.11605	0.18355	GMEB2	chr20	-	62218955	62258394	4559
ENSG0000(	759.8969	1628.03	-1.0979	2.09E-20	1.80E-19	C20orf27	chr20	-	3734155	3749034	1886
ENSG0000(	8.246521	10.59531	-0.36071	0.5912	0.68612	SPEF1	chr20	-	3758151	3762095	1925
ENSG0000(	1717.473	633.8824	1.4368	2.82E-38	4.74E-37	CDC25B	chr20	+	3767578	3786762	3594
ENSG0000(	80.87352	12.82165	2.6238	4.24E-13	2.47E-12	ISM1	chr20	+	13202418	13281298	2592
ENSG0000(	609.2305	209.6054	1.5346	3.16E-13	1.85E-12	RNF24	chr20	-	3912068	3996229	3341
ENSG0000(	747.1064	299.2324	1.3159	3.44E-11	1.76E-10	ARFRP1	chr20	-	62329996	62339355	2965
ENSG0000(	191.403	197.493	-0.04708	0.80325	0.86086	NDUFAF5	chr20	+	13765596	13799067	2409
ENSG0000(	798.8669	199.3114	1.9979	7.34E-32	1.01E-30	TRIB3	chr20	+	361261	378203	2499
ENSG0000(	31.50565	330.6416	-3.3693	8.39E-34	1.23E-32	RASSF2	chr20	-	4760669	4804291	5427
ENSG0000(	2253.534	3373.585	-0.58168	4.08E-09	1.78E-08	CSNK2A1	chr20	-	459116	524482	4416
ENSG0000(	0	326.3717	-9.7073	2.16E-19	1.76E-18	SLC52A3	chr20	-	740724	749131	3060
ENSG0000(	1.939605	3.085825	-0.57129	0.6158	0.70735	RPS10L	chr20	-	820090	820620	531
ENSG0000(	0	2.725702	-2.8801	0.068833	0.11738	ANGPT4	chr20	-	853296	896977	1922
ENSG0000(	0	60.43484	-7.4732	1.34E-11	7.05E-11	RSPO4	chr20	-	939095	982907	2707
ENSG0000(	815.9079	1349.045	-0.72575	2.67E-10	1.29E-09	CDS2	chr20	+	5107432	5178533	9298
ENSG0000(	7.334542	14.44429	-0.941	0.17167	0.25419	PROKR2	chr20	-	5282317	5297378	1771
ENSG0000(	2463.233	1147.006	1.1015	1.41E-15	9.57E-15	HM13	chr20	+	30102231	30157370	1992
ENSG0000(	406.3378	76.5109	2.3871	2.40E-14	1.51E-13	SNPH	chr20	+	1246960	1289972	5533
ENSG0000(	21.41365	1.309443	3.7708	6.97E-06	2.28E-05	MYLK2	chr20	+	30407111	30422492	2956
ENSG0000(	3.910914	0.343138	2.809	0.042402	0.077131	SIRPB1	chr20	-	1544167	1600707	3241
ENSG0000(	1227.679	1227.079	0.000857	0.99341	0.99653	SEC23B	chr20	+	18488137	18542059	3411
ENSG0000(	238.4652	667.3674	-1.4776	9.92E-10	4.57E-09	FERMT1	chr20	-	6055492	6104191	5151
ENSG0000(	0.36308	72.86576	-6.8556	4.17E-11	2.13E-10	XKR7	chr20	+	30555805	30586256	2910
ENSG0000(	0	2.711133	-2.9254	0.060083	0.10456	PDYN	chr20	-	1959403	1974732	2555
ENSG0000(	0.290301	146.9376	-7.7703	3.92E-14	2.42E-13	CCM2L	chr20	+	30598245	30619984	2596

ENSG0000(	101.0928	140.1008	-0.46484	0.063933	0.11026	PLCB4	chr20	+	9049410	9461889	5833
ENSG0000(	1275.905	122.6637	3.35	4.35E-24	4.38E-23	MYL9	chr20	+	35169887	35178228	1199
ENSG0000(	8.019626	26.26728	-1.6495	0.015496	0.031291	HCK	chr20	+	30639991	30689659	2217
ENSG0000(	2037.827	1357.77	0.58529	6.66E-06	2.18E-05	TM9SF4	chr20	+	30697309	30755061	4032
ENSG0000(	5.208303	14.28403	-1.3918	0.040717	0.074512	TLDC2	chr20	+	35504524	35522638	2083
ENSG0000(	571.3187	586.2441	-0.03632	0.83134	0.88112	CRNKL1	chr20	-	20015012	20036690	4406
ENSG0000(	1514.262	754.1729	1.0051	4.85E-15	3.18E-14	POFUT1	chr20	+	30795683	30826470	5235
ENSG0000(	265.2566	874.4715	-1.7193	2.08E-31	2.81E-30	SAMHD1	chr20	-	35518632	35580246	4784
ENSG0000(	0.290301	11.31718	-4.3271	0.000341	0.000906	PAK7	chr20	-	9518036	9819689	4780
ENSG0000(	1581.612	753.8248	1.0683	9.31E-16	6.37E-15	KIF3B	chr20	+	30865467	30922814	6103
ENSG0000(	26.57827	42.82309	-0.6852	0.068636	0.11713	MROH8	chr20	-	35729629	35807991	3425
ENSG0000(	1683.391	4086.09	-1.2736	8.20E-08	3.22E-07	NOP56	chr20	+	2632791	2639039	2400
ENSG0000(	602.4209	663.5227	-0.13865	0.23378	0.32746	MANBAL	chr20	+	35918041	35945663	1915
ENSG0000(	905.5283	1453.215	-0.68121	1.67E-10	8.13E-10	IDH3B	chr20	-	2639041	2644865	1620
ENSG0000(	2708.937	2916.747	-0.10632	0.40239	0.50719	MAPRE1	chr20	+	31407699	31438211	2623
ENSG0000(	587.9369	872.3295	-0.56815	2.42E-07	9.13E-07	JAG1	chr20	-	10618332	10654694	5987
ENSG0000(	351.7063	557.8124	-0.66467	3.48E-06	1.17E-05	CDK5RAP1	chr20	-	31946645	31989367	2650
ENSG0000(	197.6819	183.9042	0.10501	0.67928	0.75991	SNTA1	chr20	-	31995761	32031698	2342
ENSG0000(	0	3.974453	-3.4536	0.02133	0.041825	OXT	chr20	+	3052266	3053163	513
ENSG0000(	533.4092	970.3917	-0.86156	1.32E-11	6.93E-11	TTI1	chr20	-	36611409	36661870	3958
ENSG0000(	1044.046	1556.457	-0.57508	0.000179	0.000494	E2F1	chr20	-	32263489	32274210	2503
ENSG0000(	476.3154	566.579	-0.24898	0.21304	0.30365	RPRD1B	chr20	+	36661948	36720768	3874
ENSG0000(	25.25953	34.99074	-0.46342	0.26785	0.3666	PXMP4	chr20	-	32294512	32308125	1732
ENSG0000(	1354.543	1414.183	-0.06206	0.55597	0.65501	CHMP4B	chr20	+	32399110	32442172	1646
ENSG0000(	0.290301	0	0.4146	0.81455	NA	BPI	chr20	+	36888551	36965907	2857
ENSG0000(	0.685084	0	0.85004	0.63064	NA	CST9L	chr20	-	23545369	23549386	959
ENSG0000(	0	4.112823	-3.5428	0.015768	0.031795	SLC32A1	chr20	+	37353105	37358015	2574
ENSG0000(	2785.671	353.5946	2.9735	4.68E-139	4.50E-137	CST3	chr20	-	23608534	23619110	2095
ENSG0000(	3.444166	11.02587	-1.5924	0.073788	0.12473	ASIP	chr20	+	32782375	32857150	610
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	CST4	chr20	-	23666277	23669677	751
ENSG0000(	200.8682	281.8462	-0.48722	0.015759	0.031783	ACTR5	chr20	+	37377085	37400834	2236
ENSG0000(	0	545.0863	-10.391	2.71E-22	2.53E-21	WFDC2	chr20	+	44098346	44110172	818
ENSG0000(	1858.268	6001.353	-1.6898	2.05E-62	6.34E-61	AHCY	chr20	-	32868074	32899608	2366
ENSG0000(	1.722083	528.8098	-8.0403	2.52E-38	4.25E-37	PPP1R16B	chr20	+	37434348	37551667	6251
ENSG0000(	664.5945	1445.667	-1.1195	1.88E-17	1.41E-16	FAM83D	chr20	+	37554955	37581703	2429
ENSG0000(	0	8.185227	-4.5383	0.000843	0.002118	EPPIN	chr20	-	44165625	44176391	4017
ENSG0000(	281.1471	481.6076	-0.77439	8.90E-07	3.19E-06	DHX35	chr20	+	37590942	37668366	3325
ENSG0000(	564.1068	693.5553	-0.29751	0.028417	0.054103	DNTTIP1	chr20	+	44420576	44440066	1290
ENSG0000(	286.6308	57.93264	2.2899	1.12E-22	1.07E-21	MAP1LC3A	chr20	+	33134658	33148149	1574
ENSG0000(	302.9721	151.9491	0.99329	2.79E-07	1.05E-06	SYNDIG1	chr20	+	24449835	24647252	2522
ENSG0000(	442.1656	481.5737	-0.121	0.39123	0.49571	PIGU	chr20	-	33148346	33264910	1632
ENSG0000(	2.085163	51.95764	-4.5092	8.10E-11	4.03E-10	TNNC2	chr20	-	44451853	44462384	780
ENSG0000(	213.8901	387.5543	-0.85494	1.91E-07	7.28E-07	ACOT8	chr20	-	44470360	44486045	3059
ENSG0000(	1608.338	1469.249	0.13038	0.23401	0.3277	APMAP	chr20	-	24943561	24973615	2430
ENSG0000(	4.345959	55.97567	-3.5459	2.92E-11	1.51E-10	CELF4	chr18	-	34823010	35146000	4052
ENSG0000(	1707.056	2089.678	-0.29061	0.21286	0.30344	ZNF516	chr18	-	74069644	74207146	8619
ENSG0000(	37.71069	6.721972	2.4314	2.07E-05	6.39E-05	CDH20	chr18	+	59000815	59223006	3882
ENSG0000(	818.5437	1576.896	-0.94441	7.10E-16	4.89E-15	ADNP2	chr18	+	77866915	77905406	5393
ENSG0000(	85.53211	62.95336	0.44123	0.071714	0.1216	RBFA	chr18	+	77794358	77806397	1587
ENSG0000(	1780.658	1580.806	0.17158	0.23293	0.32651	USP14	chr18	+	158383	214622	4914
ENSG0000(	1534.761	1424.788	0.1071	0.30663	0.40816	VAPA	chr18	+	9913999	9960018	6815
ENSG0000(	209.7401	167.3839	0.32617	0.051486	0.091262	METTL4	chr18	-	2537524	2571508	5190
ENSG0000(	1473.431	284.2	2.3711	2.74E-79	1.14E-77	LPIN2	chr18	-	2916992	3013313	6229
ENSG0000(	1294.45	758.7546	0.77004	2.85E-06	9.74E-06	SMCHD1	chr18	+	2655737	2805015	8821
ENSG0000(	26.91902	22.54136	0.24352	0.63659	0.72482	MYOM1	chr18	-	3066805	3220106	5847
ENSG0000(	3408.471	1107.459	1.621	1.47E-59	4.25E-58	MYL12A	chr18	+	3247479	3256234	1229
ENSG0000(	88.31271	131.3654	-0.56857	0.005738	0.012625	CEP76	chr18	-	12661832	12702776	3309
ENSG0000(	2.572449	79.4129	-4.7893	4.15E-17	3.05E-16	ST8SIA5	chr18	-	44259081	44339220	2716
ENSG0000(	795.6172	604.6052	0.39598	0.000352	0.000932	CEP192	chr18	+	12991361	13125051	8635
ENSG0000(	800.7838	1377.038	-0.78009	1.89E-09	8.53E-09	RNMT	chr18	+	13726659	13764557	6250
ENSG0000(	807.1532	1263.549	-0.64374	0.003632	0.008266	SMAD7	chr18	-	46446223	46477081	3087
ENSG0000(	1266.362	139.1982	3.1586	3.95E-21	3.51E-20	LIPG	chr18	+	47087069	47119276	4161
ENSG0000(	231.0957	3009.634	-3.6931	2.43E-106	1.54E-104	LAMA1	chr18	-	6941743	7117813	10374
ENSG0000(	61.60168	515.5201	-3.0609	8.83E-57	2.39E-55	RNF125	chr18	+	29598335	29653176	6020
ENSG0000(	711.6832	756.522	-0.08679	0.72857	0.79935	ANKRD12	chr18	+	9136226	9285206	10459

ENSG0000(	0.290301	11.3827	-4.3262	0.000365	0.000964	NOL4	chr18	-	31431064	31804916	3957
ENSG0000(	321.7415	617.7798	-0.94097	7.57E-12	4.04E-11	POLI	chr18	+	51795774	51847636	6131
ENSG0000(	2559.041	1589.522	0.68552	3.72E-05	0.000112	MIB1	chr18	+	19284918	19450918	9576
ENSG0000(	489.9181	463.1874	0.080659	0.76251	0.82769	RBBP8	chr18	+	20378224	20606451	3293
ENSG0000(	503.9311	338.8902	0.57163	0.000179	0.000494	RIOK3	chr18	+	21032787	21066567	4038
ENSG0000(	392.1692	543.1645	-0.46758	0.018642	0.037058	CSTF2	chrX	+	1E+08	1E+08	2305
ENSG0000(	0	1.340997	-1.8899	0.26871	NA	H2BFM	chrX	+	1.03E+08	1.03E+08	2162
ENSG0000(	16726.1	250.3328	6.0516	0	0	MXRA5	chrX	-	3226606	3264682	9793
ENSG0000(	6.22395	7.708551	-0.27653	0.76888	0.83309	VSIG1	chrX	+	1.07E+08	1.07E+08	3236
ENSG0000(	720.9691	755.4307	-0.06676	0.58219	0.67843	PSMD10	chrX	-	1.07E+08	1.07E+08	1546
ENSG0000(	121.2131	32.96495	1.8745	6.60E-10	3.09E-09	ATG4A	chrX	+	1.07E+08	1.07E+08	2501
ENSG0000(	212.6481	21.46891	3.2592	2.52E-14	1.58E-13	STS	chrX	+	7137497	7272851	6521
ENSG0000(	798.6687	1208.065	-0.59627	1.42E-08	5.97E-08	TBL1X	chrX	+	9431335	9687780	5866
ENSG0000(	9.212533	231.4769	-4.6111	1.82E-44	3.58E-43	GPR143	chrX	-	9693386	9754337	1762
ENSG0000(	2636.588	4232.333	-0.682	7.47E-10	3.48E-09	PGRMC1	chrX	+	1.18E+08	1.18E+08	1911
ENSG0000(	439.8525	758.4428	-0.78279	0.000106	0.000302	POLA1	chrX	+	24712036	25015103	5486
ENSG0000(	1356.771	1056.553	0.36017	0.000453	0.001184	MID1	chrX	-	10413350	10851773	6463
ENSG0000(	314.8239	381.2781	-0.27626	0.060179	0.1047	NKAP	chrX	-	1.19E+08	1.19E+08	2345
ENSG0000(	0	4.317591	-3.6334	0.012226	0.025232	RHOXF1	chrX	-	1.19E+08	1.19E+08	769
ENSG0000(	86.39446	158.2743	-0.86704	0.000341	0.000905	NXT2	chrX	+	1.09E+08	1.09E+08	2692
ENSG0000(	1.161205	0.343138	0.97766	0.58067	NA	GUCY2F	chrX	-	1.09E+08	1.09E+08	3714
ENSG0000(	15.1452	11.0687	0.44853	0.41173	0.51656	RP3-324O1	chr20	+	30135307	30135852	546
ENSG0000(	427.0619	543.3779	-0.34791	0.009509	0.020061	ALG13	chrX	+	1.11E+08	1.11E+08	4071
ENSG0000(	409.8811	643.2386	-0.64952	3.04E-07	1.14E-06	PRPS2	chrX	+	12809474	12842341	2511
ENSG0000(	1.774324	1.606458	0.08589	0.95205	0.97008	TLR8	chrX	+	12924739	12941288	4216
ENSG0000(	174.9582	177.853	-0.02181	0.91306	0.94058	MOSPD1	chrX	-	1.34E+08	1.34E+08	2364
ENSG0000(	378.9826	593.8231	-0.64763	8.44E-07	3.03E-06	AMMECR1	chrX	-	1.09E+08	1.1E+08	5504
ENSG0000(	31.9706	270.7236	-3.0624	5.52E-42	1.02E-40	CHRDL1	chrX	-	1.1E+08	1.1E+08	3935
ENSG0000(	1570.833	465.0716	1.7543	1.38E-60	4.05E-59	WDR13	chrX	+	48448430	48463581	2612
ENSG0000(	229.4443	305.1354	-0.41148	0.013291	0.027243	SUV39H1	chrX	+	48553945	48567403	2871
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	PAGE4	chrX	+	49593863	49598576	1494
ENSG0000(	2338.988	110.0358	4.3979	7.87E-177	1.31E-174	SRPX	chrX	-	38008589	38080696	1874
ENSG0000(	1.794048	2.443257	-0.31811	0.82664	0.87791	GLRA2	chrX	+	14547420	14749934	3216
ENSG0000(	1246.596	693.3146	0.84512	2.96E-14	1.85E-13	XIAP	chrX	+	1.23E+08	1.23E+08	8591
ENSG0000(	1116.495	1481.823	-0.40623	0.085504	0.14146	STAG2	chrX	+	1.23E+08	1.24E+08	6045
ENSG0000(	924.4277	930.4376	-0.00865	0.95144	0.96962	ATP11C	chrX	-	1.39E+08	1.39E+08	6924
ENSG0000(	13.27936	7.03114	0.89644	0.17657	0.26008	MCF2	chrX	-	1.39E+08	1.39E+08	3945
ENSG0000(	518.9142	324.2154	0.67804	2.48E-05	7.59E-05	ABCD1	chrX	+	1.53E+08	1.53E+08	3664
ENSG0000(	269.9527	254.349	0.08589	0.56536	0.66326	CCDC22	chrX	+	49091927	49106987	2319
ENSG0000(	0.685084	40.90345	-5.3675	8.48E-08	3.33E-07	CACNA1F	chrX	-	49061523	49089833	6070
ENSG0000(	13.73315	41.99274	-1.5735	0.000481	0.001251	SYP	chrX	-	49044269	49056718	2486
ENSG0000(	1154.884	53.77035	4.4169	3.63E-133	3.37E-131	PLP2	chrX	+	49028273	49031588	1079
ENSG0000(	0.342542	0	0.4146	0.81455	NA	BMX	chrX	+	15482369	15574652	2598
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	LUZP4	chrX	+	1.15E+08	1.15E+08	1701
ENSG0000(	5139.399	1733.147	1.5652	4.92E-21	4.35E-20	PLS3	chrX	+	1.15E+08	1.15E+08	3327
ENSG0000(	269.5537	297.6505	-0.14398	0.33493	0.43849	NAA10	chrX	-	1.53E+08	1.53E+08	1772
ENSG0000(	4.460627	212.0673	-5.4587	8.23E-22	7.52E-21	RENBP	chrX	-	1.53E+08	1.53E+08	1388
ENSG0000(	910.1095	46.27797	4.2726	3.61E-64	1.15E-62	ELF4	chrX	-	1.29E+08	1.29E+08	4165
ENSG0000(	2354.48	928.3385	1.3418	8.17E-28	9.60E-27	SMARCA1	chrX	-	1.29E+08	1.29E+08	4099
ENSG0000(	3.257533	55.46744	-3.9778	4.04E-13	2.36E-12	MTMR8	chrX	-	63444187	63615333	2639
ENSG0000(	4.42811	4.36613	0.03311	0.97522	0.98624	ASB9	chrX	-	15253410	15288589	1947
ENSG0000(	4.762093	42.96871	-3.1174	6.70E-08	2.65E-07	ZC3H12B	chrX	+	64708615	64727767	7256
ENSG0000(	1789.93	2274.051	-0.34515	0.000392	0.001033	RBBP7	chrX	-	16857406	16888537	4031
ENSG0000(	245.5505	124.4259	0.97425	8.82E-07	3.16E-06	KCND1	chrX	-	48818639	48827976	4437
ENSG0000(	0.72616	0.715414	0.009201	0.99586	NA	UBE2NL	chrX	+	1.43E+08	1.43E+08	1183
ENSG0000(	200.5449	175.2776	0.19602	0.39148	0.49596	SLC25A14	chrX	+	1.29E+08	1.3E+08	1621
ENSG0000(	552.3444	601.4378	-0.12387	0.33278	0.43609	FMR1	chrX	+	1.47E+08	1.47E+08	4333
ENSG0000(	153.7656	3682.126	-4.5668	4.88E-121	3.86E-119	PIM2	chrX	-	48770459	48776301	2075
ENSG0000(	162.2337	221.5761	-0.44918	0.011597	0.024035	SCML2	chrX	-	18257434	18372847	4200
ENSG0000(	843.4449	334.0496	1.3306	2.18E-08	9.01E-08	SLC35A2	chrX	-	48760459	48769235	2619
ENSG0000(	585.4946	813.9592	-0.47426	3.22E-05	9.72E-05	PQBP1	chrX	+	48755195	48760420	1428
ENSG0000(	3.434793	1.684135	0.89575	0.44637	0.55183	RS1	chrX	-	18658030	18690229	2810
ENSG0000(	96.94441	157.2049	-0.68958	0.05005	0.089039	PCSK1N	chrX	-	48689504	48694035	1050
ENSG0000(	919.6491	1039.623	-0.17578	0.11396	0.18062	EMD	chrX	+	1.54E+08	1.54E+08	1379
ENSG0000(	212.6506	355.0639	-0.7396	0.000648	0.001653	TAZ	chrX	+	1.54E+08	1.54E+08	2286

ENSG0000(	1.08924	0.357707	0.88709	0.61692	NA	RAB40AL	chrX	+	1.02E+08	1.02E+08	1029
ENSG0000(	4234.009	11155.43	-1.3932	2.49E-12	1.37E-11	PGK1	chrX	+	77320685	77384793	4887
ENSG0000(	0	2.353426	-2.7264	0.084821	0.14042	GATA1	chrX	+	48644962	48652718	1497
ENSG0000(	1658.087	738.092	1.1662	2.52E-15	1.69E-14	MAGT1	chrX	-	77081861	77151090	4047
ENSG0000(	1896.718	2566.924	-0.43555	0.000146	0.000407	SMS	chrX	+	21958691	22025798	1837
ENSG0000(	38.27589	3.991438	3.1836	3.61E-08	1.46E-07	PHEX	chrX	+	22050559	22269427	6172
ENSG0000(	830.3121	785.8514	0.078933	0.58482	0.68066	UBL4A	chrX	-	1.54E+08	1.54E+08	2382
ENSG0000(	1731.128	299.5554	2.5296	2.36E-109	1.56E-107	CD99L2	chrX	-	1.5E+08	1.5E+08	4935
ENSG0000(	590.2658	209.7225	1.487	5.20E-08	2.08E-07	EEA1	chr12	-	93164413	93323107	9875
ENSG0000(	0	387.9781	-9.9077	8.28E-20	6.92E-19	GPR50	chrX	+	1.5E+08	1.5E+08	1951
ENSG0000(	404.5385	178.5208	1.1742	2.60E-11	1.34E-10	RP2	chrX	+	46696375	46741793	3803
ENSG0000(	139.7478	469.5114	-1.7447	3.21E-21	2.86E-20	PHF16	chrX	+	46771711	46920641	4931
ENSG0000(	2885.998	2811.544	0.037713	0.76159	0.82702	CDK16	chrX	+	47077259	47089396	3158
ENSG0000(	2937.753	2177.776	0.43141	0.000202	0.000553	USP11	chrX	+	47092089	47107727	3515
ENSG0000(	355.5019	645.9192	-0.85905	6.00E-09	2.59E-08	PCYT1B	chrX	-	24576204	24690794	5307
ENSG0000(	0.685084	0.700845	-0.01556	0.9928	NA	BRS3	chrX	+	1.36E+08	1.36E+08	2833
ENSG0000(	1138.379	1370.049	-0.26652	0.044849	0.080877	HTATSF1	chrX	+	1.36E+08	1.36E+08	3019
ENSG0000(	7123.49	323.5275	4.4571	3.82E-303	1.76E-300	TIMP1	chrX	+	47441712	47446188	1415
ENSG0000(	257.2496	273.803	-0.08832	0.7571	0.8234	KLHL4	chrX	+	86772752	86925050	5818
ENSG0000(	13.96346	94.17428	-2.7347	6.13E-15	4.01E-14	GABRE	chrX	-	1.51E+08	1.51E+08	6176
ENSG0000(	38.54133	379.6482	-3.2826	4.66E-30	5.95E-29	PCDH11X	chrX	+	91034260	91878229	9176
ENSG0000(	2237.565	1390.637	0.68469	3.44E-06	1.16E-05	FGD1	chrX	-	54471887	54522599	4275
ENSG0000(	378.6191	529.5427	-0.48187	0.001585	0.003809	PIN4	chrX	+	71401203	71522776	1780
ENSG0000(	149.8057	217.1346	-0.53159	0.020009	0.039492	PORCN	chrX	+	48367350	48379202	2112
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	ITIH6	chrX	-	54775332	54824673	4968
ENSG0000(	7440.908	2410.847	1.6249	1.27E-59	3.67E-58	MAGED2	chrX	+	54834032	54842445	2189
ENSG0000(	2776.234	1686.013	0.71704	0.00085	0.002134	RBM3	chrX	+	48432837	48437454	2162
ENSG0000(	2.044087	178.0579	-6.2888	1.35E-25	1.44E-24	KLF8	chrX	+	56258854	56314322	8964
ENSG0000(	3397.565	1.669566	10.681	2.15E-77	8.74E-76	SRPX2	chrX	+	99899215	99926296	2138
ENSG0000(	1027.696	3.443532	8.1387	1.36E-73	5.21E-72	SYTL4	chrX	-	99929488	99987110	4847
ENSG0000(	0.290301	61.48118	-6.6539	1.64E-10	7.97E-10	ZDHHC15	chrX	-	74588262	74743337	6012
ENSG0000(	359.6417	180.8246	0.99264	3.29E-10	1.57E-09	CENPI	chrX	+	1E+08	1E+08	3262
ENSG0000(	375.1523	10.07655	5.1551	2.53E-55	6.57E-54	DRP2	chrX	+	1E+08	1.01E+08	7277
ENSG0000(	6.047504	1.713273	1.6876	0.098124	0.15885	TAF7L	chrX	-	1.01E+08	1.01E+08	2341
ENSG0000(	395.4654	499.1868	-0.3328	0.24547	0.34129	PBDC1	chrX	+	75392771	75398039	1201
ENSG0000(	310.3267	356.2833	-0.19762	0.28543	0.38685	GLA	chrX	-	1.01E+08	1.01E+08	1318
ENSG0000(	1250.355	327.6154	1.9301	1.58E-66	5.39E-65	ARMCX3	chrX	+	1.01E+08	1.01E+08	3730
ENSG0000(	665.5666	677.7762	-0.02612	0.82465	0.87634	BEX4	chrX	+	1.02E+08	1.02E+08	1328
ENSG0000(	2.427705	7.321706	-1.4957	0.12997	0.20174	KIAA0226L	chr13	-	46916139	47012325	3975
ENSG0000(	338.5822	8.075122	5.362	4.24E-57	1.15E-55	NALCN	chr13	-	1.02E+08	1.02E+08	6816
ENSG0000(	810.3895	7.449539	6.7357	1.91E-91	9.73E-90	FGF14	chr13	-	1.02E+08	1.03E+08	3902
ENSG0000(	10.12533	0	4.938	9.55E-05	0.000273	HTR2A	chr13	-	47407513	47471169	3564
ENSG0000(	599.8821	239.1157	1.3259	3.43E-22	3.18E-21	NDFIP2	chr13	+	80055287	80130210	4625
ENSG0000(	6.089393	1.727843	1.6385	0.13683	0.21008	TNFSF13B	chr13	+	1.09E+08	1.09E+08	2582
ENSG0000(	1638.196	460.4921	1.8291	5.25E-35	7.97E-34	FNDC3A	chr13	+	49550048	49783915	6286
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	MLNR	chr13	+	49794474	49796513	1390
ENSG0000(	71.50687	38.45683	0.88774	0.00319	0.007326	CDADC1	chr13	+	49822047	49867618	3383
ENSG0000(	135.5803	99.03186	0.44969	0.077728	0.13027	CAB39L	chr13	-	49882786	50018262	3676
ENSG0000(	172.8751	52.03901	1.7081	0.000155	0.000432	KLF5	chr13	+	73629114	73651676	3562
ENSG0000(	1401.996	2795.733	-0.99502	1.36E-21	1.24E-20	STK24	chr13	-	99102455	99230194	4345
ENSG0000(	12.75776	84.56737	-2.6634	2.31E-08	9.52E-08	ACP5	chr19	-	11685475	11689823	1699
ENSG0000(	1347.556	394.0087	1.7714	8.55E-30	1.08E-28	DNAJC3	chr13	+	96329393	96447243	5591
ENSG0000(	781.7497	225.1934	1.7939	3.90E-42	7.26E-41	UGGT2	chr13	-	96453834	96705736	4832
ENSG0000(	1116.733	1015.827	0.1371	0.24306	0.33844	ARHGEF7	chr13	+	1.12E+08	1.12E+08	5525
ENSG0000(	23.54682	4.120944	2.4017	0.000204	0.000558	FGF9	chr13	+	22245522	22278637	4220
ENSG0000(	3.963155	1.416259	1.3337	0.25785	0.35551	SGCG	chr13	+	23755091	23899304	1624
ENSG0000(	2326.748	819.6567	1.5039	1.43E-41	2.61E-40	PARP4	chr13	-	24995064	25086948	5474
ENSG0000(	987.2167	795.4681	0.31173	0.021954	0.04294	SUPT20H	chr13	-	37583449	37633850	3811
ENSG0000(	256.7838	370.3385	-0.52623	0.001542	0.003716	MRPS31	chr13	-	41303432	41345309	1293
ENSG0000(	287.6754	377.2732	-0.39319	0.023819	0.046195	SLC25A15	chr13	+	41363548	41384247	1586
ENSG0000(	1307.142	1250.406	0.063849	0.51614	0.61898	KPNA3	chr13	-	50273447	50367057	4470
ENSG0000(	915.4435	1111.507	-0.27995	0.008872	0.018843	FLT1	chr13	-	28874489	29069265	7084
ENSG0000(	192.1261	2.399549	6.2073	4.27E-29	5.26E-28	RGCC	chr13	+	42031695	42045018	960
ENSG0000(	394.7951	476.3991	-0.27192	0.072449	0.12273	VWA8	chr13	-	42140973	42535256	7147
ENSG0000(	267.6971	108.1551	1.2973	6.36E-06	2.09E-05	DGKH	chr13	+	42614176	42830714	4422

ENSG0000(	841.63	146.0729	2.5197	6.25E-48	1.35E-46	KATNAL1	chr13	-	30776767	30881621	7551
ENSG0000(	478.8273	364.1395	0.39367	0.1588	0.23819	INTS6	chr13	-	51928213	52028400	3767
ENSG0000(	76.39073	109.5074	-0.51471	0.084935	0.1406	DHRS12	chr13	-	52342129	52378293	1970
ENSG0000(	0.580602	16.02	-4.1814	4.57E-05	0.000136	MEDAG	chr13	+	31480328	31499709	2374
ENSG0000(	3044.252	1486.343	1.0331	1.23E-15	8.35E-15	TSC22D1	chr13	-	45007655	45151283	4820
ENSG0000(	206.6485	91.38956	1.1695	1.71E-07	6.56E-07	CLN5	chr13	+	77564795	77576652	4064
ENSG0000(	0	3.526915	-3.3414	0.025042	0.048329	MSLN	chr16	+	810762	818865	2418
ENSG0000(	2243.127	2485.111	-0.1476	0.15155	0.22906	MGRN1	chr16	+	4666494	4740975	6425
ENSG0000(	722.5789	487.1938	0.56731	6.79E-05	0.000197	ZNF629	chr16	-	30789778	30798523	6079
ENSG0000(	335.34	7.039261	5.4785	8.75E-54	2.20E-52	TRADD	chr16	-	67188083	67194201	1877
ENSG0000(	18.07992	1.248751	3.548	4.90E-05	0.000145	HSF4	chr16	+	67197288	67203848	2604
ENSG0000(	284.3657	111.9674	1.3444	6.61E-15	4.32E-14	CORO1A	chr16	+	30194148	30200397	2891
ENSG0000(	959.6882	859.5764	0.15965	0.19982	0.28841	MAPK3	chr16	-	30125426	30134827	2567
ENSG0000(	25.12677	16.93776	0.55079	0.23861	0.33327	GDPD3	chr16	-	30116131	30125177	1397
ENSG0000(	47.56723	217.4463	-2.1832	4.55E-17	3.34E-16	ELMO3	chr16	+	67233014	67237932	2531
ENSG0000(	734.6262	703.911	0.061854	0.60434	0.69763	PHKB	chr16	+	47495034	47735434	5603
ENSG0000(	208.0926	219.6887	-0.07783	0.65531	0.74017	LYRM1	chr16	+	20911190	20936328	1695
ENSG0000(	389.1545	458.8175	-0.23782	0.068138	0.1164	NUTF2	chr16	+	67880635	67906470	2321
ENSG0000(	1456.879	2343.716	-0.68519	1.02E-10	5.05E-10	NUP93	chr16	+	56764017	56880792	2875
ENSG0000(	377.5233	440.7936	-0.22433	0.11377	0.18035	CENPT	chr16	-	67862060	67881714	2957
ENSG0000(	20.73631	4.931021	1.9933	0.003338	0.007641	TSNAXIP1	chr16	+	67840668	67866051	2517
ENSG0000(	1325.1	533.6751	1.3077	9.20E-12	4.89E-11	NFAT5	chr16	+	69598997	69738569	14219
ENSG0000(	1319.549	686.1031	0.94206	1.14E-11	6.03E-11	LONP2	chr16	+	48278207	48397033	8199
ENSG0000(	830.7305	929.9745	-0.16289	0.18307	0.26809	N4BP1	chr16	-	48572637	48654059	7106
ENSG0000(	57.38588	184.6964	-1.6784	6.88E-13	3.95E-12	CBLN1	chr16	-	49311828	49315742	2435
ENSG0000(	372.1718	98.26226	1.9104	7.38E-21	6.46E-20	ARL2BP	chr16	+	57279010	57287516	2099
ENSG0000(	9.66893	41.80415	-2.0854	8.01E-06	2.60E-05	PLLP	chr16	-	57290004	57318599	1517
ENSG0000(	415.1774	1257.521	-1.595	8.09E-29	9.83E-28	ZNF423	chr16	-	49521435	49891830	7660
ENSG0000(	0.342542	2.010288	-1.8748	0.22334	0.31569	CCL22	chr16	+	57392684	57400102	2929
ENSG0000(	185.6942	352.0473	-0.92023	7.99E-09	3.42E-08	DHODH	chr16	+	72042487	72058954	2209
ENSG0000(	0.342542	6.131232	-3.4312	0.008764	0.018623	CCL17	chr16	+	57438679	57449974	615
ENSG0000(	1153.774	1897.035	-0.7159	1.60E-06	5.62E-06	CTCF	chr16	+	67596310	67673086	3939
ENSG0000(	393.4859	617.3765	-0.64863	6.88E-05	0.0002	ACD	chr16	-	67691415	67694713	2526
ENSG0000(	1120.952	1039.524	0.10921	0.49159	0.59556	POLR2C	chr16	+	57496299	57505922	2057
ENSG0000(	16.78774	162.6634	-3.2639	1.99E-23	1.96E-22	PARD6A	chr16	+	67694849	67696681	1281
ENSG0000(	173.2357	219.6386	-0.34119	0.076087	0.12797	ZNF821	chr16	-	71893583	71929239	1954
ENSG0000(	175.5659	3830.647	-4.4331	1.71E-103	1.03E-101	MMP15	chr16	+	58059470	58080805	4250
ENSG0000(	1446.929	1224.367	0.24077	0.088653	0.1459	USB1	chr16	+	58033450	58055522	3888
ENSG0000(	1755.651	1226.557	0.51626	0.004884	0.010894	CYB5B	chr16	+	69458428	69500169	4358
ENSG0000(	37.99659	180.4197	-2.2229	1.69E-09	7.63E-09	CCDC113	chr16	+	58265061	58317740	5272
ENSG0000(	588.1867	1044.736	-0.82779	1.49E-09	6.79E-09	NME3	chr16	-	1820287	1821731	1069
ENSG0000(	637.6056	568.0199	0.16631	0.31124	0.41323	NDRG4	chr16	+	58496750	58547532	5116
ENSG0000(	991.5385	1186.301	-0.2579	0.12388	0.19393	PSMD7	chr16	+	74330673	74340186	1670
ENSG0000(	141.5275	450.9109	-1.6659	2.72E-13	1.60E-12	SETD6	chr16	+	58549383	58554431	2769
ENSG0000(	676.2154	550.3021	0.29634	0.15993	0.2396	SLC38A7	chr16	-	58699013	58719008	4549
ENSG0000(	1136.924	1325.189	-0.22043	0.093825	0.15312	VAC14	chr16	-	70721342	70835064	3609
ENSG0000(	24.32783	1207.713	-5.5854	2.68E-66	9.08E-65	HAS3	chr16	+	69139467	69152622	4220
ENSG0000(	280.6279	251.6192	0.15807	0.33191	0.43512	TANGO6	chr16	+	68877507	69119083	4816
ENSG0000(	901.0071	1119.808	-0.31326	0.011037	0.022981	COG4	chr16	-	70514471	70557468	3488
ENSG0000(	28.43735	40.76017	-0.52044	0.19579	0.28378	SMPD3	chr16	-	68392231	68482591	5450
ENSG0000(	164.0558	167.4268	-0.03258	0.86417	0.90534	SLC7A6OS	chr16	-	68318406	68344849	4180
ENSG0000(	628.5874	226.8091	1.4646	8.51E-19	6.75E-18	SLC7A6	chr16	+	68298433	68335722	6308
ENSG0000(	327.3832	124.7212	1.3877	9.54E-17	6.87E-16	PLA2G15	chr16	+	68279207	68294961	3121
ENSG0000(	11.93054	1300.624	-6.739	5.43E-141	5.43E-139	ESRP2	chr16	-	68263014	68272005	3793
ENSG0000(	0	54.5214	-7.3394	3.23E-11	1.66E-10	FA2H	chr16	-	74746853	74808729	2424
ENSG0000(	575.5706	947.7375	-0.71909	1.20E-07	4.67E-07	WDR59	chr16	-	74907468	75034071	3695
ENSG0000(	1014.957	794.1858	0.35338	0.001293	0.003152	MON1B	chr16	+	77224732	77236302	6091
ENSG0000(	249.1564	175.7342	0.50173	0.003155	0.00725	CMC2	chr16	-	81009698	81053875	2087
ENSG0000(	824.7108	1507.096	-0.86813	1.23E-08	5.16E-08	AXIN1	chr16	-	337440	402673	6340
ENSG0000(	471.066	511.9864	-0.11996	0.31133	0.4133	HCFC1R1	chr16	-	3072621	3074287	1365
ENSG0000(	1202.068	807.2123	0.57427	1.51E-06	5.31E-06	NPRL3	chr16	-	134273	188859	3008
ENSG0000(	174.615	227.6628	-0.38112	0.048623	0.086845	MLYCD	chr16	+	83932731	83949787	4489
ENSG0000(	730.5715	406.4988	0.8418	0.000137	0.000383	MPG	chr16	+	127006	135852	1205
ENSG0000(	8.622558	42.77691	-2.2566	4.42E-05	0.000131	NECAB2	chr16	+	84002237	84036381	2064
ENSG0000(	474.8039	810.1082	-0.77094	9.81E-07	3.51E-06	HSDL1	chr16	-	84155886	84178797	3519

ENSG0000(	871.0443	1308.589	-0.58612	4.68E-07	1.72E-06	TAF1C	chr16	-	84211458	84220669	4637
ENSG0000(	141.1293	171.0182	-0.27451	0.33058	0.43373	NAGPA	chr16	-	5074845	5084142	3286
ENSG0000(	42.56349	1.730259	4.4664	4.63E-10	2.19E-09	WFDC1	chr16	+	84328252	84363450	4177
ENSG0000(	0.653381	74.55473	-6.3169	7.06E-13	4.05E-12	SEC14L5	chr16	+	5008318	5069159	6459
ENSG0000(	4629.718	2122.16	1.1245	2.04E-31	2.76E-30	COTL1	chr16	-	84599200	84651683	5330
ENSG0000(	1748.608	2775.829	-0.66599	2.35E-12	1.30E-11	USP10	chr16	+	84733584	84813528	3070
ENSG0000(	13.85898	193.7389	-3.7678	4.68E-25	4.90E-24	CRISPLD2	chr16	+	84853590	84954374	4584
ENSG0000(	2802.179	1735.573	0.69053	2.51E-09	1.12E-08	TSC2	chr16	+	2097466	2138716	6156
ENSG0000(	246.1021	313.788	-0.34887	0.05065	0.089948	ZNF500	chr16	-	4798240	4817625	5880
ENSG0000(	0	1.40169	-1.7271	0.32809	NA	RP11-723C	chr7	-	1.4E+08	1.4E+08	472
ENSG0000(	4120.099	6252.071	-0.60109	2.47E-08	1.01E-07	NME4	chr16	+	446725	460367	1861
ENSG0000(	1520.341	2766.385	-0.86179	1.34E-07	5.18E-07	ABCC1	chr16	+	16043434	16236931	6594
ENSG0000(	124.4975	120.9514	0.043719	0.84107	0.88841	NOMO3	chr16	+	16326352	16388668	4353
ENSG0000(	623.5492	186.9651	1.7292	2.05E-14	1.30E-13	LMF1	chr16	-	903634	1031318	3358
ENSG0000(	20.61211	2.745103	2.7054	0.003935	0.008896	FOXF1	chr16	+	86544133	86548076	2568
ENSG0000(	308.3177	356.7859	-0.21097	0.18198	0.26679	NARFL	chr16	-	779753	791329	3212
ENSG0000(	284.1151	225.7634	0.32973	0.095493	0.15544	MTHFSD	chr16	-	86563782	86588841	3623
ENSG0000(	1129.64	1005.662	0.16761	0.19031	0.27701	CLCN7	chr16	-	1494935	1525581	4720
ENSG0000(	231.5948	338.2317	-0.54407	0.047805	0.085564	HAGHL	chr16	+	776936	785525	2199
ENSG0000(	445.1812	322.2137	0.46314	0.017703	0.035352	FAM173A	chr16	+	770581	772601	1686
ENSG0000(	5481.785	5943.218	-0.11621	0.54435	0.64477	SLC7A5	chr16	-	87863629	87903094	4537
ENSG0000(	760.0083	466.3313	0.69966	0.009936	0.0209	METRN	chr16	+	765115	769655	3325
ENSG0000(	617.0534	380.328	0.69691	6.58E-08	2.60E-07	FBXO31	chr16	-	87360593	87425748	5934
ENSG0000(	859.7439	595.3558	0.52746	0.005246	0.011641	STUB1	chr16	+	730224	732799	1853
ENSG0000(	30.67403	79.4219	-1.3625	0.000166	0.000461	RHBDL1	chr16	+	725666	728268	1566
ENSG0000(	147.1019	150.1313	-0.03081	0.89964	0.93053	NUBP1	chr16	+	10837643	10863208	1228
ENSG0000(	1519.661	2073.852	-0.44794	0.000472	0.001229	UBE2I	chr16	+	1355548	1377019	3253
ENSG0000(	2.520208	1.355566	0.79979	0.5158	0.61867	MEFV	chr16	-	3292028	3306627	3710
ENSG0000(	2.656392	163.5447	-5.8161	4.86E-28	5.75E-27	CRYM	chr16	-	21250195	21314404	1507
ENSG0000(	925.4058	661.3002	0.48341	0.001841	0.004379	EEF2K	chr16	+	22217603	22298554	5289
ENSG0000(	1847.372	2753.417	-0.57489	1.17E-05	3.72E-05	SOLH	chr16	+	577717	604636	4744
ENSG0000(	3576.299	1201.531	1.5722	5.21E-53	1.30E-51	PIEZO1	chr16	-	88781751	88851619	8072
ENSG0000(	3455.684	3925.976	-0.18419	0.067013	0.1148	GSPT1	chr16	-	11961985	12009939	7105
ENSG0000(	99.2523	141.7496	-0.51058	0.029771	0.056388	ZNF174	chr16	+	3451235	3459370	2260
ENSG0000(	155.6441	102.8387	0.59141	0.003714	0.00843	CLUAP1	chr16	+	3550924	3589048	5126
ENSG0000(	2487.695	2028.904	0.29383	0.043411	0.078736	UBFD1	chr16	+	23568392	23585710	5110
ENSG0000(	2.427705	0.700845	1.4626	0.29515	0.39718	PRSS33	chr16	-	2833954	2837949	1755
ENSG0000(	709.0443	1101.885	-0.63505	2.33E-08	9.58E-08	EARS2	chr16	-	23533335	23569052	3961
ENSG0000(	2233.585	2276.669	-0.02758	0.80041	0.85869	TCEB2	chr16	-	2821415	2827298	997
ENSG0000(	1127.853	1869.324	-0.72862	9.54E-12	5.07E-11	GGA2	chr16	-	23474863	23533316	5973
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	AQP8	chr16	+	25227052	25240261	1359
ENSG0000(	268.2198	130.4785	1.0376	9.98E-10	4.60E-09	CPPED1	chr16	-	12756919	12897874	3010
ENSG0000(	460.1651	424.3515	0.11569	0.46093	0.56622	USP31	chr16	-	23072727	23160591	10699
ENSG0000(	822.6458	651.8936	0.33585	0.009276	0.01961	HMOX2	chr16	+	4524691	4560348	2147
ENSG0000(	840.4247	1292.773	-0.62006	9.90E-08	3.87E-07	DNAJA3	chr16	+	4475806	4506776	3351
ENSG0000(	991.5974	1459.498	-0.55677	1.24E-05	3.92E-05	BFAR	chr16	+	14726672	14763093	3039
ENSG0000(	558.6461	2299.107	-2.0373	6.21E-55	1.60E-53	SALL1	chr16	-	51169886	51185278	5253
ENSG0000(	40.8705	366.2051	-3.1462	6.43E-42	1.19E-40	TOX3	chr16	-	52471917	52581714	3414
ENSG0000(	0.290301	3.495361	-2.632	0.070916	0.12051	RRN3P2	chr16	+	29086163	29128039	2132
ENSG0000(	920.1668	363.8186	1.3353	7.18E-14	4.37E-13	RBL2	chr16	+	53467889	53525561	4906
ENSG0000(	1047.102	2867.318	-1.4514	1.53E-31	2.08E-30	QPRT	chr16	+	29690329	29710020	2343
ENSG0000(	4710.585	639.411	2.8767	1.20E-99	6.73E-98	XYLT1	chr16	-	17195626	17564738	9891
ENSG0000(	49.30545	170.1867	-1.7797	3.64E-13	2.13E-12	PYCARD	chr16	-	31212806	31214771	1137
ENSG0000(	394.5589	141.7347	1.4747	1.20E-11	6.30E-11	RPGRIP1L	chr16	-	53631595	53737850	8195
ENSG0000(	871.4976	787.8619	0.14463	0.52088	0.6235	MAZ	chr16	+	29817427	29823649	2698
ENSG0000(	751.4125	454.8867	0.723	5.77E-09	2.49E-08	STX4	chr16	+	31044210	31054296	1588
ENSG0000(	1503.005	1811.993	-0.26955	0.031771	0.059711	CDIPT	chr16	-	29869678	29875057	2353
ENSG0000(	1147.591	1194.897	-0.05754	0.63402	0.72274	BCKDK	chr16	+	31117428	31124110	2558
ENSG0000(	446.9365	775.7462	-0.79526	5.52E-09	2.39E-08	KAT8	chr16	+	31127075	31142714	2500
ENSG0000(	1894.734	1580.444	0.26166	0.0099	0.020826	NOMO1	chr16	+	14927538	14990017	4355
ENSG0000(	42.83325	9.778659	2.0811	0.00034	0.000902	IL21R	chr16	+	27413483	27462115	3365
ENSG0000(	27.29327	65.54485	-1.254	0.000284	0.000764	SYT17	chr16	+	19179293	19279652	5092
ENSG0000(	3.444166	54.01546	-3.8975	6.19E-11	3.12E-10	TMC5	chr16	+	19421818	19510435	4917
ENSG0000(	448.246	219.4521	1.03	2.19E-09	9.81E-09	CCP110	chr16	+	19535133	19564730	5549
ENSG0000(	1199.388	1224.869	-0.0301	0.8251	0.87671	C16orf62	chr16	+	19566562	19718115	3855

ENSG0000(	0	1.029414	-1.1526	0.51496	NA	SLC6A2	chr16	+	55689516	55740104	3551
ENSG0000(	2284.788	1606.631	0.5071	0.00222	0.005212	RNF40	chr16	+	30773066	30787628	5634
ENSG0000(	279.2278	916.9149	-1.7127	4.03E-28	4.79E-27	KNOP1	chr16	-	19714902	19729557	4786
ENSG0000(	0.632843	0	0.81931	0.64303	NA	AQP9	chr15	+	58430368	58478110	3034
ENSG0000(	686.636	591.0937	0.2166	0.099173	0.16031	AAGAB	chr15	-	67493371	67547533	2841
ENSG0000(	25.20729	13.72243	0.85796	0.10388	0.16662	IQCH	chr15	+	67547138	67794598	4208
ENSG0000(	100.6388	147.2804	-0.54915	0.012339	0.025449	LACTB	chr15	+	63413999	63434260	2023
ENSG0000(	478.1369	164.7231	1.5341	3.71E-20	3.14E-19	CORO2B	chr15	+	68871308	69020145	3611
ENSG0000(	1476.734	1210.809	0.28569	0.034836	0.064869	CSK	chr15	+	75074398	75095539	2767
ENSG0000(	1603.366	757.8938	1.0797	3.54E-27	4.04E-26	HERC1	chr15	-	63900817	64126141	15137
ENSG0000(	421.993	194.3106	1.1166	1.92E-10	9.32E-10	TRIP4	chr15	+	64679947	64747502	2045
ENSG0000(	197.9533	226.7297	-0.19585	0.34117	0.44509	MTFMT	chr15	-	65294845	65321977	1739
ENSG0000(	97.09085	223.2532	-1.1987	6.78E-06	2.22E-05	RASL12	chr15	-	65345679	65369028	2636
ENSG0000(	2.967231	155.7303	-5.5767	7.52E-25	7.81E-24	AP3B2	chr15	-	83328033	83378666	3736
ENSG0000(	29.72953	42.31802	-0.50387	0.16071	0.24062	ACSBG1	chr15	-	78459810	78538030	6357
ENSG0000(	1616.952	517.4149	1.6397	4.11E-28	4.88E-27	IGDCC4	chr15	-	65673802	65715410	6508
ENSG0000(	1630.349	1839.084	-0.17396	0.062484	0.10808	RAB11A	chr15	+	66018392	66184329	4930
ENSG0000(	61.14691	219.9518	-1.8476	2.15E-15	1.44E-14	CTSH	chr15	-	79213400	79241916	2190
ENSG0000(	3.22583	8.553472	-1.3203	0.12666	0.19743	GOLGA8UP	chr15	+	31083776	31094062	1755
ENSG0000(	430.1073	284.6381	0.59318	0.007082	0.01532	TTC23	chr15	-	99676528	99791428	3849
ENSG0000(	6109.668	3490.288	0.80718	1.36E-16	9.73E-16	CD276	chr15	+	73976307	74006859	3469
ENSG0000(	254.4544	250.6587	0.019666	0.90136	0.93187	FAH	chr15	+	80444832	80479288	3427
ENSG0000(	98.16925	34.58685	1.4919	4.63E-05	0.000137	KIAA1199	chr15	+	81071684	81244117	7357
ENSG0000(	791.6557	1553.562	-0.97063	7.51E-11	3.75E-10	RPAP1	chr15	-	41809374	41836467	5897
ENSG0000(	58.65417	235.9943	-2.003	3.10E-24	3.15E-23	HOMER2	chr15	-	83509838	83654661	6201
ENSG0000(	3888.097	1195.903	1.6992	8.93E-66	2.98E-64	EHD4	chr15	-	42190950	42264776	3603
ENSG0000(	445.9231	373.2677	0.25698	0.24692	0.34289	TMEM87A	chr15	-	42502730	42565861	3109
ENSG0000(	2823.656	1766.482	0.67632	1.41E-12	7.93E-12	ZNF106	chr15	-	42705021	42783321	10460
ENSG0000(	247.2983	202.2406	0.2911	0.27692	0.37716	CEP152	chr15	-	49005125	49103343	5635
ENSG0000(	3.82697	2.543625	0.52248	0.62824	0.71802	ATP8B4	chr15	-	50150435	50475014	5783
ENSG0000(	187.3948	3.976869	5.4697	5.19E-34	7.66E-33	OCA2	chr15	-	28000021	28344504	3186
ENSG0000(	300.9537	236.9616	0.34243	0.034524	0.064351	DTWD1	chr15	+	49913177	49937333	2680
ENSG0000(	0.685084	0	0.85004	0.63064	NA	TGM5	chr15	-	43524793	43559055	2767
ENSG0000(	131.0937	370.975	-1.4964	7.19E-19	5.73E-18	FAM189A1	chr15	-	29412457	29862927	4705
ENSG0000(	538.3949	653.171	-0.2781	0.035862	0.066613	GABPB1	chr15	-	50569389	50647605	3016
ENSG0000(	3289.49	2559.573	0.36182	0.000576	0.001482	TJP1	chr15	-	29991571	30261068	7950
ENSG0000(	224.9856	938.3729	-2.0466	8.94E-13	5.10E-12	BMF	chr15	-	40380091	40401093	4687
ENSG0000(	364.528	181.4066	1.0027	0.00022	0.000599	DMXL2	chr15	-	51739908	51915030	10672
ENSG0000(	0.36308	617.6934	-9.7363	7.21E-25	7.50E-24	SCG3	chr15	+	51973550	52013223	3310
ENSG0000(	150.8341	172.2657	-0.19232	0.3018	0.40306	DNAJC17	chr15	-	41060067	41099675	1341
ENSG0000(	1294.508	1223.231	0.081598	0.64929	0.73524	EIF3J	chr15	+	44829255	44855227	2569
ENSG0000(	929.301	710.3591	0.38719	0.005473	0.012093	SPG11	chr15	-	44854894	44955876	7774
ENSG0000(	11.40039	95.16764	-3.0084	3.86E-09	1.69E-08	RHOV	chr15	-	41164412	41166487	1705
ENSG0000(	1218.528	1118.633	0.12339	0.45538	0.56072	VPS18	chr15	+	41186628	41196173	3895
ENSG0000(	96.89501	295.5873	-1.6047	5.81E-18	4.45E-17	OIP5	chr15	-	41601466	41624819	1236
ENSG0000(	150.8974	0.686276	7.2996	2.27E-18	1.77E-17	SLC30A4	chr15	-	45771809	45815005	7157
ENSG0000(	938.4052	404.3968	1.2119	4.65E-12	2.51E-11	BLOC1S6	chr15	+	45879321	45908197	4037
ENSG0000(	334.1517	924.5827	-1.4656	1.05E-24	1.08E-23	MYEF2	chr15	-	48431625	48470714	5563
ENSG0000(	37.9701	53.59552	-0.49931	0.10326	0.16583	SGK3	chr8	+	67624653	67774257	4135
ENSG0000(	211.3382	62.19666	1.7583	2.70E-12	1.49E-11	PDGFRL	chr8	+	17433942	17501580	1905
ENSG0000(	224.8339	223.3043	0.010473	0.96413	0.97904	CSPP1	chr8	+	67974661	68108498	4367
ENSG0000(	857.6276	416.1709	1.0409	2.22E-17	1.66E-16	ZDHHC2	chr8	+	17013538	17082308	6377
ENSG0000(	114.6717	111.5919	0.038866	0.89894	0.92993	BRF2	chr8	-	37700786	37707422	2603
ENSG0000(	358.4033	439.7372	-0.29408	0.073717	0.12464	TRIM35	chr8	-	27142404	27168836	4229
ENSG0000(	267.7288	316.4178	-0.23968	0.10357	0.16622	ZFAND1	chr8	-	82613569	82645138	2719
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP1	chr8	+	55528627	55543394	7100
ENSG0000(	76.8609	162.1831	-1.0688	0.000185	0.000511	CA2	chr8	+	86376081	86393722	1717
ENSG0000(	75.43409	1232.587	-4.0157	1.46E-111	9.85E-110	FZD3	chr8	+	28351729	28431775	13726
ENSG0000(	288.6982	287.499	0.006961	0.97434	0.98556	INTS9	chr8	-	28625178	28747759	2759
ENSG0000(	281.9416	217.0228	0.37764	0.012946	0.026594	RIPK2	chr8	+	90769975	90803291	2584
ENSG0000(	74.18999	29.73014	1.3069	0.001513	0.003652	EYA1	chr8	-	72109668	72274467	4326
ENSG0000(	976.27	407.444	1.2546	1.63E-06	5.71E-06	NBN	chr8	-	90945564	91015456	4907
ENSG0000(	103.9802	20.13765	2.3432	8.39E-12	4.47E-11	TRPA1	chr8	-	72932152	72987852	5223
ENSG0000(	236.1212	12.90262	4.1377	1.21E-39	2.11E-38	CPQ	chr8	+	97657455	98161882	1947
ENSG0000(	530.7296	318.4338	0.73658	2.46E-08	1.01E-07	DECR1	chr8	+	91013633	91064320	1766

ENSG0000(	2.157128	234.8414	-6.4872	7.93E-28	9.33E-27	CALB1	chr8	-	91070836	91107703	5392
ENSG0000(	2864.973	879.0371	1.703	7.05E-72	2.60E-70	IMPAD1	chr8	-	57870492	57906403	7199
ENSG0000(	766.0631	2311.082	-1.591	1.23E-41	2.26E-40	SFRP1	chr8	-	41119481	41167016	4488
ENSG0000(	3712.573	10398.37	-1.4849	2.42E-66	8.18E-65	LAPTM4B	chr8	+	98787285	98865241	3173
ENSG0000(	229.065	285.0923	-0.31415	0.087534	0.14434	UBE2W	chr8	-	74692332	74791145	8426
ENSG0000(	256.8092	249.1362	0.046103	0.80119	0.85926	POP1	chr8	+	99129525	99172062	4719
ENSG0000(	138.8923	22.8124	2.586	9.28E-19	7.34E-18	NIPAL2	chr8	-	99202061	99306621	4581
ENSG0000(	523.325	465.2671	0.16782	0.26929	0.36828	IKBKB	chr8	+	42128820	42189973	5002
ENSG0000(	5321.474	63.47837	6.2403	8.70E-31	1.15E-29	PLAT	chr8	-	42032236	42065242	3462
ENSG0000(	43.28028	343.4353	-2.9816	3.54E-49	7.90E-48	JPH1	chr8	-	75146935	75233563	4378
ENSG0000(	0.36308	1.744828	-1.5647	0.34379	0.44781	DKK4	chr8	-	42231586	42234750	894
ENSG0000(	400.1465	174.9226	1.191	5.80E-08	2.30E-07	STK3	chr8	-	99413631	99955055	5333
ENSG0000(	48.05867	263.0768	-2.4267	1.67E-13	9.96E-13	GDAP1	chr8	+	75233365	75401107	3666
ENSG0000(	2740.51	1141.621	1.2606	5.35E-19	4.29E-18	RAB2A	chr8	+	61429416	61536186	3848
ENSG0000(	3025.876	4889.768	-0.68977	0.001206	0.002954	EIF3E	chr8	-	1.09E+08	1.09E+08	1990
ENSG0000(	318.4722	303.6606	0.070329	0.71462	0.78853	EMC2	chr8	+	1.09E+08	1.09E+08	2734
ENSG0000(	0	2638.346	-12.446	5.11E-32	7.05E-31	ESRP1	chr8	+	95653302	95719694	3770
ENSG0000(	568.8861	0.343138	9.6627	3.44E-25	3.63E-24	WISP1	chr8	+	1.34E+08	1.34E+08	3844
ENSG0000(	1855.897	126.1302	3.8751	3.95E-151	4.53E-149	NDRG1	chr8	-	1.34E+08	1.34E+08	3983
ENSG0000(	122.3241	48.33593	1.3326	9.48E-08	3.71E-07	ZC2HC1A	chr8	+	79578282	79629935	1287
ENSG0000(	50.51971	29.76828	0.75557	0.020093	0.03963	IL7	chr8	-	79587978	79717758	2076
ENSG0000(	181.8087	133.5079	0.43907	0.070433	0.11979	STMN2	chr8	+	80523049	80578410	2223
ENSG0000(	615.1499	749.6714	-0.28532	0.015116	0.030607	ARMC1	chr8	-	66514694	66546442	3029
ENSG0000(	1680.544	192.1324	3.1154	2.86E-40	5.06E-39	TRPS1	chr8	-	1.16E+08	1.17E+08	9990
ENSG0000(	28.48797	19.26205	0.55218	0.20697	0.29669	SPAG1	chr8	+	1.01E+08	1.01E+08	3852
ENSG0000(	406.0593	521.0161	-0.35847	0.016859	0.033788	CHRAC1	chr8	+	1.42E+08	1.42E+08	2488
ENSG0000(	42.92576	16.43269	1.3771	0.000642	0.00164	NCALD	chr8	-	1.03E+08	1.03E+08	3808
ENSG0000(	139.9862	79.54061	0.81784	0.000589	0.001513	SNX16	chr8	-	82711816	82755101	3452
ENSG0000(	2409.109	3578.788	-0.57035	1.60E-07	6.14E-07	UBR5	chr8	-	1.03E+08	1.03E+08	10297
ENSG0000(	2.479132	164.2433	-5.813	6.89E-24	6.88E-23	GSDMD	chr8	+	1.45E+08	1.45E+08	3462
ENSG0000(	1406.364	1057.076	0.41185	0.005214	0.011579	TSTA3	chr8	-	1.45E+08	1.45E+08	2220
ENSG0000(	383.7197	324.197	0.24273	0.3668	0.47138	PYCRL	chr8	-	1.45E+08	1.45E+08	2678
ENSG0000(	2338.087	2889.475	-0.30497	0.031022	0.058399	EEF1D	chr8	-	1.45E+08	1.45E+08	3718
ENSG0000(	1.95077	0.297015	1.7404	0.28907	0.39061	ANXA13	chr8	-	1.25E+08	1.25E+08	1964
ENSG0000(	4022.055	2750.309	0.54625	0.016066	0.032344	SQLE	chr8	+	1.26E+08	1.26E+08	2961
ENSG0000(	277.5099	116.6686	1.247	4.04E-12	2.20E-11	SH2D4A	chr8	+	19171128	19253729	3352
ENSG0000(	792.0761	485.4124	0.70516	1.46E-09	6.65E-09	INTS10	chr8	+	19674651	19709594	2804
ENSG0000(	484.7687	308.7041	0.64914	0.003619	0.00824	ERI1	chr8	+	8859657	8974256	5033
ENSG0000(	1741.596	3293.679	-0.91737	1.22E-08	5.15E-08	SLC39A14	chr8	+	22224762	22291642	4641
ENSG0000(	538.5425	691.1707	-0.36103	0.007689	0.016499	MTMR9	chr8	+	11141925	11185646	7472
ENSG0000(	507.498	662.0037	-0.38256	0.003313	0.007587	LEPROTL1	chr8	+	29952914	30034724	3173
ENSG0000(	153.5138	119.8677	0.35865	0.0927	0.15163	DCTN6	chr8	+	30013813	30041156	1127
ENSG0000(	514.4021	310.6993	0.7261	2.08E-05	6.43E-05	R3HCC1	chr8	+	23127633	23153792	1773
ENSG0000(	997.799	1744.66	-0.80551	4.29E-12	2.33E-11	GSR	chr8	-	30535583	30585443	3114
ENSG0000(	359.4455	96.48823	1.8894	3.45E-19	2.78E-18	TNFRSF10A	chr8	-	23047965	23082639	2714
ENSG0000(	81.55779	81.45192	0.003566	0.99388	0.99669	UBXN8	chr8	+	30589764	30624522	1623
ENSG0000(	1192.579	1085.172	0.13617	0.17379	0.25668	PPP2CB	chr8	-	30631973	30671830	2006
ENSG0000(	340.7813	689.8636	-1.0173	3.98E-15	2.62E-14	ERICH1	chr8	-	564746	688106	3630
ENSG0000(	345.1655	1767.392	-2.3535	1.40E-67	4.81E-66	NEFM	chr8	+	24770525	24776607	4020
ENSG0000(	1956.597	823.0877	1.2487	4.21E-33	6.04E-32	TUSC3	chr8	+	15274724	15624158	3683
ENSG0000(	655.241	1669.764	-1.3466	1.03E-13	6.20E-13	NEFL	chr8	-	24808468	24814624	4083
ENSG0000(	1888.336	2874.934	-0.60521	0.000369	0.000974	ARHGEF10	chr8	+	1772142	1906807	5648
ENSG0000(	359.008	558.7073	-0.63576	0.000118	0.000335	KLHDC4	chr16	-	87730091	87799598	4572
ENSG0000(	2608.639	7153.638	-1.4509	1.66E-13	9.88E-13	MCM4	chr8	+	48872745	48890720	4183
ENSG0000(	527.3095	296.1881	0.83066	4.07E-08	1.64E-07	KCTD9	chr8	-	25285366	25315992	3398
ENSG0000(	596.6809	737.2093	-0.30464	0.024395	0.047181	ASAH1	chr8	-	17913934	17942494	2609
ENSG0000(	915.6496	811.2544	0.17465	0.41669	0.52181	BNIP3L	chr8	+	26240414	26363152	3610
ENSG0000(	954.9858	820.8063	0.21828	0.13774	0.21116	MAN2B1	chr19	-	12757325	12777556	3685
ENSG0000(	341.1413	12.22849	4.731	4.59E-40	8.09E-39	KCNN4	chr19	-	44270685	44285409	2240
ENSG0000(	0	28.15953	-6.2848	3.00E-07	1.12E-06	TULP2	chr19	-	49384222	49401990	1754
ENSG0000(	4057.085	2417.242	0.7467	7.83E-13	4.48E-12	NUCB1	chr19	+	49403307	49426629	2668
ENSG0000(	2.903826	23.72372	-2.8777	0.000122	0.000344	DHDH	chr19	+	49436939	49448226	1081
ENSG0000(	1350.285	1213.304	0.15426	0.14988	0.22692	GYS1	chr19	-	49471382	49496567	3574
ENSG0000(	1.597063	118.2251	-5.9419	1.84E-19	1.51E-18	MAP4K1	chr19	-	39078281	39109522	2700
ENSG0000(	0	1.416259	-1.7181	0.33141	NA	CGB2	chr19	+	49535169	49536495	775

ENSG0000(	759.1604	638.8647	0.2486	0.14452	0.21982	ECH1	chr19	-	39306062	39322645	1411
ENSG0000(	4044.326	6820.083	-0.75326	2.39E-18	1.85E-17	HNRNPL	chr19	-	39327028	39342987	3094
ENSG0000(	374.9268	474.7943	-0.33901	0.063445	0.10951	NFKBIB	chr19	+	39390340	39399533	2203
ENSG0000(	1.338465	3.619162	-1.281	0.25948	0.35738	LHB	chr19	-	49519237	49520338	514
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CGB	chr19	-	49526126	49527590	877
ENSG0000(	0.342542	380.3198	-9.0736	7.21E-21	6.32E-20	TUBB4A	chr19	-	6494330	6502859	2552
ENSG0000(	9.044646	24.96589	-1.4179	0.008949	0.018988	SARS2	chr19	-	39405906	39440495	2057
ENSG0000(	9.857355	4.819373	0.94009	0.31662	0.41928	KCNA7	chr19	-	49570675	49576198	4372
ENSG0000(	5638.923	8699.946	-0.62495	3.29E-07	1.23E-06	SNRNP70	chr19	+	49588676	49611862	3221
ENSG0000(	2221.904	1703.822	0.38275	0.007456	0.016047	CLPTM1	chr19	+	45457842	45496599	2732
ENSG0000(	310.9399	154.6936	1.0007	1.48E-06	5.19E-06	RELB	chr19	+	45504688	45541452	2294
ENSG0000(	720.485	1182.961	-0.71358	1.35E-07	5.22E-07	CLASRP	chr19	+	45542298	45574214	2769
ENSG0000(	107.5786	23.98918	2.1332	1.02E-09	4.71E-09	LIN7B	chr19	+	49617581	49621717	1057
ENSG0000(	1138.17	971.0275	0.22851	0.10194	0.164	PPP1R37	chr19	+	45594654	45651335	5943
ENSG0000(	1093.582	752.5688	0.53715	0.008886	0.018868	FCGRT	chr19	+	50010073	50029590	2681
ENSG0000(	753.3602	1789.542	-1.2459	1.81E-27	2.10E-26	PIH1D1	chr19	-	49949555	49956754	1192
ENSG0000(	4.430716	2.604317	0.67858	0.50652	0.61004	CKM	chr19	-	45809672	45826235	1657
ENSG0000(	501.1968	756.3404	-0.59396	4.41E-05	0.000131	ARHGEF18	chr19	+	7459999	7537363	5733
ENSG0000(	278.937	298.673	-0.09872	0.64867	0.73464	PPP1R13L	chr19	-	45882892	45909607	3118
ENSG0000(	13.0686	62.70106	-2.2056	7.44E-06	2.43E-05	PEX11G	chr19	-	7541761	7562335	1345
ENSG0000(	1066.201	1744.498	-0.70972	9.87E-10	4.55E-09	ERCC2	chr19	-	45853095	45874176	4153
ENSG0000(	1627.295	3035.038	-0.89786	4.58E-10	2.16E-09	DOT1L	chr19	+	2164148	2232577	7436
ENSG0000(	1298.702	2544.489	-0.96901	4.73E-18	3.64E-17	PLEKHJ1	chr19	-	2230093	2237703	2858
ENSG0000(	9.066976	47.55345	-2.3174	7.47E-05	0.000216	SLC17A7	chr19	-	49932658	49945617	2973
ENSG0000(	873.0466	1703.096	-0.96354	1.84E-18	1.43E-17	RNASEH2A	chr19	+	12917394	12924452	1487
ENSG0000(	0.580602	86.00959	-6.5141	1.82E-13	1.08E-12	KLC3	chr19	+	45836692	45854778	2006
ENSG0000(	291.4985	94.77998	1.6051	6.52E-09	2.81E-08	CD37	chr19	+	49838428	49846592	3172
ENSG0000(	1763.578	2687.902	-0.60704	4.15E-07	1.53E-06	SF3A2	chr19	+	2236520	2248713	1981
ENSG0000(	140.4556	144.2223	-0.03616	0.92102	0.94695	AMH	chr19	+	2248666	2252072	2465
ENSG0000(	31.09033	48.3368	-0.62855	0.097006	0.15744	DKKL1	chr19	+	49865040	49878373	1222
ENSG0000(	25.62424	21.48926	0.24102	0.64292	0.72995	LYL1	chr19	-	13209847	13213975	1547
ENSG0000(	3977.941	4140.707	-0.05777	0.51649	0.61921	OAZ1	chr19	+	2269519	2273487	2828
ENSG0000(	768.3863	1582.265	-1.04	2.89E-12	1.59E-11	TRMT1	chr19	-	13215716	13228381	2579
ENSG0000(	1077.315	551.4254	0.96355	4.54E-12	2.46E-11	STX10	chr19	-	13254872	13261197	1241
ENSG0000(	0.580602	0.715414	-0.13184	0.94086	NA	RETN	chr19	+	7733930	7735334	514
ENSG0000(	0.342542	0.594029	-0.38792	0.8278	NA	FCER2	chr19	-	7753644	7767032	1910
ENSG0000(	654.9207	260.0985	1.3273	6.56E-17	4.77E-16	DMPK	chr19	-	46272975	46285810	3357
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CLEC4M	chr19	+	7828035	7834491	2989
ENSG0000(	0.653381	2.711133	-1.6744	0.21561	0.30666	RSPH6A	chr19	-	46298968	46318577	2456
ENSG0000(	671.6362	737.2548	-0.13293	0.30165	0.40297	TBC1D17	chr19	+	50380682	50392005	2831
ENSG0000(	8.932419	8.355152	0.080431	0.91061	0.93869	IL4I1	chr19	-	50392911	50432796	2407
ENSG0000(	7.156468	33.25148	-2.1254	0.000141	0.000394	TLE6	chr19	+	2977444	2995177	2095
ENSG0000(	537.379	308.699	0.79834	1.68E-08	7.00E-08	CCDC130	chr19	+	13842574	13874110	1922
ENSG0000(	639.9579	655.1447	-0.03456	0.81458	0.8698	PTOV1	chr19	+	50353992	50364001	1880
ENSG0000(	3392.387	2700.598	0.32838	0.003014	0.006945	AES	chr19	-	3052908	3063105	3274
ENSG0000(	18.18521	300.4028	-4.0018	2.81E-25	2.97E-24	NOVA2	chr19	-	46436992	46476804	7803
ENSG0000(	2002.307	2989.533	-0.57704	3.29E-05	9.94E-05	SGTA	chr19	-	2754712	2783369	2330
ENSG0000(	3.910914	0	3.5199	0.015173	0.030711	LILRB1	chr19	+	55085346	55148979	2960
ENSG0000(	911.0051	1381.741	-0.59953	3.97E-05	0.000119	MED25	chr19	+	50321539	50342073	3339
ENSG0000(	2.49967	0	2.7866	0.07964	0.13296	LILRA1	chr19	+	55105047	55113555	2580
ENSG0000(	648.1454	636.08	0.027288	0.88814	0.92203	SNAPC2	chr19	+	7985201	7988135	1542
ENSG0000(	1425.113	1278.193	0.15732	0.19874	0.28713	C19orf53	chr19	+	13884982	13889276	873
ENSG0000(	813.9906	1629.442	-0.99938	2.31E-11	1.20E-10	TIMM44	chr19	-	7991603	8008805	2227
ENSG0000(	193.4277	394.1058	-1.0228	6.40E-07	2.33E-06	CCDC61	chr19	+	46498339	46524576	1825
ENSG0000(	540.5683	300.1079	0.845	1.65E-05	5.15E-05	IL27RA	chr19	+	14142560	14163743	2677
ENSG0000(	669.5957	792.7145	-0.24249	0.041607	0.075859	ASF1B	chr19	-	14230321	14247768	2059
ENSG0000(	12.26371	601.02	-5.5726	8.96E-64	2.85E-62	TNNT1	chr19	-	55644162	55660722	1163
ENSG0000(	324.6344	505.9608	-0.63861	8.02E-05	0.000231	VRK3	chr19	-	50479724	50529203	2197
ENSG0000(	1048.323	1130.471	-0.10789	0.60028	0.69432	FAM32A	chr19	+	16296191	16302857	1455
ENSG0000(	2913.082	2725.176	0.095951	0.43733	0.54288	PPP6R1	chr19	-	55741148	55770363	3961
ENSG0000(	89.57921	61.68279	0.53724	0.02468	0.047696	C19orf44	chr19	+	16607122	16632163	3427
ENSG0000(	112.5506	160.4797	-0.50617	0.081712	0.13605	MED26	chr19	-	16685718	16739873	3871
ENSG0000(	244.0409	2033.885	-3.0452	1.95E-36	3.10E-35	OLFM2	chr19	-	9964394	10047228	2019
ENSG0000(	0.72616	11.72671	-3.605	0.001469	0.003553	RASAL3	chr19	-	15562438	15575377	4270
ENSG0000(	645.8615	902.6041	-0.48099	0.011841	0.024495	AKAP8	chr19	-	15464196	15490612	3700

ENSG0000(	2.49967	427.5734	-7.1881	2.48E-45	4.97E-44	EPHX3	chr19	-	15337730	15344246	1822
ENSG0000(	1044.923	988.1832	0.081345	0.51544	0.61832	ILVBL	chr19	-	15225795	15236596	4248
ENSG0000(	70.10517	97.30381	-0.46736	0.05659	0.099164	ZNF419	chr19	+	57999079	58006048	5542
ENSG0000(	2009.607	192.5037	3.3776	4.79E-117	3.52E-115	SYDE1	chr19	+	15218214	15225799	3832
ENSG0000(	0	288.2983	-9.5467	8.13E-19	6.46E-18	SLC1A6	chr19	-	15060846	15133802	3264
ENSG0000(	8.641304	27.18752	-1.6194	0.005013	0.011164	AURKC	chr19	+	57742377	57746916	1610
ENSG0000(	431.1591	364.1871	0.24454	0.092914	0.15193	POP4	chr19	+	30094924	30108144	3385
ENSG0000(	159.7247	664.1643	-2.0453	6.37E-24	6.38E-23	CCNE1	chr19	+	30302805	30315215	2043
ENSG0000(	814.1585	1048.134	-0.36455	0.009041	0.019151	URI1	chr19	+	30414551	30506611	2540
ENSG0000(	714.3084	733.0657	-0.03675	0.78458	0.84578	PDCD5	chr19	+	33071974	33078358	3463
ENSG0000(	529.5966	740.2185	-0.48228	0.004985	0.011106	ANKRD27	chr19	-	33087913	33167028	4450
ENSG0000(	9042.558	15949.87	-0.81805	1.55E-16	1.11E-15	RPS16	chr19	-	39923847	39926588	2389
ENSG0000(	1568.841	2920.056	-0.89509	6.85E-16	4.72E-15	TIMM50	chr19	+	39971052	39984422	2576
ENSG0000(	2174.929	5172.816	-1.2485	5.93E-29	7.24E-28	FBL	chr19	-	40325098	40337054	1400
ENSG0000(	477.6965	220.366	1.1139	1.95E-13	1.16E-12	DYRK1B	chr19	-	40315990	40324841	2724
ENSG0000(	4.273994	2.307303	0.81343	0.4112	0.51604	CNTD2	chr19	-	40728115	40732597	1817
ENSG0000(	4096.89	6803.612	-0.73075	1.34E-08	5.61E-08	GPI	chr19	+	34850385	34893061	4000
ENSG0000(	3140.692	2651.663	0.24431	0.018965	0.037629	AKT2	chr19	-	40736224	40791443	5300
ENSG0000(	13754.04	4236.592	1.6975	1.53E-59	4.41E-58	PLD3	chr19	+	40854363	40886346	2180
ENSG0000(	186.4459	351.6006	-0.90715	0.008135	0.017365	PRX	chr19	-	40899675	40919273	5502
ENSG0000(	944.8561	1220.224	-0.36861	0.00294	0.006785	PIAS4	chr19	+	4007644	4039384	3159
ENSG0000(	1488.311	509.0421	1.5424	4.46E-15	2.93E-14	NUMBL	chr19	-	41172596	41196877	2775
ENSG0000(	0.290301	3.6483	-2.7354	0.050876	0.090323	EBI3	chr19	+	4229495	4237528	1186
ENSG0000(	325.7476	650.6608	-0.99489	1.04E-07	4.07E-07	CCDC94	chr19	+	4247076	4269087	1434
ENSG0000(	0.36308	42.96233	-6.1332	1.25E-08	5.25E-08	SHD	chr19	+	4278598	4290721	2577
ENSG0000(	1890.571	1410.595	0.4219	2.71E-05	8.25E-05	TBCB	chr19	+	36605191	36616849	1473
ENSG0000(	601.0758	843.8868	-0.48812	0.004112	0.009274	FSD1	chr19	+	4304597	4323840	1831
ENSG0000(	50.75777	85.78696	-0.7569	0.012069	0.024942	POLR2I	chr19	-	36604612	36606248	993
ENSG0000(	1.048164	5.903774	-2.1704	0.075299	0.12689	OVOL3	chr19	+	36602104	36604613	806
ENSG0000(	1049.634	300.9204	1.7951	6.18E-18	4.72E-17	CLIP3	chr19	-	36505562	36524245	3370
ENSG0000(	1.576526	269.4654	-7.1109	4.71E-30	6.01E-29	ZFR2	chr19	-	3804022	3869030	4756
ENSG0000(	3285.992	5586.198	-0.76461	3.07E-10	1.47E-09	SLC1A5	chr19	-	47278140	47291851	2882
ENSG0000(	914.9603	1304.399	-0.50945	0.02983	0.056468	PRKD2	chr19	-	47177532	47220384	3321
ENSG0000(	2.096328	841.6202	-8.4481	1.11E-44	2.20E-43	TJP3	chr19	+	3708107	3750811	3350
ENSG0000(	699.0245	235.5076	1.5601	9.87E-10	4.55E-09	APLP1	chr19	+	36358801	36370693	2495
ENSG0000(	663.3643	804.3726	-0.27765	0.096545	0.15682	CACTIN	chr19	-	3610639	3626813	3612
ENSG0000(	1164.25	857.7747	0.44028	8.30E-05	0.000239	CCDC9	chr19	+	47759237	47775210	2093
ENSG0000(	6735.392	7857.559	-0.22211	0.010618	0.022194	HNRNPUL1	chr19	+	41768401	41813503	3555
ENSG0000(	1495.29	928.2081	0.68649	5.18E-06	1.72E-05	FZR1	chr19	+	3506271	3538328	5212
ENSG0000(	180.007	804.506	-2.1436	6.36E-12	3.41E-11	BBC3	chr19	-	47724081	47736023	1838
ENSG0000(	5871.591	282.7392	4.3707	0	0	TGFB1	chr19	-	41807492	41859816	2769
ENSG0000(	205.9683	134.9443	0.60859	0.009303	0.01966	DENND3	chr8	+	1.42E+08	1.42E+08	5482
ENSG0000(	1021.055	1379.806	-0.43343	6.95E-05	0.000202	ATP5SL	chr19	-	41937223	41946622	2317
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CEACAM4	chr19	-	42125344	42133442	1205
ENSG0000(	3281.134	1127.155	1.5389	1.02E-27	1.20E-26	PLIN3	chr19	-	4838353	4867780	2333
ENSG0000(	0	1079.725	-11.249	2.46E-25	2.61E-24	MYH14	chr19	+	50691443	50813802	6910
ENSG0000(	513.8087	824.0848	-0.68009	5.97E-07	2.17E-06	MRPL4	chr19	+	10362577	10370721	1620
ENSG0000(	1.161205	4.928605	-1.7347	0.1538	0.23189	CD79A	chr19	+	42381190	42385439	1258
ENSG0000(	8424.949	16346.37	-0.95552	8.49E-26	9.16E-25	RPS19	chr19	+	42363988	42376994	2359
ENSG0000(	3683.745	7843.229	-1.0888	1.50E-16	1.07E-15	GLTSCR2	chr19	+	48248779	48260315	4185
ENSG0000(	0.36308	1.485073	-1.2175	0.48794	NA	NKG7	chr19	-	51874860	51875969	843
ENSG0000(	46.89152	43.5847	0.10047	0.84768	0.893	ICAM5	chr19	+	10400657	10407454	3000
ENSG0000(	45.82102	72.55591	-0.66192	0.07591	0.12772	ETFB	chr19	-	51848423	51869672	3551
ENSG0000(	2.354926	1.684135	0.42139	0.7235	0.79545	CD33	chr19	+	51728320	51747115	4728
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	CRX	chr19	+	48322703	48364769	4463
ENSG0000(	242.5457	290.0794	-0.2554	0.096686	0.15699	BABAM1	chr19	+	17378159	17392058	1472
ENSG0000(	2660.729	503.5263	2.3986	6.52E-91	3.29E-89	TYK2	chr19	-	10461209	10491352	4347
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	SULT2A1	chr19	-	48373723	48389654	1987
ENSG0000(	3282.366	2838.586	0.20962	0.083558	0.1387	CDC37	chr19	-	10501810	10530797	1608
ENSG0000(	919.4976	873.8964	0.073962	0.53389	0.63481	NAPA	chr19	-	47990894	48018497	3898
ENSG0000(	3223.433	1315.465	1.2909	3.50E-22	3.24E-21	RABAC1	chr19	-	42460833	42463542	821
ENSG0000(	3.46389	995.4598	-7.9668	3.65E-66	1.23E-64	ATP1A3	chr19	-	42470734	42501649	3818
ENSG0000(	2327.752	311.8019	2.8947	2.76E-128	2.42E-126	MEIS3	chr19	-	47906316	47922780	2195
ENSG0000(	5647.441	6403.306	-0.18108	0.14587	0.22161	PTPRS	chr19	-	5158506	5340814	7350
ENSG0000(	8.527449	97.66247	-3.4682	9.19E-18	6.98E-17	CNFN	chr19	-	42891171	42894439	523

ENSG0000(	4882.307	3653.147	0.41772	0.002166	0.005099	MEGF8	chr19	+	42829761	42882921	10966
ENSG0000(	3020.076	2474.882	0.28699	0.011148	0.023193	KDELR1	chr19	-	48885827	48894810	1594
ENSG0000(	1284.38	828.1374	0.63188	9.16E-05	0.000262	CYTH2	chr19	+	48972289	48985571	4652
ENSG0000(	1191.454	1903.218	-0.67238	0.00518	0.01151	GRWD1	chr19	+	48949030	48960279	5571
ENSG0000(	269.6256	837.4107	-1.5918	0.005369	0.011888	GRIN2D	chr19	+	48898132	48948188	5093
ENSG0000(	2.613524	3.426547	-0.33083	0.77624	0.83922	SYNGR4	chr19	+	48867652	48879633	1000
ENSG0000(	26.31788	148.9711	-2.4825	2.89E-15	1.93E-14	CLEC11A	chr19	+	51226586	51228974	1419
ENSG0000(	13.48653	39.31639	-1.5124	0.002441	0.005698	CCDC114	chr19	-	48799714	48825130	3215
ENSG0000(	466.9486	158.1743	1.5564	2.18E-16	1.54E-15	CARD8	chr19	-	48684027	48759203	5263
ENSG0000(	1075.803	1686.16	-0.64796	1.72E-09	7.76E-09	LIG1	chr19	-	48618702	48673860	4102
ENSG0000(	127.4403	102.5894	0.30905	0.18485	0.27023	ZNF175	chr19	+	52074551	52092991	3742
ENSG0000(	2.810509	4.363714	-0.54932	0.58355	0.67961	PLA2G4C	chr19	-	48551100	48614074	2496
ENSG0000(	0.632843	0	0.81931	0.64303	NA	SIGLEC5	chr19	-	52114781	52150151	2498
ENSG0000(	5.447177	12.8144	-1.1816	0.14421	0.21939	HAS1	chr19	-	52216365	52227247	2110
ENSG0000(	43.80864	296.9175	-2.7458	3.31E-24	3.36E-23	RAB3D	chr19	-	11432722	11456946	4273
ENSG0000(	18.58937	138.1871	-2.8619	6.13E-13	3.53E-12	DBP	chr19	-	49133287	49140695	5756
ENSG0000(	33.59081	87.48158	-1.3753	1.42E-06	5.02E-06	TMEM205	chr19	-	11453452	11457194	1310
ENSG0000(	103.4107	39.54297	1.3768	4.84E-06	1.61E-05	CAPS	chr19	+	5911718	5915888	3515
ENSG0000(	1013.674	200.7456	2.3319	6.08E-48	1.32E-46	DKFZP761J	chr19	+	11466062	11476374	2727
ENSG0000(	0.632843	126.2885	-7.0087	2.38E-15	1.59E-14	FAM83E	chr19	-	49104067	49118111	1926
ENSG0000(	25.40769	188.1404	-2.8429	2.85E-10	1.37E-09	RASIP1	chr19	-	49223844	49243978	3308
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	THEG	chr19	-	361750	376013	1633
ENSG0000(	0	3.991438	-3.5538	0.013802	0.028182	FGF21	chr19	+	49258816	49261587	1312
ENSG0000(	640.9317	393.7119	0.69972	0.000994	0.002465	BCAT2	chr19	-	49298319	49314286	2254
ENSG0000(	860.7502	706.1219	0.28601	0.019317	0.038254	MIER2	chr19	-	305575	344798	2764
ENSG0000(	1314.672	331.665	1.9747	2.67E-13	1.57E-12	PLEKHA4	chr19	-	49340354	49371889	3088
ENSG0000(	4424.74	8354.212	-0.9161	1.05E-21	9.54E-21	PPP2R1A	chr19	+	52693292	52730687	3281
ENSG0000(	2668	2260.593	0.2385	0.19013	0.27677	TNPO2	chr19	-	12810008	12834825	5122
ENSG0000(	154.2872	151.7984	0.028638	0.89545	0.92745	WDR83OS	chr19	-	12778885	12782170	2562
ENSG0000(	1.669842	1483.403	-9.3323	8.45E-37	1.36E-35	CACNG7	chr19	+	54412589	54447195	2688
ENSG0000(	354.6451	783.6624	-1.1417	1.75E-20	1.51E-19	GCDH	chr19	+	13001840	13025021	1956
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	LILRB5	chr19	-	54754263	54761164	5545
ENSG0000(	0.290301	11.2589	-4.3333	0.000301	0.000806	KLF1	chr19	-	12995237	12997995	1592
ENSG0000(	360.6416	311.2996	0.21072	0.30334	0.40464	DNASE2	chr19	-	12986025	12992282	1955
ENSG0000(	26.92163	430.5231	-3.952	6.15E-23	5.93E-22	MAST1	chr19	+	12944765	12985765	4833
ENSG0000(	218.2263	174.2355	0.32206	0.052452	0.092725	LENG1	chr19	-	54658899	54663620	1542
ENSG0000(	665.1504	773.1918	-0.21652	0.18032	0.26467	PRPF31	chr19	+	54618837	54635140	2126
ENSG0000(	423.2667	302.6357	0.48399	0.006246	0.013654	TFPT	chr19	-	54610320	54619055	1205
ENSG0000(	166.4582	195.2978	-0.22857	0.51485	0.61773	JAK3	chr19	-	17935589	17958880	5432
ENSG0000(	11561.24	20471.97	-0.82355	2.02E-14	1.28E-13	RPL18A	chr19	+	17970685	17974962	1391
ENSG0000(	1.068702	55.0969	-5.4063	1.67E-10	8.12E-10	SLC5A5	chr19	+	17982782	18005983	3576
ENSG0000(	0	314.4987	-9.6543	4.03E-19	3.25E-18	CTB-52I2.8	chr19	+	18062111	18109930	2657
ENSG0000(	107.5066	146.1702	-0.44138	0.17235	0.25493	ARRDC2	chr19	+	18111941	18124911	3748
ENSG0000(	4.470978	6.284171	-0.44825	0.57943	0.67587	PIK3R2	chr19	+	18263626	18281350	4335
ENSG0000(	56.90992	120.1345	-1.0576	0.026823	0.051409	RAB3A	chr19	-	18307594	18314884	1528
ENSG0000(	1.681007	32.57494	-4.0997	2.93E-08	1.20E-07	PDE4C	chr19	-	18318771	18366229	5979
ENSG0000(	1860.098	4309.038	-1.2099	9.46E-17	6.82E-16	ISYNA1	chr19	-	18545198	18549111	2039
ENSG0000(	266.6254	301.9235	-0.17665	0.28396	0.38527	ELL	chr19	-	18553473	18632937	4027
ENSG0000(	909.1094	543.3937	0.73872	0.001123	0.002765	CRTC1	chr19	+	18794487	18893004	6790
ENSG0000(	1669.764	1846.259	-0.14496	0.31062	0.41255	WBP7	chr19	+	36208921	36229779	8469
ENSG0000(	103.1453	6.817508	3.8492	1.52E-21	1.38E-20	COMP	chr19	-	18893583	18902123	2707
ENSG0000(	0.36308	14.06557	-4.5841	0.000117	0.00033	UPK1A	chr19	+	36157715	36169367	1223
ENSG0000(	1844.917	1157.241	0.67244	2.32E-09	1.04E-08	COPE	chr19	-	19010323	19030206	1770
ENSG0000(	705.5543	590.362	0.25665	0.29397	0.39595	DDX49	chr19	+	19030484	19039436	1882
ENSG0000(	21.95057	13.37929	0.69319	0.20515	0.29441	ETV2	chr19	+	36132647	36135773	1571
ENSG0000(	0	18.31193	-5.7186	4.10E-06	1.37E-05	ATP4A	chr19	-	36040945	36054560	3709
ENSG0000(	662.0393	1149.11	-0.79244	5.82E-05	0.000171	ARMC6	chr19	+	19144384	19170563	2488
ENSG0000(	601.8685	895.4809	-0.57238	1.49E-07	5.74E-07	TMEM147	chr19	+	36036497	36038428	1783
ENSG0000(	0.705622	1.370136	-0.71417	0.6513	0.73678	GAPDHS	chr19	+	36024314	36036218	1489
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC104537.	chr19	+	2538108	2538786	363
ENSG0000(	0	4.33216	-3.5705	0.016455	0.033058	MAG	chr19	+	35783028	35804707	2426
ENSG0000(	105.5235	385.0354	-1.8566	2.74E-12	1.51E-11	TMEM59L	chr19	+	18718240	18731849	1717
ENSG0000(	0.290301	0	0.4146	0.81455	NA	HAMP	chr19	+	35771619	35776046	2624
ENSG0000(	1884.613	2328.497	-0.3045	0.006645	0.014443	USF2	chr19	+	35759881	35770718	2742
ENSG0000(	25.00256	3560.302	-7.1422	7.11E-248	2.41E-245	LSR	chr19	+	35739233	35758866	2480

ENSG0000(	597.3166	666.8671	-0.15865	0.34598	0.45002	KXD1	chr19	+	18668572	18680197	2738
ENSG0000(	5358.238	8304.553	-0.63101	2.90E-05	8.82E-05	FKBP8	chr19	-	18642568	18654863	1774
ENSG0000(	552.8902	809.0139	-0.54768	0.000242	0.000656	SUGP1	chr19	-	19386827	19432123	2425
ENSG0000(	0	245.8637	-9.2471	1.47E-16	1.05E-15	HPN	chr19	+	35531410	35557475	2363
ENSG0000(	36.69504	71.59895	-0.95749	0.00632	0.0138	ZNF14	chr19	-	19821280	19843906	2949
ENSG0000(	301.322	132.8057	1.1681	0.000687	0.001746	SCN1B	chr19	+	35521588	35531352	3460
ENSG0000(	0.36308	23.00018	-5.2936	2.25E-06	7.75E-06	PBX4	chr19	-	19672516	19729725	1730
ENSG0000(	1934.197	1548.919	0.32034	0.003525	0.008038	ERF	chr19	-	42751724	42759309	2698
ENSG0000(	769.4439	802.1593	-0.06058	0.61624	0.70766	GSK3A	chr19	-	42734338	42746777	3524
ENSG0000(	1693.195	2010.264	-0.24695	0.1157	0.18306	ATP13A1	chr19	-	19756007	19774502	4729
ENSG0000(	279.9874	568.5622	-1.0155	3.60E-07	1.34E-06	ZNF574	chr19	+	42572629	42585701	3598
ENSG0000(	4.180677	1408.072	-8.2382	6.01E-81	2.55E-79	GRIK5	chr19	-	42502473	42573650	3493
ENSG0000(	1578.892	1257.831	0.32691	0.014373	0.029223	SIPA1L3	chr19	+	38397868	38699012	7987
ENSG0000(	87.17816	223.0816	-1.3417	3.15E-06	1.07E-05	ZNF85	chr19	+	21106028	21133503	2652
ENSG0000(	133.2431	51.76402	1.362	4.68E-08	1.88E-07	ETHE1	chr19	-	44010871	44031396	1052
ENSG0000(	482.7932	433.3609	0.15445	0.45217	0.55762	CADM4	chr19	-	44126520	44143991	2178
ENSG0000(	739.8807	321.3589	1.1999	1.56E-08	6.51E-08	SMG9	chr19	-	44235301	44259142	2387
ENSG0000(	789.0743	1076.208	-0.44797	0.001071	0.002643	AVL9	chr7	+	32535038	33078516	7937
ENSG0000(	13.94292	8.983151	0.61574	0.30065	0.40208	RUNDC3B	chr7	+	87256864	87461611	4099
ENSG0000(	21.50517	23.84423	-0.15481	0.7313	0.80153	C7orf63	chr7	+	89874488	89940377	6966
ENSG0000(	181.4132	211.5091	-0.21937	0.22944	0.32269	GTPBP10	chr7	+	89964537	90020769	7531
ENSG0000(	12.3664	11.83353	0.053917	0.93048	0.95402	RASA4	chr7	-	1.02E+08	1.02E+08	5605
ENSG0000(	3131.577	1099.895	1.508	7.48E-50	1.70E-48	CDK6	chr7	-	92234235	92465908	11612
ENSG0000(	706.6402	1029.56	-0.54229	4.21E-07	1.56E-06	PMPCB	chr7	+	1.03E+08	1.03E+08	2472
ENSG0000(	323.3901	581.1083	-0.83959	0.001958	0.004642	DNAJC2	chr7	-	1.03E+08	1.03E+08	3033
ENSG0000(	192.5575	68.07854	1.4895	6.47E-07	2.35E-06	TFPI2	chr7	-	93514709	93520303	2444
ENSG0000(	458.365	317.2481	0.53223	0.000127	0.000358	BET1	chr7	-	93592074	93633694	3586
ENSG0000(	620.174	1179.962	-0.9273	8.99E-14	5.43E-13	NAMPT	chr7	-	1.06E+08	1.06E+08	4582
ENSG0000(	342.6549	503.8385	-0.55377	0.004906	0.010938	TWISTNB	chr7	-	19735085	19748710	3942
ENSG0000(	1.048164	1.430828	-0.3098	0.85037	0.89482	PIK3CG	chr7	+	1.07E+08	1.07E+08	5377
ENSG0000(	0.342542	0	0.4146	0.81455	NA	PON3	chr7	-	94989256	95025680	2433
ENSG0000(	521.3184	215.8733	1.2695	1.13E-09	5.20E-09	PON2	chr7	-	95034175	95064510	1779
ENSG0000(	126.8498	40.44443	1.6472	1.17E-09	5.34E-09	ITGB8	chr7	+	20370325	20450419	5573
ENSG0000(	670.8734	395.4076	0.76084	6.75E-05	0.000196	HBP1	chr7	+	1.07E+08	1.07E+08	2829
ENSG0000(	85.55184	106.7104	-0.31719	0.16178	0.24202	DUS4L	chr7	+	1.07E+08	1.07E+08	2280
ENSG0000(	163.7839	389.6377	-1.2447	1.14E-11	6.00E-11	SP4	chr7	+	21467652	21554440	6126
ENSG0000(	374.8053	244.7146	0.61279	6.41E-05	0.000187	WDR91	chr7	-	1.35E+08	1.35E+08	4588
ENSG0000(	59.25791	179.1406	-1.5941	5.14E-14	3.16E-13	DNAH11	chr7	+	21582833	21941457	14188
ENSG0000(	265.3219	323.5357	-0.28427	0.05414	0.095336	CBLL1	chr7	+	1.07E+08	1.07E+08	2349
ENSG0000(	37.29455	4.489931	2.9362	8.08E-05	0.000233	DLX5	chr7	-	96649704	96654409	1688
ENSG0000(	2346.096	974.1151	1.2671	6.65E-35	1.01E-33	MTPN	chr7	-	1.36E+08	1.36E+08	3738
ENSG0000(	253.0899	41.73527	2.5899	4.27E-26	4.67E-25	STEAP1B	chr7	-	22459063	22672544	1515
ENSG0000(	346.9361	383.6447	-0.1427	0.45502	0.56032	PTN	chr7	-	1.37E+08	1.37E+08	1614
ENSG0000(	261.8944	657.4893	-1.3242	4.22E-11	2.15E-10	MPP6	chr7	+	24612887	24729159	3848
ENSG0000(	645.8502	71.83943	3.163	3.92E-86	1.83E-84	DFNA5	chr7	-	24737972	24809244	4182
ENSG0000(	1.669842	27.00531	-3.8281	5.67E-07	2.07E-06	ATP6V0A4	chr7	-	1.38E+08	1.38E+08	3135
ENSG0000(	885.879	1196.145	-0.43346	0.000127	0.000356	ZC3HAV1	chr7	-	1.39E+08	1.39E+08	7100
ENSG0000(	155.1947	136.7771	0.1842	0.35699	0.46134	TTC26	chr7	+	1.39E+08	1.39E+08	4299
ENSG0000(	4079.224	2583.881	0.65807	2.63E-10	1.26E-09	OGDH	chr7	+	44646171	44748665	4181
ENSG0000(	12.50177	32.18971	-1.3333	0.010325	0.021648	ADAP1	chr7	-	937540	995043	2363
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	TFEC	chr7	-	1.16E+08	1.16E+08	6628
ENSG0000(	3461.338	2419.769	0.5158	3.08E-06	1.05E-05	H2AFV	chr7	-	44866390	44887682	3804
ENSG0000(	536.9594	29.16451	4.1873	4.86E-74	1.87E-72	CAV2	chr7	+	1.16E+08	1.16E+08	3301
ENSG0000(	2110.309	236.2314	3.0944	1.02E-09	4.69E-09	CAV1	chr7	+	1.16E+08	1.16E+08	2704
ENSG0000(	789.3752	315.2705	1.3216	8.77E-25	9.09E-24	MET	chr7	+	1.16E+08	1.16E+08	6635
ENSG0000(	13.32125	25.80114	-0.9392	0.064131	0.11057	RNF32	chr7	+	1.56E+08	1.56E+08	2260
ENSG0000(	548.6276	613.8825	-0.16156	0.35985	0.46403	LMBR1	chr7	-	1.56E+08	1.57E+08	4911
ENSG0000(	1.286224	0.98329	0.31096	0.83007	0.88026	NHP2P1	chr10	+	93976089	93976550	462
ENSG0000(	0.36308	0	0.4146	0.81455	NA	WNT2	chr7	-	1.17E+08	1.17E+08	2907
ENSG0000(	34.42226	1.029414	4.7705	2.13E-08	8.80E-08	HOXA1	chr7	-	27132612	27135615	2517
ENSG0000(	2616.993	6410.898	-1.2918	4.41E-38	7.36E-37	DNAJB6	chr7	+	1.57E+08	1.57E+08	7992
ENSG0000(	56.15352	0.686276	5.9135	3.38E-11	1.73E-10	HOXA2	chr7	-	27139721	27142430	2066
ENSG0000(	311.9693	1.372552	7.5772	8.92E-31	1.18E-29	HOXA3	chr7	-	27145803	27192200	3263
ENSG0000(	896.8992	209.1306	2.0947	2.67E-35	4.08E-34	LFNG	chr7	+	2552163	2568811	2377
ENSG0000(	53.42712	1.372552	5.0683	1.04E-11	5.52E-11	HOXA5	chr7	-	27180671	27183287	1657

ENSG0000(	11.12981	0	5.072	5.56E-05	0.000163	HOXA6	chr7	-	27185015	27192217	989
ENSG0000(	1003.352	1421.32	-0.50206	5.93E-05	0.000174	BRAT1	chr7	-	2577511	2595361	5360
ENSG0000(	808.5246	202.2355	1.9942	2.82E-42	5.27E-41	IQCE	chr7	+	2598632	2654368	6844
ENSG0000(	0	92.00964	-8.0321	2.41E-13	1.42E-12	VIPR2	chr7	-	1.59E+08	1.59E+08	3944
ENSG0000(	346.9738	249.2975	0.47745	0.000908	0.002266	TSPAN12	chr7	-	1.2E+08	1.2E+08	2796
ENSG0000(	1159.077	1636.293	-0.49626	0.001098	0.002706	SSBP1	chr7	+	1.41E+08	1.41E+08	2620
ENSG0000(	676.4414	2.69898	7.8308	7.31E-56	1.93E-54	HOXA13	chr7	-	27233122	27239725	4376
ENSG0000(	480.7675	1.043983	8.4992	5.31E-33	7.58E-32	CPED1	chr7	+	1.21E+08	1.21E+08	5340
ENSG0000(	7.282301	4.025408	0.78079	0.4444	0.54995	EVX1	chr7	+	27282164	27290112	2712
ENSG0000(	500.8743	588.2302	-0.23103	0.10575	0.16929	HIBADH	chr7	-	27565061	27702614	1990
ENSG0000(	1637.914	924.9478	0.82336	9.27E-07	3.32E-06	TAX1BP1	chr7	+	27778950	27880938	2890
ENSG0000(	66.05709	469.3211	-2.82	1.64E-49	3.69E-48	CPVL	chr7	-	29034847	29235067	2213
ENSG0000(	54.67903	57.8371	-0.08307	0.77294	0.83657	CHN2	chr7	+	29161956	29553944	3530
ENSG0000(	1207.64	2103.456	-0.79966	1.02E-13	6.17E-13	GRB10	chr7	-	50657760	50861159	5432
ENSG0000(	247.3447	234.7456	0.075368	0.63929	0.72678	ABHD11	chr7	-	73150424	73153197	1562
ENSG0000(	0.72616	628.6824	-9.2136	5.85E-29	7.16E-28	COBL	chr7	-	51083909	51384515	7697
ENSG0000(	1591.876	276.1125	2.5267	1.23E-86	5.81E-85	FKBP14	chr7	-	30050203	30066300	4960
ENSG0000(	293.1277	481.4209	-0.71649	2.65E-07	9.98E-07	PLEKHA8	chr7	+	30067020	30170096	3050
ENSG0000(	265.2821	74.52646	1.8169	9.20E-11	4.56E-10	STX1A	chr7	-	73113536	73134002	2095
ENSG0000(	274.2576	204.1935	0.42167	0.08482	0.14042	NOD1	chr7	-	30464143	30518400	4610
ENSG0000(	3696.351	3095.805	0.25546	0.081798	0.13617	GARS	chr7	+	30634297	30673649	2634
ENSG0000(	0.342542	13.28376	-4.5437	0.000108	0.000306	CRHR2	chr7	-	30692200	30739745	2530
ENSG0000(	92.08744	380.0785	-2.0366	7.53E-19	5.99E-18	EPHB6	chr7	+	1.43E+08	1.43E+08	4406
ENSG0000(	5.104635	2.217472	1.054	0.31983	0.42271	FAM188B	chr7	+	30811033	30932002	3573
ENSG0000(	0.632843	13.13565	-3.8746	0.000252	0.000682	GHRHR	chr7	+	30978284	31032869	1613
ENSG0000(	12.82459	24.69888	-0.93553	0.080622	0.13446	NSUN5P2	chr7	-	72418120	72425329	1789
ENSG0000(	948.0587	674.7461	0.48953	0.007019	0.015193	CASP2	chr7	+	1.43E+08	1.43E+08	5769
ENSG0000(	1316.898	1273.792	0.048823	0.66066	0.74456	CHCHD2	chr7	-	56169262	56174269	901
ENSG0000(	7865.054	3161.435	1.3124	6.25E-18	4.77E-17	HSPB1	chr7	+	75931861	75933612	1455
ENSG0000(	2907.805	641.9483	2.169	1.07E-19	8.89E-19	NPTX2	chr7	+	98246609	98259180	2700
ENSG0000(	3173.794	3870.732	-0.28596	0.02002	0.039509	PDAP1	chr7	-	98989671	99006452	2546
ENSG0000(	412.5303	430.177	-0.05949	0.6689	0.75148	BUD31	chr7	+	99006264	99017239	1139
ENSG0000(	21.31512	37.45339	-0.79735	0.068958	0.11757	PTCD1	chr7	-	99014362	99063820	5582
ENSG0000(	16.82702	13.58319	0.29385	0.5758	0.67257	CYP3A5	chr7	-	99245817	99277621	3320
ENSG0000(	2286.617	965.1998	1.239	6.75E-08	2.67E-07	ZKSCAN1	chr7	+	99613204	99639312	9418
ENSG0000(	4046.539	9187.216	-1.1814	1.95E-20	1.68E-19	EIF3B	chr7	+	2393721	2420380	3745
ENSG0000(	1013.174	1140.654	-0.17089	0.20164	0.2903	SNX8	chr7	-	2291405	2393953	4727
ENSG0000(	437.5536	904.0212	-1.0458	2.90E-14	1.81E-13	NUDT1	chr7	+	2281857	2290781	872
ENSG0000(	111.6139	2665.919	-4.5645	4.27E-154	5.17E-152	PTPRZ1	chr7	+	1.22E+08	1.22E+08	8175
ENSG0000(	1024	1322.327	-0.36834	0.01079	0.022517	TAF6	chr7	-	99704693	99717464	2727
ENSG0000(	581.6772	802.3512	-0.46321	0.000845	0.002122	WASL	chr7	-	1.23E+08	1.23E+08	4435
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	SPAM1	chr7	+	1.24E+08	1.24E+08	2349
ENSG0000(	275.2282	451.1295	-0.71085	0.000109	0.000309	AIMP2	chr7	+	6048876	6063465	1225
ENSG0000(	5.290455	63.08623	-3.4971	7.66E-11	3.82E-10	TFR2	chr7	-	1E+08	1E+08	3131
ENSG0000(	0.290301	1.073121	-0.88899	0.61676	NA	FSCN3	chr7	+	1.27E+08	1.27E+08	2238
ENSG0000(	434.1637	329.647	0.3957	0.018427	0.036669	MOSPD3	chr7	+	1E+08	1E+08	1191
ENSG0000(	0.342542	0	0.4146	0.81455	NA	PAX4	chr7	-	1.27E+08	1.27E+08	2010
ENSG0000(	8070.583	560.5913	3.8412	2.43E-154	2.96E-152	PCOLCE	chr7	+	1E+08	1E+08	1702
ENSG0000(	9.564448	31.42006	-1.675	0.001724	0.004123	FBXO24	chr7	+	1E+08	1E+08	2276
ENSG0000(	0	2.073397	-2.2159	0.20168	0.2903	PPP1R17	chr7	+	31726329	31748069	2268
ENSG0000(	616.3359	580.0555	0.087966	0.60448	0.69772	RBM28	chr7	-	1.28E+08	1.28E+08	2808
ENSG0000(	526.7879	528.4161	-0.00448	0.974	0.98544	USP42	chr7	+	6144515	6201195	5155
ENSG0000(	2102.099	1659.927	0.34031	0.000701	0.001779	IMPDH1	chr7	-	1.28E+08	1.28E+08	2881
ENSG0000(	128.9571	131.0456	-0.02194	0.93587	0.95766	AGFG2	chr7	+	1E+08	1E+08	4796
ENSG0000(	280.8609	572.4483	-1.0239	1.15E-08	4.85E-08	LSM5	chr7	-	32524951	32534895	2251
ENSG0000(	2594.706	22.1754	6.8703	4.66E-180	8.08E-178	SERPINE1	chr7	+	1.01E+08	1.01E+08	3190
ENSG0000(	1270.014	842.8953	0.59021	5.00E-05	0.000148	AP1S1	chr7	+	1.01E+08	1.01E+08	1306
ENSG0000(	0	5.741971	-4.0379	0.004201	0.009456	MOGAT3	chr7	-	1.01E+08	1.01E+08	2132
ENSG0000(	387.5461	982.1922	-1.3393	2.20E-20	1.88E-19	C1GALT1	chr7	+	7196565	7288251	6208
ENSG0000(	4759.948	1000.59	2.2476	2.18E-74	8.43E-73	PLOD3	chr7	-	1.01E+08	1.01E+08	2920
ENSG0000(	229.1104	551.042	-1.2619	1.98E-19	1.62E-18	RPA3	chr7	-	7676149	7758238	2020
ENSG0000(	1312.704	903.0347	0.53923	1.59E-05	5.00E-05	ZNHIT1	chr7	+	1.01E+08	1.01E+08	3958
ENSG0000(	82.7714	74.95856	0.14344	0.608	0.70076	CLDN15	chr7	-	1.01E+08	1.01E+08	2131
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	NOBOX	chr7	-	1.44E+08	1.44E+08	2076
ENSG0000(	90.09901	320.2794	-1.8241	2.25E-16	1.59E-15	GLCCI1	chr7	+	8008425	8133902	4743

ENSG0000(	62.63184	0.297015	6.6811	1.19E-10	5.85E-10	MYL10	chr7	-	1.01E+08	1.01E+08	1009
ENSG0000(	566.3602	997.9961	-0.81523	7.38E-09	3.16E-08	PHF14	chr7	+	11013499	11209250	4276
ENSG0000(	327.5769	381.5898	-0.22108	0.17248	0.25507	NRF1	chr7	+	1.29E+08	1.29E+08	3528
ENSG0000(	587.4538	338.6971	0.79374	1.81E-05	5.63E-05	TMEM106E	chr7	+	12250867	12276886	6432
ENSG0000(	740.8688	832.3482	-0.16691	0.43415	0.53961	EZH2	chr7	-	1.49E+08	1.49E+08	3641
ENSG0000(	305.0799	155.0154	0.97524	3.60E-07	1.34E-06	CEP41	chr7	-	1.3E+08	1.3E+08	3750
ENSG0000(	302.9952	126.663	1.2378	0.005295	0.011741	ZNF862	chr7	+	1.5E+08	1.5E+08	6950
ENSG0000(	14.00372	0.343138	4.6135	8.24E-05	0.000237	SFRP4	chr7	-	37945543	38065297	2957
ENSG0000(	10710.54	1491.509	2.8405	5.59E-101	3.20E-99	MEST	chr7	+	1.3E+08	1.3E+08	2465
ENSG0000(	2442.381	1.713273	10.216	3.81E-70	1.37E-68	MEOX2	chr7	-	15650837	15726437	2500
ENSG0000(	374.8321	170.7092	1.1346	1.15E-12	6.50E-12	ANKMY2	chr7	-	16639401	16685442	2599
ENSG0000(	0.342542	0.700845	-0.57269	0.74414	NA	ACTR3C	chr7	-	1.5E+08	1.5E+08	5697
ENSG0000(	9.770806	51.67681	-2.3434	1.32E-05	4.16E-05	POU6F2	chr7	+	39017598	39532694	5925
ENSG0000(	284.4626	657.6334	-1.2073	3.17E-22	2.94E-21	TSPAN13	chr7	+	16793160	16824161	2093
ENSG0000(	73.63605	3785.959	-5.6651	2.66E-199	5.71E-197	RARRES2	chr7	-	1.5E+08	1.5E+08	1905
ENSG0000(	1.576526	0.700845	0.95778	0.51389	0.61691	AGR2	chr7	-	16831435	16873057	1778
ENSG0000(	1134.746	129.1862	3.1244	1.87E-85	8.64E-84	AHR	chr7	+	17338246	17385776	6276
ENSG0000(	1084.635	1721.904	-0.66608	3.20E-08	1.30E-07	CHCHD3	chr7	-	1.32E+08	1.33E+08	1598
ENSG0000(	0.975385	0.357707	0.92752	0.59066	NA	GIMAP2	chr7	+	1.5E+08	1.5E+08	1449
ENSG0000(	2.749709	7.956154	-1.4367	0.12944	0.20099	TMEM176E	chr7	-	1.5E+08	1.5E+08	1430
ENSG0000(	1366.266	779.3261	0.8083	5.97E-08	2.37E-07	GLI3	chr7	-	42000548	42277469	8208
ENSG0000(	46.54041	74.51572	-0.67717	0.018428	0.036669	PSMA2	chr7	-	42956460	42971822	4251
ENSG0000(	542.2048	783.4114	-0.52907	0.00348	0.007944	MRPL32	chr7	+	42971799	42988557	2734
ENSG0000(	838.9012	1160.061	-0.46732	2.69E-05	8.21E-05	COA1	chr7	-	43648055	43769316	3223
ENSG0000(	655.7064	312.1853	1.0706	1.83E-13	1.09E-12	BLVRA	chr7	+	43798279	43846939	1159
ENSG0000(	531.801	471.0508	0.17477	0.26747	0.36622	URGCP	chr7	-	43915493	43966010	5658
ENSG0000(	1940.722	986.4657	0.97507	2.83E-15	1.89E-14	TMEM248	chr7	+	66386212	66423538	4229
ENSG0000(	92.63651	87.54456	0.086274	0.73028	0.80092	STAG3L4	chr7	+	66767608	66786513	2143
ENSG0000(	1233.245	1914.53	-0.63431	3.69E-09	1.62E-08	RHEB	chr7	-	1.51E+08	1.51E+08	2075
ENSG0000(	206.1633	277.7855	-0.42899	0.006698	0.014547	PRKAG2	chr7	-	1.51E+08	1.52E+08	3305
ENSG0000(	36967.06	1360.707	4.7545	1.08E-209	2.58E-207	AEBP1	chr7	+	44143960	44154161	4081
ENSG0000(	1984.076	3136.488	-0.65967	3.17E-11	1.63E-10	POLD2	chr7	-	44154286	44163957	2158
ENSG0000(	0.923144	4.977144	-2.0336	0.10355	0.16621	MYL7	chr7	-	44178463	44180931	791
ENSG0000(	40.39618	98.12638	-1.2679	0.000605	0.001552	GCK	chr7	-	44183872	44237769	2729
ENSG0000(	673.3619	513.3289	0.39045	0.087592	0.14442	BCL7B	chr7	-	72950686	72972332	1975
ENSG0000(	5167.388	2317.484	1.1546	6.32E-13	3.64E-12	YKT6	chr7	+	44240567	44253893	2696
ENSG0000(	1242.744	459.4509	1.4298	5.59E-11	2.82E-10	TBL2	chr7	-	72983990	72993121	2430
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	GALNTL5	chr7	+	1.52E+08	1.52E+08	2272
ENSG0000(	5684.748	3003.533	0.91414	0.001766	0.004216	CLIP2	chr7	+	73703805	73820273	5563
ENSG0000(	8552.298	9005.368	-0.07438	0.40119	0.50594	EIF4H	chr7	+	73588575	73611431	2679
ENSG0000(	931.5009	739.3559	0.33193	0.018343	0.036505	LIMK1	chr7	+	73497263	73536855	3374
ENSG0000(	6.597217	14.03314	-1.051	0.099595	0.16094	SPATA6L	chr9	-	4553386	4666674	4073
ENSG0000(	11.55629	139.5181	-3.5585	1.52E-23	1.50E-22	SLC1A1	chr9	+	4490444	4587469	3722
ENSG0000(	13.97202	3.056687	2.0768	0.014312	0.029125	LHX2	chr9	+	1.27E+08	1.27E+08	2554
ENSG0000(	452.2116	197.4651	1.193	3.43E-09	1.51E-08	FKTN	chr9	+	1.08E+08	1.08E+08	7364
ENSG0000(	108.0956	51.40564	1.0616	0.000652	0.001663	FSD1L	chr9	+	1.08E+08	1.08E+08	7623
ENSG0000(	276.8787	90.36975	1.6111	7.85E-14	4.77E-13	CNTNAP3	chr9	-	39072764	39288312	5064
ENSG0000(	1814.003	2300.884	-0.34292	0.000244	0.00066	SPIN1	chr9	+	91003334	91093609	4484
ENSG0000(	172.1544	110.5642	0.63814	0.000987	0.00245	NMRK1	chr9	-	77675489	77703133	2050
ENSG0000(	1028.049	1655.005	-0.68609	4.67E-06	1.56E-05	TMEM245	chr9	-	1.12E+08	1.12E+08	7980
ENSG0000(	45.60529	179.5071	-1.9687	1.92E-16	1.36E-15	PRUNE2	chr9	-	79226292	79521003	12587
ENSG0000(	345.7861	37.98103	3.1681	1.93E-49	4.35E-48	MEGF9	chr9	-	1.23E+08	1.23E+08	6298
ENSG0000(	109.2405	251.6826	-1.2055	1.83E-08	7.60E-08	TRIM14	chr9	-	1.01E+08	1.01E+08	4454
ENSG0000(	450.963	1294.469	-1.5181	1.18E-17	8.94E-17	CORO2A	chr9	-	1.01E+08	1.01E+08	5635
ENSG0000(	1631.802	979.2142	0.73619	6.49E-10	3.04E-09	TGFBR1	chr9	+	1.02E+08	1.02E+08	6516
ENSG0000(	2332.499	1133.291	1.0406	5.28E-17	3.86E-16	SEC61B	chr9	+	1.02E+08	1.02E+08	687
ENSG0000(	75.37932	6.909755	3.39	2.15E-15	1.44E-14	C5	chr9	-	1.24E+08	1.24E+08	5462
ENSG0000(	773.2522	4.49322	7.2923	6.83E-75	2.66E-73	OGN	chr9	-	95146249	95166978	2971
ENSG0000(	68.10232	3.108515	4.2697	1.57E-13	9.37E-13	ASPN	chr9	-	95218487	95244788	2470
ENSG0000(	31.00557	5.13982	2.545	2.77E-05	8.45E-05	ECM2	chr9	-	95256365	95298937	3253
ENSG0000(	1078.648	868.2274	0.31116	0.21883	0.31047	TLE4	chr9	+	82186688	82341658	4845
ENSG0000(	0	7.844505	-4.574	0.000463	0.001209	LHX6	chr9	-	1.25E+08	1.25E+08	3587
ENSG0000(	612.0794	903.531	-0.56108	1.90E-06	6.61E-06	PTGR1	chr9	-	1.14E+08	1.14E+08	2298
ENSG0000(	252.2512	81.08812	1.6312	2.74E-13	1.61E-12	SUSD1	chr9	-	1.15E+08	1.15E+08	3124
ENSG0000(	0.923144	14.89021	-3.6264	0.000113	0.000319	AMBP	chr9	-	1.17E+08	1.17E+08	1434

ENSG0000(	612.4984	951.8121	-0.63482	0.00021	0.000574	AKNA	chr9	-	1.17E+08	1.17E+08	7380
ENSG0000(	0.705622	0	0.8807	0.6196	NA	TNFSF8	chr9	-	1.18E+08	1.18E+08	1906
ENSG0000(	5481.635	946.0011	2.5283	8.16E-52	1.96E-50	DNM1	chr9	+	1.31E+08	1.31E+08	3286
ENSG0000(	2109.049	94.04505	4.4561	6.90E-53	1.70E-51	ENG	chr9	-	1.31E+08	1.31E+08	3059
ENSG0000(	93.6074	26.2325	1.8145	1.41E-09	6.45E-09	AK1	chr9	-	1.31E+08	1.31E+08	2266
ENSG0000(	191.4391	249.6008	-0.38161	0.030989	0.058351	CDC37L1	chr9	+	4679559	4708398	3502
ENSG0000(	5.455736	15.13057	-1.3928	0.050601	0.089868	RLN2	chr9	-	5299868	5304969	1177
ENSG0000(	0.342542	1.188058	-0.99414	0.57407	NA	RLN1	chr9	-	5334969	5339873	1068
ENSG0000(	184.1448	208.6427	-0.18029	0.32291	0.42581	PLGRKT	chr9	-	5357973	5437878	932
ENSG0000(	946.1834	857.1287	0.14241	0.38746	0.49156	TBC1D13	chr9	+	1.32E+08	1.32E+08	3906
ENSG0000(	940.7678	378.0887	1.313	2.20E-28	2.64E-27	KIAA1432	chr9	+	5629025	5776557	6774
ENSG0000(	252.7606	631.0435	-1.3186	1.86E-17	1.39E-16	KDM4C	chr9	+	6720863	7175648	4655
ENSG0000(	6.939759	68.17972	-3.2444	5.84E-13	3.37E-12	DOCK8	chr9	+	214854	465259	9277
ENSG0000(	1263.462	747.7212	0.75525	1.14E-08	4.83E-08	KANK1	chr9	+	470291	746105	7193
ENSG0000(	949.3264	510.5906	0.89322	1.16E-08	4.88E-08	ELAVL2	chr9	-	23690102	23826335	3805
ENSG0000(	4074.74	1405.866	1.5328	7.50E-36	1.17E-34	NCS1	chr9	+	1.33E+08	1.33E+08	4991
ENSG0000(	621.8281	223.6181	1.4698	4.67E-13	2.72E-12	TESK1	chr9	+	35605367	35610038	2421
ENSG0000(	1.681007	5.194065	-1.4915	0.15199	0.22961	KCNT1	chr9	+	1.39E+08	1.39E+08	4830
ENSG0000(	2.987769	13.14539	-2.048	0.005846	0.012842	CA9	chr9	+	35673853	35681156	1618
ENSG0000(	2048.824	1984.801	0.045875	0.67605	0.75745	FUBP3	chr9	+	1.33E+08	1.34E+08	3124
ENSG0000(	2.044087	1.623443	0.26047	0.84116	0.88848	TYRP1	chr9	+	12685439	12710290	2851
ENSG0000(	919.9935	419.9913	1.1303	1.80E-19	1.48E-18	CREB3	chr9	+	35732332	35737001	1832
ENSG0000(	767.4773	526.2894	0.54318	0.000643	0.001643	RGP1	chr9	+	35749203	35758572	7018
ENSG0000(	1499.468	905.1164	0.72775	5.47E-10	2.57E-09	MPDZ	chr9	-	13105703	13279589	7722
ENSG0000(	0	1.935026	-2.4284	0.13734	0.21062	LHX3	chr9	-	1.39E+08	1.39E+08	2403
ENSG0000(	124.361	202.5736	-0.70279	0.000231	0.000627	DDX58	chr9	-	32455300	32526322	4621
ENSG0000(	2613.08	2760.958	-0.07921	0.42638	0.53178	EDF1	chr9	-	1.4E+08	1.4E+08	809
ENSG0000(	0.290301	75.11466	-6.9375	1.12E-11	5.94E-11	PIP5K1B	chr9	+	71320575	71624092	3335
ENSG0000(	349.4319	3.259039	6.6037	2.57E-45	5.15E-44	GLIS3	chr9	-	3824127	4348392	6667
ENSG0000(	531.2449	694.4224	-0.38338	0.20996	0.29999	BAG1	chr9	-	33247818	33264761	3865
ENSG0000(	1943.11	2321.074	-0.2559	0.046975	0.084274	RAPGEF1	chr9	-	1.34E+08	1.35E+08	6256
ENSG0000(	1158.573	791.7746	0.54671	0.014344	0.029184	NPDC1	chr9	-	1.4E+08	1.4E+08	2187
ENSG0000(	273.9023	11.06225	4.5768	1.43E-46	2.97E-45	APBA1	chr9	-	72042446	72287222	6534
ENSG0000(	2524.413	925.5982	1.4441	2.23E-14	1.41E-13	SETX	chr9	-	1.35E+08	1.35E+08	11103
ENSG0000(	0	66.51029	-7.6089	4.31E-12	2.34E-11	SH3GL2	chr9	+	17579080	17797127	2565
ENSG0000(	24.74054	16.82208	0.53131	0.37301	0.47732	PTGDS	chr9	+	1.4E+08	1.4E+08	989
ENSG0000(	1857.749	741.5156	1.3195	3.57E-09	1.57E-08	ABCA2	chr9	-	1.4E+08	1.4E+08	8154
ENSG0000(	172.3189	109.0242	0.65571	0.00127	0.003099	SHB	chr9	-	37919131	38069210	2783
ENSG0000(	2141.035	2217.499	-0.05094	0.69358	0.77152	UBE2R2	chr9	+	33817565	33920402	4075
ENSG0000(	291.6123	1076.582	-1.88	3.69E-29	4.56E-28	ABHD17B	chr9	-	74477368	74525847	2614
ENSG0000(	150.1781	283.1723	-0.91232	3.49E-06	1.18E-05	EXOSC3	chr9	-	37766975	37801434	1625
ENSG0000(	3102.015	2776.78	0.15945	0.2955	0.3975	ZFAND5	chr9	-	74966341	74980163	5728
ENSG0000(	1415.115	1613.453	-0.18912	0.18829	0.27454	DVL1	chr1	-	1270656	1284730	3239
ENSG0000(	609.3726	4087.3	-2.7413	8.95E-90	4.48E-88	PDLIM1	chr10	-	96997329	97050781	1452
ENSG0000(	328.8116	843.5419	-1.3538	1.67E-09	7.58E-09	CCNJ	chr10	+	97803151	97820627	4115
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	DNTT	chr10	+	98064085	98098321	2016
ENSG0000(	145.8228	37.62312	1.91	0.000463	0.001209	GATA3	chr10	+	8095567	8117161	3078
ENSG0000(	132.5943	551.1181	-2.048	1.56E-20	1.35E-19	ATRNL1	chr10	+	1.17E+08	1.18E+08	8479
ENSG0000(	532.6615	666.2697	-0.32322	0.010149	0.021313	HPS1	chr10	-	1E+08	1E+08	3703
ENSG0000(	178.4185	432.8387	-1.2744	1.08E-09	4.96E-09	PHYH	chr10	-	13319796	13344412	1829
ENSG0000(	60.36509	330.8303	-2.4462	1.20E-25	1.28E-24	RASSF4	chr10	+	45454855	45490172	4350
ENSG0000(	788.8499	652.1403	0.27384	0.080011	0.13353	DNMBP	chr10	-	1.02E+08	1.02E+08	6472
ENSG0000(	233.4039	202.8617	0.20096	0.22776	0.32081	RAB11FIP2	chr10	-	1.2E+08	1.2E+08	6061
ENSG0000(	556.8972	1156.521	-1.0499	2.95E-06	1.00E-05	CXCL12	chr10	-	44793038	44881941	3532
ENSG0000(	928.3245	702.2688	0.40203	0.001467	0.00355	ERLIN1	chr10	-	1.02E+08	1.02E+08	5792
ENSG0000(	7531.197	9378.45	-0.31608	0.003033	0.006984	EIF3A	chr10	-	1.21E+08	1.21E+08	5472
ENSG0000(	0.653381	2.309719	-1.3949	0.3517	0.456	PKD2L1	chr10	-	1.02E+08	1.02E+08	3043
ENSG0000(	396.9503	5.254758	6.1547	1.35E-56	3.65E-55	CUBN	chr10	-	16865963	17171830	11949
ENSG0000(	167.8478	215.8837	-0.36126	0.19717	0.28518	TRDMT1	chr10	-	17184253	17244053	8230
ENSG0000(	0	2.497501	-2.5327	0.1357	0.20884	RBP3	chr10	-	48381487	48390991	4276
ENSG0000(	3.133327	2.278164	0.38095	0.73289	0.80267	GDF10	chr10	-	48425815	48438976	2458
ENSG0000(	738.9884	866.4249	-0.22868	0.11284	0.1791	DDX50	chr10	+	70661034	70706603	2538
ENSG0000(	589.1378	734.3473	-0.31752	0.009812	0.020654	MAPK8	chr10	+	49514698	49647403	5796
ENSG0000(	1422.383	1000.456	0.50728	0.000866	0.002171	SEC23IP	chr10	+	1.22E+08	1.22E+08	4656
ENSG0000(	379.7761	339.6011	0.16124	0.2407	0.33555	ATE1	chr10	-	1.23E+08	1.24E+08	4900

ENSG0000(	349.2433	757.9796	-1.117	4.07E-18	3.14E-17	NSMCE4A	chr10	-	1.24E+08	1.24E+08	2399
ENSG0000(	546.3187	641.1554	-0.2317	0.07581	0.12757	PLEKHA1	chr10	+	1.24E+08	1.24E+08	8619
ENSG0000(	315.4559	1467.017	-2.2151	1.66E-65	5.49E-64	PALD1	chr10	+	72238577	72328205	4555
ENSG0000(	5407.783	3228.475	0.74326	6.73E-09	2.89E-08	UNC5B	chr10	+	72972327	73062621	6841
ENSG0000(	187.0471	106.0768	0.81105	0.00127	0.003098	CDH23	chr10	+	73156691	73575702	10085
ENSG0000(	13.25703	1.652581	2.8259	0.000814	0.002047	C10orf54	chr10	-	73507316	73533255	4689
ENSG0000(	5.528515	279.207	-5.5478	1.01E-32	1.43E-31	SPOCK2	chr10	-	73818793	73848790	5445
ENSG0000(	1072.835	509.2381	1.0739	4.18E-19	3.36E-18	MICU1	chr10	-	74127098	74385899	2425
ENSG0000(	1252.519	536.4673	1.2214	1.27E-21	1.15E-20	PPP3CB	chr10	-	75196186	75255782	3501
ENSG0000(	905.5817	272.1805	1.7295	6.19E-22	5.68E-21	CCSER2	chr10	+	86088342	86278273	7664
ENSG0000(	752.3742	2052.822	-1.4469	4.33E-42	8.03E-41	BMPR1A	chr10	+	88516407	88684945	3605
ENSG0000(	459.4898	375.1672	0.29111	0.029095	0.055227	MINPP1	chr10	+	89264632	89313217	2415
ENSG0000(	290.2645	15.98998	4.1305	3.39E-24	3.43E-23	ACTA2	chr10	-	90694831	90751147	1756
ENSG0000(	650.6764	247.9231	1.3898	8.87E-19	7.03E-18	LIPA	chr10	-	90973326	91174314	2782
ENSG0000(	0.580602	1.012429	-0.48451	0.77505	NA	TLX1	chr10	+	1.03E+08	1.03E+08	3910
ENSG0000(	316.1764	1056.362	-1.7346	5.72E-21	5.04E-20	C10orf2	chr10	+	1.03E+08	1.03E+08	3175
ENSG0000(	2665.881	3283.272	-0.29992	0.084603	0.1402	LZTS2	chr10	+	1.03E+08	1.03E+08	5741
ENSG0000(	2687.263	82.57715	5.0191	9.36E-273	3.75E-270	SFXN3	chr10	+	1.03E+08	1.03E+08	3095
ENSG0000(	1209.146	249.2806	2.2728	1.12E-55	2.94E-54	KAZALD1	chr10	+	1.03E+08	1.03E+08	1913
ENSG0000(	465.6797	1016.854	-1.1247	1.63E-12	9.11E-12	FBXW4	chr10	-	1.03E+08	1.03E+08	3183
ENSG0000(	0.72616	243.0612	-7.5978	8.41E-14	5.09E-13	FGF8	chr10	-	1.04E+08	1.04E+08	1197
ENSG0000(	556.674	1931.232	-1.7938	1.30E-57	3.58E-56	NPM3	chr10	-	1.04E+08	1.04E+08	877
ENSG0000(	1650.723	1496.973	0.14112	0.15166	0.22919	TNKS2	chr10	+	93558069	93625033	6157
ENSG0000(	9.92932	7.340307	0.41885	0.57134	0.66851	PITX3	chr10	-	1.04E+08	1.04E+08	1391
ENSG0000(	3377.328	1264.306	1.4163	8.46E-38	1.40E-36	GBF1	chr10	+	1.04E+08	1.04E+08	6403
ENSG0000(	2861.722	814.9753	1.8088	1.68E-26	1.87E-25	ARHGAP21	chr10	-	24872538	25012597	7167
ENSG0000(	32.33629	43.56442	-0.42482	0.36156	0.46574	CPEB3	chr10	-	93806449	94050844	7664
ENSG0000(	195.2636	335.5243	-0.77759	0.001006	0.002493	FBXL15	chr10	+	1.04E+08	1.04E+08	2362
ENSG0000(	1198.004	788.7237	0.60158	0.000496	0.001288	CUEDC2	chr10	-	1.04E+08	1.04E+08	1191
ENSG0000(	691.6703	345.5442	0.99567	8.48E-05	0.000244	SUFU	chr10	+	1.04E+08	1.04E+08	5001
ENSG0000(	356.5533	198.5431	0.84477	6.56E-06	2.15E-05	ANKRD26	chr10	-	27280843	27389421	6591
ENSG0000(	388.1114	321.702	0.27007	0.11851	0.18697	ACBD5	chr10	-	27484146	27531059	3918
ENSG0000(	160.3992	454.0205	-1.4948	1.51E-09	6.86E-09	LHPP	chr10	+	1.26E+08	1.26E+08	1622
ENSG0000(	1239.263	1104.783	0.16556	0.11343	0.17987	LARP4B	chr10	-	855484	977564	5640
ENSG0000(	1385.335	1675.438	-0.27349	0.10108	0.16298	GTPBP4	chr10	+	1034338	1065876	4696
ENSG0000(	363.5736	381.3359	-0.06707	0.70114	0.77763	C10orf137	chr10	+	1.27E+08	1.27E+08	4387
ENSG0000(	682.8131	1025.101	-0.58375	0.003313	0.007587	BCCIP	chr10	+	1.28E+08	1.28E+08	2338
ENSG0000(	360.7129	524.9171	-0.53884	0.000126	0.000355	MTPAP	chr10	-	30598730	30663377	5947
ENSG0000(	11.30626	71.42861	-2.5851	5.19E-06	1.72E-05	NEURL	chr10	+	1.05E+08	1.05E+08	4314
ENSG0000(	4972.758	584.0881	3.0783	1.76E-47	3.76E-46	SH3PXD2A	chr10	-	1.05E+08	1.06E+08	11468
ENSG0000(	1142.67	459.1232	1.314	6.77E-30	8.60E-29	PITRM1	chr10	-	3179920	3215003	3457
ENSG0000(	324.7289	216.8451	0.57857	0.006294	0.013749	OBFC1	chr10	-	1.06E+08	1.06E+08	1417
ENSG0000(	18.26834	152.2658	-3.0276	1.34E-19	1.11E-18	MAP3K8	chr10	+	30722866	30750762	3096
ENSG0000(	1525.613	11.9006	6.3997	1.15E-10	5.66E-10	DKK1	chr10	+	54074056	54077802	1790
ENSG0000(	1481.025	74.81132	4.2867	2.45E-91	1.24E-89	EBF3	chr10	-	1.32E+08	1.32E+08	4375
ENSG0000(	1132.006	1439.729	-0.34656	0.002061	0.004867	GLRX3	chr10	+	1.32E+08	1.32E+08	1921
ENSG0000(	78.40393	115.382	-0.55487	0.011589	0.02402	SORCS1	chr10	-	1.08E+08	1.09E+08	7272
ENSG0000(	1645.69	905.8264	0.86115	2.19E-12	1.22E-11	FAM208B	chr10	+	5726801	5805703	8626
ENSG0000(	2162.668	870.2295	1.3126	7.39E-24	7.38E-23	XPNPEP1	chr10	-	1.12E+08	1.12E+08	4384
ENSG0000(	1192.636	1737.872	-0.54	0.038872	0.071565	SMC3	chr10	+	1.12E+08	1.12E+08	4114
ENSG0000(	695.1229	264.7954	1.3923	8.33E-22	7.61E-21	SHOC2	chr10	+	1.13E+08	1.13E+08	3943
ENSG0000(	471.61	1239.946	-1.3894	6.80E-11	3.41E-10	TFAM	chr10	+	60144782	60158981	5414
ENSG0000(	1299.309	1284.806	0.016288	0.9218	0.94748	CCDC6	chr10	-	61548521	61666414	5811
ENSG0000(	707.3886	508.1942	0.47667	0.004158	0.00937	CUL2	chr10	-	35297479	35379570	4440
ENSG0000(	1775.908	1202.027	0.56169	7.92E-06	2.58E-05	CCNY	chr10	+	35535953	35860852	3960
ENSG0000(	4069.684	7276.706	-0.83738	6.85E-11	3.44E-10	UBE2S	chr19	-	55912652	55919145	1009
ENSG0000(	11552.84	14130.11	-0.29028	0.003452	0.007886	RPL28	chr19	+	55896713	55914612	5620
ENSG0000(	5872.914	2399.985	1.2896	3.77E-29	4.65E-28	ZMIZ1	chr10	+	80828792	81076276	7546
ENSG0000(	86.14263	13.80823	2.5898	1.68E-11	8.78E-11	DNAJC12	chr10	-	69556427	69597924	1197
ENSG0000(	831.9473	1479.546	-0.82919	8.28E-10	3.85E-09	PPIF	chr10	+	81107225	81115093	2190
ENSG0000(	121.9936	58.6729	1.0536	0.00089	0.002227	PBLD	chr10	-	70042417	70092684	2587
ENSG0000(	2233.783	1891.239	0.23989	0.007967	0.017031	TSPAN14	chr10	+	82213922	82282387	5691
ENSG0000(	1.991846	1.40169	0.44895	0.73066	0.80113	LGI1	chr10	+	95517566	95557916	2290
ENSG0000(	294.2765	75.03698	1.9683	1.56E-22	1.48E-21	TBC1D12	chr10	+	96162261	96295687	5272
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	CYP2C18	chr10	+	96443251	96495947	2418

ENSG0000(	0.653381	0.343138	0.51863	0.76794	NA	CRYBA1	chr17	+	27573881	27581512	783
ENSG0000(	1439.486	2761.874	-0.93955	3.24E-25	3.42E-24	NUFIP2	chr17	-	27582854	27621136	10850
ENSG0000(	1457.137	1550.906	-0.08997	0.50818	0.61171	GIT1	chr17	-	27900487	27921072	3768
ENSG0000(	256.724	282.9075	-0.1411	0.40842	0.51325	TADA2A	chr17	+	35766965	35839835	4253
ENSG0000(	858.4946	1026.716	-0.25758	0.027721	0.052948	AATF	chr17	+	35306175	35414171	2141
ENSG0000(	202.6082	634.3229	-1.6427	5.36E-20	4.52E-19	DHRS11	chr17	+	34948228	34957235	4505
ENSG0000(	235.6974	453.1967	-0.93903	1.29E-10	6.33E-10	ZNHIT3	chr17	+	34842473	34855154	4421
ENSG0000(	1865.174	1074.096	0.79456	4.73E-07	1.74E-06	MLLT6	chr17	+	36861795	36886056	7578
ENSG0000(	1574.256	1795.516	-0.18912	0.088625	0.14586	PSMB3	chr17	+	36908989	36920484	773
ENSG0000(	345.7379	286.5488	0.27073	0.25055	0.34709	CWC25	chr17	-	36957340	36981734	2581
ENSG0000(	8353.713	11981.14	-0.5198	1.45E-07	5.58E-07	RPL19	chr17	+	37356536	37360980	1303
ENSG0000(	162.7664	129.7406	0.32479	0.17466	0.25778	FBXL20	chr17	-	37415384	37558776	2445
ENSG0000(	3.411649	61.56557	-3.9877	2.73E-10	1.31E-09	RUNDC3A	chr17	+	42385781	42396039	3686
ENSG0000(	2287.089	2723.958	-0.25124	0.21071	0.30092	UBTF	chr17	-	42282401	42298994	4997
ENSG0000(	0.685084	0.357707	0.4822	0.78686	NA	CSF3	chr17	+	38171614	38174066	1673
ENSG0000(	3292.644	4940.436	-0.58469	2.09E-08	8.64E-08	PSMD3	chr17	+	38137050	38154213	2888
ENSG0000(	2195.267	2651.591	-0.27252	0.003549	0.00809	CASC3	chr17	+	38296571	38328436	4116
ENSG0000(	213.3187	330.4852	-0.63341	0.000187	0.000516	RAPGEFL1	chr17	+	38333263	38351908	3727
ENSG0000(	18.76761	11.75256	0.66877	0.20034	0.289	RGS9	chr17	+	63133549	63223821	2387
ENSG0000(	0	103.0517	-8.0702	2.16E-12	1.20E-11	RNF43	chr17	-	56429861	56494956	5575
ENSG0000(	61.38073	356.5881	-2.5186	1.34E-16	9.59E-16	WNT3	chr17	-	44839872	44910520	3355
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	ASPA	chr17	+	3375668	3406713	5431
ENSG0000(	138.9283	174.1818	-0.32111	0.15422	0.23248	RAD51C	chr17	+	56769934	56811703	2077
ENSG0000(	29.91796	47.43931	-0.66009	0.080659	0.13449	4-Sep	chr17	-	56597611	56618179	3544
ENSG0000(	1194.159	623.5623	0.93565	9.99E-16	6.82E-15	MTMR4	chr17	-	56566898	56595266	5839
ENSG0000(	554.0118	1244.622	-1.1667	1.74E-24	1.79E-23	TRIM37	chr17	-	57059999	57184282	4391
ENSG0000(	1.866827	6.238048	-1.5647	0.10639	0.17014	P2RX1	chr17	-	3799886	3819794	2945
ENSG0000(	494.7052	674.6869	-0.44565	0.006872	0.014899	DHX40	chr17	+	57642886	57685706	3724
ENSG0000(	88.62778	142.9876	-0.68846	0.002302	0.005392	TUBD1	chr17	-	57936851	57970304	2472
ENSG0000(	6408.558	6023.061	0.089252	0.66706	0.74973	KPNB1	chr17	+	45726842	45762871	6139
ENSG0000(	418.818	196.8945	1.0874	7.75E-07	2.79E-06	GOSR2	chr17	+	45000483	45105003	2202
ENSG0000(	42.72975	53.8691	-0.33016	0.27271	0.37225	PNPO	chr17	+	46018872	46025654	2397
ENSG0000(	481.7831	281.5711	0.77502	1.79E-06	6.27E-06	RPS6KB1	chr17	+	57970447	58027925	5375
ENSG0000(	117.2842	109.144	0.10237	0.70152	0.77787	TRIM16L	chr17	+	18601311	18639431	3189
ENSG0000(	3.382552	0.951736	1.5275	0.22389	0.31631	ZNF29P	chr17	+	15578790	15578957	168
ENSG0000(	682.7424	473.3891	0.52596	0.000209	0.000572	CDK5RAP3	chr17	+	46045176	46059140	2759
ENSG0000(	3296.486	3927.383	-0.2524	0.003838	0.008695	CBX1	chr17	-	46147414	46178883	2422
ENSG0000(	285.2674	581.5689	-1.0269	1.39E-14	8.88E-14	RECQL5	chr17	-	73622925	73663269	3710
ENSG0000(	173.7172	200.4016	-0.20519	0.23773	0.33215	PIGL	chr17	+	16120523	16252115	1345
ENSG0000(	665.9059	624.6985	0.091441	0.6456	0.73235	GALK1	chr17	-	73747675	73761792	1866
ENSG0000(	338.2502	481.2839	-0.5081	0.005243	0.011636	INTS2	chr17	-	59942731	60005377	5878
ENSG0000(	290.4766	94.56783	1.6081	7.81E-14	4.75E-13	CAMTA2	chr17	-	4871287	4890960	4777
ENSG0000(	1342.555	658.3755	1.0262	4.39E-09	1.91E-08	MED13	chr17	-	60019966	60142643	10465
ENSG0000(	18.97559	2.745103	2.5638	0.009546	0.020129	HOXB6	chr17	-	46671639	46682354	3434
ENSG0000(	49.93748	248.6672	-2.3035	2.84E-26	3.12E-25	ENO3	chr17	+	4851387	4860426	1521
ENSG0000(	10443.71	13137.08	-0.33052	0.00747	0.016074	PFN1	chr17	-	4848947	4852356	1291
ENSG0000(	622.1395	1827.271	-1.5503	4.22E-30	5.40E-29	RNF167	chr17	+	4843303	4848517	1915
ENSG0000(	1311.753	1408.115	-0.10246	0.35177	0.456	SLC25A11	chr17	-	4840425	4843546	2176
ENSG0000(	8.870805	110.8734	-3.6059	9.22E-15	5.95E-14	RASD1	chr17	-	17397751	17399709	1746
ENSG0000(	6.204226	10.67628	-0.74194	0.39103	0.49548	CHRNE	chr17	-	4801069	4806369	2455
ENSG0000(	3111.847	904.4803	1.7768	2.57E-20	2.20E-19	RAI1	chr17	+	17584787	17714767	7662
ENSG0000(	688.6739	967.9475	-0.48993	0.002455	0.005729	NUP88	chr17	-	5264258	5323480	2916
ENSG0000(	1758.12	3919.267	-1.1543	2.50E-15	1.67E-14	C1QBP	chr17	-	5336097	5352150	1169
ENSG0000(	0.36308	3.930745	-2.8174	0.041384	0.075485	SLC6A4	chr17	-	28521337	28563020	6543
ENSG0000(	1074.945	1121.373	-0.06102	0.54297	0.64351	BLMH	chr17	-	28575218	28619074	2360
ENSG0000(	2385.165	1404.798	0.76221	3.14E-07	1.18E-06	CPD	chr17	+	28705923	28797007	9394
ENSG0000(	1011.456	833.8134	0.2781	0.027354	0.052333	GOSR1	chr17	+	28804380	28854610	6039
ENSG0000(	884.1657	1031.185	-0.22119	0.17344	0.25623	CCDC47	chr17	-	61822610	61853711	3466
ENSG0000(	68.59367	27.08944	1.3352	0.00029	0.000778	MED31	chr17	-	6546635	6554954	1654
ENSG0000(	679.1144	772.7701	-0.18615	0.11044	0.17565	DRG2	chr17	+	17991200	18011285	5342
ENSG0000(	1539.236	1939.963	-0.33303	0.041924	0.076361	FTSJ3	chr17	-	61896793	61907372	3559
ENSG0000(	420.4529	315.1435	0.4154	0.013334	0.027328	AKAP10	chr17	-	19807615	19881656	4072
ENSG0000(	1.576526	4.94559	-1.4567	0.17508	0.25827	ALDH3A1	chr17	-	19641297	19652256	2144
ENSG0000(	1742.327	2738.968	-0.65174	4.48E-07	1.65E-06	SMARCD2	chr17	-	61909444	61920425	2716
ENSG0000(	248.9966	802.0669	-1.6851	1.03E-37	1.70E-36	SYNGR2	chr17	+	76164639	76169608	3036

ENSG0000(	176.2989	190.224	-0.11057	0.64813	0.73416	B9D1	chr17	-	19240867	19281495	1353
ENSG0000(	787.0811	1061.488	-0.43077	0.000974	0.002421	UTP6	chr17	-	30187923	30228784	4387
ENSG0000(	8980.875	5909.779	0.60106	0.012025	0.024859	DDX5	chr17	-	62495734	62504317	3558
ENSG0000(	209.9096	416.852	-0.98595	9.15E-10	4.24E-09	C17orf75	chr17	-	30651584	30677042	1642
ENSG0000(	1149.888	474.5939	1.2711	1.27E-09	5.82E-09	CYTH1	chr17	-	76670130	76778379	4423
ENSG0000(	2308.921	2770.507	-0.26235	0.090259	0.14813	PSMD11	chr17	+	30771279	30810336	4098
ENSG0000(	750.3128	740.7822	0.018241	0.87122	0.91007	LGALS3BP	chr17	-	76967320	76976191	2405
ENSG0000(	238.9498	48.10765	2.2965	2.16E-15	1.45E-14	ASIC2	chr17	-	31340105	32501983	3443
ENSG0000(	13.37088	0	5.368	1.01E-05	3.22E-05	CCL7	chr17	+	32597240	32599261	810
ENSG0000(	296.1302	23.63463	3.6376	2.20E-51	5.23E-50	CCL2	chr17	+	32582237	32584222	996
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CCL1	chr17	-	32687347	32690250	592
ENSG0000(	67.24079	107.8984	-0.67492	0.007298	0.015728	PEX12	chr17	-	33901814	33905882	2675
ENSG0000(	3.22583	1.903472	0.65563	0.57523	0.6721	HNF1B	chr17	-	36046434	36105237	3481
ENSG0000(	7.935682	57.36695	-2.7996	3.30E-08	1.34E-07	DHX58	chr17	-	40253422	40264751	2617
ENSG0000(	505.8183	796.4285	-0.65443	1.65E-07	6.33E-07	KAT2A	chr17	-	40265126	40273376	3109
ENSG0000(	454.9686	326.1075	0.47969	0.001481	0.00358	RAB5C	chr17	-	40276994	40307035	1771
ENSG0000(	528.768	350.3016	0.59293	9.94E-06	3.19E-05	NAGLU	chr17	+	40688190	40696467	2544
ENSG0000(	13.39321	13.08228	0.032104	0.95854	0.97496	HSD17B1P	chr17	+	40698782	40700724	955
ENSG0000(	39.97906	27.60189	0.5174	0.22664	0.31956	HSD17B1	chr17	+	40701232	40707231	4982
ENSG0000(	663.4954	445.2805	0.57413	0.003713	0.008429	MLX	chr17	+	40719086	40725257	2586
ENSG0000(	1407.035	287.9506	2.2755	2.17E-17	1.62E-16	CNTNAP1	chr17	+	40834631	40851832	5276
ENSG0000(	23.58015	15.54406	0.59292	0.26696	0.36563	ABI3	chr17	+	47287589	47300587	2109
ENSG0000(	392.9376	337.1091	0.21872	0.4847	0.58873	EZH1	chr17	-	40852293	40897071	4623
ENSG0000(	0	8.516212	-4.7134	0.000233	0.000632	DLX4	chr17	+	48046334	48052321	2032
ENSG0000(	3073.046	445.795	2.7697	3.82E-26	4.17E-25	PPP1R9B	chr17	-	48211104	48227991	4158
ENSG0000(	663285.1	700.2314	9.8749	0	0	COL1A1	chr17	-	48260650	48278993	6727
ENSG0000(	4.834058	3.480792	0.42646	0.64597	0.73254	SGCA	chr17	+	48241575	48253292	1432
ENSG0000(	624.4061	646.8361	-0.0502	0.78288	0.84448	MRPL27	chr17	-	48445218	48450575	2441
ENSG0000(	6300.899	6763.686	-0.10215	0.42409	0.52946	VAT1	chr17	-	41166622	41177140	2734
ENSG0000(	4466.307	1921.016	1.2164	3.37E-41	6.10E-40	LRRC59	chr17	-	48452420	48474914	2910
ENSG0000(	171.7075	1854.251	-3.4305	1.17E-123	9.60E-122	RND2	chr17	+	41177258	41184057	4154
ENSG0000(	35.19806	35.08856	0.000987	0.9978	0.99894	ALOX12	chr17	+	6899384	6914055	2358
ENSG0000(	2004.483	2891.411	-0.52751	0.001427	0.003458	HDAC5	chr17	-	42154114	42201070	5326
ENSG0000(	22.84201	2.66501	2.9855	1.62E-05	5.08E-05	ABCC3	chr17	+	48712138	48769613	5716
ENSG0000(	1912.983	2427.193	-0.3429	0.003167	0.007277	LUC7L3	chr17	+	48796905	48833574	7040
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	PPY	chr17	-	42018172	42019836	563
ENSG0000(	269.9432	847.3827	-1.6451	2.05E-24	2.10E-23	MPP2	chr17	-	41952725	41987068	4414
ENSG0000(	999.1455	519.7954	0.94158	7.93E-17	5.75E-16	SMURF2	chr17	-	62538413	62658186	5892
ENSG0000(	617.1303	573.4335	0.10693	0.39596	0.5005	DUSP3	chr17	-	41843489	41856356	4110
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	CACNG1	chr17	+	65040706	65052909	1262
ENSG0000(	2604.186	3212.768	-0.30224	0.037148	0.068724	EFTUD2	chr17	-	42927311	42977030	4548
ENSG0000(	0.923144	6.658863	-2.485	0.023228	0.045189	HLF	chr17	+	53342373	53402426	5547
ENSG0000(	4.139601	7.123386	-0.70151	0.4698	0.57455	SLC16A6	chr17	-	66263167	66287408	3807
ENSG0000(	5808.147	2077.658	1.4823	1.11E-58	3.13E-57	PRKAR1A	chr17	+	66409764	66547460	4256
ENSG0000(	432.044	439.5954	-0.0259	0.86855	0.90849	EFNB3	chr17	+	7608520	7614696	3222
ENSG0000(	82.51355	59.53822	0.4691	0.15204	0.22966	FAM20A	chr17	-	66531254	66597530	3668
ENSG0000(	8669.806	12478.27	-0.52495	3.18E-09	1.40E-08	YWHAE	chr17	-	1247566	1303672	2211
ENSG0000(	5.374398	5.813943	-0.1018	0.90731	0.93617	AC016292.	chr17	-	1761333	1761740	408
ENSG0000(	305.6417	413.3146	-0.43362	0.042431	0.077177	MMD	chr17	-	53469974	53499353	2735
ENSG0000(	2.250445	3.365854	-0.49745	0.66535	0.74853	RANGRF	chr17	+	8191815	8193410	1140
ENSG0000(	260.0826	334.7826	-0.36489	0.017999	0.035878	DPH1	chr17	+	1933404	1946724	2607
ENSG0000(	125.3621	379.0297	-1.5956	1.63E-18	1.28E-17	MAP2K6	chr17	+	67410839	67539472	3076
ENSG0000(	165.5451	220.8855	-0.41373	0.016161	0.032514	DHRS7B	chr17	+	21026677	21096578	2175
ENSG0000(	2459.853	1372.975	0.84052	3.06E-16	2.15E-15	WSB1	chr17	+	25621102	25640657	4187
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	MYH1	chr17	-	10395624	10421860	6024
ENSG0000(	1100.275	2132.257	-0.95365	2.57E-22	2.40E-21	SLC9A3R1	chr17	+	72744791	72765492	1969
ENSG0000(	27.17762	42.35615	-0.63606	0.11927	0.18793	MYH3	chr17	-	10531843	10560626	6037
ENSG0000(	545.1541	672.8755	-0.30336	0.047989	0.085835	NAT9	chr17	-	72766686	72772506	1993
ENSG0000(	1271.056	439.7791	1.5271	3.50E-16	2.44E-15	TMEM104	chr17	+	72772622	72835918	4745
ENSG0000(	8.57969	10.01344	-0.22193	0.75714	0.8234	SEBOX	chr17	-	26691290	26700110	2149
ENSG0000(	1506.153	383.0475	1.9707	4.45E-36	6.97E-35	TNFAIP1	chr17	+	26662628	26674035	3627
ENSG0000(	295.6533	129.5161	1.1916	5.71E-09	2.47E-08	IFT20	chr17	-	26655352	26662515	1485
ENSG0000(	1034.244	1457.319	-0.49214	0.046517	0.083551	TMEM97	chr17	+	26646121	26655707	2564
ENSG0000(	1590.455	1092.998	0.53987	0.000102	0.000291	CDR2L	chr17	+	72983727	73001895	3536
ENSG0000(	857.2128	39.66429	4.4173	4.11E-93	2.15E-91	PMP22	chr17	-	15133095	15168643	1817

ENSG0000(	0.580602	0	0.8036	0.6494	NA	FOXN1	chr17	+	26833261	26865914	3436
ENSG0000(	560.8912	798.6925	-0.50864	0.001744	0.004168	UNC119	chr17	-	26873725	26879686	4189
ENSG0000(	417.7139	821.376	-0.97062	6.91E-05	0.000201	ALDOC	chr17	-	26900133	26904282	1982
ENSG0000(	3261.923	2654.849	0.29646	0.10203	0.16412	SUPT6H	chr17	+	26989109	27029697	6518
ENSG0000(	2737.395	2575.538	0.087936	0.52683	0.62862	RAB34	chr17	-	27041299	27045447	1736
ENSG0000(	899.3159	939.9656	-0.06363	0.66377	0.74709	PHF12	chr17	-	27232268	27278789	7679
ENSG0000(	1057.646	1362.101	-0.36484	0.002423	0.005659	TMEM33	chr4	+	41937137	41962589	7482
ENSG0000(	0	1.920457	-2.1803	0.20711	0.29682	GABRA4	chr4	-	46920917	46996424	11973
ENSG0000(	2.738544	0.343138	2.2473	0.13479	0.20777	GNRHR	chr4	-	68605046	68620078	2164
ENSG0000(	1299.472	430.8672	1.5883	2.94E-21	2.62E-20	SLAIN2	chr4	+	48343339	48428229	6299
ENSG0000(	989.5507	1225.788	-0.30764	0.019941	0.039368	OCIAD1	chr4	+	48807229	48863834	1916
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	CWH43	chr4	+	48988264	49064098	2472
ENSG0000(	465.3681	350.1045	0.41127	0.006359	0.013877	DCUN1D4	chr4	+	52709166	52783003	4840
ENSG0000(	1090.188	1001.52	0.12245	0.26239	0.3606	USP46	chr4	-	53460340	53525502	4752
ENSG0000(	0.632843	1.029414	-0.43867	0.79644	NA	ODAM	chr4	+	71062213	71070293	1319
ENSG0000(	195.7485	115.8496	0.75718	0.000638	0.001632	CHIC2	chr4	-	54875956	54930857	1194
ENSG0000(	2.334388	653.8007	-7.9374	1.99E-47	4.23E-46	NMU	chr4	-	56461396	56502865	816
ENSG0000(	1640.889	842.5945	0.95951	4.35E-10	2.06E-09	KIAA1211	chr4	+	57036361	57194791	4628
ENSG0000(	319.0835	272.7132	0.22746	0.25689	0.35438	LAMTOR3	chr4	-	1.01E+08	1.01E+08	4226
ENSG0000(	810.571	166.0156	2.2802	1.16E-48	2.57E-47	NFKB1	chr4	+	1.03E+08	1.04E+08	4085
ENSG0000(	4.979616	0	3.891	0.005132	0.011411	AREG	chr4	+	75310851	75320726	1240
ENSG0000(	866.0168	693.6281	0.31936	0.066366	0.11381	MANBA	chr4	-	1.04E+08	1.04E+08	7429
ENSG0000(	4254.236	4824.047	-0.18109	0.044898	0.080934	UBE2D3	chr4	-	1.04E+08	1.04E+08	4819
ENSG0000(	7.250598	30.08872	-2.0056	0.000139	0.00039	MAPK10	chr4	-	86936276	87515284	4107
ENSG0000(	468.4627	473.243	-0.01444	0.90579	0.93506	ELF2	chr4	-	1.4E+08	1.4E+08	4012
ENSG0000(	460.4581	585.047	-0.34584	0.007215	0.015571	NDUFC1	chr4	-	1.4E+08	1.4E+08	1257
ENSG0000(	0	3.351285	-3.2746	0.028086	0.053569	UCP1	chr4	-	1.41E+08	1.41E+08	1462
ENSG0000(	1132.169	24.22375	5.5208	3.63E-103	2.18E-101	TBC1D9	chr4	-	1.42E+08	1.42E+08	5306
ENSG0000(	364.0289	649.1543	-0.83395	2.38E-06	8.19E-06	ZNF330	chr4	+	1.42E+08	1.42E+08	1899
ENSG0000(	1046.083	11.36572	6.4977	3.38E-120	2.66E-118	INPP4B	chr4	-	1.43E+08	1.44E+08	8831
ENSG0000(	212.9205	255.959	-0.26631	0.16456	0.24541	GAB1	chr4	+	1.44E+08	1.44E+08	7981
ENSG0000(	371.0324	153.6761	1.2706	4.21E-16	2.93E-15	KLHL2	chr4	+	1.66E+08	1.66E+08	3134
ENSG0000(	1886.083	318.4192	2.5629	9.13E-77	3.67E-75	CPE	chr4	+	1.66E+08	1.66E+08	2421
ENSG0000(	4340.402	5375.258	-0.30821	0.002297	0.005382	RPL34	chr4	+	1.1E+08	1.1E+08	2627
ENSG0000(	1268.216	1001.198	0.34019	0.027992	0.053407	WFS1	chr4	+	6271576	6304992	3655
ENSG0000(	2.656392	0	2.8491	0.072291	0.12249	ANXA10	chr4	+	1.69E+08	1.69E+08	1417
ENSG0000(	495.0468	544.3681	-0.13657	0.42045	0.5259	GRPEL1	chr4	-	7060633	7069924	2775
ENSG0000(	698.5193	702.2545	-0.00748	0.97276	0.98486	GAR1	chr4	+	1.11E+08	1.11E+08	1224
ENSG0000(	421.1226	424.1508	-0.00767	0.96345	0.97847	FRG1	chr4	+	1.91E+08	1.91E+08	1074
ENSG0000(	1110.636	817.7096	0.44108	0.002492	0.00581	CLCN3	chr4	+	1.71E+08	1.71E+08	6692
ENSG0000(	776.6012	191.5411	2.0155	2.54E-24	2.59E-23	AADAT	chr4	-	1.71E+08	1.71E+08	2261
ENSG0000(	845.3445	1339.683	-0.66247	5.84E-05	0.000171	GALNT7	chr4	+	1.74E+08	1.74E+08	4307
ENSG0000(	2553.872	3824.291	-0.58144	0.000104	0.000297	DHX15	chr4	-	24519064	24586173	3028
ENSG0000(	32.50915	100.0718	-1.6093	7.66E-07	2.76E-06	SOD3	chr4	+	24791534	24802464	1526
ENSG0000(	97.50454	98.10839	-0.01068	0.96335	0.97842	SEPSECS	chr4	-	25121627	25162204	5496
ENSG0000(	6.992	33.45545	-2.2141	3.50E-05	0.000105	CPZ	chr4	+	8594387	8621488	3718
ENSG0000(	747.1715	1106.334	-0.56402	0.003672	0.008347	TRIM2	chr4	+	1.54E+08	1.54E+08	6735
ENSG0000(	3.64115	2.07098	0.75026	0.48906	0.59308	SLC2A9	chr4	-	9772777	10056560	2175
ENSG0000(	411.493	370.8539	0.14914	0.38616	0.49044	FBXW7	chr4	-	1.53E+08	1.53E+08	4977
ENSG0000(	107.9997	113.7618	-0.07746	0.74424	0.81222	NEIL3	chr4	+	1.78E+08	1.78E+08	2408
ENSG0000(	147.3342	25.75985	2.4994	1.21E-20	1.05E-19	TBC1D19	chr4	+	26578059	26756973	2263
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CLNK	chr4	-	10488019	10686489	5599
ENSG0000(	4075.253	3479.746	0.22756	0.02016	0.039753	WHSC1	chr4	+	1873151	1983934	8568
ENSG0000(	1219.992	1133.106	0.10582	0.29965	0.40127	SH3D19	chr4	-	1.52E+08	1.52E+08	5284
ENSG0000(	730.3885	256.6103	1.507	2.01E-31	2.72E-30	STIM2	chr4	+	26859300	27027003	5178
ENSG0000(	7.706181	1.577319	2.0489	0.047433	0.085008	NKX3-2	chr4	-	13542454	13546674	2801
ENSG0000(	1048.966	1809.202	-0.78504	7.12E-14	4.33E-13	MFSD10	chr4	-	2932288	2936586	2173
ENSG0000(	73.41575	6.123111	3.553	4.23E-15	2.79E-14	GLRB	chr4	+	1.58E+08	1.58E+08	3126
ENSG0000(	57.98285	15.17508	1.909	3.07E-07	1.15E-06	BST1	chr4	+	15704573	15739936	1993
ENSG0000(	1046.124	747.3951	0.48427	0.001552	0.003737	RAPGEF2	chr4	+	1.6E+08	1.6E+08	6949
ENSG0000(	3.475869	3.694423	-0.09708	0.92241	0.94782	HGFAC	chr4	+	3443614	3451211	2148
ENSG0000(	502.7027	338.127	0.56874	0.024426	0.047237	SNX25	chr4	+	1.86E+08	1.86E+08	3323
ENSG0000(	51.81889	27.94094	0.87784	0.022002	0.043026	LRP2BP	chr4	-	1.86E+08	1.86E+08	5164
ENSG0000(	262.6139	262.4509	0.002827	0.98768	0.99296	UFSP2	chr4	-	1.86E+08	1.86E+08	2348
ENSG0000(	611.1089	260.2507	1.228	4.63E-12	2.51E-11	KLF3	chr4	+	38665817	38702663	5122

ENSG0000(	372.0301	304.9925	0.28467	0.059827	0.10422	KLHL5	chr4	+	39046659	39128477	3425
ENSG0000(	48.14522	192.2813	-1.9878	4.30E-16	2.99E-15	FAM149A	chr4	+	1.87E+08	1.87E+08	2997
ENSG0000(	820.6211	881.5322	-0.10222	0.44052	0.54626	NCAPG	chr4	+	17812525	17846485	4661
ENSG0000(	1987.66	1359.099	0.54801	3.34E-07	1.25E-06	UGDH	chr4	-	39500375	39529931	3216
ENSG0000(	14.03445	46.33538	-1.6961	0.000663	0.001689	PPARGC1A	chr4	-	23756664	23905712	6318
ENSG0000(	0	144.7255	-8.6021	6.21E-15	4.06E-14	DDX25	chr11	+	1.26E+08	1.26E+08	2276
ENSG0000(	2.334388	6.861215	-1.4533	0.11662	0.18433	CRYAB	chr11	-	1.12E+08	1.12E+08	1119
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	DBX1	chr11	-	20177701	20182159	1380
ENSG0000(	77.65209	459.7967	-2.5651	2.04E-45	4.12E-44	HTATIP2	chr11	+	20385231	20405329	1748
ENSG0000(	1899.371	3594.534	-0.91912	1.71E-13	1.02E-12	CTSC	chr11	-	88026760	88070955	6125
ENSG0000(	328.8675	445.3443	-0.43532	0.001989	0.004709	CCDC34	chr11	-	27352374	27385415	2109
ENSG0000(	0	5.355125	-3.932	0.005847	0.012843	ZBTB16	chr11	+	1.14E+08	1.14E+08	4427
ENSG0000(	131.2539	175.8015	-0.42152	0.047649	0.085326	ELP4	chr11	+	31531297	31805546	1961
ENSG0000(	763.3871	826.0062	-0.11249	0.49069	0.59474	ZNF259	chr11	-	1.17E+08	1.17E+08	2645
ENSG0000(	1082.376	1131.079	-0.06262	0.6043	0.69761	MTCH2	chr11	-	47638867	47664175	2587
ENSG0000(	1223.848	934.7292	0.38827	0.000587	0.001508	FNBP4	chr11	-	47738072	47788995	3969
ENSG0000(	21.60803	26.93005	-0.30866	0.45084	0.55652	TECTA	chr11	+	1.21E+08	1.21E+08	7426
ENSG0000(	1004.897	1067.833	-0.08682	0.70221	0.77846	SC5D	chr11	+	1.21E+08	1.21E+08	2456
ENSG0000(	1.370168	0.343138	1.1145	0.52721	NA	CRTAM	chr11	+	1.23E+08	1.23E+08	2469
ENSG0000(	66.36809	30.57923	1.109	0.000785	0.001979	C11orf63	chr11	+	1.23E+08	1.23E+08	2910
ENSG0000(	0.975385	741.0743	-9.1076	2.75E-38	4.63E-37	B3GAT1	chr11	-	1.34E+08	1.34E+08	6160
ENSG0000(	17882.11	18543.78	-0.05229	0.72034	0.79312	HSPA8	chr11	-	1.23E+08	1.23E+08	2463
ENSG0000(	0.36308	1.294874	-1.3442	0.40498	NA	P2RX3	chr11	+	57105848	57138073	1831
ENSG0000(	262.861	383.1664	-0.54277	0.006866	0.014888	VWA5A	chr11	+	1.24E+08	1.24E+08	4388
ENSG0000(	218.6862	218.4093	0.002894	0.99104	0.99529	DNAJC4	chr11	+	63997750	64001758	1340
ENSG0000(	159.8301	48.54224	1.7158	9.94E-13	5.64E-12	SIAE	chr11	-	1.25E+08	1.25E+08	5583
ENSG0000(	357.4092	232.9434	0.61556	4.45E-05	0.000132	SNX15	chr11	+	64781654	64808044	4713
ENSG0000(	87.72257	25.20953	1.7861	8.02E-09	3.43E-08	LPXN	chr11	-	58294344	58345693	2099
ENSG0000(	55.5474	600.7842	-3.4253	6.52E-42	1.20E-40	DTX4	chr11	+	58938903	58976060	5642
ENSG0000(	816.5974	893.3325	-0.12977	0.40179	0.50656	ATG2A	chr11	-	64662007	64684722	6376
ENSG0000(	1890.133	1089.932	0.79325	8.96E-10	4.15E-09	EHD1	chr11	-	64619114	64655768	4551
ENSG0000(	2151.347	1489.02	0.53029	1.21E-07	4.69E-07	OSBP	chr11	-	59341871	59383617	5083
ENSG0000(	180.0886	514.4123	-1.5122	4.56E-17	3.35E-16	UNC93B1	chr11	-	67758575	67772452	2315
ENSG0000(	124.9067	249.8234	-0.99725	1.18E-06	4.20E-06	PUS3	chr11	-	1.26E+08	1.26E+08	1843
ENSG0000(	266.2234	291.4843	-0.12918	0.37597	0.48003	DCPS	chr11	+	1.26E+08	1.26E+08	2467
ENSG0000(	779.6624	913.1654	-0.22799	0.049835	0.088696	SUV420H1	chr11	-	67922330	67981295	5837
ENSG0000(	419.2444	916.7332	-1.1276	2.66E-21	2.39E-20	FOXRED1	chr11	+	1.26E+08	1.26E+08	3045
ENSG0000(	1460.96	1803.595	-0.30326	0.026343	0.050565	PPP6R3	chr11	+	68228186	68382802	5119
ENSG0000(	45.31401	138.1145	-1.585	0.000409	0.001075	NRXN2	chr11	-	64373646	64490660	6621
ENSG0000(	4.357937	0.937167	1.8774	0.11909	0.18769	MS4A6A	chr11	-	59939081	59952139	2416
ENSG0000(	0.290301	0	0.4146	0.81455	NA	MS4A4A	chr11	+	60048014	60076445	1676
ENSG0000(	1246.413	227.4849	2.4458	5.43E-48	1.18E-46	ST3GAL4	chr11	+	1.26E+08	1.26E+08	1967
ENSG0000(	1359.601	1930.465	-0.50553	2.45E-05	7.49E-05	CPT1A	chr11	-	68522088	68611878	5232
ENSG0000(	11373.72	5699.377	0.99448	9.39E-09	3.99E-08	CCND1	chr11	+	69455855	69469242	4307
ENSG0000(	372.0466	726.4751	-0.96216	5.53E-06	1.83E-05	CCDC86	chr11	+	60609544	60618554	1893
ENSG0000(	1976.961	2725.988	-0.46213	0.008977	0.019032	PRPF19	chr11	-	60658202	60674060	2157
ENSG0000(	1687.095	916.7461	0.87944	3.89E-10	1.85E-09	TMEM109	chr11	+	60681346	60690915	2413
ENSG0000(	0.632843	127.8909	-7.0233	2.36E-15	1.58E-14	CCKBR	chr11	+	6280966	6293357	2138
ENSG0000(	8.890529	8.386706	0.088472	0.8901	0.92361	HPX	chr11	-	6452279	6463847	1652
ENSG0000(	590.8406	207.3666	1.5047	1.10E-14	7.08E-14	TRIM3	chr11	-	6469843	6495689	4419
ENSG0000(	550.7042	703.7163	-0.35223	0.035171	0.065428	CHORDC1	chr11	-	89934328	89956532	5361
ENSG0000(	0	3.085825	-3.0709	0.047974	0.085814	FOLR1	chr11	+	71900602	71907345	1331
ENSG0000(	27.19139	55.82756	-1.0341	0.001308	0.003188	ANAPC15	chr11	-	71817424	71823826	1481
ENSG0000(	1.814586	0	2.063	0.23747	NA	FOLR3	chr11	+	71825915	71850936	990
ENSG0000(	592.3557	590.6419	0.004392	0.98056	0.98926	PANX1	chr11	+	93862094	93915138	2769
ENSG0000(	2170.749	367.7827	2.5512	1.77E-31	2.40E-30	ARHGEF17	chr11	+	73019334	73080136	7853
ENSG0000(	0.36308	4.553913	-2.9954	0.029361	0.055698	APOA5	chr11	-	1.17E+08	1.17E+08	1929
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	APOA4	chr11	-	1.17E+08	1.17E+08	1470
ENSG0000(	920.9857	347.7555	1.4019	1.36E-28	1.64E-27	CEP164	chr11	+	1.17E+08	1.17E+08	5690
ENSG0000(	252.9206	391.6756	-0.63007	0.000241	0.000652	RNF141	chr11	-	10533225	10562777	5818
ENSG0000(	106.1161	41.12104	1.3661	8.07E-07	2.91E-06	KIAA1377	chr11	+	1.02E+08	1.02E+08	7039
ENSG0000(	19216.25	12411.03	0.62863	0.002196	0.005162	EIF4G2	chr11	-	10818597	10830657	6769
ENSG0000(	7.718159	1.591889	2.0624	0.031211	0.058719	IL10RA	chr11	+	1.18E+08	1.18E+08	5155
ENSG0000(	4.762093	89.73545	-4.1754	5.74E-16	3.96E-15	GALNT18	chr11	-	11292423	11643552	2504
ENSG0000(	833.7092	370.7393	1.1685	2.48E-21	2.22E-20	BIRC2	chr11	+	1.02E+08	1.02E+08	4073

ENSG0000(	926.41	482.0249	0.94142	9.83E-09	4.17E-08	UBE4A	chr11	+	1.18E+08	1.18E+08	6103
ENSG0000(	1.866827	2.321872	-0.24451	0.84938	0.89424	MMP12	chr11	-	1.03E+08	1.03E+08	1873
ENSG0000(	2400.588	2181.86	0.13765	0.12391	0.19396	DDX6	chr11	-	1.19E+08	1.19E+08	4538
ENSG0000(	4.75272	4.738406	0.001918	0.99836	0.99926	UPK2	chr11	+	1.19E+08	1.19E+08	958
ENSG0000(	1789.903	1746.383	0.035252	0.78713	0.84775	CBL	chr11	+	1.19E+08	1.19E+08	11465
ENSG0000(	631.5437	2507.609	-1.9868	5.62E-59	1.59E-57	PVRL1	chr11	-	1.19E+08	1.2E+08	5840
ENSG0000(	873.4845	298.9735	1.5464	2.84E-36	4.47E-35	HIPK3	chr11	+	33278218	33378569	7408
ENSG0000(	2246.977	82.80622	4.7551	5.42E-215	1.41E-212	KIAA1549L	chr11	+	33563618	33695648	11678
ENSG0000(	324.4174	279.6385	0.21533	0.18947	0.27588	FBXO3	chr11	-	33762485	33796089	7410
ENSG0000(	395.6918	487.1866	-0.29838	0.066358	0.11381	PDHX	chr11	+	34937376	35042138	2503
ENSG0000(	3.257533	9.966442	-1.5183	0.058847	0.1027	SLC1A2	chr11	-	35272753	35441610	11696
ENSG0000(	376.1855	220.8317	0.7657	0.003569	0.008131	COMMD9	chr11	-	36295051	36310999	1745
ENSG0000(	2.624689	223.0013	-6.2427	7.31E-30	9.27E-29	SLC15A3	chr11	-	60704556	60720002	4579
ENSG0000(	2.624689	9.153949	-1.6971	0.042796	0.077724	CD5	chr11	+	60869867	60895324	3221
ENSG0000(	59.23754	58.13728	0.028744	0.92275	0.94806	ACCS	chr11	+	44087475	44105772	3373
ENSG0000(	5434.747	8976.836	-0.72331	8.66E-14	5.24E-13	MDK	chr11	+	46402306	46405375	1339
ENSG0000(	805.7311	916.5299	-0.18544	0.088033	0.14506	AMBRA1	chr11	-	46417964	46615675	5351
ENSG0000(	1027.257	832.0681	0.30302	0.065317	0.11231	MADD	chr11	+	47290712	47351582	6005
ENSG0000(	11.97162	6.47437	0.84048	0.19238	0.27958	PTPMT1	chr11	+	47586982	47595013	2272
ENSG0000(	622.4888	620.6481	0.004997	0.98467	0.99115	NAA40	chr11	+	63706431	63724800	4707
ENSG0000(	747.2998	1031.054	-0.46401	0.000156	0.000433	CARS	chr11	-	3022152	3078843	5732
ENSG0000(	209.2066	117.19	0.82909	0.00829	0.017676	SLC22A18	chr11	+	2920951	2946476	2635
ENSG0000(	4148.095	2660.628	0.64049	7.44E-11	3.72E-10	CD81	chr11	+	2397407	2418649	5235
ENSG0000(	871.5572	538.6943	0.69288	4.28E-06	1.43E-05	SLC35F2	chr11	-	1.08E+08	1.08E+08	3331
ENSG0000(	1.555988	0	1.8901	0.28116	NA	C11orf21	chr11	-	2316875	2324279	2956
ENSG0000(	13.33918	9.912197	0.42741	0.52735	0.62912	ELMOD1	chr11	+	1.07E+08	1.08E+08	2852
ENSG0000(	0	5.15439	-3.8238	0.008575	0.01825	CALCA	chr11	-	14988214	14993900	1837
ENSG0000(	300.313	11.50005	4.6523	3.38E-38	5.67E-37	SOX6	chr11	-	15987995	16761138	8925
ENSG0000(	2459.041	2179.456	0.17395	0.33995	0.44385	C11orf58	chr11	+	16634679	16778428	4258
ENSG0000(	2351.951	1294.718	0.85957	5.23E-11	2.65E-10	PITPNM1	chr11	-	67259239	67273734	4225
ENSG0000(	3757.503	5308.278	-0.49791	2.07E-06	7.17E-06	RPS13	chr11	-	17095936	17099334	777
ENSG0000(	1032.729	408.1418	1.3326	5.57E-09	2.41E-08	AIP	chr11	+	67250512	67258574	1221
ENSG0000(	1871.72	2011.508	-0.1036	0.33477	0.4383	NUP98	chr11	-	3692313	3819022	6973
ENSG0000(	1209.322	1455.492	-0.26659	0.010666	0.022284	NDUFS8	chr11	+	67798084	67804111	3072
ENSG0000(	1197.424	356.8272	1.7418	7.97E-27	8.99E-26	TCIRG1	chr11	+	67806483	67818362	2677
ENSG0000(	218.8428	563.134	-1.3609	1.42E-14	9.10E-14	CHKA	chr11	-	67820326	67888911	2530
ENSG0000(	10.551	167.4174	-3.9453	1.00E-25	1.08E-24	EXPH5	chr11	-	1.08E+08	1.08E+08	10187
ENSG0000(	539.718	365.461	0.56184	5.69E-05	0.000167	HPS5	chr11	-	18300223	18343745	4717
ENSG0000(	538.4453	292.2296	0.87912	7.69E-07	2.78E-06	GTF2H1	chr11	+	18343842	18388591	2982
ENSG0000(	2.407167	260.3854	-6.6027	2.43E-28	2.91E-27	PTPN5	chr11	-	18749475	18814268	3871
ENSG0000(	5.612459	40.9746	-2.8152	1.98E-08	8.20E-08	VWF	chr12	-	6058040	6233936	8838
ENSG0000(	64.43272	23.48082	1.448	5.71E-05	0.000168	PSMD9	chr12	+	1.22E+08	1.22E+08	3051
ENSG0000(	3892.609	480.8168	3.0116	4.73E-112	3.24E-110	LEPREL2	chr12	+	6937564	6949018	3226
ENSG0000(	1720.247	192.1258	3.1575	1.95E-128	1.71E-126	PPFIBP1	chr12	+	27676364	27848497	6001
ENSG0000(	335.5143	307.3171	0.12505	0.58137	0.67777	PRPF40B	chr12	+	49962001	50038449	3602
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	CD69	chr12	-	9905082	9913497	1676
ENSG0000(	818.626	391.9039	1.062	7.58E-18	5.78E-17	PRDM4	chr12	-	1.08E+08	1.08E+08	4210
ENSG0000(	0.290301	0.686276	-0.47648	0.78935	NA	CLEC2B	chr12	-	10005583	10022735	1700
ENSG0000(	260.5164	542.3625	-1.058	4.31E-10	2.04E-09	COQ5	chr12	-	1.21E+08	1.21E+08	1535
ENSG0000(	20.7782	2.66501	2.8464	5.55E-05	0.000163	SELPLG	chr12	-	1.09E+08	1.09E+08	2528
ENSG0000(	4692.573	2132.521	1.1373	5.20E-37	8.42E-36	CORO1C	chr12	-	1.09E+08	1.09E+08	3892
ENSG0000(	323.3195	107.5538	1.5749	5.19E-11	2.63E-10	ASIC1	chr12	+	50451331	50477394	4072
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	DAO	chr12	+	1.09E+08	1.09E+08	2385
ENSG0000(	794.3572	729.0204	0.12357	0.34819	0.45248	CAPRIN2	chr12	-	30862486	30907885	6543
ENSG0000(	168.9891	161.3032	0.063198	0.78684	0.84755	TSPAN11	chr12	+	31079362	31149534	5505
ENSG0000(	2216.886	1147.5	0.94927	7.80E-16	5.35E-15	KCTD10	chr12	-	1.1E+08	1.1E+08	5355
ENSG0000(	606.7909	808.2195	-0.41307	0.000299	0.000802	SLC11A2	chr12	-	51373184	51422349	4156
ENSG0000(	5376.088	8051.61	-0.58194	6.22E-06	2.05E-05	MLEC	chr12	+	1.21E+08	1.21E+08	6626
ENSG0000(	1277.318	488.4992	1.377	6.77E-06	2.22E-05	MVK	chr12	+	1.1E+08	1.1E+08	4109
ENSG0000(	1255.666	607.3212	1.0472	5.30E-21	4.68E-20	CSRNP2	chr12	-	51454990	51477447	4469
ENSG0000(	913.1978	1192.753	-0.38506	0.010966	0.022844	CAMKK2	chr12	-	1.22E+08	1.22E+08	5598
ENSG0000(	4.584833	1.234181	1.628	0.15466	0.233	BIN2	chr12	-	51674822	51718452	2781
ENSG0000(	10.99542	36.18108	-1.6761	0.00037	0.000976	IL23A	chr12	+	56732663	56734193	1041
ENSG0000(	8060.08	13410.67	-0.73389	3.93E-13	2.29E-12	ATP5B	chr12	-	57031959	57039798	1789
ENSG0000(	3182.97	6381.574	-1.0029	3.83E-25	4.03E-24	PTGES3	chr12	-	57057127	57082159	2928

ENSG0000(	0	18.51092	-5.7317	3.87E-06	1.30E-05	SYT10	chr12	-	33527173	33592754	4461
ENSG0000(	257.7272	517.8624	-1.0035	1.22E-06	4.32E-06	BCL7A	chr12	+	1.22E+08	1.22E+08	6245
ENSG0000(	1102.422	1256.769	-0.18816	0.20857	0.29855	RSRC2	chr12	-	1.23E+08	1.23E+08	3156
ENSG0000(	5.675864	13.39057	-1.1919	0.088067	0.14509	CYP27B1	chr12	-	58156117	58161034	2540
ENSG0000(	0	2.041842	-2.4837	0.12741	0.19837	MYF6	chr12	+	81101277	81103253	1465
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	MYF5	chr12	+	81110691	81113452	1542
ENSG0000(	163.2997	134.0256	0.28284	0.15759	0.23685	LIN7A	chr12	-	81186299	81331704	6112
ENSG0000(	779.1531	4056.327	-2.3775	1.30E-80	5.50E-79	KRT18	chr12	+	53342655	53346685	2088
ENSG0000(	67.81348	347.4255	-2.347	2.64E-20	2.25E-19	ACSS3	chr12	+	81331594	81650533	4803
ENSG0000(	1649.922	98.75001	4.0543	1.10E-122	8.90E-121	TENC1	chr12	+	53440753	53458156	5010
ENSG0000(	184.842	300.0699	-0.69361	0.001588	0.003816	GLI1	chr12	+	57853918	57866045	3613
ENSG0000(	228.2898	1028.096	-2.1639	1.85E-26	2.05E-25	PPM1H	chr12	-	63037762	63328817	6353
ENSG0000(	1515.773	2259.164	-0.57434	0.000186	0.000512	METAP2	chr12	+	95867296	95909615	3601
ENSG0000(	601.9733	1673.879	-1.4739	1.15E-25	1.24E-24	LTA4H	chr12	-	96394606	96437298	6109
ENSG0000(	3139.527	389.9248	3.0049	3.01E-146	3.29E-144	ELK3	chr12	+	96588160	96663613	4205
ENSG0000(	0	13.65362	-5.3564	1.56E-05	4.89E-05	SLC6A12	chr12	-	299243	323736	3571
ENSG0000(	675.9963	225.6782	1.5813	8.08E-23	7.73E-22	WNT5B	chr12	+	1639057	1756409	2303
ENSG0000(	375.8546	270.9562	0.46987	0.077533	0.13005	MAGOHB	chr12	-	10758612	10766222	2671
ENSG0000(	264.6702	109.2785	1.2592	0.001415	0.00343	TRPV4	chr12	-	1.1E+08	1.1E+08	3247
ENSG0000(	346.5679	299.0908	0.21193	0.51042	0.61375	ITFG2	chr12	+	2921788	2968957	2361
ENSG0000(	1484	1598.58	-0.10698	0.44557	0.55103	FOXM1	chr12	-	2966847	2986206	3475
ENSG0000(	75.15773	41.27478	0.86481	0.004469	0.010028	PRR4	chr12	-	10977559	11324212	1555
ENSG0000(	0	43.67762	-7.0416	2.45E-10	1.18E-09	PRMT8	chr12	+	3490515	3703139	5899
ENSG0000(	198.0835	172.8532	0.19805	0.28324	0.38446	PARP11	chr12	-	3900213	3982608	4424
ENSG0000(	1422.284	834.8302	0.76829	4.09E-09	1.79E-08	ARPC3	chr12	-	1.11E+08	1.11E+08	1098
ENSG0000(	304.3412	499.2749	-0.71214	8.45E-07	3.04E-06	GPN3	chr12	-	1.11E+08	1.11E+08	1604
ENSG0000(	723.9312	504.4595	0.52002	0.002479	0.005781	VPS29	chr12	-	1.11E+08	1.11E+08	1523
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	FGF6	chr12	-	4537321	4554780	743
ENSG0000(	229.1952	620.609	-1.4327	1.06E-13	6.37E-13	RAD51AP1	chr12	+	4647950	4669214	2235
ENSG0000(	1.286224	361.0202	-7.7863	4.25E-32	5.88E-31	CUX2	chr12	+	1.11E+08	1.12E+08	6844
ENSG0000(	4891.51	843.6871	2.5334	9.95E-158	1.29E-155	SH2B3	chr12	+	1.12E+08	1.12E+08	5406
ENSG0000(	11.74211	61.7218	-2.3445	2.10E-06	7.26E-06	AKAP3	chr12	-	4724674	4758213	3318
ENSG0000(	32.58112	116.6217	-1.8217	1.83E-10	8.90E-10	MANSC1	chr12	-	12482198	12503475	2623
ENSG0000(	205.1323	1.234181	6.9946	1.28E-25	1.37E-24	KCNA1	chr12	+	5019071	5040527	7976
ENSG0000(	202.9132	661.1747	-1.6981	4.34E-15	2.85E-14	DUSP16	chr12	-	12628829	12715317	3568
ENSG0000(	413.5757	405.9256	0.025731	0.88548	0.92005	CREBL2	chr12	+	12764761	12798042	3754
ENSG0000(	359.4311	389.8933	-0.11653	0.56083	0.65951	ACAD10	chr12	+	1.12E+08	1.12E+08	4071
ENSG0000(	827.9024	420.4221	0.97582	3.61E-14	2.24E-13	ALDH2	chr12	+	1.12E+08	1.12E+08	2018
ENSG0000(	623.679	620.9735	0.006005	0.97919	0.98841	CDKN1B	chr12	+	12867992	12875305	2657
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	GPRC5D	chr12	-	13093709	13105081	1038
ENSG0000(	515.7632	661.2977	-0.35868	0.012325	0.025421	NAA25	chr12	-	1.12E+08	1.13E+08	6003
ENSG0000(	6.410584	3.558469	0.79145	0.36952	0.47407	GSG1	chr12	-	13236494	13256619	2390
ENSG0000(	0.705622	1916.86	-10.781	4.08E-43	7.80E-42	SCNN1A	chr12	-	6456009	6486896	3545
ENSG0000(	316.6585	86.97818	1.8538	1.88E-21	1.69E-20	LTBR	chr12	+	6484211	6500733	2323
ENSG0000(	22.72653	3.305162	2.6693	0.000226	0.000614	OGFOD2	chr12	+	1.23E+08	1.23E+08	2308
ENSG0000(	3060.021	1511.884	1.0159	1.02E-13	6.15E-13	CDK2AP1	chr12	-	1.24E+08	1.24E+08	1812
ENSG0000(	58.81961	5.687726	3.3112	1.28E-10	6.28E-10	OAS3	chr12	+	1.13E+08	1.13E+08	6719
ENSG0000(	31.27794	0	6.5652	8.38E-09	3.58E-08	OAS2	chr12	+	1.13E+08	1.13E+08	4734
ENSG0000(	1.576526	1.012429	0.53724	0.70496	0.78064	ART4	chr12	-	14978503	14996429	5129
ENSG0000(	732.1425	1.71569	8.5133	3.20E-46	6.58E-45	MGP	chr12	-	15034115	15038860	1405
ENSG0000(	0	176.0429	-8.8711	5.57E-16	3.85E-15	RASAL1	chr12	-	1.14E+08	1.14E+08	3817
ENSG0000(	248.493	16.21255	3.9169	4.30E-24	4.34E-23	ARHGDIB	chr12	-	15094951	15114662	1256
ENSG0000(	491.0661	541.9592	-0.14207	0.30754	0.40928	GTF2H3	chr12	+	1.24E+08	1.24E+08	3329
ENSG0000(	809.6822	851.484	-0.07204	0.72707	0.79823	EIF2B1	chr12	-	1.24E+08	1.24E+08	2477
ENSG0000(	369.4586	577.8987	-0.64347	0.000198	0.000544	DDX55	chr12	+	1.24E+08	1.24E+08	2767
ENSG0000(	2484.729	4508.962	-0.85759	1.29E-06	4.55E-06	SLC38A1	chr12	-	46576846	46663800	8066
ENSG0000(	1.016461	0	1.3167	0.46021	NA	RERGL	chr12	-	18233803	18473041	1147
ENSG0000(	4.99078	0.594029	2.5016	0.051019	0.090544	ENDOU	chr12	-	48103517	48119350	2413
ENSG0000(	861.2727	824.4488	0.06237	0.58882	0.68423	C12orf49	chr12	-	1.17E+08	1.17E+08	2801
ENSG0000(	137.6909	7.146077	4.199	4.33E-28	5.13E-27	VDR	chr12	-	48235320	48336831	4773
ENSG0000(	111.4982	145.9402	-0.369	0.6304	0.71982	FZD10	chr12	+	1.31E+08	1.31E+08	3282
ENSG0000(	395.5251	587.0754	-0.56675	0.001563	0.003761	RFC5	chr12	+	1.18E+08	1.18E+08	2442
ENSG0000(	790.6894	390.7926	1.0129	5.40E-09	2.34E-08	STX2	chr12	-	1.31E+08	1.31E+08	3331
ENSG0000(	7.12737	6.189508	0.18746	0.84771	0.893	GPR133	chr12	+	1.31E+08	1.32E+08	7085
ENSG0000(	2353.55	1639.881	0.52118	3.38E-07	1.26E-06	COPZ1	chr12	+	54694986	54745633	1897

ENSG0000(	32.30638	32.63973	-0.02293	0.95484	0.97211	TBC1D30	chr12	+	65174589	65274812	7433
ENSG0000(	3642.302	2728.689	0.4164	0.000345	0.000916	CAND1	chr12	+	67663061	67713731	11251
ENSG0000(	269.3882	146.8328	0.87133	2.17E-06	7.50E-06	RAB5B	chr12	+	56367697	56388490	3362
ENSG0000(	170.964	118.9678	0.52381	0.012503	0.025761	MDM1	chr12	-	68666223	68726161	2918
ENSG0000(	765.0157	1263.106	-0.72176	5.48E-06	1.81E-05	NUP107	chr12	+	69080514	69136785	3653
ENSG0000(	1037.795	1112.461	-0.09964	0.38186	0.486	CNOT2	chr12	+	70636774	70748773	4753
ENSG0000(	1133.71	2083.844	-0.87807	7.69E-16	5.28E-15	TIMELESS	chr12	-	56810903	56843187	4376
ENSG0000(	1671.896	3038.395	-0.86053	2.09E-13	1.24E-12	CPSF6	chr12	+	69633317	69668138	6616
ENSG0000(	305.168	280.1401	0.12484	0.52874	0.63031	KRR1	chr12	-	75890684	75905416	4075
ENSG0000(	1274.895	1452.233	-0.1876	0.11965	0.1884	MRPL51	chr12	-	6601150	6603007	1136
ENSG0000(	21925.9	30074.79	-0.45514	0.001531	0.003692	GAPDH	chr12	+	6643093	6647537	1875
ENSG0000(	732.461	1151.412	-0.65084	0.000156	0.000433	NOP2	chr12	-	6666029	6677857	3038
ENSG0000(	8401.972	6991.042	0.26502	0.001546	0.003723	CHD4	chr12	-	6679249	6716642	6580
ENSG0000(	4.346772	28.88139	-2.621	0.000367	0.000969	ACRBP	chr12	-	6747241	6756626	1933
ENSG0000(	333.4607	284.4189	0.23014	0.24664	0.34258	UHRF1BP1	chr12	-	1E+08	1.01E+08	5168
ENSG0000(	1242.581	534.8423	1.2157	1.06E-21	9.67E-21	COPS7A	chr12	+	6832907	6841041	2127
ENSG0000(	355.2838	280.7353	0.33909	0.019604	0.038758	ING4	chr12	-	6759446	6772314	1709
ENSG0000(	117.214	36.47252	1.6645	1.36E-09	6.22E-09	GNB3	chr12	+	6949118	6956557	2869
ENSG0000(	435.4918	624.8616	-0.51977	0.000218	0.000594	CDCA3	chr12	-	6953957	6961230	2917
ENSG0000(	214.3216	252.4102	-0.23782	0.17321	0.25598	CHPT1	chr12	+	1.02E+08	1.02E+08	4342
ENSG0000(	2745.848	3171.423	-0.20751	0.028045	0.053502	USP5	chr12	+	6961292	6975796	3181
ENSG0000(	6829.135	10296.56	-0.59144	1.23E-05	3.89E-05	TPI1	chr12	+	6976283	6980112	1763
ENSG0000(	735.1451	609.6605	0.27039	0.043478	0.078834	GNPTAB	chr12	-	1.02E+08	1.02E+08	5701
ENSG0000(	128.8509	172.6955	-0.42326	0.052701	0.093091	SPSB2	chr12	-	6980099	6998522	1496
ENSG0000(	433.7046	1474.429	-1.7595	8.68E-17	6.27E-16	ENO2	chr12	+	7022909	7032861	2827
ENSG0000(	5415.298	2078.037	1.3804	3.49E-34	5.19E-33	ATN1	chr12	+	7033626	7051484	4293
ENSG0000(	1802.136	623.7841	1.529	4.83E-39	8.30E-38	C12orf57	chr12	+	7052141	7055166	980
ENSG0000(	19.60681	384.3853	-4.2595	7.15E-50	1.63E-48	PTPN6	chr12	+	7055631	7070479	2412
ENSG0000(	625.5692	730.636	-0.22348	0.18583	0.27145	LPCAT3	chr12	-	7085348	7125814	2902
ENSG0000(	391.1188	284.6208	0.45524	0.003229	0.007409	NT5DC3	chr12	-	1.04E+08	1.04E+08	7207
ENSG0000(	0	3501.749	-12.819	3.51E-34	5.21E-33	NANOG	chr12	+	7940390	7948655	2101
ENSG0000(	1137.505	1939.332	-0.76957	2.71E-12	1.49E-11	SUDS3	chr12	+	1.19E+08	1.19E+08	4897
ENSG0000(	1399.121	422.2134	1.725	1.82E-24	1.87E-23	GOLT1B	chr12	+	21654715	21671342	3227
ENSG0000(	1.068702	0	1.3672	0.44297	NA	GYS2	chr12	-	21689123	21757781	3132
ENSG0000(	7629.573	14918.26	-0.96613	2.84E-14	1.78E-13	LDHB	chr12	-	21788276	21910791	1538
ENSG0000(	378.4193	494.6549	-0.38512	0.015673	0.031621	PRKAB1	chr12	+	1.2E+08	1.2E+08	4019
ENSG0000(	407.8673	1300.09	-1.6702	1.45E-35	2.25E-34	CMAS	chr12	+	22199108	22218608	1787
ENSG0000(	199.4449	11.81567	4.0645	3.47E-36	5.46E-35	HCFC2	chr12	+	1.04E+08	1.04E+08	4071
ENSG0000(	64.10909	7.639738	3.0315	6.66E-13	3.83E-12	ST8SIA1	chr12	-	22216707	22589975	2330
ENSG0000(	5.404309	0.686276	2.5099	0.051991	0.092062	CLEC4A	chr12	+	8276228	8291203	1281
ENSG0000(	576.0876	1089.502	-0.91833	2.73E-15	1.82E-14	C2CD5	chr12	-	22601517	22697480	4436
ENSG0000(	0.580602	1.326428	-0.76629	0.64583	0.73251	AICDA	chr12	-	8754762	8765467	2819
ENSG0000(	1249.275	1042.418	0.26115	0.094001	0.15337	RAB35	chr12	-	1.21E+08	1.21E+08	2945
ENSG0000(	784.3764	8540.191	-3.4399	2.37E-147	2.62E-145	PHC1	chr12	+	9066492	9094063	5174
ENSG0000(	78.56147	134.1092	-0.7722	0.001755	0.004192	COX6A1	chr12	+	1.21E+08	1.21E+08	767
ENSG0000(	0.995923	2.401965	-0.96117	0.52717	0.62897	RFX4	chr12	+	1.07E+08	1.07E+08	3955
ENSG0000(	353.3035	216.0281	0.70607	7.07E-05	0.000205	RIC8B	chr12	+	1.07E+08	1.07E+08	5131
ENSG0000(	3808.194	4646.606	-0.28678	0.006545	0.014244	SRSF9	chr12	-	1.21E+08	1.21E+08	1704
ENSG0000(	238.3308	418.3793	-0.81012	2.81E-09	1.25E-08	RP11-22B2	chr12	+	9429831	9466684	3919
ENSG0000(	521.1389	268.7082	0.95584	3.04E-10	1.46E-09	FGFR1OP2	chr12	+	27091316	27119583	2945
ENSG0000(	0.342542	3.616746	-2.6436	0.066568	0.1141	KLRB1	chr12	-	9747147	9760482	1448
ENSG0000(	79994.87	116.5906	9.134	3.93E-50	9.04E-49	COL12A1	chr6	-	75794042	75915767	11723
ENSG0000(	178.6925	31.73902	2.4568	1.44E-10	7.06E-10	BTN3A3	chr6	+	26440700	26453643	4547
ENSG0000(	536.16	866.264	-0.68957	3.58E-06	1.21E-05	TDP2	chr6	-	24650205	24667261	2120
ENSG0000(	30.42822	4.957743	2.5355	2.15E-05	6.63E-05	FRK	chr6	-	1.16E+08	1.16E+08	2849
ENSG0000(	1475.964	1252.241	0.23735	0.046367	0.083324	DSE	chr6	+	1.17E+08	1.17E+08	4255
ENSG0000(	589.2057	479.1433	0.29786	0.040428	0.074054	RWDD1	chr6	+	1.17E+08	1.17E+08	5522
ENSG0000(	2.883288	9.640289	-1.6063	0.074435	0.12566	RSPH4A	chr6	+	1.17E+08	1.17E+08	2825
ENSG0000(	15.84145	23.91062	-0.59013	0.18218	0.26698	MAK	chr6	-	10762956	10838764	3984
ENSG0000(	860.2781	1294.273	-0.58916	2.37E-07	8.96E-07	TMEM14C	chr6	+	10723148	10731362	1177
ENSG0000(	307.8478	599.18	-0.9551	0.000181	0.0005	PAK1IP1	chr6	+	10694928	10710015	1800
ENSG0000(	0.342542	1231.589	-10.703	6.12E-32	8.41E-31	GCNT2	chr6	+	10492456	10629601	4525
ENSG0000(	75.02382	96.74879	-0.37008	0.13819	0.21164	SMIM8	chr6	+	88032306	88052043	2434
ENSG0000(	1413.787	209.8395	2.7498	7.06E-70	2.52E-68	NEDD9	chr6	-	11183531	11382581	4934
ENSG0000(	158.2175	65.60146	1.2646	4.56E-06	1.52E-05	CEP85L	chr6	-	1.19E+08	1.19E+08	7673

ENSG0000(	27.50142	4.167067	2.6185	1.13E-05	3.58E-05	ADTRP	chr6	-	11712287	11807279	1927
ENSG0000(	360.314	320.5062	0.17031	0.29478	0.39685	ASF1A	chr6	+	1.19E+08	1.19E+08	2362
ENSG0000(	184.6656	159.8889	0.2085	0.3547	0.45892	MCM9	chr6	-	1.19E+08	1.19E+08	7592
ENSG0000(	4.532592	116.3054	-4.5757	2.22E-21	2.00E-20	FAM184A	chr6	-	1.19E+08	1.19E+08	4141
ENSG0000(	503.2922	426.1453	0.24099	0.078824	0.13186	RNGTT	chr6	-	89319985	89673348	4434
ENSG0000(	1390.134	231.6583	2.5781	8.26E-73	3.11E-71	MAN1A1	chr6	-	1.19E+08	1.2E+08	5014
ENSG0000(	10.99623	2.012704	2.2662	0.016529	0.033192	GABRR2	chr6	-	89966927	90025018	1691
ENSG0000(	1925.109	592.1606	1.6974	1.14E-20	9.89E-20	SERINC1	chr6	-	1.23E+08	1.23E+08	3382
ENSG0000(	562.2877	721.5975	-0.35809	0.004132	0.009314	HDDC2	chr6	-	1.26E+08	1.26E+08	1615
ENSG0000(	69.91414	227.6514	-1.69	2.88E-11	1.48E-10	TPD52L1	chr6	+	1.25E+08	1.26E+08	2489
ENSG0000(	343.1326	228.7838	0.58087	0.003506	0.007997	HINT3	chr6	+	1.26E+08	1.26E+08	3311
ENSG0000(	162.4727	91.82751	0.81943	0.000765	0.00193	NCOA7	chr6	+	1.26E+08	1.26E+08	5521
ENSG0000(	22.53199	146.3633	-2.6878	1.76E-21	1.59E-20	FAM65B	chr6	-	24797601	25042238	5471
ENSG0000(	4470.122	600.7327	2.8939	1.29E-165	1.77E-163	SASH1	chr6	+	1.49E+08	1.49E+08	7711
ENSG0000(	394.7385	670.8628	-0.76337	1.60E-05	5.03E-05	UST	chr6	+	1.49E+08	1.49E+08	4198
ENSG0000(	43.00889	8.27989	2.3431	1.88E-07	7.17E-07	ULBP1	chr6	+	1.5E+08	1.5E+08	3140
ENSG0000(	453.2164	597.3982	-0.39642	0.002996	0.006908	FBXO5	chr6	-	1.53E+08	1.53E+08	2600
ENSG0000(	248.5488	234.1747	0.086345	0.72726	0.79827	MTRF1L	chr6	-	1.53E+08	1.53E+08	3676
ENSG0000(	3437.161	510.0931	2.7469	5.63E-80	2.37E-78	PPARD	chr6	+	35310335	35395968	3774
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	OPRM1	chr6	+	1.54E+08	1.55E+08	2594
ENSG0000(	293.3831	403.0718	-0.45751	0.008236	0.017566	FANCE	chr6	+	35420138	35434880	2554
ENSG0000(	4.056471	92.36976	-4.4478	9.27E-19	7.33E-18	TULP1	chr6	-	35465651	35480715	2162
ENSG0000(	0.36308	5.707127	-3.3081	0.012973	0.026636	SLC26A8	chr6	-	35911291	35992645	3653
ENSG0000(	970.7153	777.0953	0.31977	0.006514	0.014186	MAPK14	chr6	+	35995488	36079013	4319
ENSG0000(	1569.723	810.2239	0.95247	8.24E-15	5.35E-14	KCTD20	chr6	+	36410544	36458920	5619
ENSG0000(	653.6163	269.5121	1.2763	2.78E-20	2.38E-19	STK38	chr6	-	36461669	36515247	3576
ENSG0000(	4554.352	8247.255	-0.85431	3.61E-06	1.22E-05	SRSF3	chr6	+	36562145	36571209	2054
ENSG0000(	677.5396	1476.331	-1.1226	9.80E-24	9.75E-23	SOD2	chr6	-	1.6E+08	1.6E+08	4302
ENSG0000(	817.0553	1055.367	-0.36891	0.001872	0.004447	MRPL18	chr6	+	1.6E+08	1.6E+08	1075
ENSG0000(	2097.579	7355.126	-1.8064	4.49E-31	5.99E-30	MCM3	chr6	-	52128807	52149679	3169
ENSG0000(	372.9217	565.2979	-0.59878	3.46E-05	0.000104	RNF8	chr6	+	37321748	37362514	5631
ENSG0000(	110.9621	101.242	0.13396	0.58365	0.67961	PHACTR1	chr6	+	12717893	13288645	4784
ENSG0000(	1015.536	70.7269	3.8125	1.02E-40	1.83E-39	MDGA1	chr6	-	37598455	37667082	10736
ENSG0000(	710.63	287.4525	1.3034	1.16E-25	1.25E-24	ICK	chr6	-	52866077	52926600	6227
ENSG0000(	602.5394	318.4635	0.91742	4.36E-06	1.46E-05	FBXO9	chr6	+	52916789	52965671	4559
ENSG0000(	19.36696	110.314	-2.4866	9.22E-14	5.57E-13	CD83	chr6	+	14117872	14137149	2471
ENSG0000(	1620.919	5847.244	-1.8483	2.13E-43	4.10E-42	MDN1	chr6	-	90352218	90529442	18413
ENSG0000(	0	16.96932	-5.7091	1.66E-06	5.83E-06	GLP1R	chr6	+	39016574	39055519	3105
ENSG0000(	243.939	107.9234	1.1757	3.53E-11	1.80E-10	SAYSD1	chr6	-	39071840	39082965	2020
ENSG0000(	77.78674	0.686276	6.3519	9.25E-13	5.27E-12	BMP5	chr6	-	55618443	55740362	3952
ENSG0000(	201.5959	102.0587	0.97068	0.000152	0.000422	BACH2	chr6	-	90636248	91006627	9113
ENSG0000(	138.1003	31.44355	2.1159	3.63E-16	2.53E-15	RBM24	chr6	+	17281577	17294106	2703
ENSG0000(	780.6068	211.857	1.8801	1.46E-41	2.65E-40	CAP2	chr6	+	17393447	17558023	3316
ENSG0000(	1.971308	0.640152	1.2774	0.36886	0.47345	TREML2	chr6	-	41158015	41168932	3302
ENSG0000(	494.5988	465.2848	0.089531	0.57903	0.67554	ZNF451	chr6	+	56951642	57035105	9478
ENSG0000(	457.7673	187.803	1.2852	5.65E-13	3.27E-12	BAG2	chr6	+	57037124	57049735	1755
ENSG0000(	876.0938	258.9029	1.7575	1.35E-37	2.22E-36	RAB23	chr6	-	57053607	57087078	2986
ENSG0000(	1.048164	11.49684	-3.1338	0.003405	0.007786	TSPO2	chr6	+	41010293	41012076	958
ENSG0000(	18.60053	91.81938	-2.2871	8.60E-11	4.27E-10	GPR63	chr6	-	97245888	97285353	2198
ENSG0000(	1.431782	64.75492	-5.3451	1.94E-13	1.15E-12	KHDRBS2	chr6	-	62390139	62996132	2058
ENSG0000(	220.4329	133.5645	0.7175	0.001972	0.004671	FBXL4	chr6	-	99321334	99395849	3115
ENSG0000(	613.3793	1203.821	-0.97005	1.43E-08	5.98E-08	CCNC	chr6	-	99990256	1E+08	2473
ENSG0000(	0.290301	1.730259	-1.5626	0.35075	0.45521	PRDM13	chr6	+	1E+08	1E+08	3234
ENSG0000(	760.3984	1030.024	-0.43651	0.017926	0.035746	E2F3	chr6	+	20402398	20493941	4744
ENSG0000(	1877.627	1517.675	0.30676	0.002775	0.00643	PTP4A1	chr6	+	64231666	64293492	5088
ENSG0000(	0	4.086101	-3.3581	0.031766	0.059707	SIM1	chr6	-	1.01E+08	1.01E+08	8430
ENSG0000(	1252.186	1268.813	-0.01884	0.87991	0.91625	ASCC3	chr6	-	1.01E+08	1.01E+08	8146
ENSG0000(	0	2.618886	-2.6151	0.12026	0.18917	HDGFL1	chr6	+	22569678	22571892	2034
ENSG0000(	514.3871	50.2872	3.335	2.57E-64	8.25E-63	BVES	chr6	-	1.06E+08	1.06E+08	5567
ENSG0000(	0.943682	123.0775	-6.5945	6.00E-18	4.60E-17	COL9A1	chr6	-	70924764	71012786	4761
ENSG0000(	599.593	287.7747	1.0579	2.20E-12	1.22E-11	MED23	chr6	-	1.32E+08	1.32E+08	5245
ENSG0000(	475.9151	356.2254	0.41762	0.002219	0.005212	WASF1	chr6	-	1.1E+08	1.11E+08	3220
ENSG0000(	25.60289	78.94255	-1.6082	2.37E-07	8.95E-07	GPLD1	chr6	-	24424793	24495433	3489
ENSG0000(	174.0042	84.33339	1.0395	2.79E-07	1.05E-06	ALDH5A1	chr6	+	24495080	24537435	5248
ENSG0000(	2171.659	444.9272	2.2782	7.37E-26	7.98E-25	AIM1	chr6	+	1.07E+08	1.07E+08	7544

ENSG0000(	3.101624	0	3.0457	0.051816	0.09178	VNN1	chr6	-	1.33E+08	1.33E+08	3106
ENSG0000(	0.342542	0	0.4146	0.81455	NA	VNN2	chr6	-	1.33E+08	1.33E+08	2118
ENSG0000(	444.2264	776.9028	-0.80533	1.97E-08	8.14E-08	ACOT13	chr6	+	24667263	24705293	4391
ENSG0000(	136.1912	185.5519	-0.4445	0.058746	0.10255	SMAP1	chr6	+	71377479	71571718	3333
ENSG0000(	8155.454	13068.04	-0.67946	4.12E-09	1.80E-08	RPS12	chr6	+	1.33E+08	1.33E+08	639
ENSG0000(	2557.212	2137.928	0.25803	0.084448	0.14002	C6orf62	chr6	-	24705089	24721064	4134
ENSG0000(	5.260544	8.97503	-0.70751	0.43126	0.53679	B3GAT2	chr6	-	71566382	71666741	6565
ENSG0000(	461.1778	1097.548	-1.2485	4.85E-17	3.56E-16	GMNN	chr6	+	24775159	24786327	1262
ENSG0000(	96.39199	1.355566	5.9149	3.71E-17	2.73E-16	EYA4	chr6	+	1.34E+08	1.34E+08	5699
ENSG0000(	979.8917	250.2004	1.958	3.31E-14	2.06E-13	SOBP	chr6	+	1.08E+08	1.08E+08	5231
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	NR2E1	chr6	+	1.08E+08	1.09E+08	3212
ENSG0000(	2176.4	1061.035	1.0346	1.06E-19	8.79E-19	SNX3	chr6	-	1.09E+08	1.09E+08	1755
ENSG0000(	1098.871	1091.84	0.010009	0.93356	0.95639	HBS1L	chr6	-	1.35E+08	1.35E+08	7163
ENSG0000(	505.8205	69.87292	2.8442	1.92E-33	2.78E-32	TRIM38	chr6	+	25963030	25985348	3255
ENSG0000(	89.5132	122.7935	-0.45432	0.035999	0.066841	PEX7	chr6	+	1.37E+08	1.37E+08	1539
ENSG0000(	202.9152	479.0964	-1.2356	8.82E-12	4.69E-11	ZBTB24	chr6	-	1.1E+08	1.1E+08	5519
ENSG0000(	242.5585	450.5126	-0.89018	5.54E-07	2.02E-06	FIG4	chr6	+	1.1E+08	1.1E+08	3011
ENSG0000(	697.8653	1158.993	-0.73144	1.61E-09	7.32E-09	PERP	chr6	-	1.38E+08	1.38E+08	2009
ENSG0000(	493.8541	1267.109	-1.3582	1.67E-25	1.78E-24	KIAA1244	chr6	+	1.38E+08	1.39E+08	14877
ENSG0000(	0.580602	326.9254	-8.3612	2.78E-24	2.83E-23	SLC16A10	chr6	+	1.11E+08	1.12E+08	2508
ENSG0000(	337.0276	173.7802	0.94381	0.014881	0.030165	HECA	chr6	+	1.39E+08	1.4E+08	5614
ENSG0000(	734.5788	151.25	2.2709	3.86E-36	6.06E-35	GPR126	chr6	+	1.43E+08	1.43E+08	7026
ENSG0000(	497.2066	547.8394	-0.13889	0.60164	0.69517	PHACTR2	chr6	+	1.44E+08	1.44E+08	9531
ENSG0000(	62.72955	79.85937	-0.34132	0.34042	0.44436	EPM2A	chr6	-	1.46E+08	1.46E+08	3633
ENSG0000(	4957.487	2532.092	0.96861	3.41E-29	4.22E-28	SLC39A7	chr6	+	33168222	33172216	2409
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CCR6	chr6	+	1.68E+08	1.68E+08	4018
ENSG0000(	0	7.754675	-4.5564	0.000506	0.001313	UNC93A	chr6	+	1.68E+08	1.68E+08	2116
ENSG0000(	0.290301	13.20762	-4.4511	0.000392	0.001033	SLC22A2	chr6	-	1.61E+08	1.61E+08	3737
ENSG0000(	777.3224	723.5125	0.10301	0.58598	0.68172	PHF1	chr6	+	33378176	33384230	2330
ENSG0000(	1533.669	1857.76	-0.27604	0.009142	0.019352	CUTA	chr6	-	33384219	33386094	1378
ENSG0000(	12.42801	1.043983	3.3046	0.000765	0.001932	PACRG	chr6	+	1.63E+08	1.64E+08	1619
ENSG0000(	3482.312	2104.018	0.72557	9.70E-09	4.12E-08	QKI	chr6	+	1.64E+08	1.64E+08	9463
ENSG0000(	1.338465	5.644019	-1.8922	0.066468	0.11396	C6orf118	chr6	-	1.66E+08	1.66E+08	1838
ENSG0000(	476.1188	127.9876	1.8898	6.62E-32	9.08E-31	PDE10A	chr6	-	1.66E+08	1.66E+08	8233
ENSG0000(	8150.37	1977.71	2.0393	9.36E-43	1.77E-41	MDFI	chr6	+	41604620	41621984	1629
ENSG0000(	377.8601	26.05042	3.8277	7.10E-61	2.09E-59	TFEB	chr6	-	41651716	41703997	2595
ENSG0000(	4.097547	54.31509	-3.652	1.06E-09	4.86E-09	SMOC2	chr6	+	1.69E+08	1.69E+08	3150
ENSG0000(	1319.9	831.052	0.66636	8.91E-08	3.49E-07	CCND3	chr6	-	41902671	42018095	2394
ENSG0000(	542.3281	933.6244	-0.78092	0.000174	0.000482	BYSL	chr6	+	41888926	41900784	2029
ENSG0000(	817.6798	347.8154	1.2318	6.10E-21	5.36E-20	FAM120B	chr6	+	1.71E+08	1.71E+08	5155
ENSG0000(	282.1161	356.9837	-0.33917	0.02464	0.047625	TBP	chr6	+	1.71E+08	1.71E+08	1903
ENSG0000(	15.33461	33.534	-1.09	0.085094	0.14083	GUCA1B	chr6	-	42152139	42162654	1113
ENSG0000(	154.6192	29.99648	2.3612	6.79E-20	5.69E-19	PRPH2	chr6	-	42664340	42690312	2974
ENSG0000(	207.9321	216.1893	-0.057	0.73471	0.8042	GLTSCR1L	chr6	+	42749765	42836298	6530
ENSG0000(	1412.451	1303.736	0.11534	0.35157	0.4559	PPP2R5D	chr6	+	42952237	42980080	3044
ENSG0000(	433.4798	822.1878	-0.92181	8.69E-09	3.71E-08	MRPL2	chr6	-	43021767	43027544	1588
ENSG0000(	11111.95	4750.214	1.2242	1.88E-19	1.54E-18	PTK7	chr6	+	43044006	43129457	5282
ENSG0000(	1390.192	2146.762	-0.62564	1.64E-09	7.43E-09	SRF	chr6	+	43139037	43149243	4200
ENSG0000(	658.8318	183.5483	1.8335	6.91E-14	4.21E-13	CUL9	chr6	+	43149913	43192325	8150
ENSG0000(	245.3392	306.2166	-0.31957	0.16787	0.24936	NUDT3	chr6	-	34255997	34360451	1364
ENSG0000(	472.8206	675.3938	-0.51335	0.014104	0.028727	DNPH1	chr6	-	43193367	43197222	834
ENSG0000(	396.5037	676.6572	-0.7704	4.55E-06	1.52E-05	DUSP22	chr6	+	291630	351355	3824
ENSG0000(	574.9744	1142.954	-0.99005	5.44E-19	4.36E-18	EXOC2	chr6	-	485133	693117	4449
ENSG0000(	2004.506	1619.071	0.30821	0.012343	0.025454	COX7A2	chr6	-	75947391	75960039	914
ENSG0000(	3207.24	1312.062	1.2878	1.24E-32	1.74E-31	TMEM30A	chr6	-	75962640	75994684	4594
ENSG0000(	206.0645	473.781	-1.1978	2.49E-14	1.57E-13	GMDS	chr6	-	1624041	2245926	1752
ENSG0000(	1236.495	1093.783	0.17738	0.13756	0.21094	SENP6	chr6	+	76311225	76427997	6645
ENSG0000(	5.217676	10.94248	-1.0154	0.16526	0.24624	IMPG1	chr6	-	76630832	76782395	5795
ENSG0000(	904.9404	719.8987	0.32929	0.037449	0.069222	VEGFA	chr6	+	43737921	43754224	12167
ENSG0000(	1195.878	1242.607	-0.05495	0.78853	0.84888	PRPF4B	chr6	+	4021501	4065217	6775
ENSG0000(	381.0406	716.0839	-0.90482	0.00027	0.000728	TTK	chr6	+	80713604	80752244	3725
ENSG0000(	1673.163	3796.372	-1.1801	2.56E-23	2.50E-22	SLC29A1	chr6	+	44187242	44201888	2485
ENSG0000(	0.290301	3.276024	-2.5813	0.071009	0.12063	WISP3	chr6	+	1.12E+08	1.12E+08	2512
ENSG0000(	834.3136	214.5374	1.9566	3.60E-39	6.21E-38	BTN2A1	chr6	+	26458150	26476849	3113
ENSG0000(	1138.476	25.89822	5.4452	3.77E-156	4.69E-154	LAMA4	chr6	-	1.12E+08	1.13E+08	6547

ENSG0000(	626.5222	106.5956	2.5425	1.86E-32	2.61E-31	FAM46A	chr6	-	82201156	82462491	5664
ENSG0000(	3.838135	4.380699	-0.15546	0.8645	0.90562	CLIC5	chr6	-	45868045	46048132	2713
ENSG0000(	1908.963	2806.167	-0.55496	4.33E-05	0.000129	FBRSL1	chr12	+	1.33E+08	1.33E+08	5568
ENSG0000(	0.653381	103.8301	-6.7872	1.83E-15	1.23E-14	ENPP5	chr6	-	46126924	46138708	3834
ENSG0000(	0.975385	0.297015	0.91901	0.59525	NA	LY86	chr6	+	6588341	6655216	1197
ENSG0000(	4.927375	211.647	-5.3296	9.07E-31	1.19E-29	PRSS16	chr6	+	27215480	27224403	3411
ENSG0000(	3.278071	0.357707	2.5639	0.070715	0.12022	MEP1A	chr6	+	46761127	46807515	2892
ENSG0000(	1045.552	1.326428	9.277	1.41E-48	3.10E-47	TBX18	chr6	-	85444157	85474237	4408
ENSG0000(	1810.352	482.7714	1.9063	8.98E-55	2.31E-53	ERBB2IP	chr5	+	65222303	65378377	8647
ENSG0000(	1385.503	605.812	1.1924	5.23E-27	5.93E-26	PCDHB2	chr5	+	1.4E+08	1.4E+08	2736
ENSG0000(	545.0065	310.7488	0.8084	3.49E-10	1.66E-09	HARS2	chr5	+	1.4E+08	1.4E+08	2483
ENSG0000(	138.9917	238.1413	-0.77486	1.67E-05	5.23E-05	NUDT12	chr5	-	1.03E+08	1.03E+08	3492
ENSG0000(	143.8643	315.6993	-1.1322	5.89E-13	3.40E-12	CEP72	chr5	+	612387	667283	2434
ENSG0000(	1405.511	1499.481	-0.093	0.52881	0.63034	MAN2A1	chr5	+	1.09E+08	1.09E+08	5599
ENSG0000(	1449.251	587.3987	1.2993	1.03E-13	6.21E-13	SEMA5A	chr5	-	9035138	9546187	11762
ENSG0000(	2.987769	2.759672	0.10858	0.92909	0.95301	C7	chr5	+	40909354	40983041	4257
ENSG0000(	1010.4	660.642	0.61153	0.000109	0.000309	PAPD7	chr5	+	6714718	6757161	3861
ENSG0000(	27.57419	12.69543	1.0908	0.023613	0.04586	GHR	chr5	+	42423879	42721979	4560
ENSG0000(	10840.56	4458.046	1.2755	5.51E-07	2.01E-06	HMGCS1	chr5	-	43289497	43313614	3506
ENSG0000(	4943.42	900.2025	2.4553	6.42E-140	6.33E-138	DAP	chr5	-	10679342	10761384	2339
ENSG0000(	4.107898	3.604593	0.18228	0.85835	0.90057	NME5	chr5	-	1.37E+08	1.37E+08	1193
ENSG0000(	981.1607	1041.678	-0.08587	0.61447	0.70632	BRD8	chr5	-	1.37E+08	1.38E+08	4388
ENSG0000(	1398.192	1883.776	-0.42924	0.002048	0.004839	KIF20A	chr5	+	1.38E+08	1.38E+08	3201
ENSG0000(	1209.883	507.363	1.2522	1.66E-18	1.30E-17	NNT	chr5	+	43602794	43707507	6483
ENSG0000(	790.9812	1118.704	-0.50016	4.17E-06	1.40E-05	MRPS30	chr5	+	44809027	44820530	4331
ENSG0000(	3333.96	6420.612	-0.94345	6.51E-09	2.80E-08	HSPA9	chr5	-	1.38E+08	1.38E+08	3321
ENSG0000(	899.5161	1535.587	-0.77075	3.48E-11	1.78E-10	MRPS27	chr5	-	71515236	71616473	4435
ENSG0000(	718.9522	476.5567	0.59406	3.55E-05	0.000107	PFDN1	chr5	-	1.4E+08	1.4E+08	1352
ENSG0000(	584.659	38.2579	3.8968	1.84E-51	4.38E-50	HBEGF	chr5	-	1.4E+08	1.4E+08	2386
ENSG0000(	0.995923	3.336716	-1.5216	0.20033	0.289	SLC4A9	chr5	+	1.4E+08	1.4E+08	3343
ENSG0000(	3330.974	26.87178	6.9339	8.11E-245	2.64E-242	LOX	chr5	-	1.21E+08	1.21E+08	5102
ENSG0000(	0.995923	0	1.4959	0.39264	NA	GZMK	chr5	+	54320081	54330398	1509
ENSG0000(	0.580602	7.439802	-2.9736	0.022698	0.044246	CDH9	chr5	-	26880709	27121257	3079
ENSG0000(	223.5762	134.3406	0.73002	0.000152	0.000424	APBB3	chr5	-	1.4E+08	1.4E+08	2801
ENSG0000(	114.9947	276.8055	-1.2619	1.40E-12	7.86E-12	TMCO6	chr5	+	1.4E+08	1.4E+08	1953
ENSG0000(	70591.2	3724.772	4.2409	0	0	SPARC	chr5	-	1.51E+08	1.51E+08	3701
ENSG0000(	1677.555	1442.771	0.21768	0.12796	0.19906	IK	chr5	+	1.4E+08	1.4E+08	1964
ENSG0000(	5464.522	3522.385	0.63047	0.012487	0.025732	HMGCR	chr5	+	74632154	74657929	4585
ENSG0000(	570.2359	1120.689	-0.97428	1.50E-16	1.07E-15	COL4A3BP	chr5	-	74664311	74807963	5651
ENSG0000(	1402.829	898.1795	0.64154	0.00146	0.003533	FAF2	chr5	+	1.76E+08	1.76E+08	4515
ENSG0000(	0	9.279293	-2.3882	NA	NA	HAND1	chr5	-	1.54E+08	1.54E+08	1738
ENSG0000(	119.2659	74.47134	0.67535	0.006966	0.01509	PCDHB3	chr5	+	1.4E+08	1.4E+08	3173
ENSG0000(	123.3192	198.2254	-0.6843	0.000237	0.000644	PCDHB5	chr5	+	1.41E+08	1.41E+08	2904
ENSG0000(	17.65425	4.303021	1.9635	0.003541	0.008075	PCDHB6	chr5	+	1.41E+08	1.41E+08	3030
ENSG0000(	23.91071	11.35518	1.064	0.064657	0.11136	PCDHB7	chr5	+	1.41E+08	1.41E+08	3715
ENSG0000(	75.12072	49.50626	0.58893	0.061269	0.10629	PDE8B	chr5	+	76506274	76725632	5956
ENSG0000(	139.1425	117.2877	0.24468	0.26012	0.35807	CLK4	chr5	-	1.78E+08	1.78E+08	3722
ENSG0000(	377.9315	209.2443	0.84711	0.000205	0.000561	PCDHB15	chr5	+	1.41E+08	1.41E+08	2653
ENSG0000(	0.580602	12.04958	-3.7718	0.000445	0.001164	GRM6	chr5	-	1.78E+08	1.78E+08	6143
ENSG0000(	0.653381	2.087966	-1.2605	0.40489	0.50976	ITK	chr5	+	1.57E+08	1.57E+08	5869
ENSG0000(	540.8884	1452.198	-1.422	3.62E-24	3.66E-23	RNF130	chr5	-	1.79E+08	1.79E+08	9945
ENSG0000(	140.648	174.6555	-0.31049	0.11612	0.18363	THG1L	chr5	+	1.57E+08	1.57E+08	3107
ENSG0000(	1250.782	281.9443	2.147	3.46E-56	9.20E-55	ARSB	chr5	-	78073032	78281910	5327
ENSG0000(	2499.635	1334.342	0.90449	4.87E-10	2.30E-09	CLINT1	chr5	-	1.57E+08	1.57E+08	3987
ENSG0000(	217.6101	217.4989	0.001759	0.99453	0.99685	THBS4	chr5	+	79287134	79379110	3222
ENSG0000(	1229.372	981.4321	0.32474	0.003307	0.007576	CNOT6	chr5	+	1.8E+08	1.8E+08	6303
ENSG0000(	0.342542	0	0.4146	0.81455	NA	IL12B	chr5	-	1.59E+08	1.59E+08	2761
ENSG0000(	0	14.85866	-5.5147	4.97E-06	1.65E-05	BTNL8	chr5	+	1.8E+08	1.8E+08	2229
ENSG0000(	660.2147	820.9375	-0.31293	0.083255	0.13825	TTC1	chr5	+	1.59E+08	1.59E+08	1467
ENSG0000(	278.4861	275.0191	0.019862	0.9022	0.93242	MSH3	chr5	+	79950467	80172279	4092
ENSG0000(	64.08358	258.7282	-1.9828	4.26E-06	1.43E-05	RASGRF2	chr5	+	80256491	80525975	8167
ENSG0000(	0	24.91735	-6.2628	4.86E-08	1.95E-07	GABRG2	chr5	+	1.61E+08	1.62E+08	4056
ENSG0000(	1370.952	2990.425	-1.1234	6.00E-15	3.92E-14	CCNG1	chr5	+	1.63E+08	1.63E+08	2458
ENSG0000(	74.59073	2274.584	-4.92	5.88E-171	8.87E-169	POLR3G	chr5	+	89767565	89810370	3285
ENSG0000(	1592.483	1772.769	-0.15437	0.11323	0.17958	DROSHA	chr5	-	31400604	31532303	5305

ENSG0000(	49.36967	82.35821	-0.71564	0.23791	0.33236	CDH6	chr5	+	31193857	31329253	8476
ENSG0000(	2958.449	4653.607	-0.65283	2.22E-09	9.92E-09	LMNB1	chr5	+	1.26E+08	1.26E+08	3475
ENSG0000(	387.332	154.5757	1.3194	8.03E-07	2.89E-06	ARRDC3	chr5	-	90664541	90679176	4188
ENSG0000(	1802.302	1723.461	0.064283	0.51679	0.61952	GOLPH3	chr5	-	32124810	32174456	2721
ENSG0000(	1773.5	1666.917	0.089431	0.57616	0.67289	SUB1	chr5	+	32531739	32604185	4273
ENSG0000(	2071.964	0.715414	10.904	1.89E-45	3.82E-44	NPR3	chr5	+	32689176	32791819	7337
ENSG0000(	630.8115	146.3641	2.1036	8.01E-48	1.73E-46	FAM172A	chr5	-	92953775	93447404	4312
ENSG0000(	39.75217	44.97249	-0.17578	0.56364	0.66171	SLC27A6	chr5	+	1.28E+08	1.28E+08	3219
ENSG0000(	2780.791	3649.231	-0.39058	0.072411	0.12267	TARS	chr5	+	33440802	33469644	4314
ENSG0000(	0.290301	656.9352	-9.862	2.29E-26	2.53E-25	IRX4	chr5	-	1877541	1887350	2538
ENSG0000(	605.1996	108.7919	2.4677	9.51E-55	2.44E-53	LNPEP	chr5	+	96271098	96373219	12752
ENSG0000(	609.9291	69.59262	3.1091	1.04E-21	9.46E-21	PDE4D	chr5	-	58264865	59817947	8232
ENSG0000(	457.1608	504.6143	-0.14258	0.34983	0.45413	RAD1	chr5	-	34905369	34919094	5770
ENSG0000(	279.0723	521.8679	-0.89871	4.03E-05	0.000121	BRIX1	chr5	+	34915481	34926101	2380
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AGXT2	chr5	-	34998206	35048198	2364
ENSG0000(	65.85016	37.89435	0.78888	0.025492	0.04912	PRLR	chr5	-	35048861	35230794	11680
ENSG0000(	918.5078	1154.72	-0.32934	0.007504	0.016138	SLC12A7	chr5	-	1050499	1112150	5272
ENSG0000(	0.290301	0	0.4146	0.81455	NA	IL4	chr5	+	1.32E+08	1.32E+08	616
ENSG0000(	468.6957	656.0205	-0.48218	0.010354	0.0217	RAD50	chr5	+	1.32E+08	1.32E+08	6597
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	IL5	chr5	-	1.32E+08	1.32E+08	905
ENSG0000(	157.1819	12.81111	3.6043	6.50E-28	7.67E-27	ST8SIA4	chr5	-	1E+08	1E+08	3585
ENSG0000(	761.9627	1102.433	-0.53259	6.16E-06	2.03E-05	GNPDA1	chr5	-	1.41E+08	1.41E+08	2980
ENSG0000(	16.31937	20.25991	-0.30584	0.54753	0.64754	PCDH12	chr5	-	1.41E+08	1.41E+08	6562
ENSG0000(	2617.015	2214.328	0.24101	0.061154	0.10611	SKP1	chr5	-	1.33E+08	1.34E+08	2033
ENSG0000(	1157.162	2418.73	-1.0625	6.61E-20	5.54E-19	NUP155	chr5	-	37288239	37371283	8143
ENSG0000(	1366.632	1693.845	-0.30869	0.10133	0.16322	PPP2CA	chr5	-	1.34E+08	1.34E+08	4649
ENSG0000(	1152.304	3.930745	8.0645	9.73E-83	4.27E-81	FGF1	chr5	-	1.42E+08	1.42E+08	3660
ENSG0000(	711.4542	203.3971	1.7974	6.56E-12	3.52E-11	NR3C1	chr5	-	1.43E+08	1.43E+08	7286
ENSG0000(	1167.004	491.092	1.2474	7.82E-29	9.52E-28	C5orf15	chr5	-	1.33E+08	1.33E+08	2350
ENSG0000(	483.6177	456.0538	0.084922	0.66461	0.7478	PPWD1	chr5	+	64859063	64883376	2166
ENSG0000(	517.5568	268.0496	0.94814	1.19E-07	4.62E-07	LIFR	chr5	-	38475065	38608456	10089
ENSG0000(	207.2883	121.1575	0.77303	0.008951	0.018989	TRIM23	chr5	-	64885507	64921802	4186
ENSG0000(	266.4693	185.2029	0.52328	0.001707	0.004084	TRAPPC13	chr5	+	64920543	64962060	5994
ENSG0000(	0.923144	0	1.223	0.49292	NA	C9	chr5	-	39284364	39424970	2713
ENSG0000(	986.3225	528.8091	0.89822	1.74E-15	1.17E-14	SEC24A	chr5	+	1.34E+08	1.34E+08	6299
ENSG0000(	1086.489	425.4066	1.3509	2.97E-27	3.41E-26	TXNDC15	chr5	+	1.34E+08	1.34E+08	3548
ENSG0000(	161.7051	68.79168	1.2238	5.07E-05	0.00015	TTC33	chr5	-	40714577	40756077	2612
ENSG0000(	1716.033	1349.726	0.34567	0.069319	0.11813	RARS	chr5	+	1.68E+08	1.68E+08	2146
ENSG0000(	59.6399	1020.411	-4.0841	1.07E-122	8.72E-121	WWC1	chr5	+	1.68E+08	1.68E+08	7130
ENSG0000(	2658.315	1090.68	1.2805	1.01E-08	4.30E-08	H2AFY	chr5	-	1.35E+08	1.35E+08	10982
ENSG0000(	1913.698	2127.765	-0.15239	0.19127	0.27816	TCERG1	chr5	+	1.46E+08	1.46E+08	4654
ENSG0000(	9347.716	12772.23	-0.44993	1.83E-06	6.38E-06	DPYSL3	chr5	-	1.47E+08	1.47E+08	5476
ENSG0000(	1323.747	912.4646	0.53545	9.41E-05	0.000269	SMAD5	chr5	+	1.35E+08	1.36E+08	7011
ENSG0000(	2164.473	1932.69	0.1629	0.11251	0.17863	CSNK1A1	chr5	-	1.49E+08	1.49E+08	6067
ENSG0000(	1639.281	763.8217	1.1013	2.79E-27	3.20E-26	HMGXB3	chr5	+	1.49E+08	1.49E+08	5275
ENSG0000(	3191.607	2515.471	0.34332	0.000327	0.000871	ERGIC1	chr5	+	1.72E+08	1.72E+08	5687
ENSG0000(	4334.938	116.8394	5.2055	0	0	PDGFRB	chr5	-	1.49E+08	1.5E+08	5717
ENSG0000(	1.701545	1.387121	0.24801	0.8566	0.89933	CDX1	chr5	+	1.5E+08	1.5E+08	1757
ENSG0000(	819.1681	457.7916	0.83753	1.89E-06	6.60E-06	ATP6V0E1	chr5	+	1.72E+08	1.72E+08	1433
ENSG0000(	144.5212	126.0282	0.19499	0.30809	0.40985	BNIP1	chr5	+	1.73E+08	1.73E+08	1339
ENSG0000(	114.0825	976.5563	-3.0943	2.03E-106	1.29E-104	STC2	chr5	-	1.73E+08	1.73E+08	5353
ENSG0000(	235.6387	228.8336	0.04187	0.83251	0.88204	CPEB4	chr5	+	1.73E+08	1.73E+08	9483
ENSG0000(	645.4408	110.4348	2.539	2.20E-63	6.91E-62	HRH2	chr5	+	1.75E+08	1.75E+08	3095
ENSG0000(	10880.07	9505.347	0.19446	0.25845	0.35618	DBN1	chr5	-	1.77E+08	1.77E+08	3072
ENSG0000(	310.206	272.7502	0.18584	0.28693	0.38853	ZNF346	chr5	+	1.76E+08	1.77E+08	2774
ENSG0000(	9.472924	235.6315	-4.5436	7.21E-21	6.31E-20	UNC5A	chr5	+	1.76E+08	1.76E+08	3812
ENSG0000(	39.66741	29.00103	0.45567	0.20492	0.29419	EHHADH	chr3	-	1.85E+08	1.85E+08	3850
ENSG0000(	148.2257	2.399549	5.8377	3.41E-25	3.60E-24	CNTN3	chr3	-	74311719	74570291	4948
ENSG0000(	2941.562	1776.829	0.72604	2.88E-05	8.74E-05	SMC4	chr3	+	1.6E+08	1.6E+08	5471
ENSG0000(	551.0642	386.9792	0.50974	0.001408	0.003413	SELK	chr3	-	53918437	53926015	1633
ENSG0000(	512.9721	364.5798	0.49302	0.000121	0.00034	ACTR8	chr3	-	53901093	53916229	3629
ENSG0000(	232.4935	132.5211	0.80799	7.85E-05	0.000227	TBCCD1	chr3	-	1.86E+08	1.86E+08	3058
ENSG0000(	806.0057	871.1018	-0.11226	0.34704	0.45128	TIMMDC1	chr3	+	1.19E+08	1.19E+08	2394
ENSG0000(	276.3571	273.427	0.016889	0.93479	0.95728	CRBN	chr3	-	3190676	3221394	5628
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	HRG	chr3	+	1.86E+08	1.86E+08	4272

ENSG0000(	538.3892	120.6256	2.1395	7.69E-12	4.11E-11	BCL6	chr3	-	1.87E+08	1.87E+08	4178
ENSG0000(	13.77764	3.336716	1.9573	0.006854	0.014863	HGD	chr3	-	1.2E+08	1.2E+08	2005
ENSG0000(	0.632843	1.759397	-1.0742	0.48445	0.58857	CLDN16	chr3	+	1.9E+08	1.9E+08	3273
ENSG0000(	69.59914	28.97593	1.2639	0.000139	0.000388	ARL6	chr3	+	97483365	97519953	1705
ENSG0000(	680.9302	180.2202	1.9147	7.00E-32	9.60E-31	NPHP3	chr3	-	1.32E+08	1.32E+08	7784
ENSG0000(	1.338465	6.488939	-2.0857	0.041168	0.075221	CD86	chr3	+	1.22E+08	1.22E+08	2708
ENSG0000(	1182.476	2100.207	-0.82683	4.51E-12	2.45E-11	AMOTL2	chr3	-	1.34E+08	1.34E+08	4521
ENSG0000(	276.456	216.6028	0.35131	0.019232	0.038104	NIT2	chr3	+	1E+08	1E+08	1655
ENSG0000(	261.2763	829.827	-1.6591	2.23E-12	1.23E-11	FAM162A	chr3	+	1.22E+08	1.22E+08	3052
ENSG0000(	492.5998	287.2216	0.77703	9.68E-06	3.11E-05	OGG1	chr3	+	9791628	9829903	4977
ENSG0000(	1377.756	1059.226	0.37904	0.000352	0.000934	KPNA1	chr3	-	1.22E+08	1.22E+08	6830
ENSG0000(	736.6558	1219.026	-0.72497	9.92E-07	3.55E-06	PCCB	chr3	+	1.36E+08	1.36E+08	6090
ENSG0000(	1362.896	1394.226	-0.03326	0.76309	0.82803	UBE3A	chr15	-	25582381	25684128	5179
ENSG0000(	389.9354	507.0991	-0.37772	0.06498	0.11181	ARMC8	chr3	+	1.38E+08	1.38E+08	4790
ENSG0000(	132.4579	323.1025	-1.2826	1.31E-11	6.89E-11	CEP70	chr3	-	1.38E+08	1.38E+08	2732
ENSG0000(	0.975385	2.321872	-0.98272	0.49682	0.6006	RBP2	chr3	-	1.39E+08	1.39E+08	694
ENSG0000(	729.4829	471.9551	0.628	6.71E-06	2.20E-05	RBP1	chr3	-	1.39E+08	1.39E+08	1935
ENSG0000(	865.622	958.7928	-0.14708	0.23661	0.3307	SLC25A36	chr3	+	1.41E+08	1.41E+08	4638
ENSG0000(	0.705622	1.949596	-1.2155	0.39167	0.49611	GRK7	chr3	+	1.41E+08	1.42E+08	3239
ENSG0000(	1057.096	919.2321	0.20201	0.053323	0.094054	RNF7	chr3	+	1.41E+08	1.41E+08	2763
ENSG0000(	628.8389	970.3869	-0.62427	5.80E-05	0.00017	TFDP2	chr3	-	1.42E+08	1.42E+08	9911
ENSG0000(	751.0005	237.9674	1.6547	3.26E-18	2.52E-17	XRN1	chr3	-	1.42E+08	1.42E+08	10143
ENSG0000(	209.6685	20.05185	3.3733	6.43E-31	8.52E-30	KAT2B	chr3	+	20081515	20195896	4833
ENSG0000(	84.46341	35.8031	1.231	0.000423	0.001109	BCHE	chr3	-	1.65E+08	1.66E+08	2527
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	SERPINI2	chr3	-	1.67E+08	1.67E+08	1837
ENSG0000(	433.5743	478.9317	-0.142	0.444	0.54963	PDCD10	chr3	-	1.67E+08	1.67E+08	2067
ENSG0000(	0.290301	1.012429	-0.95336	0.58114	NA	LRRC31	chr3	-	1.7E+08	1.7E+08	2520
ENSG0000(	4192.324	250.0152	4.0646	3.65E-289	1.62E-286	WNT5A	chr3	-	55499743	55523973	6042
ENSG0000(	395.7542	322.7801	0.29492	0.19073	0.27753	PFKFB4	chr3	-	48555117	48599448	3586
ENSG0000(	163.6495	150.7663	0.1149	0.6983	0.77528	COL7A1	chr3	-	48601506	48632700	9276
ENSG0000(	338.5763	339.2985	-0.00518	0.97211	0.9846	FGF12	chr3	-	1.92E+08	1.92E+08	3058
ENSG0000(	1239.365	849.3076	0.54485	1.28E-07	4.94E-07	PRKAR2A	chr3	-	48782030	48885279	6471
ENSG0000(	1206.78	393.3726	1.6143	2.65E-24	2.70E-23	HES1	chr3	+	1.94E+08	1.94E+08	1578
ENSG0000(	1178.677	630.9315	0.90119	3.14E-14	1.96E-13	USP4	chr3	-	49315264	49378145	3541
ENSG0000(	980.1581	609.8322	0.6821	9.21E-06	2.97E-05	ACAP2	chr3	-	1.95E+08	1.95E+08	7160
ENSG0000(	925.8994	1330.528	-0.52109	0.003422	0.007821	ECT2	chr3	+	1.72E+08	1.73E+08	4363
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	GNAT1	chr3	+	50229045	50233949	2417
ENSG0000(	12322.63	5383.515	1.194	5.68E-45	1.13E-43	GNAI2	chr3	+	50263724	50296787	3886
ENSG0000(	2161.681	957.2944	1.1742	4.22E-23	4.09E-22	TFG	chr3	+	1E+08	1E+08	3271
ENSG0000(	887.2941	673.2817	0.39809	0.011853	0.024518	USP9Y	chrY	+	14813160	14972764	10036
ENSG0000(	37.40922	74.19776	-0.98303	0.001224	0.002995	HYAL1	chr3	-	50337320	50349812	2517
ENSG0000(	519.9734	779.1329	-0.58226	1.52E-06	5.33E-06	TUSC2	chr3	-	50357458	50365682	1691
ENSG0000(	191.4203	199.3964	-0.05847	0.72476	0.79633	NPRL2	chr3	-	50384761	50388522	3113
ENSG0000(	7175.254	11948.36	-0.73486	8.22E-11	4.09E-10	RPL24	chr3	-	1.01E+08	1.01E+08	1857
ENSG0000(	181.8244	86.62759	1.064	6.78E-05	0.000197	CYB561D2	chr3	+	50388126	50395891	1533
ENSG0000(	138.2937	52.86063	1.3775	1.50E-06	5.28E-06	C3orf14	chr3	+	62304648	62321888	3525
ENSG0000(	2039.074	3261.044	-0.67641	3.26E-07	1.22E-06	FXR1	chr3	+	1.81E+08	1.81E+08	3277
ENSG0000(	1223.032	216.8158	2.488	1.51E-33	2.20E-32	CBLB	chr3	-	1.05E+08	1.06E+08	6780
ENSG0000(	1530.31	1413.912	0.11428	0.451	0.5566	BBX	chr3	+	1.07E+08	1.08E+08	8930
ENSG0000(	658.1505	292.0579	1.1711	2.23E-13	1.32E-12	IFT57	chr3	-	1.08E+08	1.08E+08	3203
ENSG0000(	1680.418	575.7303	1.5411	1.05E-19	8.71E-19	GNB4	chr3	-	1.79E+08	1.79E+08	3321
ENSG0000(	0.290301	0.951736	-0.90191	0.60254	NA	HHLA2	chr3	+	1.08E+08	1.08E+08	2666
ENSG0000(	116.4322	85.30681	0.45028	0.065881	0.11314	IQCG	chr3	-	1.98E+08	1.98E+08	3250
ENSG0000(	497.7376	147.2048	1.7565	1.23E-17	9.26E-17	GBE1	chr3	-	81538850	81811312	3461
ENSG0000(	402.6259	738.4728	-0.87129	9.68E-05	0.000277	UMPS	chr3	+	1.24E+08	1.24E+08	2658
ENSG0000(	1595.334	1585.512	0.008941	0.95362	0.97117	NCBP2	chr3	-	1.97E+08	1.97E+08	4161
ENSG0000(	379.4241	279.9712	0.44012	0.002569	0.005982	SNX4	chr3	-	1.25E+08	1.25E+08	2506
ENSG0000(	84.35991	184.3651	-1.1191	7.08E-06	2.32E-05	C3orf52	chr3	+	1.12E+08	1.12E+08	3722
ENSG0000(	190.4883	98.10677	0.9498	6.92E-06	2.26E-05	FRMD4B	chr3	-	69219141	69591734	5261
ENSG0000(	485.6855	414.3877	0.22924	0.10809	0.17245	SLC41A3	chr3	-	1.26E+08	1.26E+08	3828
ENSG0000(	0.653381	0.98329	-0.41986	0.79515	NA	ROPN1B	chr3	+	1.26E+08	1.26E+08	2050
ENSG0000(	7749.669	3300.768	1.23	4.00E-28	4.75E-27	PLXNA1	chr3	+	1.27E+08	1.27E+08	9066
ENSG0000(	793.7071	869.1068	-0.13023	0.22155	0.31368	ATP6V1A	chr3	+	1.13E+08	1.14E+08	4591
ENSG0000(	352.4967	159.7161	1.135	1.34E-05	4.23E-05	ABTB1	chr3	+	1.27E+08	1.27E+08	5061
ENSG0000(	265.4286	874.7171	-1.7161	3.94E-23	3.83E-22	PODXL2	chr3	+	1.27E+08	1.27E+08	2186

ENSG0000(	0.870904	4.380699	-1.8962	0.13617	0.20926	UPK1B	chr3	+	1.19E+08	1.19E+08	2118
ENSG0000(	8.093218	86.21027	-3.3655	1.73E-09	7.83E-09	CSPG5	chr3	-	47603729	47622282	4161
ENSG0000(	659.0218	461.7511	0.51132	0.03255	0.06103	KLHL18	chr3	+	47324407	47388306	4620
ENSG0000(	1239.768	2764.259	-1.1553	5.46E-21	4.81E-20	SCAP	chr3	-	47455203	47518616	4394
ENSG0000(	0.290301	37.11683	-5.8961	1.71E-07	6.55E-07	EFCC1	chr3	+	1.29E+08	1.29E+08	2691
ENSG0000(	0	58.85934	-7.3131	4.37E-10	2.07E-09	KIAA1257	chr3	-	1.29E+08	1.29E+08	6034
ENSG0000(	77.78648	27.23922	1.5026	9.05E-07	3.24E-06	NEK11	chr3	+	1.31E+08	1.31E+08	2914
ENSG0000(	1467.203	2284.823	-0.63792	1.55E-05	4.85E-05	MRPL3	chr3	-	1.31E+08	1.31E+08	1706
ENSG0000(	1092.916	20.6289	5.7119	1.41E-140	1.41E-138	PLSCR4	chr3	-	1.46E+08	1.46E+08	3303
ENSG0000(	344.5635	216.267	0.67051	0.000119	0.000337	HEMK1	chr3	+	50606583	50622366	6087
ENSG0000(	107.6992	35.30702	1.5989	6.28E-07	2.29E-06	CISH	chr3	-	50643921	50649262	5042
ENSG0000(	398.2738	1205.672	-1.594	3.77E-38	6.32E-37	MAPKAPK3	chr3	+	50648951	50686720	2988
ENSG0000(	78.47092	518.7588	-2.7127	1.42E-33	2.07E-32	ACVR2B	chr3	+	38495342	38524948	5370
ENSG0000(	578.7741	741.4964	-0.35574	0.002669	0.006204	WDR48	chr3	+	39093489	39138155	4925
ENSG0000(	493.8326	508.4559	-0.04216	0.77431	0.83767	COMMD2	chr3	-	1.49E+08	1.49E+08	3706
ENSG0000(	998.7928	682.1994	0.54879	0.001007	0.002494	GORASP1	chr3	-	39138150	39149854	3722
ENSG0000(	27.71796	23.22193	0.24596	0.5594	0.65812	PEX5L	chr3	-	1.8E+08	1.8E+08	9082
ENSG0000(	563.9353	1148.29	-1.0231	5.57E-09	2.41E-08	RRP9	chr3	-	51967446	51975957	1578
ENSG0000(	713.5396	771.4541	-0.1129	0.41819	0.52343	ABCC5	chr3	-	1.84E+08	1.84E+08	5921
ENSG0000(	220.8109	157.6758	0.48393	0.054613	0.096016	ABHD14B	chr3	-	52002526	52017425	2236
ENSG0000(	381.8969	1006.571	-1.394	1.15E-21	1.04E-20	EIF1B	chr3	+	40351175	40353915	1010
ENSG0000(	0.975385	0.715414	0.31771	0.85093	NA	ABHD14A-/	chr3	+	52009066	52023199	1836
ENSG0000(	109.6217	426.1698	-1.9577	3.73E-29	4.60E-28	ARHGEF26	chr3	+	1.54E+08	1.54E+08	5254
ENSG0000(	257.1619	398.3473	-0.62624	0.04043	0.074054	KLHL24	chr3	+	1.83E+08	1.83E+08	3848
ENSG0000(	302.7471	238.4634	0.34548	0.020855	0.040971	PLCH1	chr3	-	1.55E+08	1.55E+08	6413
ENSG0000(	0.36308	40.72942	-6.094	9.86E-09	4.19E-08	VIPR1	chr3	+	42530791	42579059	3759
ENSG0000(	177.9443	36.41995	2.2606	1.59E-14	1.02E-13	DNAH1	chr3	+	52350335	52434507	13300
ENSG0000(	6286.647	2091.517	1.5848	1.50E-23	1.48E-22	SSR3	chr3	-	1.56E+08	1.56E+08	3716
ENSG0000(	483.3064	165.6077	1.5381	6.76E-20	5.67E-19	ZBTB47	chr3	+	42695176	42709072	5507
ENSG0000(	37.52145	10.76927	1.7863	8.11E-05	0.000234	TNNC1	chr3	-	52485118	52488086	727
ENSG0000(	2487.591	1351.908	0.87887	5.13E-12	2.77E-11	NKTR	chr3	+	42642106	42690227	7964
ENSG0000(	110.6589	259.226	-1.2267	1.18E-12	6.64E-12	CLCN2	chr3	-	1.84E+08	1.84E+08	3290
ENSG0000(	3061.973	251.5795	3.6013	1.24E-162	1.67E-160	FOXP1	chr3	-	71003844	71633140	7114
ENSG0000(	11267.46	11635.14	-0.04616	0.81565	0.87063	EIF4G1	chr3	+	1.84E+08	1.84E+08	5667
ENSG0000(	703.7592	720.9805	-0.03388	0.81064	0.86665	SPCS1	chr3	+	52738971	52742182	1274
ENSG0000(	390.7639	449.7489	-0.20291	0.24807	0.34428	NEK4	chr3	-	52744800	52804965	3722
ENSG0000(	556.5486	229.9369	1.2715	8.70E-18	6.62E-17	SLC4A3	chr2	+	2.2E+08	2.21E+08	4454
ENSG0000(	273.9701	555.0164	-1.0127	0.000151	0.000422	INO80D	chr2	-	2.07E+08	2.07E+08	14136
ENSG0000(	3903.788	4324.089	-0.14712	0.34516	0.44925	EEF1B2	chr2	+	2.07E+08	2.07E+08	1098
ENSG0000(	279.4102	359.1217	-0.36029	0.026128	0.050195	ADAM23	chr2	+	2.07E+08	2.07E+08	6327
ENSG0000(	456.2557	490.8324	-0.10492	0.4264	0.53178	DGUOK	chr2	+	74153953	74186088	1144
ENSG0000(	1254.053	812.7107	0.62443	4.10E-09	1.79E-08	MOB1A	chr2	-	74382165	74406025	2375
ENSG0000(	1090.814	883.5454	0.30419	0.007086	0.015325	KANSL3	chr2	-	97258907	97308524	5253
ENSG0000(	475.129	314.0723	0.59684	0.00011	0.000311	LMAN2L	chr2	-	97371666	97405801	2410
ENSG0000(	879.1121	975.3422	-0.14946	0.30618	0.40776	RTKN	chr2	-	74652963	74669549	2646
ENSG0000(	1749.356	739.2834	1.241	7.07E-32	9.69E-31	TTL	chr2	+	1.13E+08	1.13E+08	5180
ENSG0000(	1.048164	3.694423	-1.5996	0.18881	0.27515	IL1A	chr2	-	1.14E+08	1.14E+08	2124
ENSG0000(	25.83499	0	6.2706	7.76E-08	3.05E-07	CCL20	chr2	+	2.29E+08	2.29E+08	831
ENSG0000(	1425.876	817.1731	0.80212	1.40E-08	5.86E-08	PIKFYVE	chr2	+	2.09E+08	2.09E+08	9901
ENSG0000(	125.0241	46.09998	1.4191	2.32E-05	7.14E-05	KCNIP3	chr2	+	95963052	96051825	3658
ENSG0000(	619.808	548.5946	0.17705	0.17871	0.26266	FAHD2A	chr2	+	96068469	96082364	4757
ENSG0000(	11574.88	24845.78	-1.0998	3.50E-12	1.91E-11	NCL	chr2	-	2.32E+08	2.32E+08	4034
ENSG0000(	1129.264	696.4781	0.69636	1.98E-11	1.03E-10	ACTR1B	chr2	-	98272431	98280570	2238
ENSG0000(	684.7738	193.4384	1.8203	4.68E-40	8.24E-39	SLC35F5	chr2	-	1.14E+08	1.15E+08	4412
ENSG0000(	0	2.370411	-2.6458	0.10384	0.16657	ZAP70	chr2	+	98330023	98356325	3273
ENSG0000(	3613.084	1641.397	1.1369	1.92E-19	1.57E-18	ACTR3	chr2	+	1.15E+08	1.15E+08	6718
ENSG0000(	765.8791	357.5224	1.0952	4.87E-11	2.47E-10	STEAP3	chr2	+	1.2E+08	1.2E+08	4282
ENSG0000(	242.4947	591.7013	-1.2832	2.30E-13	1.36E-12	EPB41L5	chr2	+	1.21E+08	1.21E+08	6628
ENSG0000(	0	150.9579	-8.6761	2.15E-15	1.44E-14	TFCP2L1	chr2	-	1.22E+08	1.22E+08	9292
ENSG0000(	702.4248	784.8576	-0.15871	0.2179	0.30936	SF3B14	chr2	-	24290454	24299313	770
ENSG0000(	1705.779	267.4155	2.6639	3.04E-33	4.39E-32	TP53I3	chr2	-	24300303	24308731	1998
ENSG0000(	76.20914	61.98302	0.2929	0.29468	0.39675	DNAJC27	chr2	-	25166505	25194963	4992
ENSG0000(	0.290301	59.21865	-6.5977	3.35E-10	1.60E-09	POMC	chr2	-	25383722	25391772	1426
ENSG0000(	671.3977	135.3422	2.3056	1.51E-39	2.62E-38	STAM2	chr2	-	1.53E+08	1.53E+08	5701
ENSG0000(	4.750114	3.290593	0.50294	0.5906	0.68556	OTOF	chr2	-	26680071	26781566	7156

ENSG0000(	584.3384	499.7382	0.22551	0.15177	0.22933	GPD2	chr2	+	1.57E+08	1.57E+08	6041
ENSG0000(	214.1084	321.9764	-0.58634	0.003771	0.008553	CENPA	chr2	+	26987157	27023935	1452
ENSG0000(	2.334388	4.320007	-0.8192	0.40638	0.51119	CYTIP	chr2	-	1.58E+08	1.58E+08	2260
ENSG0000(	831.8853	244.4361	1.7647	2.73E-46	5.65E-45	ACVR1	chr2	-	1.59E+08	1.59E+08	3045
ENSG0000(	2620.288	329.5973	2.9875	6.20E-161	8.28E-159	TANC1	chr2	+	1.6E+08	1.6E+08	7586
ENSG0000(	6.567306	109.229	-3.9863	3.56E-18	2.75E-17	SLC30A3	chr2	-	27476552	27498685	3448
ENSG0000(	754.6267	536.0181	0.49387	5.55E-05	0.000163	MPV17	chr2	-	27532360	27548547	2011
ENSG0000(	925.0633	1648.115	-0.83178	1.26E-08	5.30E-08	GTF3C2	chr2	-	27548716	27579868	3992
ENSG0000(	600.3624	640.2092	-0.09314	0.47652	0.58104	EIF2B4	chr2	-	27587219	27593353	4293
ENSG0000(	3653.161	2348.046	0.63758	1.66E-11	8.68E-11	NRBP1	chr2	+	27650657	27665126	2887
ENSG0000(	9.326388	1.355566	2.5852	0.005989	0.013134	ITGB6	chr2	-	1.61E+08	1.61E+08	4675
ENSG0000(	465.0521	284.9358	0.70495	3.54E-05	0.000106	FNDC4	chr2	-	27714750	27718112	1657
ENSG0000(	1369.242	26.00504	5.7091	2.97E-171	4.54E-169	ITGA4	chr2	+	1.82E+08	1.82E+08	4189
ENSG0000(	1273.555	1054.954	0.27127	0.15976	0.23938	PSMD14	chr2	+	1.62E+08	1.62E+08	4890
ENSG0000(	2323.636	1389.844	0.7414	5.89E-13	3.40E-12	SNX17	chr2	+	27593389	27599995	2044
ENSG0000(	17.37592	13.09926	0.3881	0.47636	0.58094	GPR75-ASB	chr2	-	53759810	54087170	2648
ENSG0000(	2762.738	4926.734	-0.83337	7.80E-11	3.89E-10	PPM1G	chr2	-	27604061	27632554	3752
ENSG0000(	1.95077	0.654722	1.1954	0.43061	0.53612	PDE1A	chr2	-	1.83E+08	1.83E+08	4885
ENSG0000(	122.3272	403.1725	-1.7122	6.28E-11	3.16E-10	REEP6	chr19	+	1491165	1497926	1375
ENSG0000(	54.15507	158.075	-1.5324	1.07E-05	3.42E-05	PCSK4	chr19	-	1481427	1490751	2855
ENSG0000(	1.887365	0	2.1461	0.21553	NA	GCG	chr2	-	1.63E+08	1.63E+08	1280
ENSG0000(	180.4342	128.8765	0.47796	0.23199	0.32553	APC2	chr19	+	1446300	1473243	11650
ENSG0000(	26.5398	20.90651	0.33771	0.4618	0.56691	IFIH1	chr2	-	1.63E+08	1.63E+08	3595
ENSG0000(	7329.471	11498.73	-0.64916	3.10E-11	1.59E-10	RPS15	chr19	+	1438358	1440583	1610
ENSG0000(	44.71304	330.9901	-2.8778	1.08E-45	2.19E-44	GCA	chr2	+	1.63E+08	1.63E+08	1992
ENSG0000(	423.9973	223.8815	0.92004	2.85E-09	1.26E-08	INO80B	chr2	+	74682150	74688011	2040
ENSG0000(	2418.657	1446.354	0.74053	1.78E-09	8.02E-09	MOGS	chr2	-	74688184	74692537	2895
ENSG0000(	524.6609	420.5021	0.3187	0.007918	0.016937	TTC31	chr2	+	74710200	74722013	4025
ENSG0000(	506.6858	730.632	-0.52629	0.006027	0.013215	NDUFS7	chr19	+	1383526	1395583	3743
ENSG0000(	191.7468	96.89421	0.98027	0.000971	0.002413	PCGF1	chr2	-	74732170	74735707	1792
ENSG0000(	10.57072	130.595	-3.5634	2.74E-22	2.56E-21	GRB14	chr2	-	1.65E+08	1.65E+08	2382
ENSG0000(	262.2852	4.943174	5.6498	2.15E-44	4.24E-43	CLIP4	chr2	+	29320571	29412509	4293
ENSG0000(	3.257533	2.353426	0.4393	0.67154	0.75401	TLX2	chr2	+	74740590	74744274	2136
ENSG0000(	14149.06	7169.522	0.98029	2.05E-32	2.87E-31	SPTBN1	chr2	+	54683422	54896812	9075
ENSG0000(	936.7363	754.6677	0.31128	0.10703	0.17102	AUP1	chr2	-	74753772	74757066	1695
ENSG0000(	9590.379	5304.421	0.85384	7.92E-20	6.62E-19	RTN4	chr2	-	55199325	55339757	4790
ENSG0000(	252.9263	188.9226	0.41835	0.012269	0.025314	HTRA2	chr2	+	74756504	74760472	2367
ENSG0000(	5548.087	67.01112	6.3464	1.19E-184	2.12E-182	LOXL3	chr2	-	74759541	74782817	3502
ENSG0000(	2364.477	50.07914	5.5453	1.20E-224	3.37E-222	DOK1	chr2	+	74776153	74784681	2555
ENSG0000(	3.184754	263.2273	-6.2002	4.88E-36	7.63E-35	GALNT3	chr2	-	1.67E+08	1.67E+08	3868
ENSG0000(	383.3759	170.9941	1.1638	8.34E-13	4.76E-12	POLE4	chr2	+	75185619	75197255	1248
ENSG0000(	1.048164	0.98329	0.047263	0.97597	0.9865	TACR1	chr2	-	75276231	75426826	2318
ENSG0000(	2982.706	1356.48	1.1327	4.91E-07	1.80E-06	CCDC88A	chr2	-	55514978	55647057	9811
ENSG0000(	0.290301	2.292733	-2.0944	0.16266	0.24304	ACADL	chr2	-	2.11E+08	2.11E+08	2543
ENSG0000(	499.7904	35.36295	3.8004	1.37E-38	2.32E-37	EVA1A	chr2	-	75696428	75796848	1815
ENSG0000(	473.692	525.5607	-0.14848	0.25187	0.34866	MRPL19	chr2	+	75873909	75917977	3479
ENSG0000(	1101.1	634.5268	0.7936	1.29E-08	5.41E-08	LANCL1	chr2	-	2.11E+08	2.11E+08	4781
ENSG0000(	611.1545	923.7541	-0.5943	0.001015	0.002512	WDR75	chr2	+	1.9E+08	1.9E+08	4297
ENSG0000(	295.5927	600.6778	-1.0218	1.58E-12	8.82E-12	EFEMP1	chr2	-	56093102	56151274	3024
ENSG0000(	0	15.24389	-5.546	4.61E-06	1.54E-05	REG1A	chr2	+	79347488	79350545	901
ENSG0000(	203.9881	171.3575	0.25161	0.15215	0.22979	FANCL	chr2	-	58386378	58468507	1698
ENSG0000(	651401	5685.852	6.8303	0	0	FN1	chr2	-	2.16E+08	2.16E+08	9171
ENSG0000(	1666.498	928.6244	0.84242	6.92E-14	4.22E-13	STAT1	chr2	-	1.92E+08	1.92E+08	4310
ENSG0000(	3084.584	969.9766	1.6652	8.24E-22	7.53E-21	GLS	chr2	+	1.92E+08	1.92E+08	4834
ENSG0000(	311.4908	379.976	-0.28776	0.084242	0.13969	PAPOLG	chr2	+	60983365	61029220	6074
ENSG0000(	1.722083	0.654722	1.0716	0.46463	0.56959	DNAH6	chr2	+	84743579	85046713	12795
ENSG0000(	71.31185	145.1697	-1.0207	1.96E-05	6.07E-05	PECR	chr2	-	2.17E+08	2.17E+08	1853
ENSG0000(	312.6645	279.7334	0.16133	0.25198	0.34875	UNC50	chr2	+	99225042	99234978	2172
ENSG0000(	12287.99	11784.08	0.060301	0.73364	0.80325	IGFBP2	chr2	+	2.17E+08	2.18E+08	4414
ENSG0000(	278.6582	131.7088	1.0732	1.93E-06	6.70E-06	ELMOD3	chr2	+	85581517	85618875	4761
ENSG0000(	25899.04	151.7117	7.4	0	0	IGFBP5	chr2	-	2.18E+08	2.18E+08	6215
ENSG0000(	3449.194	1609.475	1.0977	8.53E-11	4.24E-10	USP34	chr2	-	61414598	61697904	11357
ENSG0000(	127.7626	426.5887	-1.73	1.23E-11	6.46E-11	EFHD1	chr2	+	2.33E+08	2.34E+08	2259
ENSG0000(	0.342542	3.083409	-2.3942	0.10777	0.17204	KCNJ13	chr2	-	2.34E+08	2.34E+08	2950
ENSG0000(	3162.46	4952.843	-0.64674	1.52E-10	7.45E-10	CCT4	chr2	-	62095224	62115939	2520

ENSG0000(	1241.895	407.0004	1.6093	2.18E-38	3.67E-37	GGCX	chr2	-	85774743	85788670	3222
ENSG0000(	0.36308	0	0.4146	0.81455	NA	NEU2	chr2	+	2.34E+08	2.34E+08	1143
ENSG0000(	678.573	307.9575	1.1383	6.71E-18	5.12E-17	EHBP1	chr2	+	62900986	63273622	5165
ENSG0000(	1.016461	3.215331	-1.4283	0.26602	0.36476	OTX1	chr2	+	63277192	63284971	2861
ENSG0000(	346.4156	205.537	0.75238	0.000676	0.00172	TXNDC9	chr2	-	99935445	99957165	1637
ENSG0000(	383.3519	232.0724	0.72445	4.47E-07	1.65E-06	COQ10B	chr2	+	1.98E+08	1.98E+08	2239
ENSG0000(	0	4.006007	-3.5479	0.014348	0.029184	GNLY	chr2	+	85912298	85925977	2055
ENSG0000(	5354.872	5346.519	0.002373	0.9839	0.99083	SF3B1	chr2	-	1.98E+08	1.98E+08	4336
ENSG0000(	736.3209	44.80914	4.0058	1.73E-46	3.57E-45	ST3GAL5	chr2	-	86066267	86116137	3487
ENSG0000(	277.7738	619.2172	-1.1517	3.00E-10	1.44E-09	CHST10	chr2	-	1.01E+08	1.01E+08	2837
ENSG0000(	401.4901	420.1124	-0.06487	0.70491	0.78064	PDCL3	chr2	+	1.01E+08	1.01E+08	1337
ENSG0000(	188.162	382.7646	-1.0218	4.48E-12	2.43E-11	MOB4	chr2	+	1.98E+08	1.98E+08	3986
ENSG0000(	136.3122	371.4694	-1.4439	4.17E-21	3.70E-20	HSPE1	chr2	+	1.98E+08	1.98E+08	950
ENSG0000(	493.7451	694.112	-0.48819	0.046632	0.083733	KDM3A	chr2	+	86667770	86719839	8741
ENSG0000(	389.5749	99.577	1.9526	9.39E-10	4.35E-09	PLCD4	chr2	+	2.19E+08	2.2E+08	4350
ENSG0000(	669.4809	165.342	2.0157	5.61E-44	1.10E-42	CHMP3	chr2	-	86730554	86948245	3171
ENSG0000(	611.7005	602.4781	0.022191	0.92806	0.95231	ZNF142	chr2	-	2.2E+08	2.2E+08	6034
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	SMYD1	chr2	+	88367299	88412906	4433
ENSG0000(	145.2635	6.520493	4.4079	6.68E-30	8.50E-29	IL1R1	chr2	+	1.03E+08	1.03E+08	5143
ENSG0000(	0.72616	0.357707	0.52227	0.76959	NA	WNT6	chr2	+	2.2E+08	2.2E+08	1703
ENSG0000(	0.995923	0	1.4959	0.39264	NA	IL1RL2	chr2	+	1.03E+08	1.03E+08	2615
ENSG0000(	1.846289	2.087966	-0.11197	0.9361	0.95778	IL18R1	chr2	+	1.03E+08	1.03E+08	3854
ENSG0000(	1.161205	0	1.2509	0.47995	NA	SLC9A2	chr2	+	1.03E+08	1.03E+08	5410
ENSG0000(	456.718	282.1261	0.69483	0.000105	0.000299	FHL2	chr2	-	1.06E+08	1.06E+08	4881
ENSG0000(	198.9828	99.3766	0.99221	9.89E-06	3.17E-05	MLPH	chr2	+	2.38E+08	2.38E+08	3823
ENSG0000(	619.2339	511.3151	0.27776	0.046129	0.082952	CNPPD1	chr2	-	2.2E+08	2.2E+08	2073
ENSG0000(	1015.444	690.5533	0.55637	0.000281	0.000757	UXS1	chr2	-	1.07E+08	1.07E+08	2907
ENSG0000(	6.837069	6.179772	0.13528	0.86983	0.90945	ABCB6	chr2	-	2.2E+08	2.2E+08	3016
ENSG0000(	358.3263	332.9339	0.10831	0.4635	0.56852	STK16	chr2	+	2.2E+08	2.2E+08	2868
ENSG0000(	0	1.029414	-1.1526	0.51496	NA	SLC5A7	chr2	+	1.09E+08	1.09E+08	5152
ENSG0000(	23155.59	7361.886	1.6523	2.82E-82	1.23E-80	HDLBP	chr2	-	2.42E+08	2.42E+08	6372
ENSG0000(	852.351	690.2331	0.30456	0.011176	0.023243	PPP1R7	chr2	+	2.42E+08	2.42E+08	2386
ENSG0000(	527.1802	1636.408	-1.6327	9.58E-31	1.26E-29	PASK	chr2	-	2.42E+08	2.42E+08	5174
ENSG0000(	3358.023	3281.318	0.03348	0.74918	0.81649	STK25	chr2	-	2.42E+08	2.42E+08	4619
ENSG0000(	8.330465	47.22722	-2.4768	2.33E-08	9.58E-08	TPO	chr2	+	1377995	1547483	5391
ENSG0000(	6.80618	9.750394	-0.52085	0.45463	0.55998	PROC	chr2	+	1.28E+08	1.28E+08	1853
ENSG0000(	464.514	737.676	-0.66519	1.34E-05	4.24E-05	ID2	chr2	+	8818975	8824583	2041
ENSG0000(	260.3161	261.3516	-0.0059	0.97682	0.98684	TAF1B	chr2	+	9983483	10074545	2387
ENSG0000(	630.091	339.0875	0.89065	3.67E-07	1.36E-06	HPCAL1	chr2	+	10443015	10567743	4781
ENSG0000(	1492.857	1896.322	-0.34252	0.24688	0.34285	ODC1	chr2	-	10580094	10588630	2653
ENSG0000(	2455.576	1258.744	0.96348	1.70E-20	1.47E-19	BIRC6	chr2	+	32582096	32843966	15703
ENSG0000(	347.9509	446.3747	-0.35739	0.04974	0.088572	NOL10	chr2	-	10710892	10830101	3333
ENSG0000(	1793.556	2277.658	-0.34464	0.000216	0.000589	PLEKHB2	chr2	+	1.32E+08	1.32E+08	4307
ENSG0000(	2394.744	1660.9	0.52771	1.27E-07	4.91E-07	GORASP2	chr2	+	1.72E+08	1.72E+08	3173
ENSG0000(	720.2739	753.209	-0.06561	0.57855	0.67504	STRN	chr2	-	37070783	37193615	8168
ENSG0000(	531.5204	2414.001	-2.1766	2.01E-31	2.72E-30	CEBPZ	chr2	-	37428755	37458856	3463
ENSG0000(	1344.316	869.5834	0.62816	7.32E-07	2.65E-06	PRKD3	chr2	-	37477645	37551951	6111
ENSG0000(	275.0337	473.6102	-0.78245	1.28E-05	4.07E-05	DCAF17	chr2	+	1.72E+08	1.72E+08	5828
ENSG0000(	89.21678	34.09956	1.379	1.49E-05	4.69E-05	QPCT	chr2	+	37571717	37600465	1739
ENSG0000(	960.0849	702.7919	0.4499	3.71E-05	0.000111	RAB3GAP1	chr2	+	1.36E+08	1.36E+08	4914
ENSG0000(	263.9927	138.7048	0.9278	4.25E-06	1.42E-05	SLC25A12	chr2	-	1.73E+08	1.73E+08	2979
ENSG0000(	38.88566	15.38629	1.3212	0.002464	0.005749	RMDN2	chr2	+	38150330	38294285	2280
ENSG0000(	1099.447	2.087966	8.8755	4.74E-59	1.35E-57	DLX2	chr2	-	1.73E+08	1.73E+08	2453
ENSG0000(	4.802355	2.416535	0.89686	0.43318	0.53858	LCT	chr2	-	1.37E+08	1.37E+08	6279
ENSG0000(	462.917	1247.121	-1.427	1.30E-30	1.70E-29	DARS	chr2	-	1.37E+08	1.37E+08	2361
ENSG0000(	2228.462	4393.806	-0.97623	1.15E-06	4.07E-06	SRSF7	chr2	-	38970741	38978636	2857
ENSG0000(	6338.862	1612.968	1.9706	4.70E-40	8.26E-39	SDC1	chr2	-	20400558	20425194	3291
ENSG0000(	89.60505	0.715414	6.5638	3.74E-14	2.32E-13	PLCL1	chr2	+	1.99E+08	1.99E+08	6665
ENSG0000(	772.7532	47.29678	4.0212	1.03E-116	7.54E-115	SLC1A4	chr2	+	65215611	65250999	5789
ENSG0000(	1010.031	582.6702	0.78941	0.001508	0.003639	SOS1	chr2	-	39208537	39351486	8517
ENSG0000(	3.660875	3.071256	0.2581	0.81853	0.87259	KYNU	chr2	+	1.44E+08	1.44E+08	1805
ENSG0000(	1932.212	117.7509	4.0214	5.43E-134	5.10E-132	WIPF1	chr2	-	1.75E+08	1.76E+08	4587
ENSG0000(	390.1138	719.1762	-0.88135	2.40E-13	1.42E-12	ORC2	chr2	-	2.02E+08	2.02E+08	4312
ENSG0000(	1326.079	1381.356	-0.05875	0.53901	0.63959	COX7A2L	chr2	-	42560686	42596150	3056
ENSG0000(	219.2653	396.0273	-0.84618	0.00527	0.01169	PNO1	chr2	+	68384976	68403370	2286

ENSG0000(	265.7018	529.9537	-0.99154	1.56E-07	5.99E-07	ORC4	chr2	-	1.49E+08	1.49E+08	3091
ENSG0000(	4.564295	2.786395	0.67221	0.51636	0.61914	PLEK	chr2	+	68592305	68624585	2869
ENSG0000(	1535.763	1322.061	0.21582	0.32962	0.43268	RND3	chr2	-	1.51E+08	1.51E+08	2777
ENSG0000(	710.4378	244.7757	1.5368	1.43E-18	1.12E-17	ATF2	chr2	-	1.76E+08	1.76E+08	4176
ENSG0000(	541.2902	420.5286	0.36399	0.008445	0.017983	THADA	chr2	-	43393800	43823185	6939
ENSG0000(	530.038	173.6594	1.6028	3.33E-21	2.97E-20	AAK1	chr2	-	69688532	69901481	4499
ENSG0000(	1334.873	209.7083	2.6621	1.39E-44	2.74E-43	TRAK2	chr2	-	2.02E+08	2.02E+08	6510
ENSG0000(	131.7284	79.9363	0.71557	0.025962	0.049928	C2orf42	chr2	-	70377012	70475747	2581
ENSG0000(	1480.314	1231.041	0.26567	0.13307	0.20558	TIA1	chr2	-	70436576	70475792	4647
ENSG0000(	1539.755	940.6254	0.71019	2.02E-11	1.05E-10	PCYOX1	chr2	+	70484518	70508323	5345
ENSG0000(	0.342542	76.98657	-6.9632	8.72E-12	4.65E-11	KISS1R	chr19	+	917287	921015	1680
ENSG0000(	543.5949	68.92353	2.9748	6.38E-69	2.25E-67	EPAS1	chr2	+	46520806	46613836	5160
ENSG0000(	1181.77	3374.11	-1.511	4.92E-25	5.13E-24	ARID3A	chr19	+	925781	975939	5983
ENSG0000(	1546.303	2207.069	-0.5125	1.32E-05	4.17E-05	SUMO1	chr2	-	2.03E+08	2.03E+08	1536
ENSG0000(	4.741555	22.89907	-2.2012	0.001697	0.004063	GRIN3B	chr19	+	1000418	1009731	3281
ENSG0000(	4.264621	0.640152	2.2595	0.083866	0.13917	VAX2	chr2	+	71127720	71160576	1147
ENSG0000(	2.572449	0.357707	2.2292	0.13095	0.20289	ATP6V1B1	chr2	+	71163012	71192536	1905
ENSG0000(	626.5771	268.209	1.2239	7.04E-14	4.29E-13	NFE2L2	chr2	-	1.78E+08	1.78E+08	2853
ENSG0000(	1808.502	4217.358	-1.221	1.48E-42	2.77E-41	MSH6	chr2	+	48010221	48034092	4328
ENSG0000(	245.7861	143.8085	0.76977	1.67E-05	5.22E-05	PLEKHA3	chr2	+	1.79E+08	1.79E+08	2784
ENSG0000(	233.7992	88.87756	1.3899	1.76E-13	1.05E-12	SPR	chr2	+	73114489	73119287	1480
ENSG0000(	749.1759	125.2009	2.5774	4.58E-33	6.55E-32	EPHA4	chr2	-	2.22E+08	2.22E+08	6346
ENSG0000(	105.5893	45.13832	1.2269	5.42E-05	0.00016	PARD3B	chr2	+	2.05E+08	2.06E+08	8174
ENSG0000(	631.4679	916.7703	-0.53638	0.005522	0.012191	FARSB	chr2	-	2.23E+08	2.24E+08	3369
ENSG0000(	907.5323	758.4544	0.25929	0.13329	0.2059	ALMS1	chr2	+	73612886	73837920	12922
ENSG0000(	1314.103	1722.737	-0.39	0.001535	0.003701	BCL9	chr1	+	1.47E+08	1.47E+08	6278
ENSG0000(	9163.979	6.176483	7.3894	1.09E-06	3.88E-06	PRRX1	chr1	+	1.71E+08	1.71E+08	4284
ENSG0000(	10986.72	10303.81	0.092105	0.72781	0.79868	DHCR24	chr1	-	55315306	55352891	4250
ENSG0000(	423.1933	292.7662	0.53094	0.000812	0.002044	DNAJC16	chr1	+	15853308	15918874	6299
ENSG0000(	22.53296	411.8805	-4.1566	7.52E-43	1.43E-41	MARK1	chr1	+	2.21E+08	2.21E+08	5230
ENSG0000(	52.77634	88.86225	-0.75312	0.009437	0.019921	MORN1	chr1	-	2252692	2323146	1907
ENSG0000(	762.3978	184.4318	2.0444	2.06E-38	3.48E-37	GPX7	chr1	+	53068044	53074723	1228
ENSG0000(	1133.089	2091.508	-0.8832	1.36E-14	8.74E-14	CACYBP	chr1	+	1.75E+08	1.75E+08	2834
ENSG0000(	1064.054	507.8093	1.0673	6.37E-18	4.87E-17	SCP2	chr1	+	53392901	53517375	5204
ENSG0000(	2.427705	84.64886	-5.0065	2.98E-15	1.98E-14	TPSG1	chr16	-	1271651	1275257	1108
ENSG0000(	20.09491	37.84011	-0.8973	0.028429	0.054113	PAPPA2	chr1	+	1.76E+08	1.77E+08	9685
ENSG0000(	392.1094	775.9211	-0.98413	6.61E-10	3.10E-09	RALGPS2	chr1	+	1.79E+08	1.79E+08	5834
ENSG0000(	25.11299	3.976869	2.5804	2.83E-05	8.62E-05	ANGPTL1	chr1	-	1.79E+08	1.79E+08	3348
ENSG0000(	649.6801	499.1133	0.37848	0.01006	0.02114	CEP104	chr1	-	3728645	3773778	6424
ENSG0000(	1431.624	1193.409	0.2617	0.013268	0.027201	FAM20B	chr1	+	1.79E+08	1.79E+08	5984
ENSG0000(	156.1546	191.246	-0.28845	0.22612	0.31892	TCEANC2	chr1	+	54519260	54578192	4097
ENSG0000(	946.8273	1045.207	-0.14199	0.1989	0.28723	TMEM59	chr1	-	54497347	54519177	2473
ENSG0000(	634.0301	525.9891	0.26933	0.09019	0.14804	LRRC42	chr1	+	54411750	54433841	2037
ENSG0000(	368.4448	498.507	-0.43704	0.001188	0.002912	WRAP73	chr1	-	3547331	3569325	6089
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	NPHS2	chr1	-	1.8E+08	1.8E+08	1855
ENSG0000(	1941.56	2466.881	-0.34494	0.000314	0.000839	MRPL37	chr1	+	54649714	54691137	1582
ENSG0000(	2217.661	3902.178	-0.81352	4.85E-07	1.78E-06	ICMT	chr1	-	6281253	6296032	4771
ENSG0000(	3877.089	5730.919	-0.56322	4.39E-09	1.91E-08	RPL22	chr1	-	6241329	6269449	2279
ENSG0000(	1.161205	139.9346	-6.4323	2.99E-18	2.32E-17	CHD5	chr1	-	6161853	6240183	9646
ENSG0000(	6786.572	3582.871	0.92073	6.11E-19	4.88E-18	QSOX1	chr1	+	1.8E+08	1.8E+08	9311
ENSG0000(	348.1013	359.6038	-0.04588	0.80734	0.86399	STXBP3	chr1	+	1.09E+08	1.09E+08	2536
ENSG0000(	1002.939	1389.771	-0.47033	0.000105	0.000299	PHF13	chr1	+	6673745	6684093	3681
ENSG0000(	2840.346	1012.555	1.4848	8.72E-18	6.64E-17	ERRFI1	chr1	-	8064464	8086368	3104
ENSG0000(	3084.971	2904.427	0.087201	0.46413	0.56915	PARK7	chr1	+	8014351	8045565	1088
ENSG0000(	37.68412	9.222762	1.9642	0.00037	0.000977	KIAA1324	chr1	+	1.1E+08	1.1E+08	5966
ENSG0000(	7.729324	19.66991	-1.3156	0.03068	0.057853	OPRD1	chr1	+	29138654	29190208	1774
ENSG0000(	1687.685	583.2427	1.5301	6.38E-36	9.97E-35	AMPD2	chr1	+	1.1E+08	1.1E+08	3899
ENSG0000(	2145.527	2986.634	-0.47664	1.36E-07	5.26E-07	SRSF4	chr1	-	29474255	29508499	2387
ENSG0000(	474.2709	585.8297	-0.30417	0.020346	0.040077	MECR	chr1	-	29519385	29557454	2416
ENSG0000(	221.2085	345.1633	-0.6381	0.031663	0.059524	KCNC4	chr1	+	1.11E+08	1.11E+08	7597
ENSG0000(	1408.666	238.4248	2.5578	1.91E-62	5.91E-61	EDEM3	chr1	-	1.85E+08	1.85E+08	6898
ENSG0000(	287.6621	428.3885	-0.57045	0.03413	0.063715	WDR77	chr1	-	1.12E+08	1.12E+08	2576
ENSG0000(	1360.675	1815.106	-0.41459	0.010644	0.022245	ATP5F1	chr1	+	1.12E+08	1.12E+08	3156
ENSG0000(	700.5859	407.5119	0.78115	1.06E-08	4.50E-08	RAP1A	chr1	+	1.12E+08	1.12E+08	5024
ENSG0000(	1566.168	1641.065	-0.06752	0.49456	0.59835	HDAC1	chr1	+	32757687	32799236	2409

ENSG0000(	2163.731	1302.417	0.73135	5.38E-06	1.78E-05	CAPZA1	chr1	+	1.13E+08	1.13E+08	3020
ENSG0000(	597.4119	632.4234	-0.08296	0.50286	0.60632	S100PBP	chr1	+	33282368	33324476	4318
ENSG0000(	382.4046	450.2697	-0.23429	0.44009	0.54583	RNF19B	chr1	-	33402046	33430286	2598
ENSG0000(	1131.562	707.0661	0.67728	1.09E-10	5.37E-10	SCAMP3	chr1	-	1.55E+08	1.55E+08	1537
ENSG0000(	480.8406	268.129	0.84212	5.26E-10	2.48E-09	TRIM62	chr1	-	33611003	33647660	3437
ENSG0000(	1564.777	507.9311	1.6208	5.15E-29	6.32E-28	ASH1L	chr1	-	1.55E+08	1.56E+08	11942
ENSG0000(	4.117271	413.5205	-6.5041	5.74E-53	1.42E-51	DLGAP3	chr1	-	35331037	35395186	3856
ENSG0000(	8053.599	9931.104	-0.30137	0.12879	0.20016	SFPQ	chr1	-	35641979	35658749	3747
ENSG0000(	444.7207	210.6656	1.0662	0.00325	0.007454	RHOU	chr1	+	2.29E+08	2.29E+08	4372
ENSG0000(	1181.207	813.2385	0.53801	1.08E-05	3.45E-05	GON4L	chr1	-	1.56E+08	1.56E+08	7713
ENSG0000(	2337.881	1356.704	0.78353	4.30E-07	1.59E-06	ARHGEF2	chr1	-	1.56E+08	1.56E+08	4435
ENSG0000(	544.9322	436.4761	0.31958	0.011225	0.023335	LAMTOR2	chr1	+	1.56E+08	1.56E+08	868
ENSG0000(	1684.31	564.2718	1.5759	2.45E-36	3.86E-35	MEF2D	chr1	-	1.56E+08	1.56E+08	5965
ENSG0000(	1724.718	523.851	1.7182	1.37E-40	2.44E-39	DOCK7	chr1	-	62920399	63153969	7110
ENSG0000(	2699.064	2558.702	0.077145	0.63718	0.72542	SRM	chr1	-	11114641	11120081	1266
ENSG0000(	4.430716	1.995719	1.0335	0.32085	0.42365	DLEU2L	chr1	+	64014588	64015405	703
ENSG0000(	57.46901	1181.917	-4.3416	1.35E-85	6.27E-84	FBXO2	chr1	-	11708424	11715842	1560
ENSG0000(	79.3869	83.736	-0.07551	0.79558	0.85508	FBXO6	chr1	+	11724181	11734411	1520
ENSG0000(	283.2841	377.0654	-0.41246	0.033892	0.063299	C1orf21	chr1	+	1.84E+08	1.85E+08	10265
ENSG0000(	127.0468	84.09942	0.59758	0.016676	0.033457	SWT1	chr1	+	1.85E+08	1.85E+08	3830
ENSG0000(	1427.356	5322.6	-1.8968	1.38E-75	5.45E-74	MAD2L2	chr1	-	11734537	11751707	1860
ENSG0000(	30.42838	132.3732	-2.1024	3.13E-09	1.38E-08	DNAJC6	chr1	+	65713902	65881552	5743
ENSG0000(	346.8391	88.85818	1.9506	7.22E-10	3.37E-09	LEPR	chr1	+	65886248	66107242	8227
ENSG0000(	3212.659	3533.321	-0.13752	0.15515	0.23368	IVNS1ABP	chr1	-	1.85E+08	1.85E+08	4199
ENSG0000(	2200.674	2125.537	0.049759	0.67829	0.7591	KIAA2013	chr1	-	11979648	11986485	2815
ENSG0000(	2317.264	2201.951	0.073619	0.58868	0.68421	MFN2	chr1	+	12040238	12073571	4539
ENSG0000(	1967.84	14.34472	7.0756	4.05E-174	6.42E-172	PRG4	chr1	+	1.86E+08	1.86E+08	5044
ENSG0000(	792.312	1157.958	-0.54686	1.71E-05	5.35E-05	MIIP	chr1	+	12079523	12092102	1709
ENSG0000(	1079.122	1311.757	-0.28119	0.006587	0.014323	SMG7	chr1	+	1.83E+08	1.84E+08	5970
ENSG0000(	21.68081	3.144102	2.6935	0.000349	0.000926	NCF2	chr1	-	1.84E+08	1.84E+08	2276
ENSG0000(	1.306762	0	1.6479	0.35189	NA	PDC	chr1	-	1.86E+08	1.86E+08	1242
ENSG0000(	511.1425	102.2362	2.3087	7.71E-15	5.01E-14	SLC35D1	chr1	-	67465015	67519782	6162
ENSG0000(	246.2485	13.45126	4.1832	2.37E-45	4.78E-44	PLA2G4A	chr1	+	1.87E+08	1.87E+08	2875
ENSG0000(	781.8072	455.3582	0.77603	0.001729	0.004135	GADD45A	chr1	+	68150744	68154021	1496
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	PRAMEF12	chr1	+	12834984	12838049	1786
ENSG0000(	3324.039	106.8326	4.9484	2.15E-303	1.01E-300	WLS	chr1	-	68564142	68698803	2748
ENSG0000(	938.6599	455.5639	1.0427	9.72E-18	7.38E-17	PRDM2	chr1	+	14026693	14151574	7957
ENSG0000(	3670.295	175.3511	4.3783	5.98E-110	3.97E-108	RGS2	chr1	+	1.93E+08	1.93E+08	1344
ENSG0000(	1.286224	0	1.8436	0.2818	NA	RPE65	chr1	-	68894505	68915642	2610
ENSG0000(	1075.426	694.7142	0.6306	8.18E-08	3.21E-07	TROVE2	chr1	+	1.93E+08	1.93E+08	7848
ENSG0000(	458.1655	411.8939	0.15435	0.42226	0.52769	UCHL5	chr1	-	1.93E+08	1.93E+08	1911
ENSG0000(	457.2367	560.6715	-0.29188	0.24475	0.3405	BCAS2	chr1	-	1.15E+08	1.15E+08	1299
ENSG0000(	3069.283	3238.559	-0.07722	0.53698	0.63784	SRSF11	chr1	+	70671365	70718735	4008
ENSG0000(	86.39364	247.4007	-1.5127	6.52E-13	3.75E-12	CTH	chr1	+	70876901	70905534	2044
ENSG0000(	23.92448	84.70639	-1.8086	2.08E-06	7.21E-06	AGMAT	chr1	-	15898848	15911605	2500
ENSG0000(	4580.336	927.5336	2.2985	5.85E-38	9.72E-37	OLFML3	chr1	+	1.15E+08	1.15E+08	2063
ENSG0000(	0.653381	0.357707	0.52032	0.76705	NA	TNNI3K	chr1	+	74663937	75010112	3269
ENSG0000(	0	3.123085	-3.0913	0.04724	0.084694	CFHR3	chr1	+	1.97E+08	1.97E+08	1965
ENSG0000(	1730.379	1279.765	0.43403	0.007757	0.016635	PLEKHM2	chr1	+	16010827	16061264	4122
ENSG0000(	451.8316	344.0843	0.39293	0.0067	0.014548	CRYZ	chr1	-	75171170	75199092	2899
ENSG0000(	1093.46	435.0107	1.3285	2.52E-19	2.05E-18	PHTF1	chr1	-	1.14E+08	1.14E+08	4314
ENSG0000(	743.573	548.7807	0.43617	0.003137	0.007213	ZBTB17	chr1	-	16268364	16302627	2770
ENSG0000(	92.54221	29.77311	1.6268	1.08E-07	4.20E-07	CD58	chr1	-	1.17E+08	1.17E+08	1328
ENSG0000(	24.81413	26.37577	-0.0876	0.8734	0.91177	TFAP2E	chr1	+	36038971	36060929	2189
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CD2	chr1	+	1.17E+08	1.17E+08	1609
ENSG0000(	411.499	1063.816	-1.3688	1.09E-25	1.17E-24	TTF2	chr1	+	1.18E+08	1.18E+08	4879
ENSG0000(	0	641.8463	-10.604	3.63E-23	3.53E-22	NR5A2	chr1	+	2E+08	2E+08	5086
ENSG0000(	578.625	954.5674	-0.72006	0.000809	0.002035	KIF21B	chr1	-	2.01E+08	2.01E+08	9895
ENSG0000(	1024.415	1382.803	-0.43263	0.000679	0.001728	TMEM9	chr1	-	2.01E+08	2.01E+08	2892
ENSG0000(	632.1651	668.4023	-0.07907	0.59662	0.691	ADPRHL2	chr1	+	36554476	36559533	1668
ENSG0000(	6780.952	2259.413	1.5822	8.36E-24	8.34E-23	MAP7D1	chr1	+	36621180	36646450	3456
ENSG0000(	161.8078	148.9763	0.12167	0.62782	0.71765	WARS2	chr1	-	1.2E+08	1.2E+08	2811
ENSG0000(	0	7.82752	-4.4783	0.001025	0.002536	HAO2	chr1	+	1.2E+08	1.2E+08	1668
ENSG0000(	77.84549	201.512	-1.3608	4.86E-05	0.000144	RP11-268J	chr1	+	36789335	36794822	1838
ENSG0000(	74.54012	25.80839	1.5153	1.48E-06	5.20E-06	OSCP1	chr1	-	36881428	36916086	1463

ENSG0000(	1114.52	1213.496	-0.12237	0.41304	0.51789	MRPS15	chr1	-	36921319	36930038	2127
ENSG0000(	199.0968	182.4852	0.12697	0.5274	0.62915	EXOC8	chr1	-	2.31E+08	2.31E+08	5100
ENSG0000(	941.2181	614.5242	0.61485	1.86E-05	5.80E-05	GNPAT	chr1	+	2.31E+08	2.31E+08	2643
ENSG0000(	267.5231	239.3729	0.1603	0.45582	0.5611	TSNAX	chr1	+	2.32E+08	2.32E+08	5629
ENSG0000(	250.4709	491.5983	-0.96768	1.50E-06	5.27E-06	C1orf109	chr1	-	38147242	38157914	2570
ENSG0000(	496.9886	213.6342	1.2134	4.34E-10	2.06E-09	RRAGC	chr1	-	39303870	39325495	2732
ENSG0000(	419.6945	552.0048	-0.39328	0.010258	0.021516	TBCE	chr1	+	2.36E+08	2.36E+08	1980
ENSG0000(	7170.041	1372.224	2.3795	9.97E-43	1.88E-41	NID1	chr1	-	2.36E+08	2.36E+08	5864
ENSG0000(	356.7231	118.9742	1.5793	4.02E-12	2.19E-11	LGALS8	chr1	+	2.37E+08	2.37E+08	6420
ENSG0000(	0	3.616746	-3.3235	0.028216	0.053767	HPCAL4	chr1	-	40144320	40157361	4856
ENSG0000(	1933.028	867.761	1.1551	4.44E-25	4.65E-24	MTR	chr1	+	2.37E+08	2.37E+08	10529
ENSG0000(	104.8185	23.72775	2.1175	1.60E-08	6.68E-08	BMP8B	chr1	-	40222854	40254533	4822
ENSG0000(	12.08466	799.1386	-5.9789	6.36E-62	1.93E-60	MYCL1	chr1	-	40361098	40367928	3256
ENSG0000(	1134.233	556.7606	1.0263	2.44E-16	1.72E-15	SIPA1L2	chr1	-	2.33E+08	2.33E+08	6690
ENSG0000(	3.660875	0.594029	2.0519	0.14569	0.22138	ZP4	chr1	-	2.38E+08	2.38E+08	1799
ENSG0000(	450.3127	408.8089	0.14135	0.4425	0.54821	RLF	chr1	+	40627045	40706593	6246
ENSG0000(	8.879364	1.964165	2.0063	0.032156	0.060365	KMO	chr1	+	2.42E+08	2.42E+08	5261
ENSG0000(	69.08275	57.20173	0.27176	0.31994	0.42277	ZNF684	chr1	+	40997233	41013841	2097
ENSG0000(	6.774477	151.0446	-4.4276	1.28E-21	1.16E-20	KCNQ4	chr1	+	41249684	41306124	4099
ENSG0000(	218.8756	908.7118	-2.0415	4.80E-14	2.96E-13	RIMS3	chr1	-	41086351	41131329	7235
ENSG0000(	1175.859	290.0635	2.0128	4.26E-24	4.30E-23	AKT3	chr1	-	2.44E+08	2.44E+08	5127
ENSG0000(	698.0204	545.2797	0.35715	0.006571	0.014291	ETV3	chr1	-	1.57E+08	1.57E+08	5254
ENSG0000(	511.947	424.1653	0.2721	0.11095	0.1764	ACADM	chr1	+	76190036	76253260	2619
ENSG0000(	368.2899	103.1486	1.8331	1.21E-27	1.41E-26	ST6GALNA(	chr1	+	77333126	77531396	3751
ENSG0000(	0	2.131673	-2.2467	0.1949	0.28267	SLAMF1	chr1	-	1.61E+08	1.61E+08	4006
ENSG0000(	3.568372	4.926189	-0.42474	0.65674	0.74137	CD48	chr1	-	1.61E+08	1.61E+08	1793
ENSG0000(	2175.338	1416.713	0.61823	7.14E-06	2.33E-05	LPHN2	chr1	+	81771845	82458120	6302
ENSG0000(	2.914991	108.9385	-5.0711	1.44E-19	1.19E-18	PADI2	chr1	-	17393256	17445948	4345
ENSG0000(	840.3181	639.8759	0.39188	0.001242	0.003034	SDHB	chr1	-	17345217	17380665	1153
ENSG0000(	6359.606	2113.919	1.5882	3.55E-58	9.89E-57	MFAP2	chr1	-	17300997	17307330	2371
ENSG0000(	458.7808	522.631	-0.18659	0.36143	0.46562	RPF1	chr1	+	84944942	84963473	1385
ENSG0000(	3056.928	4176.484	-0.44904	0.01338	0.027409	KDM5B	chr1	-	2.03E+08	2.03E+08	7438
ENSG0000(	1507.572	461.085	1.7076	1.10E-44	2.18E-43	UAP1	chr1	+	1.63E+08	1.63E+08	2344
ENSG0000(	0	7.062694	-4.3984	0.000975	0.002423	ACTL8	chr1	+	18081808	18153558	1861
ENSG0000(	151.9174	54.10865	1.4817	1.53E-07	5.86E-07	CTBS	chr1	-	85018804	85040163	3082
ENSG0000(	830.512	7.546618	6.2946	6.99E-12	3.74E-11	RGS4	chr1	+	1.63E+08	1.63E+08	3774
ENSG0000(	523.2874	763.188	-0.54381	1.30E-05	4.11E-05	KLHL12	chr1	-	2.03E+08	2.03E+08	3359
ENSG0000(	0	634.3763	-10.556	1.95E-22	1.83E-21	IGSF21	chr1	+	18434240	18704977	1943
ENSG0000(	440.8038	305.5495	0.52831	0.006118	0.0134	SSX2IP	chr1	-	85109390	85156486	5843
ENSG0000(	490.0022	285.5852	0.77855	7.77E-07	2.80E-06	ZNHIT6	chr1	-	86115106	86174116	6080
ENSG0000(	501.705	451.316	0.15188	0.20642	0.29607	RBBP5	chr1	-	2.05E+08	2.05E+08	4404
ENSG0000(	335.4902	1.309443	7.682	7.38E-32	1.01E-30	GBP3	chr1	-	89472349	89488577	3678
ENSG0000(	64.23411	0.343138	6.7221	5.76E-11	2.91E-10	GBP1	chr1	-	89518002	89531043	3035
ENSG0000(	64.7914	28.9306	1.1514	0.002954	0.006815	PINK1-AS	chr1	-	20969150	20978686	4443
ENSG0000(	41.59846	246.757	-2.5308	2.94E-09	1.30E-08	KIF17	chr1	-	20990507	21044510	3969
ENSG0000(	98.22329	94.93743	0.052195	0.82761	0.87864	GPR89A	chr1	-	1.46E+08	1.46E+08	2699
ENSG0000(	11.7858	1078.035	-6.4682	4.66E-73	1.76E-71	CDK18	chr1	+	2.05E+08	2.06E+08	3966
ENSG0000(	225.3499	153.4143	0.54884	0.067066	0.11486	RAB7L1	chr1	-	2.06E+08	2.06E+08	3272
ENSG0000(	23.00909	5.470805	2.0257	0.00174	0.004158	CD160	chr1	-	1.46E+08	1.46E+08	3389
ENSG0000(	688.6595	785.0323	-0.18147	0.79334	0.85312	TXNIP	chr1	+	1.45E+08	1.45E+08	2927
ENSG0000(	1538.548	1806.18	-0.2313	0.049638	0.088428	ECE1	chr1	-	21543740	21671997	5099
ENSG0000(	433.9673	339.1992	0.35348	0.15964	0.23928	HMGCL	chr1	-	24128375	24165110	2151
ENSG0000(	769.8797	292.4585	1.3935	4.19E-15	2.76E-14	GALE	chr1	-	24122089	24127271	2073
ENSG0000(	1230.364	1434.244	-0.22001	0.27045	0.36957	ID3	chr1	-	23884409	23886285	1251
ENSG0000(	0	71.53422	-7.6752	5.20E-12	2.80E-11	CR2	chr1	+	2.08E+08	2.08E+08	4240
ENSG0000(	1745.671	1714.624	0.025726	0.80539	0.86232	CD46	chr1	+	2.08E+08	2.08E+08	7826
ENSG0000(	759.1919	728.2722	0.060356	0.64406	0.73105	PRPF3	chr1	+	1.5E+08	1.5E+08	2595
ENSG0000(	1572.25	1543.33	0.027174	0.80218	0.85998	APH1A	chr1	-	1.5E+08	1.5E+08	2353
ENSG0000(	8440.095	820.1873	3.3585	1.46E-158	1.90E-156	LEPRE1	chr1	-	43212006	43232755	3001
ENSG0000(	2035.115	4380.086	-1.1023	1.79E-08	7.42E-08	SLC2A1	chr1	-	43391052	43424530	3318
ENSG0000(	592.894	806.0047	-0.44071	0.057795	0.10103	EBNA1BP2	chr1	-	43629846	43736607	1503
ENSG0000(	1771.388	4116.817	-1.2152	2.57E-29	3.19E-28	CDC20	chr1	+	43824626	43828874	1777
ENSG0000(	2.250445	6.997169	-1.4645	0.16552	0.24652	MPL	chr1	+	43803478	43818443	1950
ENSG0000(	28.98544	141.4521	-2.2618	4.95E-09	2.15E-08	ARTN	chr1	+	44398992	44402913	1943
ENSG0000(	606.7649	411.3063	0.55843	1.41E-05	4.46E-05	IPO13	chr1	+	44412611	44433694	3894

ENSG0000(	1031.869	1093.681	-0.08366	0.53689	0.63775	ATP6V0B	chr1	+	44440159	44443967	2432
ENSG0000(	3393.649	2264.913	0.5821	0.00064	0.001635	B4GALT2	chr1	+	44444615	44456840	2629
ENSG0000(	920.0434	910.3132	0.015469	0.89432	0.92676	ERI3	chr1	-	44686742	44820932	1684
ENSG0000(	52.4294	18.8031	1.4695	0.000167	0.000464	PTCH2	chr1	-	45285516	45308735	4298
ENSG0000(	2006.067	2571.96	-0.35791	0.013827	0.028226	AKR1A1	chr1	+	46016215	46035721	1818
ENSG0000(	4250.114	9065.048	-1.0919	1.81E-28	2.18E-27	PRDX1	chr1	-	45976708	45988719	1233
ENSG0000(	1157.948	421.7682	1.4551	3.79E-19	3.05E-18	PIK3R3	chr1	-	46505812	46642160	5609
ENSG0000(	7.946847	2.217472	1.6754	0.072582	0.12293	TSPAN1	chr1	+	46640745	46651630	1615
ENSG0000(	306.7729	118.7758	1.3619	7.69E-06	2.50E-05	BLZF1	chr1	+	1.69E+08	1.69E+08	2749
ENSG0000(	22.34356	35.74174	-0.66967	0.12011	0.189	CCDC181	chr1	-	1.69E+08	1.69E+08	2035
ENSG0000(	242.3934	432.3523	-0.83067	3.47E-07	1.29E-06	SLC19A2	chr1	-	1.69E+08	1.69E+08	3671
ENSG0000(	14.59891	154.8926	-3.3894	1.10E-18	8.65E-18	FAAH	chr1	+	46859937	46879520	2094
ENSG0000(	383.0428	316.4484	0.27641	0.093817	0.15312	NSUN4	chr1	+	46805849	46830824	4344
ENSG0000(	558.995	297.3666	0.90773	7.16E-05	0.000207	TMED5	chr1	-	93615299	93646285	6104
ENSG0000(	0.685084	0	0.85004	0.63064	NA	MROH9	chr1	+	1.71E+08	1.71E+08	3165
ENSG0000(	1574.31	1182.73	0.41265	0.000162	0.00045	DR1	chr1	+	93811445	93828149	3242
ENSG0000(	9023.873	3232.786	1.4796	1.42E-38	2.41E-37	CNN3	chr1	-	95362507	95392834	2165
ENSG0000(	5123.844	5754.492	-0.16731	0.1	0.16148	PRRC2C	chr1	+	1.71E+08	1.72E+08	10366
ENSG0000(	274.6318	80.64205	1.7631	3.23E-15	2.14E-14	F3	chr1	-	94994781	95007356	2287
ENSG0000(	621.1486	430.5718	0.52842	0.000288	0.000773	ABCD3	chr1	+	94883933	94984222	4367
ENSG0000(	221.8031	183.6897	0.2704	0.18622	0.27195	VAMP4	chr1	-	1.72E+08	1.72E+08	5159
ENSG0000(	171.5881	316.3801	-0.88253	1.35E-05	4.26E-05	DPH5	chr1	-	1.01E+08	1.01E+08	2159
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	FASLG	chr1	+	1.73E+08	1.73E+08	1888
ENSG0000(	310.0287	678.5237	-1.123	4.37E-05	0.00013	PTBP2	chr1	+	97187221	97280349	3069
ENSG0000(	69.67191	5.802663	3.4987	8.70E-14	5.26E-13	TNFSF4	chr1	-	1.73E+08	1.73E+08	3470
ENSG0000(	3083.02	3928.006	-0.34902	0.002035	0.00481	PRDX6	chr1	+	1.73E+08	1.73E+08	1751
ENSG0000(	474.6989	638.8391	-0.42615	0.025669	0.049431	DARS2	chr1	+	1.74E+08	1.74E+08	3506
ENSG0000(	0.632843	0.357707	0.4993	0.77637	NA	HSD11B1	chr1	+	2.1E+08	2.1E+08	1477
ENSG0000(	2.447429	260.0866	-6.4664	2.59E-30	3.33E-29	IRF6	chr1	-	2.1E+08	2.1E+08	4306
ENSG0000(	255.8743	317.8648	-0.30941	0.34536	0.44944	DIEXF	chr1	+	2.1E+08	2.1E+08	8446
ENSG0000(	4.689314	12.75854	-1.4062	0.036776	0.068087	LPPR5	chr1	-	99355806	99470588	4134
ENSG0000(	114.056	35.78766	1.6468	0.000417	0.001094	LPPR4	chr1	+	99729509	99775146	5369
ENSG0000(	2.790785	1.326428	0.88282	0.50191	0.60536	SERPINC1	chr1	-	1.74E+08	1.74E+08	1594
ENSG0000(	107.4534	389.1056	-1.8569	2.90E-27	3.33E-26	RCAN3	chr1	+	24829387	24863506	2778
ENSG0000(	441.606	603.5713	-0.44862	0.002761	0.006404	SYF2	chr1	-	25549170	25558993	1962
ENSG0000(	426.567	310.2554	0.45679	0.002634	0.006125	C1orf63	chr1	-	25568728	25664704	3034
ENSG0000(	317.0723	235.5441	0.42887	0.02004	0.039538	SLC35A3	chr1	+	1E+08	1E+08	5533
ENSG0000(	442.6464	414.4747	0.09602	0.62025	0.71102	RCOR3	chr1	+	2.11E+08	2.11E+08	4246
ENSG0000(	5981.568	7320.895	-0.29105	0.008976	0.019032	STMN1	chr1	-	26210672	26233482	2947
ENSG0000(	337.808	180.4556	0.90417	1.34E-08	5.63E-08	MTFR1L	chr1	+	26145131	26159432	3262
ENSG0000(	35.08258	595.7224	-4.058	1.50E-60	4.39E-59	MAN1C1	chr1	+	25943959	26112698	4641
ENSG0000(	322.994	382.9386	-0.24385	0.24562	0.3414	NEK2	chr1	-	2.12E+08	2.12E+08	2131
ENSG0000(	282.4888	1447.013	-2.3526	7.29E-44	1.42E-42	RPS6KA1	chr1	+	26856252	26901521	3202
ENSG0000(	1019.801	626.1272	0.70191	9.43E-05	0.00027	DHDDS	chr1	+	26758773	26797785	3338
ENSG0000(	299.1789	212.417	0.49602	0.004094	0.009235	NENF	chr1	+	2.13E+08	2.13E+08	942
ENSG0000(	399.8709	559.2177	-0.48416	0.000128	0.000359	NSL1	chr1	-	2.13E+08	2.13E+08	2317
ENSG0000(	280.7186	53.86414	2.3806	5.69E-29	6.96E-28	PROX1	chr1	+	2.14E+08	2.14E+08	8498
ENSG0000(	3911.85	5029.748	-0.36215	0.000538	0.00139	ARID1A	chr1	+	27022524	27108595	8577
ENSG0000(	3148.9	3540.109	-0.16765	0.56707	0.6646	CENPF	chr1	+	2.15E+08	2.15E+08	10307
ENSG0000(	474.2685	805.9536	-0.76231	1.40E-05	4.42E-05	RPA2	chr1	-	28218035	28241257	1752
ENSG0000(	624.497	571.3882	0.1285	0.35848	0.46278	PPP1R8	chr1	+	28157289	28178187	2651
ENSG0000(	511.2709	129.8394	1.9644	6.72E-14	4.10E-13	STX12	chr1	+	28099694	28150963	3079
ENSG0000(	68.24494	174.6565	-1.3495	1.38E-06	4.88E-06	2-Mar	chr1	+	2.21E+08	2.21E+08	2127
ENSG0000(	2.976604	5.753251	-0.85486	0.41996	0.52543	SLC5A9	chr1	+	48688357	48714316	3769
ENSG0000(	1266.303	923.7101	0.45501	0.001629	0.003905	OSBPL9	chr1	+	52042851	52254889	4520
ENSG0000(	764.6202	1152.265	-0.59109	5.99E-07	2.18E-06	TXNDC12	chr1	-	52485803	52521843	2396
ENSG0000(	2032.545	1255.219	0.69301	0.000616	0.001577	ESYT2	chr7	-	1.59E+08	1.59E+08	5960
ENSG0000(	63.60387	156.6832	-1.2919	4.80E-07	1.76E-06	CD3EAP	chr19	+	45909467	45914024	3286
ENSG0000(	1065.622	833.3696	0.35402	0.087421	0.14421	MESDC2	chr15	-	81239667	81282219	4257
ENSG0000(	1678.642	2025.507	-0.27078	0.013538	0.027694	RCN2	chr15	+	77223960	77242601	3936
ENSG0000(	1.524285	111.35	-5.8735	5.83E-20	4.91E-19	CHRNB4	chr15	-	78916461	79012628	2623
ENSG0000(	9.233071	14.59246	-0.64971	0.32424	0.42712	MUC5B	chr11	+	1244296	1283406	17924
ENSG0000(	1458.552	1143.319	0.35155	0.003293	0.007546	CTSD	chr11	-	1773982	1785222	2123
ENSG0000(	2.282147	16.25464	-2.6754	0.000548	0.001414	COLEC11	chr2	+	3642426	3692048	1557
ENSG0000(	759.7472	255.1707	1.5672	3.83E-09	1.68E-08	STAG1	chr3	-	1.36E+08	1.36E+08	6053

ENSG0000(	2132.702	3154.448	-0.5634	0.001999	0.004731	STK11	chr19	+	1189406	1228428	3553
ENSG0000(	1650.421	1019.586	0.69389	1.61E-07	6.18E-07	MLL	chr11	+	1.18E+08	1.18E+08	16594
ENSG0000(	18.24601	4.957743	1.8216	0.003971	0.008973	TREH	chr11	-	1.19E+08	1.19E+08	2770
ENSG0000(	238.782	152.148	0.65077	0.00052	0.001345	IFT46	chr11	-	1.18E+08	1.18E+08	1819
ENSG0000(	58.26101	0	7.4186	1.92E-11	9.99E-11	MMP8	chr11	-	1.03E+08	1.03E+08	3056
ENSG0000(	0.72616	4.008423	-2.0809	0.12185	0.19131	APOA1	chr11	-	1.17E+08	1.17E+08	1227
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	ZNF541	chr19	-	48023942	48059113	4632
ENSG0000(	2.914991	101.8329	-4.9818	1.47E-19	1.21E-18	SLC8A2	chr19	-	47931274	47975425	5234
ENSG0000(	195.6722	281.1804	-0.52061	0.000669	0.001705	KPTN	chr19	-	47978401	47987525	1691
ENSG0000(	5366.868	8746.84	-0.7038	5.43E-09	2.35E-08	RPS25	chr11	-	1.19E+08	1.19E+08	1462
ENSG0000(	677.2856	537.861	0.33244	0.11131	0.17691	KIF14	chr1	-	2.01E+08	2.01E+08	7274
ENSG0000(	23.48602	18.59276	0.32908	0.45289	0.55837	TNNT2	chr1	-	2.01E+08	2.01E+08	3014
ENSG0000(	164.5721	231.3021	-0.49087	0.016828	0.033736	DDX59	chr1	-	2.01E+08	2.01E+08	2900
ENSG0000(	1136.35	572.7122	0.98854	3.42E-16	2.39E-15	CAMSAP2	chr1	+	2.01E+08	2.01E+08	7352
ENSG0000(	994.3955	471.5502	1.0744	2.53E-13	1.49E-12	ATF6	chr1	+	1.62E+08	1.62E+08	7496
ENSG0000(	0	45.69194	-7.0917	2.09E-10	1.01E-09	CRYGD	chr2	-	2.09E+08	2.09E+08	619
ENSG0000(	32.12912	204.2967	-2.6535	2.06E-28	2.48E-27	MREG	chr2	-	2.17E+08	2.17E+08	1314
ENSG0000(	391.0872	570.3841	-0.54079	0.015995	0.032208	FASTKD2	chr2	+	2.08E+08	2.08E+08	4999
ENSG0000(	8688.431	548.2599	3.9796	1.99E-148	2.23E-146	NRP2	chr2	+	2.07E+08	2.07E+08	6662
ENSG0000(	640.9104	664.7614	-0.05135	0.68649	0.76617	CREB1	chr2	+	2.08E+08	2.08E+08	7650
ENSG0000(	673.1759	373.867	0.84596	9.00E-06	2.90E-05	KLF7	chr2	-	2.08E+08	2.08E+08	8362
ENSG0000(	0.580602	0	0.8036	0.6494	NA	TTR	chr18	+	29171689	29178974	957
ENSG0000(	463.5859	462.199	0.003976	0.98103	0.98953	B4GALT6	chr18	-	29202210	29265799	4427
ENSG0000(	180.3991	66.95782	1.4204	1.01E-09	4.65E-09	C1orf54	chr1	+	1.5E+08	1.5E+08	1251
ENSG0000(	21.5857	498.2407	-4.5013	1.25E-72	4.69E-71	CA14	chr1	+	1.5E+08	1.5E+08	1788
ENSG0000(	1.068702	0	1.3672	0.44297	NA	CASC1	chr12	-	25261354	25348096	2445
ENSG0000(	1.649304	1.355566	0.25027	0.84618	0.892	LRMP	chr12	+	25173936	25261268	2715
ENSG0000(	1.411244	2.65044	-0.81232	0.51418	0.61717	ATP10B	chr5	-	1.6E+08	1.6E+08	7566
ENSG0000(	1316.491	1019.014	0.36881	0.044654	0.080572	SPCS2	chr11	+	74660292	74690076	2708
ENSG0000(	364.1007	184.7097	0.973	6.87E-05	0.0002	USP35	chr11	+	77899858	77925757	4216
ENSG0000(	231.0659	168.8657	0.45083	0.013776	0.028131	ELOVL4	chr6	-	80624529	80657297	3042
ENSG0000(	0.632843	120.7991	-6.9656	1.31E-15	8.90E-15	FILIP1	chr6	-	76005626	76203496	4580
ENSG0000(	345.4253	311.058	0.15158	0.57743	0.67405	CASP8AP2	chr6	+	90539613	90584155	7344
ENSG0000(	294.945	508.9731	-0.78456	3.45E-05	0.000104	HMGN3	chr6	-	79910962	79944406	872
ENSG0000(	62.80738	143.356	-1.1929	4.84E-07	1.78E-06	UBE3D	chr6	-	83602117	83775560	3255
ENSG0000(	0	35.59679	-6.7567	1.89E-09	8.50E-09	CNR1	chr6	-	88849583	88876078	8974
ENSG0000(	527.4334	436.9646	0.27215	0.042963	0.077992	ANKRD13C	chr1	-	70726271	70820417	4069
ENSG0000(	174.5692	3.305162	5.6125	4.46E-31	5.95E-30	SGIP1	chr1	+	66999066	67213982	7273
ENSG0000(	896.1864	985.1193	-0.13552	0.54623	0.64641	PHF3	chr6	+	64345725	64489229	8233
ENSG0000(	0.342542	0	0.4146	0.81455	NA	ZC2HC1B	chr6	+	1.44E+08	1.44E+08	992
ENSG0000(	546.7109	20.43225	4.7175	3.98E-89	1.96E-87	PLAGL1	chr6	-	1.44E+08	1.44E+08	4430
ENSG0000(	327.4671	485.4024	-0.56571	5.11E-05	0.000151	FBXO30	chr6	-	1.46E+08	1.46E+08	4376
ENSG0000(	140.2394	58.37193	1.2654	9.15E-08	3.58E-07	TNFAIP3	chr6	+	1.38E+08	1.38E+08	4432
ENSG0000(	99.48539	248.832	-1.3163	2.67E-12	1.47E-11	AKAP7	chr6	+	1.31E+08	1.32E+08	2954
ENSG0000(	579.2987	88.83164	2.6808	1.92E-17	1.43E-16	RAB32	chr6	+	1.47E+08	1.47E+08	1217
ENSG0000(	43.63138	63.3151	-0.52916	0.065753	0.11294	MYB	chr6	+	1.36E+08	1.36E+08	3672
ENSG0000(	1.733248	3.183777	-0.78326	0.52852	0.63021	ALDH8A1	chr6	-	1.35E+08	1.35E+08	2558
ENSG0000(	1030.503	458.5388	1.1678	6.69E-22	6.14E-21	SGK1	chr6	-	1.34E+08	1.35E+08	5474
ENSG0000(	626.8387	437.4376	0.51686	0.00012	0.000339	RNF146	chr6	+	1.28E+08	1.28E+08	2369
ENSG0000(	0.580602	5.269327	-2.5845	0.043707	0.079155	ARG1	chr6	+	1.32E+08	1.32E+08	1532
ENSG0000(	6184.234	462.3699	3.7387	2.20E-207	5.11E-205	CTGF	chr6	-	1.32E+08	1.32E+08	2339
ENSG0000(	20.58219	6.924324	1.5337	0.005617	0.012376	TCF21	chr6	+	1.34E+08	1.34E+08	4551
ENSG0000(	14.16982	26.44445	-0.87493	0.086846	0.1434	PMFBP1	chr16	-	72146056	72210777	3935
ENSG0000(	1300.678	976.3381	0.41281	0.000762	0.001924	FBXL5	chr4	-	15606162	15683302	3385
ENSG0000(	778.4127	1318.055	-0.75839	1.13E-10	5.56E-10	MED28	chr4	+	17616254	17627477	2394
ENSG0000(	78.93246	14.32203	2.4487	5.17E-09	2.24E-08	SLC16A7	chr12	+	59989848	60176395	4536
ENSG0000(	217.2091	130.664	0.72979	0.000795	0.002002	TMEM5	chr12	+	64173583	64203338	4531
ENSG0000(	118.3858	139.608	-0.23346	0.29182	0.39368	ZNF430	chr19	+	21203426	21242856	3923
ENSG0000(	5.705775	532.0771	-6.4935	5.34E-67	1.83E-65	VAMP8	chr2	+	85788685	85809154	805
ENSG0000(	326.9066	228.3511	0.51715	0.005419	0.011986	DCLRE1B	chr1	+	1.14E+08	1.14E+08	3940
ENSG0000(	4058.954	1836.933	1.1426	4.88E-17	3.58E-16	MYL12B	chr18	+	3261907	3278282	1249
ENSG0000(	1282.567	479.4715	1.4179	2.35E-26	2.59E-25	FOXO3	chr6	+	1.09E+08	1.09E+08	7341
ENSG0000(	67.45155	25.32521	1.4106	0.000136	0.000381	ARMC2	chr6	+	1.09E+08	1.09E+08	3241
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	GHRH	chr20	-	35879489	35890238	566
ENSG0000(	4247.77	3309.285	0.36007	0.001126	0.002772	RPN2	chr20	+	35806813	35870022	2511

ENSG0000(	682.5786	1684.259	-1.3008	7.51E-30	9.52E-29	TGIF2	chr20	+	35201891	35222560	3613
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	CASQ2	chr1	-	1.16E+08	1.16E+08	2674
ENSG0000(	29.41869	4.974728	2.5045	6.49E-06	2.13E-05	OLFM3	chr1	-	1.02E+08	1.02E+08	3255
ENSG0000(	1859.445	564.3144	1.7177	1.64E-36	2.61E-35	PKD2	chr4	+	88928820	88998929	5056
ENSG0000(	2.665765	75.22959	-4.7011	2.59E-16	1.82E-15	ABCG2	chr4	-	89011416	89152474	4479
ENSG0000(	2478.73	298.2704	3.0418	4.41E-35	6.72E-34	SPP1	chr4	+	88896819	88904562	1664
ENSG0000(	21.95832	16.3583	0.42092	0.43554	0.54101	FAM47E-ST	chr4	+	77172886	77232752	3420
ENSG0000(	5308.545	3292.738	0.6881	8.35E-10	3.88E-09	CCNI	chr4	-	77968311	77997158	2772
ENSG0000(	4.740741	2.041842	1.1193	0.29725	0.3992	RARRES1	chr3	-	1.58E+08	1.58E+08	1952
ENSG0000(	394.9931	111.578	1.8172	1.70E-12	9.53E-12	MFSD1	chr3	+	1.58E+08	1.59E+08	2423
ENSG0000(	769.8324	1053.305	-0.45248	4.69E-05	0.000139	RAB3GAP2	chr1	-	2.2E+08	2.2E+08	7257
ENSG0000(	142.5465	196.1315	-0.45677	0.03181	0.059777	FAM86A	chr16	-	5134305	5147809	2390
ENSG0000(	64.90103	1254.105	-4.2466	1.23E-66	4.20E-65	PPL	chr16	-	4932508	5010742	6238
ENSG0000(	1984.122	1501.644	0.4011	0.000609	0.001562	UBN1	chr16	+	4896666	4932361	6336
ENSG0000(	843.4214	248.5488	1.7616	6.31E-40	1.11E-38	KLF12	chr13	-	74260226	74708394	10637
ENSG0000(	3.173589	3.2299	-0.01789	0.98611	0.99179	UCHL3	chr13	+	76123619	76180085	844
ENSG0000(	629.1299	45.86749	3.7636	3.01E-56	8.04E-55	PCDH17	chr13	+	58205944	58303445	7523
ENSG0000(	569.0355	560.2648	0.022131	0.92953	0.95329	HS1BP3	chr2	-	20760208	20850849	4358
ENSG0000(	266.6715	334.9399	-0.32554	0.081513	0.13575	C2orf43	chr2	-	20883788	21022882	2903
ENSG0000(	349.2087	294.8224	0.24436	0.24596	0.3418	WDR35	chr2	-	20110021	20189892	6960
ENSG0000(	2005.982	4110.373	-1.0331	1.14E-12	6.45E-12	CCND2	chr12	+	4382938	4414516	6480
ENSG0000(	2.613524	6.359433	-1.1694	0.23518	0.32906	FGF23	chr12	-	4477393	4488894	3018
ENSG0000(	3.019472	1.638012	0.76761	0.50157	0.6051	HIN1L	chr12	+	3948625	3951691	3067
ENSG0000(	405.8832	319.4962	0.34706	0.0494	0.088056	ELL2	chr5	-	95220802	95297775	6046
ENSG0000(	15.97666	4.290868	1.795	0.019628	0.038804	DNAH7	chr2	-	1.97E+08	1.97E+08	12394
ENSG0000(	270.8598	206.5283	0.39068	0.137	0.21031	CYP20A1	chr2	+	2.04E+08	2.04E+08	2636
ENSG0000(	351.9221	319.9099	0.13917	0.3688	0.47342	NDUFB3	chr2	+	2.02E+08	2.02E+08	755
ENSG0000(	726.9793	795.497	-0.13083	0.31344	0.41571	GTF3C3	chr2	-	1.98E+08	1.98E+08	4282
ENSG0000(	458.6325	456.5661	0.004439	0.97669	0.98684	SATB2	chr2	-	2E+08	2E+08	6194
ENSG0000(	428.4077	325.1234	0.39818	0.016067	0.032344	UBE2B	chr5	+	1.34E+08	1.34E+08	2515
ENSG0000(	0.995923	24.45041	-4.3229	4.82E-07	1.77E-06	TRPM6	chr9	-	77337411	77503010	8437
ENSG0000(	28.83809	153.5331	-2.3926	4.26E-14	2.64E-13	GDA	chr9	+	74729511	74872109	5340
ENSG0000(	25.38716	8.818932	1.4544	0.021927	0.042896	KLF9	chr9	-	72999503	73029540	5185
ENSG0000(	217.0311	3176.959	-3.8646	1.66E-210	4.01E-208	TJP2	chr9	+	71736224	71870124	4611
ENSG0000(	14.08685	5.55822	1.3009	0.096847	0.15724	C2orf40	chr2	+	1.07E+08	1.07E+08	799
ENSG0000(	898.2467	205.4394	2.1242	1.45E-55	3.79E-54	ITGB1BP1	chr2	-	9543604	9563676	4859
ENSG0000(	658.3553	1416.536	-1.1037	2.46E-20	2.10E-19	CPSF3	chr2	+	9563697	9613230	3157
ENSG0000(	21.73305	17.32461	0.31589	0.53204	0.63323	PIGZ	chr3	-	1.97E+08	1.97E+08	2701
ENSG0000(	1147.561	613.2294	0.90251	4.65E-14	2.87E-13	SENP5	chr3	+	1.97E+08	1.97E+08	6308
ENSG0000(	734.5415	46.95431	3.9429	1.19E-37	1.96E-36	CCDC92	chr12	-	1.24E+08	1.24E+08	4883
ENSG0000(	1876.393	1216.536	0.62431	2.75E-08	1.13E-07	C1orf198	chr1	-	2.31E+08	2.31E+08	3858
ENSG0000(	2.520208	0	2.7948	0.078637	0.13159	TRIM67	chr1	+	2.31E+08	2.31E+08	9320
ENSG0000(	1189.998	1803.853	-0.59925	6.45E-06	2.12E-05	HEATR1	chr1	-	2.37E+08	2.37E+08	8447
ENSG0000(	1161.675	2293.322	-0.97953	5.56E-10	2.61E-09	PTBP3	chr9	-	1.15E+08	1.15E+08	7271
ENSG0000(	2965.207	4130.758	-0.47764	2.37E-05	7.27E-05	RAD23B	chr9	+	1.1E+08	1.1E+08	4119
ENSG0000(	776.6269	381.4403	1.0248	1.13E-10	5.58E-10	FKBP15	chr9	-	1.16E+08	1.16E+08	8807
ENSG0000(	890.727	998.6648	-0.16436	0.338	0.44172	CTNNAL1	chr9	-	1.12E+08	1.12E+08	2520
ENSG0000(	139.6734	106.2602	0.39237	0.20163	0.2903	FAM206A	chr9	+	1.12E+08	1.12E+08	2121
ENSG0000(	1642.645	1721.935	-0.06789	0.48564	0.58962	WDR34	chr9	-	1.31E+08	1.31E+08	1755
ENSG0000(	6705.461	19278.22	-1.5221	3.75E-44	7.34E-43	SET	chr9	+	1.31E+08	1.31E+08	2915
ENSG0000(	3726.111	5019.832	-0.42962	0.000122	0.000343	PPP2R4	chr9	+	1.32E+08	1.32E+08	2824
ENSG0000(	506.1084	425.4674	0.24853	0.063032	0.1089	GLE1	chr9	+	1.31E+08	1.31E+08	3321
ENSG0000(	1279.866	749.8726	0.76937	1.05E-09	4.85E-09	RAB14	chr9	-	1.24E+08	1.24E+08	4145
ENSG0000(	474.5547	263.9519	0.84545	0.000103	0.000293	CNTRL	chr9	+	1.24E+08	1.24E+08	7660
ENSG0000(	474.3482	286.2177	0.72658	0.000106	0.000301	TRIM32	chr9	+	1.19E+08	1.19E+08	3717
ENSG0000(	743.5243	476.7267	0.64064	2.87E-06	9.81E-06	FBXW2	chr9	-	1.24E+08	1.24E+08	2154
ENSG0000(	1206.763	560.989	1.1029	5.71E-16	3.95E-15	PHF19	chr9	-	1.24E+08	1.24E+08	4241
ENSG0000(	2422.799	596.3283	2.0212	6.79E-72	2.51E-70	NEK6	chr9	+	1.27E+08	1.27E+08	3619
ENSG0000(	0	159.4143	-8.7248	2.68E-15	1.79E-14	BSPRY	chr9	+	1.16E+08	1.16E+08	2339
ENSG0000(	504.696	785.8523	-0.63911	2.61E-07	9.83E-07	PPP6C	chr9	-	1.28E+08	1.28E+08	4349
ENSG0000(	890.1232	876.2224	0.022516	0.82813	0.87889	NDUFA8	chr9	-	1.25E+08	1.25E+08	1000
ENSG0000(	130.8319	189.8317	-0.53205	0.087474	0.14427	HDHD3	chr9	-	1.16E+08	1.16E+08	1834
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	LCN1P1	chr9	-	1.36E+08	1.36E+08	540
ENSG0000(	341.0929	136.3821	1.3213	2.97E-12	1.63E-11	RBM18	chr9	-	1.25E+08	1.25E+08	4974
ENSG0000(	2.407167	0.297015	2.1142	0.16292	0.24337	SLC46A2	chr9	-	1.16E+08	1.16E+08	2502

ENSG0000(	363.7174	297.4328	0.289	0.067033	0.11481	HSDL2	chr9	+	1.15E+08	1.15E+08	3350
ENSG0000(	1957.292	2399.354	-0.2937	0.010656	0.022267	MAPKAP1	chr9	-	1.28E+08	1.28E+08	3395
ENSG0000(	17.22099	10.43909	0.69363	0.23652	0.33059	NR4A3	chr9	+	1.03E+08	1.03E+08	4982
ENSG0000(	339.2007	119.6947	1.4975	5.51E-17	4.03E-16	INVS	chr9	+	1.03E+08	1.03E+08	3709
ENSG0000(	43.36601	383.352	-3.13	9.88E-32	1.35E-30	GALNT12	chr9	+	1.02E+08	1.02E+08	2735
ENSG0000(	349.4857	504.8013	-0.52901	0.008117	0.01733	DENND1A	chr9	-	1.26E+08	1.27E+08	5010
ENSG0000(	605.8575	468.1644	0.37172	0.009025	0.019122	ALG2	chr9	-	1.02E+08	1.02E+08	2966
ENSG0000(	7.282301	3.784254	0.90374	0.29527	0.39728	CSF3R	chr1	-	36931644	36948879	6074
ENSG0000(	873.0931	662.5025	0.39698	0.000903	0.002256	KDSR	chr18	-	60994959	61034743	5447
ENSG0000(	747.7208	556.3893	0.42627	0.010954	0.022823	VPS4B	chr18	-	61056423	61089716	3324
ENSG0000(	4.637074	33.56623	-2.7805	1.39E-06	4.92E-06	ONECUT2	chr18	+	55102917	55158530	16122
ENSG0000(	612.148	908.9044	-0.5694	4.83E-06	1.61E-05	C19orf25	chr19	-	1461142	1479555	2584
ENSG0000(	460.9338	512.8314	-0.15412	0.21397	0.30474	ZBTB45	chr19	-	59024897	59050278	2541
ENSG0000(	2277.648	2019.311	0.1733	0.11296	0.17926	YLPM1	chr14	+	75230069	75304012	7017
ENSG0000(	161.1375	278.9271	-0.78898	3.38E-05	0.000102	DCAF4	chr14	+	73393040	73426411	2896
ENSG0000(	22.86336	7.656723	1.5424	0.004688	0.010483	PROX2	chr14	-	75319736	75330537	3197
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	VSX2	chr14	+	74706175	74729441	2995
ENSG0000(	742.4764	1010.122	-0.44271	0.002395	0.005597	FCF1	chr14	+	75179847	75203394	2412
ENSG0000(	635.1889	78.95825	2.9817	1.78E-23	1.76E-22	PGF	chr14	-	75408537	75422487	3549
ENSG0000(	348.2265	106.8868	1.7014	1.83E-20	1.58E-19	IFI27L2	chr14	-	94594116	94596590	938
ENSG0000(	17.23135	3.763237	2.0664	0.004685	0.010479	CCDC176	chr14	+	74486056	74549566	3106
ENSG0000(	785.7213	1032.024	-0.39409	0.000416	0.001093	NEK9	chr14	-	75548822	75594047	5544
ENSG0000(	123.9782	127.6244	-0.04589	0.87543	0.91345	ACYP1	chr14	-	75519924	75536186	789
ENSG0000(	282.9007	149.9704	0.91284	8.00E-06	2.60E-05	IFT43	chr14	+	76368479	76550928	1765
ENSG0000(	1277.738	1104.019	0.21071	0.056111	0.098395	NPC2	chr14	-	74942895	74960880	1436
ENSG0000(	150.4745	77.55959	0.95182	1.03E-05	3.29E-05	DNAL1	chr14	+	74111578	74164463	2312
ENSG0000(	3240.98	8839.563	-1.4439	6.77E-16	4.67E-15	IRF2BPL	chr14	-	77490888	77495034	4147
ENSG0000(	409.3679	267.5445	0.61399	0.000406	0.001066	ACOT2	chr14	+	74034324	74042357	1774
ENSG0000(	23873.71	69.18583	8.4088	0	0	LTBP2	chr14	-	74964873	75079306	8567
ENSG0000(	1210.924	857.8249	0.49699	7.09E-05	0.000206	AREL1	chr14	-	75119880	75179818	5456
ENSG0000(	205.3513	181.635	0.17539	0.3874	0.49154	MLH3	chr14	-	75480467	75518235	7896
ENSG0000(	701.1251	527.8862	0.40974	0.002802	0.006491	TTLL5	chr14	+	76099968	76421421	4683
ENSG0000(	6.681161	111.9602	-4.0276	4.29E-23	4.15E-22	FLVCR2	chr14	+	76044960	76129557	3629
ENSG0000(	426.34	803.1843	-0.91265	4.77E-15	3.13E-14	ABCD4	chr14	-	74752126	74769759	3008
ENSG0000(	1679.41	2079.101	-0.30767	0.004116	0.009282	DLST	chr14	+	75348594	75370448	2838
ENSG0000(	2.157942	61.53959	-4.7459	1.37E-12	7.71E-12	PPP4R4	chr14	+	94612465	94746072	3868
ENSG0000(	387.5418	22.38829	4.1047	4.46E-65	1.47E-63	TGFB3	chr14	-	76424442	76449334	2708
ENSG0000(	3.672853	21.51108	-2.4783	0.000128	0.00036	ZC2HC1C	chr14	+	75530873	75545126	2392
ENSG0000(	543.3119	1365.604	-1.3274	1.07E-27	1.25E-26	SLIRP	chr14	+	78174414	78227447	865
ENSG0000(	2712.069	2982.845	-0.13698	0.31395	0.41633	RBM25	chr14	+	73525144	73588122	6848
ENSG0000(	292.571	383.2224	-0.38844	0.0798	0.13321	ALDH6A1	chr14	-	74523553	74551196	5499
ENSG0000(	248.0541	16.12198	3.911	4.08E-37	6.63E-36	GPR68	chr14	-	91698876	91720269	2859
ENSG0000(	1.411244	46.54746	-4.7982	9.62E-09	4.09E-08	ESRRB	chr14	+	76776957	76968178	2713
ENSG0000(	470.3568	369.6015	0.34653	0.020013	0.039496	EIF2B2	chr14	+	75469614	75476292	1537
ENSG0000(	339.7668	241.8873	0.48869	0.029473	0.055905	NRDE2	chr14	-	90742580	90798481	5828
ENSG0000(	31.97402	21.59762	0.55663	0.16601	0.24715	COQ6	chr14	+	74416629	74430373	3119
ENSG0000(	17.71765	9.894469	0.80129	0.16776	0.24921	ZNF410	chr14	+	74353320	74399214	2601
ENSG0000(	784.8619	523.7127	0.58228	0.000813	0.002045	RHOQ	chr2	+	46768945	46810260	2975
ENSG0000(	56.56982	41.86552	0.43296	0.2173	0.30867	GPR75	chr2	-	54080050	54087126	2115
ENSG0000(	621.9336	418.0503	0.57373	0.000153	0.000426	SUPT7L	chr2	-	27873679	27886676	4488
ENSG0000(	699.9609	354.0942	0.97951	1.61E-10	7.84E-10	KLHL29	chr2	+	23608088	23931481	6385
ENSG0000(	1567.48	3739.503	-1.2523	1.64E-17	1.23E-16	DNMT3A	chr2	-	25455845	25565459	4477
ENSG0000(	3338.646	956.9107	1.8013	8.62E-83	3.79E-81	TMEM214	chr2	+	27255778	27264563	2990
ENSG0000(	349.7642	299.3864	0.22481	0.14197	0.21646	ATAD2B	chr2	-	23971534	24149984	8103
ENSG0000(	22.60477	59.22584	-1.3835	7.99E-05	0.00023	FKBP1B	chr2	+	24272571	24286551	1601
ENSG0000(	532.3636	819.8176	-0.62161	2.27E-07	8.58E-07	ATL2	chr2	-	38522022	38604427	2868
ENSG0000(	878.9635	383.1771	1.1975	2.86E-15	1.91E-14	YPEL5	chr2	+	30369807	30383399	2560
ENSG0000(	2093.978	1407.465	0.57216	4.21E-05	0.000125	FAM98A	chr2	-	33808725	33824449	3546
ENSG0000(	801.6473	484.333	0.72414	1.73E-07	6.62E-07	YIPF4	chr2	+	32502979	32537002	7288
ENSG0000(	251.0886	274.2313	-0.12831	0.50453	0.60789	AFTPH	chr2	+	64751465	64820139	4674
ENSG0000(	216.0983	316.226	-0.54689	0.047681	0.085372	LGALSL	chr2	+	64681103	64688515	3539
ENSG0000(	308.3774	21.97318	3.7837	3.56E-51	8.43E-50	CNRIP1	chr2	-	68511303	68547183	1953
ENSG0000(	212.4575	361.2503	-0.76256	1.39E-05	4.38E-05	BCL11A	chr2	-	60678302	60780702	5942
ENSG0000(	202.2527	159.5726	0.34028	0.092793	0.15177	CRIPT	chr2	+	46843555	46852881	1953
ENSG0000(	8.494933	2818.306	-8.2563	2.97E-170	4.40E-168	EPCAM	chr2	+	47572297	47614740	1724

ENSG0000(	809.2646	242.7805	1.7312	1.05E-30	1.38E-29	SLC17A5	chr6	-	74303102	74363878	3455
ENSG0000(	269.3201	96.00498	1.4867	1.61E-15	1.09E-14	OGFRL1	chr6	+	71998506	72011973	1711
ENSG0000(	598.9343	330.0126	0.85586	9.31E-09	3.97E-08	FAM178A	chr10	+	1.03E+08	1.03E+08	6894
ENSG0000(	755.2054	689.2941	0.13184	0.38896	0.49319	IDE	chr10	-	94211441	94333833	5877
ENSG0000(	5.092656	4.33216	0.23106	0.80517	0.86223	ELOVL3	chr10	+	1.04E+08	1.04E+08	1371
ENSG0000(	66.00004	10.8979	2.5535	1.72E-06	6.01E-06	IFIT3	chr10	+	91087651	91100728	2496
ENSG0000(	33.51803	1.058552	4.7513	1.10E-08	4.65E-08	IFIT2	chr10	+	91061712	91069033	3489
ENSG0000(	415.0712	394.1297	0.075205	0.76329	0.82821	GPAM	chr10	-	1.14E+08	1.14E+08	6369
ENSG0000(	224.8111	346.6848	-0.6231	0.000254	0.000688	CUTC	chr10	+	1.01E+08	1.02E+08	1346
ENSG0000(	136.8698	17.82955	2.933	1.53E-20	1.33E-19	PPP1R3C	chr10	-	93388199	93392811	2524
ENSG0000(	161.0124	107.3692	0.58114	0.064595	0.11126	PYROXD2	chr10	-	1E+08	1E+08	2865
ENSG0000(	0.342542	26.86137	-5.4937	8.92E-07	3.20E-06	CNNM1	chr10	+	1.01E+08	1.01E+08	5959
ENSG0000(	155.3366	292.8251	-0.90925	0.001393	0.003381	MXI1	chr10	+	1.12E+08	1.12E+08	3470
ENSG0000(	377.1246	520.5347	-0.46445	0.002455	0.005729	SMNDC1	chr10	-	1.12E+08	1.12E+08	2031
ENSG0000(	246.7092	116.7795	1.079	2.86E-09	1.26E-08	C10orf88	chr10	-	1.25E+08	1.25E+08	2991
ENSG0000(	519.8825	2739.082	-2.3958	2.92E-102	1.73E-100	HELLS	chr10	+	96305547	96373662	4987
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	PRLHR	chr10	-	1.2E+08	1.2E+08	1980
ENSG0000(	635.5883	555.9365	0.1935	0.13156	0.20374	TCTN3	chr10	-	97423153	97453900	2739
ENSG0000(	535.5509	604.4156	-0.17266	0.22191	0.31407	FAM45A	chr10	+	1.21E+08	1.21E+08	2586
ENSG0000(	81.60922	143.8159	-0.81182	0.005776	0.012697	AVPI1	chr10	-	99437181	99447080	1457
ENSG0000(	1070.868	929.5048	0.20466	0.091884	0.15044	WDR11	chr10	+	1.23E+08	1.23E+08	4954
ENSG0000(	472.8477	330.7788	0.51597	0.000222	0.000603	C10orf76	chr10	-	1.04E+08	1.04E+08	4119
ENSG0000(	23.30183	52.88098	-1.1819	0.002432	0.005677	KCNIP2	chr10	-	1.04E+08	1.04E+08	2617
ENSG0000(	20.64299	33.27337	-0.67024	0.12894	0.20036	CCDC147	chr10	+	1.06E+08	1.06E+08	3313
ENSG0000(	666.6422	895.9229	-0.42501	0.000221	0.000602	GOT1	chr10	-	1.01E+08	1.01E+08	1947
ENSG0000(	0	2.010288	-2.4674	0.13027	0.202	CPN1	chr10	-	1.02E+08	1.02E+08	1863
ENSG0000(	2.987769	14.47752	-2.1753	0.005066	0.011275	C10orf95	chr10	-	1.04E+08	1.04E+08	1469
ENSG0000(	31.15015	81.92988	-1.3792	0.000321	0.000855	SFRP5	chr10	-	99526508	99531709	1836
ENSG0000(	992.1658	992.1286	0.000496	0.99614	0.99778	GNA13	chr17	-	63006833	63052957	4922
ENSG0000(	5.041229	1.372552	1.6016	0.20879	0.29877	HOXB8	chr17	-	46688739	46692478	1823
ENSG0000(	719.1711	962.6348	-0.41979	0.001704	0.00408	KANSL1	chr17	-	44107282	44302733	9095
ENSG0000(	133.2425	0	8.533	3.25E-15	2.16E-14	HOXB5	chr17	-	46668619	46671323	2041
ENSG0000(	0.342542	33.49271	-5.7969	1.26E-07	4.86E-07	CRHR1	chr17	+	43699267	43913194	2535
ENSG0000(	1369.239	19.74597	6.0863	3.74E-164	5.10E-162	HOXB3	chr17	-	46626232	46682274	4208
ENSG0000(	0	54.43956	-7.3296	3.92E-11	2.00E-10	HOXB1	chr17	-	46605888	46608359	2020
ENSG0000(	202.3358	175.7294	0.20195	0.27207	0.3715	DUSP1	chr5	-	1.72E+08	1.72E+08	2019
ENSG0000(	1947.275	1816.771	0.10022	0.44296	0.54867	PANK3	chr5	-	1.68E+08	1.68E+08	10506
ENSG0000(	530.6737	8.922459	5.8456	1.40E-73	5.34E-72	MSX2	chr5	+	1.74E+08	1.74E+08	2241
ENSG0000(	615.4556	23.98501	4.6671	2.11E-83	9.37E-82	TEK	chr9	+	27109139	27230173	4760
ENSG0000(	99.9497	197.9751	-0.97588	1.53E-05	4.81E-05	RCL1	chr9	+	4792869	4861064	2134
ENSG0000(	267.2698	498.7707	-0.89921	9.59E-10	4.43E-09	CAAP1	chr9	-	26840683	26892802	2791
ENSG0000(	0	4.317591	-3.6334	0.012226	0.025232	EQTN	chr9	-	27284656	27297137	1031
ENSG0000(	36.96994	1071.696	-4.8289	7.00E-123	5.72E-121	MOB3B	chr9	-	27325207	27529779	6454
ENSG0000(	0.342542	0	0.4146	0.81455	NA	INSL6	chr9	-	5163863	5185668	758
ENSG0000(	0.342542	0	0.4146	0.81455	NA	INSL4	chr9	+	5231419	5235304	1952
ENSG0000(	12.72948	7.114522	0.79302	0.20995	0.29999	MLANA	chr9	+	5890802	5910606	2415
ENSG0000(	37.93758	0	6.8441	9.69E-10	4.48E-09	CD274	chr9	+	5450503	5470566	3644
ENSG0000(	0.290301	0	0.4146	0.81455	NA	IFNA8	chr9	+	21409146	21410184	1039
ENSG0000(	4.554922	0	3.6431	0.013829	0.028227	GRIA2	chr4	+	1.58E+08	1.58E+08	5621
ENSG0000(	763.9491	1104.217	-0.5313	3.66E-06	1.23E-05	NUP43	chr6	-	1.5E+08	1.5E+08	3874
ENSG0000(	1196.083	1818.981	-0.60488	1.01E-08	4.29E-08	MTHFD1L	chr6	+	1.51E+08	1.51E+08	3604
ENSG0000(	685.1573	292.1413	1.223	2.34E-07	8.85E-07	LRP11	chr6	-	1.5E+08	1.5E+08	3260
ENSG0000(	9.60471	2.171348	1.9489	0.038529	0.071015	CCDC170	chr6	+	1.52E+08	1.52E+08	5304
ENSG0000(	1084.355	1091.974	-0.0102	0.9213	0.94708	PCMT1	chr6	+	1.5E+08	1.5E+08	1984
ENSG0000(	239.7175	78.29602	1.6099	6.55E-13	3.77E-12	PLEKHG1	chr6	+	1.51E+08	1.51E+08	7237
ENSG0000(	28.63352	4.380699	2.6474	7.54E-06	2.46E-05	MYCT1	chr6	+	1.53E+08	1.53E+08	3030
ENSG0000(	0	1.340997	-1.8899	0.26871	NA	CXorf21	chrX	-	30576941	30595961	1855
ENSG0000(	209.943	262.8775	-0.32144	0.056712	0.099349	CYSTM1	chr5	+	1.4E+08	1.4E+08	1334
ENSG0000(	656.9375	427.473	0.61934	5.43E-05	0.00016	WDR55	chr5	+	1.4E+08	1.4E+08	4080
ENSG0000(	1735.836	1870.182	-0.10756	0.46862	0.57327	ARAP3	chr5	-	1.41E+08	1.41E+08	5250
ENSG0000(	9.553283	5.721697	0.71414	0.33434	0.43779	PCDHB8	chr5	+	1.41E+08	1.41E+08	2711
ENSG0000(	192.1406	43.01973	2.1416	5.33E-18	4.09E-17	PCDHB10	chr5	+	1.41E+08	1.41E+08	3274
ENSG0000(	118.1306	47.5858	1.2972	8.78E-06	2.84E-05	PCDHB14	chr5	+	1.41E+08	1.41E+08	2781
ENSG0000(	34.93783	12.5999	1.4547	0.000656	0.001673	PCDHB12	chr5	+	1.41E+08	1.41E+08	3406
ENSG0000(	0.705622	1.684135	-1.0112	0.48979	0.59379	SLC25A2	chr5	-	1.41E+08	1.41E+08	1417

ENSG0000(	0.580602	16.17697	-4.177	5.79E-05	0.00017	TNN	chr1	+	1.75E+08	1.75E+08	5008
ENSG0000(	338.4924	368.8617	-0.12179	0.39541	0.49991	MRPS14	chr1	-	1.75E+08	1.75E+08	2115
ENSG0000(	218.2876	203.7472	0.10115	0.5873	0.68293	CENPL	chr1	-	1.74E+08	1.74E+08	2473
ENSG0000(	1.016461	0	1.3167	0.46021	NA	TNFSF18	chr1	-	1.73E+08	1.73E+08	2008
ENSG0000(	8.268037	0.357707	3.7838	0.003682	0.008367	SEC16B	chr1	-	1.78E+08	1.78E+08	3985
ENSG0000(	247.5514	102.3872	1.264	1.02E-09	4.68E-09	GORAB	chr1	+	1.71E+08	1.71E+08	2467
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	GPR31	chr6	-	1.68E+08	1.68E+08	2059
ENSG0000(	2310.975	1251.979	0.88141	5.47E-05	0.000161	ACAT2	chr6	+	1.6E+08	1.6E+08	3180
ENSG0000(	3064.776	4649.895	-0.60068	6.46E-07	2.35E-06	TCP1	chr6	-	1.6E+08	1.6E+08	2499
ENSG0000(	0	5.49108	-4.0179	0.003836	0.00869	TTLL2	chr6	+	1.68E+08	1.68E+08	2680
ENSG0000(	1529.202	613.6393	1.316	6.36E-34	9.36E-33	SNX19	chr11	-	1.31E+08	1.31E+08	6535
ENSG0000(	11.71139	5.347004	1.0967	0.14059	0.21453	KCNJ5	chr11	+	1.29E+08	1.29E+08	5940
ENSG0000(	303.4912	193.6558	0.64825	0.002351	0.005501	MSANTD2	chr11	-	1.25E+08	1.25E+08	3086
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	TP53AIP1	chr11	-	1.29E+08	1.29E+08	2875
ENSG0000(	0	3.9623	-3.5074	0.016856	0.033786	TEX11	chrX	-	69748790	70128581	3133
ENSG0000(	16.64976	4.660728	1.7738	0.006734	0.014615	ARR3	chrX	+	69488155	69501690	1298
ENSG0000(	519.0475	254.9016	1.0251	8.73E-09	3.72E-08	PDZD11	chrX	-	69506445	69510364	1043
ENSG0000(	126.914	28.92336	2.127	1.07E-15	7.27E-15	SLC10A7	chr4	-	1.47E+08	1.47E+08	3747
ENSG0000(	331.479	1001.027	-1.5921	3.51E-29	4.33E-28	NUDCD1	chr8	-	1.1E+08	1.1E+08	4217
ENSG0000(	886.4392	1367.178	-0.62345	0.000138	0.000386	ENY2	chr8	+	1.1E+08	1.1E+08	2966
ENSG0000(	369.3282	681.1785	-0.88121	2.04E-09	9.16E-09	MASTL	chr10	+	27443753	27475853	3623
ENSG0000(	1045.837	711.5225	0.55429	0.000628	0.001606	KIAA1217	chr10	+	23983675	24836772	7383
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	SEPT7P9	chr10	-	38671997	38691844	743
ENSG0000(	0.653381	0	0.82678	0.64037	NA	MRC1	chr10	+	18098352	18200091	5171
ENSG0000(	263.6827	407	-0.62253	0.000136	0.000382	PLXDC2	chr10	+	20105168	20569286	2969
ENSG0000(	302.2368	270.1072	0.16166	0.54395	0.64433	EPC1	chr10	-	32556679	32667726	7386
ENSG0000(	0.653381	49.33317	-5.6808	3.27E-09	1.44E-08	IQSEC3	chr12	+	175931	287626	7094
ENSG0000(	197.15	329.1685	-0.73533	0.001455	0.003522	CCDC77	chr12	+	498439	551811	2371
ENSG0000(	285.4309	284.675	0.004055	0.98228	0.99011	TAF12	chr1	-	28915835	28969597	1359
ENSG0000(	243.5938	3.175656	6.2156	1.34E-35	2.09E-34	ENOX1	chr13	-	43787654	44361044	2982
ENSG0000(	0	73.2718	-7.7261	2.31E-12	1.28E-11	TNFSF11	chr13	+	43136872	43182149	2198
ENSG0000(	93.90031	126.6458	-0.43566	0.079329	0.13256	MTRF1	chr13	-	41790505	41837742	2185
ENSG0000(	8.227775	5.845498	0.46992	0.60776	0.70056	SPG20OS	chr13	+	36920568	36943738	566
ENSG0000(	2.781412	30.69732	-3.3601	2.42E-06	8.34E-06	SOHLH2	chr13	-	36742345	36871979	2193
ENSG0000(	230.5655	201.3959	0.19827	0.29312	0.3951	DNAJC15	chr13	+	43597339	43683045	2538
ENSG0000(	894.9618	1959.246	-1.13	1.67E-26	1.86E-25	PROSER1	chr13	-	39584002	39612252	5168
ENSG0000(	1282.561	636.743	1.01	3.14E-18	2.43E-17	UFM1	chr13	+	38923986	38937140	2534
ENSG0000(	301.4876	311.7398	-0.04605	0.80278	0.86054	WBP4	chr13	+	41635410	41658137	2618
ENSG0000(	617.6911	208.5143	1.5587	3.54E-14	2.19E-13	ELF1	chr13	-	41506056	41635576	3566
ENSG0000(	269.5887	33.07102	3.0158	5.28E-39	9.06E-38	SMAD9	chr13	-	37418968	37494902	5592
ENSG0000(	2646.275	2028.24	0.38328	0.007595	0.016321	HSPH1	chr13	-	31710762	31736525	3612
ENSG0000(	188.2681	503.4796	-1.4181	1.82E-16	1.29E-15	KBTBD7	chr13	-	41763969	41768702	4734
ENSG0000(	308.5363	197.8178	0.63854	0.021814	0.042696	ALG5	chr13	-	37523912	37574398	1154
ENSG0000(	483.8265	692.1725	-0.51501	0.002301	0.00539	EXOSC8	chr13	+	37572953	37583750	2423
ENSG0000(	1742.051	2861.206	-0.71405	3.25E-05	9.80E-05	ETF1	chr5	-	1.38E+08	1.38E+08	3874
ENSG0000(	67541.92	193.3957	8.3951	2.35E-190	4.63E-188	TGFBI	chr5	+	1.35E+08	1.35E+08	4661
ENSG0000(	955.9372	1434.376	-0.58366	7.63E-05	0.00022	FAM53C	chr5	+	1.38E+08	1.38E+08	4375
ENSG0000(	380.2614	135.9575	1.477	4.11E-18	3.17E-17	SIL1	chr5	-	1.38E+08	1.39E+08	1923
ENSG0000(	462.1945	801.2955	-0.79169	9.38E-08	3.67E-07	PAIP2	chr5	+	1.39E+08	1.39E+08	2294
ENSG0000(	0	4.303021	-3.6613	0.010513	0.022005	MYOT	chr5	+	1.37E+08	1.37E+08	2337
ENSG0000(	2059.978	2881.003	-0.48319	0.000445	0.001164	KDM3B	chr5	+	1.38E+08	1.38E+08	6813
ENSG0000(	1286.181	53.36403	4.5797	7.42E-121	5.85E-119	EGR1	chr5	+	1.38E+08	1.38E+08	3138
ENSG0000(	4137.123	2663.936	0.63403	8.05E-08	3.17E-07	SERP1	chr3	-	1.5E+08	1.5E+08	3934
ENSG0000(	47.47114	430.0136	-3.1746	9.44E-54	2.37E-52	PLS1	chr3	+	1.42E+08	1.42E+08	3755
ENSG0000(	180.722	112.4889	0.67694	0.003678	0.008358	ZFP30	chr19	-	38104650	38183238	6090
ENSG0000(	287.1418	382.0421	-0.41342	0.004357	0.00979	NR2C1	chr12	-	95415669	95467479	2499
ENSG0000(	887.3679	950.6616	-0.09865	0.69296	0.77114	UTP20	chr12	+	1.02E+08	1.02E+08	9025
ENSG0000(	2579.39	2963.078	-0.19959	0.24896	0.34527	TMPO	chr12	+	98909290	98944157	4242
ENSG0000(	1378.447	685.9984	1.0062	1.50E-21	1.35E-20	ARL1	chr12	-	1.02E+08	1.02E+08	3241
ENSG0000(	932.1987	65.59568	3.8266	1.27E-117	9.49E-116	GLT8D2	chr12	-	1.04E+08	1.04E+08	1880
ENSG0000(	91.37749	43.04646	1.0699	0.00065	0.001659	MTERFD3	chr12	-	1.07E+08	1.07E+08	3235
ENSG0000(	233.601	968.6177	-2.047	2.88E-29	3.57E-28	SOCS2	chr12	+	93963590	93977263	3733
ENSG0000(	461.3362	734.9576	-0.66895	2.26E-05	6.96E-05	NFYB	chr12	-	1.05E+08	1.05E+08	3512
ENSG0000(	146.4934	38.58466	1.9217	9.39E-13	5.35E-12	CCDC53	chr12	-	1.02E+08	1.02E+08	945
ENSG0000(	1242.263	405.4336	1.6079	2.13E-11	1.11E-10	APAF1	chr12	+	99038919	99129204	7055

ENSG0000(	6719.07	304.7204	4.4591	0	0	DUSP4	chr8	-	29190581	29208185	5537
ENSG0000(	1251.658	2882.08	-1.2026	9.60E-35	1.45E-33	CLU	chr8	-	27454434	27472548	3080
ENSG0000(	2610.4	1390.239	0.90585	6.50E-06	2.14E-05	TNFRSF10B	chr8	-	22877646	22926692	4146
ENSG0000(	1739.977	1327.841	0.38896	0.025087	0.048398	SORBS3	chr8	+	22402499	22433301	3459
ENSG0000(	33.11127	95.67567	-1.5143	1.58E-07	6.05E-07	PTK2B	chr8	+	27168999	27316903	4715
ENSG0000(	0	5.098529	-3.8135	0.008753	0.018604	ADRA1A	chr8	-	26605667	26724790	2548
ENSG0000(	195.1045	43.13226	2.1555	1.16E-15	7.89E-15	PPP3CC	chr8	+	22298332	22398652	2189
ENSG0000(	302.2548	216.8206	0.47861	0.049017	0.087468	PDLIM2	chr8	+	22435792	22455538	4592
ENSG0000(	0.995923	150.609	-6.8821	3.11E-20	2.65E-19	EPHX2	chr8	+	27348296	27403081	3140
ENSG0000(	314.3605	243.6641	0.36579	0.031066	0.058469	RNF170	chr8	-	42704780	42752433	4116
ENSG0000(	0.290301	4.711684	-2.8292	0.067601	0.11562	NPPB	chr1	-	11917521	11918988	694
ENSG0000(	315.2036	599.0263	-0.92281	9.30E-08	3.64E-07	UBIAD1	chr1	+	11333263	11356106	3646
ENSG0000(	2796.222	3062.001	-0.13062	0.43008	0.53556	TARDBP	chr1	+	11072414	11085796	2748
ENSG0000(	45.62241	1133.226	-4.6123	2.34E-107	1.51E-105	TNFRSF8	chr1	+	12123434	12204264	3686
ENSG0000(	685.747	610.4362	0.16847	0.15745	0.23667	ZNF706	chr8	-	1.02E+08	1.02E+08	3502
ENSG0000(	861.0593	1868.219	-1.117	6.77E-25	7.04E-24	LYPLA1	chr8	-	54958938	55014577	2574
ENSG0000(	625.2602	395.5639	0.65923	0.002512	0.005854	CRISPLD1	chr8	+	75896750	75946793	4287
ENSG0000(	580.8056	571.1775	0.024894	0.8773	0.91454	COPS5	chr8	-	67955314	67996018	5691
ENSG0000(	648.43	303.8248	1.0897	5.29E-11	2.68E-10	RDH10	chr8	+	74206847	74237516	3949
ENSG0000(	1.431782	11.16182	-2.6987	0.012885	0.026479	EPX	chr17	+	56270098	56282535	2708
ENSG0000(	226.5361	1401.326	-2.6259	4.54E-68	1.58E-66	AKAP1	chr17	+	55162453	55198710	4089
ENSG0000(	372.6101	550.371	-0.56093	1.65E-05	5.15E-05	COIL	chr17	-	55015548	55038415	2650
ENSG0000(	688.7815	852.2695	-0.30699	0.006231	0.013625	TRIM25	chr17	-	54965270	54991399	5734
ENSG0000(	529.6121	415.6294	0.34953	0.004503	0.010097	SCPEP1	chr17	+	55055466	55084129	1942
ENSG0000(	742.516	262.9941	1.4934	4.85E-28	5.75E-27	SPOP	chr17	-	47676246	47755596	3088
ENSG0000(	3425.142	0.937167	11.231	3.56E-61	1.05E-59	TBX2	chr17	+	59477257	59486827	5218
ENSG0000(	877.1984	602.8953	0.54056	0.001878	0.004462	SLC35B1	chr17	-	47778305	47786376	2487
ENSG0000(	419.5433	4.117655	5.2167	0.000276	0.000743	TBX4	chr17	+	59529765	59562471	3398
ENSG0000(	1359.455	2490.29	-0.87198	1.06E-11	5.62E-11	DYNLL2	chr17	+	56160776	56168592	2500
ENSG0000(	1.742621	19.91107	-3.3616	4.42E-05	0.000132	TEX14	chr17	-	56634039	56769416	4927
ENSG0000(	87.6053	534.9284	-2.602	1.53E-47	3.27E-46	FAM117A	chr17	-	47787694	47866542	2365
ENSG0000(	561.7167	945.0841	-0.74947	2.46E-10	1.19E-09	NCAPH	chr2	+	97001525	97039583	2952
ENSG0000(	0.685084	811.0731	-9.5634	2.34E-31	3.15E-30	LRAT	chr4	+	1.56E+08	1.56E+08	5002
ENSG0000(	1061.202	530.5004	0.9999	1.57E-17	1.18E-16	KIAA0922	chr4	+	1.54E+08	1.55E+08	5017
ENSG0000(	87.55745	324.1138	-1.8806	2.64E-16	1.86E-15	MND1	chr4	+	1.54E+08	1.54E+08	968
ENSG0000(	48.55101	274.7602	-2.4976	2.27E-29	2.84E-28	TRIM6	chr11	+	5617339	5634188	3403
ENSG0000(	2.73773	1.294874	0.93651	0.45732	0.56257	ABCC11	chr16	-	48200821	48281479	4862
ENSG0000(	214.1835	381.3932	-0.83025	4.54E-07	1.67E-06	PAPD5	chr16	+	50186829	50269221	7842
ENSG0000(	497.85	75.42799	2.7039	9.64E-21	8.42E-20	ADCY7	chr16	+	50280048	50352046	6213
ENSG0000(	725.1688	396.2959	0.87131	3.32E-11	1.70E-10	CEP89	chr19	-	33369908	33462897	2903
ENSG0000(	939.4888	473.8846	0.98653	1.15E-14	7.37E-14	TSHZ3	chr19	-	31765851	31840453	5176
ENSG0000(	69.66596	468.1882	-2.7316	6.42E-20	5.38E-19	ECHDC2	chr1	-	53361656	53392884	5817
ENSG0000(	10.88238	696.7078	-5.9649	1.88E-98	1.04E-96	PLBD1	chr12	-	14656595	14721283	2426
ENSG0000(	7.708787	0	4.5373	0.000533	0.001377	TAS2R10	chr12	-	10977916	10978957	1042
ENSG0000(	6.878145	0	4.3828	0.000929	0.002316	PRB2	chr12	-	11544476	11653975	1427
ENSG0000(	94.80724	52.49642	0.85341	0.002062	0.00487	PYROXD1	chr12	+	21590549	21623300	3639
ENSG0000(	0.342542	1.355566	-1.3789	0.3926	NA	IAPP	chr12	+	21507893	21532912	2015
ENSG0000(	6.597217	8.59389	-0.36774	0.60207	0.69555	KCNJ8	chr12	-	21917889	21928515	2389
ENSG0000(	1.628766	15.39112	-3.026	0.000384	0.001011	BCL2L14	chr12	+	12202778	12364018	2039
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-408E	chr13	+	19756173	19761496	465
ENSG0000(	734.3516	1553.814	-1.0767	1.93E-06	6.73E-06	PSPC1	chr13	-	20248896	20357142	2407
ENSG0000(	131.5782	195.1514	-0.56505	0.006387	0.013935	ZNF549	chr19	+	58038693	58068910	5505
ENSG0000(	16.55645	4.447097	1.7913	0.011984	0.024778	A1BG	chr19	-	58856544	58864865	2301
ENSG0000(	88.2066	286.8071	-1.6916	1.16E-13	6.94E-13	ZSCAN18	chr19	-	58595205	58629794	5729
ENSG0000(	136.7086	177.713	-0.37851	0.05327	0.093999	ZNF211	chr19	+	58141761	58154147	2759
ENSG0000(	348.6882	212.5549	0.70976	1.94E-05	6.03E-05	PDZRN3	chr3	-	73431584	73674091	4248
ENSG0000(	29.83483	112.231	-1.8838	1.18E-05	3.75E-05	LHX4	chr1	+	1.8E+08	1.8E+08	7083
ENSG0000(	466.0365	599.4527	-0.36156	0.040653	0.074408	RNF2	chr1	+	1.85E+08	1.85E+08	3606
ENSG0000(	337.635	509.7909	-0.59224	0.004002	0.009039	TRMT1L	chr1	-	1.85E+08	1.85E+08	4470
ENSG0000(	116.3612	66.87203	0.79742	0.000948	0.00236	SEC22A	chr3	+	1.23E+08	1.23E+08	4228
ENSG0000(	2.407167	0.715414	1.3984	0.33758	0.44132	CSTA	chr3	+	1.22E+08	1.22E+08	821
ENSG0000(	17.87356	12126.78	-9.3519	0	0	DPPA4	chr3	-	1.09E+08	1.09E+08	3043
ENSG0000(	4.927375	3.38284	0.51778	0.56615	0.66403	POPDC2	chr3	-	1.19E+08	1.19E+08	1958
ENSG0000(	330.0055	315.3061	0.06537	0.66268	0.74615	B4GALT4	chr3	-	1.19E+08	1.19E+08	5794
ENSG0000(	1931.496	2734.33	-0.50082	0.000388	0.001022	NAA50	chr3	-	1.13E+08	1.13E+08	3601

ENSG0000(	0	0.654722	-0.83442	0.63731	NA	CD80	chr3	-	1.19E+08	1.19E+08	2725
ENSG0000(	260.4926	212.7695	0.29216	0.28248	0.38356	KIF18A	chr11	-	28042167	28129855	3568
ENSG0000(	1361.52	1686.894	-0.30906	0.001005	0.002491	DESI2	chr1	+	2.45E+08	2.45E+08	4208
ENSG0000(	442.9235	1051.73	-1.2449	1.02E-16	7.35E-16	MAPK8IP1	chr11	+	45907202	45928016	3180
ENSG0000(	284.8719	430.5099	-0.59264	0.003455	0.007892	CRY2	chr11	+	45868669	45904798	4203
ENSG0000(	285.9321	577.8177	-1.0121	6.77E-07	2.45E-06	PEX16	chr11	-	45931220	45940363	1639
ENSG0000(	97.22703	41.44477	1.2223	0.000142	0.000398	DEPDC7	chr11	+	33037410	33055128	2012
ENSG0000(	251.6466	80.05467	1.6451	1.10E-14	7.08E-14	CAT	chr11	+	34460472	34493609	2302
ENSG0000(	424.5259	513.6302	-0.27424	0.067763	0.11586	PILRB	chr7	+	99933702	99965454	4345
ENSG0000(	1482.339	1955.095	-0.39825	0.007846	0.016799	ZMYM2	chr13	+	20532810	20665968	10199
ENSG0000(	14.29582	16.4247	-0.19514	0.77295	0.83657	GJA3	chr13	-	20712394	20735188	5211
ENSG0000(	536.2176	471.4594	0.18617	0.34725	0.45142	TBC1D15	chr12	+	72233487	72320629	5785
ENSG0000(	1789.19	1166.375	0.61534	0.000518	0.001341	BAI2	chr1	-	32192718	32230494	5403
ENSG0000(	2.188831	8.461968	-1.7636	0.061728	0.10694	HCRTR1	chr1	+	32083287	32098119	2001
ENSG0000(	355.664	487.6425	-0.45409	0.000948	0.002361	ZCCHC17	chr1	+	31769842	31837783	1730
ENSG0000(	1037.224	107.1052	3.2732	1.35E-74	5.25E-73	FABP3	chr1	-	31838472	31849697	725
ENSG0000(	4528.24	5830.299	-0.36444	0.00011	0.000311	KHDRBS1	chr1	+	32479430	32526451	2757
ENSG0000(	342.3206	338.8035	0.016821	0.92406	0.94888	TMEM39B	chr1	+	32537632	32568467	2087
ENSG0000(	1.431782	1.684135	-0.21507	0.87716	0.91443	CCR2	chr3	+	46395225	46402419	2671
ENSG0000(	732.6279	397.1249	0.88024	1.11E-07	4.30E-07	RNF115	chr1	+	1.46E+08	1.46E+08	3560
ENSG0000(	308.9214	61.14953	2.3234	1.24E-15	8.40E-15	POLR3GL	chr1	-	1.45E+08	1.45E+08	1603
ENSG0000(	11.56746	1.416259	2.8494	0.002514	0.005857	TNFSF10	chr3	-	1.72E+08	1.72E+08	1953
ENSG0000(	350.4195	377.8359	-0.10814	0.43959	0.54535	ZNF639	chr3	+	1.79E+08	1.79E+08	3016
ENSG0000(	3.206105	230.7097	-6.1416	1.23E-34	1.85E-33	SLITRK3	chr3	-	1.65E+08	1.65E+08	4555
ENSG0000(	565.3669	173.5848	1.7008	1.24E-22	1.18E-21	PIK3CA	chr3	+	1.79E+08	1.79E+08	9093
ENSG0000(	2046.779	1728.735	0.24359	0.024103	0.046687	PDS5A	chr4	-	39824483	39979576	7176
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	TMEM156	chr4	-	38968365	39034542	1935
ENSG0000(	57.284	163.0428	-1.5035	1.17E-11	6.19E-11	LIAS	chr4	+	39460620	39479273	1775
ENSG0000(	0.342542	161.5507	-7.9625	6.10E-16	4.21E-15	CPXM2	chr10	-	1.25E+08	1.26E+08	3554
ENSG0000(	108.2099	173.9177	-0.67615	0.034262	0.063927	TMEM54	chr1	-	33360195	33367039	999
ENSG0000(	125.2169	49.38642	1.33	4.29E-07	1.58E-06	ZSCAN20	chr1	+	33938246	33962107	4316
ENSG0000(	1110.987	425.9785	1.382	8.54E-27	9.62E-26	CSMD2	chr1	-	33979609	34631443	13684
ENSG0000(	3.112789	23.0026	-2.8183	3.52E-05	0.000106	HPCA	chr1	+	33351595	33364042	1468
ENSG0000(	179.3331	224.2442	-0.32307	0.046318	0.083242	LRIF1	chr1	-	1.11E+08	1.12E+08	3475
ENSG0000(	536.6776	422.7208	0.34218	0.038822	0.071485	CLCC1	chr1	-	1.09E+08	1.1E+08	4825
ENSG0000(	384.5936	265.5258	0.53091	0.075238	0.12681	GPSM2	chr1	+	1.09E+08	1.09E+08	3310
ENSG0000(	213.7059	159.1412	0.42444	0.014721	0.029869	GTDC1	chr2	-	1.45E+08	1.45E+08	2954
ENSG0000(	1.939605	17.21933	-2.9642	0.000206	0.000564	CXCR4	chr2	-	1.37E+08	1.37E+08	1895
ENSG0000(	170.8475	176.4877	-0.04772	0.77969	0.84184	ZRANB3	chr2	-	1.36E+08	1.36E+08	6820
ENSG0000(	257.8893	144.6532	0.83161	1.66E-05	5.19E-05	ACVR2A	chr2	+	1.49E+08	1.49E+08	5728
ENSG0000(	325.3914	74.41864	2.1258	1.04E-31	1.41E-30	POLK	chr5	+	74807581	74896969	5911
ENSG0000(	0	4.181636	-3.6092	0.012592	0.025925	SV2C	chr5	+	75378997	75649764	7158
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	FLT3	chr13	-	28577411	28674729	3848
ENSG0000(	5101.396	7345.284	-0.5255	6.46E-09	2.78E-08	RPL21	chr13	+	27825446	27830828	815
ENSG0000(	226.5125	253.2864	-0.1583	0.36446	0.46886	MTIF3	chr13	-	28009776	28024739	1104
ENSG0000(	837.327	692.1654	0.27381	0.036831	0.068178	GTF3A	chr13	+	27998681	28009958	1919
ENSG0000(	5.208303	35.56765	-2.6924	1.05E-06	3.75E-06	RASL11A	chr13	+	27844464	27847827	1543
ENSG0000(	851.5152	539.272	0.65959	4.40E-06	1.47E-05	UBL3	chr13	-	30338508	30424821	4384
ENSG0000(	1323.003	783.3806	0.75613	5.61E-13	3.24E-12	FYTTD1	chr3	+	1.97E+08	1.98E+08	3654
ENSG0000(	293.9356	292.0707	0.010808	0.96336	0.97842	MTERFD2	chr2	-	2.42E+08	2.42E+08	4529
ENSG0000(	0.685084	1.545765	-0.83233	0.6129	0.70502	XPNPEP2	chrX	+	1.29E+08	1.29E+08	3270
ENSG0000(	4.814334	0.654722	2.4269	0.052586	0.092907	SASH3	chrX	+	1.29E+08	1.29E+08	2626
ENSG0000(	906.4005	534.8016	0.75877	6.97E-07	2.52E-06	OCRL	chrX	+	1.29E+08	1.29E+08	5162
ENSG0000(	232.142	620.8415	-1.4153	2.91E-22	2.71E-21	MRPS2	chr9	+	1.38E+08	1.38E+08	1640
ENSG0000(	0	8.126078	-4.4052	0.002021	0.004779	TBX22	chrX	+	79270255	79287268	2351
ENSG0000(	1459.171	2.667426	8.9154	1.67E-71	6.14E-70	FMOD	chr1	-	2.03E+08	2.03E+08	3310
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	MYOG	chr1	-	2.03E+08	2.03E+08	1528
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	LAX1	chr1	+	2.04E+08	2.04E+08	3023
ENSG0000(	1768.442	1647.529	0.10221	0.34363	0.44763	KIAA1191	chr5	-	1.76E+08	1.76E+08	2991
ENSG0000(	8856.989	2889.562	1.6147	1.67E-54	4.27E-53	COPA	chr1	-	1.6E+08	1.6E+08	4789
ENSG0000(	0.923144	0.343138	0.88162	0.61011	NA	CD244	chr1	-	1.61E+08	1.61E+08	2463
ENSG0000(	0	18.10709	-5.7047	4.29E-06	1.44E-05	HS3ST2	chr16	+	22825498	22927659	2314
ENSG0000(	1483.178	1997.397	-0.42862	0.000261	0.000705	RBBP6	chr16	+	24549014	24584184	6482
ENSG0000(	980.6072	602.0684	0.70278	8.89E-06	2.87E-05	ZC3H7A	chr16	-	11844442	11891123	3845
ENSG0000(	136.6649	278.3655	-1.0215	0.000309	0.000826	SERAC1	chr6	-	1.59E+08	1.59E+08	4013

ENSG0000(	1496.458	1860.52	-0.31385	0.001357	0.003298	ANXA11	chr10	-	81910645	81965328	6965
ENSG0000(	12.70894	22.3754	-0.81177	0.12275	0.19249	LDB3	chr10	+	88428206	88495825	5436
ENSG0000(	353.9103	395.7351	-0.16039	0.25804	0.35569	FAM35A	chr10	+	88854953	88951225	3609
ENSG0000(	1384.564	991.786	0.48076	3.23E-05	9.75E-05	FAM213A	chr10	+	82167585	82192753	2058
ENSG0000(	242.018	438.3052	-0.85587	1.72E-08	7.15E-08	ZNF205	chr16	+	3162561	3170518	2062
ENSG0000(	167.4813	180.6589	-0.11316	0.57423	0.67131	NAA60	chr16	+	3493611	3536963	2735
ENSG0000(	9705.181	14198.32	-0.54829	6.78E-07	2.46E-06	RPL5	chr1	+	93297582	93307481	1210
ENSG0000(	504.9222	153.9447	1.7121	2.22E-24	2.27E-23	ODF2L	chr1	-	86814344	86862023	5723
ENSG0000(	190.9578	0.686276	7.6241	3.13E-20	2.67E-19	PTGFR	chr1	+	78769568	79005434	4450
ENSG0000(	11.21375	2.292733	2.1579	0.007149	0.015444	SPATA1	chr1	+	84971974	85031877	1981
ENSG0000(	136.0161	120.6785	0.17312	0.56173	0.66018	TRMT13	chr1	+	1.01E+08	1.01E+08	3129
ENSG0000(	6.5039	2.431104	1.3191	0.19435	0.28201	LRRC39	chr1	-	1.01E+08	1.01E+08	1466
ENSG0000(	80.31362	29.84924	1.4145	2.14E-06	7.40E-06	RWDD3	chr1	+	95699711	95712781	1538
ENSG0000(	548.403	677.5611	-0.3024	0.30496	0.40653	ZNF644	chr1	-	91380859	91487829	5698
ENSG0000(	148.6771	169.0509	-0.18074	0.4109	0.51573	CCDC18	chr1	+	93645476	93744287	4867
ENSG0000(	146.9222	178.5359	-0.27777	0.14661	0.22259	RPAP2	chr1	+	92764522	92853730	3110
ENSG0000(	938.6127	565.2859	0.73001	8.89E-10	4.12E-09	PQLC1	chr18	-	77662420	77711664	2887
ENSG0000(	499.6322	108.5287	2.1955	1.40E-23	1.38E-22	NBPF14	chr1	-	1.48E+08	1.48E+08	3689
ENSG0000(	272.3746	423.6275	-0.63385	0.015869	0.031989	BBS9	chr7	+	33168856	33645680	4027
ENSG0000(	210.8765	218.5272	-0.04784	0.77737	0.83999	PMS2	chr7	-	6012870	6048756	2855
ENSG0000(	1199.977	1263.606	-0.07417	0.61853	0.70969	ZMIZ2	chr7	+	44788180	44809477	5141
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	OCM	chr7	+	5919458	5925993	695
ENSG0000(	2899.27	1442.703	1.0036	4.95E-06	1.65E-05	7-Sep	chr7	+	35840542	35944917	6976
ENSG0000(	161.0101	260.7105	-0.69175	0.004687	0.010482	EEPD1	chr7	+	36192758	36341152	4765
ENSG0000(	598.0313	1299.526	-1.1177	2.11E-16	1.49E-15	KLHL7	chr7	+	23145353	23215040	3304
ENSG0000(	372.4729	268.8142	0.46683	0.074734	0.1261	HERPUD2	chr7	-	35672269	35735181	3057
ENSG0000(	2347.821	2525.187	-0.10448	0.59436	0.68888	CBX3	chr7	+	26240782	26252976	2128
ENSG0000(	17265.04	22719.4	-0.39556	0.00184	0.004377	HNRNPA2B	chr7	-	26229547	26241149	6284
ENSG0000(	4.979616	327.0321	-5.9666	3.99E-48	8.66E-47	WIPF3	chr7	+	29846102	29956682	4002
ENSG0000(	0	4.006007	-3.5479	0.014348	0.029184	NXPH1	chr7	+	8473585	8792593	2921
ENSG0000(	10.77789	10.71583	0.013571	0.98502	0.99131	NPY	chr7	+	24323782	24331484	705
ENSG0000(	798.7142	1426.823	-0.83476	1.14E-07	4.43E-07	FAM126A	chr7	-	22980878	23053749	6337
ENSG0000(	38.46594	0	6.8638	8.46E-10	3.93E-09	HOXA7	chr7	-	27193335	27197555	2020
ENSG0000(	5351.616	8.515339	8.5976	2.17E-20	1.86E-19	INHBA	chr7	-	41724712	41742706	6064
ENSG0000(	4531.42	212.2845	4.4085	2.18E-193	4.55E-191	FKBP9	chr7	+	32997017	33046543	3462
ENSG0000(	212.2115	215.3004	-0.0193	0.92245	0.94782	NT5C3A	chr7	-	33053742	33102409	1788
ENSG0000(	248.3867	165.8508	0.58106	0.027113	0.051908	ARL4A	chr7	+	12726481	12730559	3162
ENSG0000(	232.2679	252.0157	-0.11504	0.5249	0.62696	CCZ1	chr7	+	5938356	5965605	2867
ENSG0000(	458.803	374.0991	0.29391	0.14953	0.22643	POLM	chr7	-	44111846	44122139	3218
ENSG0000(	0	5.661004	-4.071	0.003071	0.007066	RAMP3	chr7	+	45197390	45225901	1323
ENSG0000(	515.0384	830.842	-0.68835	2.48E-05	7.61E-05	FTSJ2	chr7	-	2273866	2281840	2511
ENSG0000(	766.5425	7.174342	6.0189	3.41E-08	1.38E-07	TWIST1	chr7	-	19060614	19157295	1666
ENSG0000(	1201.569	1298.211	-0.11095	0.38286	0.48702	SMU1	chr9	-	33041762	33076665	7122
ENSG0000(	1343.365	58.31935	4.5192	5.06E-179	8.64E-177	GLIPR2	chr9	+	36136732	36163910	2702
ENSG0000(	137.5059	76.44833	0.84597	7.12E-05	0.000206	SLC25A51	chr9	-	37879400	37904350	1868
ENSG0000(	2765.778	2383.898	0.21444	0.04854	0.086726	CLTA	chr9	+	36190853	36304778	1890
ENSG0000(	393.6923	177.501	1.1463	3.23E-13	1.89E-12	RECK	chr9	+	36036430	36124448	4888
ENSG0000(	0.290301	2.338857	-2.1125	0.15886	0.23827	SPINK4	chr9	+	33218363	33248565	533
ENSG0000(	0.580602	0	0.8036	0.6494	NA	OR2S2	chr9	-	35957105	35958151	1047
ENSG0000(	1303.361	1315.477	-0.0135	0.92102	0.94695	ACO1	chr9	+	32384618	32450834	3601
ENSG0000(	2.064625	6.815092	-1.6033	0.10952	0.17432	KIAA1045	chr9	+	34957484	34982541	5718
ENSG0000(	2.261609	7.426106	-1.5906	0.079127	0.13228	DNAI1	chr9	+	34457412	34520982	2499
ENSG0000(	758.1793	354.0928	1.093	2.15E-06	7.46E-06	DCAF10	chr9	+	37800499	37867663	7801
ENSG0000(	1.503747	1020.894	-8.9889	9.45E-51	2.21E-49	CNTFR	chr9	-	34551430	34590121	2052
ENSG0000(	1114.461	789.448	0.4959	0.00926	0.019579	KIAA1549	chr7	-	1.39E+08	1.39E+08	12379
ENSG0000(	995.3485	2950.241	-1.5666	3.71E-63	1.16E-61	TRIM24	chr7	+	1.38E+08	1.38E+08	8410
ENSG0000(	504.0448	422.7038	0.2542	0.17945	0.26353	C7orf49	chr7	-	1.35E+08	1.35E+08	2576
ENSG0000(	10186.93	3457.283	1.5542	9.15E-15	5.91E-14	CALD1	chr7	+	1.34E+08	1.35E+08	4544
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	AKR1D1	chr7	+	1.38E+08	1.38E+08	2347
ENSG0000(	61.95017	370.7653	-2.5712	1.26E-41	2.31E-40	NUDT10	chrX	+	51075083	51080377	2001
ENSG0000(	0.342542	0	0.4146	0.81455	NA	SFTPA1	chr10	+	81370695	81375196	2212
ENSG0000(	0	65.43938	-7.517	3.58E-11	1.83E-10	NEUROG3	chr10	-	71331454	71332994	1376
ENSG0000(	1001.135	236.9407	2.0718	1.74E-36	2.77E-35	PLAU	chr10	+	75668935	75677255	2658
ENSG0000(	26.35977	9.750394	1.3898	0.006524	0.014205	SRGN	chr10	+	70847862	70864567	1208
ENSG0000(	755.634	281.21	1.4193	2.86E-09	1.27E-08	CHST3	chr10	+	73724123	73773322	6970

ENSG0000(	2518.184	20.07857	6.9588	7.77E-222	2.11E-219	BICC1	chr10	+	60272900	60591195	5473
ENSG0000(	0	1.40169	-1.7271	0.32809	NA	ARL4P	chr10	+	62444263	62444967	705
ENSG0000(	232.7044	388.4667	-0.73707	2.85E-05	8.68E-05	CISD1	chr10	+	60028818	60049346	2479
ENSG0000(	1338.815	8.562336	7.229	4.04E-122	3.24E-120	EGR2	chr10	-	64571756	64679660	2968
ENSG0000(	705.1183	664.9098	0.085279	0.60634	0.69954	ECD	chr10	-	74889913	74927853	3069
ENSG0000(	2125.409	948.5415	1.1607	1.13E-08	4.78E-08	P4HA1	chr10	-	74766975	74856732	2937
ENSG0000(	190.7632	74.59097	1.3391	0.000196	0.000539	SLC25A16	chr10	-	70242521	70287231	1766
ENSG0000(	973.2426	1225.757	-0.33082	0.19767	0.28584	ZWINT	chr10	-	58116989	58121036	1961
ENSG0000(	710.3557	518.7048	0.45367	0.000397	0.001044	VPS26A	chr10	+	70883268	70932617	3229
ENSG0000(	863.3267	1027.436	-0.24992	0.17122	0.25364	RBM19	chr12	-	1.14E+08	1.14E+08	4422
ENSG0000(	1348.129	1395.968	-0.0509	0.66233	0.74597	CIT	chr12	-	1.2E+08	1.2E+08	8708
ENSG0000(	262.5968	185.0742	0.50534	0.001732	0.004141	IFT81	chr12	+	1.11E+08	1.11E+08	3108
ENSG0000(	115.3603	207.9243	-0.84701	0.000679	0.001726	ACADS	chr12	+	1.21E+08	1.21E+08	1950
ENSG0000(	49.26617	61.92495	-0.33023	0.36625	0.4709	HVCN1	chr12	-	1.11E+08	1.11E+08	2189
ENSG0000(	1.794862	2.278164	-0.32555	0.80307	0.86078	NME2P1	chr12	+	1.21E+08	1.21E+08	693
ENSG0000(	1387.026	2818.028	-1.0217	1.02E-22	9.67E-22	DDX54	chr12	-	1.14E+08	1.14E+08	4380
ENSG0000(	2006.064	918.5125	1.1243	1.13E-10	5.55E-10	MED13L	chr12	-	1.16E+08	1.17E+08	9530
ENSG0000(	504.7665	3.78667	6.9987	1.74E-56	4.66E-55	CDKN2C	chr1	+	51426417	51440305	2904
ENSG0000(	1058.094	710.4354	0.57284	1.41E-06	4.98E-06	RNF11	chr1	+	51701943	51739127	3084
ENSG0000(	886.5501	337.2701	1.3934	1.13E-30	1.48E-29	RASSF8	chr12	+	26111962	26232825	5510
ENSG0000(	223.7772	57.28437	1.9524	9.64E-19	7.61E-18	BHLHE41	chr12	-	26272959	26278060	3837
ENSG0000(	158.9471	7.501368	4.3373	2.30E-29	2.87E-28	SSPN	chr12	+	26274924	26452223	2788
ENSG0000(	1181.06	748.8472	0.65622	0.000195	0.000536	ITPR2	chr12	-	26490342	26986131	10511
ENSG0000(	141.9197	188.7978	-0.41177	0.022232	0.043446	CCDC91	chr12	+	28286182	28732883	2738
ENSG0000(	25.30321	88.81667	-1.7889	2.70E-06	9.26E-06	NECAB1	chr8	+	91803778	91971636	5289
ENSG0000(	614.2726	685.9923	-0.15962	0.24838	0.34463	WWP1	chr8	+	87354967	87490649	4686
ENSG0000(	782.3383	464.4971	0.75032	7.27E-10	3.39E-09	ACOT9	chrX	-	23720370	23784592	3117
ENSG0000(	1527.578	1367.086	0.16039	0.20923	0.29919	PRDX4	chrX	+	23682379	23704516	1005
ENSG0000(	1676.959	2030.493	-0.27515	0.11165	0.17735	DDX39A	chr19	-	14519631	14530192	1903
ENSG0000(	2667.399	4780.36	-0.84003	1.28E-07	4.96E-07	PKN1	chr19	+	14543865	14582679	3518
ENSG0000(	3492.592	3145.934	0.1505	0.21109	0.30138	C19orf43	chr19	-	12841454	12845589	988
ENSG0000(	171.7178	86.65452	0.97946	1.46E-05	4.61E-05	CD97	chr19	+	14491313	14519537	3188
ENSG0000(	63.72212	82.22998	-0.36912	0.17623	0.25966	WDR83	chr19	+	12777614	12786646	1480
ENSG0000(	2124.987	1509.937	0.49224	6.43E-06	2.11E-05	GIPC1	chr19	-	14588572	14606944	2071
ENSG0000(	0.72616	0	0.85004	0.63064	NA	ACTRT1	chrX	-	1.27E+08	1.27E+08	1440
ENSG0000(	267.2776	96.13127	1.4708	4.28E-12	2.32E-11	SPRYD7	chr13	-	50486842	50510626	3086
ENSG0000(	595.9769	1425.908	-1.2582	2.97E-32	4.14E-31	EBPL	chr13	-	50234859	50265611	1026
ENSG0000(	450.7974	234.9957	0.93814	8.00E-11	3.99E-10	ATP7B	chr13	-	52506809	52585630	6638
ENSG0000(	2845.244	2339.911	0.28181	0.093326	0.15249	ZC3H13	chr13	-	46528600	46626894	8018
ENSG0000(	0	9.298767	-4.7445	0.000336	0.000892	GUCY1B2	chr13	-	51568647	51654998	2871
ENSG0000(	1379.479	2752.66	-0.99566	3.64E-18	2.81E-17	NLN	chr5	+	65018023	65167553	8661
ENSG0000(	309.5782	277.4826	0.15831	0.33209	0.43531	CENPK	chr5	-	64813593	64858998	1734
ENSG0000(	651.2886	202.8888	1.675	2.79E-14	1.75E-13	OPTN	chr10	+	13141449	13180291	3521
ENSG0000(	2759.74	141.2672	4.2818	9.26E-203	2.06E-200	ITIH5	chr10	-	7601232	7708961	6945
ENSG0000(	273.2076	319.8271	-0.22573	0.25007	0.3465	ATF1	chr12	+	51157493	51214905	2181
ENSG0000(	194.2797	246.2915	-0.33956	0.098918	0.15999	TSFM	chr12	+	58176372	58201854	2192
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	NEUROD4	chr12	+	55413729	55423798	3953
ENSG0000(	9.346112	20.64675	-1.1066	0.044695	0.080633	ARHGAP9	chr12	-	57866038	57882597	2912
ENSG0000(	4.160953	3.945314	0.048542	0.95996	0.97606	NCKAP1L	chr12	+	54891495	54937726	4720
ENSG0000(	55.44546	6.583602	3.0152	3.19E-10	1.52E-09	MMP19	chr12	-	56229217	56236750	3840
ENSG0000(	1675.9	1255.372	0.41692	0.000351	0.000931	PFDN5	chr12	+	53689075	53693234	1980
ENSG0000(	1196.743	603.1685	0.98582	1.97E-08	8.16E-08	SPATS2	chr12	+	49760367	49921205	3318
ENSG0000(	79.27581	79.51314	6.21E-05	0.9998	0.99987	ORMDL2	chr12	+	56211703	56215663	2141
ENSG0000(	105.9747	516.4911	-2.2673	5.64E-14	3.46E-13	NR4A1	chr12	+	52416616	52453291	4837
ENSG0000(	0.36308	26.53501	-5.2658	1.68E-05	5.24E-05	PDE1B	chr12	+	54943134	54973023	4734
ENSG0000(	0.290301	0.594029	-0.38058	0.83094	NA	HOXC13	chr12	+	54332535	54340328	2437
ENSG0000(	491.2198	395.762	0.31144	0.01343	0.027503	CDK2	chr12	+	56360553	56366568	2598
ENSG0000(	35437.71	6715.087	2.397	5.63E-88	2.71E-86	LRP1	chr12	+	57522276	57607134	14897
ENSG0000(	56.12117	0.686276	5.9226	2.44E-11	1.26E-10	HOXC11	chr12	+	54366910	54371427	3261
ENSG0000(	498.7109	421.8854	0.23934	0.078274	0.13107	C12orf44	chr12	+	52463030	52471278	1439
ENSG0000(	3.629985	68.21557	-4.1095	1.08E-11	5.70E-11	NFE2	chr12	-	54685895	54694905	1833
ENSG0000(	226.2841	328.7905	-0.53523	0.001722	0.004118	IKZF4	chr12	+	56401443	56432219	5229
ENSG0000(	264.4987	326.3746	-0.30148	0.034284	0.063958	SMUG1	chr12	-	54558529	54582778	2607
ENSG0000(	3019.61	3052.985	-0.01556	0.89186	0.92499	TUBA1B	chr12	-	49521565	49525180	3198
ENSG0000(	98.52344	22.52438	2.0805	1.25E-05	3.98E-05	METTL21B	chr12	+	58165275	58176324	2762

ENSG0000(	76.50882	56.97191	0.41873	0.10415	0.16699	KBTBD4	chr11	-	47593749	47600567	3079
ENSG0000(	180.7102	259.308	-0.51792	0.049803	0.088665	SARDH	chr9	-	1.37E+08	1.37E+08	3344
ENSG0000(	11.00658	17.87896	-0.67083	0.27971	0.38047	DBH	chr9	+	1.37E+08	1.37E+08	2763
ENSG0000(	327.8954	647.7374	-0.98032	4.48E-14	2.77E-13	ATPAF1	chr1	-	47098409	47139539	4158
ENSG0000(	448.2616	666.645	-0.57109	0.000973	0.002418	STIL	chr1	-	47715811	47779819	5225
ENSG0000(	927.933	1346.343	-0.5362	3.30E-06	1.12E-05	HJURP	chr2	-	2.35E+08	2.35E+08	3050
ENSG0000(	87.42706	2.200487	5.0925	2.30E-17	1.71E-16	COL10A1	chr6	-	1.16E+08	1.16E+08	3498
ENSG0000(	1129.18	2080.633	-0.87563	0.002621	0.006097	AMD1	chr6	+	1.11E+08	1.11E+08	3438
ENSG0000(	166.8016	356.1433	-1.0885	1.30E-06	4.61E-06	NDUFAF4	chr6	-	97337189	97345757	2399
ENSG0000(	256.277	274.2563	-0.09903	0.62462	0.71475	USP45	chr6	-	99880190	99969604	6255
ENSG0000(	39.99879	1021.612	-4.6512	2.65E-137	2.51E-135	PLP1	chrX	+	1.03E+08	1.03E+08	3133
ENSG0000(	5692.019	2911.071	0.9668	2.61E-21	2.34E-20	MORF4L2	chrX	-	1.03E+08	1.03E+08	2749
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	H2BFWT	chrX	-	1.03E+08	1.03E+08	894
ENSG0000(	42.1705	3.169208	3.5849	1.04E-09	4.78E-09	RAB9B	chrX	-	1.03E+08	1.03E+08	3748
ENSG0000(	175.5157	93.94193	0.90083	0.000683	0.001737	NRK	chrX	+	1.05E+08	1.05E+08	8064
ENSG0000(	561.2631	501.9781	0.15903	0.22863	0.32177	FAM199X	chrX	+	1.03E+08	1.03E+08	7457
ENSG0000(	1.866827	0.997859	0.77521	0.56179	0.66021	ESX1	chrX	-	1.03E+08	1.03E+08	1495
ENSG0000(	155.8977	290.8478	-0.89797	1.32E-06	4.68E-06	RAB9A	chrX	+	13707244	13728625	2039
ENSG0000(	213.8905	222.31	-0.05749	0.71766	0.7909	METTL8	chr2	-	1.72E+08	1.72E+08	2246
ENSG0000(	410.9979	299.746	0.45559	0.026227	0.050366	TTC21B	chr2	-	1.67E+08	1.67E+08	5482
ENSG0000(	70.25512	109.5621	-0.6361	0.024993	0.048257	NMI	chr2	-	1.52E+08	1.52E+08	2094
ENSG0000(	382.2148	1.372552	7.8624	1.55E-33	2.26E-32	TNFAIP6	chr2	+	1.52E+08	1.52E+08	1422
ENSG0000(	1.576526	15.64289	-3.0699	0.000311	0.000832	ACVR1C	chr2	-	1.58E+08	1.58E+08	3385
ENSG0000(	494.5982	342.6893	0.52879	0.02653	0.050892	BAZ2B	chr2	-	1.6E+08	1.6E+08	8289
ENSG0000(	670.8484	189.5446	1.8211	4.98E-22	4.58E-21	SLC36A1	chr5	+	1.51E+08	1.51E+08	5781
ENSG0000(	855.0854	323.9299	1.3977	1.79E-28	2.16E-27	LPGAT1	chr1	-	2.12E+08	2.12E+08	7782
ENSG0000(	23.24877	30.78715	-0.3996	0.31388	0.41626	BATF3	chr1	-	2.13E+08	2.13E+08	2357
ENSG0000(	9.761433	2.872193	1.647	0.042534	0.077318	G0S2	chr1	+	2.1E+08	2.1E+08	866
ENSG0000(	5.943022	16.14467	-1.3603	0.062112	0.10748	KCNJ2	chr17	+	68164814	68176189	5392
ENSG0000(	724.6509	458.9091	0.65631	1.72E-05	5.37E-05	RAP2C	chrX	-	1.31E+08	1.31E+08	3896
ENSG0000(	534.3592	688.6713	-0.36392	0.080725	0.13456	EXOSC9	chr4	+	1.23E+08	1.23E+08	3882
ENSG0000(	446.7637	541.533	-0.27699	0.22295	0.31533	PLA2G12A	chr4	-	1.11E+08	1.11E+08	5226
ENSG0000(	107.5229	62.46132	0.78422	0.000762	0.001924	B9D2	chr19	-	41860326	41870078	1027
ENSG0000(	458.8008	873.5905	-0.92888	1.63E-09	7.40E-09	ADCK4	chr19	-	41197434	41224112	2443
ENSG0000(	218.4157	434.1479	-0.99032	1.12E-10	5.53E-10	PFKFB2	chr1	+	2.07E+08	2.07E+08	7094
ENSG0000(	25.65773	70.08816	-1.4444	2.14E-05	6.60E-05	ZNF137P	chr19	+	53091758	53100660	1920
ENSG0000(	46.70472	103.6252	-1.1461	4.86E-05	0.000144	RAB38	chr11	-	87846410	87908635	1465
ENSG0000(	0.290301	2.468363	-2.0505	0.2029	0.29178	GPR83	chr11	-	94110477	94134585	4282
ENSG0000(	886.6646	972.3994	-0.13297	0.33122	0.43437	AGO2	chr8	-	1.42E+08	1.42E+08	3572
ENSG0000(	2280.287	500.7596	2.182	6.90E-48	1.49E-46	MXD4	chr4	-	2249159	2264021	4228
ENSG0000(	46.59266	35.2942	0.3886	0.27752	0.37781	PMS2P5	chr7	+	74306894	74366314	1220
ENSG0000(	819.4122	2047.827	-1.3191	2.58E-18	2.00E-17	CKS2	chr9	+	91926113	91931618	613
ENSG0000(	2.085163	5.865772	-1.4015	0.15937	0.23891	DAW1	chr2	+	2.29E+08	2.29E+08	2476
ENSG0000(	3846.799	1412.275	1.4432	1.02E-19	8.49E-19	ACSL3	chr2	+	2.24E+08	2.24E+08	5679
ENSG0000(	7359.989	2812.304	1.3862	2.18E-26	2.41E-25	CHPF	chr2	-	2.2E+08	2.2E+08	3013
ENSG0000(	648.6494	1046.502	-0.68908	2.04E-05	6.32E-05	DNPEP	chr2	-	2.2E+08	2.2E+08	2425
ENSG0000(	11.47414	14.40871	-0.32112	0.57942	0.67587	INHA	chr2	+	2.2E+08	2.2E+08	1468
ENSG0000(	0	2.558194	-2.582	0.12605	0.1967	MOGAT1	chr2	+	2.24E+08	2.24E+08	1048
ENSG0000(	3314.981	3603.734	-0.12028	0.47593	0.5805	OBSL1	chr2	-	2.2E+08	2.2E+08	5841
ENSG0000(	0.290301	61.76463	-6.6561	1.92E-10	9.31E-10	FAM124B	chr2	-	2.25E+08	2.25E+08	2594
ENSG0000(	2202.636	1116.334	0.97544	8.44E-05	0.000243	SLC12A4	chr16	-	67977377	68003504	4670
ENSG0000(	166.3366	159.4005	0.058553	0.79014	0.85039	ENKD1	chr16	-	67696848	67701168	1579
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	MC3R	chr20	+	54823788	54824871	1084
ENSG0000(	10.72565	10.1081	0.082	0.89107	0.92445	GCNT7	chr20	-	55066548	55100981	2064
ENSG0000(	0	53.25338	-7.2171	4.39E-10	2.08E-09	CTCFL	chr20	-	56071021	56100708	3996
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	HMGB1P1	chr20	-	56063448	56064083	636
ENSG0000(	792.6796	560.5149	0.49917	3.98E-05	0.000119	FAM210B	chr20	+	54933971	54943719	3046
ENSG0000(	2.604151	0	2.8487	0.070705	0.12022	PI3	chr20	+	43803517	43805185	577
ENSG0000(	1.161205	1.012429	0.16701	0.9195	0.94586	FAM209A	chr20	+	55092243	55101198	911
ENSG0000(	446.74	347.7128	0.36107	0.047023	0.084341	SNX21	chr20	+	44462449	44471914	3106
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	SLPI	chr20	-	43880880	43883205	596
ENSG0000(	4.470978	4.198622	0.085788	0.92796	0.95224	WFDC3	chr20	-	44376583	44420571	1000
ENSG0000(	513.665	285.2104	0.84548	0.000188	0.000518	TTPAL	chr20	+	43104526	43123244	6234
ENSG0000(	2112.876	797.7052	1.4025	1.23E-21	1.11E-20	PREX1	chr20	-	47240790	47444420	6737
ENSG0000(	69.66336	82.52787	-0.24646	0.32958	0.43268	KCNS1	chr20	-	43720951	43729753	4538

ENSG0000(	15.14618	10.21492	0.55855	0.344	0.44803	SLC12A5	chr20	+	44650329	44688789	6041
ENSG0000(	0.653381	18.02619	-4.2932	3.03E-05	9.18E-05	ARHGAP40	chr20	+	37230577	37279678	2841
ENSG0000(	484.2084	1658.023	-1.7734	3.54E-64	1.13E-62	SDC4	chr20	-	43953928	43977064	2613
ENSG0000(	1042.45	460.8637	1.1744	5.78E-13	3.33E-12	NCOA3	chr20	+	46130601	46285621	7939
ENSG0000(	1629.062	1140.328	0.5148	0.000107	0.000303	PIGT	chr20	+	44044707	44054884	2235
ENSG0000(	3.081086	50.61013	-3.9265	2.84E-09	1.26E-08	MATN4	chr20	-	43922085	43937169	2282
ENSG0000(	891.3811	843.4605	0.07728	0.90129	0.93185	NCOA5	chr20	-	44689624	44718591	3220
ENSG0000(	833.9805	1027.572	-0.30061	0.023582	0.045812	VAPB	chr20	+	56964178	57026157	7936
ENSG0000(	24.05546	235.1813	-3.2611	9.32E-31	1.23E-29	PARD6B	chr20	+	49348081	49373332	4615
ENSG0000(	2155.243	434.8904	2.308	2.48E-94	1.33E-92	ATP5E	chr20	-	57600522	57607437	3665
ENSG0000(	1395.975	1096.907	0.34727	0.006157	0.013479	CHD6	chr20	-	40030741	40247133	10818
ENSG0000(	3815.586	3491.003	0.12825	0.1303	0.20203	PLCG1	chr20	+	39765600	39825427	5493
ENSG0000(	21.18333	103.9474	-2.2713	5.42E-14	3.33E-13	TOX2	chr20	+	42543492	42698256	2605
ENSG0000(	2812.796	3215.881	-0.18852	0.73059	0.80108	SRSF6	chr20	+	42086568	42092245	3683
ENSG0000(	7.397134	112.1982	-3.8278	7.54E-15	4.91E-14	GDAP1L1	chr20	+	42875887	42909013	2265
ENSG0000(	986.8276	660.0411	0.57822	2.54E-05	7.76E-05	ARFGEF2	chr20	+	47538427	47653230	8852
ENSG0000(	558.2097	382.7544	0.54212	0.023624	0.045871	ZNFX1	chr20	-	47854483	47894963	7371
ENSG0000(	46.52681	4.409837	3.3446	7.76E-10	3.62E-09	EDN3	chr20	+	57875482	57901047	2655
ENSG0000(	2022.266	4487.536	-1.1462	8.53E-09	3.64E-08	CSE1L	chr20	+	47662849	47713489	3553
ENSG0000(	1044.785	238.5356	2.1247	3.80E-46	7.81E-45	RAB22A	chr20	+	56884752	56942563	8670
ENSG0000(	2333.949	921.0845	1.3366	7.79E-11	3.89E-10	PTGIS	chr20	-	48120411	48184683	5579
ENSG0000(	2657.112	2858.168	-0.1051	0.29905	0.40075	STAU1	chr20	-	47729878	47804904	3534
ENSG0000(	13.08058	19.37773	-0.54836	0.2665	0.3652	CDH26	chr20	+	58533471	58609066	3182
ENSG0000(	118.1862	141.9107	-0.26089	0.35379	0.45797	SNAI1	chr20	+	48599536	48605423	1686
ENSG0000(	227.4159	359.4978	-0.65785	0.005905	0.012958	MOCS3	chr20	+	49575363	49577820	2458
ENSG0000(	975.459	1214.597	-0.31609	0.072086	0.12218	STX16	chr20	+	57226328	57254582	4937
ENSG0000(	128.3371	99.26725	0.36977	0.14701	0.2231	PPP4R1L	chr20	-	56806188	56884495	3593
ENSG0000(	8999.555	1173.631	2.9331	1.52E-76	6.12E-75	PMEPA1	chr20	-	56223448	56286592	4845
ENSG0000(	1191.277	1559.068	-0.3878	0.000168	0.000466	RNF114	chr20	+	48552948	48570429	2440
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	ANKRD60	chr20	-	56793551	56803709	1038
ENSG0000(	781.9337	1153.175	-0.55937	8.88E-05	0.000255	DDX27	chr20	+	47835884	47860614	4929
ENSG0000(	0	25.77368	-6.2731	8.40E-08	3.30E-07	RBPJL	chr20	+	43935491	43945803	1830
ENSG0000(	0	15.03013	-5.331	5.52E-05	0.000162	SEMG1	chr20	+	43835638	43838413	1662
ENSG0000(	160.7993	316.0414	-0.9696	0.000176	0.000486	BCAS4	chr20	+	49411431	49493714	1498
ENSG0000(	1.741807	4.150082	-1.0072	0.451	0.5566	KCNK15	chr20	+	43374421	43379675	1320
ENSG0000(	12.18914	7.683445	0.64864	0.31265	0.41482	TP53TG5	chr20	-	44002526	44036529	1051
ENSG0000(	0.653381	0	0.82678	0.64037	NA	ZBP1	chr20	-	56178902	56195632	4213
ENSG0000(	21.57714	46.9069	-1.1066	0.026859	0.051474	NEURL2	chr20	-	44517264	44519926	1278
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	MAGEA10	chrX	-	1.51E+08	1.51E+08	2628
ENSG0000(	308.249	333.1213	-0.11131	0.66075	0.74463	MTRR	chr5	+	7851299	7906138	3274
ENSG0000(	79.63514	110.9629	-0.47294	0.15784	0.23715	FASTKD3	chr5	-	7859272	7869150	2402
ENSG0000(	1020.347	1252.275	-0.29491	0.010528	0.022026	PEPD	chr19	-	33877856	34012700	1901
ENSG0000(	12.6884	1309.695	-6.6443	1.22E-89	6.09E-88	CHST8	chr19	+	34112861	34264413	2478
ENSG0000(	291.3004	1348.626	-2.2057	1.50E-50	3.49E-49	IQSEC2	chrX	-	53262058	53350522	6011
ENSG0000(	520.9888	336.9478	0.62937	5.43E-05	0.00016	VAMP7	chrX	+	1.55E+08	1.55E+08	2646
ENSG0000(	0	11.4491	-5.1505	3.00E-05	9.08E-05	IL9R	chrX	+	1.55E+08	1.55E+08	2278
ENSG0000(	6.660623	17.23236	-1.3283	0.052087	0.092199	XG	chrX	+	2670091	2734539	2887
ENSG0000(	635.3655	618.8256	0.039229	0.7963	0.85544	STAMBP	chr2	+	74056086	74100786	6691
ENSG0000(	1717.64	422.371	2.0171	1.16E-21	1.05E-20	NAGK	chr2	+	71291474	71306935	4388
ENSG0000(	167.4229	88.50542	0.90935	0.000256	0.000691	MCEE	chr2	-	71336814	71357369	836
ENSG0000(	14.43281	490.249	-5.067	4.47E-62	1.37E-60	PAIP2B	chr2	-	71409869	71454213	6279
ENSG0000(	219.6087	195.0829	0.17282	0.32544	0.42834	SNRNP27	chr2	+	70120692	70132707	1802
ENSG0000(	620.1279	500.8141	0.30831	0.11141	0.17703	MPHOSPH1	chr2	+	71357444	71377231	2484
ENSG0000(	1.628766	4.539343	-1.3385	0.19884	0.28721	IL17C	chr16	+	88704999	88706881	1044
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-663P	chr4	+	43900474	43901368	390
ENSG0000(	97.72998	421.7979	-2.0992	1.02E-30	1.33E-29	ATP8A1	chr4	-	42410390	42659122	8270
ENSG0000(	5655.294	5446.535	0.054226	0.72467	0.79627	USP22	chr17	-	20902910	20947073	5216
ENSG0000(	1.016461	1.606458	-0.52774	0.72443	0.79609	POF1B	chrX	-	84532402	84634748	3941
ENSG0000(	68.38308	401.9979	-2.5345	1.71E-15	1.15E-14	HIF3A	chr19	+	46800303	46846690	5908
ENSG0000(	106.4148	121.0065	-0.18635	0.36357	0.46784	ZNF576	chr19	+	44100544	44105309	2566
ENSG0000(	247.7631	192.1213	0.36568	0.12858	0.19987	ZNF45	chr19	-	44416781	44439430	3898
ENSG0000(	4.201215	78.26621	-4.0854	3.54E-12	1.94E-11	LYPD3	chr19	-	43964939	43969812	1694
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	PSG8	chr19	-	43256838	43359843	2478
ENSG0000(	6.099745	1.248751	2.0112	0.066517	0.11403	NDP	chrX	-	43808022	43832750	1833
ENSG0000(	2808.967	4821.768	-0.77767	1.00E-05	3.21E-05	USP9X	chrX	+	40944888	41093672	10241

ENSG0000(	86.86479	1.995719	5.2739	1.86E-17	1.39E-16	F13A1	chr6	-	6144318	6321246	3999
ENSG0000(	68.79515	1319.863	-4.2309	3.49E-59	9.92E-58	GRM4	chr6	-	33989628	34123399	3879
ENSG0000(	563.7321	1026.099	-0.86174	2.59E-06	8.90E-06	TRERF1	chr6	-	42192669	42419789	7646
ENSG0000(	31.84998	432.1721	-3.7286	2.16E-29	2.70E-28	PACSIN1	chr6	+	34433916	34503006	4271
ENSG0000(	353.929	190.3568	0.89035	2.85E-07	1.07E-06	BTN2A2	chr6	+	26383324	26395102	3590
ENSG0000(	135.7623	257.0329	-0.92042	1.12E-06	3.99E-06	SIRT5	chr6	+	13574826	13612524	2339
ENSG0000(	1.846289	0.997859	0.74341	0.59516	0.68957	HIST1H4B	chr6	-	26027124	26027480	357
ENSG0000(	275.4034	1478.46	-2.4156	2.99E-30	3.84E-29	MRS2	chr6	+	24403153	24425810	3313
ENSG0000(	1003.99	911.35	0.13954	0.2158	0.30683	WRNIP1	chr6	+	2765648	2787186	3239
ENSG0000(	1163.046	936.549	0.31106	0.2408	0.33567	RRP36	chr6	+	42989383	42997335	1159
ENSG0000(	135.7585	32.5207	2.0506	1.70E-12	9.49E-12	BTN2A3P	chr6	+	26421619	26432611	2559
ENSG0000(	0.943682	1.387121	-0.39048	0.80001	0.85834	BTN1A1	chr6	+	26501449	26510650	2895
ENSG0000(	966.0085	1444.955	-0.57946	0.000109	0.00031	SNRPC	chr6	+	34725183	34741571	1054
ENSG0000(	1085.462	335.4015	1.6931	1.31E-47	2.81E-46	SERPINB6	chr6	-	2948393	2972090	3265
ENSG0000(	1134.738	2377.651	-1.0659	9.54E-20	7.95E-19	XPO5	chr6	-	43490072	43543812	5360
ENSG0000(	760.1698	405.8619	0.90334	3.46E-11	1.77E-10	ABCC10	chr6	+	43395104	43418168	5088
ENSG0000(	0.36308	9.174966	-3.9304	0.002117	0.004991	HIST1H1D	chr6	-	26234440	26235216	777
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	HIST1H4G	chr6	-	26246886	26247259	374
ENSG0000(	930.6044	655.298	0.50365	0.022208	0.043401	PEX6	chr6	-	42931608	42946958	3478
ENSG0000(	306.6183	626.5063	-1.0282	1.10E-12	6.24E-12	NQO2	chr6	+	2988221	3019996	1515
ENSG0000(	132.8337	39.48711	1.7397	1.86E-12	1.04E-11	PRICKLE4	chr6	+	41748087	41757879	3947
ENSG0000(	207.397	489.0692	-1.2354	9.64E-13	5.48E-12	OARD1	chr6	-	41001366	41065526	3330
ENSG0000(	5.092656	90.6185	-4.0203	1.13E-12	6.38E-12	UNC5CL	chr6	-	40994772	41006928	2986
ENSG0000(	658.545	718.4942	-0.12635	0.39988	0.50458	AARS2	chr6	-	44267391	44281063	3854
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	HIST1H1A	chr6	-	26017260	26018040	781
ENSG0000(	55.79321	132.4866	-1.2409	4.16E-05	0.000124	ZNF391	chr6	+	27342394	27371683	4079
ENSG0000(	12.69696	37.1498	-1.5158	0.000979	0.002433	RPS10	chr6	-	34385231	34393902	781
ENSG0000(	166.8768	439.854	-1.3971	4.57E-22	4.22E-21	MOCS1	chr6	-	39867354	39902290	4256
ENSG0000(	16.73208	77.429	-2.1598	3.61E-06	1.22E-05	HIST1H2BJ	chr6	-	27094058	27100541	718
ENSG0000(	359.4518	544.1286	-0.59528	0.000621	0.00159	MED20	chr6	-	41873092	41888877	2602
ENSG0000(	0	7.46894	-4.3746	0.001629	0.003907	OR2B6	chr6	+	27925019	27925960	942
ENSG0000(	336.6764	504.9977	-0.58214	0.000913	0.002278	TBCC	chr6	-	42712219	42714558	2137
ENSG0000(	3.942617	5.00145	-0.30489	0.77721	0.83991	SPDEF	chr6	-	34505579	34524110	1895
ENSG0000(	0.632843	3.813392	-2.0005	0.16832	0.24996	TCP11	chr6	-	35085848	35116387	2166
ENSG0000(	260.9311	371.3182	-0.5057	0.026979	0.051679	MAD2L1BP	chr6	+	43597277	43608689	1517
ENSG0000(	4.108712	4.974728	-0.27553	0.75432	0.82106	HIST1H3B	chr6	-	26031817	26032288	472
ENSG0000(	2.67693	16.42712	-2.4984	0.001533	0.003696	APOBEC2	chr6	+	41021043	41032250	1151
ENSG0000(	2378.26	3524.485	-0.56684	3.90E-09	1.71E-08	KLHDC3	chr6	+	42981951	42989036	1909
ENSG0000(	5.269917	13.57191	-1.3215	0.051164	0.09077	GNMT	chr6	+	42928496	42931618	1072
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	DNAH8	chr6	+	38683117	38998301	14215
ENSG0000(	58.54887	0	7.4351	1.49E-11	7.79E-11	TREM1	chr6	-	41235664	41254457	2048
ENSG0000(	701.1504	658.0985	0.092835	0.46297	0.5681	MEA1	chr6	-	42979832	42981706	1089
ENSG0000(	10.69656	10.40915	0.0385	0.95364	0.97117	KLHL31	chr6	-	53512699	53530506	5743
ENSG0000(	16.4743	124.39	-2.8878	6.64E-17	4.84E-16	COL21A1	chr6	-	55921388	56258892	4339
ENSG0000(	6150.83	774.7756	2.8636	6.15E-05	0.00018	CDKN1A	chr6	+	36644305	36655116	2261
ENSG0000(	6421.262	12309.37	-0.93645	1.91E-07	7.29E-07	SOX4	chr6	+	21593972	21598847	4876
ENSG0000(	2328.134	2353.68	-0.01561	0.8619	0.9035	GLO1	chr6	-	38643701	38670917	2012
ENSG0000(	62.51365	9.107825	2.7232	3.60E-10	1.71E-09	CPNE5	chr6	-	36708552	36807778	3897
ENSG0000(	0	12.00916	-5.1588	4.65E-05	0.000138	KCNK17	chr6	-	39266777	39282329	1706
ENSG0000(	1016.688	1361.559	-0.42059	0.005201	0.011554	RREB1	chr6	+	7107830	7252213	9067
ENSG0000(	4099.022	1366.353	1.5843	9.96E-65	3.23E-63	SSR1	chr6	-	7268539	7347679	9669
ENSG0000(	276.9919	442.4826	-0.67221	0.001664	0.003986	RIOK1	chr6	+	7389729	7418270	2810
ENSG0000(	110.5149	2.993578	5.0952	1.75E-22	1.64E-21	NRN1	chr6	-	5998232	6007200	1624
ENSG0000(	336.2858	138.4387	1.2798	9.29E-16	6.36E-15	SLC35B3	chr6	-	8413301	8435794	2137
ENSG0000(	79.27662	107.7316	-0.43884	0.054664	0.096093	RPP40	chr6	-	4994966	5004297	1483
ENSG0000(	892.1005	137.1116	2.695	2.05E-62	6.34E-61	ATXN1	chr6	-	16299343	16761722	10602
ENSG0000(	1049.519	1683.063	-0.67995	6.77E-06	2.22E-05	NUP153	chr6	-	17615269	17706656	5487
ENSG0000(	2105.777	3854.294	-0.86922	1.12E-05	3.58E-05	DEK	chr6	-	18224099	18265054	3427
ENSG0000(	52.60406	139.5012	-1.399	3.51E-07	1.31E-06	EEF1E1	chr6	-	8073593	8102811	1077
ENSG0000(	610.6636	9.637873	5.9482	5.56E-85	2.54E-83	RUNX2	chr6	+	45295894	45632086	5698
ENSG0000(	0.290301	0	0.4146	0.81455	NA	OPN5	chr6	+	47749718	47800516	3500
ENSG0000(	1.701545	1.623443	0.036451	0.97807	0.98782	GCM2	chr6	-	10873456	10882174	2441
ENSG0000(	1716.833	1491.799	0.2026	0.059364	0.10353	LRRFIP1	chr2	+	2.39E+08	2.39E+08	4370
ENSG0000(	0.705622	1.012429	-0.38881	0.80945	NA	AC105760.	chr2	-	2.38E+08	2.38E+08	2231
ENSG0000(	3.309773	226.4626	-5.979	2.27E-33	3.29E-32	RAB17	chr2	-	2.38E+08	2.39E+08	3211

ENSG0000(	6.805366	55.83494	-2.9708	6.73E-10	3.15E-09	CXCL6	chr4	+	74702214	74714781	1718
ENSG0000(	85.78973	0.357707	7.1073	2.14E-12	1.19E-11	EREG	chr4	+	75230860	75254468	4619
ENSG0000(	1.317927	0.357707	1.2439	0.46333	NA	RP11-467L	chr11	-	61513965	61525127	2466
ENSG0000(	194.3473	150.9134	0.36208	0.21942	0.31116	MYRF	chr11	+	61520114	61555990	5927
ENSG0000(	29024.04	929.8046	4.9522	1.25E-174	2.01E-172	AHNAK	chr11	-	62201016	62323707	18787
ENSG0000(	452.9775	392.8419	0.20634	0.13705	0.21038	EMC3	chr3	-	10004221	10052800	2777
ENSG0000(	5.623624	4.008423	0.45696	0.61623	0.70766	SSUH2	chr3	-	8661086	8786726	3219
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	WNT1	chr12	+	49372398	49375459	1185
ENSG0000(	678.5579	5.21105	6.9233	2.40E-74	9.30E-73	SH3TC1	chr4	+	8183799	8242830	5829
ENSG0000(	3256.727	5432.593	-0.73758	9.62E-12	5.11E-11	CNOT1	chr16	-	58553855	58663790	8471
ENSG0000(	14.04659	4.426823	1.6168	0.023275	0.045269	LRRC29	chr16	-	67241042	67260951	1940
ENSG0000(	626.241	317.8175	0.97454	9.24E-06	2.98E-05	BBS2	chr16	-	56500748	56554195	6073
ENSG0000(	0.975385	271.0912	-7.6744	2.70E-24	2.75E-23	MT1G	chr16	-	56700643	56701977	628
ENSG0000(	1944.976	282.8635	2.7793	1.30E-74	5.07E-73	MT2A	chr16	+	56642111	56643409	903
ENSG0000(	247.4499	238.9481	0.054061	0.75752	0.8237	C16orf70	chr16	+	67143861	67182442	2865
ENSG0000(	1352.091	2617.525	-0.95134	6.93E-13	3.98E-12	GOT2	chr16	-	58741035	58768261	2462
ENSG0000(	729.6446	492.2195	0.56675	4.19E-06	1.40E-05	DOK4	chr16	-	57505863	57521239	2822
ENSG0000(	1.649304	7.097537	-1.935	0.05057	0.089826	GPR18	chr13	-	99906968	99913998	1698
ENSG0000(	19.77111	94.49103	-2.2299	5.67E-08	2.26E-07	CLYBL	chr13	+	1E+08	1.01E+08	5667
ENSG0000(	1223.203	869.6445	0.49052	0.006339	0.013835	TMTC4	chr13	-	1.01E+08	1.01E+08	3602
ENSG0000(	924.3674	676.5677	0.44975	1.88E-05	5.84E-05	RAP2A	chr13	+	98086476	98121382	5487
ENSG0000(	294.9536	146.7007	1.0067	1.67E-09	7.57E-09	ABCC4	chr13	-	95672083	95953687	5837
ENSG0000(	882.509	850.8743	0.053106	0.81964	0.87326	EFNB2	chr13	-	1.07E+08	1.07E+08	4461
ENSG0000(	0.995923	310.8662	-7.8298	7.50E-24	7.48E-23	SOX21	chr13	-	95361886	95364389	2504
ENSG0000(	2801.881	1763.817	0.66711	1.30E-08	5.45E-08	TM9SF2	chr13	+	1E+08	1E+08	3430
ENSG0000(	219.1974	374.0356	-0.77215	8.72E-07	3.13E-06	C17orf53	chr17	+	42219274	42239844	2725
ENSG0000(	0.342542	28.28408	-5.5701	5.03E-07	1.85E-06	KIF25	chr6	+	1.68E+08	1.68E+08	1613
ENSG0000(	168.1714	49.13151	1.7604	1.64E-07	6.29E-07	IRF1	chr5	-	1.32E+08	1.32E+08	5153
ENSG0000(	297.9749	708.2167	-1.2452	3.97E-11	2.03E-10	UPF3B	chrX	-	1.19E+08	1.19E+08	2378
ENSG0000(	109.7555	173.8803	-0.65979	0.007524	0.016176	RNF113A	chrX	-	1.19E+08	1.19E+08	1295
ENSG0000(	3249.9	1131.516	1.5206	7.08E-35	1.07E-33	6-Sep	chrX	-	1.19E+08	1.19E+08	4694
ENSG0000(	1.390706	0.997859	0.36103	0.80506	0.8622	TMEM255A	chrX	-	1.19E+08	1.19E+08	3425
ENSG0000(	713.3081	571.9276	0.31878	0.020879	0.041015	NDUFA1	chrX	+	1.19E+08	1.19E+08	766
ENSG0000(	1.814586	0	2.063	0.23747	NA	AMELX	chrX	+	11311533	11318881	835
ENSG0000(	78.96839	119.4883	-0.59602	0.012622	0.025983	ATP5S	chr14	+	50779044	50802276	2008
ENSG0000(	691.5034	196.9752	1.7932	8.25E-07	2.97E-06	BMP4	chr14	-	54416454	54425479	1917
ENSG0000(	2.604151	11.75739	-2.031	0.016634	0.033382	PTGER2	chr14	+	52781023	52795324	2383
ENSG0000(	788.6878	571.0339	0.46601	3.86E-05	0.000116	FAM193A	chr4	+	2626988	2734292	4846
ENSG0000(	170.3622	47.61319	1.8315	3.72E-15	2.46E-14	GRK4	chr4	+	2965335	3042474	2202
ENSG0000(	1900.638	196.0619	3.2715	1.77E-97	9.76E-96	SOX9	chr17	+	70117161	70122561	3935
ENSG0000(	4.979616	12.92605	-1.3334	0.041002	0.074946	TEKT3	chr17	-	15207128	15244958	1820
ENSG0000(	0	5.750835	-4.0924	0.00284	0.006573	MYH2	chr17	-	10424465	10453274	6339
ENSG0000(	1121.618	276.8807	2.0161	5.54E-39	9.50E-38	HS3ST3B1	chr17	+	14204400	14252721	5367
ENSG0000(	50.3863	52.99424	-0.06903	0.82145	0.87444	SLC25A35	chr17	-	8191081	8198661	2785
ENSG0000(	554.8209	962.6112	-0.7918	0.000183	0.000505	MRPS7	chr17	+	73257755	73262454	1717
ENSG0000(	769.6396	1133.158	-0.55681	3.83E-07	1.42E-06	GGA3	chr17	-	73232694	73258444	5142
ENSG0000(	139.1646	200.3043	-0.52459	0.003292	0.007545	ARMC7	chr17	+	73106047	73126360	2126
ENSG0000(	788.5215	1011.444	-0.35784	0.032351	0.060705	NUP85	chr17	+	73201754	73231853	2233
ENSG0000(	57.55295	123.954	-1.0997	2.23E-06	7.70E-06	SLC25A19	chr17	-	73269073	73285591	2331
ENSG0000(	84.47539	282.0314	-1.7325	3.21E-12	1.76E-11	MIF4GD	chr17	-	73262309	73267308	1531
ENSG0000(	372.3511	641.8839	-0.78452	1.60E-09	7.25E-09	NT5C	chr17	-	73126320	73127890	1315
ENSG0000(	434.3482	248.3009	0.80568	0.000121	0.000342	MSTO1	chr1	+	1.56E+08	1.56E+08	2490
ENSG0000(	0.870904	25.70561	-4.3978	7.84E-07	2.83E-06	C1orf61	chr1	-	1.56E+08	1.56E+08	2697
ENSG0000(	383.3516	651.3567	-0.76294	0.000137	0.000385	TTF1	chr9	-	1.35E+08	1.35E+08	3052
ENSG0000(	992.3833	1580.175	-0.66963	3.32E-06	1.12E-05	GTF3C4	chr9	+	1.36E+08	1.36E+08	9043
ENSG0000(	282.5634	498.4102	-0.81563	1.59E-08	6.63E-08	DDX31	chr9	-	1.35E+08	1.36E+08	4577
ENSG0000(	1.503747	0.357707	1.4084	0.40178	NA	BARHL1	chr9	+	1.35E+08	1.35E+08	2341
ENSG0000(	1781.006	1269.456	0.48777	1.40E-05	4.40E-05	PPP1R12C	chr19	-	55602281	55628927	4141
ENSG0000(	2956.065	2261.515	0.38598	0.000113	0.000321	MBOAT7	chr19	-	54677107	54693733	3039
ENSG0000(	0.580602	3.91376	-2.1652	0.11376	0.18035	SRMS	chr20	-	62172163	62178857	1516
ENSG0000(	190.6992	74.91418	1.3283	0.000901	0.002252	OPRL1	chr20	+	62711526	62731996	3369
ENSG0000(	0	3.365854	-3.2554	0.030524	0.057611	LINC00029	chr20	-	61665569	61668380	1631
ENSG0000(	1957.821	711.2245	1.4559	1.66E-13	9.91E-13	SLC2A4RG	chr20	+	62369623	62374858	1731
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	NPBWR2	chr20	-	62737173	62738524	1352
ENSG0000(	14.5355	31.89437	-1.1239	0.030156	0.05702	C20orf195	chr20	+	62184373	62188061	1137

ENSG0000(	0.923144	24.38488	-4.3092	1.64E-06	5.75E-06	BHLHE23	chr20	-	61637331	61638387	1057
ENSG0000(	1949.713	1218.57	0.67656	3.40E-05	0.000102	PPDPF	chr20	+	62152077	62153559	868
ENSG0000(	1.048164	2.010288	-0.7922	0.56301	0.66107	IL1B	chr2	-	1.14E+08	1.14E+08	1631
ENSG0000(	2.645227	0	2.909	0.060584	0.10527	PLGLB2	chr2	+	88047606	88058312	2077
ENSG0000(	0.975385	1.531196	-0.50931	0.73826	0.80696	IL37	chr2	+	1.14E+08	1.14E+08	772
ENSG0000(	261.3355	301.678	-0.20396	0.23225	0.32568	CHCHD5	chr2	+	1.13E+08	1.13E+08	3272
ENSG0000(	189.2512	42.17643	2.1527	8.96E-17	6.47E-16	PAX8	chr2	-	1.14E+08	1.14E+08	4084
ENSG0000(	205.712	117.1946	0.81153	0.000907	0.002265	INSIG2	chr2	+	1.19E+08	1.19E+08	3185
ENSG0000(	303.3995	709.544	-1.2218	2.66E-12	1.47E-11	POLR1B	chr2	+	1.13E+08	1.13E+08	4558
ENSG0000(	1.991846	1.058552	0.78204	0.56251	0.66083	HTR5BP	chr2	+	1.19E+08	1.19E+08	1193
ENSG0000(	810.8669	371.3104	1.1222	3.46E-07	1.29E-06	CCDC93	chr2	-	1.19E+08	1.19E+08	6899
ENSG0000(	194.1092	33.5291	2.5185	7.13E-25	7.41E-24	PSD4	chr2	+	1.14E+08	1.14E+08	5600
ENSG0000(	1585.37	1240.362	0.35324	0.000367	0.000969	SLC25A23	chr19	-	6436090	6465214	3425
ENSG0000(	83.45909	67.6919	0.29815	0.26291	0.36108	PSPN	chr19	-	6375159	6379069	3911
ENSG0000(	2370.652	1945.052	0.28561	0.003017	0.00695	GTF2F1	chr19	-	6379580	6393992	2731
ENSG0000(	831.0303	1084.394	-0.38309	0.047575	0.085219	ALKBH7	chr19	+	6372444	6375042	1110
ENSG0000(	1156.032	954.007	0.27697	0.01557	0.031426	CLPP	chr19	+	6361463	6368919	1346
ENSG0000(	215.3833	16.04913	3.7138	1.82E-40	3.24E-39	TNFSF9	chr19	+	6531010	6535931	1657
ENSG0000(	128.1249	22.77755	2.4812	6.95E-16	4.78E-15	GRIA3	chrX	+	1.22E+08	1.23E+08	5172
ENSG0000(	1180.788	873.6233	0.4336	0.054269	0.095494	THOC2	chrX	-	1.23E+08	1.23E+08	5609
ENSG0000(	1531.179	1137.38	0.42839	0.001491	0.003603	MED1	chr17	-	37560538	37607539	5844
ENSG0000(	7678.812	11682.45	-0.60484	2.00E-09	8.96E-09	RPL23	chr17	-	37004118	37010096	3081
ENSG0000(	129.9351	213.7492	-0.71707	3.84E-05	0.000115	ATG4C	chr1	+	63249806	63331184	2938
ENSG0000(	153.022	4.700404	4.8807	3.13E-27	3.59E-26	CD70	chr19	-	6583194	6604114	913
ENSG0000(	1.317927	121.6083	-6.1173	2.84E-13	1.67E-12	C3	chr19	-	6677715	6730573	5263
ENSG0000(	9.387188	413.3658	-5.3989	1.21E-67	4.18E-66	SH2D3A	chr19	-	6752171	6767599	3493
ENSG0000(	831.8442	1378.788	-0.72706	0.00016	0.000443	TRIP10	chr19	+	6737936	6751537	2249
ENSG0000(	498.0846	659.6517	-0.40463	0.022749	0.044321	GPR108	chr19	-	6729925	6737614	2057
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	TNFSF14	chr19	-	6663148	6670599	2786
ENSG0000(	13.51644	15.69787	-0.20771	0.68918	0.76837	FOSB	chr19	+	45971253	45978437	3775
ENSG0000(	743.7098	627.6702	0.2437	0.05285	0.09332	OPA3	chr19	-	46030685	46105470	7828
ENSG0000(	2224.934	3071.769	-0.46475	1.96E-06	6.81E-06	SNRPD2	chr19	-	46190712	46195827	901
ENSG0000(	72.69473	309.9069	-2.076	5.35E-14	3.28E-13	RTN2	chr19	-	45988547	46000319	2357
ENSG0000(	343.7332	385.319	-0.16373	0.65166	0.73711	EML2	chr19	-	46110252	46148887	2791
ENSG0000(	1705.533	1934.456	-0.18144	0.078832	0.13186	VASP	chr19	+	46009837	46030241	2305
ENSG0000(	2469.319	2438.998	0.017753	0.86735	0.90758	SYMPK	chr19	-	46318668	46366548	6537
ENSG0000(	318.553	196.2983	0.69569	4.51E-05	0.000134	GPCPD1	chr20	-	5525085	5591672	6649
ENSG0000(	12.84171	33.06457	-1.3302	0.003455	0.007892	SDCBP2	chr20	-	1290619	1309883	1519
ENSG0000(	856.9899	961.1947	-0.16518	0.19095	0.27776	PANK2	chr20	+	3869486	3907605	4815
ENSG0000(	0	1.966581	-2.1968	0.20389	0.29293	TGM3	chr20	+	2276647	2321724	2642
ENSG0000(	2.302685	4.755391	-0.93756	0.37292	0.47728	GNRH2	chr20	+	3024268	3026393	758
ENSG0000(	0	107.6639	-7.1847	NA	NA	FOXA2	chr20	-	22561643	22566093	2422
ENSG0000(	0.685084	4.164651	-2.0284	0.1698	0.25177	FAM182A	chr20	+	26035291	26073683	5070
ENSG0000(	7.023703	0	4.4076	0.000848	0.00213	CD93	chr20	-	23059986	23066977	6708
ENSG0000(	360.6429	289.5459	0.31541	0.10067	0.16241	GZF1	chr20	+	23342787	23353700	4835
ENSG0000(	109.3667	195.4066	-0.83818	1.65E-05	5.17E-05	NAPB	chr20	-	23355159	23402125	3837
ENSG0000(	0	2.027273	-2.4385	0.13903	0.2127	NKX2-4	chr20	-	21376005	21378666	2238
ENSG0000(	2620.83	1608.714	0.70265	1.16E-06	4.10E-06	CENPB	chr20	-	3764498	3767337	2840
ENSG0000(	1616.03	1204.596	0.42389	0.002467	0.005756	PSMF1	chr20	+	1093906	1149022	4290
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	NKX2-2	chr20	-	21491648	21494664	2092
ENSG0000(	674.868	1195.014	-0.82359	2.21E-09	9.89E-09	DTD1	chr20	+	18568537	18744561	2384
ENSG0000(	1498.07	863.8979	0.79329	1.98E-10	9.62E-10	RBCK1	chr20	+	388142	411610	2774
ENSG0000(	827.7553	168.6301	2.2909	5.28E-41	9.53E-40	TMX4	chr20	-	7957995	8000476	6169
ENSG0000(	1156.026	1838.878	-0.66841	1.05E-05	3.36E-05	STK35	chr20	+	2082257	2157684	6685
ENSG0000(	2164.016	4069.919	-0.91017	1.46E-16	1.04E-15	SNRPB	chr20	-	2442280	2451499	1450
ENSG0000(	1261.186	362.5729	1.7964	6.87E-57	1.86E-55	NRSN2	chr20	+	327527	335512	2088
ENSG0000(	329.8695	66.3507	2.2997	1.44E-15	9.74E-15	AP5S1	chr20	+	3801178	3805949	1848
ENSG0000(	13775.6	4697.004	1.5502	1.92E-35	2.96E-34	RRBP1	chr20	-	17594323	17662940	5041
ENSG0000(	211.5888	130.9439	0.64787	0.46054	0.56587	BMP2	chr20	+	6748311	6760927	3601
ENSG0000(	304.2071	327.8739	-0.10791	0.67549	0.75698	ZNF133	chr20	+	18269121	18297640	4060
ENSG0000(	99.53877	9.900044	3.2704	8.30E-10	3.86E-09	FLRT3	chr20	-	14303634	14318262	4776
ENSG0000(	0.342542	258.6183	-8.587	7.81E-19	6.21E-18	OVOL2	chr20	-	17937623	18039832	1555
ENSG0000(	0.923144	6.29874	-2.4135	0.027748	0.052991	PCSK2	chr20	+	17206752	17465223	4740
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	GFRA4	chr20	-	3639939	3644046	1427
ENSG0000(	394.0883	642.4271	-0.70422	1.60E-07	6.14E-07	MKKS	chr20	-	10385832	10414870	2663

ENSG0000(	127.0596	73.99621	0.77765	0.000271	0.000731	BFSP1	chr20	-	17474550	17549865	2207
ENSG0000(	3713.837	1885.487	0.97693	1.71E-18	1.34E-17	DSTN	chr20	+	17550508	17588887	1940
ENSG0000(	3.910914	19.11065	-2.1895	0.001879	0.004463	LAMP5	chr20	+	9495008	9511171	2039
ENSG0000(	868.5652	995.8143	-0.19625	0.30563	0.40717	SNRPB2	chr20	+	16710606	16722421	1665
ENSG0000(	477.1258	823.5411	-0.78622	2.61E-07	9.83E-07	MGME1	chr20	+	17949556	17971765	2336
ENSG0000(	17.44708	13.08624	0.40716	0.54679	0.64697	LRRN4	chr20	-	6021424	6034695	2692
ENSG0000(	1431.26	378.2991	1.9178	1.52E-57	4.17E-56	TBC1D20	chr20	-	416124	443197	5195
ENSG0000(	853.1988	1048.837	-0.297	0.03939	0.072421	ITPA	chr20	+	3189514	3204516	1185
ENSG0000(	0.342542	84.67591	-7.0579	8.70E-12	4.64E-11	TCF15	chr20	-	584441	591042	1555
ENSG0000(	469.9539	511.642	-0.12187	0.45171	0.55724	MCM8	chr20	+	5931298	5975852	3715
ENSG0000(	2.520208	83.31546	-4.8174	6.62E-13	3.81E-12	TMEM74B	chr20	-	1161205	1166059	1730
ENSG0000(	70.43638	164.2173	-1.2158	1.24E-05	3.93E-05	FAM110A	chr20	+	814358	826922	1856
ENSG0000(	565.5326	1251.215	-1.1435	1.37E-22	1.29E-21	MRPS26	chr20	+	3026591	3028900	1127
ENSG0000(	0.705622	1.888903	-1.1726	0.41692	0.52203	S1PR4	chr19	+	3172344	3180329	1594
ENSG0000(	3174.754	2999.288	0.081942	0.65131	0.73678	NCLN	chr19	+	3185561	3209573	4005
ENSG0000(	14.2743	12.24789	0.2002	0.72186	0.79426	CITED1	chrX	-	71521488	71527037	1231
ENSG0000(	3466.553	2959.156	0.22774	0.24348	0.33895	HNRNPR	chr1	-	23630264	23670829	7646
ENSG0000(	338.4334	17.57221	4.2491	9.85E-62	2.97E-60	ZNF436	chr1	-	23685941	23695935	4071
ENSG0000(	505.0247	294.4746	0.77706	1.88E-07	7.17E-07	MAX	chr14	-	65472892	65569413	3155
ENSG0000(	237.2152	212.5126	0.15922	0.34577	0.44987	ARMCX5	chrX	+	1.02E+08	1.02E+08	4640
ENSG0000(	8.059888	1.370136	2.3515	0.021472	0.042068	GDF5	chr20	-	34021145	34042568	2572
ENSG0000(	45.97433	449.7985	-3.2719	1.28E-48	2.83E-47	MMP24	chr20	+	33814457	33864801	4412
ENSG0000(	316.5556	264.5402	0.25705	0.27708	0.37734	NECAB3	chr20	-	32244893	32262269	2142
ENSG0000(	464.4754	1655.103	-1.8225	2.10E-11	1.09E-10	ID1	chr20	+	30193086	30194318	1222
ENSG0000(	4018.007	4903.889	-0.28724	0.014516	0.029491	RALY	chr20	+	32581452	32696114	1817
ENSG0000(	1533.714	908.8607	0.75483	7.76E-10	3.62E-09	DYNLRB1	chr20	+	33104214	33128762	1464
ENSG0000(	2252.497	3627.602	-0.6864	1.06E-08	4.49E-08	EIF2S2	chr20	-	32676104	32700138	2656
ENSG0000(	2946.731	2023.903	0.54181	1.16E-07	4.51E-07	ERGIC3	chr20	+	34129770	34145405	2848
ENSG0000(	781.7267	851.5085	-0.1233	0.32034	0.42316	ROMO1	chr20	+	34287194	34288906	498
ENSG0000(	0.653381	1.623443	-0.98662	0.5217	0.62424	BPIFB9P	chr20	+	31935526	31942250	1178
ENSG0000(	0.580602	0	0.8036	0.6494	NA	FAM83C	chr20	-	33873534	33880204	3145
ENSG0000(	0.36308	0	0.4146	0.81455	NA	BPIFB1	chr20	+	31861286	31897684	1933
ENSG0000(	836.8331	1063.117	-0.34432	0.10072	0.16247	CEP250	chr20	+	34042985	34099804	8398
ENSG0000(	617.2144	835.7306	-0.43628	0.000317	0.000846	PLAGL2	chr20	-	30780306	30795594	5705
ENSG0000(	324.769	147.9828	1.1328	6.28E-12	3.37E-11	MMP24-AS	chr20	-	33804634	33865934	1515
ENSG0000(	8.829729	58.59609	-2.7078	2.37E-09	1.06E-08	GRPR	chrX	+	16141679	16171144	1929
ENSG0000(	3437.151	3437.317	2.22E-05	0.99983	0.99987	KDM5C	chrX	-	53220503	53254604	6096
ENSG0000(	875.483	115.742	2.917	1.87E-74	7.26E-73	AMOT	chrX	-	1.12E+08	1.12E+08	6945
ENSG0000(	614.3642	449.6635	0.44985	0.000162	0.000448	TMEM115	chr3	-	50392180	50397041	2197
ENSG0000(	2233.232	2117.643	0.076902	0.56895	0.66622	PSMB2	chr1	-	36067185	36107445	2701
ENSG0000(	328.3347	226.1996	0.53607	0.002907	0.006713	AGO3	chr1	+	36396319	36522063	3649
ENSG0000(	1143.47	1224.198	-0.09741	0.47693	0.58143	UROD	chr1	+	45477819	45481247	1848
ENSG0000(	448.0703	65.92674	2.7581	6.76E-39	1.16E-37	ST3GAL3	chr1	+	44171495	44396831	2449
ENSG0000(	185.2497	94.14118	0.97592	1.78E-06	6.21E-06	TMEM53	chr1	-	45100910	45140227	2310
ENSG0000(	830.7453	1056.066	-0.34576	0.001495	0.00361	HECTD3	chr1	-	45468212	45477001	3610
ENSG0000(	604.9003	404.7114	0.57717	3.71E-05	0.000111	KLC1	chr14	+	1.04E+08	1.04E+08	3250
ENSG0000(	794.1487	1167.214	-0.55499	1.06E-07	4.14E-07	XRCC3	chr14	-	1.04E+08	1.04E+08	3668
ENSG0000(	550.0299	487.1772	0.17584	0.16322	0.24373	TUBGCP3	chr13	-	1.13E+08	1.13E+08	3893
ENSG0000(	212.636	549.9744	-1.3679	1.27E-13	7.61E-13	MCF2L	chr13	+	1.14E+08	1.14E+08	6580
ENSG0000(	4.523219	10.44237	-1.1442	0.15641	0.23533	F10	chr13	+	1.14E+08	1.14E+08	1517
ENSG0000(	520.5341	682.7446	-0.39075	0.003999	0.009034	PCID2	chr13	-	1.14E+08	1.14E+08	4202
ENSG0000(	2.956066	12.01157	-1.9224	0.014741	0.0299	PROZ	chr13	+	1.14E+08	1.14E+08	1551
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	SLURP1	chr8	-	1.44E+08	1.44E+08	537
ENSG0000(	581.8049	444.4781	0.38653	0.039706	0.072903	LRFN3	chr19	+	36426260	36436669	3689
ENSG0000(	0.705622	1.935026	-1.2095	0.39407	0.49851	IGFLR1	chr19	-	36230058	36233354	1195
ENSG0000(	5270.082	2185.559	1.2693	1.80E-39	3.13E-38	CAPNS1	chr19	+	36630477	36641255	1918
ENSG0000(	21.9412	90.55519	-2.0248	8.57E-11	4.26E-10	PDCD2L	chr19	+	34895289	34917287	1386
ENSG0000(	2016.888	2071.36	-0.03818	0.70791	0.78293	RBM42	chr19	+	36119932	36128588	1680
ENSG0000(	0.632843	101.5805	-6.7273	2.51E-14	1.58E-13	KIRREL2	chr19	+	36346763	36358048	2942
ENSG0000(	1568.914	2741.357	-0.80397	9.72E-11	4.81E-10	UBA2	chr19	+	34919264	34960853	2802
ENSG0000(	0.580602	0	0.8036	0.6494	NA	FFAR2	chr19	+	35934809	35942667	2131
ENSG0000(	1.576526	9.238074	-2.3054	0.01662	0.033356	HCST	chr19	+	36393382	36395279	613
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	FFAR1	chr19	+	35842445	35843367	923
ENSG0000(	1859.267	2170.368	-0.22258	0.045317	0.081593	COX6B1	chr19	+	36139125	36149763	667
ENSG0000(	685.7661	427.3312	0.68138	4.51E-06	1.51E-05	THRA	chr17	+	38214543	38250120	4895

ENSG0000(	0	4.974728	-3.8898	0.005251	0.011651	CCR7	chr17	-	38710021	38721724	2173
ENSG0000(	101.9525	130.1979	-0.35144	0.20447	0.29359	NR1D1	chr17	-	38249040	38256978	2772
ENSG0000(	1242.587	490.671	1.3364	7.76E-16	5.32E-15	FRMD8	chr11	+	65154070	65180996	3723
ENSG0000(	5543.979	3295.474	0.74967	1.52E-10	7.45E-10	PRDX5	chr11	+	64085560	64089283	893
ENSG0000(	661.9208	1500.548	-1.1799	2.33E-24	2.38E-23	BCL2L12	chr19	+	50168823	50177173	1431
ENSG0000(	1261.013	1407.453	-0.15849	0.12249	0.19217	IRF3	chr19	-	50162826	50169132	2874
ENSG0000(	3936.634	8652.762	-1.1352	8.80E-33	1.25E-31	PRMT1	chr19	+	50179043	50192286	1686
ENSG0000(	1012.118	250.49	2.0038	3.03E-15	2.02E-14	RRAS	chr19	-	50138549	50143458	1044
ENSG0000(	5.011318	51.22678	-3.2987	1.42E-10	6.96E-10	PRRG2	chr19	+	50083903	50094272	1583
ENSG0000(	3972.989	4183.741	-0.07449	0.59251	0.68735	SCAF1	chr19	+	50145382	50161899	4306
ENSG0000(	1979.756	3244.444	-0.7117	3.95E-08	1.60E-07	PRR12	chr19	+	50094900	50129696	6955
ENSG0000(	0.290301	24.8341	-5.3808	2.58E-06	8.86E-06	TSKS	chr19	-	50243010	50266587	1883
ENSG0000(	4.709852	28.72684	-2.5314	0.000173	0.000479	FLRT1	chr11	+	63870660	63886645	3949
ENSG0000(	223.9366	186.5676	0.26374	0.13096	0.20289	ASL	chr7	+	65540785	65558545	2143
ENSG0000(	393.0081	220.8278	0.83081	1.17E-05	3.71E-05	SBDS	chr7	-	66452664	66460588	1631
ENSG0000(	0.290301	0	0.4146	0.81455	NA	HTN1	chr4	+	70916119	70924562	3723
ENSG0000(	206.9356	226.3788	-0.12902	0.69405	0.77183	STAT5A	chr17	+	40439565	40463961	4301
ENSG0000(	258.0162	38.29919	2.7174	2.61E-16	1.83E-15	WNK4	chr17	+	40932696	40948954	4001
ENSG0000(	693.3098	438.6624	0.65995	8.11E-07	2.92E-06	BECN1	chr17	-	40962152	40985367	2504
ENSG0000(	1.068702	389.5615	-8.2006	8.19E-30	1.04E-28	PRKCG	chr19	+	54382444	54410906	3133
ENSG0000(	412.4349	1298.629	-1.6511	2.87E-26	3.15E-25	TRAP1	chr16	-	3701640	3767598	2309
ENSG0000(	928.3354	561.6625	0.722	0.000657	0.001675	GLIS2	chr16	+	4364762	4389598	4469
ENSG0000(	538.4208	477.1784	0.17395	0.47322	0.57787	NSRP1	chr17	+	28442539	28513493	2541
ENSG0000(	1611.832	1634.826	-0.02011	0.87076	0.90978	DNAJC8	chr1	-	28525967	28559536	1600
ENSG0000(	1668.381	1001.942	0.73212	0.002227	0.005226	AHDC1	chr1	-	27860546	27930942	6438
ENSG0000(	217.5592	20.44353	3.3912	1.76E-25	1.87E-24	IFI6	chr1	-	27992572	27998729	841
ENSG0000(	0	34.88466	-6.7301	2.31E-09	1.03E-08	DACH2	chrX	+	85403462	86087607	5582
ENSG0000(	750.3465	773.3291	-0.04338	0.73365	0.80325	ZNF384	chr12	-	6775643	6798738	3286
ENSG0000(	20.23965	50.85679	-1.3063	0.00142	0.00344	EMG1	chr12	+	7079944	7085781	1575
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	SSX1	chrX	+	48114752	48126879	1298
ENSG0000(	240.97	162.7353	0.56565	0.000902	0.002254	UXT	chrX	-	47511197	47518560	894
ENSG0000(	9.450594	18.62834	-0.94723	0.084515	0.14009	CFP	chrX	-	47483612	47489704	4040
ENSG0000(	1157.305	882.6518	0.38998	0.001189	0.002916	ELK1	chrX	-	47494920	47510003	2695
ENSG0000(	764.2729	1143.533	-0.58007	3.06E-05	9.26E-05	TIMM17B	chrX	-	48750730	48755426	1528
ENSG0000(	1034.78	428.8195	1.2686	6.67E-23	6.41E-22	PCNXL4	chr14	+	60558629	60635851	4666
ENSG0000(	353.6911	401.5446	-0.18178	0.45987	0.56514	ATG14	chr14	-	55833110	55878576	4742
ENSG0000(	3889.83	2413.779	0.68568	0.00355	0.008092	KTN1	chr14	+	56025790	56168244	6241
ENSG0000(	2228.184	9.182214	7.9	1.56E-149	1.78E-147	SIX1	chr14	-	61110132	61124977	3997
ENSG0000(	1518.798	0	11.725	4.33E-28	5.13E-27	RHOJ	chr14	+	63670832	63759937	3302
ENSG0000(	978.521	2100.989	-1.0999	1.18E-11	6.23E-11	DLGAP5	chr14	-	55614830	55658396	2973
ENSG0000(	460.3714	82.42098	2.4713	4.18E-38	6.99E-37	L3HYPDH	chr14	-	59927081	59951148	1527
ENSG0000(	91.78842	855.755	-3.1933	2.58E-21	2.31E-20	HSPA2	chr14	+	65002623	65009955	2767
ENSG0000(	609.6858	405.0804	0.5874	0.014339	0.029176	ZBTB1	chr14	+	64970430	65000408	4119
ENSG0000(	255.7743	412.2779	-0.6863	8.58E-07	3.08E-06	TRMT5	chr14	-	61438169	61448076	5573
ENSG0000(	404.627	184.3592	1.1281	2.47E-07	9.31E-07	SGPP1	chr14	-	64150932	64194757	3312
ENSG0000(	625.7357	1541.323	-1.2984	1.88E-24	1.93E-23	PLEKHG3	chr14	+	65170820	65213610	6989
ENSG0000(	0	6.030864	-4.1385	0.002689	0.006248	PZP	chr12	-	9301436	9360966	4610
ENSG0000(	0.72616	1.98115	-1.1614	0.43559	0.54105	PRDM7	chr16	-	90122974	90158480	2937
ENSG0000(	352.8662	459.4909	-0.37873	0.045157	0.081335	RHOT1	chr17	+	30469473	30580393	3297
ENSG0000(	5.685237	2.24661	1.2123	0.20134	0.2901	EVI2A	chr17	-	29644578	29648902	1860
ENSG0000(	10.52011	3.541484	1.4638	0.063367	0.10941	OMG	chr17	-	29599031	29624557	2965
ENSG0000(	518.2222	461.6253	0.16579	0.39183	0.49626	WDR60	chr7	+	1.59E+08	1.59E+08	5410
ENSG0000(	16.07772	2912.145	-7.4559	1.63E-172	2.55E-170	AIF1L	chr9	+	1.34E+08	1.34E+08	3515
ENSG0000(	45.76618	107.7878	-1.22	0.002746	0.006371	FAM78A	chr9	-	1.34E+08	1.34E+08	4560
ENSG0000(	1288.75	1088.42	0.24354	0.06632	0.11377	NUP214	chr9	+	1.34E+08	1.34E+08	7600
ENSG0000(	0	7.656723	-4.5386	0.00052	0.001345	AVPR2	chrX	+	1.53E+08	1.53E+08	1763
ENSG0000(	541.3371	253.1458	1.093	3.05E-13	1.79E-12	SLC10A3	chrX	-	1.54E+08	1.54E+08	2127
ENSG0000(	3717.695	3355.78	0.14752	0.2093	0.29925	MAP2K2	chr19	-	4090319	4124126	2926
ENSG0000(	1031.256	935.4062	0.14087	0.43968	0.54544	HNRNPH2	chrX	+	1.01E+08	1.01E+08	2223
ENSG0000(	507.4019	458.1513	0.14718	0.26569	0.36443	ARMCX1	chrX	+	1.01E+08	1.01E+08	2141
ENSG0000(	343.1888	90.52525	1.918	5.93E-19	4.74E-18	TMEM35	chrX	+	1E+08	1E+08	2195
ENSG0000(	152.4621	259.198	-0.7599	0.000803	0.002022	TIMM8A	chrX	-	1.01E+08	1.01E+08	1664
ENSG0000(	261.286	460.284	-0.81247	7.24E-06	2.36E-05	ZC4H2	chrX	-	64136250	64254593	4147
ENSG0000(	10926.86	7394.285	0.56253	9.57E-05	0.000273	CANX	chr5	+	1.79E+08	1.79E+08	4260
ENSG0000(	2000.916	2139.058	-0.09613	0.37114	0.47552	CPSF3L	chr1	-	1246965	1260071	3079

ENSG0000(	0.36308	0	0.4146	0.81455	NA	RGS13	chr1	+	1.93E+08	1.93E+08	5119
ENSG0000(	72.27265	88.51898	-0.28704	0.2495	0.34585	IPPK	chr9	-	95375466	95432547	4401
ENSG0000(	80.8454	97.65435	-0.27045	0.29963	0.40126	ZNF484	chr9	-	95607874	95640304	3180
ENSG0000(	25.70476	1.949596	3.5425	9.44E-07	3.38E-06	OMD	chr9	-	95176527	95186743	2449
ENSG0000(	1.265686	42.02349	-4.7385	1.52E-09	6.91E-09	FGD3	chr9	+	95709733	95798518	4697
ENSG0000(	1350.28	12.36357	6.7468	6.04E-143	6.26E-141	HIVEP3	chr1	-	41972036	42501596	12319
ENSG0000(	463.6443	441.2505	0.071022	0.71035	0.78481	PPCS	chr1	+	42921788	42939056	1617
ENSG0000(	0.290301	0	0.4146	0.81455	NA	EDN2	chr1	-	41944446	41950344	1241
ENSG0000(	27.81567	339.3724	-3.5996	4.99E-38	8.32E-37	BCL11B	chr14	-	99635624	99737861	7603
ENSG0000(	2865.145	4567.088	-0.67152	1.56E-07	6.00E-07	COX7C	chr5	+	85913721	85916779	1584
ENSG0000(	365.1974	820.1805	-1.1647	1.20E-10	5.89E-10	TRAF2	chr9	+	1.4E+08	1.4E+08	2413
ENSG0000(	293.0167	326.4585	-0.15586	0.42057	0.52595	ABHD8	chr19	-	17402940	17421045	2090
ENSG0000(	3.652315	40.43086	-3.3529	3.86E-07	1.43E-06	MASP1	chr3	-	1.87E+08	1.87E+08	5982
ENSG0000(	15.87316	55.63333	-1.7936	1.75E-06	6.12E-06	HRASLS	chr3	+	1.93E+08	1.93E+08	1066
ENSG0000(	47.12778	113.9219	-1.2663	8.78E-07	3.15E-06	HELB	chr12	+	66696325	66737423	3586
ENSG0000(	1719.148	771.1744	1.1556	1.69E-17	1.27E-16	RAP1B	chr12	+	69004619	69054372	2129
ENSG0000(	42.0018	1.531196	4.4815	5.16E-10	2.43E-09	TSPAN8	chr12	-	71518865	71835678	1516
ENSG0000(	1.048164	0	1.348	0.44949	NA	BEST3	chr12	-	70037140	70093256	3532
ENSG0000(	103.7285	501.9205	-2.2677	5.82E-31	7.71E-30	RAB3IP	chr12	+	70132461	70216984	9646
ENSG0000(	17.41798	95.46205	-2.4172	1.73E-08	7.19E-08	PTPRB	chr12	-	70910630	71031220	11332
ENSG0000(	1432.807	982.7676	0.54363	1.46E-07	5.62E-07	DYRK2	chr12	+	68042118	68059186	8912
ENSG0000(	122.2538	433.2792	-1.8182	2.45E-30	3.16E-29	YEATS4	chr12	+	69753483	69784576	1434
ENSG0000(	1.555988	4.926189	-1.4319	0.21898	0.31064	TAS2R3	chr7	+	1.41E+08	1.41E+08	1101
ENSG0000(	2.137404	7.671292	-1.7331	0.07802	0.13068	TAS2R4	chr7	+	1.41E+08	1.41E+08	994
ENSG0000(	5.000153	14.18051	-1.4569	0.039475	0.07255	TAS2R5	chr7	+	1.41E+08	1.41E+08	1150
ENSG0000(	0.290301	20.08186	-5.1127	8.59E-06	2.78E-05	CRYGN	chr7	-	1.51E+08	1.51E+08	2367
ENSG0000(	0	15.33043	-5.5325	5.79E-06	1.91E-05	LRRC61	chr7	+	1.5E+08	1.5E+08	1877
ENSG0000(	330.0841	39.42897	3.0295	5.03E-23	4.86E-22	IDUA	chr4	+	980785	998316	2251
ENSG0000(	3194.477	650.5947	2.2923	3.59E-73	1.36E-71	FGFRL1	chr4	+	1003724	1020685	3639
ENSG0000(	256.7551	74.5368	1.7779	4.10E-15	2.71E-14	TMEM175	chr4	+	926175	952444	2236
ENSG0000(	81.58175	260.2657	-1.6713	6.71E-16	4.63E-15	AUNIP	chr1	-	26158414	26185903	2116
ENSG0000(	1685.306	1640.294	0.039166	0.73221	0.80216	PIN1	chr19	+	9945933	9960358	4022
ENSG0000(	619.5403	535.6589	0.20985	0.17428	0.2573	FBXL12	chr19	-	9920943	9938492	1920
ENSG0000(	2651.785	1333.818	0.98995	1.52E-10	7.42E-10	EMC1	chr1	-	19542158	19578046	6664
ENSG0000(	0	2.529055	-2.8037	0.077578	0.13005	PLA2G5	chr1	+	20354672	20417683	1871
ENSG0000(	5753.687	5856.879	-0.02565	0.77815	0.8406	UBR4	chr1	-	19401000	19536770	15945
ENSG0000(	3474.643	1182.87	1.553	5.55E-49	1.23E-47	HP1BP3	chr1	-	21069154	21113816	4822
ENSG0000(	7.272928	58.06692	-2.9499	1.54E-10	7.50E-10	EMR2	chr19	-	14843205	14889353	6767
ENSG0000(	1779.384	1866.943	-0.06932	0.51414	0.61715	SIN3B	chr19	+	16940211	16991164	5129
ENSG0000(	1372.722	590.5321	1.2152	1.52E-17	1.15E-16	SLC35E1	chr19	-	16660642	16683193	5099
ENSG0000(	639.739	727.675	-0.18509	0.23077	0.32421	EPS15L1	chr19	-	16466050	16582896	3915
ENSG0000(	227.1881	7.269878	4.9081	1.26E-37	2.08E-36	KLF2	chr19	+	16435628	16438685	2018
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	OR7C1	chr19	-	14909958	14911023	1066
ENSG0000(	1.286224	3.823929	-1.388	0.22205	0.31425	F2RL3	chr19	+	16999671	17003417	3473
ENSG0000(	10.60243	12.14994	-0.18256	0.7707	0.83469	UQCR11	chr19	-	1597171	1605480	1315
ENSG0000(	281.7096	584.1737	-1.0481	3.65E-08	1.48E-07	GFER	chr16	+	2034208	2037750	2345
ENSG0000(	36.46195	676.5035	-4.1864	2.03E-42	3.80E-41	SYNGR3	chr16	+	2039661	2044276	2051
ENSG0000(	441.9006	1490.908	-1.7501	2.90E-34	4.31E-33	PKMYT1	chr16	-	3018025	3030540	2308
ENSG0000(	6.08858	108.3844	-4.0243	5.18E-12	2.80E-11	WFIKKN1	chr16	+	679239	684116	4878
ENSG0000(	324.6213	509.7498	-0.6501	1.11E-05	3.53E-05	WDR24	chr16	-	734622	740444	3245
ENSG0000(	76.74021	685.5731	-3.1216	4.41E-17	3.25E-16	FBXL16	chr16	-	742500	755829	3547
ENSG0000(	883.3921	1731.841	-0.96978	8.12E-12	4.33E-11	CHTF18	chr16	+	838046	850737	4494
ENSG0000(	1.555988	4.78453	-1.395	0.21818	0.30965	GNG13	chr16	-	848041	850733	984
ENSG0000(	16.14031	18.51824	-0.17882	0.72255	0.7947	TUBBP1	chr8	+	30209389	30211034	1646
ENSG0000(	9239.321	4965.502	0.89525	1.81E-22	1.70E-21	MACF1	chr1	+	39546988	39952849	24828
ENSG0000(	7615.708	11311.92	-0.57044	2.85E-11	1.47E-10	SMARCA4	chr19	+	11071598	11176071	5790
ENSG0000(	1357.03	2171.573	-0.67568	0.00195	0.004626	KDM4B	chr19	+	4969125	5153606	5593
ENSG0000(	1.919068	12.43971	-2.3876	0.031227	0.058731	TICAM1	chr19	-	4815944	4831716	2676
ENSG0000(	106.415	167.8582	-0.65409	0.000659	0.001681	GAN	chr16	+	81348557	81413940	4695
ENSG0000(	27.53312	34.96059	-0.33333	0.49456	0.59835	METTL25	chr12	+	82752276	82873015	2093
ENSG0000(	3.475055	0.715414	1.8961	0.17101	0.25338	IL17B	chr5	-	1.49E+08	1.49E+08	696
ENSG0000(	1.971308	2.232041	-0.17172	0.88358	0.91879	EMC6	chr17	+	3572109	3572962	762
ENSG0000(	601.4367	1143.377	-0.9258	7.13E-12	3.82E-11	METTL16	chr17	-	2319343	2415185	4271
ENSG0000(	197.4116	641.4446	-1.695	3.72E-22	3.44E-21	TUBA4A	chr2	-	2.2E+08	2.2E+08	2499
ENSG0000(	0	10.42452	-4.9119	0.00018	0.000496	VIL1	chr2	+	2.19E+08	2.19E+08	6531

ENSG0000(	1267.816	2020.487	-0.67138	9.94E-12	5.27E-11	AAMP	chr2	-	2.19E+08	2.19E+08	2270
ENSG0000(	848.3444	722.5572	0.23112	0.12593	0.19657	PNKD	chr2	+	2.19E+08	2.19E+08	3021
ENSG0000(	1317.877	8.965293	6.1966	3.40E-07	1.27E-06	TNFRSF19	chr13	+	24144509	24250232	4151
ENSG0000(	633.6573	218.1862	1.5358	2.72E-14	1.71E-13	RNF6	chr13	-	26706253	26796791	3867
ENSG0000(	1659.309	1506.61	0.13941	0.32524	0.42815	ECHS1	chr10	-	1.35E+08	1.35E+08	1617
ENSG0000(	0.342542	0	0.4146	0.81455	NA	ZNF835	chr19	-	57174020	57183151	2779
ENSG0000(	1830.64	678.7225	1.4213	4.84E-06	1.61E-05	AKAP9	chr7	+	91570181	91739987	12475
ENSG0000(	1099.895	71.51979	3.9282	3.00E-112	2.07E-110	GNG11	chr7	+	93551011	93555831	964
ENSG0000(	1437.981	1386.376	0.05325	0.76604	0.83071	SHFM1	chr7	-	96110938	96339203	2773
ENSG0000(	1.233984	23.47195	-3.9275	2.25E-06	7.77E-06	GNGT1	chr7	+	93220885	93540577	1943
ENSG0000(	2402.748	2731.549	-0.18488	0.060756	0.10553	HIP1	chr7	-	75162621	75368280	8013
ENSG0000(	1077.611	1329.772	-0.30339	0.026962	0.051651	PTPN12	chr7	+	77166592	77269388	3406
ENSG0000(	1249.557	2765.933	-1.1453	4.96E-23	4.80E-22	POR	chr7	+	75528518	75616173	2532
ENSG0000(	27.09628	3.616746	2.8053	8.43E-06	2.73E-05	FGL2	chr7	-	76822688	76829143	4261
ENSG0000(	285.7581	257.4957	0.14955	0.36723	0.47183	STYXL1	chr7	-	75625656	75677322	1570
ENSG0000(	0.290301	1.012429	-0.95336	0.58114	NA	STEAP4	chr7	-	87905744	87936206	4451
ENSG0000(	1686.681	449.3319	1.9044	4.94E-35	7.50E-34	GNAI1	chr7	+	79763271	79848718	3347
ENSG0000(	110.0545	103.2046	0.092749	0.69235	0.77064	PMS2P3	chr7	-	75132254	75157478	1490
ENSG0000(	202.1753	477.0271	-1.2349	9.43E-11	4.67E-10	PEX1	chr7	-	92116334	92157845	5333
ENSG0000(	101.448	138.2991	-0.44198	0.20488	0.29414	MTERF	chr7	-	91500243	91510034	3882
ENSG0000(	588.7338	259.2923	1.1825	1.34E-15	9.11E-15	SGCE	chr7	-	94214542	94285521	1871
ENSG0000(	158.0702	119.2898	0.40567	0.092233	0.15098	RBM48	chr7	+	92158087	92167319	4093
ENSG0000(	373.6334	333.0593	0.16738	0.30846	0.4102	CASD1	chr7	+	94138531	94186331	3942
ENSG0000(	156.6031	147.4578	0.086921	0.81873	0.87259	ZNF780B	chr19	-	40534167	40562116	8665
ENSG0000(	94.22387	205.4381	-1.1189	6.68E-05	0.000194	LRFN1	chr19	-	39797208	39805976	3381
ENSG0000(	156.4037	120.8268	0.37423	0.049168	0.0877	ZFP36	chr19	+	39897453	39900052	1786
ENSG0000(	237.1465	307.0992	-0.37137	0.063072	0.10895	SRD5A3	chr4	+	56212276	56239263	4190
ENSG0000(	0.975385	11.92819	-3.2944	0.000685	0.001741	SPINK2	chr4	-	57676026	57687908	763
ENSG0000(	1931.474	671.8582	1.5199	9.72E-20	8.10E-19	RASL11B	chr4	+	53728457	53733000	1993
ENSG0000(	2970.386	9379.542	-1.6566	1.71E-36	2.72E-35	PAICS	chr4	+	57301907	57327534	3340
ENSG0000(	1029.291	2955.765	-1.5192	1.07E-29	1.35E-28	KDR	chr4	-	55944644	55991756	5831
ENSG0000(	418.9373	1116.972	-1.4135	3.67E-33	5.27E-32	PPAT	chr4	-	57259528	57301781	4043
ENSG0000(	1117.169	945.0627	0.24078	0.030068	0.056866	TUBGCP6	chr22	-	50656118	50683421	6053
ENSG0000(	245.9103	312.373	-0.34379	0.19827	0.28652	ADM2	chr22	+	50919985	50924869	4276
ENSG0000(	698.3743	743.9767	-0.09038	0.52499	0.62698	DGCR6L	chr22	-	20301799	20307603	1154
ENSG0000(	859.0957	970.4201	-0.17434	0.5695	0.66669	DGCR8	chr22	+	20067755	20099400	4695
ENSG0000(	355.3788	205.7635	0.7832	0.005049	0.011241	ASPHD2	chr22	+	26825239	26840981	3357
ENSG0000(	1.016461	2.482932	-1.0855	0.4287	0.53415	VPREB3	chr22	-	24094930	24096655	610
ENSG0000(	909.612	602.0761	0.59292	0.001481	0.00358	SDF2L1	chr22	+	21996550	21998587	865
ENSG0000(	1.701545	144.9999	-6.2034	1.98E-20	1.70E-19	GAL3ST1	chr22	-	30950622	30970574	1908
ENSG0000(	2342.657	3658.132	-0.64242	1.95E-08	8.07E-08	YWHAH	chr22	+	32340447	32353590	1879
ENSG0000(	0.685084	4.660728	-2.3504	0.06642	0.11389	RFPL2	chr22	-	32586422	32600718	2410
ENSG0000(	2.551911	1.387121	0.77093	0.5524	0.65181	C22orf24	chr22	-	32329507	32341504	1247
ENSG0000(	2.085163	1.949596	0.054029	0.96473	0.97948	POM121L9	chr22	+	24647796	24661493	5018
ENSG0000(	117.3623	200.2118	-0.76218	0.03261	0.061122	GNAZ	chr22	+	23412540	23467224	3340
ENSG0000(	312.2882	618.8139	-0.98078	0.000423	0.00111	MGAT3	chr22	+	39853349	39888199	5062
ENSG0000(	17.03338	5.298465	1.5926	0.047641	0.085325	ADORA2A	chr22	+	24813847	24838328	2569
ENSG0000(	3804.999	5960.925	-0.64604	9.63E-05	0.000275	ATF4	chr22	+	39915700	39918691	2019
ENSG0000(	16.08889	575.8562	-5.1137	1.31E-51	3.14E-50	A4GALT	chr22	-	43088127	43117304	2321
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RFPL3	chr22	+	32750872	32757148	1488
ENSG0000(	1413.395	355.4078	1.9855	7.92E-29	9.63E-28	CDC42EP1	chr22	+	37956454	37965412	2181
ENSG0000(	4.49233	0.357707	2.9409	0.034885	0.064956	APOL3	chr22	-	36536372	36562225	3634
ENSG0000(	29.31861	34.94374	-0.25488	0.51176	0.61491	MCHR1	chr22	+	41074754	41078818	2851
ENSG0000(	1103.78	1113.983	-0.01348	0.94443	0.96428	TPST2	chr22	-	26921458	26992681	2188
ENSG0000(	7.645381	132.9575	-4.0693	2.31E-21	2.08E-20	BAIAP2L2	chr22	-	38480896	38506677	2146
ENSG0000(	2302.458	1683.387	0.45102	0.000286	0.00077	MPST	chr22	+	37415676	37425863	5872
ENSG0000(	0.290301	9.540794	-4.0366	0.001557	0.003746	GALR3	chr22	+	38219389	38221502	1157
ENSG0000(	505.9207	409.2615	0.30414	0.096697	0.157	TST	chr22	-	37406900	37415681	1797
ENSG0000(	0.72616	0	0.85004	0.63064	NA	APOL5	chr22	+	36113919	36125530	1438
ENSG0000(	347.844	173.0961	1.0032	2.28E-07	8.62E-07	APOL2	chr22	-	36622256	36636000	2685
ENSG0000(	62.95807	22.46684	1.4716	2.46E-05	7.53E-05	RAC2	chr22	-	37621301	37640488	1482
ENSG0000(	366.2316	107.2624	1.7579	1.20E-07	4.67E-07	LIF	chr22	-	30636436	30642840	3969
ENSG0000(	204.5299	163.1632	0.3204	0.31985	0.42272	C22orf23	chr22	-	38339528	38349676	1560
ENSG0000(	3.838949	0.715414	1.9891	0.15123	0.22872	APOBEC3A	chr22	+	39348746	39359188	1478
ENSG0000(	75.81094	88.38169	-0.22042	0.57699	0.6737	APOBEC3F	chr22	+	39436609	39449915	2694

ENSG0000(	23.59987	15.70841	0.57374	0.20296	0.29183	RIBC2	chr22	+	45809572	45828376	1478
ENSG0000(	1.213446	0.640152	0.67875	0.66953	NA	KRT17	chr17	-	39775689	39781094	1834
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	TBC1D27	chr17	-	16826229	16838153	4838
ENSG0000(	1115.065	761.6402	0.54972	3.47E-05	0.000104	EMC4	chr15	+	34517200	34522357	2019
ENSG0000(	64.99637	26.9569	1.237	0.012542	0.02583	RNF112	chr17	+	19314438	19320589	3212
ENSG0000(	955.3327	2207.203	-1.2064	3.01E-20	2.56E-19	SPECC1	chr17	+	19912657	20222339	8133
ENSG0000(	373.3447	0.640152	8.5496	3.34E-26	3.66E-25	CPA4	chr7	+	1.3E+08	1.3E+08	2797
ENSG0000(	1945.69	419.1106	2.214	5.17E-71	1.89E-69	DOCK4	chr7	-	1.11E+08	1.12E+08	7997
ENSG0000(	233.4493	256.2506	-0.13235	0.62065	0.71141	POT1	chr7	-	1.24E+08	1.25E+08	4080
ENSG0000(	561.1265	490.4803	0.19441	0.13914	0.21281	ATP6V1F	chr7	+	1.29E+08	1.29E+08	711
ENSG0000(	347.4504	413.1825	-0.24856	0.1942	0.28182	NAA38	chr7	+	1.18E+08	1.18E+08	4030
ENSG0000(	5.644162	141.0837	-4.5688	4.04E-22	3.73E-21	CDHR3	chr7	+	1.06E+08	1.06E+08	6500
ENSG0000(	547.3057	534.0237	0.035427	0.85383	0.89735	PRKRIP1	chr7	+	1.02E+08	1.02E+08	3430
ENSG0000(	791.452	165.3218	2.253	2.96E-40	5.23E-39	VGF	chr7	-	1.01E+08	1.01E+08	2575
ENSG0000(	388.1055	23948.17	-5.9419	0	0	PODXL	chr7	-	1.31E+08	1.31E+08	6170
ENSG0000(	124.0708	22.1899	2.3124	0.010812	0.022559	FOXP2	chr7	+	1.14E+08	1.14E+08	8301
ENSG0000(	199.1993	178.7482	0.15422	0.36327	0.46747	STRIP2	chr7	+	1.29E+08	1.29E+08	5115
ENSG0000(	405.5146	239.8415	0.75694	4.51E-06	1.51E-05	RABL5	chr7	-	1.01E+08	1.01E+08	1785
ENSG0000(	1075.745	692.9939	0.63348	0.000142	0.000397	MKLN1	chr7	+	1.31E+08	1.31E+08	11156
ENSG0000(	317.7857	126.5808	1.3264	1.49E-11	7.80E-11	DNAJB9	chr7	+	1.08E+08	1.08E+08	2715
ENSG0000(	6078.959	497.7632	3.5965	1.58E-59	4.55E-58	FLNC	chr7	+	1.28E+08	1.28E+08	9188
ENSG0000(	32.24297	494.8749	-3.9171	8.67E-48	1.87E-46	LRRC4	chr7	-	1.28E+08	1.28E+08	3828
ENSG0000(	11922.02	3293.56	1.8543	2.90E-80	1.22E-78	CALU	chr7	+	1.28E+08	1.28E+08	4418
ENSG0000(	356.3692	408.8788	-0.19813	0.43507	0.54059	CCDC136	chr7	+	1.28E+08	1.28E+08	4169
ENSG0000(	1896.387	2544.73	-0.42348	6.34E-05	0.000185	SMO	chr7	+	1.29E+08	1.29E+08	3738
ENSG0000(	5.031043	27.80257	-2.3435	0.000764	0.001929	IRF5	chr7	+	1.29E+08	1.29E+08	2786
ENSG0000(	3881.392	15.84591	7.6315	8.49E-29	1.03E-27	LRRC17	chr7	+	1.03E+08	1.03E+08	2002
ENSG0000(	1112.988	232.0481	2.2608	1.24E-75	4.88E-74	KLHDC10	chr7	+	1.3E+08	1.3E+08	4473
ENSG0000(	480.0592	655.302	-0.44743	0.009224	0.019508	NDUFA5	chr7	-	1.23E+08	1.23E+08	5608
ENSG0000(	0	231.1002	-9.2172	4.46E-17	3.29E-16	FEZF1	chr7	-	1.22E+08	1.22E+08	2099
ENSG0000(	196.4656	84.13104	1.216	5.69E-09	2.46E-08	OPN1SW	chr7	-	1.28E+08	1.28E+08	1096
ENSG0000(	497.4903	875.4498	-0.81299	2.44E-07	9.19E-07	MRPS12	chr19	+	39421188	39423802	1220
ENSG0000(	6050.454	1216.275	2.311	5.70E-55	1.47E-53	MYO1B	chr2	+	1.92E+08	1.92E+08	5082
ENSG0000(	115.9796	2.745103	4.4865	0.000658	0.001677	HOXD1	chr2	+	1.77E+08	1.77E+08	2028
ENSG0000(	176.4341	1.372552	6.7682	1.80E-23	1.78E-22	HOXD3	chr2	+	1.77E+08	1.77E+08	4212
ENSG0000(	472.8297	571.954	-0.27441	0.036428	0.067525	MTX2	chr2	+	1.77E+08	1.77E+08	1592
ENSG0000(	107.6709	5.378559	4.2724	2.99E-22	2.78E-21	PDE11A	chr2	-	1.78E+08	1.79E+08	4458
ENSG0000(	1373.227	361.5056	1.9205	3.06E-22	2.84E-21	CHN1	chr2	-	1.76E+08	1.76E+08	2447
ENSG0000(	22.25204	26.18704	-0.22422	0.70853	0.78334	GAD1	chr2	+	1.72E+08	1.72E+08	3988
ENSG0000(	17.2844	30.35902	-0.80187	0.069326	0.11813	EIF2S2P4	chr2	+	1.72E+08	1.72E+08	1342
ENSG0000(	77.79602	110.2438	-0.49981	0.10022	0.16175	OSGEPL1	chr2	-	1.91E+08	1.91E+08	2216
ENSG0000(	522.5791	353.3982	0.56281	0.006837	0.01483	ORMDL1	chr2	-	1.91E+08	1.91E+08	2692
ENSG0000(	892.0317	848.1075	0.073191	0.72	0.79289	HAT1	chr2	+	1.73E+08	1.73E+08	3845
ENSG0000(	477.6738	9.264724	4.0442	0.010486	0.021951	HOXD9	chr2	+	1.77E+08	1.77E+08	2418
ENSG0000(	541.3784	2.745103	6.3322	1.12E-06	3.98E-06	HOXD10	chr2	+	1.77E+08	1.77E+08	1989
ENSG0000(	375.2734	2.401965	6.2047	5.37E-07	1.97E-06	HOXD11	chr2	+	1.77E+08	1.77E+08	1939
ENSG0000(	101.7777	3.10281	4.9467	2.35E-18	1.83E-17	HOXD13	chr2	+	1.77E+08	1.77E+08	2240
ENSG0000(	3398.546	2867.485	0.24488	0.006922	0.015	HERC2	chr15	-	28356186	28567298	15337
ENSG0000(	25.83239	153.613	-2.5637	3.13E-22	2.91E-21	SNRPN	chr15	+	25068794	25223870	1904
ENSG0000(	8.350189	7.002001	0.25756	0.71608	0.78964	PSMG2	chr18	+	12702425	12725739	1686
ENSG0000(	1642.982	434.0571	1.9173	1.65E-64	5.31E-63	TWSG1	chr18	+	9334765	9402418	3756
ENSG0000(	142.7436	216.8463	-0.60188	0.01514	0.030652	ARHGAP22	chr10	-	49654077	49864310	2764
ENSG0000(	1.45232	1.84278	-0.27881	0.86137	0.9031	WDFY4	chr10	+	49892921	50191001	9962
ENSG0000(	2945.812	3224.812	-0.13036	0.29213	0.39403	EIF2AK4	chr15	+	40226347	40327797	5499
ENSG0000(	41.6397	302.4986	-2.834	2.68E-28	3.21E-27	MYO5C	chr15	-	52484519	52587995	6971
ENSG0000(	191.0796	3047.062	-3.9903	1.08E-200	2.34E-198	CGNL1	chr15	+	57668165	57842925	7224
ENSG0000(	87.83659	109.2145	-0.31457	0.26164	0.35979	TMOD2	chr15	+	52043758	52108565	9191
ENSG0000(	339.7351	163.553	1.0484	7.55E-06	2.46E-05	TTBK2	chr15	-	43030932	43213007	10905
ENSG0000(	0.72616	3.573038	-1.9535	0.14631	0.22221	ELL3	chr15	-	44064798	44069741	2352
ENSG0000(	65.98015	25.15938	1.3698	2.47E-05	7.57E-05	C15orf57	chr15	-	40820882	40857256	6131
ENSG0000(	571.3126	675.3379	-0.23962	0.33604	0.43971	INO80	chr15	-	41271078	41408552	6439
ENSG0000(	447.5518	829.4323	-0.88844	4.06E-08	1.64E-07	NARG2	chr15	-	60711808	60771359	7209
ENSG0000(	0.36308	2.65044	-2.2672	0.12181	0.19125	DLL4	chr15	+	41221538	41231237	3339
ENSG0000(	9.471132	1.280305	2.6286	0.006158	0.013479	ALDH1A2	chr15	-	58245622	58790065	4098
ENSG0000(	652.8228	859.9561	-0.39628	0.00237	0.005542	FAM63B	chr15	+	59063391	59154099	9238

ENSG0000(	1125.924	1323.562	-0.23272	0.087204	0.14391	IVD	chr15	+	40697686	40728146	4665
ENSG0000(	669.6365	881.5537	-0.39657	0.002106	0.004965	KNSTRN	chr15	+	40674922	40686446	1899
ENSG0000(	802.0681	1679.56	-1.064	5.47E-10	2.57E-09	DUT	chr15	+	48623208	48635570	2147
ENSG0000(	110.5015	513.2613	-2.2045	1.93E-28	2.32E-27	CHAC1	chr15	+	41245160	41248710	1842
ENSG0000(	414.5573	874.8279	-1.0718	8.40E-06	2.72E-05	CLN6	chr15	-	68499330	68549549	2242
ENSG0000(	2606.021	3010.769	-0.20832	0.062906	0.10871	ARPP19	chr15	-	52839242	52862080	5362
ENSG0000(	1024.492	371.6409	1.4577	1.87E-10	9.09E-10	VPS13C	chr15	-	62144588	62352672	13400
ENSG0000(	97.50112	172.4284	-0.82074	5.66E-05	0.000166	CALML4	chr15	-	68483043	68498417	4155
ENSG0000(	1542.327	75.18823	4.3459	2.16E-104	1.33E-102	ISLR	chr15	+	74466012	74469213	2371
ENSG0000(	53.2686	49.78783	0.092987	0.75028	0.81735	THAP10	chr15	-	71173681	71185124	2399
ENSG0000(	1981.187	195.5987	3.3279	9.89E-64	3.14E-62	LOXL1	chr15	+	74218330	74244478	2786
ENSG0000(	2.718006	8.920043	-1.6394	0.047081	0.08444	CCRL1	chr3	+	1.32E+08	1.32E+08	1914
ENSG0000(	441.3005	335.1866	0.39655	0.037552	0.069381	ANAPC13	chr3	-	1.34E+08	1.34E+08	1840
ENSG0000(	464.3026	508.381	-0.13105	0.31715	0.41985	MBD4	chr3	-	1.29E+08	1.29E+08	2478
ENSG0000(	3028.658	1127.039	1.4245	3.35E-23	3.27E-22	COPB1	chr11	-	14464986	14521573	3481
ENSG0000(	108.5591	106.8106	0.027163	0.89766	0.92894	PSMA1	chr11	-	14515329	14665181	1527
ENSG0000(	1894.183	1135.847	0.73556	0.000273	0.000735	SUMF2	chr7	+	56131695	56148363	2052
ENSG0000(	11503.03	273.4443	5.3882	0	0	PALLD	chr4	+	1.69E+08	1.7E+08	6435
ENSG0000(	2304.715	1232.401	0.90115	9.00E-11	4.46E-10	SPCS3	chr4	+	1.77E+08	1.77E+08	4571
ENSG0000(	46.69193	2.307303	4.1935	2.27E-11	1.17E-10	BBOX1	chr11	+	27062272	27149356	1886
ENSG0000(	0.685084	0.891044	-0.23714	0.89313	NA	MYOD1	chr11	+	17741115	17743678	1801
ENSG0000(	101.4051	161.2295	-0.66767	0.01297	0.026634	SERGEF	chr11	-	17809595	18034709	1566
ENSG0000(	15.147	4.443808	1.6862	0.03833	0.070675	KCNC1	chr11	+	17756359	17804602	6766
ENSG0000(	2.592987	4.757807	-0.73719	0.56174	0.66018	TPH1	chr11	-	18039111	18063973	5325
ENSG0000(	1.338465	0.297015	1.3634	0.39966	NA	CSRP3	chr11	-	19203578	19232120	1456
ENSG0000(	284.1874	241.6345	0.23265	0.43577	0.54122	E2F8	chr11	-	19245610	19263167	3432
ENSG0000(	1277.714	956.7631	0.41675	0.000146	0.000407	DCTD	chr4	-	1.84E+08	1.84E+08	1972
ENSG0000(	28.39107	483.2135	-4.0649	3.84E-72	1.43E-70	SOX15	chr17	-	7491496	7493488	1396
ENSG0000(	707.8626	1761.486	-1.3139	8.10E-31	1.07E-29	FAM64A	chr17	+	6347735	6354789	1948
ENSG0000(	418.5404	702.8031	-0.74753	8.23E-09	3.51E-08	RPAIN	chr17	+	5322961	5336196	3817
ENSG0000(	5.466901	8.187643	-0.54823	0.45492	0.56024	USP6	chr17	+	5019733	5078329	8464
ENSG0000(	5.975539	11.95974	-0.97125	0.12902	0.20044	SHBG	chr17	+	7517382	7536700	1382
ENSG0000(	541.3959	1220.797	-1.1708	2.24E-15	1.50E-14	PLD2	chr17	+	4710391	4726729	3503
ENSG0000(	0	11.58673	-5.0289	0.00014	0.000393	AIPL1	chr17	-	6297013	6338519	2964
ENSG0000(	737.3663	789.5002	-0.09817	0.45413	0.55948	TXNDC17	chr17	+	6544078	6547861	2219
ENSG0000(	18.35987	1191.987	-5.9627	5.68E-68	1.97E-66	ATP1B2	chr17	+	7549945	7561086	3153
ENSG0000(	1466.426	828.4424	0.81945	0.001022	0.00253	FXR2	chr17	-	7494548	7518189	2957
ENSG0000(	3712.474	3454.363	0.10364	0.38005	0.48404	KIF1C	chr17	+	4901243	4931696	7919
ENSG0000(	771.713	705.0674	0.1306	0.53141	0.63273	MPDU1	chr17	+	7486847	7496107	1645
ENSG0000(	796.4856	2.041842	8.4206	1.63E-52	3.99E-51	MMP28	chr17	-	34083268	34122711	2459
ENSG0000(	122.4275	232.1145	-0.91833	4.17E-05	0.000125	MRM1	chr17	+	34958001	34965407	1857
ENSG0000(	1061.621	387.5012	1.4523	4.51E-24	4.54E-23	PHF20L1	chr8	+	1.34E+08	1.34E+08	7809
ENSG0000(	4.285159	18.72542	-2.0467	0.002239	0.005253	LRRC6	chr8	-	1.34E+08	1.34E+08	1734
ENSG0000(	674.2201	761.4904	-0.17458	0.21692	0.30822	CCNT1	chr12	-	49082247	49110681	6973
ENSG0000(	116.2422	146.8616	-0.33462	0.15269	0.23052	PUS7L	chr12	-	44122410	44152620	4364
ENSG0000(	627.8825	739.1296	-0.23471	0.18074	0.26525	KRI1	chr19	-	10663761	10676713	3744
ENSG0000(	11683.59	19233.61	-0.7182	2.56E-08	1.05E-07	ILF3	chr19	+	10764937	10803093	6119
ENSG0000(	2248.527	3038.382	-0.43363	6.66E-05	0.000194	SLC44A2	chr19	+	10713133	10755235	3784
ENSG0000(	3.910914	2222.794	-8.9938	2.58E-94	1.38E-92	AP1M2	chr19	-	10683347	10697991	1757
ENSG0000(	296.9402	40.38132	2.8744	2.17E-36	3.43E-35	CDKN2D	chr19	-	10677138	10679735	1422
ENSG0000(	229.9197	139.3727	0.72079	4.13E-05	0.000123	MTUS1	chr8	-	17501304	17658426	6256
ENSG0000(	3.922079	11.683	-1.4912	0.061967	0.10727	KLK14	chr19	-	51580752	51587502	1133
ENSG0000(	0.705622	0.594029	0.11178	0.94848	NA	SIGLEC9	chr19	+	51628165	51639908	1960
ENSG0000(	0	63.5249	-7.4741	5.29E-11	2.68E-10	KLK10	chr19	-	51515995	51523431	3111
ENSG0000(	0	15.68659	-5.5326	8.05E-06	2.61E-05	KLK8	chr19	-	51499263	51505967	1324
ENSG0000(	304.758	579.3434	-0.92251	2.48E-08	1.02E-07	NGDN	chr14	+	23938897	23979071	2763
ENSG0000(	7.996482	2.543625	1.5142	0.10603	0.16967	RIPK3	chr14	-	24805227	24809251	1930
ENSG0000(	37.68575	6.116663	2.545	1.12E-06	3.97E-06	ADCY4	chr14	-	24787555	24804299	5276
ENSG0000(	528.1245	285.3152	0.88769	3.63E-09	1.60E-08	RAB2B	chr14	-	21927179	21945132	2928
ENSG0000(	669.6108	307.7718	1.1167	4.72E-07	1.74E-06	BCL2L2	chr14	+	23767999	23780968	3605
ENSG0000(	1172.163	800.7488	0.54974	4.43E-06	1.48E-05	AJUBA	chr14	-	23440383	23451851	4262
ENSG0000(	130.1791	132.3076	-0.02365	0.9037	0.93346	DTD2	chr14	-	31915242	31926716	2717
ENSG0000(	335.2657	435.3889	-0.37547	0.028165	0.053691	PARP2	chr14	+	20811741	20826064	1980
ENSG0000(	476.6723	245.4051	0.9525	3.74E-06	1.26E-05	HEATR5A	chr14	-	31760994	31889788	7840
ENSG0000(	9.54391	32.99569	-1.7422	0.002513	0.005856	FOXA1	chr14	-	38059189	38069245	2862

ENSG0000(	1001.382	752.951	0.41101	0.000466	0.001217	SNX6	chr14	-	35030300	35099389	3398
ENSG0000(	226.7531	288.0146	-0.3418	0.065268	0.11224	EAPP	chr14	-	34985135	35008916	1321
ENSG0000(	108.8347	346.7754	-1.6645	2.56E-17	1.90E-16	EGLN3	chr14	-	34393437	34931980	2849
ENSG0000(	587.4057	764.5019	-0.3783	0.058281	0.10182	MIS18BP1	chr14	-	45672393	45722743	4777
ENSG0000(	13.4642	15.95118	-0.23634	0.64788	0.73398	NRL	chr14	-	24549316	24584223	2103
ENSG0000(	0.342542	6.442816	-3.4828	0.008043	0.017182	RNASE1	chr14	-	21269387	21271437	1348
ENSG0000(	315.605	329.2304	-0.05918	0.71806	0.79125	NEDD8	chr14	-	24686058	24701660	2300
ENSG0000(	2567.765	1159.335	1.1468	3.35E-28	3.99E-27	DAD1	chr14	-	23033805	23058175	731
ENSG0000(	1400.586	452.974	1.623	1.58E-16	1.12E-15	TEP1	chr14	-	20833826	20881588	10695
ENSG0000(	2.396002	126.1101	-5.6039	6.81E-22	6.25E-21	EPB41L4A	chr5	-	1.11E+08	1.12E+08	4707
ENSG0000(	40.88427	168.3163	-2.0332	8.53E-18	6.49E-17	CDO1	chr5	-	1.15E+08	1.15E+08	1860
ENSG0000(	856.5474	808.3185	0.083792	0.56859	0.66592	REEP5	chr5	-	1.12E+08	1.12E+08	3318
ENSG0000(	640.7829	246.9159	1.372	5.84E-24	5.85E-23	ITFG1	chr16	-	47188298	47498060	3400
ENSG0000(	94.21726	67.34869	0.47803	0.1112	0.17678	QRICH2	chr17	-	74270130	74303761	5359
ENSG0000(	0	190.8504	-9.0059	8.04E-17	5.82E-16	FOXJ1	chr17	-	74132414	74137380	2641
ENSG0000(	3043.238	1666.797	0.86661	4.88E-08	1.95E-07	SEC14L1	chr17	+	75082798	75213179	5437
ENSG0000(	613.7969	504.6051	0.28065	0.24912	0.34542	RHBDF2	chr17	-	74466973	74497872	3599
ENSG0000(	0.342542	6.110958	-3.383	0.011197	0.023283	AANAT	chr17	+	74449433	74466199	1913
ENSG0000(	551.0697	121.1814	2.1784	9.70E-31	1.27E-29	ARHGEF6	chrX	-	1.36E+08	1.36E+08	6019
ENSG0000(	314.8372	376.3556	-0.25583	0.136	0.20907	MAP7D3	chrX	-	1.35E+08	1.35E+08	4567
ENSG0000(	745.9098	651.7872	0.19395	0.08214	0.13664	FGF13	chrX	-	1.38E+08	1.38E+08	2676
ENSG0000(	905.8124	1431.554	-0.65907	2.72E-10	1.31E-09	ASH2L	chr8	+	37962760	38001594	3090
ENSG0000(	170.9814	286.1626	-0.73848	0.000252	0.000683	TTI2	chr8	-	33330904	33371119	2363
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	ART1	chr11	+	3666358	3685646	1312
ENSG0000(	11.20519	12.60144	-0.15898	0.85931	0.90137	CHRNA10	chr11	-	3686817	3692614	1945
ENSG0000(	683.3297	1107.68	-0.6946	0.000324	0.000864	CDKN1C	chr11	-	2904443	2907111	2051
ENSG0000(	111.737	174.5089	-0.64038	0.000896	0.00224	SGOL1	chr3	-	20202085	20227784	2587
ENSG0000(	1530.509	1500.005	0.029415	0.80405	0.86145	RPS4Y1	chrY	+	2709527	2734997	998
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	VCY1B	chrY	+	16168097	16168838	550
ENSG0000(	0	5.909479	-4.1271	0.002657	0.006178	CDH15	chr16	+	89238175	89261900	2847
ENSG0000(	722.2256	1028.08	-0.50816	0.000522	0.001351	KLF16	chr19	-	1852399	1863567	2888
ENSG0000(	3209.438	4359.354	-0.44114	5.95E-05	0.000174	TMEM8A	chr16	-	420773	437113	3691
ENSG0000(	639.6085	693.3094	-0.11585	0.52006	0.62279	DOHH	chr19	-	3490819	3500938	2031
ENSG0000(	1219.291	1117.976	0.12547	0.38218	0.48637	MAU2	chr19	+	19431490	19469564	4994
ENSG0000(	149.3357	234.9225	-0.65226	0.007947	0.016995	SHC2	chr19	-	416583	460996	2650
ENSG0000(	69.42448	3035.738	-5.4275	5.84E-122	4.66E-120	LPPR3	chr19	-	812518	821978	2357
ENSG0000(	1990.247	1727.493	0.20397	0.10641	0.17017	ABHD17A	chr19	-	1876809	1885546	5623
ENSG0000(	0	1.966581	-2.1968	0.20389	0.29293	LBP	chr20	+	36974759	37005665	1961
ENSG0000(	4.75272	7.31929	-0.6033	0.49902	0.60281	SYT5	chr19	-	55682567	55691809	3792
ENSG0000(	0	25.73562	-6.1766	4.38E-07	1.62E-06	TNNI3	chr19	-	55663137	55669141	992
ENSG0000(	12.65328	69.15032	-2.3832	2.34E-06	8.07E-06	CBFA2T3	chr16	-	88941266	89043612	4477
ENSG0000(	594.6712	397.9724	0.57846	0.000311	0.00083	GAMT	chr19	-	1397091	1401569	1327
ENSG0000(	220.7505	349.4708	-0.66049	0.000618	0.001583	HDHD1	chrX	-	6966961	7066231	2140
ENSG0000(	213.9629	185.9563	0.20141	0.2976	0.39953	C6orf70	chr6	+	1.7E+08	1.7E+08	2206
ENSG0000(	735.0381	723.4128	0.023261	0.84253	0.8896	PHF10	chr6	-	1.7E+08	1.7E+08	4285
ENSG0000(	0.975385	102.4722	-6.3239	7.56E-16	5.19E-15	PRRG3	chrX	+	1.51E+08	1.51E+08	5977
ENSG0000(	0.923144	27.81385	-4.5063	2.01E-07	7.63E-07	GALNT8	chr12	+	4829507	4960277	2380
ENSG0000(	9.088327	7.108817	0.34099	0.63721	0.72542	KCNA5	chr12	+	5153085	5155949	2865
ENSG0000(	13.50706	30.12028	-1.135	0.010706	0.022356	EFCAB4B	chr12	-	3715799	3873985	7554
ENSG0000(	4.232918	29.72631	-2.668	0.000568	0.001461	NXNL2	chr9	+	91150016	91199189	1457
ENSG0000(	753.2623	214.2133	1.8049	2.30E-13	1.36E-12	STARD8	chrX	+	67867508	67945684	4864
ENSG0000(	0.653381	628.3151	-9.2594	8.56E-31	1.13E-29	FAM155B	chrX	+	68725084	68752351	4013
ENSG0000(	8.922232	135.305	-3.8807	1.12E-24	1.15E-23	GDPD2	chrX	+	69642881	69653240	2438
ENSG0000(	369.7744	778.3759	-1.0729	1.65E-14	1.05E-13	SAT1	chrX	+	23801290	23804343	1135
ENSG0000(	682.6616	859.8764	-0.33194	0.051599	0.091415	GNL3L	chrX	+	54556644	54587504	2357
ENSG0000(	2337.29	1341.274	0.80079	4.44E-11	2.26E-10	SH3BP4	chr2	+	2.36E+08	2.36E+08	5231
ENSG0000(	286.0997	150.0237	0.93246	1.03E-06	3.68E-06	MOSPD2	chrX	+	14891563	14940449	4163
ENSG0000(	737.0541	1135.395	-0.62248	6.17E-05	0.00018	DOCK6	chr19	-	11309971	11373157	6358
ENSG0000(	547.7351	841.6259	-0.61868	3.77E-08	1.52E-07	ECSIT	chr19	-	11616731	11639989	1700
ENSG0000(	2051.092	1069.788	0.93253	0.002088	0.004927	LDLR	chr19	+	11200038	11244492	5337
ENSG0000(	787.6862	925.6396	-0.23203	0.12505	0.1954	ELOF1	chr19	-	11661962	11670051	2154
ENSG0000(	2.096328	6.145801	-1.4322	0.17736	0.26101	C19orf80	chr19	+	11348178	11352619	872
ENSG0000(	6573.588	5943.44	0.14533	0.13408	0.207	PRKCSH	chr19	+	11546109	11561783	2262
ENSG0000(	79.75616	246.9482	-1.6264	6.20E-16	4.28E-15	CNN1	chr19	+	11649532	11661138	1848
ENSG0000(	935.7293	959.7325	-0.03664	0.85509	0.89806	CDC16	chr13	+	1.15E+08	1.15E+08	2211

ENSG0000(	0	7113.118	-13.745	8.00E-40	1.40E-38	ZSCAN10	chr16	-	3138891	3149318	2467
ENSG0000(	85.34646	67.83335	0.3301	0.30659	0.40813	THEM6	chr8	+	1.44E+08	1.44E+08	2279
ENSG0000(	9.803322	79.74074	-2.9645	6.36E-08	2.52E-07	EXOC3L2	chr19	-	45715879	45737469	1719
ENSG0000(	2133.517	2920.609	-0.45275	3.22E-06	1.09E-05	PVRL2	chr19	+	45349432	45392485	2466
ENSG0000(	89.41149	9469.74	-6.7032	8.60E-267	3.18E-264	APOE	chr19	+	45409011	45412650	1208
ENSG0000(	1840.738	4108.611	-1.1549	1.92E-09	8.64E-09	TOMM40	chr19	+	45393826	45406946	3415
ENSG0000(	34.29643	275.9327	-2.9955	1.68E-36	2.67E-35	APOC1	chr19	+	45417504	45422606	689
ENSG0000(	66.7663	130.8394	-0.96222	0.006545	0.014244	GADD45G	chr9	+	92219928	92221470	1065
ENSG0000(	206.3223	51.62565	1.9961	1.87E-19	1.53E-18	LRCH2	chrX	-	1.14E+08	1.14E+08	4923
ENSG0000(	77.72226	68.08755	0.1915	0.5049	0.60827	DPP6	chr7	+	1.54E+08	1.55E+08	4798
ENSG0000(	1722.338	2175.854	-0.33705	0.000318	0.000849	XPO7	chr8	+	21777180	21864096	4889
ENSG0000(	1.338465	0.715414	0.69225	0.65865	0.74281	ACE2	chrX	-	15579156	15620271	3507
ENSG0000(	199.4958	138.2432	0.52257	0.11147	0.17712	FAM98C	chr19	+	38893775	38899728	4133
ENSG0000(	1425.693	1610.074	-0.17471	0.42315	0.52855	SAFB2	chr19	-	5587010	5624057	3371
ENSG0000(	4085.384	5614.749	-0.45815	1.04E-05	3.32E-05	RPL36	chr19	+	5674958	5691887	907
ENSG0000(	98.40103	84.18951	0.2186	0.60791	0.70069	ATP8B3	chr19	-	1782074	1812275	5237
ENSG0000(	0.36308	172.2852	-8.0558	1.78E-16	1.26E-15	NCAN	chr19	+	19322838	19363042	6903
ENSG0000(	11.60772	9562.989	-9.6035	1.93E-269	7.60E-267	KIF1A	chr2	-	2.42E+08	2.42E+08	9162
ENSG0000(	521.3562	1079.965	-1.0491	6.66E-14	4.06E-13	GTPBP3	chr19	+	17445729	17453544	2917
ENSG0000(	0	8.841492	-4.5834	0.000923	0.002302	PLVAP	chr19	-	17462257	17488159	2305
ENSG0000(	18.00975	451.217	-4.6088	2.06E-51	4.91E-50	BST2	chr19	-	17513748	17516457	1019
ENSG0000(	519.6044	212.7113	1.2814	1.08E-07	4.19E-07	SLC27A1	chr19	+	17579578	17616977	4343
ENSG0000(	308.8199	1142.391	-1.8828	1.34E-47	2.87E-46	NSUN5	chr7	-	72716514	72722864	2286
ENSG0000(	8.911881	196.9998	-4.4226	3.20E-22	2.97E-21	USHBP1	chr19	-	17359985	17393595	3598
ENSG0000(	5948.15	1920.243	1.6285	1.08E-30	1.41E-29	COLGALT1	chr19	+	17666403	17693971	3704
ENSG0000(	1220.372	711.9085	0.77729	5.82E-10	2.74E-09	DDA1	chr19	+	17420327	17434110	4078
ENSG0000(	456.0632	854.4853	-0.90527	1.45E-10	7.11E-10	MRPL34	chr19	+	17403418	17417652	968
ENSG0000(	611.7548	561.5865	0.12414	0.40088	0.50557	PGLS	chr19	+	17622438	17632097	1601
ENSG0000(	1574.739	2070.64	-0.39425	0.000113	0.00032	LSM7	chr19	-	2321520	2328615	710
ENSG0000(	1210.546	490.5849	1.3003	2.75E-23	2.69E-22	TULP4	chr6	+	1.59E+08	1.59E+08	11123
ENSG0000(	1798.509	870.5019	1.0451	1.31E-14	8.39E-14	SNX9	chr6	+	1.58E+08	1.58E+08	4198
ENSG0000(	145.5066	241.3027	-0.72814	0.000637	0.001629	RTN4IP1	chr6	-	1.07E+08	1.07E+08	2266
ENSG0000(	286.9854	349.5308	-0.28322	0.061052	0.106	QRSL1	chr6	+	1.07E+08	1.07E+08	4106
ENSG0000(	117.3872	159.5144	-0.43766	0.024393	0.047181	C6orf203	chr6	+	1.07E+08	1.07E+08	1517
ENSG0000(	151.0414	67.36004	1.1594	1.19E-07	4.60E-07	RSPH3	chr6	-	1.59E+08	1.59E+08	3152
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	MAS1	chr6	+	1.6E+08	1.6E+08	1135
ENSG0000(	8.289389	4.066699	0.98689	0.20884	0.29883	ACSBG2	chr19	+	6135258	6193112	2759
ENSG0000(	1095.736	777.5695	0.49485	0.000118	0.000334	MLLT1	chr19	-	6212966	6279959	1931
ENSG0000(	0	1.964165	-2.2052	0.20143	0.2901	FUT5	chr19	-	5865837	5903798	2118
ENSG0000(	1575.076	3094.706	-0.97375	7.54E-21	6.60E-20	MLLT4	chr6	+	1.68E+08	1.68E+08	7704
ENSG0000(	25780.29	8943.868	1.5261	7.60E-53	1.87E-51	ACTN4	chr19	+	39138289	39222223	4963
ENSG0000(	79.30914	193.9101	-1.285	2.70E-10	1.30E-09	STK33	chr11	-	8413418	8615836	4677
ENSG0000(	1454.491	1259.028	0.20861	0.079625	0.13296	NDUFA10	chr2	-	2.41E+08	2.41E+08	4915
ENSG0000(	0.705622	7.486798	-3.0577	0.007032	0.015218	EPO	chr7	+	1E+08	1E+08	1330
ENSG0000(	1219.78	356.0122	1.7709	2.10E-31	2.83E-30	ARPC1B	chr7	+	98971872	98992424	1715
ENSG0000(	0	76.92601	-7.7648	3.35E-12	1.83E-11	CACNG6	chr19	+	54495542	54515923	1853
ENSG0000(	1080.756	481.462	1.1618	2.19E-07	8.31E-07	ZSWIM6	chr5	+	60628100	60841997	5501
ENSG0000(	44.27799	586.5813	-3.7105	2.86E-47	6.04E-46	FCHO1	chr19	+	17858527	17899377	3214
ENSG0000(	1609.082	1537.024	0.065878	0.56037	0.65905	UNC13A	chr19	-	17712137	17799401	10101
ENSG0000(	1391.416	2476.09	-0.82984	1.28E-07	4.94E-07	MAP1S	chr19	+	17830051	17845325	3419
ENSG0000(	0.36308	0	0.4146	0.81455	NA	KLHDC7B	chr22	+	50986462	50989451	2990
ENSG0000(	397.5471	310.1751	0.3583	0.01388	0.02832	SCO2	chr22	-	50961997	50964868	1051
ENSG0000(	36301.15	5677.546	2.6751	2.18E-209	5.17E-207	PXDN	chr2	-	1635659	1748624	6808
ENSG0000(	2834.553	907.5232	1.6405	3.50E-40	6.19E-39	SSBP4	chr19	+	18529674	18545372	1694
ENSG0000(	282.3098	221.4863	0.32859	0.69965	0.77633	GDF15	chr19	+	18485541	18499987	1720
ENSG0000(	734.4806	821.054	-0.16184	0.21166	0.30203	PGPEP1	chr19	+	18451397	18480760	7092
ENSG0000(	78.87475	11.29616	2.7455	1.37E-11	7.18E-11	KIAA1683	chr19	-	18367906	18385319	5521
ENSG0000(	1533.706	5635.626	-1.8749	2.18E-47	4.62E-46	LSM4	chr19	-	18417040	18434084	1908
ENSG0000(	5404.279	3331.157	0.69593	0.000325	0.000867	JUND	chr19	-	18390563	18392432	1870
ENSG0000(	0	71.16477	-7.5399	1.60E-10	7.79E-10	HRC	chr19	-	49654455	49658681	2385
ENSG0000(	531.8696	335.1844	0.66256	0.005893	0.012935	TRPM4	chr19	+	49660998	49715093	4109
ENSG0000(	2.282147	216.4248	-6.3915	1.00E-31	1.37E-30	SULT4A1	chr22	-	44220389	44258398	2561
ENSG0000(	115.2513	133.4566	-0.21043	0.41765	0.52288	ZNF557	chr19	+	7069455	7087979	5990
ENSG0000(	1.048164	231.5346	-7.473	4.88E-24	4.90E-23	CRB3	chr19	+	6463788	6467232	1443
ENSG0000(	3.910914	533.8838	-6.9688	5.88E-57	1.60E-55	OLFM1	chr9	+	1.38E+08	1.38E+08	2624

ENSG0000(	1617.007	1351.873	0.25826	0.018756	0.037251	CAMSAP1	chr9	-	1.39E+08	1.39E+08	7696
ENSG0000(	711.7988	922.9109	-0.37425	0.003743	0.008491	UBAC1	chr9	-	1.39E+08	1.39E+08	1867
ENSG0000(	255.4089	583.0535	-1.1832	2.43E-05	7.46E-05	ZBTB46	chr20	-	62375019	62462597	5185
ENSG0000(	788.8795	750.4397	0.07094	0.79238	0.85239	HELZ2	chr20	-	62189439	62205592	8064
ENSG0000(	69.71299	105.469	-0.59447	0.02402	0.04653	SAMD10	chr20	-	62605466	62611361	2181
ENSG0000(	414.8209	5.018435	6.3032	2.78E-56	7.42E-55	LSP1	chr11	+	1874200	1913497	2640
ENSG0000(	6.402024	0	4.2258	0.00197	0.004669	TNNT3	chr11	+	1940792	1959936	1246
ENSG0000(	4.201215	0	3.6275	0.011483	0.023828	TNNI2	chr11	+	1860219	1862910	745
ENSG0000(	1.576526	177.4405	-6.4727	3.47E-20	2.94E-19	H19	chr11	-	2016406	2022700	2348
ENSG0000(	0.705622	0	0.8807	0.6196	NA	CYP2G1P	chr19	+	41396731	41406413	2511
ENSG0000(	93863.45	595.8397	7.2867	0	0	COL5A1	chr9	+	1.38E+08	1.38E+08	8468
ENSG0000(	1522.55	1688.39	-0.14934	0.11865	0.18715	ATXN10	chr22	+	46067678	46241187	3329
ENSG0000(	1911.69	1629.707	0.23028	0.019664	0.038872	TUBGCP2	chr10	-	1.35E+08	1.35E+08	3553
ENSG0000(	23.30876	19.42311	0.2558	0.57971	0.67609	CALY	chr10	-	1.35E+08	1.35E+08	920
ENSG0000(	9.368277	16.61973	-0.81828	0.24862	0.34486	CYP2E1	chr10	+	1.35E+08	1.35E+08	7918
ENSG0000(	67.50958	35.33549	0.92189	0.01435	0.029187	PNPLA7	chr9	-	1.4E+08	1.4E+08	5308
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	HBZ	chr16	+	202686	204502	755
ENSG0000(	3048.805	2614.619	0.22126	0.096202	0.15633	PAK4	chr19	+	39616410	39673456	5735
ENSG0000(	0.943682	5.661004	-2.2476	0.047181	0.0846	MNX1	chr7	-	1.57E+08	1.57E+08	2174
ENSG0000(	30.6878	18.57007	0.71149	0.08307	0.13798	ZNF337	chr20	-	25654851	25677477	3613
ENSG0000(	532.9882	863.5613	-0.69434	0.000377	0.000996	CEP85	chr1	+	26560691	26605299	3935
ENSG0000(	381.8602	659.23	-0.78807	1.43E-07	5.50E-07	TAF4	chr20	-	60528525	60640866	4630
ENSG0000(	0	68.00275	-7.5004	1.43E-10	6.98E-10	GATA5	chr20	-	61038553	61051026	2595
ENSG0000(	0	90.72202	-8.0185	2.36E-13	1.39E-12	RBBP8NL	chr20	-	60985293	61002589	2793
ENSG0000(	1138.466	5352.981	-2.2289	9.87E-51	2.30E-49	LAMA5	chr20	-	60883011	60942368	11426
ENSG0000(	773.7859	639.3221	0.27426	0.096651	0.15697	OSBPL2	chr20	+	60813580	60871268	3970
ENSG0000(	618.4126	837.0792	-0.43548	0.002309	0.005407	ADRM1	chr20	+	60877149	60883918	1371
ENSG0000(	1063.771	1491.812	-0.48633	0.001333	0.003245	ASS1	chr9	+	1.33E+08	1.33E+08	1973
ENSG0000(	2.261609	2.482932	-0.13452	0.90891	0.9374	PRDM12	chr9	+	1.34E+08	1.34E+08	2476
ENSG0000(	690.5243	916.096	-0.40633	0.02869	0.054567	EXOSC2	chr9	+	1.34E+08	1.34E+08	2766
ENSG0000(	437.5939	365.1141	0.2605	0.058805	0.10264	POMT1	chr9	+	1.34E+08	1.34E+08	3420
ENSG0000(	523.811	752.6757	-0.52138	0.002714	0.006299	UCK1	chr9	-	1.34E+08	1.34E+08	2237
ENSG0000(	420.2663	243.5902	0.77983	0.011666	0.024168	FIBCD1	chr9	-	1.34E+08	1.34E+08	3253
ENSG0000(	9195.798	8323.186	0.14365	0.20916	0.29918	PRRC2B	chr9	+	1.34E+08	1.34E+08	11042
ENSG0000(	1133.504	1117.868	0.02004	0.89812	0.92931	CHMP2A	chr19	-	59062933	59066491	1178
ENSG0000(	1655.261	2128.253	-0.36208	0.003312	0.007586	UBE2M	chr19	-	59067079	59070327	1508
ENSG0000(	9654.847	27966.66	-1.5334	1.48E-71	5.45E-70	TRIM28	chr19	+	59055458	59062089	2960
ENSG0000(	588.0521	738.6654	-0.32896	0.016879	0.033823	C16orf13	chr16	-	684429	686358	1710
ENSG0000(	1154.64	913.589	0.33713	0.034554	0.064403	YIPF2	chr19	-	11033444	11039357	1550
ENSG0000(	219.4973	687.5943	-1.6415	4.89E-17	3.58E-16	ATG4D	chr19	+	10654571	10664094	1949
ENSG0000(	1732.174	3349.912	-0.95079	1.77E-18	1.38E-17	EIF2S3	chrX	+	24072833	24096088	2858
ENSG0000(	428.6056	827.161	-0.94697	1.94E-11	1.01E-10	TMEM160	chr19	-	47549165	47551888	663
ENSG0000(	1264.332	2211.294	-0.80307	0.00051	0.001324	ZC3H4	chr19	-	47567444	47617009	6119
ENSG0000(	12.76811	97.30327	-2.8479	4.63E-09	2.02E-08	NPAS1	chr19	+	47523077	47549033	2117
ENSG0000(	4.762093	8.298491	-0.74569	0.41347	0.51831	GMFG	chr19	-	39818993	39833012	1028
ENSG0000(	451.449	510.6819	-0.17826	0.39053	0.49492	MAP3K10	chr19	+	40697651	40721482	3436
ENSG0000(	1.846289	795.3272	-8.4263	7.84E-52	1.89E-50	ARHGEF16	chr1	+	3370990	3397677	3061
ENSG0000(	1401.728	3681.743	-1.3921	1.13E-43	2.18E-42	LRRC47	chr1	-	3696784	3713068	2648
ENSG0000(	327.8062	969.14	-1.5565	1.51E-10	7.38E-10	SESN2	chr1	+	28586038	28609002	3453
ENSG0000(	2.302685	266.2577	-6.6783	4.59E-34	6.80E-33	SMPDL3B	chr1	+	28261504	28285668	1913
ENSG0000(	1363.418	1554.469	-0.18851	0.085697	0.1417	ATPIF1	chr1	+	28562620	28573417	1855
ENSG0000(	291.3799	365.0642	-0.32468	0.11526	0.18247	MED18	chr1	+	28655513	28662476	1831
ENSG0000(	262.3712	277.5849	-0.08268	0.68362	0.76376	THEMIS2	chr1	+	28199055	28213196	2861
ENSG0000(	1062.539	442.3972	1.2634	2.22E-20	1.90E-19	CLIP1	chr12	-	1.23E+08	1.23E+08	5880
ENSG0000(	8.205445	5.794542	0.49229	0.52362	0.62598	CCDC62	chr12	+	1.23E+08	1.23E+08	3546
ENSG0000(	1266.276	1473.783	-0.2185	0.1252	0.19561	HIP1R	chr12	+	1.23E+08	1.23E+08	4539
ENSG0000(	492.8308	802.7656	-0.70279	6.55E-07	2.38E-06	ZNF317	chr19	+	9251056	9274100	4186
ENSG0000(	36.60768	94.4639	-1.3475	0.000943	0.002348	PPAN	chr19	+	10216965	10225414	2412
ENSG0000(	2585.619	3547.684	-0.45557	7.23E-06	2.36E-05	EIF3G	chr19	-	10225693	10230596	1522
ENSG0000(	1.681007	4.556329	-1.3086	0.22431	0.31685	ANGPTL6	chr19	-	10203014	10213472	1900
ENSG0000(	38.01892	66.41562	-0.79869	0.009079	0.019227	C19orf66	chr19	+	10196798	10203928	2140
ENSG0000(	3888.592	4763.521	-0.29244	0.011167	0.023227	DNMT1	chr19	-	10244021	10341962	5408
ENSG0000(	169.6206	286.3963	-0.75103	5.89E-06	1.94E-05	ZNF426	chr19	-	9638667	9649303	2402
ENSG0000(	1149.332	2662.042	-1.2102	7.94E-28	9.33E-27	SLC6A8	chrX	+	1.53E+08	1.53E+08	3763
ENSG0000(	2.282147	42.06961	-4.0398	1.28E-09	5.84E-09	PNCK	chrX	-	1.53E+08	1.53E+08	2143

ENSG0000(	1076.849	2514.511	-1.2204	1.93E-12	1.08E-11	DKC1	chrX	+	1.54E+08	1.54E+08	2577
ENSG0000(	2006.963	358.2158	2.4825	1.73E-93	9.17E-92	PLXNA3	chrX	+	1.54E+08	1.54E+08	6752
ENSG0000(	8.340816	142.5363	-4.0204	5.84E-25	6.09E-24	DUSP9	chrX	+	1.53E+08	1.53E+08	2433
ENSG0000(	89.26577	260.4522	-1.5387	3.53E-13	2.07E-12	MPP1	chrX	-	1.54E+08	1.54E+08	2378
ENSG0000(	172.0247	723.9004	-2.0705	2.02E-36	3.20E-35	ZNF331	chr19	+	54024235	54083523	5042
ENSG0000(	403.5349	353.3803	0.19089	0.21515	0.30611	ZNF236	chr18	+	74534563	74682683	8206
ENSG0000(	12.92548	123.6159	-3.2345	1.41E-14	9.01E-14	SLC7A10	chr19	-	33699571	33716756	1945
ENSG0000(	1255.762	2602.831	-1.0497	4.60E-14	2.83E-13	LRP3	chr19	+	33668509	33698694	3278
ENSG0000(	478.0161	294.8155	0.69586	1.04E-07	4.04E-07	C12orf65	chr12	+	1.24E+08	1.24E+08	3733
ENSG0000(	620.3908	954.0711	-0.61751	0.016981	0.034011	NOL11	chr17	+	65713949	65740647	2947
ENSG0000(	1724.647	2015.881	-0.22464	0.023909	0.046332	UBE4B	chr1	+	10092890	10241297	5522
ENSG0000(	17.78024	246.6548	-3.742	1.32E-23	1.31E-22	CASZ1	chr1	-	10696661	10856707	7936
ENSG0000(	11.50405	12.55136	-0.12236	0.82781	0.87876	PKDREJ	chr22	-	46651560	46659219	7660
ENSG0000(	3.496407	0.594029	1.9735	0.16101	0.24104	HSD17B3	chr9	-	98997588	99064434	1135
ENSG0000(	3.423628	10.67299	-1.5852	0.046635	0.083733	NUTMF	chr9	-	97077605	97090926	4195
ENSG0000(	667.9746	393.656	0.75918	0.000173	0.000479	HABP4	chr9	+	99212483	99253618	3150
ENSG0000(	1.317927	4.721421	-1.6112	0.16422	0.245	FBP2	chr9	-	97321002	97356075	1305
ENSG0000(	322.5129	253.9762	0.34238	0.046462	0.083471	SLC35D2	chr9	-	99082988	99145992	1613
ENSG0000(	176.3699	91.89303	0.93339	3.49E-05	0.000105	PRRG1	chrX	+	37208528	37316548	4600
ENSG0000(	9516.823	10895.45	-0.19494	0.11353	0.18002	UBA1	chrX	+	47050260	47074527	3559
ENSG0000(	0.36308	4.008423	-2.7979	0.047188	0.084606	RGN	chrX	+	46937775	46952712	2235
ENSG0000(	5.612459	4.273883	0.36682	0.65243	0.7377	POLN	chr4	-	2073645	2243848	3978
ENSG0000(	817.1364	593.7318	0.46093	0.002048	0.004837	TXLNG2P	chrY	+	21729199	21768160	7299
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	TTTY9B	chrY	-	20743092	20752407	1637
ENSG0000(	464.4924	345.8604	0.42526	0.033481	0.062598	PPIL4	chr6	-	1.5E+08	1.5E+08	2232
ENSG0000(	101.1519	0	8.1588	7.39E-14	4.49E-13	ULBP2	chr6	+	1.5E+08	1.5E+08	1349
ENSG0000(	3010.9	3678.847	-0.28882	0.001852	0.004404	AKAP12	chr6	+	1.52E+08	1.52E+08	8432
ENSG0000(	1848.986	82.16285	4.476	1.74E-84	7.91E-83	SYNE1	chr6	-	1.52E+08	1.53E+08	27748
ENSG0000(	96.67146	46.63715	1.0444	0.001207	0.002957	ULBP3	chr6	-	1.5E+08	1.5E+08	966
ENSG0000(	668.3752	409.3634	0.70626	1.98E-05	6.15E-05	LATS1	chr6	-	1.5E+08	1.5E+08	7517
ENSG0000(	82.73179	583.2235	-2.8011	2.81E-22	2.62E-21	EPS8L1	chr19	+	55583388	55599291	2536
ENSG0000(	7.499823	0	4.5164	0.000541	0.001395	LILRB2	chr19	-	54777675	54785039	2819
ENSG0000(	747.3729	702.7348	0.089237	0.54904	0.64885	AAR2	chr20	+	34824381	34858840	2689
ENSG0000(	3.019472	1.606458	0.76898	0.52787	0.62953	TTLL9	chr20	+	30458505	30532764	2623
ENSG0000(	2567.358	3191.164	-0.31278	0.10193	0.16398	RBM39	chr20	-	34291531	34330234	4580
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	COX4I2	chr20	+	30225691	30232809	693
ENSG0000(	151.5773	257.6756	-0.76635	0.000217	0.000591	ZNF341	chr20	+	32319463	32380075	3682
ENSG0000(	734.0392	511.7673	0.51874	0.000239	0.000648	GGT7	chr20	-	33432523	33460663	2642
ENSG0000(	2604.879	659.2465	1.9794	2.12E-41	3.85E-40	ACSS2	chr20	+	33459949	33515769	3065
ENSG0000(	215.6634	174.4559	0.30252	0.31566	0.41828	EDA2R	chrX	-	65815479	65859108	3418
ENSG0000(	460.1136	598.6266	-0.3788	0.005896	0.01294	ARHGEF9	chrX	-	62854847	63005426	5413
ENSG0000(	97.96013	477.6086	-2.2689	3.44E-13	2.01E-12	C1QL1	chr17	-	43037061	43045439	1295
ENSG0000(	6.54579	13.40514	-1.0064	0.16602	0.24716	GFAP	chr17	-	42982376	42994305	3086
ENSG0000(	0.290301	4.63159	-3.0749	0.022804	0.044422	PYY	chr17	-	42030106	42081837	1053
ENSG0000(	2.032922	2.012704	0.006919	0.99614	0.99778	HIGD1B	chr17	+	42923721	42927848	635
ENSG0000(	1295.173	1065.925	0.28104	0.043768	0.079248	ATP6V1E1	chr22	-	18074902	18111584	1402
ENSG0000(	107.9279	127.4104	-0.23735	0.24462	0.34036	ZNF227	chr19	+	44711700	44741421	3043
ENSG0000(	388.6484	177.26	1.1266	1.17E-09	5.37E-09	ZNF428	chr19	-	44111371	44124026	1412
ENSG0000(	0.342542	1.485073	-1.2139	0.48947	NA	TEX101	chr19	+	43905648	43922763	1446
ENSG0000(	109.8095	226.4014	-1.0372	9.77E-06	3.14E-05	ZNF141	chr4	+	331603	378653	2970
ENSG0000(	0	1.294874	-1.8547	0.27869	NA	CCL25	chr19	+	8117651	8127534	953
ENSG0000(	2809.8	3768.94	-0.42336	7.74E-07	2.79E-06	COX4I1	chr16	+	85832239	85840650	3946
ENSG0000(	482.5908	607.3268	-0.331	0.028754	0.054668	EMC8	chr16	-	85805364	85833214	1962
ENSG0000(	905.3892	2898.927	-1.6774	3.39E-52	8.24E-51	GSE1	chr16	+	85645015	85709810	7495
ENSG0000(	412.8187	751.0348	-0.86084	1.32E-05	4.18E-05	GINS2	chr16	-	85709804	85723679	2673
ENSG0000(	1727.723	1524.274	0.18091	0.19196	0.27905	CHMP1A	chr16	-	89710839	89724253	2483
ENSG0000(	1261.706	514.5955	1.2915	3.56E-11	1.82E-10	SH3BGRL	chrX	+	80457442	80554046	1923
ENSG0000(	641.7999	747.6249	-0.21933	0.10873	0.17332	COX7B	chrX	+	77154935	77162870	2471
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	SLC34A1	chr5	+	1.77E+08	1.77E+08	2916
ENSG0000(	20.10347	137.1515	-2.7263	6.16E-11	3.10E-10	F12	chr5	-	1.77E+08	1.77E+08	2049
ENSG0000(	285.3798	320.4092	-0.16641	0.57022	0.66741	PRR7	chr5	+	1.77E+08	1.77E+08	1476
ENSG0000(	812.8893	966.1873	-0.24813	0.098521	0.15944	NFATC1	chr18	+	77155856	77289325	4642
ENSG0000(	1.213446	67.37944	-5.4315	5.64E-14	3.46E-13	IDO1	chr8	+	39759794	39785963	2097
ENSG0000(	0.72616	0.297015	0.51367	0.77334	NA	GJA9	chr1	-	39330175	39347289	2377
ENSG0000(	6983.45	3681.388	0.9227	2.06E-13	1.22E-12	CAP1	chr1	+	40505905	40538321	3105

ENSG0000(	1315.49	1704.334	-0.37306	0.004166	0.009383	PPT1	chr1	-	40538379	40563375	2740
ENSG0000(	102.1153	2355.343	-4.5104	4.76E-87	2.25E-85	RAB11FIP4	chr17	+	29718642	29865236	8629
ENSG0000(	1469.431	1187.106	0.30781	0.005395	0.011943	RLIM	chrX	-	73805052	73834452	8317
ENSG0000(	0	13.12994	-5.2615	3.31E-05	9.99E-05	CDX4	chrX	+	72667090	72675081	1515
ENSG0000(	276.2657	608.6107	-1.1363	7.22E-11	3.62E-10	ABCB7	chrX	-	74273115	74376567	2377
ENSG0000(	864.4896	475.2248	0.86019	1.68E-06	5.87E-06	TRAF3	chr14	+	1.03E+08	1.03E+08	7640
ENSG0000(	244.0325	404.0319	-0.72345	3.33E-05	0.0001	HAUS8	chr19	-	17160539	17186435	3176
ENSG0000(	0.632843	0	0.81931	0.64303	NA	EMR3	chr19	-	14729929	14800839	2254
ENSG0000(	580.4018	661.1839	-0.18859	0.10402	0.16681	MRPS25	chr3	-	15083967	15106842	4586
ENSG0000(	321.7305	75.97099	2.0728	9.05E-22	8.26E-21	SH3BP5	chr3	-	15296360	15382875	2822
ENSG0000(	187.2592	476.6158	-1.3451	4.93E-16	3.42E-15	HACL1	chr3	-	15602211	15643338	2266
ENSG0000(	833.5767	547.3053	0.60482	0.000455	0.001191	TBC1D5	chr3	-	17199899	18486309	6609
ENSG0000(	511.3883	205.9997	1.3064	2.41E-14	1.52E-13	CAPN7	chr3	+	15247659	15294425	4353
ENSG0000(	1139.47	88.39109	3.6861	6.17E-137	5.82E-135	RFTN1	chr3	-	16357352	16555533	2982
ENSG0000(	0.342542	1.66715	-1.521	0.35886	0.46305	C3orf20	chr3	+	14716606	14814541	3326
ENSG0000(	1019.372	623.2319	0.70964	3.75E-11	1.92E-10	ZFYVE20	chr3	-	15111580	15140670	6678
ENSG0000(	9.149941	0.357707	3.9733	0.00147	0.003556	GALNT15	chr3	+	16216156	16273499	4669
ENSG0000(	1653.583	3787.141	-1.1947	3.96E-26	4.32E-25	SLC6A6	chr3	+	14444076	14530857	6534
ENSG0000(	0.870904	80.09266	-5.994	6.34E-14	3.88E-13	KCNC3	chr19	-	50815194	50836772	5447
ENSG0000(	0	5.405281	-3.8633	0.008356	0.017804	NAPSA	chr19	-	50861734	50869087	3288
ENSG0000(	1.048164	5.758956	-2.2122	0.05315	0.093809	NAPSB	chr19	-	50837053	50848024	1343
ENSG0000(	1147.306	1042.795	0.13695	0.25917	0.3571	NR1H2	chr19	+	50832910	50886239	2380
ENSG0000(	6.120282	155.482	-4.5485	2.15E-18	1.67E-17	LRRC4B	chr19	-	51020149	51071302	3019
ENSG0000(	2312.741	215.5251	3.4139	3.04E-82	1.32E-80	PDLIM4	chr5	+	1.32E+08	1.32E+08	2282
ENSG0000(	366.5842	219.1246	0.74116	1.05E-06	3.75E-06	KIF3A	chr5	-	1.32E+08	1.32E+08	6325
ENSG0000(	3589.575	2508.411	0.51666	7.67E-07	2.77E-06	MGAT1	chr5	-	1.8E+08	1.8E+08	3175
ENSG0000(	2450.859	2846.005	-0.21594	0.036131	0.06704	GFPT2	chr5	-	1.8E+08	1.8E+08	3093
ENSG0000(	1296.889	1685.507	-0.37761	0.005172	0.011495	TUBG1	chr17	+	40761694	40767252	1611
ENSG0000(	2076.756	2797.187	-0.42715	0.10609	0.16974	PSME3	chr17	+	40976402	40995774	3144
ENSG0000(	8185.602	9964.589	-0.28345	0.002199	0.005169	RPL27	chr17	+	41150290	41154976	1872
ENSG0000(	184.2621	194.6674	-0.07851	0.75216	0.81897	PSMC3IP	chr17	-	40724333	40729849	1416
ENSG0000(	4.285159	110.7531	-4.5495	9.33E-14	5.63E-13	AOC3	chr17	+	41003201	41010147	4026
ENSG0000(	16137.74	10021.22	0.68676	1.13E-09	5.16E-09	ACLY	chr17	-	40023161	40086795	4339
ENSG0000(	568.2448	1302.191	-1.1946	5.01E-19	4.02E-18	VPS25	chr17	+	40925454	40931617	1101
ENSG0000(	40.25901	60.28185	-0.57485	0.081508	0.13575	RAMP2	chr17	+	40910465	40915059	858
ENSG0000(	19.79344	156.8148	-2.9615	4.63E-18	3.57E-17	AOC2	chr17	+	40996617	41002724	2657
ENSG0000(	7.915144	5.286312	0.55639	0.43784	0.54337	RP11-798G	chr17	+	43580626	43612076	547
ENSG0000(	92.76918	108.8461	-0.23363	0.36216	0.46634	NDUFA2	chr5	-	1.4E+08	1.4E+08	804
ENSG0000(	32.51176	40.13613	-0.30389	0.36677	0.47137	ANKHD1	chr5	+	1.4E+08	1.4E+08	8319
ENSG0000(	3195.556	3298.217	-0.04534	0.76173	0.82702	DIAPH1	chr5	-	1.41E+08	1.41E+08	5792
ENSG0000(	1163.702	738.9281	0.6542	5.46E-09	2.37E-08	NDFIP1	chr5	+	1.41E+08	1.42E+08	4164
ENSG0000(	1381.397	2200.076	-0.67094	2.58E-08	1.06E-07	UBE2D2	chr5	+	1.39E+08	1.39E+08	2864
ENSG0000(	1132.827	1019.131	0.15262	0.28156	0.38258	EXOC4	chr7	+	1.33E+08	1.34E+08	4185
ENSG0000(	1163.203	788.7806	0.55826	0.000287	0.000771	ACAP3	chr1	-	1227756	1244989	5319
ENSG0000(	344.3671	214.7989	0.67862	3.48E-05	0.000105	C1orf159	chr1	-	1017198	1051741	3315
ENSG0000(	6297.984	42.39818	7.1905	0	0	ANO1	chr11	+	69924408	70035634	4790
ENSG0000(	830.6899	815.0502	0.026805	0.81703	0.87164	PPFIA1	chr11	+	70116806	70230509	5234
ENSG0000(	490.0399	5.554188	6.3749	1.32E-64	4.26E-63	TMEM204	chr16	+	1578689	1605581	1938
ENSG0000(	25.24918	140.5489	-2.4565	7.56E-14	4.59E-13	KREMEN2	chr16	+	3013945	3018384	2339
ENSG0000(	417.5112	1243.083	-1.5703	1.93E-29	2.41E-28	THOC6	chr16	+	3074028	3077756	1419
ENSG0000(	2179.395	3079.811	-0.49853	1.46E-05	4.61E-05	TRAF7	chr16	+	2205699	2228130	3700
ENSG0000(	0.290301	93.54078	-7.2245	1.14E-12	6.47E-12	BARX1	chr9	-	96713905	96717654	1532
ENSG0000(	288.2894	543.9363	-0.91338	1.01E-05	3.23E-05	NINJ1	chr9	-	95883771	95896570	2026
ENSG0000(	524.7244	381.0214	0.46219	0.000396	0.001043	NPHP4	chr1	-	5922871	6052533	5548
ENSG0000(	14985.53	2003.876	2.8989	2.09E-121	1.66E-119	MAP1B	chr5	+	71403061	71505395	12034
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RHOXF2	chrX	+	1.19E+08	1.19E+08	1309
ENSG0000(	1632.057	215.4472	2.916	7.81E-105	4.82E-103	IL13RA1	chrX	+	1.18E+08	1.18E+08	4036
ENSG0000(	270.3089	295.1025	-0.12514	0.48944	0.59346	WDR44	chrX	+	1.17E+08	1.18E+08	4111
ENSG0000(	19.83631	28.00962	-0.48454	0.28462	0.38597	CKMT2	chr5	+	80529104	80562216	1637
ENSG0000(	185.6424	225.4524	-0.28079	0.094419	0.15389	ZCCHC9	chr5	+	80597409	80609116	4606
ENSG0000(	0.653381	0	0.82678	0.64037	NA	KRT34	chr17	-	39533902	39538655	1751
ENSG0000(	0.995923	6.045433	-2.3006	0.041643	0.075919	TNS4	chr17	-	38632080	38657849	4067
ENSG0000(	3839.617	6633.699	-0.78614	0.000121	0.000342	TOP2A	chr17	-	38544768	38574202	5758
ENSG0000(	849.2093	1222.591	-0.52518	4.96E-05	0.000147	STARD3	chr17	+	37793318	37819737	3451
ENSG0000(	989.4031	393.7234	1.3283	7.57E-26	8.19E-25	RARA	chr17	+	38465444	38513094	2414

ENSG0000(	0	609.947	-10.483	7.87E-22	7.20E-21	PPP1R1B	chr17	+	37782993	37792879	2879
ENSG0000(	451.2321	611.1881	-0.43681	0.026665	0.051128	KHDRBS3	chr8	+	1.36E+08	1.37E+08	5466
ENSG0000(	885.4815	1152.44	-0.37882	0.012038	0.024882	CHD1L	chr1	+	1.47E+08	1.47E+08	2967
ENSG0000(	352.7608	168.9607	1.0562	4.15E-06	1.39E-05	PEX11B	chr1	+	1.46E+08	1.46E+08	1740
ENSG0000(	17.27323	25.55267	-0.55948	0.20176	0.29039	FMO5	chr1	-	1.47E+08	1.47E+08	2632
ENSG0000(	1599.142	702.3781	1.1851	7.97E-19	6.33E-18	PIAS3	chr1	+	1.46E+08	1.46E+08	2901
ENSG0000(	389.8799	715.6257	-0.87411	2.83E-05	8.61E-05	PRKAB2	chr1	-	1.47E+08	1.47E+08	5417
ENSG0000(	552.1292	731.8476	-0.40465	0.014573	0.029583	RBM8A	chr1	+	1.46E+08	1.46E+08	2827
ENSG0000(	46.68337	114.2796	-1.2873	2.73E-07	1.03E-06	CLUHP3	chr16	+	31711911	31721097	1907
ENSG0000(	1171.349	1319.353	-0.17125	0.10358	0.16622	PDHA1	chrX	+	19362011	19379823	3484
ENSG0000(	1.701545	5.851203	-1.6541	0.099091	0.16021	RAI2	chrX	-	17818169	17879457	2421
ENSG0000(	603.3508	1159.706	-0.94194	1.64E-14	1.05E-13	MCCC2	chr5	+	70883115	70954531	3665
ENSG0000(	156.7576	254.7015	-0.69411	0.005181	0.011512	ZNF304	chr19	+	57862675	57871266	4313
ENSG0000(	57.38588	64.21419	-0.15968	0.6407	0.72778	ZSCAN5A	chr19	-	56732681	56879752	2450
ENSG0000(	11.72158	11.36572	0.053376	0.92556	0.95018	ZNF132	chr19	-	58944181	58951589	3031
ENSG0000(	914.4181	459.1069	0.99206	1.33E-09	6.08E-09	VIMP	chr15	-	1.02E+08	1.02E+08	2444
ENSG0000(	2058.593	1885.003	0.12668	0.23527	0.32913	CHSY1	chr15	-	1.02E+08	1.02E+08	4550
ENSG0000(	895.812	1581.12	-0.81809	6.97E-12	3.73E-11	SNRPA1	chr15	-	1.02E+08	1.02E+08	2440
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	KRT17P1	chr17	-	16744057	16749197	1546
ENSG0000(	2742.54	3539.044	-0.36746	5.51E-05	0.000162	LLGL1	chr17	+	18128901	18148189	6004
ENSG0000(	0	1.029414	-1.1526	0.51496	NA	NR0B2	chr1	-	27237980	27240457	1156
ENSG0000(	0	31987.21	-15.71	2.67E-56	7.13E-55	LIN28A	chr1	+	26737269	26756213	4008
ENSG0000(	105.377	139.6459	-0.40057	0.15126	0.22877	THAP1	chr8	-	42691817	42698468	2161
ENSG0000(	119.1169	636.347	-2.4064	7.27E-30	9.24E-29	RHPN2	chr19	-	33469499	33555794	3793
ENSG0000(	709.3368	259.6323	1.4468	5.39E-28	6.37E-27	C19orf12	chr19	-	30191721	30206364	2464
ENSG0000(	78.9331	90.41521	-0.19569	0.3927	0.4971	C19orf40	chr19	+	33463115	33469128	2298
ENSG0000(	0.653381	15.55709	-4.0884	9.92E-05	0.000283	LRRC9	chr14	+	60386431	60530277	4915
ENSG0000(	586.9184	304.251	0.94533	9.80E-12	5.20E-11	ACTR10	chr14	+	58666798	58701750	1815
ENSG0000(	10.51074	161.4642	-3.9182	2.55E-23	2.50E-22	ABHD12B	chr14	+	51338878	51371688	2863
ENSG0000(	27.06718	214.9424	-2.9829	1.55E-26	1.73E-25	GCH1	chr14	-	55308726	55369570	2943
ENSG0000(	680.3683	55.18902	3.6193	7.52E-89	3.69E-87	LGALS3	chr14	+	55590828	55612126	1729
ENSG0000(	0.36308	0	0.4146	0.81455	NA	UBE2L2	chr12	-	20602589	20603017	429
ENSG0000(	125.3323	8.813227	3.7774	9.97E-25	1.03E-23	PODNL1	chr19	-	14042000	14064204	2744
ENSG0000(	2040.399	1528.173	0.41595	0.010343	0.021679	DNAJB1	chr19	-	14625582	14640582	2264
ENSG0000(	669.3971	2020.329	-1.5917	1.05E-53	2.64E-52	ZSWIM4	chr19	+	13906274	13943044	4339
ENSG0000(	170.3346	211.9026	-0.31403	0.07837	0.13121	FBXW9	chr19	-	12798867	12807457	1803
ENSG0000(	651.0784	544.3462	0.25653	0.21277	0.30333	RFX1	chr19	-	14072350	14117851	4332
ENSG0000(	1.265686	7.227786	-2.2138	0.040811	0.074669	ZNF20	chr19	-	12203658	12251222	3061
ENSG0000(	22.10387	98.65152	-2.1236	2.45E-09	1.09E-08	C19orf57	chr19	-	13993161	14017265	2513
ENSG0000(	1065.722	1665.331	-0.6431	3.40E-10	1.62E-09	DCAF15	chr19	+	14063304	14072254	2271
ENSG0000(	751.6642	849.8276	-0.17733	0.32397	0.42695	CC2D1A	chr19	+	14017014	14041692	3581
ENSG0000(	0.36308	18.13227	-4.946	1.82E-05	5.67E-05	RTBDN	chr19	-	12936292	12946242	2076
ENSG0000(	182.3491	126.3544	0.52583	0.02993	0.056644	MATN3	chr2	-	20191872	20212455	2524
ENSG0000(	207.2851	214.3837	-0.04757	0.773	0.83659	TRIM21	chr11	-	4406127	4414926	1924
ENSG0000(	59.84284	128.8195	-1.0936	3.42E-05	0.000103	SPATA6	chr1	-	48761044	48937845	4973
ENSG0000(	2369.298	1142.983	1.0501	2.65E-16	1.86E-15	LRRC41	chr1	-	46726868	46769280	4455
ENSG0000(	5.632997	56.71282	-3.2559	2.62E-09	1.17E-08	LHX1	chr17	+	35294084	35301917	4121
ENSG0000(	1.669842	0.951736	0.606	0.68558	0.7653	GAS2L2	chr17	-	34071530	34079897	3014
ENSG0000(	6.919221	21.70772	-1.613	0.002998	0.006911	CCT6B	chr17	-	33254878	33308097	3353
ENSG0000(	6595.044	4630.856	0.50977	1.04E-07	4.07E-07	ACACA	chr17	-	35441923	35766909	9962
ENSG0000(	2593.394	3126.102	-0.26927	0.009307	0.019667	DHX30	chr3	+	47844399	47891685	4115
ENSG0000(	1759.782	2081.797	-0.24244	0.021235	0.041668	RAF1	chr3	-	12625100	12705725	3300
ENSG0000(	0	25.08486	-6.2637	5.36E-08	2.14E-07	SLC6A11	chr3	+	10857885	10982419	4296
ENSG0000(	197.1934	3.976869	5.536	3.27E-33	4.71E-32	PPARG	chr3	+	12328867	12475855	2029
ENSG0000(	6.86698	3553.026	-8.9197	9.03E-146	9.80E-144	NUP210	chr3	-	13357737	13461809	7191
ENSG0000(	2.956066	0	3.0292	0.050911	0.090374	FCRLA	chr1	+	1.62E+08	1.62E+08	2903
ENSG0000(	291.871	252.7877	0.20783	0.27365	0.37338	HSD17B7	chr1	+	1.63E+08	1.63E+08	2541
ENSG0000(	393.3391	600.1016	-0.60767	0.00169	0.004049	ENOSF1	chr18	-	672543	712676	4121
ENSG0000(	0	1.638012	-2.1885	0.18912	NA	LINC00470	chr18	-	1254384	1408345	2031
ENSG0000(	71.37265	474.8485	-2.7234	1.51E-50	3.50E-49	EMILIN2	chr18	+	2847028	2915991	5910
ENSG0000(	940.9837	692.3691	0.44168	0.019321	0.038258	ARFIP2	chr11	-	6496910	6502666	2543
ENSG0000(	813.2151	326.5947	1.3118	2.73E-12	1.50E-11	TRIM5	chr11	-	5684425	5959849	3399
ENSG0000(	2.749709	7.235907	-1.3316	0.13213	0.20452	CNGA4	chr11	+	6255995	6265659	1863
ENSG0000(	323.6998	186.9623	0.79235	2.34E-06	8.06E-06	TRIM22	chr11	+	5710919	5758319	2989
ENSG0000(	287.6738	235.8598	0.28527	0.077282	0.12971	RRP8	chr11	-	6616305	6624850	6560

ENSG0000(	460.4322	357.4831	0.36346	0.20553	0.29494	TIMM10B	chr11	+	6502677	6505909	2840
ENSG0000(	1328.773	540.0215	1.2679	0.020414	0.040185	EFR3A	chr8	+	1.33E+08	1.33E+08	5438
ENSG0000(	0	1219.491	-11.429	1.58E-26	1.76E-25	HHLA1	chr8	-	1.33E+08	1.33E+08	4105
ENSG0000(	854.6058	1490.119	-0.80082	6.05E-08	2.40E-07	PTCD3	chr2	+	86333305	86369280	6734
ENSG0000(	1623.591	1632.613	-0.00757	0.95315	0.97083	IMMT	chr2	-	86371055	86422893	3001
ENSG0000(	611.9129	592.1133	0.047687	0.75809	0.82414	MRPL35	chr2	+	86426478	86440917	3727
ENSG0000(	11.22492	67.55594	-2.5632	7.85E-11	3.92E-10	IQCA1	chr2	-	2.37E+08	2.37E+08	3336
ENSG0000(	357.5239	305.021	0.22936	0.26664	0.36533	ILKAP	chr2	-	2.39E+08	2.39E+08	2651
ENSG0000(	109.8524	138.6263	-0.3318	0.13345	0.20611	PER2	chr2	-	2.39E+08	2.39E+08	6385
ENSG0000(	435.5433	9.357843	5.5046	4.47E-62	1.37E-60	RAMP1	chr2	+	2.39E+08	2.39E+08	910
ENSG0000(	62.11308	138.5746	-1.1505	1.33E-05	4.20E-05	SCLY	chr2	+	2.39E+08	2.39E+08	5668
ENSG0000(	336.486	18.94805	4.1145	1.77E-51	4.22E-50	PTPRE	chr10	+	1.3E+08	1.3E+08	5736
ENSG0000(	5406.612	11853.24	-1.1305	9.10E-15	5.88E-14	RAN	chr12	+	1.31E+08	1.31E+08	2661
ENSG0000(	836.176	384.4066	1.1205	3.36E-19	2.72E-18	PRKAA1	chr5	-	40759481	40798476	5088
ENSG0000(	3.495593	3.169208	0.12452	0.90273	0.93273	CARD6	chr5	+	40841286	40860275	4221
ENSG0000(	448.7815	1763.036	-1.9691	1.40E-28	1.70E-27	RAP1GAP2	chr17	+	2680350	2941033	6661
ENSG0000(	1914.568	2678.232	-0.48299	0.004226	0.009508	CLUH	chr17	-	2592680	2615957	5242
ENSG0000(	375.1849	439.2518	-0.22633	0.085608	0.14161	INPP5K	chr17	-	1397865	1420182	3194
ENSG0000(	1943.857	3361.448	-0.78832	1.55E-06	5.44E-06	MYBBP1A	chr17	-	4442192	4458926	4807
ENSG0000(	1910.612	2759.475	-0.52995	1.74E-08	7.26E-08	RPA1	chr17	+	1732996	1803376	4340
ENSG0000(	3363.306	284.216	3.5603	5.09E-158	6.62E-156	SERPINF1	chr17	+	1665253	1680868	1548
ENSG0000(	1210.08	2821.882	-1.2204	1.53E-24	1.58E-23	UBE2G1	chr17	-	4172554	4269923	3974
ENSG0000(	295.1881	247.5609	0.2507	0.12746	0.19841	EEFSEC	chr3	+	1.28E+08	1.28E+08	2228
ENSG0000(	484.2949	646.1611	-0.41548	0.000454	0.001188	TBC1D14	chr4	+	6910969	7034845	4925
ENSG0000(	209.1012	305.8931	-0.54595	0.00033	0.000877	TMEM128	chr4	-	4237269	4249950	1737
ENSG0000(	112.8904	196.1543	-0.79485	0.000115	0.000325	COQ3	chr6	-	99817276	99842080	1335
ENSG0000(	1655.411	2486.285	-0.58606	7.10E-07	2.57E-06	PNISR	chr6	-	99845927	99873207	5112
ENSG0000(	152.8371	22.66355	2.7074	1.73E-14	1.10E-13	POPDC3	chr6	-	1.06E+08	1.06E+08	1345
ENSG0000(	1987.457	991.431	1.0025	1.12E-11	5.93E-11	SEC61G	chr7	-	54819943	54827667	1227
ENSG0000(	311.5104	338.7284	-0.11906	0.73044	0.80107	LANCL2	chr7	+	55433141	55501435	4353
ENSG0000(	130.2818	180.5978	-0.46632	0.055446	0.097314	FIGNL1	chr7	-	50511831	50518088	3700
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	DDC	chr7	-	50526134	50633154	2041
ENSG0000(	2106.321	2401.212	-0.18896	0.051204	0.090812	GRSF1	chr4	-	71681499	71705662	6666
ENSG0000(	0.342542	0	0.4146	0.81455	NA	IGJ	chr4	-	71521258	71547534	1438
ENSG0000(	2774.392	1875.543	0.56459	2.95E-08	1.20E-07	ANKRD17	chr4	-	73939093	74124515	10784
ENSG0000(	709.313	839.8203	-0.24274	0.15061	0.22789	UTP3	chr4	+	71554196	71556267	2072
ENSG0000(	18.49524	318.6053	-4.0523	1.13E-26	1.27E-25	ITGB4	chr17	+	73717408	73753899	5919
ENSG0000(	1950.135	1419.786	0.45726	0.000458	0.001198	WBP2	chr17	-	73841780	73852588	3718
ENSG0000(	9019.634	10730.31	-0.25039	0.002932	0.006768	H3F3B	chr17	-	73772515	73781974	2787
ENSG0000(	813.5663	692.5189	0.23246	0.030246	0.057159	UNK	chr17	+	73780681	73821886	4049
ENSG0000(	189.8033	63.8673	1.5493	6.49E-05	0.000189	TRIM47	chr17	-	73870242	73874656	2266
ENSG0000(	1283.11	1095.81	0.22753	0.21651	0.30773	ZRANB2	chr1	-	71528974	71546980	3677
ENSG0000(	0.36308	2.82607	-2.318	0.11972	0.18847	ANKRD20A	chr9	-	43064966	43133544	3964
ENSG0000(	4652.062	9549.393	-1.0362	4.45E-17	3.28E-16	EIF5A	chr17	+	7210318	7215774	1511
ENSG0000(	1282.319	437.5094	1.542	1.82E-08	7.55E-08	KDM6B	chr17	+	7743222	7758114	6713
ENSG0000(	1.503747	0	1.8221	0.30126	NA	CLEC10A	chr17	-	6977856	6983626	1800
ENSG0000(	0.580602	10.44641	-3.4896	0.003656	0.008314	SLC52A1	chr17	-	4935895	4955304	2989
ENSG0000(	0.290301	12.68086	-4.4858	0.000178	0.000492	GUCY2D	chr17	+	7905912	7923657	3698
ENSG0000(	5.35386	5.118803	0.040111	0.96226	0.97762	GPS2	chr17	-	7214643	7218883	1977
ENSG0000(	6.048317	0.357707	3.4107	0.008943	0.018976	XAF1	chr17	+	6658766	6678966	3623
ENSG0000(	1421.899	614.2237	1.2065	9.52E-09	4.05E-08	DLG4	chr17	-	7093209	7123021	3975
ENSG0000(	134.2741	352.1941	-1.3844	1.48E-13	8.86E-13	HRSP12	chr8	-	99114572	99129469	1057
ENSG0000(	1025.309	269.1865	1.9277	5.14E-38	8.55E-37	VPS13B	chr8	+	1E+08	1.01E+08	14160
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	RGS22	chr8	-	1.01E+08	1.01E+08	4296
ENSG0000(	734.7958	256.6477	1.5142	3.97E-23	3.86E-22	MATN2	chr8	+	98881068	99048944	4109
ENSG0000(	596.201	718.5151	-0.26918	0.12237	0.19203	REEP2	chr5	+	1.38E+08	1.38E+08	2170
ENSG0000(	102.1666	155.9227	-0.61214	0.002734	0.006345	PCBD2	chr5	+	1.34E+08	1.34E+08	5621
ENSG0000(	470.6873	347.5164	0.43758	0.002789	0.006463	SDF2	chr17	-	26975374	26989207	1568
ENSG0000(	2147.25	3338.887	-0.63626	1.52E-08	6.35E-08	FLOT2	chr17	-	27206353	27224697	2756
ENSG0000(	685.6227	1021.46	-0.57385	4.01E-06	1.35E-05	ERAL1	chr17	+	27181956	27188085	1925
ENSG0000(	612.5596	978.1184	-0.67365	5.47E-06	1.81E-05	PRMT7	chr16	+	68344877	68392466	4238
ENSG0000(	510.4837	778.5276	-0.60512	0.020632	0.040574	NIP7	chr16	+	69373333	69377014	2402
ENSG0000(	493.8037	580.0554	-0.23064	0.086263	0.14254	TERF2	chr16	-	69389464	69442474	2983
ENSG0000(	1063.621	1090.499	-0.03596	0.72767	0.79856	VPS4A	chr16	+	69333562	69358949	2329
ENSG0000(	387.8468	243.304	0.67031	1.18E-05	3.74E-05	MTSS1L	chr16	-	70695107	70719969	4992

ENSG0000(	37.54296	174.8103	-2.1959	1.22E-12	6.88E-12	HSPA12B	chr20	+	3713314	3733758	3151
ENSG0000(	7.314004	111.9547	-3.8978	2.95E-22	2.75E-21	ANKEF1	chr20	+	10015689	10037410	3762
ENSG0000(	666.004	285.542	1.2184	2.29E-12	1.27E-11	PCED1A	chr20	-	2815960	2821836	2016
ENSG0000(	14.00552	8.028999	0.78858	0.1988	0.28717	SNAP25	chr20	+	10199478	10288066	2256
ENSG0000(	1221.374	760.0669	0.68321	1.37E-09	6.25E-09	BTBD3	chr20	+	11871371	11907257	5137
ENSG0000(	1982.449	4219.37	-1.0878	2.63E-14	1.65E-13	PCNA	chr20	-	5095599	5107272	1359
ENSG0000(	289.6656	239.3827	0.27433	0.15866	0.23805	NXT1	chr20	+	23331373	23335414	1123
ENSG0000(	195.5317	215.5715	-0.14058	0.55279	0.65214	POLR3F	chr20	+	18447771	18465287	2416
ENSG0000(	1596.368	29.68818	5.7295	1.54E-189	2.94E-187	RIN2	chr20	+	19867165	19983101	4505
ENSG0000(	1246.2	1165.763	0.096371	0.39154	0.49599	PTPRA	chr20	+	2844830	3019722	3725
ENSG0000(	1066.214	991.4817	0.10542	0.40946	0.51441	DAP3	chr1	+	1.56E+08	1.56E+08	2089
ENSG0000(	0.290301	36.89662	-5.9614	3.56E-08	1.44E-07	RHBG	chr1	+	1.56E+08	1.56E+08	2425
ENSG0000(	659.4642	691.4423	-0.06903	0.63551	0.7239	KIAA0907	chr1	-	1.56E+08	1.56E+08	4499
ENSG0000(	0.290301	10.18007	-4.1287	0.001059	0.002615	ATP1A4	chr1	+	1.6E+08	1.6E+08	3916
ENSG0000(	15135.92	8116.986	0.89719	1.35E-08	5.65E-08	NES	chr1	-	1.57E+08	1.57E+08	5558
ENSG0000(	8.298762	75.78649	-3.1478	2.65E-12	1.46E-11	BCAN	chr1	+	1.57E+08	1.57E+08	3461
ENSG0000(	1246.989	1087.631	0.19715	0.051557	0.091361	ARHGEF11	chr1	-	1.57E+08	1.57E+08	6889
ENSG0000(	6.660623	776.7809	-6.7901	4.50E-65	1.48E-63	RAB25	chr1	+	1.56E+08	1.56E+08	1100
ENSG0000(	11.9074	13.97332	-0.22038	0.73743	0.80645	HAPLN2	chr1	+	1.57E+08	1.57E+08	1771
ENSG0000(	479.5666	652.1198	-0.44424	0.001154	0.002835	DCAF8	chr1	-	1.6E+08	1.6E+08	4106
ENSG0000(	825.5028	347.4635	1.2461	5.07E-22	4.67E-21	SYT11	chr1	+	1.56E+08	1.56E+08	5240
ENSG0000(	393.8423	409.9362	-0.05673	0.7138	0.78777	IGHMBP2	chr11	+	68671310	68708070	3961
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	ACY3	chr11	-	67410026	67418130	1300
ENSG0000(	0	12.99889	-5.2899	2.09E-05	6.45E-05	ALDH3B2	chr11	-	67429633	67448671	2649
ENSG0000(	16.02809	952.668	-5.8607	3.66E-79	1.51E-77	MTL5	chr11	-	68474908	68519032	3495
ENSG0000(	180.9303	164.4008	0.13926	0.45099	0.5566	MMACHC	chr1	+	45965725	45976739	2981
ENSG0000(	481.8925	1155.447	-1.258	2.46E-10	1.19E-09	DPH2	chr1	+	44435672	44439041	2472
ENSG0000(	161.0212	198.2011	-0.29363	0.52862	0.63026	TOE1	chr1	+	45805342	45809647	2389
ENSG0000(	3376.044	12715.25	-1.9107	3.23E-50	7.44E-49	NASP	chr1	+	46049518	46084566	3659
ENSG0000(	137.8517	675.8722	-2.2873	4.28E-32	5.92E-31	MUTYH	chr1	-	45794835	45806142	1929
ENSG0000(	721.5238	822.2681	-0.1885	0.085732	0.14175	CTNNBL1	chr20	+	36322408	36500531	2990
ENSG0000(	51.38401	116.3671	-1.1711	0.000175	0.000484	LPIN3	chr20	+	39969560	39989222	4363
ENSG0000(	64.21357	99.51625	-0.62291	0.075651	0.12734	ZSWIM3	chr20	+	44486256	44507761	2773
ENSG0000(	324.1796	1618.011	-2.3139	9.96E-61	2.94E-59	RBM38	chr20	+	55966463	55984389	2382
ENSG0000(	37.0102	27.84224	0.40253	0.39366	0.49809	VSTM2L	chr20	+	36531499	36573752	1959
ENSG0000(	286.6528	429.526	-0.58028	0.001572	0.003779	C20orf111	chr20	-	42825136	42839431	1616
ENSG0000(	1403.539	816.7512	0.78112	6.61E-12	3.54E-11	SERINC3	chr20	-	43124862	43150750	4445
ENSG0000(	239.0241	62.74718	1.9114	1.41E-11	7.41E-11	PPP1R3D	chr20	-	58511894	58515352	3459
ENSG0000(	1.265686	0.357707	1.2256	0.46821	NA	RP11-445H	chr20	-	43285092	43324737	1416
ENSG0000(	6.099745	4.020576	0.57983	0.50363	0.60711	DMGDH	chr5	-	78293438	78531861	3097
ENSG0000(	0.36308	0	0.4146	0.81455	NA	BHMT2	chr5	+	78365540	78385289	2050
ENSG0000(	1748.892	974.7081	0.84324	1.32E-14	8.44E-14	AP3B1	chr5	-	77296349	77590579	5838
ENSG0000(	203.9223	159.7391	0.34983	0.27426	0.37412	ZBED3	chr5	-	76367897	76383148	6172
ENSG0000(	677.9971	995.0239	-0.5524	0.000521	0.00135	INADL	chr1	+	62208149	62629592	8505
ENSG0000(	1689.687	11.29616	7.1527	1.05E-154	1.29E-152	KANK4	chr1	-	62702651	62785085	4665
ENSG0000(	0.705622	1.606458	-0.92508	0.54769	0.64769	ANGPTL3	chr1	+	63063158	63071830	2805
ENSG0000(	0	45.42319	-7.069	3.17E-10	1.52E-09	SYT4	chr18	-	40847843	40857615	4110
ENSG0000(	4.648238	5.113098	-0.11991	0.89596	0.92783	SLC14A2	chr18	+	42792960	43263072	4167
ENSG0000(	180.8643	345.2225	-0.92873	3.54E-08	1.44E-07	FBXO44	chr1	+	11714432	11723384	3320
ENSG0000(	123.5307	84.53258	0.54198	0.045776	0.082366	RSG1	chr1	-	16558195	16563657	1545
ENSG0000(	130.6296	188.343	-0.52758	0.004944	0.011018	CASP9	chr1	-	15817327	15853029	4463
ENSG0000(	0.653381	1.188058	-0.59047	0.72606	NA	NMUR2	chr5	-	1.52E+08	1.52E+08	2073
ENSG0000(	1105.641	877.3745	0.33405	0.003659	0.008319	DCTN4	chr5	-	1.5E+08	1.5E+08	4208
ENSG0000(	0.290301	3.085825	-2.4469	0.097936	0.15859	PDE6A	chr5	-	1.49E+08	1.49E+08	5706
ENSG0000(	29.51299	87.4887	-1.5465	1.66E-06	5.81E-06	ATP8A2	chr13	+	25946209	26599989	9575
ENSG0000(	3.475055	8.547767	-1.2029	0.14353	0.21849	MTUS2	chr13	+	29598748	30077892	4747
ENSG0000(	187.2996	158.2121	0.24547	0.16214	0.24245	ZMYM5	chr13	-	20397622	20437776	3268
ENSG0000(	234.5489	212.9124	0.13736	0.41191	0.51673	USPL1	chr13	+	31191830	31233686	3814
ENSG0000(	783.0267	1043.396	-0.41296	0.008901	0.018895	XPO4	chr13	-	21351469	21477187	9884
ENSG0000(	0.36308	0	0.4146	0.81455	NA	TPTE2	chr13	-	19997017	20110903	1793
ENSG0000(	1683.527	1313.874	0.35711	0.070846	0.12043	POMP	chr13	+	29233241	29253062	1428
ENSG0000(	425.4983	435.8464	-0.03511	0.89749	0.9289	CDK8	chr13	+	26828276	26979375	3055
ENSG0000(	1.628766	0	2.1781	0.19145	NA	ALOX5AP	chr13	+	31309645	31338556	897
ENSG0000(	183.7255	254.9947	-0.47081	0.017277	0.034578	HMGB1P5	chr3	+	22423310	22424420	985
ENSG0000(	488.5971	695.9894	-0.51005	0.000199	0.000545	WASF3	chr13	+	27131840	27263085	4805

ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	RNF17	chr13	+	25338290	25454059	5119
ENSG0000(	0	2.24661	-2.6365	0.10117	0.16301	GPR12	chr13	-	27329341	27334922	4846
ENSG0000(	39.61517	124.2543	-1.6304	1.38E-07	5.34E-07	CHRM3	chr1	+	2.4E+08	2.4E+08	8778
ENSG0000(	0.36308	0	0.4146	0.81455	NA	MYH8	chr17	-	10293639	10325267	6041
ENSG0000(	7015.018	6895.417	0.02483	0.77774	0.8403	MYH10	chr17	-	8377523	8534079	7762
ENSG0000(	259.0278	281.628	-0.11903	0.446	0.55143	PEMT	chr17	-	17408877	17495022	1050
ENSG0000(	333.6749	584.4629	-0.80556	3.09E-06	1.05E-05	SCO1	chr17	-	10583654	10601692	1749
ENSG0000(	6864.175	3705.818	0.88846	1.45E-18	1.14E-17	MPRIP	chr17	+	16945859	17120993	10960
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	CHI3L1	chr1	-	2.03E+08	2.03E+08	1920
ENSG0000(	480.2666	657.6318	-0.45256	7.96E-05	0.00023	PIK3C2B	chr1	-	2.04E+08	2.04E+08	7686
ENSG0000(	655.253	512.7296	0.35358	0.044617	0.080517	DSTYK	chr1	-	2.05E+08	2.05E+08	7874
ENSG0000(	0.36308	0.951736	-0.91212	0.59701	NA	CHIT1	chr1	-	2.03E+08	2.03E+08	5607
ENSG0000(	857.3223	661.2491	0.37369	0.023967	0.046441	SLC41A1	chr1	-	2.06E+08	2.06E+08	4997
ENSG0000(	5.975539	25.58348	-2.053	0.000386	0.001017	LGR6	chr1	+	2.02E+08	2.02E+08	3567
ENSG0000(	195.3802	377.9807	-0.94826	9.74E-06	3.13E-05	TMCC2	chr1	+	2.05E+08	2.05E+08	3738
ENSG0000(	240.403	626.6492	-1.3789	1.37E-21	1.24E-20	DCLK1	chr13	-	36345478	36705443	5703
ENSG0000(	528.9658	70.80513	2.8952	2.33E-35	3.58E-34	CCNA1	chr13	+	37005967	37017019	1962
ENSG0000(	791.8662	207.9102	1.9261	1.83E-40	3.25E-39	COG6	chr13	+	40229764	40365802	5257
ENSG0000(	1456.849	1304.197	0.15957	0.20073	0.28947	SPG20	chr13	-	36875775	36944317	4944
ENSG0000(	28.65227	22.75083	0.3318	0.45255	0.55803	EPSTI1	chr13	-	43460524	43566407	4603
ENSG0000(	24.47078	19.51368	0.33292	0.4539	0.5593	TRPC4	chr13	-	38210773	38444562	4059
ENSG0000(	79698.69	11.1682	11.727	6.86E-34	1.01E-32	POSTN	chr13	-	38136720	38172981	3373
ENSG0000(	204.2285	144.1825	0.49772	0.035816	0.066542	RFXAP	chr13	+	37393361	37403241	2304
ENSG0000(	22641.01	14967.77	0.59646	6.71E-07	2.43E-06	TPT1	chr13	-	45911008	45915505	1851
ENSG0000(	486.4925	385.4617	0.33304	0.054044	0.095188	KIAA1704	chr13	+	45563687	45607746	4294
ENSG0000(	25.29286	0.343138	5.4354	8.24E-07	2.96E-06	KL	chr13	+	33590207	33640282	5006
ENSG0000(	336.5635	698.653	-1.0475	3.36E-05	0.000101	RFC3	chr13	+	34392186	34540695	2402
ENSG0000(	1605.241	46.82333	5.0943	7.85E-154	9.45E-152	STARD13	chr13	-	33677272	33924767	5917
ENSG0000(	7.158095	106.4878	-3.8774	6.83E-21	5.98E-20	IRS4	chrX	-	1.08E+08	1.08E+08	3940
ENSG0000(	570.3604	90.81079	2.6485	1.38E-40	2.47E-39	MORC4	chrX	-	1.06E+08	1.06E+08	3834
ENSG0000(	14.75042	206.1449	-3.7715	3.62E-33	5.20E-32	BEX2	chrX	-	1.03E+08	1.03E+08	1077
ENSG0000(	25.9257	10.32985	1.283	0.011037	0.022981	RNF128	chrX	+	1.06E+08	1.06E+08	2817
ENSG0000(	458.401	68.70581	2.7364	2.22E-49	4.98E-48	TBC1D8B	chrX	+	1.06E+08	1.06E+08	5717
ENSG0000(	1209.739	760.3636	0.66994	8.41E-11	4.18E-10	TCEAL4	chrX	+	1.03E+08	1.03E+08	1571
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	TEX13A	chrX	-	1.04E+08	1.04E+08	1379
ENSG0000(	162.5779	324.7728	-0.99485	1.38E-07	5.31E-07	BEX1	chrX	-	1.02E+08	1.02E+08	864
ENSG0000(	277.2736	295.1627	-0.09131	0.53202	0.63323	FAM104A	chr17	-	71203492	71232892	2865
ENSG0000(	485.3938	212.8475	1.1873	6.38E-12	3.42E-11	SLC39A11	chr17	-	70642088	71088851	2752
ENSG0000(	1354.446	531.7664	1.3477	3.64E-36	5.72E-35	EPHB2	chr1	+	23037332	23241818	4641
ENSG0000(	2142.432	3818.528	-0.8331	7.97E-15	5.17E-14	SRRM1	chr1	+	24958207	24999758	4011
ENSG0000(	2214.953	2387.268	-0.1078	0.60711	0.70004	BTBD2	chr19	-	1985447	2034880	2753
ENSG0000(	2.935529	8.542934	-1.4294	0.11656	0.18426	PRAM1	chr19	-	8554940	8567996	2667
ENSG0000(	178.705	558.1691	-1.6315	3.51E-08	1.42E-07	SUV420H2	chr19	+	55851221	55859488	2308
ENSG0000(	195.9684	346.5642	-0.81938	7.43E-08	2.93E-07	ZNF414	chr19	-	8575462	8579048	1400
ENSG0000(	1.722083	114.9305	-5.8946	1.79E-19	1.47E-18	PDE6B	chr4	+	619373	664571	3280
ENSG0000(	1162.441	1594.817	-0.45528	0.000191	0.000525	HSPBP1	chr19	-	55773599	55791749	1768
ENSG0000(	4532.471	3897.914	0.21723	0.094062	0.15346	CSNK1G2	chr19	+	1941188	1981337	2878
ENSG0000(	283.7895	236.1534	0.26694	0.20739	0.29715	ANKRD32	chr5	+	93954052	94075141	5905
ENSG0000(	1771.722	3462.351	-0.96514	5.29E-13	3.07E-12	CNDP2	chr18	+	72163051	72188366	4523
ENSG0000(	275.0051	462.0453	-0.74427	0.013868	0.028303	MACROD1	chr11	-	63766030	63933578	1205
ENSG0000(	376.0422	884.0486	-1.2309	1.24E-16	8.88E-16	WDR74	chr11	-	62599814	62609281	1736
ENSG0000(	0	5.782389	-4.0736	0.003307	0.007576	LGALS12	chr11	+	63273556	63284246	1816
ENSG0000(	1685.204	3422.615	-1.0214	1.62E-20	1.39E-19	RTN3	chr11	+	63448918	63527363	4937
ENSG0000(	0	6.734125	-4.3392	0.00115	0.002827	RARRES3	chr11	+	63304281	63313934	938
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	HRASLS2	chr11	-	63320242	63330855	742
ENSG0000(	58.06419	34.96321	0.71924	0.050598	0.089868	MYH11	chr16	-	15796992	15950890	6921
ENSG0000(	402.6701	536.7873	-0.41323	0.002661	0.006186	FOPNL	chr16	-	15959577	15982482	2275
ENSG0000(	495.7133	248.5219	0.99415	8.21E-07	2.95E-06	MED10	chr5	-	6371994	6378707	1141
ENSG0000(	845.0467	301.9157	1.481	3.80E-20	3.22E-19	PDZD2	chr5	+	31639517	32111037	11704
ENSG0000(	923.6522	1058.911	-0.19721	0.051075	0.090624	MORC2	chr22	-	31322596	31364284	4469
ENSG0000(	367.6562	1660.504	-2.1705	3.54E-37	5.77E-36	LARGE	chr22	-	33668847	34318829	4409
ENSG0000(	0	1.591889	-2.1342	0.20414	NA	GSTT2B	chr22	-	24299601	24303373	1099
ENSG0000(	0.580602	12.26246	-3.7906	0.000498	0.001295	MYO18B	chr22	+	26138111	26427007	8565
ENSG0000(	127.7859	193.4475	-0.59637	0.005883	0.012916	SLC2A11	chr22	+	24198890	24228496	3219
ENSG0000(	790.4385	193.8466	2.017	3.51E-17	2.59E-16	C1QTNF6	chr22	-	37576207	37595425	5003

ENSG0000(	3.495593	877.033	-7.7971	4.62E-70	1.66E-68	FAM83F	chr22	+	40390953	40426043	2071
ENSG0000(	0.580602	5.474094	-2.4902	0.082256	0.13681	SEC14L4	chr22	-	30884900	30901698	2575
ENSG0000(	8.153204	12.34659	-0.57219	0.34414	0.44811	ZDHHC8P1	chr22	-	23732793	23744913	2382
ENSG0000(	1.233984	0.594029	0.68982	0.67984	NA	GIMAP6	chr7	-	1.5E+08	1.5E+08	3440
ENSG0000(	3.713929	3.855484	-0.07258	0.94071	0.96125	GIMAP4	chr7	+	1.5E+08	1.5E+08	2058
ENSG0000(	271.9628	244.3141	0.15405	0.45031	0.55595	ADCK2	chr7	+	1.4E+08	1.4E+08	2377
ENSG0000(	1308.709	2701.349	-1.0446	4.04E-19	3.25E-18	MKRN1	chr7	-	1.4E+08	1.4E+08	3467
ENSG0000(	2181.671	2137.715	0.029099	0.88636	0.92058	AGAP3	chr7	+	1.51E+08	1.51E+08	3751
ENSG0000(	358.6911	305.2855	0.22991	0.14029	0.21421	KRBA1	chr7	+	1.49E+08	1.49E+08	4019
ENSG0000(	201.4831	116.3467	0.78669	0.000321	0.000856	ZNF767	chr7	-	1.49E+08	1.49E+08	3520
ENSG0000(	164.5649	499.2577	-1.5967	1.64E-24	1.69E-23	ACTR3B	chr7	+	1.52E+08	1.53E+08	5543
ENSG0000(	32.83115	292.5631	-3.1184	1.64E-16	1.16E-15	NTS	chr12	+	86268073	86276770	1237
ENSG0000(	648.9123	387.0613	0.74301	2.51E-06	8.61E-06	BTG1	chr12	-	92536286	92539673	2448
ENSG0000(	38.38298	12.26804	1.6213	0.002879	0.006656	LRRIQ1	chr12	+	85430092	85657002	5394
ENSG0000(	282.0862	149.7268	0.90984	3.75E-08	1.52E-07	C12orf29	chr12	+	88427623	88443937	3079
ENSG0000(	966.5327	1428.025	-0.56283	2.88E-07	1.08E-06	ATP13A3	chr3	-	1.94E+08	1.94E+08	7720
ENSG0000(	0.290301	1.294874	-1.3421	0.40775	NA	SFTPD	chr10	-	81697496	81742927	1281
ENSG0000(	0	30.737	-6.558	6.89E-09	2.96E-08	DYDC2	chr10	+	82104501	82127829	2254
ENSG0000(	212.4332	324.5075	-0.60812	0.000108	0.000308	TMEM254	chr10	+	81838402	81852313	2074
ENSG0000(	331.3567	358.9933	-0.11392	0.40193	0.50666	TMTC1	chr12	-	29653773	29937692	8805
ENSG0000(	1033.563	1415.873	-0.45333	0.004419	0.00992	KRAS	chr12	-	25357723	25403870	5765
ENSG0000(	829.1063	1054.198	-0.34662	0.003382	0.007736	IPO8	chr12	-	30781922	30848920	5325
ENSG0000(	2186.619	4371.68	-0.99867	1.40E-27	1.63E-26	LARS	chr5	-	1.45E+08	1.46E+08	4766
ENSG0000(	21.86744	137.4798	-2.6351	2.25E-16	1.59E-15	SPINK5	chr5	+	1.47E+08	1.48E+08	3656
ENSG0000(	266.703	184.8223	0.52973	0.028643	0.054486	IMPA1	chr8	-	82570196	82598928	2690
ENSG0000(	202.5749	202.9262	-0.00089	0.99681	0.99826	LRRCC1	chr8	+	86019382	86058311	4493
ENSG0000(	188.9707	340.9175	-0.84864	1.73E-05	5.40E-05	E2F5	chr8	+	86089460	86129387	5036
ENSG0000(	0.943682	0	1.2438	0.48556	NA	CA1	chr8	-	86239837	86291243	2785
ENSG0000(	272.4591	427.1734	-0.6461	0.003792	0.008596	CCDC59	chr12	-	82617460	82752584	2101
ENSG0000(	1130.306	786.6627	0.52215	1.98E-06	6.89E-06	SWAP70	chr11	+	9685624	9774538	4882
ENSG0000(	112.4633	88.73328	0.34176	0.27058	0.36971	ARNTL	chr11	+	13298199	13408813	3862
ENSG0000(	28.0288	4.071532	2.6255	0.001905	0.004522	LYVE1	chr11	-	10578513	10633236	3273
ENSG0000(	39.10995	78.91757	-1.0063	0.000269	0.000725	AMPD3	chr11	+	10329860	10529126	3994
ENSG0000(	91.0744	2.324288	5.147	8.24E-19	6.53E-18	MICALCL	chr11	+	12297627	12380691	3044
ENSG0000(	566.936	491.3513	0.20509	0.26897	0.36791	SBF2	chr11	-	9800214	10315754	7439
ENSG0000(	4423.952	27.03841	7.1684	4.51E-37	7.33E-36	MICAL2	chr11	+	12115543	12285334	6307
ENSG0000(	318.378	2556.834	-3.003	3.89E-157	4.95E-155	RRAS2	chr11	-	14299472	14386052	2358
ENSG0000(	1604.494	3821.369	-1.251	3.41E-34	5.07E-33	HSD17B4	chr5	+	1.19E+08	1.19E+08	5540
ENSG0000(	836.1413	423.3141	0.97768	2.04E-05	6.31E-05	ZFC3H1	chr12	-	72003252	72061505	7597
ENSG0000(	22.7804	94.04935	-2.002	3.02E-05	9.16E-05	TEX15	chr8	-	30689060	30748122	10187
ENSG0000(	2393.126	1380.698	0.79334	3.82E-16	2.66E-15	TMEM66	chr8	-	29920528	29940723	2154
ENSG0000(	216.0213	489.1595	-1.1716	3.54E-05	0.000106	RNF122	chr8	-	33405273	33424643	1868
ENSG0000(	0.705622	41.93608	-5.5104	1.53E-09	6.96E-09	DUSP26	chr8	-	33448856	33457624	1829
ENSG0000(	1477.21	1798.696	-0.28349	0.042282	0.076953	DPF2	chr11	+	65101225	65120720	4840
ENSG0000(	1187.264	1454.535	-0.29267	0.026454	0.05077	MEN1	chr11	-	64570982	64578766	3162
ENSG0000(	1091.016	897.127	0.28218	0.066732	0.11435	C14orf1	chr14	-	76116134	76127532	2633
ENSG0000(	4.408386	14.71055	-1.677	0.026232	0.050369	GSC	chr14	-	95234553	95236562	1259
ENSG0000(	175.3579	315.5721	-0.84514	9.94E-07	3.55E-06	C14orf159	chr14	+	91526677	91691976	3075
ENSG0000(	6.575865	74.79165	-3.392	1.68E-10	8.20E-10	UNC79	chr14	+	93799565	94174222	9100
ENSG0000(	998.1371	636.0611	0.64886	2.90E-05	8.81E-05	NUMB	chr14	-	73741815	73930348	5172
ENSG0000(	0.290301	5.194065	-3.2256	0.016315	0.032809	CATSPERB	chr14	-	92047040	92247051	3623
ENSG0000(	0	5425.384	-13.368	5.02E-37	8.13E-36	VRTN	chr14	+	74769772	74826711	3466
ENSG0000(	53.9118	67.3883	-0.31715	0.24758	0.34367	COX16	chr14	-	70791798	70826448	1717
ENSG0000(	73.74713	1260.247	-4.0838	4.29E-101	2.48E-99	TTC9	chr14	+	71108504	71142077	5217
ENSG0000(	268.746	289.1767	-0.10479	0.6308	0.72011	MED6	chr14	-	71047974	71067384	1995
ENSG0000(	1304.433	1185.108	0.13838	0.42467	0.53002	EIF2S1	chr14	+	67826714	67853233	4485
ENSG0000(	0.290301	1.416259	-1.3215	0.43596	NA	ADAM20	chr14	-	70989075	71001732	2795
ENSG0000(	14946.69	1022.566	3.8662	0	0	LOXL2	chr8	-	23154702	23282841	3549
ENSG0000(	589.527	629.4684	-0.09427	0.39889	0.50353	ELP3	chr8	+	27947190	28048673	3452
ENSG0000(	2.229907	1.012429	0.96118	0.47649	0.58104	PEBP4	chr8	-	22570769	22857513	890
ENSG0000(	1374.034	458.1887	1.5824	3.70E-44	7.25E-43	CTIF	chr18	+	46065417	46389588	5750
ENSG0000(	0	6.244496	-4.1148	0.003631	0.008264	MRO	chr18	-	48324574	48351772	2129
ENSG0000(	497.0134	410.4729	0.27453	0.089988	0.14775	MBD2	chr18	-	51679079	51751158	4080
ENSG0000(	302.3051	104.6837	1.5303	4.85E-14	2.98E-13	IER3IP1	chr18	-	44681413	44702745	1481
ENSG0000(	232.2128	224.0677	0.048768	0.76588	0.83062	MRPS36	chr5	+	68513587	68525956	1286

ENSG0000(	2094.726	4062.859	-0.95457	2.42E-19	1.97E-18	CCNB1	chr5	+	68462837	68474072	2169
ENSG0000(	348.0107	773.2447	-1.149	2.58E-16	1.81E-15	CDK7	chr5	+	68530668	68573250	1455
ENSG0000(	1.016461	0.715414	0.34797	0.83671	NA	CD180	chr5	-	66478103	66492627	2726
ENSG0000(	48.83014	42.9712	0.1743	0.61897	0.7101	IRAK2	chr3	+	10206549	10285427	3483
ENSG0000(	23.06393	8.585026	1.3634	0.026578	0.050976	CAMK1	chr3	-	9799026	9811676	1488
ENSG0000(	401.8093	612.37	-0.606	2.58E-05	7.89E-05	THUMPD3	chr3	+	9404526	9428475	3961
ENSG0000(	1254.34	1080.588	0.21444	0.12688	0.19772	VHL	chr3	+	10182692	10193904	3737
ENSG0000(	3324.221	105.298	4.9749	2.68E-211	6.54E-209	BHLHE40	chr3	+	5020801	5027008	3473
ENSG0000(	927.3788	562.7747	0.71926	5.12E-05	0.000151	ARL8B	chr3	+	5163905	5222596	3005
ENSG0000(	1941.705	375.6797	2.3627	1.43E-36	2.28E-35	EDEM1	chr3	+	5229331	5261642	6146
ENSG0000(	0.975385	0	1.2767	0.47406	NA	CNTN6	chr3	+	1134260	1445901	4513
ENSG0000(	0	2.771825	-2.8976	0.066963	0.11472	CHL1	chr3	+	238279	451090	8013
ENSG0000(	398.1918	10.7935	4.9521	1.22E-10	5.97E-10	MEIS2	chr15	-	37181409	37393504	4818
ENSG0000(	14.52353	159.1291	-3.4321	2.06E-30	2.67E-29	ATPBD4	chr15	-	35509546	35838394	3438
ENSG0000(	513.0307	294.4504	0.79892	7.02E-09	3.01E-08	KATNBL1	chr15	-	34432875	34502297	2723
ENSG0000(	685.3206	429.4071	0.6742	2.30E-05	7.07E-05	EMC7	chr15	-	34376218	34394149	1155
ENSG0000(	0	9.200072	-4.8135	0.000163	0.000452	TRPM1	chr15	-	31293264	31453476	5715
ENSG0000(	32.27288	20.82963	0.61487	0.15222	0.22988	GNAT2	chr1	-	1.1E+08	1.1E+08	1339
ENSG0000(	0	42.22739	-6.9929	3.68E-10	1.75E-09	GSTM1	chr1	+	1.1E+08	1.1E+08	1161
ENSG0000(	979.5814	1379.398	-0.49287	0.000725	0.001837	PRPF38B	chr1	+	1.09E+08	1.09E+08	3728
ENSG0000(	174.4729	130.7917	0.41609	0.038264	0.070574	TSPAN2	chr1	-	1.16E+08	1.16E+08	3177
ENSG0000(	0.36308	0	0.4146	0.81455	NA	TSHB	chr1	+	1.16E+08	1.16E+08	578
ENSG0000(	0	2.589748	-2.8794	0.06476	0.11148	GSTM5	chr1	+	1.1E+08	1.1E+08	4370
ENSG0000(	554.7245	17.02189	5.0121	1.50E-87	7.17E-86	GSTM3	chr1	-	1.1E+08	1.1E+08	4128
ENSG0000(	164.3088	1150.664	-2.7987	5.69E-74	2.18E-72	SYT6	chr1	-	1.15E+08	1.15E+08	4453
ENSG0000(	111.7368	241.3372	-1.1095	4.40E-08	1.77E-07	VAV3	chr1	-	1.08E+08	1.09E+08	4990
ENSG0000(	454.6304	1166.54	-1.3567	1.94E-26	2.14E-25	PSRC1	chr1	-	1.1E+08	1.1E+08	1870
ENSG0000(	0.580602	0	0.8036	0.6494	NA	HMGCS2	chr1	-	1.2E+08	1.2E+08	2428
ENSG0000(	6.099745	0	4.1772	0.002224	0.00522	PTPN22	chr1	-	1.14E+08	1.14E+08	3654
ENSG0000(	1669.778	1354.005	0.30212	0.010247	0.021495	SORT1	chr1	-	1.1E+08	1.1E+08	7028
ENSG0000(	16.06916	7.31929	1.0714	0.098917	0.15999	WNT2B	chr1	+	1.13E+08	1.13E+08	3818
ENSG0000(	10927.32	1217.461	3.1637	7.32E-228	2.15E-225	PTGFRN	chr1	+	1.17E+08	1.18E+08	6178
ENSG0000(	338.8072	278.3673	0.28238	0.068531	0.11696	LAMTOR5	chr1	-	1.11E+08	1.11E+08	1830
ENSG0000(	0.36308	0	0.4146	0.81455	NA	ADAM30	chr1	-	1.2E+08	1.2E+08	2963
ENSG0000(	5367.22	1654.245	1.6961	2.59E-41	4.71E-40	NOTCH2	chr1	-	1.2E+08	1.21E+08	11389
ENSG0000(	116.5102	174.8797	-0.58587	0.002808	0.006503	TRIM45	chr1	-	1.18E+08	1.18E+08	3515
ENSG0000(	320.7298	326.5578	-0.02752	0.86014	0.90193	CEPT1	chr1	+	1.12E+08	1.12E+08	5300
ENSG0000(	37.09919	16.10009	1.1764	0.011507	0.023873	CD101	chr1	+	1.18E+08	1.18E+08	3547
ENSG0000(	0	2.414118	-2.7105	0.090717	0.14874	VTCN1	chr1	-	1.18E+08	1.18E+08	2612
ENSG0000(	78.22072	10.28776	2.8919	6.23E-13	3.59E-12	NGF	chr1	-	1.16E+08	1.16E+08	1047
ENSG0000(	265.8227	91.83132	1.5207	1.19E-06	4.22E-06	AP4B1	chr1	-	1.14E+08	1.14E+08	2818
ENSG0000(	539.426	364.0346	0.56492	2.01E-05	6.22E-05	NAPG	chr18	+	10525902	10552758	3860
ENSG0000(	600.402	317.921	0.91382	3.55E-10	1.69E-09	SPIRE1	chr18	-	12446511	12658133	5665
ENSG0000(	884.4212	779.1527	0.18321	0.13259	0.20503	PPHLN1	chr12	+	42632249	42853517	5975
ENSG0000(	864.3156	353.3443	1.2893	1.55E-27	1.80E-26	FKBP11	chr12	-	49315301	49320257	4957
ENSG0000(	3801.018	4011.93	-0.07775	0.56297	0.66106	ARF3	chr12	-	49297286	49351334	4105
ENSG0000(	591.1744	364.2434	0.69685	0.000198	0.000543	TMEM106(	chr12	+	48357352	48362661	1515
ENSG0000(	3938.602	4455.487	-0.17748	0.26742	0.36617	SLC38A2	chr12	-	46751972	46766650	4888
ENSG0000(	114.0303	160.9057	-0.49735	0.011695	0.024216	PLEKHA8P1	chr12	-	45566847	45609824	1839
ENSG0000(	6152.456	7553.807	-0.29571	0.007242	0.015622	YWHAQ	chr2	-	9724101	9771143	2216
ENSG0000(	1841.931	835.0629	1.1409	2.87E-23	2.81E-22	KIDINS220	chr2	-	8865408	8977760	7361
ENSG0000(	3.22583	64.54538	-4.1939	5.33E-14	3.27E-13	GRHL1	chr2	+	10085341	10142411	5400
ENSG0000(	2111.685	538.2077	1.9699	9.17E-40	1.60E-38	ROCK2	chr2	-	11319887	11488456	8292
ENSG0000(	11.63168	1.043983	3.1673	0.002397	0.005599	RSAD2	chr2	+	7005937	7038370	3519
ENSG0000(	1.379541	1567.767	-9.8393	4.95E-54	1.26E-52	MYCN	chr2	+	16080686	16087129	2602
ENSG0000(	2334.316	383.4826	2.6031	1.09E-102	6.50E-101	LPIN1	chr2	+	11817721	11967535	5432
ENSG0000(	23.72831	11.76955	0.98704	0.070402	0.11976	CMPK2	chr2	-	6980701	7006766	2884
ENSG0000(	366.402	155.0454	1.2402	1.12E-11	5.90E-11	IAH1	chr2	+	9613787	9636672	2793
ENSG0000(	9616.389	10865.23	-0.17551	0.39324	0.49766	LDHA	chr11	+	18415935	18429972	2416
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	SAA2	chr11	-	18260770	18270190	1022
ENSG0000(	3.10081	1.684135	0.79519	0.50477	0.60815	ANO3	chr11	+	26210829	26684835	6642
ENSG0000(	924.9686	56.63838	4.0283	1.27E-100	7.27E-99	IL6ST	chr5	-	55230923	55290821	9057
ENSG0000(	551.884	307.7009	0.83423	0.023111	0.04499	FST	chr5	+	52776239	52782964	2538
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CFHR4	chr1	+	1.97E+08	1.97E+08	2178
ENSG0000(	3942.777	1698.621	1.213	6.79E-26	7.38E-25	NAV1	chr1	+	2.02E+08	2.02E+08	13091

ENSG0000(	889.1016	715.9453	0.31261	0.075067	0.12658	CDC73	chr1	+	1.93E+08	1.93E+08	4969
ENSG0000(	1364.089	726.1076	0.90764	1.12E-06	3.97E-06	TIMM17A	chr1	+	2.02E+08	2.02E+08	2523
ENSG0000(	0.995923	0.343138	1.0212	0.53809	NA	CRB1	chr1	+	1.97E+08	1.97E+08	9023
ENSG0000(	3.008307	28.89267	-3.1514	4.20E-06	1.41E-05	ERN2	chr16	-	23701647	23724821	3549
ENSG0000(	315.1687	668.7181	-1.0832	5.45E-12	2.93E-11	RPS15A	chr16	-	18792617	18801705	3828
ENSG0000(	0	2.66501	-2.877	0.067583	0.11559	RAX	chr18	-	56934267	56941318	3197
ENSG0000(	2066.775	3227.989	-0.6422	8.96E-07	3.21E-06	NARS	chr18	-	55267888	55289445	3099
ENSG0000(	1.016461	0	1.3167	0.46021	NA	GRP	chr18	+	56887400	56898006	848
ENSG0000(	402.0468	366.5361	0.13392	0.55452	0.65384	KIAA1468	chr18	+	59854491	59974355	5579
ENSG0000(	1476.028	756.3362	0.9633	3.56E-15	2.35E-14	FBXO18	chr10	+	5931535	5979556	3702
ENSG0000(	1049.218	1779.355	-0.76137	1.76E-11	9.17E-11	RBM17	chr10	+	6130950	6159420	3751
ENSG0000(	0	4.288452	-3.6677	0.010057	0.021136	IL2RA	chr10	-	6052652	6104288	3176
ENSG0000(	106.4971	180.7844	-0.76114	0.000246	0.000665	ANKRD16	chr10	-	5903580	5931869	2738
ENSG0000(	38.81011	326.7736	-3.048	2.60E-17	1.93E-16	ECHDC3	chr10	+	11784365	11806069	1767
ENSG0000(	2.31385	40.28269	-3.9417	5.66E-08	2.25E-07	IL15RA	chr10	-	5990855	6020150	1705
ENSG0000(	377.3514	320.3372	0.23807	0.11867	0.18716	CCNH	chr5	-	86687311	86708836	2391
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	HRH4	chr18	+	22040593	22059921	3668
ENSG0000(	259.3082	148.1309	0.80201	4.97E-06	1.65E-05	TMEM241	chr18	-	20777108	21017925	2941
ENSG0000(	288.7245	441.7886	-0.61185	0.008736	0.018573	KCTD1	chr18	-	24034874	24237365	4590
ENSG0000(	833.3971	582.7846	0.51508	0.003287	0.007534	CABLES1	chr18	+	20714528	20840431	5002
ENSG0000(	72.96017	67.02335	0.11986	0.62398	0.7143	DOCK2	chr5	+	1.69E+08	1.7E+08	6097
ENSG0000(	13712.74	13.11383	9.9701	0	0	EMP1	chr12	+	13349650	13369708	2756
ENSG0000(	157.1264	26.82727	2.5464	6.17E-20	5.18E-19	SOX5	chr12	-	23682440	24103966	6969
ENSG0000(	99.04855	3.742963	4.6428	6.21E-18	4.75E-17	RERG	chr12	-	15260717	15501609	2264
ENSG0000(	0	5.033005	-3.8413	0.007252	0.015639	SLCO1B1	chr12	+	21284136	21392180	2229
ENSG0000(	0.36308	0.594029	-0.39069	0.82661	NA	KLRD1	chr12	+	10378657	10469850	3261
ENSG0000(	2.375464	10.26346	-1.9952	0.022598	0.044075	C12orf39	chr12	+	21679241	21690311	1845
ENSG0000(	2.282147	2.399549	-0.04351	0.969	0.98264	PRH2	chr12	+	11081835	11084940	673
ENSG0000(	412.6911	1327.141	-1.6832	1.19E-36	1.91E-35	LRP4	chr11	-	46878419	46940193	8076
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	MYBPC3	chr11	-	47352957	47374253	4217
ENSG0000(	423.5015	1177.351	-1.4643	2.12E-06	7.35E-06	DDB2	chr11	+	47236493	47260767	1846
ENSG0000(	491.726	256.919	0.93599	1.13E-06	4.03E-06	ACP2	chr11	-	47260853	47270457	2203
ENSG0000(	0	1.280305	-1.6305	0.35731	NA	USP26	chrX	-	1.32E+08	1.32E+08	3665
ENSG0000(	4396.463	1130.607	1.9577	1.39E-81	5.96E-80	FAM127A	chrX	+	1.34E+08	1.34E+08	1236
ENSG0000(	35.15617	47.26771	-0.42102	0.29457	0.39664	RAB33A	chrX	+	1.29E+08	1.29E+08	1258
ENSG0000(	0	826.2366	-10.93	1.75E-24	1.80E-23	SOX3	chrX	-	1.4E+08	1.4E+08	2074
ENSG0000(	320.2753	422.6712	-0.40126	0.010215	0.021434	RBMX2	chrX	+	1.3E+08	1.3E+08	1528
ENSG0000(	480.3385	1617.24	-1.7488	4.26E-56	1.13E-54	MST4	chrX	+	1.31E+08	1.31E+08	3288
ENSG0000(	20.37746	4.510205	2.0678	0.002551	0.005942	PIWIL4	chr11	+	94277006	94354587	3759
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	MTNR1B	chr11	+	92702886	92718232	1565
ENSG0000(	2141.079	1935.494	0.14552	0.27471	0.37467	PUM1	chr1	-	31404353	31538838	5375
ENSG0000(	231.5142	49.77904	2.1906	1.33E-09	6.08E-09	SPOCD1	chr1	-	32256023	32281652	3960
ENSG0000(	2102.034	3786.123	-0.84817	8.29E-21	7.25E-20	YARS	chr1	-	33240840	33283754	3238
ENSG0000(	2971.559	303.8502	3.2876	6.65E-169	9.55E-167	PHC2	chr1	-	33789224	33896653	3870
ENSG0000(	828.8297	1266.665	-0.61101	4.68E-06	1.56E-05	CDCA8	chr1	+	38158090	38175391	2469
ENSG0000(	1384.323	1480.105	-0.09606	0.54459	0.64491	GNL2	chr1	-	38032417	38061536	2409
ENSG0000(	445.1538	440.8305	0.013425	0.94992	0.9688	AGO4	chr1	+	36273773	36323491	7116
ENSG0000(	0	570.2953	-10.432	3.42E-22	3.17E-21	HOOK1	chr1	+	60280458	60342050	5857
ENSG0000(	3.455331	8.700706	-1.2733	0.13605	0.2091	CYP2J2	chr1	-	60358980	60392462	2549
ENSG0000(	818.8042	1570.719	-0.93832	7.23E-13	4.15E-12	BTF3L4	chr1	+	52521797	52556388	4703
ENSG0000(	1223.949	803.3425	0.60595	8.45E-05	0.000243	ZCCHC11	chr1	-	52873954	53019159	5858
ENSG0000(	758.4555	927.1499	-0.28859	0.087442	0.14424	PRPF38A	chr1	+	52870236	52883992	2755
ENSG0000(	409.7065	812.3678	-0.98645	3.02E-12	1.66E-11	DSC2	chr18	-	28645940	28682378	5124
ENSG0000(	0.342542	0	0.4146	0.81455	NA	DSG3	chr18	+	29027758	29058665	5525
ENSG0000(	158.9802	711.7184	-2.1608	5.65E-41	1.02E-39	RNF138	chr18	+	29671818	29711524	3570
ENSG0000(	1184.016	1687.829	-0.51125	1.32E-05	4.19E-05	ELP2	chr18	+	33709407	33757909	5849
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	DSG1	chr18	+	28898052	28936992	5045
ENSG0000(	612.5369	114.4967	2.409	7.09E-28	8.35E-27	DSC3	chr18	-	28569974	28622781	6978
ENSG0000(	2.209369	0.297015	2.0276	0.1839	0.2691	DSC1	chr18	-	28709199	28742819	4271
ENSG0000(	218.7601	171.7181	0.35005	0.19885	0.28721	DTNA	chr18	+	32073254	32471808	6522
ENSG0000(	834.714	67.62234	3.605	6.50E-76	2.58E-74	FHOD3	chr18	+	33877677	34360018	4967
ENSG0000(	2176.664	1359.204	0.67903	8.77E-09	3.74E-08	TPGS2	chr18	-	34359987	34409158	4030
ENSG0000(	310.0186	83.5977	1.8871	3.05E-25	3.23E-24	DAGLA	chr11	+	61447905	61514473	5757
ENSG0000(	331.9671	109.0362	1.5999	3.16E-14	1.97E-13	SLC43A3	chr11	-	57174427	57195053	2619
ENSG0000(	499.1528	690.2774	-0.46574	0.003742	0.008491	TIMM10	chr11	-	57295936	57298276	680

ENSG0000(	0.653381	0.715414	-0.06256	0.97108	NA	GIF	chr11	-	59596741	59612974	1623
ENSG0000(	472.7545	714.1383	-0.59238	0.005552	0.012248	DHX34	chr19	+	47852538	47885961	4372
ENSG0000(	0.36308	8.740381	-3.8516	0.003006	0.006927	APLNR	chr11	-	57001051	57004709	1726
ENSG0000(	22179.77	7472.474	1.5649	1.13E-15	7.70E-15	FADS2	chr11	+	61560452	61634826	5073
ENSG0000(	27.36702	32.65504	-0.24802	0.51443	0.61741	TMEM258	chr11	-	61556435	61560274	1692
ENSG0000(	2.302685	0.297015	2.0728	0.17182	0.25433	C5AR2	chr19	+	47835404	47846606	2768
ENSG0000(	1648.827	999.9165	0.72078	1.23E-10	6.05E-10	TMEM165	chr4	+	56262124	56292339	1928
ENSG0000(	786.7217	420.6986	0.90298	1.18E-11	6.20E-11	CLOCK	chr4	-	56294070	56413305	10304
ENSG0000(	725.3524	37.45964	4.1225	5.69E-10	2.68E-09	PDGFRA	chr4	+	55095264	55164414	6576
ENSG0000(	43.28109	27.49253	0.64485	0.064748	0.11148	GGACT	chr13	-	1.01E+08	1.01E+08	1431
ENSG0000(	58947	5286.018	3.4752	8.80E-190	1.71E-187	COL4A2	chr13	+	1.11E+08	1.11E+08	6281
ENSG0000(	5.269917	223.4197	-5.3338	3.58E-38	6.00E-37	CLDN10	chr13	+	96085858	96232013	2656
ENSG0000(	2139.287	707.0423	1.5943	6.27E-34	9.23E-33	DZIP1	chr13	-	96230457	96296957	7068
ENSG0000(	811.7764	832.3364	-0.03622	0.78407	0.84539	UBAC2	chr13	+	99853028	1E+08	2525
ENSG0000(	1487.557	1936.952	-0.3809	0.002295	0.005379	ARGLU1	chr13	-	1.07E+08	1.07E+08	3390
ENSG0000(	370.0994	89.16813	2.0439	1.17E-30	1.53E-29	BIVM	chr13	+	1.03E+08	1.03E+08	3857
ENSG0000(	180.8703	126.6075	0.51688	0.010417	0.021817	ERCC5	chr13	+	1.03E+08	1.04E+08	5076
ENSG0000(	904.4002	1009.442	-0.15788	0.32958	0.43268	TPP2	chr13	+	1.03E+08	1.03E+08	4660
ENSG0000(	767.598	461.4667	0.73313	5.64E-07	2.06E-06	KDELC1	chr13	-	1.03E+08	1.03E+08	2083
ENSG0000(	850.6754	728.2596	0.22361	0.053265	0.093999	CARS2	chr13	-	1.11E+08	1.11E+08	3516
ENSG0000(	892.0772	510.1585	0.8044	1.12E-06	3.97E-06	ARHGAP32	chr11	-	1.29E+08	1.29E+08	10111
ENSG0000(	4991.214	2051.425	1.2813	3.74E-21	3.32E-20	STT3A	chr11	+	1.25E+08	1.25E+08	4558
ENSG0000(	0	302.5897	-9.6187	3.32E-19	2.68E-18	ADAMTS8	chr11	-	1.3E+08	1.3E+08	4010
ENSG0000(	6.690533	20.09227	-1.5222	0.032987	0.061741	ACRV1	chr11	-	1.26E+08	1.26E+08	2212
ENSG0000(	1102.528	798.4798	0.46458	0.010683	0.022315	ETS1	chr11	-	1.28E+08	1.28E+08	5123
ENSG0000(	7.552064	12.31504	-0.67957	0.27044	0.36957	SLC37A2	chr11	+	1.25E+08	1.25E+08	4654
ENSG0000(	3.362014	17.5285	-2.2993	0.001144	0.002815	KLB	chr4	+	39408473	39453156	6082
ENSG0000(	998.6619	439.6037	1.183	4.50E-20	3.80E-19	TMED7	chr5	-	1.15E+08	1.15E+08	3757
ENSG0000(	938.1834	354.6413	1.3939	8.41E-06	2.73E-05	APC	chr5	+	1.12E+08	1.12E+08	11025
ENSG0000(	2351.662	1805.683	0.38089	0.005459	0.012067	NREP	chr5	-	1.11E+08	1.11E+08	3564
ENSG0000(	639.1964	733.9657	-0.1986	0.12281	0.19257	WDR36	chr5	+	1.1E+08	1.1E+08	7048
ENSG0000(	438.709	206.3376	1.0872	5.81E-14	3.56E-13	OSTF1	chr9	+	77703459	77762181	1319
ENSG0000(	273.4145	187.4869	0.5423	0.002364	0.005528	RFK	chr9	-	79000433	79009433	2684
ENSG0000(	2069.136	2258.93	-0.12692	0.17828	0.26214	UBQLN1	chr9	-	86274878	86323118	6055
ENSG0000(	430.4978	411.1843	0.066893	0.6922	0.77062	NAA35	chr9	+	88556061	88637213	2649
ENSG0000(	189.3413	320.1865	-0.7555	0.000333	0.000885	C9orf40	chr9	-	77561497	77567802	2327
ENSG0000(	4381.5	10.55718	8.2184	3.32E-24	3.36E-23	ANXA1	chr9	+	75766673	75785309	2209
ENSG0000(	1064.258	274.5053	1.9539	4.46E-55	1.15E-53	CTSL1	chr9	+	90340434	90346308	2177
ENSG0000(	2967.517	1187.875	1.3119	9.30E-06	2.99E-05	TMEM2	chr9	-	74298282	74431606	6523
ENSG0000(	263.8436	737.372	-1.4806	4.68E-25	4.90E-24	AGTPBP1	chr9	-	88161455	88356944	4393
ENSG0000(	3378.059	2530.238	0.41659	0.000746	0.001887	GOLM1	chr9	-	88641061	88715088	3046
ENSG0000(	4.335607	299.3865	-5.9927	7.20E-32	9.86E-31	FAM189A2	chr9	+	71939488	72007371	2423
ENSG0000(	1315.931	3840.935	-1.5415	6.12E-20	5.15E-19	PSAT1	chr9	+	80912059	80945009	2188
ENSG0000(	291.2296	549.1166	-0.91036	1.16E-09	5.30E-09	ISCA1	chr9	-	88879461	88897676	1958
ENSG0000(	12439.83	1060.08	3.54	1.43E-61	4.28E-60	ADAM19	chr5	-	1.57E+08	1.57E+08	6481
ENSG0000(	6.122888	1.888903	1.4838	0.17751	0.26116	HAVCR2	chr5	-	1.57E+08	1.57E+08	2907
ENSG0000(	507.7498	956.1863	-0.91152	2.63E-09	1.17E-08	CCNJL	chr5	-	1.6E+08	1.6E+08	3442
ENSG0000(	450.624	318.3847	0.49984	0.001298	0.003164	TAOK3	chr12	-	1.19E+08	1.19E+08	4384
ENSG0000(	204.2481	117.606	0.79254	0.000854	0.002144	USP30	chr12	+	1.09E+08	1.1E+08	3742
ENSG0000(	1.628766	6.388571	-1.7836	0.077443	0.12995	SDS	chr12	-	1.14E+08	1.14E+08	1606
ENSG0000(	104.6791	1515.115	-3.8422	2.01E-108	1.31E-106	MSI1	chr12	-	1.21E+08	1.21E+08	2975
ENSG0000(	22.53973	34.2809	-0.5881	0.15199	0.22961	HNF1A	chr12	+	1.21E+08	1.21E+08	4026
ENSG0000(	902.4134	1415.168	-0.64798	2.27E-06	7.84E-06	FBXO21	chr12	-	1.18E+08	1.18E+08	4687
ENSG0000(	1036.947	47.16633	4.3412	3.46E-14	2.15E-13	TBX3	chr12	-	1.15E+08	1.15E+08	4723
ENSG0000(	0.685084	0	0.85004	0.63064	NA	OASL	chr12	-	1.21E+08	1.21E+08	2085
ENSG0000(	1.814586	111.0984	-5.6387	2.08E-19	1.70E-18	HRK	chr12	-	1.17E+08	1.17E+08	5789
ENSG0000(	80.35551	433.9828	-2.4265	4.95E-35	7.51E-34	RNFT2	chr12	+	1.17E+08	1.17E+08	3882
ENSG0000(	212.7029	179.9322	0.24081	0.2577	0.35535	P2RX4	chr12	+	1.22E+08	1.22E+08	4658
ENSG0000(	16.27731	321.1534	-4.2852	9.66E-52	2.32E-50	CCDC64	chr12	+	1.2E+08	1.21E+08	3055
ENSG0000(	6.741961	174.5894	-4.6005	7.41E-26	8.03E-25	DTX1	chr12	+	1.13E+08	1.14E+08	3455
ENSG0000(	697.5677	653.0939	0.09561	0.43311	0.53851	TRAFD1	chr12	+	1.13E+08	1.13E+08	3178
ENSG0000(	849.7812	863.3133	-0.02225	0.91389	0.94125	DMTF1	chr7	+	86781677	86825653	4460
ENSG0000(	263.1816	245.6334	0.097357	0.63917	0.72668	TMEM243	chr7	-	86825478	86849903	1273
ENSG0000(	42.47099	14.69927	1.4852	0.00152	0.003668	CCDC146	chr7	+	76751751	76958850	3333
ENSG0000(	211.3625	199.526	0.082998	0.6837	0.76377	TMEM60	chr7	-	77423045	77427897	1023

ENSG0000(	1457.789	1552.402	-0.09048	0.56761	0.66506	POM121C	chr7	-	75046066	75115548	5839
ENSG0000(	53.44603	0.700845	5.8517	5.08E-11	2.58E-10	CD36	chr7	+	79998891	80308593	6179
ENSG0000(	402.2098	151.791	1.4036	1.82E-10	8.86E-10	PNPLA8	chr7	-	1.08E+08	1.08E+08	4268
ENSG0000(	228.5879	310.948	-0.44501	0.003229	0.007408	HILPDA	chr7	+	1.28E+08	1.28E+08	1370
ENSG0000(	0	2.058828	-1.8947	0.28782	0.38931	FAM71F1	chr7	+	1.28E+08	1.28E+08	1818
ENSG0000(	396.4632	249.9383	0.66603	2.76E-05	8.41E-05	RINT1	chr7	+	1.05E+08	1.05E+08	2976
ENSG0000(	927.9646	905.8239	0.034272	0.8397	0.8875	SRPK2	chr7	-	1.05E+08	1.05E+08	3700
ENSG0000(	3.060548	116.1119	-5.1655	9.81E-23	9.35E-22	KCP	chr7	-	1.29E+08	1.29E+08	5108
ENSG0000(	1301.225	1036.121	0.32912	0.00212	0.004997	TES	chr7	+	1.16E+08	1.16E+08	2782
ENSG0000(	1505.913	339.579	2.1469	7.25E-64	2.31E-62	MDFIC	chr7	+	1.15E+08	1.15E+08	4598
ENSG0000(	237.0091	299.8191	-0.33798	0.036115	0.067021	MTO1	chr6	+	74171301	74218959	10857
ENSG0000(	24.1821	47.31463	-0.9692	0.010669	0.022289	BAI3	chr6	+	69345259	70099403	6010
ENSG0000(	142.769	92.64322	0.6211	0.004267	0.009594	ANKRD6	chr6	+	90142889	90343553	5258
ENSG0000(	17.86321	7.15823	1.2686	0.038632	0.071178	HTR1B	chr6	-	78171948	78173490	1543
ENSG0000(	70.2517	75.58327	-0.10251	0.68118	0.76164	KHDC1	chr6	-	73951037	74020088	2053
ENSG0000(	249.9492	108.6709	1.1941	0.000419	0.001101	KIAA1009	chr6	-	84833960	84937353	5156
ENSG0000(	3905.194	4551.488	-0.22019	0.26947	0.36849	SYNCRIP	chr6	-	86267696	86353510	6443
ENSG0000(	597.5636	246.864	1.2723	1.65E-15	1.11E-14	SNX14	chr6	-	86215214	86303874	3615
ENSG0000(	3140.177	3.853068	9.4957	2.89E-118	2.19E-116	NT5E	chr6	+	86159809	86205500	3548
ENSG0000(	16.48367	109.5275	-2.7129	2.25E-18	1.75E-17	MRAP2	chr6	+	84743475	84800600	2153
ENSG0000(	644.9937	226.6689	1.5061	1.11E-17	8.39E-17	EPHA7	chr6	-	93949738	94129265	6588
ENSG0000(	895.2794	1377.841	-0.62093	0.000467	0.001218	AKIRIN2	chr6	-	88384790	88411927	1662
ENSG0000(	277.7626	471.4618	-0.75931	0.000316	0.000844	ORC3	chr6	+	88299839	88377169	2512
ENSG0000(	81.65453	60.64204	0.42733	0.20248	0.29128	LCA5	chr6	-	80194708	80247147	4719
ENSG0000(	1351.281	851.9057	0.66569	6.39E-08	2.53E-07	MAP3K7	chr6	-	91223292	91296764	4911
ENSG0000(	388.7716	32.6122	3.5492	3.33E-51	7.88E-50	PRR5L	chr11	+	36317838	36486754	3930
ENSG0000(	90.84375	18.23505	2.2815	6.58E-11	3.31E-10	LMO2	chr11	-	33880122	33913836	2294
ENSG0000(	914.7759	500.7768	0.86504	0.000196	0.000537	PHF21A	chr11	-	45950871	46142985	8954
ENSG0000(	986.748	2142.344	-1.1153	1.49E-10	7.29E-10	NAT10	chr11	+	34127149	34169217	4002
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	EHF	chr11	+	34642640	34682604	3150
ENSG0000(	10.99542	50.5738	-2.1449	7.49E-05	0.000217	PRRG4	chr11	+	32851489	32879669	5530
ENSG0000(	5981.371	6502.852	-0.12034	0.27833	0.3788	CAPRIN1	chr11	+	34073230	34122703	4108
ENSG0000(	1934.309	2949.948	-0.60741	3.01E-06	1.02E-05	ATP5G2	chr12	-	54026510	54071192	1976
ENSG0000(	358.042	299.3065	0.25706	0.097023	0.15745	DNAJC14	chr12	-	56214744	56224608	3416
ENSG0000(	11968.02	3061.444	1.9655	8.13E-102	4.79E-100	CD63	chr12	-	56119107	56123491	1233
ENSG0000(	1.379541	3.495361	-1.1737	0.3536	0.45776	PRPH	chr12	+	49687035	49692465	3241
ENSG0000(	63.03427	41.66733	0.58836	0.047953	0.085802	AVIL	chr12	-	58191159	58212487	2939
ENSG0000(	1.753786	0.937167	0.66042	0.65879	0.74287	AMHR2	chr12	+	53817639	53825318	2162
ENSG0000(	1404.184	370.0276	1.9188	5.18E-23	5.01E-22	GDF11	chr12	+	56137064	56150911	3731
ENSG0000(	36.5168	197.8558	-2.427	2.53E-14	1.59E-13	GLS2	chr12	-	56864736	56882198	2694
ENSG0000(	684.2076	719.0417	-0.07237	0.59401	0.68863	ITGA7	chr12	-	56078352	56109827	4348
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	TESPA1	chr12	-	55341802	55378530	4188
ENSG0000(	26.33842	21.67617	0.27385	0.5103	0.61366	FAM186B	chr12	-	49976668	49999422	3088
ENSG0000(	9.639019	8.250752	0.21157	0.75585	0.82246	RDH5	chr12	+	56114151	56118489	1419
ENSG0000(	228.5642	17.73327	3.6594	8.16E-36	1.27E-34	AGAP2	chr12	-	58118980	58135940	4464
ENSG0000(	11.76444	18.43982	-0.63709	0.24015	0.33497	BLOC1S1	chr12	+	56109820	56113871	1229
ENSG0000(	1266.557	1022.235	0.30907	0.064533	0.11117	CDK4	chr12	-	58141510	58149796	2076
ENSG0000(	0	303.8683	-9.6254	3.04E-19	2.46E-18	PPP1R1A	chr12	-	54969171	54982443	2491
ENSG0000(	600.6327	680.8108	-0.18046	0.10687	0.17079	TROAP	chr12	+	49717019	49725514	2771
ENSG0000(	331.1542	168.5048	0.97176	7.96E-10	3.71E-09	TSPAN31	chr12	+	58131796	58143994	3434
ENSG0000(	100.2167	3.198346	4.821	4.42E-20	3.74E-19	B4GALNT1	chr12	-	58017193	58027138	5580
ENSG0000(	708.3716	887.054	-0.32479	0.007942	0.016985	TFCP2	chr12	-	51487446	51566926	3562
ENSG0000(	96.65678	122.9757	-0.34842	0.19348	0.28097	COQ10A	chr12	+	56660642	56664750	1652
ENSG0000(	78.39472	2.185918	4.94	4.96E-16	3.44E-15	FAIM2	chr12	-	50260679	50298000	4654
ENSG0000(	436.9527	604.2199	-0.46656	0.024181	0.046827	PAN2	chr12	-	56710007	56727837	5372
ENSG0000(	640.0136	1389.224	-1.117	8.86E-26	9.54E-25	ESPL1	chr12	+	53662083	53687427	6662
ENSG0000(	1.08924	0.654722	0.45819	0.7871	NA	KRT121P	chr12	-	52644250	52652651	1769
ENSG0000(	4.096733	147.859	-5.0347	3.08E-28	3.68E-27	KRT7	chr12	+	52626304	52645970	1754
ENSG0000(	65.59653	154.7476	-1.2325	1.92E-06	6.68E-06	ZC3H10	chr12	+	56511943	56516278	2208
ENSG0000(	23335.72	42589.65	-0.86731	3.29E-19	2.66E-18	HNRNPA1	chr12	+	54673977	54680872	4121
ENSG0000(	9.999493	2.993578	1.6624	0.033821	0.063181	SLC26A10	chr12	+	58013310	58019934	2515
ENSG0000(	453.0828	895.037	-0.97939	3.46E-07	1.29E-06	ACVR1B	chr12	+	52345451	52390862	4563
ENSG0000(	2442.159	1112.937	1.1335	2.18E-27	2.52E-26	OS9	chr12	+	58087738	58115340	3870
ENSG0000(	0.36308	2.416535	-1.9112	0.2422	0.33744	MIP	chr12	-	56843286	56862950	2599
ENSG0000(	15.05531	9.407256	0.63628	0.32753	0.43053	KCNH3	chr12	+	49932940	49952091	3867

ENSG0000(	349.92	523.5165	-0.57649	0.060148	0.10466	LTV1	chr6	+	1.44E+08	1.44E+08	1847
ENSG0000(	4.93854	1604.453	-8.2437	3.75E-102	2.22E-100	MAP7	chr6	-	1.37E+08	1.37E+08	3841
ENSG0000(	3356.452	1086.628	1.6249	4.24E-32	5.88E-31	CD164	chr6	-	1.1E+08	1.1E+08	4963
ENSG0000(	96.98302	75.54688	0.35297	0.2282	0.32126	LACE1	chr6	+	1.09E+08	1.09E+08	4755
ENSG0000(	846.4667	1050.358	-0.31122	0.052375	0.092609	NHSL1	chr6	-	1.39E+08	1.39E+08	7500
ENSG0000(	516.7193	180.7178	1.5151	1.32E-16	9.41E-16	AHI1	chr6	-	1.36E+08	1.36E+08	5921
ENSG0000(	0.923144	450.995	-8.402	9.79E-31	1.29E-29	HEY2	chr6	+	1.26E+08	1.26E+08	2678
ENSG0000(	67.70321	197.2851	-1.5406	4.80E-13	2.79E-12	PKIB	chr6	+	1.23E+08	1.23E+08	1875
ENSG0000(	1.016461	0	1.3167	0.46021	NA	NMBR	chr6	-	1.42E+08	1.42E+08	1354
ENSG0000(	87.98036	91.00924	-0.05035	0.82023	0.8736	SMPD2	chr6	+	1.1E+08	1.1E+08	1645
ENSG0000(	2451.28	1516.265	0.69235	1.49E-13	8.94E-13	MICAL1	chr6	-	1.1E+08	1.1E+08	4381
ENSG0000(	650.2777	1271.703	-0.96685	2.03E-16	1.44E-15	REPS1	chr6	-	1.39E+08	1.39E+08	6069
ENSG0000(	5.250192	1.591889	1.4917	0.18429	0.26961	STX11	chr6	+	1.44E+08	1.45E+08	1926
ENSG0000(	3.847508	104.4073	-4.5624	1.88E-11	9.80E-11	TEC	chr4	-	48137800	48271881	3687
ENSG0000(	269.6803	112.3722	1.2564	7.63E-13	4.37E-12	PRADC1	chr2	-	73455134	73460366	1083
ENSG0000(	1844.144	94.15174	4.2783	6.49E-85	2.96E-83	SEMA4F	chr2	+	74881355	74909186	4312
ENSG0000(	5728.299	7264.782	-0.34254	0.000119	0.000336	CCT7	chr2	+	73460548	73480149	2031
ENSG0000(	0.290301	0.686276	-0.47648	0.78935	NA	EGR4	chr2	-	73518058	73520833	2372
ENSG0000(	973.2763	275.1646	1.8111	5.69E-11	2.88E-10	RAB11FIP5	chr2	-	73300510	73383849	4342
ENSG0000(	584.6447	1037.241	-0.82464	6.22E-06	2.05E-05	SMYD5	chr2	+	73441350	73454365	2593
ENSG0000(	31.17166	550.8904	-4.1153	4.10E-69	1.45E-67	DYSF	chr2	+	71680852	71913898	6796
ENSG0000(	271.8904	108.1759	1.3215	1.22E-08	5.13E-08	CCDC142	chr2	-	74699113	74710535	3406
ENSG0000(	0.342542	12.9002	-4.4445	0.000272	0.000731	EMX1	chr2	+	73143389	73162020	2188
ENSG0000(	355.7782	795.9787	-1.1581	2.87E-13	1.69E-12	KCNMB4	chr12	+	70760056	70828072	4731
ENSG0000(	450.518	234.091	0.94082	0.000698	0.001772	USP15	chr12	+	62654119	62811211	4748
ENSG0000(	2814.723	736.6268	1.9332	1.96E-76	7.86E-75	GNS	chr12	-	65107225	65153227	5122
ENSG0000(	1.681007	3.039702	-0.75706	0.50883	0.61225	CPM	chr12	-	69235977	69365350	6655
ENSG0000(	1032.362	1082.614	-0.06947	0.56091	0.65952	MDM2	chr12	+	69201956	69239214	7381
ENSG0000(	1021.722	1181.614	-0.20903	0.38611	0.49043	KLHL36	chr16	+	84682131	84701292	6488
ENSG0000(	0.290301	5.497527	-3.249	0.017813	0.035555	BCMO1	chr16	+	81272053	81324747	2670
ENSG0000(	381.1884	347.2792	0.13577	0.47134	0.57614	MPHOSPH6	chr16	-	82181403	82203831	1103
ENSG0000(	4.398199	1.949596	1.0597	0.32658	0.4295	CHST5	chr16	-	75562433	75569145	3245
ENSG0000(	466.4496	195.3867	1.2473	7.91E-08	3.11E-07	KIAA0513	chr16	+	85061375	85127836	7772
ENSG0000(	2750.528	1222.612	1.1678	5.69E-16	3.94E-15	DYNC1LI2	chr16	-	66754796	66785701	4515
ENSG0000(	33.97263	0.654722	5.2162	2.14E-08	8.83E-08	FBXL8	chr16	+	67193834	67198473	1658
ENSG0000(	2536.258	800.4027	1.6625	2.61E-65	8.62E-64	FHOD1	chr16	-	67263290	67281561	4321
ENSG0000(	525.4446	280.4702	0.90112	1.40E-07	5.38E-07	CCDC102A	chr16	-	57546090	57570511	2463
ENSG0000(	141.4607	131.6563	0.10198	0.77227	0.83602	SLC9A5	chr16	+	67271586	67306093	4617
ENSG0000(	9.015549	0.357707	3.9817	0.001253	0.003059	AGT	chr1	-	2.31E+08	2.31E+08	2291
ENSG0000(	65.77477	149.4872	-1.182	2.71E-07	1.02E-06	ZNF670	chr1	-	2.47E+08	2.47E+08	2751
ENSG0000(	583.2536	1228.694	-1.0728	1.16E-10	5.69E-10	PCNXL2	chr1	-	2.33E+08	2.33E+08	6817
ENSG0000(	296.2485	246.3254	0.26456	0.30897	0.41076	KCNK1	chr1	+	2.34E+08	2.34E+08	2161
ENSG0000(	320.3075	725.9688	-1.1733	1.45E-05	4.56E-05	URB2	chr1	+	2.3E+08	2.3E+08	5613
ENSG0000(	621.3624	613.2565	0.018985	0.94341	0.9634	EGLN1	chr1	-	2.31E+08	2.32E+08	7097
ENSG0000(	3.423628	1.920457	0.70507	0.54503	0.64532	CAPN9	chr1	+	2.31E+08	2.31E+08	2484
ENSG0000(	394.7896	516.6068	-0.38632	0.03819	0.070453	COG2	chr1	+	2.31E+08	2.31E+08	7836
ENSG0000(	280.7343	261.7939	0.10108	0.51317	0.61624	ABCB10	chr1	-	2.3E+08	2.3E+08	3857
ENSG0000(	246.5259	520.4819	-1.077	5.92E-09	2.56E-08	NTPCR	chr1	+	2.33E+08	2.33E+08	8705
ENSG0000(	547.9692	492.7455	0.15313	0.47837	0.58275	TAF5L	chr1	-	2.3E+08	2.3E+08	4062
ENSG0000(	3608.462	4800.491	-0.41131	1.22E-05	3.88E-05	GLUL	chr1	-	1.82E+08	1.82E+08	6132
ENSG0000(	604.3659	790.4017	-0.3869	0.001157	0.002844	STX6	chr1	-	1.81E+08	1.81E+08	4851
ENSG0000(	1.722083	1.372552	0.25081	0.86695	0.90732	RGS8	chr1	-	1.83E+08	1.83E+08	1432
ENSG0000(	209.0633	25.48224	3.0206	6.12E-32	8.41E-31	RNASEL	chr1	-	1.83E+08	1.83E+08	4238
ENSG0000(	3520.151	4853.555	-0.46165	0.032757	0.06137	DHX9	chr1	+	1.83E+08	1.83E+08	4240
ENSG0000(	304.8246	76.08022	1.9949	3.61E-21	3.21E-20	KIAA1614	chr1	+	1.81E+08	1.81E+08	9654
ENSG0000(	898.088	479.2574	0.90226	0.000825	0.002075	CEP350	chr1	+	1.8E+08	1.8E+08	13491
ENSG0000(	70.79367	19.02002	1.8845	1.72E-08	7.15E-08	NPL	chr1	+	1.83E+08	1.83E+08	2418
ENSG0000(	2072.914	150.6096	3.7778	1.52E-139	1.48E-137	FAM129A	chr1	-	1.85E+08	1.85E+08	6928
ENSG0000(	429.7824	243.5271	0.81993	3.66E-08	1.48E-07	PIGC	chr1	-	1.72E+08	1.72E+08	2630
ENSG0000(	763.8962	946.2392	-0.30843	0.003333	0.00763	ACBD6	chr1	-	1.8E+08	1.8E+08	1670
ENSG0000(	14048.45	4164.582	1.7517	1.15E-41	2.11E-40	LAMC1	chr1	+	1.83E+08	1.83E+08	7889
ENSG0000(	446.8349	392.2081	0.18819	0.25293	0.34982	RC3H1	chr1	-	1.74E+08	1.74E+08	11261
ENSG0000(	1.411244	0.343138	1.3153	0.43451	NA	GPR55	chr2	-	2.32E+08	2.32E+08	3828
ENSG0000(	101.8591	31.02024	1.6899	1.64E-05	5.13E-05	SP110	chr2	-	2.31E+08	2.31E+08	2725
ENSG0000(	351.6658	612.3334	-0.79738	3.24E-07	1.21E-06	MRPL44	chr2	+	2.25E+08	2.25E+08	1748

ENSG0000(	1.649304	5.033005	-1.4472	0.17231	0.2549	CHRND	chr2	+	2.33E+08	2.33E+08	3022
ENSG0000(	248.4563	3.451653	5.995	2.80E-38	4.71E-37	PAX3	chr2	-	2.23E+08	2.23E+08	3610
ENSG0000(	672.8559	17.16026	5.2841	3.91E-94	2.08E-92	DOCK10	chr2	-	2.26E+08	2.26E+08	7288
ENSG0000(	594.6462	1054.333	-0.8245	1.17E-12	6.62E-12	TTLL4	chr2	+	2.2E+08	2.2E+08	4967
ENSG0000(	188.2555	248.5598	-0.39665	0.07755	0.13005	USP37	chr2	-	2.19E+08	2.19E+08	8032
ENSG0000(	2.427705	5.113098	-0.9881	0.34562	0.44971	HTR2B	chr2	-	2.32E+08	2.32E+08	2246
ENSG0000(	18391.34	7897.818	1.2185	2.55E-32	3.56E-31	ITM2C	chr2	+	2.32E+08	2.32E+08	2078
ENSG0000(	8.217424	51.82484	-2.6394	3.35E-08	1.36E-07	SLC19A3	chr2	-	2.29E+08	2.29E+08	3517
ENSG0000(	16396.4	1420.42	3.5261	1.20E-242	3.80E-240	SERPINE2	chr2	-	2.25E+08	2.25E+08	5989
ENSG0000(	1008.457	671.5627	0.58582	0.000343	0.00091	DNAJB2	chr2	+	2.2E+08	2.2E+08	4487
ENSG0000(	540.8692	469.0272	0.20424	0.38404	0.48822	TMBIM1	chr2	-	2.19E+08	2.19E+08	2936
ENSG0000(	57.18906	283.9245	-2.2862	7.90E-11	3.94E-10	CYP27A1	chr2	+	2.2E+08	2.2E+08	2566
ENSG0000(	1844.228	1367.366	0.43102	0.000128	0.000361	EIF4E2	chr2	+	2.33E+08	2.33E+08	3525
ENSG0000(	1111.785	596.6405	0.89643	7.24E-14	4.40E-13	ARMC9	chr2	+	2.32E+08	2.32E+08	5758
ENSG0000(	866.3587	941.0094	-0.12008	0.33735	0.44107	CAB39	chr2	+	2.32E+08	2.32E+08	3826
ENSG0000(	1177.586	1634.779	-0.47234	9.87E-06	3.17E-05	COX5B	chr2	+	98262503	98264846	738
ENSG0000(	508.1846	466.9682	0.12178	0.46523	0.57001	REV1	chr2	-	1E+08	1E+08	4751
ENSG0000(	11.17268	43.22283	-1.9229	6.74E-06	2.21E-05	TSGA10	chr2	-	99613724	99771427	3878
ENSG0000(	193.4431	216.962	-0.16341	0.32277	0.42568	MFSD9	chr2	-	1.03E+08	1.03E+08	4049
ENSG0000(	1114.082	713.8842	0.64125	9.25E-08	3.62E-07	TMEM127	chr2	-	96916312	96931732	4208
ENSG0000(	1.431782	0.700845	0.75326	0.63313	0.72196	EDAR	chr2	-	1.1E+08	1.1E+08	4323
ENSG0000(	575.1226	498.3569	0.20619	0.19382	0.28133	TGFBRAP1	chr2	-	1.06E+08	1.06E+08	5979
ENSG0000(	686.0905	740.7549	-0.10926	0.69263	0.77084	GCC2	chr2	+	1.09E+08	1.09E+08	6772
ENSG0000(	183.762	509.2424	-1.4666	9.40E-19	7.43E-18	MRPS9	chr2	+	1.06E+08	1.06E+08	1500
ENSG0000(	1.016461	3.901607	-1.6746	0.18313	0.26816	GPR45	chr2	+	1.06E+08	1.06E+08	1725
ENSG0000(	247.6981	263.3459	-0.08873	0.57829	0.67483	C2orf49	chr2	+	1.06E+08	1.06E+08	4768
ENSG0000(	261.4057	73.93069	1.8157	3.12E-22	2.90E-21	ANKRD36	chr2	+	97779233	97930258	6269
ENSG0000(	305.7535	318.8136	-0.05938	0.82296	0.87519	EPC2	chr2	+	1.49E+08	1.5E+08	3642
ENSG0000(	139.7203	491.5447	-1.8111	9.65E-25	9.99E-24	ARHGEF4	chr2	+	1.32E+08	1.32E+08	4788
ENSG0000(	1161.119	983.8355	0.2392	0.027379	0.052371	ISCU	chr12	+	1.09E+08	1.09E+08	3685
ENSG0000(	1651.737	142.3794	3.5222	1.74E-75	6.83E-74	ALDH1L2	chr12	-	1.05E+08	1.05E+08	7547
ENSG0000(	3.454517	2.589748	0.37485	0.74252	0.81078	STAB2	chr12	+	1.04E+08	1.04E+08	8251
ENSG0000(	1.733248	819.37	-8.6712	2.51E-47	5.33E-46	USP44	chr12	-	95910336	95945266	4022
ENSG0000(	1275.147	451.1736	1.496	4.53E-15	2.98E-14	SCYL2	chr12	+	1.01E+08	1.01E+08	5779
ENSG0000(	11186.87	2379.47	2.231	1.39E-111	9.43E-110	CKAP4	chr12	-	1.07E+08	1.07E+08	3093
ENSG0000(	1951.542	80.46817	4.591	1.86E-228	5.53E-226	PLXNC1	chr12	+	94542499	94701451	7346
ENSG0000(	802.5674	299.7012	1.4191	2.79E-28	3.33E-27	APPL2	chr12	-	1.06E+08	1.06E+08	3239
ENSG0000(	923.4723	903.4382	0.032018	0.86856	0.90849	PWP1	chr12	+	1.08E+08	1.08E+08	2621
ENSG0000(	78.41428	116.5677	-0.56688	0.050734	0.090091	DRAM1	chr12	+	1.02E+08	1.02E+08	3519
ENSG0000(	814.4947	562.9788	0.53199	0.015917	0.032075	KIAA1033	chr12	+	1.06E+08	1.06E+08	5819
ENSG0000(	153.5994	7.426106	4.2949	7.30E-30	9.27E-29	SLC41A2	chr12	-	1.05E+08	1.05E+08	4449
ENSG0000(	127.5753	87.36094	0.54665	0.021833	0.042727	VILL	chr3	+	38029550	38048679	4439
ENSG0000(	1962.843	5633.26	-1.5194	6.66E-35	1.01E-33	FLNB	chr3	+	57994127	58157982	9537
ENSG0000(	289.1783	523.4583	-0.85521	6.66E-07	2.42E-06	NEK3	chr13	-	52706775	52733996	3255
ENSG0000(	0	36.09346	-5.1596	NA	NA	PCDH8	chr13	-	53418109	53422775	4003
ENSG0000(	676.4102	307.5357	1.1365	1.19E-14	7.61E-14	VPS36	chr13	-	52986737	53024763	4417
ENSG0000(	249.6108	391.2344	-0.64786	0.00066	0.001682	RNASEH2B	chr13	+	51483814	51544592	1629
ENSG0000(	1304.958	1104.668	0.24054	0.1447	0.22004	CKAP2	chr13	+	53029564	53050763	3629
ENSG0000(	0	1327.572	-11.547	3.20E-27	3.65E-26	LECT1	chr13	-	53277399	53313947	1444
ENSG0000(	893.9124	1015.913	-0.18443	0.2012	0.29	TBC1D4	chr13	-	75858808	76056250	6364
ENSG0000(	161.4443	6.75111	4.5438	1.48E-29	1.85E-28	THSD1	chr13	-	52951305	52980629	3186
ENSG0000(	167.1029	181.1481	-0.11382	0.62556	0.71563	BORA	chr13	+	73302061	73330336	2759
ENSG0000(	725.8844	224.6662	1.6786	7.17E-08	2.83E-07	LRCH1	chr13	+	47127303	47327175	4710
ENSG0000(	571.0932	633.9418	-0.14917	0.47208	0.57671	SUCLA2	chr13	-	48510622	48612125	2164
ENSG0000(	609.8988	695.9935	-0.19089	0.16311	0.24359	RCBTB1	chr13	-	50106082	50159719	4025
ENSG0000(	270.6993	283.9141	-0.06673	0.67635	0.7576	MED4	chr13	-	48627459	48669267	2022
ENSG0000(	119.922	81.19815	0.56146	0.009021	0.019114	PHF11	chr13	+	50069746	50103123	1626
ENSG0000(	21.25693	49.63818	-1.2186	0.001821	0.004337	RPL13AP25	chr13	-	55014839	55015450	612
ENSG0000(	578.6104	242.6451	1.251	1.32E-19	1.09E-18	COG3	chr13	+	46039060	46110765	4498
ENSG0000(	2210.944	359.4375	2.6175	6.10E-99	3.41E-97	LMO7	chr13	+	76194570	76434004	8128
ENSG0000(	7.260949	0.700845	2.9931	0.01037	0.021729	SCEL	chr13	+	78109809	78219398	3096
ENSG0000(	2836.884	1984.578	0.51521	1.66E-05	5.18E-05	ITM2B	chr13	+	48807294	48837063	1876
ENSG0000(	2802.262	1317.653	1.0871	1.29E-16	9.26E-16	SPRY2	chr13	-	80910111	80915086	2708
ENSG0000(	266.5958	616.8597	-1.2062	2.48E-10	1.20E-09	NUDT15	chr13	+	48611703	48621358	2098
ENSG0000(	0.290301	210.1421	-8.3256	9.97E-18	7.56E-17	EDNRB	chr13	-	78469616	78493903	4471

ENSG0000(	286.4092	150.0446	0.93418	1.37E-06	4.83E-06	RCBTB2	chr13	-	49063095	49107369	3232
ENSG0000(	183.8352	57.02119	1.6839	2.27E-11	1.18E-10	LCP1	chr13	-	46700055	46786006	3944
ENSG0000(	182.1472	113.7788	0.67502	0.000672	0.00171	SETDB2	chr13	+	50018429	50069138	6183
ENSG0000(	5775.715	3733.792	0.62891	3.05E-11	1.57E-10	SCRN1	chr7	-	29959719	30029905	5275
ENSG0000(	7.905771	8.250752	-0.06022	0.92982	0.95355	C7orf25	chr7	-	42948325	42951904	2451
ENSG0000(	1499.082	1561.678	-0.05846	0.56752	0.66499	TNS3	chr7	-	47314752	47622156	7625
ENSG0000(	22.56288	10.76927	1.0581	0.036482	0.067614	SPDYE1	chr7	+	44040488	44049721	2649
ENSG0000(	544.7368	295.2575	0.88007	1.66E-09	7.53E-09	CHST12	chr7	+	2443223	2474242	2103
ENSG0000(	1099.369	2637.153	-1.2613	1.19E-29	1.50E-28	IGF2BP3	chr7	-	23349828	23510086	4250
ENSG0000(	206.6532	10.25533	4.3161	5.14E-31	6.84E-30	GPNMB	chr7	+	23275586	23314727	2862
ENSG0000(	461.4155	120.9734	1.9242	1.14E-31	1.55E-30	RAPGEF5	chr7	-	22157856	22396763	6621
ENSG0000(	5165.378	4855.492	0.089138	0.33898	0.44289	RAC1	chr7	+	6414154	6443608	2323
ENSG0000(	6312.597	1107.226	2.5098	1.20E-168	1.70E-166	KDELR2	chr7	-	6485584	6523873	2884
ENSG0000(	276.9643	321.8045	-0.21737	0.23146	0.32499	NUPL2	chr7	+	23221446	23240630	2529
ENSG0000(	0.72616	1.012429	-0.3368	0.84185	NA	IL6	chr7	+	22765503	22771621	1527
ENSG0000(	145.5291	261.5171	-0.84489	1.40E-06	4.93E-06	ZDHHC4	chr7	+	6617065	6629005	1942
ENSG0000(	7.397947	1.234181	2.2704	0.032399	0.06078	AOAH	chr7	-	36552456	36764154	2396
ENSG0000(	816.1837	1052.052	-0.36561	0.001642	0.003935	BZW2	chr7	+	16685756	16746148	2101
ENSG0000(	14.95001	23.5634	-0.64122	0.20061	0.28932	DGKB	chr7	-	14184674	15014402	6917
ENSG0000(	979.3899	2133.691	-1.1219	1.20E-29	1.51E-28	TBRG4	chr7	-	45139699	45151646	3409
ENSG0000(	1126.676	1113.169	0.017677	0.91729	0.94419	DDX56	chr7	-	44605016	44614650	3028
ENSG0000(	217.4001	252.9715	-0.21806	0.23188	0.32543	HUS1	chr7	-	47735328	48019178	2935
ENSG0000(	396.0491	128.2403	1.6131	4.63E-08	1.86E-07	NACAD	chr7	-	45120037	45128513	4780
ENSG0000(	2506.512	783.1301	1.6703	2.26E-11	1.17E-10	DBNL	chr7	+	44084239	44109055	9618
ENSG0000(	1204.006	547.5924	1.1343	4.28E-20	3.62E-19	CCM2	chr7	+	45039074	45116068	5304
ENSG0000(	8.57969	8.727428	-0.01771	0.97875	0.98819	MYO1G	chr7	-	45002261	45018697	5672
ENSG0000(	17814.62	8447.88	1.0746	6.81E-14	4.15E-13	TTYH3	chr7	+	2671585	2704436	4840
ENSG0000(	0	6.564201	-4.2763	0.001644	0.00394	MMD2	chr7	-	4945620	4998844	2415
ENSG0000(	255.4078	212.7706	0.26442	0.10326	0.16583	TTC5	chr14	-	20724717	20774153	5014
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	NKX2-8	chr14	-	37049784	37051812	1261
ENSG0000(	31.74273	526.137	-4.031	1.72E-48	3.77E-47	ZFHX2	chr14	-	23990125	24025401	8855
ENSG0000(	1.370168	6.459801	-1.9776	0.092594	0.1515	MTHFS	chr15	-	80125927	80189721	907
ENSG0000(	1893.832	3991.737	-1.0736	1.18E-11	6.21E-11	ADAMTS7	chr15	-	79051545	79103773	5490
ENSG0000(	176.3461	671.894	-1.9259	7.08E-26	7.69E-25	ABHD17C	chr15	+	80972025	81047962	2435
ENSG0000(	1411.425	1742.987	-0.30435	0.002534	0.005902	IREB2	chr15	+	78729773	78793798	6354
ENSG0000(	36.57858	139.9555	-1.9252	2.15E-11	1.11E-10	ALPK3	chr15	+	85359911	85416713	10917
ENSG0000(	117.9875	94.60974	0.31673	0.15307	0.23098	TM6SF1	chr15	+	83776159	83813606	2074
ENSG0000(	101.0243	622.9937	-2.6203	1.24E-49	2.80E-48	CIB2	chr15	-	78396948	78423886	1598
ENSG0000(	484.9514	293.8842	0.71986	6.69E-05	0.000195	CALCOCO2	chr17	+	46908350	46943884	3682
ENSG0000(	660.7267	640.9202	0.043932	0.72562	0.797	RSAD1	chr17	+	48556161	48563336	2528
ENSG0000(	2483.918	2859.799	-0.20294	0.0436	0.078985	NMT1	chr17	+	43128978	43186384	4999
ENSG0000(	5.507977	31.88068	-2.4074	0.00157	0.003775	MYCBPAP	chr17	+	48585745	48608862	3186
ENSG0000(	3198.208	4263.324	-0.41301	0.065036	0.11189	SRSF1	chr17	-	56080854	56084707	2983
ENSG0000(	642.5646	803.0143	-0.32147	0.003111	0.007156	VEZF1	chr17	-	56048910	56065620	3946
ENSG0000(	23.74722	2.321872	3.2051	1.33E-05	4.21E-05	CHAD	chr17	-	48541857	48546327	1789
ENSG0000(	386.886	474.4056	-0.29352	0.055874	0.098002	TACO1	chr17	+	61678231	61685725	2304
ENSG0000(	611.2865	277.4547	1.136	9.34E-12	4.97E-11	TEX2	chr17	-	62224587	62340661	5232
ENSG0000(	3078.445	2714.593	0.18124	0.1744	0.25745	DCAF7	chr17	+	61627822	61671639	6351
ENSG0000(	0	13.96762	-5.4246	7.99E-06	2.60E-05	GH2	chr17	-	61957578	61959295	1138
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	CSH1	chr17	-	61972275	61974021	1586
ENSG0000(	934.4438	1167.854	-0.32072	0.027321	0.052278	LIMD2	chr17	-	61773262	61778532	3193
ENSG0000(	313.7779	312.2279	0.007662	0.96732	0.98142	BRIP1	chr17	-	59758627	59940882	6048
ENSG0000(	579.1142	4705.209	-3.0191	6.22E-168	8.78E-166	KAT7	chr17	+	47865917	47906458	3996
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RTP4	chr3	+	1.87E+08	1.87E+08	1554
ENSG0000(	968.8165	1200.024	-0.30815	0.015461	0.031233	ACTL6A	chr3	+	1.79E+08	1.79E+08	1901
ENSG0000(	564.635	782.616	-0.46914	0.000126	0.000355	NDUFB5	chr3	+	1.79E+08	1.79E+08	4046
ENSG0000(	472.8205	629.9084	-0.41186	0.055208	0.096959	MRPL47	chr3	-	1.79E+08	1.79E+08	1370
ENSG0000(	3168.254	3817.135	-0.26751	0.27121	0.37049	TRA2B	chr3	-	1.86E+08	1.86E+08	4485
ENSG0000(	18.8729	7.308753	1.3064	0.074229	0.12538	SCN2A	chr2	+	1.66E+08	1.66E+08	8792
ENSG0000(	0.290301	0.686276	-0.47648	0.78935	NA	TBR1	chr2	+	1.62E+08	1.62E+08	7185
ENSG0000(	1228.378	1041.878	0.23773	0.13508	0.20805	7-Mar	chr2	+	1.61E+08	1.61E+08	3743
ENSG0000(	0.290301	5.347004	-3.2735	0.013489	0.027607	ERMN	chr2	-	1.58E+08	1.58E+08	3793
ENSG0000(	265.8619	1.029414	7.6745	2.72E-26	2.99E-25	GALNT5	chr2	+	1.58E+08	1.58E+08	6171
ENSG0000(	0.36308	0.654722	-0.52647	0.7643	NA	SCN7A	chr2	-	1.67E+08	1.67E+08	7183
ENSG0000(	567.6054	117.5411	2.2696	1.78E-45	3.60E-44	TANK	chr2	+	1.62E+08	1.62E+08	2171

ENSG0000(	0	0.297015	-0.41864	0.81278	NA	BLK	chr8	+	11351510	11422113	2606
ENSG0000(	26.52522	24.17434	0.13654	0.81572	0.87067	GATA4	chr8	+	11534468	11617511	3414
ENSG0000(	2014.659	2475.683	-0.29611	0.15234	0.23004	SKIL	chr3	+	1.7E+08	1.7E+08	7182
ENSG0000(	2879.509	3465.535	-0.26674	0.028268	0.05385	EPRS	chr1	-	2.2E+08	2.2E+08	5014
ENSG0000(	1258.556	12.52947	6.4583	1.17E-27	1.37E-26	HLX	chr1	+	2.21E+08	2.21E+08	3323
ENSG0000(	512.7159	339.6592	0.59281	2.18E-05	6.71E-05	VPS45	chr1	+	1.5E+08	1.5E+08	2790
ENSG0000(	0.290301	0	0.4146	0.81455	NA	IL10	chr1	-	2.07E+08	2.07E+08	1630
ENSG0000(	906.5921	1026.992	-0.17935	0.13519	0.20817	KCTD3	chr1	+	2.16E+08	2.16E+08	3931
ENSG0000(	674.4067	275.3018	1.2911	3.36E-24	3.41E-23	RPS6KC1	chr1	+	2.13E+08	2.13E+08	5490
ENSG0000(	62.79377	21.33303	1.539	6.96E-06	2.27E-05	RASSF5	chr1	+	2.07E+08	2.07E+08	4499
ENSG0000(	285.0294	274.7212	0.052758	0.78818	0.84859	CBWD2	chr2	+	1.14E+08	1.14E+08	3305
ENSG0000(	0	2.131673	-2.2467	0.1949	0.28267	IL36G	chr2	+	1.14E+08	1.14E+08	1195
ENSG0000(	0.342542	0	0.4146	0.81455	NA	IL1RN	chr2	+	1.14E+08	1.14E+08	1922
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CFC1	chr2	-	1.31E+08	1.31E+08	1046
ENSG0000(	2044.477	2476.385	-0.2758	0.075663	0.12735	SMPD4	chr2	-	1.31E+08	1.31E+08	4896
ENSG0000(	1231.402	2306.849	-0.9049	7.47E-22	6.84E-21	WDR33	chr2	-	1.28E+08	1.29E+08	9471
ENSG0000(	376.5252	369.3353	0.026637	0.85151	0.89557	CCDC115	chr2	-	1.31E+08	1.31E+08	3562
ENSG0000(	1027.227	1068.789	-0.05703	0.60057	0.69445	SAP130	chr2	-	1.29E+08	1.29E+08	4173
ENSG0000(	2678.742	1005.172	1.4125	1.54E-38	2.60E-37	BIN1	chr2	-	1.28E+08	1.28E+08	5141
ENSG0000(	857.1739	1133.715	-0.40224	0.006456	0.014075	IMP4	chr2	+	1.31E+08	1.31E+08	2379
ENSG0000(	1210.314	2472.117	-1.0293	2.02E-24	2.07E-23	HS6ST1	chr2	-	1.29E+08	1.29E+08	3932
ENSG0000(	4490.567	2265.584	0.9855	2.41E-11	1.25E-10	UGGT1	chr2	+	1.29E+08	1.29E+08	10930
ENSG0000(	995.3462	424.8745	1.2267	9.26E-20	7.72E-19	GYPC	chr2	+	1.27E+08	1.27E+08	1805
ENSG0000(	391.1568	343.6855	0.18573	0.17885	0.26285	STAM	chr10	+	17686124	17757913	2972
ENSG0000(	0	79.94026	-7.7476	1.51E-11	7.91E-11	GAD2	chr10	+	26505236	26593487	5858
ENSG0000(	809.6647	567.8191	0.51036	0.000527	0.001362	ABI1	chr10	-	27035522	27150016	3728
ENSG0000(	3289.344	2314.968	0.50652	6.82E-05	0.000198	YME1L1	chr10	-	27399383	27444195	3994
ENSG0000(	531.013	206.0453	1.3644	7.94E-15	5.16E-14	DNAJC1	chr10	-	22045466	22292698	2106
ENSG0000(	349.2873	111.2771	1.6454	2.41E-20	2.06E-19	NIPSNAP3A	chr9	+	1.08E+08	1.08E+08	1633
ENSG0000(	2140.922	3350.876	-0.64468	0.000205	0.000561	LRRC8A	chr9	+	1.32E+08	1.32E+08	4619
ENSG0000(	9.18083	4.746527	0.88139	0.26607	0.3648	FRRS1L	chr9	-	1.12E+08	1.12E+08	1603
ENSG0000(	1390.22	1856.273	-0.41711	0.000158	0.000438	CDK9	chr9	+	1.31E+08	1.31E+08	2700
ENSG0000(	1860	1742.319	0.094447	0.33753	0.44128	TXN	chr9	-	1.13E+08	1.13E+08	869
ENSG0000(	1485.709	341.1771	2.1147	7.50E-24	7.48E-23	ODF2	chr9	+	1.31E+08	1.31E+08	3707
ENSG0000(	2146.728	3236.593	-0.59169	1.57E-08	6.57E-08	KIAA0368	chr9	-	1.14E+08	1.14E+08	7391
ENSG0000(	762.2357	378.8518	1.0081	1.46E-17	1.10E-16	TOR1B	chr9	+	1.33E+08	1.33E+08	2769
ENSG0000(	733.5441	672.5812	0.1255	0.48028	0.58449	C9orf78	chr9	-	1.33E+08	1.33E+08	2390
ENSG0000(	1113.906	966.6944	0.2037	0.48309	0.58727	SMC2	chr9	+	1.07E+08	1.07E+08	5976
ENSG0000(	176.0569	109.168	0.68727	0.022109	0.043218	KLF4	chr9	-	1.1E+08	1.1E+08	2813
ENSG0000(	1122.289	650.5275	0.78703	7.05E-11	3.53E-10	TOR1A	chr9	-	1.33E+08	1.33E+08	2076
ENSG0000(	76.49186	369.3124	-2.2615	1.21E-17	9.16E-17	RALGPS1	chr9	+	1.3E+08	1.3E+08	6336
ENSG0000(	16110.02	1874.551	3.0998	1.79E-162	2.40E-160	FAM129B	chr9	-	1.3E+08	1.3E+08	3957
ENSG0000(	423.3764	387.5479	0.12712	0.45139	0.55694	ST6GALNA(	chr9	-	1.31E+08	1.31E+08	1691
ENSG0000(	1.233984	12.28515	-2.9705	0.003551	0.008095	TMOD1	chr9	+	1E+08	1E+08	3259
ENSG0000(	2869.266	1770.446	0.6953	3.88E-07	1.44E-06	DAB2IP	chr9	+	1.24E+08	1.25E+08	6784
ENSG0000(	1220.453	893.7893	0.44727	0.054702	0.096131	STXBP1	chr9	+	1.3E+08	1.3E+08	3909
ENSG0000(	100.9873	431.5771	-2.0884	8.15E-33	1.16E-31	SLC2A8	chr9	+	1.3E+08	1.3E+08	2172
ENSG0000(	2097.041	119.4963	4.1233	1.73E-114	1.23E-112	ANGPTL2	chr9	-	1.3E+08	1.3E+08	3707
ENSG0000(	1645.173	1147.878	0.51871	9.56E-05	0.000273	CDK5RAP2	chr9	-	1.23E+08	1.23E+08	6235
ENSG0000(	63.03616	65.66685	-0.04826	0.88832	0.92217	ZFP37	chr9	-	1.16E+08	1.16E+08	6266
ENSG0000(	1.628766	0	2.1781	0.19145	NA	SLC31A2	chr9	+	1.16E+08	1.16E+08	1785
ENSG0000(	1169.96	1172.102	-0.00241	0.98186	0.98993	SLC31A1	chr9	+	1.16E+08	1.16E+08	4744
ENSG0000(	265.4818	0.686276	8.0719	7.77E-23	7.44E-22	TLR4	chr9	+	1.2E+08	1.2E+08	4844
ENSG0000(	318.8213	166.9234	0.93246	7.89E-09	3.38E-08	ZNF189	chr9	+	1.04E+08	1.04E+08	3134
ENSG0000(	0.632843	0.715414	-0.08242	0.96193	NA	ALDOB	chr9	-	1.04E+08	1.04E+08	2451
ENSG0000(	219.1527	171.9979	0.34661	0.10546	0.16884	STX17	chr9	+	1.03E+08	1.03E+08	2708
ENSG0000(	853.1317	852.5137	0.001438	0.9935	0.99653	PRPF4	chr9	+	1.16E+08	1.16E+08	3212
ENSG0000(	1207.368	1418.634	-0.23181	0.036912	0.068317	FPGS	chr9	+	1.31E+08	1.31E+08	2339
ENSG0000(	758.014	543.628	0.47772	0.017926	0.035746	USP20	chr9	+	1.33E+08	1.33E+08	4458
ENSG0000(	1.338465	4.039977	-1.3835	0.25322	0.35016	BAAT	chr9	-	1.04E+08	1.04E+08	3377
ENSG0000(	2.967231	16.04913	-2.3378	0.000986	0.002449	KIF12	chr9	-	1.17E+08	1.17E+08	2564
ENSG0000(	1051.907	1611.315	-0.61337	0.000858	0.002151	ATP6V1G1	chr9	+	1.17E+08	1.17E+08	1080
ENSG0000(	636.0633	1198.664	-0.91213	3.04E-09	1.34E-08	TEX10	chr9	-	1.03E+08	1.03E+08	4457
ENSG0000(	26.14999	133.3226	-2.3229	4.13E-10	1.96E-09	GARNL3	chr9	+	1.3E+08	1.3E+08	4816
ENSG0000(	300.6467	561.6952	-0.89727	6.97E-08	2.75E-07	MRPL50	chr9	-	1.04E+08	1.04E+08	3332

ENSG0000(	691.8919	666.1153	0.056544	0.68964	0.76864	DPM2	chr9	-	1.31E+08	1.31E+08	1662
ENSG0000(	0.632843	3.80936	-2.1386	0.10333	0.16593	WDR38	chr9	+	1.28E+08	1.28E+08	1252
ENSG0000(	387.7087	298.9119	0.37432	0.016318	0.032813	TSTD2	chr9	-	1E+08	1E+08	4320
ENSG0000(	351.1812	19.6869	4.144	1.68E-56	4.51E-55	GABBR2	chr9	-	1.01E+08	1.01E+08	5761
ENSG0000(	2518.064	2027.704	0.31232	0.027505	0.052581	PSMB7	chr9	-	1.27E+08	1.27E+08	988
ENSG0000(	0	17.01873	-5.5821	1.11E-05	3.55E-05	NR5A1	chr9	-	1.27E+08	1.27E+08	3104
ENSG0000(	73.49293	87.95463	-0.25431	0.52619	0.628	C9orf156	chr9	-	1.01E+08	1.01E+08	2971
ENSG0000(	619.6833	491.2109	0.3349	0.008705	0.018511	RABEPK	chr9	+	1.28E+08	1.28E+08	2450
ENSG0000(	332.1501	188.3367	0.81351	2.07E-06	7.19E-06	GOLGA1	chr9	-	1.28E+08	1.28E+08	4801
ENSG0000(	136.7371	72.9676	0.90038	0.000169	0.000469	XPA	chr9	-	1E+08	1E+08	1584
ENSG0000(	1077.756	961.3921	0.16471	0.33687	0.44065	NCBP1	chr9	+	1E+08	1E+08	5178
ENSG0000(	2172.347	2794.389	-0.36255	0.000267	0.000719	ANP32B	chr9	+	1.01E+08	1.01E+08	1463
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	OR1L4	chr9	+	1.25E+08	1.25E+08	936
ENSG0000(	653.9292	441.22	0.56771	2.21E-06	7.63E-06	PDCL	chr9	-	1.26E+08	1.26E+08	2813
ENSG0000(	6861.644	10653.77	-0.63426	7.38E-11	3.69E-10	RPL35	chr9	-	1.28E+08	1.28E+08	785
ENSG0000(	15.69671	927.2937	-5.8681	1.69E-110	1.14E-108	CTSL2	chr9	-	99794940	99801925	1546
ENSG0000(	19.58367	337.7956	-4.0632	4.82E-54	1.22E-52	LMX1B	chr9	+	1.29E+08	1.29E+08	5809
ENSG0000(	903.446	955.058	-0.07985	0.69796	0.77494	ARPC5L	chr9	+	1.28E+08	1.28E+08	2498
ENSG0000(	83.12911	155.6725	-0.89704	0.000851	0.002137	ENPP2	chr8	-	1.21E+08	1.21E+08	3647
ENSG0000(	205.1757	733.3777	-1.8323	1.17E-20	1.02E-19	DSCC1	chr8	-	1.21E+08	1.21E+08	2314
ENSG0000(	1027.575	586.5545	0.80714	2.56E-08	1.05E-07	DERL1	chr8	-	1.24E+08	1.24E+08	5513
ENSG0000(	800.1325	1939.372	-1.2737	1.19E-13	7.16E-13	MYC	chr8	+	1.29E+08	1.29E+08	2345
ENSG0000(	118.0654	15.15809	2.9361	3.25E-21	2.90E-20	NOV	chr8	+	1.2E+08	1.2E+08	2522
ENSG0000(	97.15442	0	8.1124	8.87E-14	5.36E-13	IL33	chr9	+	6215805	6257983	2641
ENSG0000(	320.5934	584.8796	-0.86617	4.39E-12	2.38E-11	C9orf123	chr9	-	7796490	7888380	2755
ENSG0000(	652.7033	447.7434	0.54438	0.000264	0.000712	RANBP6	chr9	-	6011043	6015618	4576
ENSG0000(	293.1056	528.8695	-0.85051	1.80E-07	6.88E-07	POLR1E	chr9	+	37485932	37503694	2229
ENSG0000(	699.6203	879.608	-0.32993	0.014452	0.029368	PLAA	chr9	-	26904081	26947461	4234
ENSG0000(	307.5992	56.04609	2.4486	3.24E-28	3.86E-27	IL11RA	chr9	+	34650699	34661889	3008
ENSG0000(	1249.801	1402.337	-0.16549	0.16173	0.24195	UBAP2	chr9	-	33921691	34048947	4572
ENSG0000(	549.2972	558.9056	-0.02503	0.87018	0.90956	APTX	chr9	-	32972604	33025166	2106
ENSG0000(	447.6756	933.9501	-1.0609	1.60E-19	1.31E-18	RNF38	chr9	-	36336393	36487545	5254
ENSG0000(	15195.44	3470.161	2.1291	2.30E-122	1.85E-120	TLN1	chr9	-	35696945	35732392	8823
ENSG0000(	0.36308	35.88661	-5.9043	4.87E-08	1.95E-07	SIT1	chr9	-	35649292	35650937	1231
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	IFNA21	chr9	-	21165636	21166659	1024
ENSG0000(	382.7774	678.1261	-0.82281	4.82E-07	1.77E-06	DNAJB5	chr9	+	34989638	34998897	5228
ENSG0000(	10.28124	5.064559	0.98907	0.16378	0.24444	SPAG8	chr9	-	35808042	35812269	2481
ENSG0000(	862.5177	303.1114	1.5075	6.24E-32	8.57E-31	DCTN3	chr9	-	34613548	34620515	3877
ENSG0000(	2.967231	25.75831	-2.944	0.000319	0.000851	CD72	chr9	-	35609530	35646807	2035
ENSG0000(	402.1189	232.3124	0.7869	0.001367	0.00332	TMEM8B	chr9	+	35814448	35854844	3713
ENSG0000(	1193.821	1158.832	0.042954	0.68007	0.76065	GRHPR	chr9	+	37422663	37436987	4762
ENSG0000(	740.9425	1232.343	-0.73317	4.96E-13	2.88E-12	ALDH1B1	chr9	+	38392661	38398658	3066
ENSG0000(	148.0021	145.4002	0.027959	0.885	0.91968	HINT2	chr9	-	35812957	35815351	2167
ENSG0000(	67.55668	332.0867	-2.2943	1.41E-32	1.99E-31	ARHGEF39	chr9	-	35658872	35675863	4498
ENSG0000(	4.503495	386.9985	-6.3891	1.31E-48	2.89E-47	IGFBPL1	chr9	-	38408991	38424444	1093
ENSG0000(	547.6472	376.8828	0.5385	0.00382	0.008657	DENND4C	chr9	+	19230433	19374139	7161
ENSG0000(	12863.86	18365.74	-0.51311	5.40E-06	1.79E-05	RPS6	chr9	-	19375713	19380252	1387
ENSG0000(	1529.977	1918.571	-0.32625	0.000423	0.001109	CNPY3	chr6	+	42896938	42907025	1704
ENSG0000(	1400.537	1963.573	-0.4865	0.002542	0.00592	FOXP4	chr6	+	41514164	41570122	5948
ENSG0000(	444.7622	919.5929	-1.0444	2.33E-08	9.59E-08	PPIL1	chr6	-	36822603	36842800	1739
ENSG0000(	469.8396	427.3197	0.13618	0.28336	0.3846	KLC4	chr6	+	43008515	43042837	3604
ENSG0000(	1040.972	770.0813	0.43408	0.003666	0.008334	KIF13A	chr6	-	17759414	17987854	6924
ENSG0000(	233.8803	178.3401	0.39366	0.026206	0.050329	ZSCAN9	chr6	+	28192664	28201260	2062
ENSG0000(	749.109	2125.353	-1.497	2.66E-09	1.18E-08	PIM1	chr6	+	37137979	37143202	2650
ENSG0000(	104.154	8.359984	3.5946	3.58E-17	2.64E-16	GMPR	chr6	+	16238811	16295780	1515
ENSG0000(	962.0917	976.2581	-0.02077	0.85714	0.89967	FTSJD2	chr6	+	37400995	37450603	4033
ENSG0000(	184.1825	14.1748	3.6698	1.17E-34	1.76E-33	TFAP2A	chr6	-	10393419	10419892	3317
ENSG0000(	0.342542	13.62374	-4.4777	0.000309	0.000826	SLC22A7	chr6	+	43263432	43273276	2555
ENSG0000(	2481.44	1402.711	0.82281	1.52E-12	8.55E-12	YIPF3	chr6	-	43479565	43484728	1674
ENSG0000(	225.5421	365.0822	-0.69264	1.58E-05	4.95E-05	TMEM14B	chr6	+	10747992	10930656	1589
ENSG0000(	794.0921	1159.685	-0.54549	0.000374	0.000987	TMEM63B	chr6	+	44094651	44123256	3318
ENSG0000(	164.4959	80.43823	1.0284	2.67E-06	9.16E-06	FRS3	chr6	-	41737914	41754280	2174
ENSG0000(	507.2996	608.2572	-0.26068	0.10162	0.16357	TJAP1	chr6	+	43445261	43474294	3468
ENSG0000(	6.898683	42.57214	-2.5688	3.44E-07	1.28E-06	CAPN11	chr6	+	44126548	44152139	2728
ENSG0000(	3.963155	0	3.5323	0.014827	0.030063	TINAG	chr6	+	54172657	54254950	1754

ENSG0000(	0.685084	0.98329	-0.35409	0.8342	NA	HCRTR2	chr6	+	55039050	55147418	1837
ENSG0000(	0.342542	0	0.4146	0.81455	NA	HIST1H2AB	chr6	-	26033320	26033796	477
ENSG0000(	2.177666	37.50596	-3.8942	7.17E-09	3.08E-08	KIAA0319	chr6	-	24544332	24646383	6896
ENSG0000(	0.705622	15.71083	-4.0961	7.43E-05	0.000215	IRF4	chr6	+	391739	411447	5331
ENSG0000(	74.48543	1984.803	-4.7147	1.93E-91	9.80E-90	SLC22A23	chr6	-	3269196	3457256	6641
ENSG0000(	1652.361	1882.738	-0.18735	0.40738	0.51211	TUBB2A	chr6	-	3153903	3157760	1595
ENSG0000(	226.615	262.478	-0.21255	0.28525	0.38665	LRRC1	chr6	+	53659295	53788919	3180
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	GCM1	chr6	-	52991762	53013627	2765
ENSG0000(	1.286224	1.623443	-0.27274	0.84252	0.8896	FOXF2	chr6	+	1390069	1395832	2187
ENSG0000(	202.9604	243.5799	-0.26129	0.1018	0.16382	BPHL	chr6	+	3118608	3153812	3723
ENSG0000(	708.9371	330.7441	1.0925	0.000312	0.000835	RIPK1	chr6	+	3064225	3115421	4160
ENSG0000(	1492.417	11692.09	-2.9671	5.76E-178	9.70E-176	TUBB2B	chr6	-	3224495	3231964	2020
ENSG0000(	775.4219	661.7741	0.228	0.073545	0.12439	MNF1	chr6	-	33665345	33679504	507
ENSG0000(	5886.125	48959.32	-3.0546	5.38E-289	2.35E-286	HMGA1	chr6	+	34204650	34214008	2159
ENSG0000(	399.4657	166.1052	1.2661	1.04E-16	7.50E-16	TCF19	chr6	+	31126319	31134936	3290
ENSG0000(	3204.451	2685.142	0.2546	0.058331	0.1019	FLOT1	chr6	-	30695486	30710510	1912
ENSG0000(	1807.92	2112.065	-0.22331	0.38112	0.48522	IER3	chr6	-	30710976	30712331	1350
ENSG0000(	1073.188	1714.235	-0.67537	1.29E-11	6.77E-11	MDC1	chr6	-	30667584	30685666	7576
ENSG0000(	218.9561	138.166	0.65995	0.002173	0.005113	PGBD1	chr6	+	28249314	28270326	3114
ENSG0000(	438.5914	249.0441	0.81525	5.65E-08	2.25E-07	ATAT1	chr6	+	30594619	30614600	2646
ENSG0000(	277.986	379.9401	-0.44962	0.006625	0.014399	TPMT	chr6	-	18128542	18155305	3181
ENSG0000(	15.25987	71.15154	-2.2093	1.07E-07	4.16E-07	RNF144B	chr6	+	18368779	18469105	5036
ENSG0000(	521.0841	522.7926	-0.00341	0.98228	0.99011	NRM	chr6	-	30655824	30659197	1755
ENSG0000(	4926.103	4289.761	0.19937	0.019939	0.039366	MTCH1	chr6	-	36935917	36954074	2057
ENSG0000(	726.9649	1426.212	-0.9702	2.14E-09	9.57E-09	VARS2	chr6	+	30876019	30894236	6054
ENSG0000(	462.619	557.9429	-0.27064	0.024133	0.046741	TAF8	chr6	+	42018251	42055199	6680
ENSG0000(	630.6927	321.711	0.96801	1.03E-08	4.36E-08	FAM8A1	chr6	+	17600586	17611950	4677
ENSG0000(	3.733653	8.729844	-1.1204	0.17344	0.25623	C6orf52	chr6	-	10671651	10695030	682
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	FGFBP1	chr4	-	15937192	15940363	1359
ENSG0000(	2.717192	1.326428	0.84765	0.55066	0.65041	FGFBP2	chr4	-	15961866	15970932	1168
ENSG0000(	307.2383	60.24143	2.3468	1.33E-30	1.73E-29	CPEB2	chr4	+	15004298	15071777	6878
ENSG0000(	23.89278	831.5257	-5.1112	1.86E-122	1.50E-120	FHDC1	chr4	+	1.54E+08	1.54E+08	6583
ENSG0000(	6.007242	14.45966	-1.2359	0.052552	0.092862	TLR2	chr4	+	1.55E+08	1.55E+08	4200
ENSG0000(	1.774324	4.675298	-1.2691	0.2652	0.36379	MGARP	chr4	-	1.4E+08	1.4E+08	1339
ENSG0000(	11.48433	0	5.1203	4.11E-05	0.000123	TTC29	chr4	-	1.48E+08	1.48E+08	2226
ENSG0000(	10.98507	24.66162	-1.1445	0.030437	0.057487	MYO7A	chr11	+	76839310	76926284	7462
ENSG0000(	387.6571	116.2439	1.7299	1.32E-14	8.45E-14	FCHSD2	chr11	-	72547790	72853306	4509
ENSG0000(	267.8077	1689.042	-2.6498	1.16E-49	2.63E-48	ARRB1	chr11	-	74975226	75062873	3336
ENSG0000(	4.773258	1.888903	1.1636	0.28247	0.38356	SLCO2B1	chr11	+	74811608	74917594	5875
ENSG0000(	650.0536	591.6556	0.13567	0.26723	0.36593	PRKRIR	chr11	-	76061000	76092015	6795
ENSG0000(	210.0493	87.48715	1.2605	3.15E-11	1.62E-10	ANKRD42	chr11	+	82904781	82971736	4066
ENSG0000(	114.181	123.7815	-0.11281	0.59966	0.69368	IL18BP	chr11	+	71709587	71716761	4080
ENSG0000(	3606.39	2598.627	0.47257	1.50E-07	5.77E-07	NUMA1	chr11	-	71713910	71791739	7343
ENSG0000(	688.2558	521.8947	0.39907	0.002019	0.004776	CCDC90B	chr11	-	82970139	82997450	4014
ENSG0000(	390.4422	54.36343	2.8319	1.46E-26	1.63E-25	SYTL2	chr11	-	85405267	85522184	6314
ENSG0000(	293.3024	113.9186	1.3626	2.51E-12	1.39E-11	RAB30	chr11	-	82684175	82782965	9929
ENSG0000(	1099.364	1022.743	0.10381	0.44761	0.55306	CREBZF	chr11	-	85370752	85393951	4329
ENSG0000(	78.03506	21.71987	1.8248	3.90E-07	1.45E-06	LRRC32	chr11	-	76368568	76381791	4311
ENSG0000(	784.9627	789.7279	-0.00799	0.95047	0.96907	PRCP	chr11	-	82534544	82681626	7072
ENSG0000(	225.9365	620.167	-1.4537	2.81E-15	1.88E-14	NARS2	chr11	-	78147007	78285919	2519
ENSG0000(	492.3744	340.6551	0.53081	0.005206	0.011563	RNF121	chr11	+	71639747	71708643	2625
ENSG0000(	540.8869	938.5614	-0.79323	1.91E-06	6.67E-06	MRPL15	chr8	+	55047770	55060461	1147
ENSG0000(	151.1194	17.56979	3.0846	2.51E-22	2.35E-21	PI15	chr8	+	75736772	75767264	6732
ENSG0000(	0.72616	3.290593	-1.8482	0.17157	0.25407	TTPA	chr8	-	63961112	63998612	2338
ENSG0000(	667.8027	327.8117	1.0263	2.43E-11	1.25E-10	GGH	chr8	-	63927638	63951730	1607
ENSG0000(	45.13594	181.5967	-2.0006	5.54E-17	4.05E-16	SLCO5A1	chr8	-	70584568	70747299	3790
ENSG0000(	2658.959	335.8457	2.9695	3.64E-32	5.06E-31	SULF1	chr8	+	70378859	70573150	5710
ENSG0000(	405.9398	683.0773	-0.74863	1.02E-07	3.98E-07	TGS1	chr8	+	56685701	56738007	3782
ENSG0000(	1849.91	1322.921	0.48314	0.003423	0.007825	SDCBP	chr8	+	59465483	59495419	3589
ENSG0000(	360.0407	198.1167	0.86273	8.73E-07	3.13E-06	NEK1	chr4	-	1.7E+08	1.71E+08	5653
ENSG0000(	176.4253	98.81971	0.83444	0.00061	0.001563	DDX60	chr4	-	1.69E+08	1.69E+08	6071
ENSG0000(	0.685084	0	0.85004	0.63064	NA	NXPE4	chr11	-	1.14E+08	1.14E+08	1822
ENSG0000(	222.5459	2722.094	-3.6018	7.21E-91	3.63E-89	SORL1	chr11	+	1.21E+08	1.22E+08	10904
ENSG0000(	0	17.56006	-5.7632	1.11E-06	3.94E-06	TMPRSS4	chr11	+	1.18E+08	1.18E+08	5550
ENSG0000(	417.3421	519.9783	-0.31442	0.087922	0.14489	BUD13	chr11	-	1.17E+08	1.17E+08	2196

ENSG0000(	0	51.25263	-7.2547	6.08E-11	3.06E-10	TRPC6	chr11	-	1.01E+08	1.02E+08	4612
ENSG0000(	0.975385	0	1.2767	0.47406	NA	MMP7	chr11	-	1.02E+08	1.02E+08	1323
ENSG0000(	30.98568	11.39653	1.3834	0.016402	0.032967	C11orf70	chr11	+	1.02E+08	1.02E+08	2193
ENSG0000(	713.4733	1367.651	-0.93805	8.14E-14	4.94E-13	DCUN1D5	chr11	-	1.03E+08	1.03E+08	1535
ENSG0000(	2893.523	2484.89	0.21953	0.015088	0.030554	YAP1	chr11	+	1.02E+08	1.02E+08	5386
ENSG0000(	6.213599	0.357707	3.4621	0.007498	0.016127	TRIM29	chr11	-	1.2E+08	1.2E+08	3328
ENSG0000(	229.3781	869.2381	-1.9188	1.08E-36	1.73E-35	SLC37A4	chr11	-	1.19E+08	1.19E+08	5862
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	BTG4	chr11	-	1.11E+08	1.11E+08	1394
ENSG0000(	2.085163	3.959884	-0.85673	0.4316	0.53711	POU2F3	chr11	+	1.2E+08	1.2E+08	3013
ENSG0000(	1792.54	1104.943	0.69776	6.68E-07	2.42E-06	RDX	chr11	-	1.1E+08	1.1E+08	4491
ENSG0000(	679.6474	1530.115	-1.1667	3.15E-08	1.28E-07	PPP2R1B	chr11	-	1.12E+08	1.12E+08	5587
ENSG0000(	190.5531	298.818	-0.64409	0.00053	0.00137	FDX1	chr11	+	1.1E+08	1.1E+08	3206
ENSG0000(	23.23761	82.51229	-1.8141	1.08E-07	4.20E-07	C11orf1	chr11	+	1.12E+08	1.12E+08	2885
ENSG0000(	337.0414	74.47612	2.1722	1.18E-19	9.80E-19	FXYD6	chr11	-	1.18E+08	1.18E+08	2171
ENSG0000(	4.906837	2.324288	0.99424	0.3083	0.41004	ARHGAP20	chr11	-	1.1E+08	1.11E+08	6189
ENSG0000(	8.121502	1.073121	2.6247	0.021383	0.041917	FXYD2	chr11	-	1.18E+08	1.18E+08	1567
ENSG0000(	2406.991	0.343138	11.602	9.46E-39	1.61E-37	MMP13	chr11	-	1.03E+08	1.03E+08	2716
ENSG0000(	4.886299	35.71743	-2.7959	1.93E-07	7.34E-07	TMPRSS13	chr11	-	1.18E+08	1.18E+08	3269
ENSG0000(	6.172523	0	4.2146	0.001788	0.004265	CASP1	chr11	-	1.05E+08	1.05E+08	2001
ENSG0000(	219.6438	136.4669	0.68283	0.042392	0.077123	ALKBH8	chr11	-	1.07E+08	1.07E+08	4079
ENSG0000(	301.5709	313.1154	-0.0536	0.78028	0.84228	MAP2K5	chr15	+	67835047	68099461	2347
ENSG0000(	6.42077	0.700845	2.7745	0.0231	0.044975	SQRDL	chr15	+	45923346	45983492	2003
ENSG0000(	763.9136	648.7132	0.23613	0.21453	0.30546	CTDSPL2	chr15	+	44719432	44821236	6828
ENSG0000(	1376.666	1706.358	-0.30829	0.1816	0.26633	SLTM	chr15	-	59171244	59225852	4147
ENSG0000(	23195.81	390.3765	5.7642	2.10E-28	2.52E-27	THBS1	chr15	+	39873280	39891667	7775
ENSG0000(	797.2404	206.273	1.948	9.56E-52	2.29E-50	MAPKBP1	chr15	+	42066632	42120053	7232
ENSG0000(	954.1596	1661.608	-0.79911	1.47E-08	6.17E-08	NUSAP1	chr15	+	41624892	41673248	2409
ENSG0000(	281.2234	215.6562	0.37969	0.049022	0.087471	NDUFAF1	chr15	-	41679551	41694717	1585
ENSG0000(	858.332	1108.732	-0.36779	0.01235	0.025465	KIF23	chr15	+	69706585	69740764	3610
ENSG0000(	1351.336	3.650716	8.4053	3.44E-84	1.55E-82	ITGA11	chr15	-	68594050	68724501	5013
ENSG0000(	820.5045	430.033	0.92881	0.000241	0.000654	CASC5	chr15	+	40886218	40956540	9573
ENSG0000(	434.5963	428.07	0.022965	0.9094	0.93772	HAUS2	chr15	+	42841008	42862192	3949
ENSG0000(	1715.171	2308.397	-0.42843	5.65E-05	0.000166	RTF1	chr15	+	41700606	41775761	5021
ENSG0000(	370.5856	269.7796	0.45601	0.043201	0.07839	PARP6	chr15	-	72533522	72565340	3657
ENSG0000(	14665.03	18918.02	-0.36717	2.38E-05	7.30E-05	RPLP1	chr15	+	69745123	69748255	1962
ENSG0000(	7.386782	137.9719	-4.1949	3.88E-27	4.41E-26	PAQR5	chr15	+	69591286	69700119	5480
ENSG0000(	70.0984	88.33665	-0.32704	0.37414	0.47837	LRRC49	chr15	+	71145578	71342414	3061
ENSG0000(	682.6006	613.4839	0.15435	0.19857	0.28691	TUBGCP4	chr15	+	43661419	43699293	4379
ENSG0000(	592.4899	652.8439	-0.1393	0.36068	0.46483	RMDN3	chr15	-	41028082	41048049	3138
ENSG0000(	157.7037	8.801074	4.104	6.74E-29	8.22E-28	ITPKA	chr15	+	41785591	41795747	1822
ENSG0000(	840.3802	562.2649	0.57965	0.001073	0.002648	UACA	chr15	-	70946893	71055932	6939
ENSG0000(	226.6014	306.5969	-0.43445	0.078233	0.13102	SMAD6	chr15	+	66994566	67074338	2987
ENSG0000(	47.41809	249.5779	-2.3841	6.75E-19	5.38E-18	PLCB2	chr15	-	40570377	40600136	4643
ENSG0000(	57.85344	26.33528	1.1159	0.00137	0.003328	TMEM62	chr15	+	43415477	43477344	2771
ENSG0000(	1.89853	54.52544	-4.6199	2.82E-12	1.55E-11	PAK6	chr15	+	40509629	40569688	4215
ENSG0000(	2374.505	1402.9	0.75875	1.69E-08	7.04E-08	ADAM10	chr15	-	58887403	59042177	5034
ENSG0000(	63.52735	20.60875	1.5866	0.000293	0.000785	DUOX1	chr15	+	45422131	45457774	5738
ENSG0000(	2.842212	2.840639	-0.001	0.99928	0.99973	SLC28A2	chr15	+	45544428	45568149	2464
ENSG0000(	357.5873	437.3907	-0.2891	0.18755	0.27359	STRA6	chr15	-	74471807	74504608	2887
ENSG0000(	0.290301	2.635871	-2.2835	0.1205	0.18946	CYP19A1	chr15	-	51500254	51630807	4417
ENSG0000(	336.7276	273.097	0.30355	0.077824	0.13041	ZNF280D	chr15	-	56922379	57210769	4902
ENSG0000(	10.85067	24.67532	-1.1518	0.029807	0.056438	SEMA6D	chr15	+	47476298	48066420	6099
ENSG0000(	1.306762	22.80353	-3.8705	3.61E-06	1.22E-05	BCL2L10	chr15	-	52401460	52404972	1249
ENSG0000(	890.3393	1722.946	-0.95033	4.87E-17	3.57E-16	RSL24D1	chr15	-	55473004	55489265	2015
ENSG0000(	393.3575	30.32833	3.6809	9.39E-63	2.93E-61	SPTBN5	chr15	-	42140345	42186275	11722
ENSG0000(	1.016461	0.654722	0.43895	0.7858	NA	GCOM1	chr15	+	57884106	58006943	3156
ENSG0000(	186.9356	365.2267	-0.96297	2.68E-06	9.19E-06	GCHFR	chr15	+	41056218	41059906	785
ENSG0000(	457.3065	256.5419	0.82966	6.23E-05	0.000182	BCAR3	chr1	-	94027347	94312706	3217
ENSG0000(	206.1056	56.56876	1.8602	2.36E-10	1.14E-09	TTLL7	chr1	-	84330711	84464833	8452
ENSG0000(	1600.573	2389.474	-0.57723	1.06E-06	3.79E-06	FNBP1L	chr1	+	93913688	94020218	5341
ENSG0000(	235.2888	350.5716	-0.57374	0.000157	0.000436	CCBL2	chr1	-	89401456	89458636	2070
ENSG0000(	241.8595	137.6803	0.8121	6.52E-06	2.14E-05	GTF2B	chr1	-	89318615	89357627	1351
ENSG0000(	0.36308	1.416259	-1.3043	0.44028	NA	BRDT	chr1	+	92414928	92479983	3696
ENSG0000(	670.6815	954.5217	-0.50718	0.010313	0.021623	RABGGTB	chr1	+	76251879	76260764	3863
ENSG0000(	185.2984	0	8.9717	8.02E-17	5.81E-16	IFI44L	chr1	+	79085607	79108484	5152

ENSG0000(	0.290301	34.50997	-5.8795	5.10E-08	2.04E-07	GIPC2	chr1	+	78445226	78604133	3847
ENSG0000(	888.3247	65.92029	3.7445	4.35E-101	2.51E-99	ARHGAP29	chr1	-	94614544	94740624	8480
ENSG0000(	323.1304	0	9.7007	1.55E-19	1.27E-18	IFI44	chr1	+	79115481	79129763	1687
ENSG0000(	33.34419	50.71849	-0.60461	0.073014	0.12357	SLC44A5	chr1	-	75667816	76076801	4406
ENSG0000(	65.12897	111.5886	-0.76875	0.010931	0.022784	RP11-122C	chr1	-	97144430	97145176	747
ENSG0000(	1.286224	0.343138	1.3346	0.40921	NA	CLCA2	chr1	+	86889769	86922241	4025
ENSG0000(	0	1.188058	-1.268	0.47398	NA	DNASE2B	chr1	+	84864215	84880701	1269
ENSG0000(	292.8161	349.642	-0.25678	0.073525	0.12436	DBT	chr1	-	1.01E+08	1.01E+08	3538
ENSG0000(	700.8468	467.2567	0.58355	5.97E-07	2.17E-06	RTCA	chr1	+	1.01E+08	1.01E+08	2535
ENSG0000(	571.451	403.0027	0.50228	0.000105	0.000298	IFT172	chr2	-	27667238	27712656	5565
ENSG0000(	1098.076	985.2629	0.15659	0.1568	0.23583	EPT1	chr2	+	26531415	26618759	8101
ENSG0000(	11.40992	80.79512	-2.76	1.14E-11	6.00E-11	CGREF1	chr2	-	27321757	27341995	1902
ENSG0000(	1590.924	701.7156	1.1805	2.43E-29	3.02E-28	HADHB	chr2	+	26466038	26513336	2883
ENSG0000(	31.69147	122.7983	-1.9371	4.74E-13	2.75E-12	KHK	chr2	+	27309615	27323640	2411
ENSG0000(	1018.583	612.1588	0.7325	3.55E-08	1.44E-07	ADCY3	chr2	-	25042038	25142708	5050
ENSG0000(	808.6043	1592.666	-0.97716	4.24E-15	2.79E-14	PPM1B	chr2	+	44395108	44471523	3877
ENSG0000(	372.1362	686.637	-0.88163	2.03E-06	7.04E-06	PNPT1	chr2	-	55861400	55921045	4411
ENSG0000(	146.543	66.7546	1.1323	2.44E-07	9.19E-07	DYNC2LI1	chr2	+	44001178	44037149	2903
ENSG0000(	0	2.370411	-2.6458	0.10384	0.16657	LHCGR	chr2	-	48859428	48982880	3044
ENSG0000(	1102.666	917.3578	0.26495	0.010103	0.021223	SMEK2	chr2	-	55774428	55846015	5242
ENSG0000(	176.073	203.4023	-0.20951	0.24277	0.33811	THUMPD2	chr2	-	39963200	40006407	3148
ENSG0000(	654.336	71.49871	3.1887	1.90E-81	8.11E-80	CYP1B1	chr2	-	38294116	38337044	5247
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	SULT6B1	chr2	-	37394963	37423741	1027
ENSG0000(	3954.597	1715.606	1.2042	1.01E-34	1.53E-33	RAB1A	chr2	-	65297835	65357240	2447
ENSG0000(	9879.725	3487.685	1.5015	3.03E-72	1.13E-70	ACTR2	chr2	+	65454887	65498387	3861
ENSG0000(	1415.441	1000.058	0.50004	5.58E-05	0.000164	PREB	chr2	-	27353624	27357543	3057
ENSG0000(	707.9965	1850.211	-1.3796	1.26E-08	5.29E-08	SLC5A6	chr2	-	27422455	27435826	3231
ENSG0000(	1.048164	0.357707	0.98599	0.56649	NA	ABCG5	chr2	-	44039611	44066004	3033
ENSG0000(	660.0181	375.1318	0.81441	2.31E-06	7.97E-06	PREPL	chr2	-	44543420	44589001	6273
ENSG0000(	2.67693	2.24661	0.2047	0.85394	0.89735	SLC3A1	chr2	+	44502599	44548633	2989
ENSG0000(	31186.17	179.7591	7.421	0	0	EMILIN1	chr2	+	27301435	27309271	3938
ENSG0000(	949.1167	652.1863	0.53958	2.88E-06	9.82E-06	FBXO11	chr2	-	48016455	48132932	4055
ENSG0000(	0.290301	200.1521	-8.2552	2.60E-17	1.93E-16	SIX3	chr2	+	45168902	45173216	2658
ENSG0000(	474.0657	664.6569	-0.48499	0.000941	0.002345	ATRAID	chr2	+	27434895	27440046	1240
ENSG0000(	462.5248	376.0997	0.29865	0.11557	0.18289	CENPO	chr2	+	25016005	25045245	4386
ENSG0000(	1820.974	4288.602	-1.2341	2.09E-22	1.97E-21	LRPPRC	chr2	-	44113647	44223144	6335
ENSG0000(	1.265686	23.05509	-3.8153	6.27E-05	0.000183	TRIM54	chr2	+	27505260	27530307	2027
ENSG0000(	160.9425	463.0285	-1.5205	2.26E-17	1.68E-16	DTNB	chr2	-	25600067	25896503	2474
ENSG0000(	3821.893	2071.685	0.88292	8.98E-23	8.58E-22	ACTR1A	chr10	-	1.04E+08	1.04E+08	3519
ENSG0000(	21.31691	142.791	-2.7103	1.63E-19	1.34E-18	TMEM180	chr10	+	1.04E+08	1.04E+08	2834
ENSG0000(	0	7.365413	-4.4619	0.000807	0.002031	CYP2C8	chr10	-	96796530	96829254	2117
ENSG0000(	3433.371	18.37255	7.5177	1.40E-192	2.90E-190	MYOF	chr10	-	95066186	95242074	6842
ENSG0000(	1245.955	17.78993	6.0775	8.14E-140	7.99E-138	LOXL4	chr10	-	1E+08	1E+08	3653
ENSG0000(	132.2275	26.1718	2.3141	3.46E-17	2.56E-16	STAMBPL1	chr10	+	90639491	90734910	4184
ENSG0000(	49.89901	0.343138	6.3767	9.91E-10	4.57E-09	CH25H	chr10	-	90965694	90967071	1378
ENSG0000(	638.2568	555.6761	0.19845	0.11307	0.17936	ATAD1	chr10	-	89511269	89601100	4640
ENSG0000(	1.555988	1.012429	0.50169	0.73771	0.80658	BTBD16	chr10	+	1.24E+08	1.24E+08	1851
ENSG0000(	1338.664	1451.453	-0.11583	0.48311	0.58727	KIF11	chr10	+	94353043	94415150	4858
ENSG0000(	0	8.123662	-4.5369	0.000791	0.001994	CUZD1	chr10	-	1.25E+08	1.25E+08	2903
ENSG0000(	538.001	755.4435	-0.4872	0.04411	0.079742	TACC2	chr10	+	1.24E+08	1.24E+08	9673
ENSG0000(	404.0855	1010.664	-1.3204	7.15E-15	4.66E-14	DUSP5	chr10	+	1.12E+08	1.12E+08	2557
ENSG0000(	73.5631	104.5535	-0.50503	0.085072	0.1408	CALHM2	chr10	-	1.05E+08	1.05E+08	2026
ENSG0000(	745.8004	416.8426	0.83717	2.06E-12	1.15E-11	ARL3	chr10	-	1.04E+08	1.04E+08	1017
ENSG0000(	736.4591	327.9853	1.1647	2.51E-16	1.77E-15	CEP55	chr10	+	95256389	95288849	2638
ENSG0000(	700.1028	865.066	-0.30269	0.29174	0.39359	KIF20B	chr10	+	91461367	91534700	6520
ENSG0000(	294.4968	309.8387	-0.07459	0.66657	0.74943	ENTPD1	chr10	+	97471536	97637023	12589
ENSG0000(	110.9422	99.12061	0.1619	0.53021	0.63163	EXOC6	chr10	+	94590935	94819250	3567
ENSG0000(	351.9835	9.369996	5.2042	4.06E-60	1.18E-58	PLCE1	chr10	+	95753746	96088149	7992
ENSG0000(	1.233984	10.05627	-2.7152	0.005613	0.01237	RBP4	chr10	-	95351444	95361501	1314
ENSG0000(	300.2879	399.9035	-0.41152	0.03017	0.057041	DBR1	chr3	-	1.38E+08	1.38E+08	2666
ENSG0000(	1554.736	529.1517	1.5533	3.93E-23	3.82E-22	DNAJC13	chr3	+	1.32E+08	1.32E+08	7730
ENSG0000(	14.33771	3.010564	2.1413	0.006091	0.013345	GPR87	chr3	-	1.51E+08	1.51E+08	1608
ENSG0000(	1012.307	619.1643	0.70867	1.06E-09	4.90E-09	ANXA7	chr10	-	75135203	75173834	2174
ENSG0000(	380.3036	301.5381	0.33638	0.020837	0.040942	FAM149B1	chr10	+	74927924	75004262	5408
ENSG0000(	1727.243	1630.909	0.083036	0.37978	0.48381	NCOA4	chr10	+	51565108	51590734	3735

ENSG0000(	638.5113	661.697	-0.05096	0.77715	0.83989	TIMM23	chr10	-	51592080	51623365	1682
ENSG0000(	334.8769	411.0412	-0.29378	0.061484	0.10657	ASCC1	chr10	-	73856278	73976892	2422
ENSG0000(	0	1.485073	-1.5064	0.39745	NA	PLA2G12B	chr10	-	74694928	74714536	1128
ENSG0000(	620.3251	4.928605	6.882	1.63E-70	5.95E-69	ZNF365	chr10	+	64133951	64431771	4173
ENSG0000(	0.342542	1.234181	-1.1862	0.48567	NA	OIT3	chr10	+	74653339	74692791	2365
ENSG0000(	801.1804	108.1769	2.8745	4.08E-30	5.22E-29	ADAMTS14	chr10	+	72432559	72522197	5269
ENSG0000(	7290.647	10339.34	-0.50344	7.99E-06	2.60E-05	RPS24	chr10	+	79793518	79816570	2814
ENSG0000(	166.3416	1602.538	-3.2603	4.77E-105	2.97E-103	TET1	chr10	+	70320413	70454239	9288
ENSG0000(	252.2384	658.1706	-1.3811	2.11E-23	2.07E-22	DNA2	chr10	-	70173821	70231879	4416
ENSG0000(	13.41375	0.343138	4.5531	0.000109	0.000308	MYPN	chr10	+	69865912	69971774	6013
ENSG0000(	4.81352	61.21344	-3.5688	1.03E-12	5.86E-12	AOX1	chr2	+	2.01E+08	2.02E+08	5070
ENSG0000(	1059.166	2443.184	-1.205	1.15E-29	1.45E-28	ATIC	chr2	+	2.16E+08	2.16E+08	2275
ENSG0000(	506.5779	352.4777	0.52287	0.001555	0.003743	SMARCAL1	chr2	+	2.17E+08	2.17E+08	3271
ENSG0000(	407.9839	520.8837	-0.35132	0.005574	0.012292	BARD1	chr2	-	2.16E+08	2.16E+08	5499
ENSG0000(	8.455484	3.899191	1.0381	0.19441	0.28206	STAT4	chr2	-	1.92E+08	1.92E+08	2822
ENSG0000(	0.290301	0	0.4146	0.81455	NA	MSTN	chr2	-	1.91E+08	1.91E+08	2822
ENSG0000(	101.0988	55.59781	0.8556	0.004083	0.009213	ALS2CR8	chr2	+	2.04E+08	2.04E+08	5934
ENSG0000(	449.356	543.2636	-0.27179	0.24639	0.34229	ASNSD1	chr2	+	1.91E+08	1.91E+08	2450
ENSG0000(	327.2572	444.7649	-0.44163	0.002454	0.005728	METTL5	chr2	-	1.71E+08	1.71E+08	1370
ENSG0000(	1088.474	2170.264	-0.99321	9.41E-10	4.35E-09	SSB	chr2	+	1.71E+08	1.71E+08	2463
ENSG0000(	630.1144	520.9282	0.27472	0.018114	0.036084	NAB1	chr2	+	1.92E+08	1.92E+08	4358
ENSG0000(	4.233731	0.297015	2.7301	0.074375	0.12557	CDK15	chr2	+	2.03E+08	2.03E+08	3659
ENSG0000(	1219.562	1935.645	-0.66341	0.003217	0.007384	PPIG	chr2	+	1.7E+08	1.7E+08	6368
ENSG0000(	202.8439	453.3512	-1.1593	6.38E-15	4.17E-14	FASTKD1	chr2	-	1.7E+08	1.7E+08	2967
ENSG0000(	8.267059	22.25234	-1.3943	0.012971	0.026634	MDH1B	chr2	-	2.08E+08	2.08E+08	2553
ENSG0000(	515.865	92.03543	2.4799	9.21E-39	1.57E-37	HECW2	chr2	-	1.97E+08	1.97E+08	6926
ENSG0000(	2306.119	4775.028	-1.0479	4.39E-11	2.23E-10	IDH1	chr2	-	2.09E+08	2.09E+08	2441
ENSG0000(	943.6303	1285.157	-0.44549	1.57E-05	4.91E-05	OLA1	chr2	-	1.75E+08	1.75E+08	4417
ENSG0000(	374.3877	339.5245	0.14308	0.44225	0.54799	CIR1	chr2	-	1.75E+08	1.75E+08	1921
ENSG0000(	1279.501	136.8281	3.2241	3.83E-116	2.77E-114	SSFA2	chr2	+	1.83E+08	1.83E+08	6473
ENSG0000(	3428.443	0.343138	12.08	9.80E-43	1.85E-41	CHRNA1	chr2	-	1.76E+08	1.76E+08	1984
ENSG0000(	207.5369	713.9774	-1.7769	4.31E-38	7.21E-37	FAM117B	chr2	+	2.03E+08	2.04E+08	5772
ENSG0000(	409.8819	918.5992	-1.1622	2.92E-19	2.37E-18	WDR12	chr2	-	2.04E+08	2.04E+08	2282
ENSG0000(	1706.062	1679.42	0.022583	0.87151	0.91019	ABI2	chr2	+	2.04E+08	2.04E+08	6659
ENSG0000(	5103.238	729.6291	2.8044	1.61E-201	3.55E-199	ITGAV	chr2	+	1.87E+08	1.88E+08	7030
ENSG0000(	127.9742	6.692834	4.1803	4.83E-17	3.54E-16	SLC40A1	chr2	-	1.9E+08	1.9E+08	3442
ENSG0000(	397.9234	536.3871	-0.42853	0.001614	0.003872	SLC35A5	chr3	+	1.12E+08	1.12E+08	4399
ENSG0000(	141.4676	193.1566	-0.4456	0.050113	0.089125	DIRC2	chr3	+	1.23E+08	1.23E+08	3596
ENSG0000(	395.9457	98.67396	1.9997	6.66E-17	4.85E-16	SENP7	chr3	-	1.01E+08	1.01E+08	4945
ENSG0000(	3.04001	0	3.1035	0.041741	0.076064	GUCA1C	chr3	-	1.09E+08	1.09E+08	982
ENSG0000(	285.8046	390.5849	-0.44782	0.00181	0.004311	COX17	chr3	-	1.19E+08	1.19E+08	684
ENSG0000(	107.415	45.79639	1.2146	6.42E-06	2.11E-05	PARP9	chr3	-	1.22E+08	1.22E+08	6769
ENSG0000(	53.14538	77.90743	-0.54343	0.054774	0.096238	MNS1	chr15	-	56713742	56757335	2023
ENSG0000(	657.3517	695.0844	-0.07919	0.62957	0.71921	USP8	chr15	+	50716577	50793280	5848
ENSG0000(	1056.707	526.6941	1.002	1.57E-09	7.14E-09	SECISBP2L	chr15	-	49280673	49338760	7176
ENSG0000(	1394.237	886.3951	0.65276	5.34E-11	2.70E-10	TMOD3	chr15	+	52121825	52239492	4668
ENSG0000(	304.4016	154.5687	0.97067	0.000394	0.001037	SPPL2A	chr15	-	50999506	51058005	2329
ENSG0000(	594.4808	157.5867	1.9117	6.51E-40	1.14E-38	GLCE	chr15	+	69452923	69564556	5037
ENSG0000(	386.8392	608.5973	-0.65231	6.05E-05	0.000177	SHF	chr15	-	45459412	45493373	2500
ENSG0000(	170.7311	304.1688	-0.83436	2.95E-05	8.94E-05	APH1B	chr15	+	63568217	63601325	4189
ENSG0000(	566.3899	529.6241	0.096696	0.43683	0.54231	VWA9	chr15	-	65871091	65903627	2615
ENSG0000(	17986.03	0.686276	13.877	3.65E-79	1.51E-77	CILP	chr15	-	65488337	65503826	4454
ENSG0000(	237.5343	139.4803	0.76619	6.14E-05	0.000179	PARP16	chr15	-	65526798	65592956	2731
ENSG0000(	91.77921	233.1899	-1.3393	8.48E-11	4.22E-10	PPCDC	chr15	+	75315896	75409803	2250
ENSG0000(	0	569.126	-10.409	9.22E-22	8.41E-21	HCN4	chr15	-	73612200	73661605	7228
ENSG0000(	8039.161	679.2165	3.5555	1.54E-85	7.11E-84	SEMA7A	chr15	-	74701630	74726808	3885
ENSG0000(	668.1755	827.3429	-0.30676	0.014206	0.028927	UBL7	chr15	-	74738318	74753523	1720
ENSG0000(	330.6901	27.6552	3.5687	2.43E-44	4.76E-43	ARHGAP24	chr4	+	86396267	86923823	4661
ENSG0000(	254.66	236.1423	0.10906	0.51799	0.62074	FAM13A	chr4	-	89647106	90032549	5858
ENSG0000(	346.5708	31.57467	3.4349	6.10E-42	1.13E-40	HERC3	chr4	+	89442199	89629693	4974
ENSG0000(	26.60321	95.57456	-1.8295	1.36E-06	4.81E-06	HERC6	chr4	+	89299891	89364263	3781
ENSG0000(	5.799092	172.2027	-4.8589	1.71E-29	2.14E-28	HERC5	chr4	+	89378268	89427314	3513
ENSG0000(	1281.673	249.0864	2.3511	4.26E-18	3.28E-17	PCDH10	chr4	+	1.34E+08	1.34E+08	5366
ENSG0000(	0.923144	0	1.223	0.49292	NA	NDST4	chr4	-	1.16E+08	1.16E+08	3351
ENSG0000(	226.4179	507.0727	-1.1611	7.33E-10	3.42E-09	C4orf21	chr4	-	1.13E+08	1.14E+08	6652

ENSG0000(	358.9401	363.4407	-0.01723	0.93727	0.95862	AP1AR	chr4	+	1.13E+08	1.13E+08	2902
ENSG0000(	563.0472	438.2033	0.36252	0.025529	0.049187	COPS4	chr4	+	83955600	83996971	2273
ENSG0000(	6990.184	13543.1	-0.95263	2.42E-11	1.25E-10	HNRNPD	chr4	-	83273651	83295656	4597
ENSG0000(	0.705622	50.89574	-5.765	2.31E-10	1.12E-09	PRKG2	chr4	-	82009837	82136218	3431
ENSG0000(	17.39825	31.87235	-0.85892	0.085174	0.14093	RASGEF1B	chr4	-	82347547	82393082	6323
ENSG0000(	6887.456	1664.387	2.0477	4.11E-90	2.06E-88	SEC31A	chr4	-	83739814	83822319	4278
ENSG0000(	879.8598	0	11.014	6.32E-25	6.58E-24	FGF5	chr4	+	81187753	81257834	5234
ENSG0000(	21.77412	4.634006	2.1468	0.00161	0.003866	AGPAT9	chr4	+	84457067	84527028	2631
ENSG0000(	81.38053	1166.781	-3.8248	9.36E-62	2.83E-60	FGF2	chr4	+	1.24E+08	1.24E+08	6775
ENSG0000(	283.7389	197.615	0.5223	0.001564	0.003762	BBS7	chr4	-	1.23E+08	1.23E+08	3752
ENSG0000(	1319.524	533.695	1.3033	4.26E-11	2.17E-10	KIAA1109	chr4	+	1.23E+08	1.23E+08	15896
ENSG0000(	296.0023	10.82023	4.7508	3.98E-44	7.78E-43	BMPR1B	chr4	+	95679119	96079599	5567
ENSG0000(	650.1576	342.7304	0.92275	9.95E-12	5.28E-11	RAP1GDS1	chr4	+	99182535	99365012	3681
ENSG0000(	377.3995	534.5122	-0.50271	0.000121	0.000341	LARP1B	chr4	+	1.29E+08	1.29E+08	4891
ENSG0000(	8.330465	0.343138	3.8737	0.001871	0.004445	MMRN1	chr4	+	90800683	90875780	5217
ENSG0000(	81.20669	498.3824	-2.6091	6.40E-33	9.12E-32	PDE5A	chr4	-	1.2E+08	1.21E+08	7154
ENSG0000(	178.73	508.9364	-1.5093	1.69E-22	1.60E-21	PRDM5	chr4	-	1.22E+08	1.22E+08	5330
ENSG0000(	43.84132	5.300881	2.9869	5.81E-09	2.51E-08	TRPC3	chr4	-	1.23E+08	1.23E+08	3675
ENSG0000(	125.6835	99.35472	0.33665	0.15226	0.22993	NAAA	chr4	-	76831809	76862204	1897
ENSG0000(	532.658	889.7724	-0.73871	1.60E-06	5.61E-06	NUP54	chr4	-	77035812	77069668	2367
ENSG0000(	191.5324	139.1193	0.45834	0.017292	0.034606	BMP2K	chr4	+	79697496	79837526	6902
ENSG0000(	3117.994	5397.231	-0.78987	1.97E-06	6.85E-06	G3BP2	chr4	-	76567966	76649709	4883
ENSG0000(	7128.267	2673.808	1.4135	5.08E-38	8.46E-37	11-Sep	chr4	+	77870856	77961537	5593
ENSG0000(	869.7888	3370.892	-1.9515	9.89E-65	3.21E-63	FRAS1	chr4	+	78978724	79465423	12479
ENSG0000(	2589.016	844.4931	1.6127	3.27E-25	3.45E-24	SCARB2	chr4	-	77079890	77135046	4763
ENSG0000(	711.5392	231.9529	1.6119	1.05E-15	7.17E-15	CCNG2	chr4	+	78078304	78354542	5526
ENSG0000(	418.6563	393.8657	0.086812	0.74224	0.81051	CNOT6L	chr4	-	78634541	78740769	8843
ENSG0000(	2431.824	3136.586	-0.3658	0.063721	0.10996	USO1	chr4	+	76649777	76735382	3589
ENSG0000(	3.910914	5.240188	-0.39592	0.63842	0.72627	CDKL2	chr4	-	76503215	76555900	3383
ENSG0000(	516.408	2011.359	-1.9553	5.79E-24	5.80E-23	SHROOM3	chr4	+	77356253	77704406	11020
ENSG0000(	114.7257	168.8476	-0.55246	0.079293	0.13252	ANXA3	chr4	+	79472673	79531597	2924
ENSG0000(	484.1499	379.0297	0.35216	0.007778	0.016668	PPA2	chr4	-	1.06E+08	1.06E+08	1684
ENSG0000(	981.8999	635.1198	0.62362	0.061812	0.10707	CENPE	chr4	-	1.04E+08	1.04E+08	8612
ENSG0000(	195.2379	303.9967	-0.63617	9.13E-05	0.000262	GSTCD	chr4	+	1.07E+08	1.07E+08	4273
ENSG0000(	113.0457	81.29839	0.47762	0.050119	0.08913	INTS12	chr4	-	1.07E+08	1.07E+08	1975
ENSG0000(	12.55996	5.006282	1.2781	0.097017	0.15745	ENPEP	chr4	+	1.11E+08	1.11E+08	6943
ENSG0000(	319.8672	393.0075	-0.29565	0.16718	0.24853	CASP6	chr4	-	1.11E+08	1.11E+08	1548
ENSG0000(	970.3117	18.85976	5.6553	7.13E-105	4.41E-103	LEF1	chr4	-	1.09E+08	1.09E+08	3477
ENSG0000(	523.5115	715.7576	-0.45086	0.000216	0.000589	HADH	chr4	+	1.09E+08	1.09E+08	2044
ENSG0000(	36.35845	42.83511	-0.23076	0.48857	0.59264	EGF	chr4	+	1.11E+08	1.11E+08	4880
ENSG0000(	3083.607	1612.581	0.93414	1.03E-15	7.00E-15	PAPSS1	chr4	-	1.09E+08	1.09E+08	2731
ENSG0000(	798.0679	436.8817	0.86664	2.09E-05	6.45E-05	SEC24B	chr4	+	1.1E+08	1.1E+08	5083
ENSG0000(	0.685084	0	0.85004	0.63064	NA	C4orf17	chr4	+	1E+08	1E+08	2542
ENSG0000(	2107.241	1760.127	0.2591	0.013479	0.027588	PPP3CA	chr4	-	1.02E+08	1.02E+08	4685
ENSG0000(	333.5563	498.5659	-0.57779	0.010564	0.022094	SLC39A8	chr4	-	1.03E+08	1.03E+08	4032
ENSG0000(	0	2.370411	-2.6458	0.10384	0.16657	MTTP	chr4	+	1E+08	1.01E+08	4092
ENSG0000(	76131.52	2761.511	4.7824	0	0	FBN2	chr5	-	1.28E+08	1.28E+08	11132
ENSG0000(	3933.279	1339.379	1.5515	4.33E-27	4.92E-26	MAPK8IP3	chr16	+	1756184	1820318	5661
ENSG0000(	1785.253	187.8861	3.2294	4.87E-34	7.20E-33	RGS3	chr9	+	1.16E+08	1.16E+08	4591
ENSG0000(	1628.871	1442.875	0.1748	0.25027	0.34676	GUCD1	chr22	-	24936406	24951903	3613
ENSG0000(	0	2.07098	-2.4602	0.13507	0.20805	TTLL8	chr22	-	50453552	50495364	2549
ENSG0000(	624.5747	399.792	0.64349	1.98E-06	6.87E-06	RNF185	chr22	+	31556168	31602999	3165
ENSG0000(	1.971308	97.68488	-5.4238	9.22E-17	6.65E-16	KIAA1644	chr22	-	44639547	44708731	6751
ENSG0000(	17.40681	3.899191	2.0683	0.001789	0.004265	PARVG	chr22	+	44568836	44615413	5069
ENSG0000(	240.2361	552.7406	-1.1997	4.66E-12	2.52E-11	B4GALNT3	chr12	+	569530	672675	5068
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	PDE6H	chr12	+	15125956	15134799	747
ENSG0000(	1.866827	1.058552	0.70905	0.61206	0.70442	ERP27	chr12	-	15066969	15092016	2096
ENSG0000(	499.4204	155.179	1.6818	9.93E-24	9.87E-23	ETV6	chr12	+	11802788	12044558	2211
ENSG0000(	1429.817	1624.707	-0.18409	0.16276	0.24315	GABARAPL:	chr12	+	10365057	10375727	3214
ENSG0000(	160.1735	1026.12	-2.6678	9.03E-33	1.28E-31	KIF21A	chr12	-	39687030	39837192	6643
ENSG0000(	204.4812	63.55713	1.6809	3.86E-17	2.85E-16	CPNE8	chr12	-	39040624	39301232	3489
ENSG0000(	426.2116	804.0286	-0.91314	1.65E-09	7.47E-09	YARS2	chr12	-	32880424	32908836	2122
ENSG0000(	47.10725	552.6159	-3.5285	1.04E-33	1.53E-32	FGD4	chr12	+	32552463	32798984	8242
ENSG0000(	45.04441	44.38013	0.016301	0.95941	0.97558	ALG10	chr12	+	34175216	34182629	2393
ENSG0000(	1.016461	0.343138	0.95782	0.57832	NA	PIK3C2G	chr12	+	18400548	18801348	4840

ENSG0000(	612.9315	6138.958	-3.3219	6.42E-247	2.12E-244	FAM60A	chr12	-	31433518	31479992	3163
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	PLCZ1	chr12	-	18836103	18890991	2148
ENSG0000(	559.404	835.3814	-0.57856	0.000352	0.000932	AEBP2	chr12	+	19556979	19873735	3620
ENSG0000(	0.290301	0	0.4146	0.81455	NA	SLCO1C1	chr12	+	20848289	20906320	3466
ENSG0000(	26.43271	17.4427	0.6014	0.17069	0.25299	METTL20	chr12	+	31800094	31826048	6128
ENSG0000(	743.7745	895.0784	-0.26739	0.026177	0.050281	ETNK1	chr12	+	22778009	22843599	7159
ENSG0000(	639.1347	592.4075	0.11005	0.34757	0.45178	ZCRB1	chr12	-	42705880	42719920	1827
ENSG0000(	232.1846	10.86152	4.4091	6.50E-42	1.20E-40	TMEM117	chr12	+	44229770	44783545	2758
ENSG0000(	304.1655	65.93847	1.9856	0.063197	0.10915	PRICKLE1	chr12	-	42852140	42984157	4253
ENSG0000(	216.4332	199.3813	0.11565	0.60259	0.69604	C1RL	chr12	-	7242183	7261869	3394
ENSG0000(	142.1828	145.2213	-0.02617	0.90236	0.93256	NDUFA9	chr12	+	4714110	4798454	3334
ENSG0000(	1963.193	700.2015	1.4833	1.37E-16	9.78E-16	CLSTN3	chr12	+	7282294	7311541	4296
ENSG0000(	16.76199	29.45669	-0.78996	0.073023	0.12357	KLRG1	chr12	+	9102640	9163356	1335
ENSG0000(	120.2713	113.6647	0.081273	0.74156	0.80991	VAMP1	chr12	-	6571403	6580153	3449
ENSG0000(	36.46652	37.25024	-0.03036	0.93586	0.95766	TAPBPL	chr12	+	6560856	6575683	2344
ENSG0000(	1.576526	3.259039	-0.90375	0.43527	0.54073	CD27	chr12	+	6554033	6560884	1338
ENSG0000(	39.49699	25.92091	0.5914	0.11933	0.18797	RBP5	chr12	-	7276280	7281538	1012
ENSG0000(	673.8565	1396.688	-1.0499	1.20E-16	8.59E-16	PEX5	chr12	+	7341281	7371170	3252
ENSG0000(	420.0597	120.5978	1.7949	7.00E-31	9.26E-30	PIANP	chr12	-	6802958	6809966	2695
ENSG0000(	12.92565	76.50103	-2.5226	1.97E-11	1.03E-10	SLC38A4	chr12	-	47158546	47226191	3789
ENSG0000(	657.6962	148.6131	2.1406	1.09E-38	1.86E-37	AMIGO2	chr12	-	47469490	47473734	3763
ENSG0000(	1343.722	761.5758	0.81797	3.08E-06	1.05E-05	SCAF11	chr12	-	46312914	46385903	5296
ENSG0000(	2699.268	288.4102	3.2135	1.94E-43	3.74E-42	COL2A1	chr12	-	48366748	48398269	5071
ENSG0000(	40.92698	5.04999	2.9584	4.42E-08	1.78E-07	PPFIA2	chr12	-	81652045	82153332	5405
ENSG0000(	121.1987	151.0902	-0.31543	0.1955	0.28342	LLPH	chr12	-	66516842	66524548	1239
ENSG0000(	46.35876	98.48375	-1.0785	9.58E-05	0.000274	RPL14P1	chr12	+	63359095	63359764	670
ENSG0000(	1523.58	162.436	3.2197	5.32E-110	3.54E-108	LRIG3	chr12	-	59265931	59314303	4070
ENSG0000(	52.22125	57.184	-0.13389	0.65828	0.74249	9-Mar	chr12	+	58148881	58154190	2982
ENSG0000(	68.86776	80.69797	-0.22543	0.48238	0.58664	INHBE	chr12	+	57846106	57853063	2429
ENSG0000(	729.937	20.42171	5.152	9.39E-109	6.15E-107	GLIPR1	chr12	+	75874460	75897633	5877
ENSG0000(	0.685084	3.526915	-1.9658	0.14667	0.22265	TPH2	chr12	+	72332626	72580398	2992
ENSG0000(	1922.88	336.1501	2.5133	6.46E-83	2.85E-81	PHLDA1	chr12	-	76419227	76427712	8069
ENSG0000(	227.5116	91.84758	1.3059	5.50E-12	2.96E-11	TMEM19	chr12	+	72079867	72097836	4666
ENSG0000(	216.4095	18.57007	3.526	3.92E-38	6.56E-37	LGR5	chr12	+	71833550	71980090	4611
ENSG0000(	0.342542	1.012429	-0.95691	0.57869	NA	PTPRQ	chr12	+	80799774	81074013	7201
ENSG0000(	9251.054	2483.754	1.8924	5.18E-26	5.64E-25	DUSP6	chr12	-	89741009	89747048	4400
ENSG0000(	448.2181	264.5757	0.75625	7.07E-05	0.000205	POC1B	chr12	-	89813495	89919801	5840
ENSG0000(	814.6031	406.049	1.0027	1.14E-06	4.07E-06	TMTC3	chr12	+	88536073	88593664	7203
ENSG0000(	2703.106	2.416535	9.9546	2.54E-83	1.13E-81	LUM	chr12	-	91496406	91505608	3008
ENSG0000(	14.38653	0	5.4553	7.84E-06	2.55E-05	KERA	chr12	-	91444268	91451760	2162
ENSG0000(	974.2224	1935.481	-0.98901	6.98E-16	4.81E-15	SNRPF	chr12	+	96252706	96297606	1389
ENSG0000(	4.273994	9.794101	-1.1465	0.12079	0.18984	AMDHD1	chr12	+	96337071	96362370	2136
ENSG0000(	576.8782	344.3197	0.74511	2.52E-05	7.72E-05	NEDD1	chr12	+	97301001	97347129	3620
ENSG0000(	5.644162	6.552048	-0.21251	0.78343	0.84489	SYCP3	chr12	-	1.02E+08	1.02E+08	3690
ENSG0000(	0	1.40169	-1.7271	0.32809	NA	ASCL1	chr12	+	1.03E+08	1.03E+08	2472
ENSG0000(	526.1572	218.2401	1.2659	5.05E-10	2.38E-09	GAS2L3	chr12	+	1.01E+08	1.01E+08	3948
ENSG0000(	310.581	1965.183	-2.6573	2.47E-62	7.60E-61	TMEM132E	chr12	+	1.26E+08	1.26E+08	10906
ENSG0000(	440.8403	477.9729	-0.11759	0.42943	0.53486	SLC15A4	chr12	-	1.29E+08	1.29E+08	2776
ENSG0000(	809.8897	1126.035	-0.47291	0.062407	0.10796	TDG	chr12	+	1.04E+08	1.04E+08	3251
ENSG0000(	328.3862	536.205	-0.70487	4.17E-05	0.000124	C12orf52	chr12	+	1.14E+08	1.14E+08	2053
ENSG0000(	37.8014	14.91935	1.3247	0.00162	0.003887	SDSL	chr12	+	1.14E+08	1.14E+08	1449
ENSG0000(	743.4462	333.9661	1.151	2.16E-07	8.18E-07	MMAB	chr12	-	1.1E+08	1.1E+08	2725
ENSG0000(	744.5601	515.564	0.52839	0.009809	0.020649	GLTP	chr12	-	1.1E+08	1.1E+08	2356
ENSG0000(	344.6642	151.3698	1.1831	2.96E-10	1.42E-09	GIT2	chr12	-	1.1E+08	1.1E+08	5471
ENSG0000(	589.0535	122.659	2.2628	1.62E-50	3.75E-49	TCHP	chr12	+	1.1E+08	1.1E+08	3428
ENSG0000(	87.69601	102.411	-0.21814	0.67237	0.75473	FAM222A	chr12	+	1.1E+08	1.1E+08	3294
ENSG0000(	0	7.218922	-4.4095	0.001056	0.002608	FOXN4	chr12	-	1.1E+08	1.1E+08	3350
ENSG0000(	964.6182	894.2961	0.10898	0.35645	0.46074	NUPL1	chr13	+	25875662	25923938	6360
ENSG0000(	700.4241	215.7734	1.6937	5.74E-34	8.47E-33	MTMR6	chr13	-	25802307	25862147	5659
ENSG0000(	137.9794	5.395544	4.6251	7.28E-26	7.90E-25	SLC46A3	chr13	-	29274201	29293107	3178
ENSG0000(	2086.599	2058.13	0.019793	0.89285	0.92559	SLC7A1	chr13	-	30083547	30169825	7347
ENSG0000(	0	1.372552	-1.3974	0.43145	NA	PDX1	chr13	+	28494157	28500368	2501
ENSG0000(	219.8363	284.8061	-0.37364	0.011876	0.024564	LNX2	chr13	-	28120050	28194541	4625
ENSG0000(	412.1798	362.6213	0.1857	0.24526	0.34105	SUOX	chr12	+	56390964	56400425	2860
ENSG0000(	109.0423	71.64037	0.60373	0.007998	0.017095	CCDC65	chr12	+	49297893	49325623	2084

ENSG0000(	4.854596	5.635155	-0.21046	0.82227	0.87483	SLC39A5	chr12	+	56623833	56631630	2031
ENSG0000(	726.2832	1108.145	-0.608	3.25E-06	1.10E-05	TARBP2	chr12	+	53894705	53900215	1867
ENSG0000(	5.281082	32.87042	-2.5213	0.00064	0.001635	RDH16	chr12	-	57345219	57353158	3198
ENSG0000(	1.846289	0.700845	1.1017	0.46803	0.57278	DHH	chr12	-	49483204	49488602	1936
ENSG0000(	5.385563	3.336716	0.63581	0.4992	0.60295	ACVRL1	chr12	+	52300692	52317145	4121
ENSG0000(	1.608228	0.594029	0.97576	0.54887	0.64874	GPR84	chr12	-	54756229	54758271	2041
ENSG0000(	16.25417	4.738406	1.733	0.009258	0.019577	NPFF	chr12	-	53900472	53902004	1406
ENSG0000(	625.494	410.6285	0.6079	2.43E-06	8.36E-06	NABP2	chr12	+	56615799	56623638	1775
ENSG0000(	6.161358	32.75789	-2.3212	0.000347	0.00092	N4BP2L1	chr13	-	32974861	33002315	3046
ENSG0000(	2167.898	1157.832	0.9036	1.07E-17	8.10E-17	SMARCC2	chr12	-	56556767	56583351	4271
ENSG0000(	246.3231	221.2547	0.15561	0.63459	0.72319	BRCA2	chr13	+	32889611	32973805	10984
ENSG0000(	344.0302	404.6026	-0.23224	0.39377	0.49817	KANSL2	chr12	-	49047184	49076021	2714
ENSG0000(	882.3886	516.3012	0.77241	2.73E-09	1.21E-08	CERS5	chr12	-	50523575	50561288	2998
ENSG0000(	618.0054	293.4687	1.0662	0.000202	0.000552	MAP3K12	chr12	-	53874274	53893847	5627
ENSG0000(	5.975539	3.763237	0.59341	0.5089	0.61231	ITGB7	chr12	-	53585102	53601091	2867
ENSG0000(	194.8139	282.3192	-0.53616	0.001117	0.002751	GALNT6	chr12	-	51745031	51786651	5207
ENSG0000(	376.891	67.7777	2.4596	4.26E-34	6.32E-33	CSAD	chr12	-	53551447	53575135	2645
ENSG0000(	410.4336	651.0477	-0.66232	0.01162	0.024079	LMBR1L	chr12	-	49490919	49504683	2800
ENSG0000(	492.4928	603.0372	-0.28949	0.067032	0.11481	C12orf10	chr12	+	53693470	53700961	1369
ENSG0000(	3946.952	2313.831	0.77008	1.23E-12	6.94E-12	ESYT1	chr12	+	56512034	56538455	4388
ENSG0000(	7043.227	7728.573	-0.13375	0.21981	0.31164	TMBIM6	chr12	+	50101508	50158717	3254
ENSG0000(	4524.292	1001.434	2.1697	3.88E-34	5.76E-33	ANKRD52	chr12	-	56631591	56652175	8688
ENSG0000(	643.6483	428.4327	0.58536	1.77E-05	5.52E-05	ZNF740	chr12	+	53574484	53584596	4249
ENSG0000(	624.332	488.4869	0.35389	0.006906	0.014971	WDFY2	chr13	+	52158644	52336171	3649
ENSG0000(	104.4789	112.5143	-0.10218	0.73173	0.80187	HNRNPA1L	chr13	+	53191605	53217919	2365
ENSG0000(	278.756	50.95307	2.4465	3.30E-22	3.06E-21	LPAR6	chr13	-	48963707	49018840	3004
ENSG0000(	901.1927	628.8774	0.5197	3.68E-05	0.000111	ESD	chr13	-	47345391	47371367	1192
ENSG0000(	772.2704	247.0393	1.6417	7.09E-23	6.81E-22	RB1	chr13	+	48877887	49056122	4840
ENSG0000(	1170.175	1238.711	-0.08167	0.45192	0.55736	SBNO1	chr12	-	1.24E+08	1.24E+08	10981
ENSG0000(	10.85067	18.95288	-0.79198	0.12358	0.19364	MORN3	chr12	-	1.22E+08	1.22E+08	1427
ENSG0000(	1051.923	871.5256	0.27069	0.21263	0.30317	SETD1B	chr12	+	1.22E+08	1.22E+08	8195
ENSG0000(	145.8374	250.4018	-0.77574	0.001125	0.00277	VPS33A	chr12	-	1.23E+08	1.23E+08	4586
ENSG0000(	731.0292	452.1551	0.69187	4.51E-07	1.66E-06	VPS37B	chr12	-	1.23E+08	1.23E+08	3021
ENSG0000(	4.834058	14.24361	-1.4942	0.026666	0.051128	RHOF	chr12	-	1.22E+08	1.22E+08	3005
ENSG0000(	1544.473	1670.075	-0.11221	0.57375	0.67088	DENR	chr12	+	1.23E+08	1.23E+08	2769
ENSG0000(	606.5968	457.851	0.40593	0.000844	0.002119	DIAPH3	chr13	-	60239717	60738121	4804
ENSG0000(	8.278224	529.2036	-5.9562	2.56E-75	1.00E-73	SLAIN1	chr13	+	78272023	78338377	2637
ENSG0000(	966.3079	1053.655	-0.12491	0.25104	0.3477	RBM26	chr13	-	79885962	79980612	4132
ENSG0000(	0.653381	78.70628	-6.3928	2.97E-13	1.74E-12	SRRM4	chr12	+	1.19E+08	1.2E+08	8477
ENSG0000(	1.048164	0	1.348	0.44949	NA	METTL21C	chr13	-	1.03E+08	1.03E+08	1088
ENSG0000(	695.3051	22.74996	4.7482	3.68E-12	2.01E-11	MBNL2	chr13	+	97873688	98046374	4669
ENSG0000(	2.967231	1.387121	0.96195	0.44041	0.54617	RNF113B	chr13	-	98828039	98829519	1376
ENSG0000(	0.290301	1352.78	-10.834	6.30E-33	8.98E-32	ZIC5	chr13	-	1.01E+08	1.01E+08	4639
ENSG0000(	273.2772	157.2806	0.79692	1.05E-05	3.36E-05	ABHD13	chr13	+	1.09E+08	1.09E+08	5338
ENSG0000(	38.94206	142.8609	-1.8601	5.06E-10	2.38E-09	RAB20	chr13	-	1.11E+08	1.11E+08	1514
ENSG0000(	11.53576	574.802	-5.604	3.25E-86	1.52E-84	GRTP1	chr13	-	1.14E+08	1.14E+08	1446
ENSG0000(	1497.617	1908.883	-0.34972	0.003306	0.007575	CUL4A	chr13	+	1.14E+08	1.14E+08	3724
ENSG0000(	4.221753	3.212915	0.34932	0.74087	0.80934	TTC6	chr14	+	38065052	38510647	5833
ENSG0000(	1539.932	150.9067	3.3454	5.46E-72	2.02E-70	SSTR1	chr14	+	38677204	38682272	4295
ENSG0000(	474.0083	641.9412	-0.43606	0.000443	0.001161	CDH24	chr14	-	23516271	23526747	3552
ENSG0000(	4.607163	57.78447	-3.5552	1.86E-10	9.06E-10	REM2	chr14	+	23352374	23356895	1923
ENSG0000(	18.47552	7.267462	1.3108	0.01843	0.03667	CBLN3	chr14	-	24895738	24900160	2346
ENSG0000(	60.13917	65.87168	-0.12945	0.63299	0.72194	TSSK4	chr14	+	24674903	24677568	1394
ENSG0000(	51.91123	167.0075	-1.6826	5.42E-12	2.92E-11	NOVA1	chr14	-	26912299	27066960	6575
ENSG0000(	0.653381	2.679579	-1.5787	0.28228	0.38339	FITM1	chr14	+	24600484	24602058	1194
ENSG0000(	0.923144	4.378283	-1.8892	0.11982	0.1886	MDGA2	chr14	-	47308826	48144157	5239
ENSG0000(	670.9199	975.6493	-0.53832	0.006506	0.014175	TMX1	chr14	+	51706880	51722759	2490
ENSG0000(	2081.984	328.0887	2.6644	4.29E-112	2.95E-110	FRMD6	chr14	+	51955818	52197445	5123
ENSG0000(	219.3233	303.8636	-0.46982	0.007963	0.017024	PELI2	chr14	+	56584532	56768244	5909
ENSG0000(	10.00968	22.58178	-1.1497	0.052333	0.092555	RTN1	chr14	-	60062694	60337684	3435
ENSG0000(	1315.121	194.2056	2.756	2.18E-95	1.17E-93	C14orf37	chr14	-	58466453	58764857	6495
ENSG0000(	0.632843	6.671016	-2.9234	0.012155	0.025105	SYT16	chr14	+	62453803	62568431	3219
ENSG0000(	96.80088	28.38599	1.7569	5.09E-09	2.21E-08	SLC38A6	chr14	+	61447832	61550451	2787
ENSG0000(	588.9114	529.8381	0.15199	0.25654	0.35398	NAA30	chr14	+	57857262	57882635	7644
ENSG0000(	2.894453	0.640152	1.7742	0.18883	0.27515	ADAM21	chr14	+	70918874	70926622	2658

ENSG0000(	0.653381	17.83693	-4.2768	4.18E-05	0.000125	RDH12	chr14	+	68168603	68201169	1879
ENSG0000(	1276.251	786.7732	0.69802	3.85E-09	1.69E-08	DCAF5	chr14	-	69517598	69619867	5953
ENSG0000(	3317.546	1452.017	1.1898	1.80E-13	1.07E-12	RAB15	chr14	-	65412532	65439494	3515
ENSG0000(	89.56984	258.3049	-1.524	2.39E-17	1.78E-16	WDR89	chr14	-	64063757	64108579	2993
ENSG0000(	4.108712	15.70029	-1.8822	0.006546	0.014244	ESR2	chr14	-	64550950	64804830	5458
ENSG0000(	0	26.85237	-6.3684	2.44E-08	1.00E-07	KCNH5	chr14	-	63173287	63568755	4175
ENSG0000(	8.76551	338.2123	-5.2102	8.76E-59	2.47E-57	STON2	chr14	-	81727000	81902809	4302
ENSG0000(	66.13941	88.28669	-0.40916	0.11125	0.17683	EFCAB11	chr14	-	90261013	90421121	3095
ENSG0000(	0.653381	0	0.82678	0.64037	NA	GPR65	chr14	+	88471468	88478419	1786
ENSG0000(	61.92107	144.2366	-1.2166	2.88E-07	1.08E-06	PTGR2	chr14	+	74318547	74353530	4859
ENSG0000(	277.5338	407.691	-0.55326	0.01941	0.038422	JDP2	chr14	+	75894419	75940814	5401
ENSG0000(	50.91531	98.53008	-0.95081	0.001479	0.003576	AK7	chr14	+	96858448	96955764	3300
ENSG0000(	1.08924	3.587607	-1.4873	0.25773	0.35536	SLC24A4	chr14	+	92788925	92962596	4747
ENSG0000(	7556.84	185.1131	5.3448	0	0	FBLN5	chr14	-	92335756	92414331	2423
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	SERPINA10	chr14	-	94749650	94759608	2526
ENSG0000(	189.7539	92.9734	1.0236	1.32E-07	5.10E-07	C14orf79	chr14	+	1.05E+08	1.05E+08	2503
ENSG0000(	1389.47	1357.488	0.033887	0.8185	0.87259	WARS	chr14	-	1.01E+08	1.01E+08	3092
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	SLC25A47	chr14	+	1.01E+08	1.01E+08	1738
ENSG0000(	396.3709	367.3223	0.10973	0.49007	0.5941	WDR20	chr14	+	1.03E+08	1.03E+08	3060
ENSG0000(	1105.979	1073.548	0.042692	0.74495	0.81283	NIPA2	chr15	-	23004684	23034427	3233
ENSG0000(	760.1788	448.357	0.75992	7.59E-08	2.99E-07	HERC2P2	chr15	-	23282281	23378228	5970
ENSG0000(	376.152	217.4114	0.78823	0.000129	0.000363	SLC12A6	chr15	-	34525460	34630261	5407
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	DUOXA1	chr15	-	45409569	45422136	2684
ENSG0000(	650.5924	802.3119	-0.30153	0.04244	0.077181	MFAP1	chr15	-	44096690	44117000	2155
ENSG0000(	3100.496	1076.896	1.5216	1.72E-16	1.22E-15	TCF12	chr15	+	57210821	57591479	6061
ENSG0000(	307.2791	709.8883	-1.2038	6.36E-17	4.63E-16	SORD	chr15	+	45315302	45369383	4909
ENSG0000(	7434.863	4366.745	0.76704	1.01E-10	4.99E-10	SERF2	chr15	+	44069285	44094787	2792
ENSG0000(	345.309	532.2645	-0.62298	2.87E-05	8.72E-05	ZSCAN29	chr15	-	43650370	43663223	5595
ENSG0000(	0.580602	0	0.8036	0.6494	NA	DUOXA2	chr15	+	45406519	45410619	1760
ENSG0000(	0.943682	0	1.2438	0.48556	NA	DUOX2	chr15	-	45384848	45406542	6641
ENSG0000(	27.80288	36.53154	-0.38475	0.2895	0.39111	LYSMD2	chr15	-	52015208	52043782	1759
ENSG0000(	0.290301	66.24228	-6.7627	5.56E-11	2.81E-10	SLC27A2	chr15	+	50474393	50528592	2394
ENSG0000(	198.9216	1.029414	7.2621	7.55E-23	7.24E-22	FGF7	chr15	+	49715293	49780972	5467
ENSG0000(	1.503747	0	1.8221	0.30126	NA	HDC	chr15	-	50534144	50558223	2705
ENSG0000(	1.068702	1.98115	-0.76697	0.57552	0.6723	GCNT3	chr15	+	59887074	59932438	3034
ENSG0000(	770.3688	451.2225	0.77168	6.54E-07	2.38E-06	BNIP2	chr15	-	59951345	59981733	6325
ENSG0000(	904.6216	740.3686	0.2881	0.008894	0.018884	GTF2A2	chr15	-	59930261	59949740	1582
ENSG0000(	3495.513	2752.794	0.34419	0.034196	0.063818	SRP14	chr15	-	40327940	40331389	1077
ENSG0000(	495.586	1351.549	-1.4447	3.31E-31	4.44E-30	BAHD1	chr15	+	40731920	40760441	4698
ENSG0000(	21.41023	15.07155	0.48697	0.374	0.47834	DISP2	chr15	+	40650436	40663257	5031
ENSG0000(	551.6589	339.3973	0.69792	3.60E-06	1.21E-05	CDAN1	chr15	-	43015757	43029324	4637
ENSG0000(	1476.19	2712.839	-0.87649	7.69E-15	5.00E-14	TLE3	chr15	-	70340129	70390515	7809
ENSG0000(	2350.228	3518.709	-0.58161	1.62E-08	6.76E-08	ANP32A	chr15	-	69070874	69113236	3711
ENSG0000(	829.507	1190.853	-0.51993	0.003307	0.007576	COMMD4	chr15	+	75628232	75634268	4204
ENSG0000(	917.0784	481.6336	0.92815	1.49E-14	9.54E-14	UBE2Q2	chr15	+	76135622	76193419	3130
ENSG0000(	3.568372	9.840224	-1.3872	0.066919	0.11466	PSTPIP1	chr15	+	77285700	77329673	1962
ENSG0000(	1294.033	854.2929	0.59842	2.25E-09	1.01E-08	ETFA	chr15	-	76507696	76603813	2287
ENSG0000(	55.78025	0.357707	6.5266	2.89E-10	1.39E-09	BCL2A1	chr15	-	80253231	80263788	1033
ENSG0000(	998.3729	1266.942	-0.34259	0.081968	0.13639	HMG20A	chr15	+	77712754	77777949	4112
ENSG0000(	159.0558	242.5351	-0.60675	0.006435	0.014032	SCAPER	chr15	-	76640526	77197785	5438
ENSG0000(	2345.366	1577.793	0.57168	6.26E-08	2.48E-07	TSPAN3	chr15	-	77336359	77376326	3854
ENSG0000(	391.8381	451.8656	-0.20451	0.29896	0.40069	WDR61	chr15	-	78570177	78592136	3629
ENSG0000(	670.7804	493.7303	0.44155	0.00067	0.001705	NCOA2	chr8	-	71021997	71316040	8447
ENSG0000(	50.32794	203.6213	-2.0044	4.23E-09	1.85E-08	NEIL1	chr15	+	75639296	75647592	3271
ENSG0000(	1192.598	791.1617	0.59121	6.17E-07	2.25E-06	MAN2C1	chr15	-	75648133	75660971	4820
ENSG0000(	24.48357	72.26441	-1.5581	8.79E-06	2.84E-05	DNAJA4	chr15	+	78556428	78574538	3245
ENSG0000(	2066.621	1641.48	0.33124	0.061951	0.10725	MESDC1	chr15	+	81293295	81296342	3048
ENSG0000(	18440.64	1763.667	3.3775	5.95E-76	2.37E-74	TPM1	chr15	+	63334831	63364114	2855
ENSG0000(	2949.571	4338.636	-0.55596	6.00E-05	0.000176	IGF1R	chr15	+	99192200	99507759	11803
ENSG0000(	286.9579	183.8399	0.61983	0.34258	0.44649	ARRDC4	chr15	+	98462784	98517068	4072
ENSG0000(	307.2269	2423.587	-2.9719	1.49E-58	4.17E-57	PIF1	chr15	-	65107831	65117867	2687
ENSG0000(	334.186	220.3161	0.59846	0.002067	0.00488	USP3	chr15	+	63796793	63886839	5499
ENSG0000(	0.653381	85.28915	-6.5117	5.24E-14	3.22E-13	CYP11A1	chr15	-	74630100	74660081	2001
ENSG0000(	398.4983	696.8061	-0.80502	9.93E-08	3.88E-07	BBS4	chr15	+	72978527	73030817	2490
ENSG0000(	1378.597	1164.365	0.24267	0.23693	0.33109	PML	chr15	+	74287014	74340153	5393

ENSG0000(	0.580602	0.343138	0.37443	0.8337	NA	CYP1A1	chr15	-	75011883	75017951	2685
ENSG0000(	42.51223	37.28817	0.19112	0.61641	0.70778	ADAMTS17	chr15	-	1.01E+08	1.01E+08	6207
ENSG0000(	139.205	101.1698	0.45988	0.039717	0.072919	LINS	chr15	-	1.01E+08	1.01E+08	4821
ENSG0000(	510.7395	670.8762	-0.39359	0.000943	0.002349	ULK3	chr15	-	75128457	75135687	2951
ENSG0000(	0	11.48797	-2.5289	0.15577	0.23448	GOLGA6D	chr15	+	75575176	75586816	2123
ENSG0000(	23.77616	97.06762	-2.023	1.73E-09	7.83E-09	PCSK6	chr15	-	1.02E+08	1.02E+08	4407
ENSG0000(	0.342542	12.67845	-4.4039	0.000354	0.000938	CCDC33	chr15	+	74509613	74628813	3085
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CELF6	chr15	-	72559087	72612470	3345
ENSG0000(	1118.7	689.0843	0.69863	1.81E-11	9.42E-11	SCAMP2	chr15	-	75136071	75165706	3162
ENSG0000(	1399.4	671.4941	1.0568	3.82E-10	1.81E-09	HAPLN3	chr15	-	89420519	89438857	3071
ENSG0000(	0.36308	5.147942	-3.156	0.020482	0.040303	RHCG	chr15	-	89998680	90039844	1982
ENSG0000(	1873.491	1411.252	0.4076	0.004761	0.010636	POLG	chr15	-	89859534	89878092	4502
ENSG0000(	4.875948	1.058552	1.9164	0.11932	0.18797	RLBP1	chr15	-	89753100	89764982	1810
ENSG0000(	1050.49	1425.305	-0.43928	0.001962	0.00465	FANCI	chr15	+	89787180	89860492	4743
ENSG0000(	5312.533	555.7478	3.2511	2.95E-119	2.27E-117	ABHD2	chr15	+	89630690	89745591	8735
ENSG0000(	1.390706	4.05213	-1.3703	0.24553	0.34135	WDR93	chr15	+	90234028	90286869	2409
ENSG0000(	441.7233	967.1681	-1.1275	1.36E-12	7.67E-12	TICRR	chr15	+	90118713	90174287	6771
ENSG0000(	48.22558	295.7524	-2.6031	7.65E-31	1.01E-29	NTRK3	chr15	-	88402982	88799999	19984
ENSG0000(	106.66	113.3215	-0.08621	0.7199	0.79285	DET1	chr15	-	89054790	89089906	2315
ENSG0000(	2542.286	4652.547	-0.87007	5.21E-08	2.08E-07	MFGE8	chr15	-	89441916	89456642	1987
ENSG0000(	822.539	672.7381	0.2888	0.069763	0.11881	ZNF710	chr15	+	90544624	90625438	4617
ENSG0000(	1742.422	2288.466	-0.3929	0.007149	0.015444	UNC45A	chr15	+	91473410	91497323	4002
ENSG0000(	429.403	80.77163	2.4056	2.29E-45	4.61E-44	ST8SIA2	chr15	+	92937058	93011958	5708
ENSG0000(	362.1053	77.38557	2.22	4.47E-24	4.50E-23	MCTP2	chr15	+	94774767	95023632	4493
ENSG0000(	6365.902	2036.292	1.6412	1.04E-27	1.22E-26	FURIN	chr15	+	91411822	91426688	4244
ENSG0000(	5743.167	3410.327	0.75129	3.10E-14	1.94E-13	IQGAP1	chr15	+	90931450	91045475	7233
ENSG0000(	704.7561	196.5027	1.8314	7.11E-12	3.81E-11	CRTC3	chr15	+	91073157	91188577	5209
ENSG0000(	212.2459	510.7502	-1.2606	4.14E-13	2.41E-12	EFTUD1	chr15	-	82422571	82555104	3675
ENSG0000(	6.483362	159.8185	-4.5467	6.75E-30	8.59E-29	SH3GL3	chr15	+	84115980	84287495	2012
ENSG0000(	1923.425	2128.862	-0.14592	0.19706	0.28506	SEC11A	chr15	-	85212775	85259947	3626
ENSG0000(	0.36308	0.937167	-0.90039	0.60194	NA	12-Sep	chr16	-	4827670	4838522	1469
ENSG0000(	997.8971	1203.337	-0.26913	0.053579	0.094465	GLYR1	chr16	-	4853204	4897343	3772
ENSG0000(	260.6286	208.7791	0.32012	0.18105	0.26562	PMM2	chr16	+	8882680	8943188	5409
ENSG0000(	1.390706	4.438975	-1.4663	0.22666	0.31957	SLC5A2	chr16	+	31494323	31502181	2467
ENSG0000(	4.462419	0	3.5622	0.018082	0.036033	ITGAX	chr16	+	31366455	31394318	4703
ENSG0000(	2223.398	79.08521	4.7929	3.11E-130	2.81E-128	TGFB1I1	chr16	+	31482906	31489281	4973
ENSG0000(	999.6159	420.0051	1.2458	8.09E-10	3.76E-09	C16orf58	chr16	-	31500792	31520630	2793
ENSG0000(	357.4213	456.8448	-0.35246	0.041735	0.076064	ARMC5	chr16	+	31469401	31478487	4844
ENSG0000(	598.3056	817.0936	-0.44767	0.004783	0.010684	PARN	chr16	-	14529558	14726585	3078
ENSG0000(	687.575	377.9614	0.86278	9.65E-11	4.78E-10	FTO	chr16	+	53737875	54155853	11766
ENSG0000(	1986.361	2280.711	-0.19892	0.058189	0.10168	UQCRC2	chr16	+	21963981	21994981	2615
ENSG0000(	1202.534	673.6061	0.83455	1.19E-10	5.85E-10	CDR2	chr16	-	22357257	22448486	2702
ENSG0000(	29.42472	6.133648	2.1716	0.000456	0.001194	IGSF6	chr16	-	21652609	21663981	1184
ENSG0000(	858.9658	831.8451	0.045889	0.71842	0.7915	ARHGAP17	chr16	-	24930706	25026987	4966
ENSG0000(	2.334388	12.31504	-2.2786	0.004362	0.0098	MYLK3	chr16	-	46740891	46824319	3301
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	ABCC12	chr16	-	48116884	48189929	5168
ENSG0000(	270.1748	125.8632	1.0964	3.80E-08	1.53E-07	NKD1	chr16	+	50582241	50670647	4592
ENSG0000(	1913.414	1495.426	0.35512	0.002398	0.005601	DHX38	chr16	+	72127461	72146811	4608
ENSG0000(	138.0182	84.63665	0.70559	0.016805	0.033694	TXNL4B	chr16	-	72078188	72128330	2556
ENSG0000(	5.072932	538.9738	-6.6739	9.74E-60	2.83E-58	MARVELD3	chr16	+	71660064	71676017	2912
ENSG0000(	0.632843	46.27139	-5.6625	3.38E-10	1.61E-09	CHST4	chr16	+	71559136	71572649	2412
ENSG0000(	3962.795	374.178	3.4028	2.02E-204	4.58E-202	ZFHX3	chr16	-	72816784	73093597	16064
ENSG0000(	30.28185	2.757256	3.3685	3.56E-07	1.32E-06	CLEC18B	chr16	-	74442529	74455368	1865
ENSG0000(	1940.947	473.8574	2.032	2.25E-62	6.94E-61	CPNE2	chr16	+	57126449	57181878	3446
ENSG0000(	739.4988	22.72257	4.9996	5.08E-108	3.29E-106	NLRC5	chr16	+	57023397	57117443	6886
ENSG0000(	687.8019	1477.468	-1.1015	3.40E-24	3.44E-23	KATNB1	chr16	+	57769642	57791162	3854
ENSG0000(	1232.479	257.4066	2.2556	4.00E-59	1.14E-57	KIFC3	chr16	-	57792129	57896957	3427
ENSG0000(	3.82697	8.242631	-1.007	0.2665	0.3652	ADAMTS18	chr16	-	77281710	77469011	5913
ENSG0000(	1.960143	16.0386	-2.8441	0.000677	0.001722	NUDT7	chr16	+	77756411	77776157	1096
ENSG0000(	67.25016	171.268	-1.3392	1.35E-07	5.21E-07	GCSH	chr16	-	81115566	81130008	1552
ENSG0000(	1359.609	653.1681	1.0551	1.89E-09	8.51E-09	CMTM3	chr16	+	66637777	66647795	2330
ENSG0000(	2.645227	0.715414	1.5538	0.26985	0.36895	CMTM2	chr16	+	66613351	66622178	1054
ENSG0000(	16475.03	200.1085	6.3595	0	0	CDH11	chr16	-	64977656	65160015	6874
ENSG0000(	174.1403	32.87196	2.3903	4.45E-20	3.76E-19	NOL3	chr16	+	67204057	67209643	1885
ENSG0000(	1762.442	924.4331	0.93008	5.52E-14	3.39E-13	MAP1LC3B	chr16	+	87417601	87438385	3085

ENSG0000(	3045.698	1133.685	1.4248	4.69E-50	1.08E-48	MBTPS1	chr16	-	84087368	84150511	4338
ENSG0000(	548.1486	8.126078	5.7284	4.54E-12	2.46E-11	CDH13	chr16	+	82660408	83830204	4001
ENSG0000(	1410.182	805.9724	0.80501	6.13E-08	2.43E-07	ZCCHC14	chr16	-	87439852	87525651	7102
ENSG0000(	445.5015	296.8883	0.58386	0.001544	0.003718	TLDC1	chr16	-	84511681	84587639	3392
ENSG0000(	0	5.505649	-3.9886	0.004644	0.010392	ADAD2	chr16	+	84224744	84230774	2558
ENSG0000(	91.01955	23.53755	1.9318	2.03E-07	7.70E-07	OSGIN1	chr16	+	83981887	83999937	2391
ENSG0000(	3.672853	9.574764	-1.3269	0.078955	0.13203	IRF8	chr16	+	85932409	85956215	3030
ENSG0000(	2352.925	3079.602	-0.38762	0.000995	0.002468	RHOT2	chr16	+	718086	724174	4361
ENSG0000(	1.370168	14.96306	-3.1565	0.001867	0.004437	RPL3L	chr16	-	1993975	2007607	2182
ENSG0000(	191.9188	192.6339	-0.00565	0.97208	0.9846	ZSCAN32	chr16	-	3432085	3451065	3169
ENSG0000(	26004.19	40618.1	-0.64294	7.93E-13	4.53E-12	RPS2	chr16	-	2012053	2014861	1548
ENSG0000(	981.064	1426.162	-0.53926	7.51E-07	2.71E-06	NDUFB10	chr16	+	2009509	2011976	958
ENSG0000(	643.5952	454.6047	0.50092	0.000515	0.001334	PDPK1	chr16	+	2587965	2653189	7241
ENSG0000(	25.50101	23.66947	0.10178	0.82086	0.87406	TIGD7	chr16	-	3348832	3355729	3612
ENSG0000(	1213.913	1466.058	-0.27246	0.013462	0.02756	DEF8	chr16	+	90014333	90034468	4450
ENSG0000(	2313.965	1004.565	1.2017	4.76E-13	2.76E-12	TCF25	chr16	+	89940000	89977792	2233
ENSG0000(	911.9669	313.0942	1.54	1.01E-30	1.32E-29	GALNS	chr16	-	88880142	88923378	5682
ENSG0000(	68.41918	139.6041	-1.0248	2.44E-05	7.48E-05	GAS8	chr16	+	90086037	90111383	3856
ENSG0000(	225.6499	423.3517	-0.90549	2.80E-10	1.34E-09	MED9	chr17	+	17380300	17396540	3351
ENSG0000(	2897.678	2261.23	0.35766	0.000251	0.000678	NCOR1	chr17	-	15932471	16121499	10720
ENSG0000(	9.264774	4.380699	1.039	0.16898	0.25071	CDRT15P1	chr17	+	13927802	13928991	768
ENSG0000(	894.6586	1070.352	-0.25762	0.19707	0.28506	COPS3	chr17	-	17150141	17184607	1692
ENSG0000(	205.6653	251.4659	-0.28954	0.18943	0.27587	GID4	chr17	+	17942606	17971718	4237
ENSG0000(	192.1193	50.76703	1.9169	1.94E-17	1.45E-16	ZNF287	chr17	-	16454701	16472520	3373
ENSG0000(	1.359003	12.5999	-3.0204	0.00069	0.001752	MYOCD	chr17	+	12569207	12672266	8466
ENSG0000(	747.0442	895.754	-0.2613	0.035535	0.066055	KSR1	chr17	+	25783670	25953461	7234
ENSG0000(	625.0097	1118.172	-0.83696	8.07E-07	2.91E-06	CIRH1A	chr16	+	69165194	69202941	4183
ENSG0000(	471.3324	388.3892	0.27816	0.079204	0.13239	RANBP10	chr16	-	67757005	67840555	5305
ENSG0000(	0.342542	30.40527	-5.6788	2.34E-07	8.84E-07	DPEP3	chr16	-	68009566	68014732	2018
ENSG0000(	706.3908	475.8971	0.56792	0.000312	0.000833	GFOD2	chr16	-	67708434	67753324	2951
ENSG0000(	397.6899	961.1055	-1.2696	1.14E-22	1.08E-21	NOB1	chr16	-	69775770	69788843	1734
ENSG0000(	346.5534	602.2138	-0.79606	1.16E-10	5.70E-10	PRPSAP2	chr17	+	18743398	18834581	1910
ENSG0000(	944.2991	1319.957	-0.48246	0.000229	0.000622	MYO19	chr17	-	34851477	34899284	5763
ENSG0000(	543.5693	645.5649	-0.24679	0.31951	0.42245	DDX52	chr17	-	35969787	36003493	6359
ENSG0000(	375.3874	692.5438	-0.88046	7.90E-05	0.000228	RASL10B	chr17	+	34058668	34070540	3205
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	UNC45B	chr17	+	33474836	33516364	5679
ENSG0000(	177.3081	213.2301	-0.2621	0.3059	0.40743	PCTP	chr17	+	53828340	53920191	3932
ENSG0000(	84.08819	600.3503	-2.8275	3.63E-43	6.95E-42	TOM1L1	chr17	+	52976748	53039310	2500
ENSG0000(	249.4957	351.2028	-0.49208	0.002008	0.00475	C17orf80	chr17	+	71228372	71245091	3635
ENSG0000(	266.1737	204.0833	0.3795	0.04612	0.082941	TOB1	chr17	-	48939584	48945339	2229
ENSG0000(	1265.617	790.445	0.67892	6.83E-11	3.42E-10	VPS53	chr17	-	411908	624957	13106
ENSG0000(	0.36308	0	0.4146	0.81455	NA	SPATA22	chr17	-	3343313	3417146	1704
ENSG0000(	975.4989	578.086	0.75257	3.68E-08	1.49E-07	SGSM2	chr17	+	2240792	2284352	4863
ENSG0000(	1016.266	1261.365	-0.31145	0.002109	0.004973	NPEPPS	chr17	+	45600306	45700642	5074
ENSG0000(	0.36308	0.594029	-0.39069	0.82661	NA	SKAP1	chr17	-	46210802	46507637	1687
ENSG0000(	13.17487	7.489215	0.78564	0.24061	0.33547	LRRC46	chr17	+	45908993	45915079	2239
ENSG0000(	580.6435	547.5539	0.08431	0.65677	0.74137	SCRN2	chr17	-	45915058	45918699	1779
ENSG0000(	483.9065	268.3897	0.84884	7.59E-07	2.74E-06	SSH2	chr17	-	27952956	28257294	9327
ENSG0000(	3.309773	450.2162	-6.9717	5.11E-52	1.24E-50	RHBDL3	chr17	+	30593195	30651680	4661
ENSG0000(	93.84627	113.5822	-0.28013	0.23831	0.33289	ARSG	chr17	+	66255323	66418872	4642
ENSG0000(	9.439429	0.343138	4.0534	0.000968	0.002406	ABCA8	chr17	-	66863433	66951533	5677
ENSG0000(	1931.802	1980.631	-0.03539	0.74548	0.81326	G6PC3	chr17	+	42148103	42153709	3027
ENSG0000(	9325.812	5913.445	0.65681	7.99E-13	4.56E-12	CLTC	chr17	+	57697219	57773671	7760
ENSG0000(	0	1.713273	-2.2094	0.18675	NA	C17orf64	chr17	+	58469790	58508782	950
ENSG0000(	365.861	277.3593	0.39785	0.027096	0.05188	BCAS3	chr17	+	58754814	59470199	4556
ENSG0000(	355.1295	351.7714	0.014742	0.94404	0.96396	PTRH2	chr17	-	57751997	57784987	4114
ENSG0000(	1631.168	1147.096	0.50763	0.000141	0.000396	SS18	chr18	-	23596578	23671181	3053
ENSG0000(	8.714083	400.3864	-5.4913	1.75E-58	4.88E-57	TAF4B	chr18	+	23805900	23971649	5260
ENSG0000(	669.4189	1465.034	-1.1284	2.29E-20	1.96E-19	AFG3L2	chr18	-	12328943	12377313	3367
ENSG0000(	61.85009	75.09934	-0.2796	0.28841	0.38997	SLMO1	chr18	+	12407895	12432237	2001
ENSG0000(	429.2844	2325.675	-2.4356	2.07E-104	1.27E-102	IMPA2	chr18	+	11981024	12030876	1616
ENSG0000(	32.32594	526.7883	-4.0116	1.38E-49	3.12E-48	GNAL	chr18	+	11688955	11885684	6535
ENSG0000(	1681.601	745.5454	1.1725	7.97E-31	1.05E-29	SLC39A6	chr18	-	33688495	33709348	3543
ENSG0000(	995.8471	1782.11	-0.83915	1.05E-16	7.51E-16	RPRD1A	chr18	-	33564350	33647539	4438
ENSG0000(	167.9615	275.6219	-0.71209	0.001994	0.00472	C18orf21	chr18	+	33552046	33559241	1581

ENSG0000(	3204.481	990.4008	1.6899	1.74E-19	1.43E-18	GALNT1	chr18	+	33161081	33291798	3847
ENSG0000(	117.7111	32.8825	1.8173	4.05E-09	1.77E-08	ASXL3	chr18	+	31158579	31331156	11344
ENSG0000(	0	2.401965	-2.0937	0.23902	0.33362	ADCYAP1	chr18	+	904944	912173	3346
ENSG0000(	2.323223	0.594029	1.3938	0.37547	0.47961	MEP1B	chr18	+	29765032	29800367	2312
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	SLC25A52	chr18	-	29339525	29340843	1319
ENSG0000(	427.5837	116.1541	1.873	5.52E-20	4.65E-19	GAREM	chr18	-	29704840	30050447	7033
ENSG0000(	227.7351	507.3638	-1.1503	1.29E-08	5.43E-08	ESCO1	chr18	-	19109242	19180845	4773
ENSG0000(	590.5344	1258.463	-1.0885	7.88E-08	3.10E-07	OSBPL1A	chr18	-	21742008	21977844	4195
ENSG0000(	74.88275	13.97486	2.3924	2.97E-08	1.21E-07	GATA6	chr18	+	19749404	19782491	3770
ENSG0000(	46.4	8.230478	2.4438	3.75E-05	0.000112	GREB1L	chr18	+	18822203	19102947	6318
ENSG0000(	256.6572	117.4303	1.1205	1.72E-09	7.76E-09	C18orf8	chr18	+	21083473	21111746	2162
ENSG0000(	2205.178	4168.729	-0.9179	3.58E-25	3.77E-24	PELP1	chr17	-	4574679	4607632	4105
ENSG0000(	1236.012	585.3451	1.0767	6.66E-12	3.57E-11	NPC1	chr18	-	21086307	21166862	5157
ENSG0000(	9.12859	1.698704	2.2824	0.011179	0.023248	SLC14A1	chr18	+	43304092	43332485	3971
ENSG0000(	191.1721	1185.574	-2.6267	1.38E-52	3.39E-51	ARRB2	chr17	+	4613784	4624794	1895
ENSG0000(	0.975385	29.6963	-4.5881	1.00E-07	3.92E-07	SLC13A5	chr17	-	6588032	6616886	5360
ENSG0000(	0.36308	5.520218	-3.1965	0.020931	0.041112	ZMYND15	chr17	+	4643319	4649411	2411
ENSG0000(	355.9373	628.9945	-0.81816	1.67E-08	6.94E-08	WRAP53	chr17	+	7589389	7606820	4011
ENSG0000(	1473.824	1767.693	-0.26227	0.070374	0.11973	MINK1	chr17	+	4736683	4801356	5299
ENSG0000(	578.6488	531.6011	0.12135	0.51127	0.6144	SAT2	chr17	-	7529552	7531194	1563
ENSG0000(	114.6715	147.1948	-0.35829	0.29657	0.39867	ASGR1	chr17	-	7076750	7082883	2083
ENSG0000(	5.36242	142.7702	-4.6054	1.75E-21	1.58E-20	PIK3R5	chr17	-	8782233	8869029	4488
ENSG0000(	1774.643	2423.763	-0.44876	0.001398	0.003393	TP53	chr17	-	7565097	7590856	2653
ENSG0000(	166.0369	180.7594	-0.12346	0.60122	0.69482	CCDC40	chr17	+	78010435	78074412	4294
ENSG0000(	5472.495	2298.452	1.2502	1.40E-26	1.56E-25	ARHGDIA	chr17	-	79825597	79829282	1906
ENSG0000(	367.1516	1482.728	-2.0075	1.71E-22	1.61E-21	TMC6	chr17	-	76106539	76128488	5268
ENSG0000(	750.9622	1050.585	-0.48223	0.020275	0.039946	SLC16A3	chr17	+	80186273	80219005	4830
ENSG0000(	1.016461	13.15351	-3.3983	0.000623	0.001595	CARD14	chr17	+	78143791	78183130	4537
ENSG0000(	74.36735	148.3631	-0.98537	7.20E-05	0.000209	TTYH2	chr17	+	72209653	72258155	3661
ENSG0000(	167.1985	57.83389	1.518	1.53E-07	5.88E-07	RAB40B	chr17	-	80612849	80656604	3859
ENSG0000(	1353.72	2539.111	-0.90562	5.84E-09	2.52E-08	EIF4A3	chr17	-	78109013	78120982	3593
ENSG0000(	2827.133	2521.038	0.16512	0.22162	0.31377	CSNK1D	chr17	-	80196899	80231607	6094
ENSG0000(	1271.823	1777.895	-0.48294	3.14E-06	1.07E-05	ANAPC11	chr17	+	79848666	79858867	2136
ENSG0000(	2090.127	4736.084	-1.1791	3.97E-25	4.17E-24	TBCD	chr17	+	80709940	80900724	4094
ENSG0000(	736.1894	513.3739	0.5186	0.000179	0.000493	FN3KRP	chr17	+	80674559	80688204	1849
ENSG0000(	812.4832	1337.512	-0.71803	8.53E-07	3.06E-06	NARF	chr17	+	80416056	80446143	2598
ENSG0000(	1079.837	995.0125	0.1173	0.30467	0.40618	RPTOR	chr17	+	78518619	78940171	6408
ENSG0000(	2244.464	1405.387	0.67504	1.81E-10	8.78E-10	FOXK2	chr17	+	80477589	80602538	5265
ENSG0000(	867.9966	1250.51	-0.52588	0.002098	0.004948	TRIM65	chr17	-	73876416	73893084	3439
ENSG0000(	161.9391	43.28835	1.8941	1.20E-16	8.63E-16	CBX8	chr17	-	77765931	77775482	3791
ENSG0000(	9.740895	16.46995	-0.73362	0.17537	0.2586	SECTM1	chr17	-	80278900	80291950	2235
ENSG0000(	142.7399	215.1999	-0.59091	0.016106	0.032413	RNF157	chr17	-	74138534	74236454	4955
ENSG0000(	483.9029	724.1304	-0.58093	1.07E-05	3.43E-05	AZI1	chr17	-	79163393	79196799	3673
ENSG0000(	4.345959	16.97415	-1.8478	0.011199	0.023285	ZNF750	chr17	-	80787311	80798454	3713
ENSG0000(	1253.733	1980.194	-0.65844	2.71E-09	1.21E-08	WDR45B	chr17	-	80572438	80606429	2587
ENSG0000(	465.2637	87.02968	2.3985	7.69E-13	4.41E-12	CBX4	chr17	-	77806955	77813228	2664
ENSG0000(	2.229907	175.5136	-6.0648	2.16E-23	2.12E-22	RNF165	chr18	+	43906772	44043103	7596
ENSG0000(	507.672	537.6029	-0.08235	0.5009	0.60456	DYM	chr18	-	46570039	46987717	2703
ENSG0000(	3.52811	241.9348	-6.0475	3.69E-32	5.12E-31	MAPK4	chr18	+	48086448	48258194	4770
ENSG0000(	36.55885	27.56692	0.40371	0.35878	0.46305	ELAC1	chr18	+	48494361	48514491	2235
ENSG0000(	1338.797	958.9183	0.48137	2.39E-05	7.32E-05	MBD1	chr18	-	47793252	47808144	4905
ENSG0000(	935.4808	1045.025	-0.16051	0.18032	0.26467	SMAD4	chr18	+	48494410	48611415	8769
ENSG0000(	8.120688	58.56125	-2.7539	8.57E-08	3.36E-07	TNFRSF11A	chr18	+	59992520	60058516	8138
ENSG0000(	224.3067	350.7697	-0.64299	0.002298	0.005384	ZCCHC2	chr18	+	60190240	60254942	5959
ENSG0000(	5.415474	3.855484	0.43205	0.63496	0.72344	FBXO15	chr18	-	71740588	71815100	3187
ENSG0000(	0.580602	0.297015	0.36801	0.83644	NA	CBLN2	chr18	-	70203915	70305756	3336
ENSG0000(	850.1933	2449.612	-1.5256	2.49E-40	4.41E-39	PMAIP1	chr18	+	57567180	57571538	1948
ENSG0000(	4236.449	861.2604	2.2926	4.81E-43	9.19E-42	LEPREL4	chr17	-	39958199	39968856	2791
ENSG0000(	823.917	924.4409	-0.16524	0.12165	0.19107	NT5C3B	chr17	-	39981335	39992523	1729
ENSG0000(	904.2737	731.5912	0.30439	0.01939	0.038385	FAM134C	chr17	-	40731531	40762641	4149
ENSG0000(	2848.548	1733.688	0.71566	3.37E-14	2.10E-13	PIP4K2B	chr17	-	36921942	36956379	5734
ENSG0000(	507.4082	5999.769	-3.5587	7.24E-152	8.38E-150	ERBB2	chr17	+	37844167	37886679	4930
ENSG0000(	0.580602	1052.038	-9.9526	2.93E-35	4.48E-34	GRB7	chr17	+	37894180	37903544	2243
ENSG0000(	153.6406	194.8505	-0.33646	0.12574	0.19636	MIEN1	chr17	-	37884749	37887040	1999
ENSG0000(	0	83.11303	-7.8999	5.98E-13	3.45E-12	PNMT	chr17	+	37824234	37826728	1253

ENSG0000(	7.677084	8.572072	-0.15076	0.87148	0.91019	ARL5C	chr17	-	37313147	37324102	2777
ENSG0000(	14.99109	126.4396	-3.0552	7.55E-17	5.48E-16	STAC2	chr17	-	37366789	37382125	3362
ENSG0000(	2825.584	2591.78	0.12419	0.45917	0.5644	IGFBP4	chr17	+	38599702	38613983	2200
ENSG0000(	20190.86	3456.888	2.544	9.97E-124	8.26E-122	FKBP10	chr17	+	39968932	39979465	2826
ENSG0000(	1170.183	1059.97	0.14284	0.3406	0.44458	TXNL4A	chr18	-	77732867	77793949	1448
ENSG0000(	28.26009	361.5388	-3.6665	1.88E-46	3.90E-45	CACNA1A	chr19	-	13317256	13734804	8392
ENSG0000(	73.57924	98.16854	-0.41036	0.36689	0.47147	CTB-55O6.8	chr19	+	14183348	14185874	2187
ENSG0000(	1484.965	2327.422	-0.64632	0.000829	0.002083	SAMD1	chr19	-	14198652	14201848	2164
ENSG0000(	2810.72	3298.809	-0.23072	0.05977	0.10415	BRD4	chr19	-	15347647	15443356	5852
ENSG0000(	288.4923	456.3815	-0.65933	6.93E-05	0.000201	SLC39A3	chr19	-	2732202	2740150	2940
ENSG0000(	3561.91	113.8863	4.9521	4.58E-186	8.29E-184	NFIC	chr19	+	3359561	3469215	8068
ENSG0000(	282.9231	90.035	1.6382	1.09E-11	5.75E-11	TPGS1	chr19	+	507299	519654	2873
ENSG0000(	16.79369	991.1336	-5.8345	1.29E-126	1.11E-124	PPAP2C	chr19	-	281043	291393	1262
ENSG0000(	453.7955	336.8036	0.42998	0.025313	0.048803	PRDM15	chr21	-	43218385	43299591	7072
ENSG0000(	4155.898	4507.752	-0.11704	0.37632	0.48035	PFKL	chr21	+	45719934	45747259	6007
ENSG0000(	2.635854	5.92888	-1.0453	0.3414	0.44528	FEM1A	chr19	+	4791728	4795571	3844
ENSG0000(	1.597063	23.25436	-3.5516	0.000139	0.000389	VAV1	chr19	+	6772725	6857377	2825
ENSG0000(	726.2669	602.7915	0.26759	0.13001	0.20179	MVB12A	chr19	+	17516531	17544533	2216
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	CIB3	chr19	-	16272179	16284336	711
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	MED26	chr19	-	16589878	16739015	2567
ENSG0000(	3339.885	2360.421	0.50068	7.91E-07	2.85E-06	SH3GL1	chr19	-	4360367	4400544	2516
ENSG0000(	327.7987	556.9195	-0.76151	0.000154	0.00043	DUS3L	chr19	-	5784843	5791249	2301
ENSG0000(	1513.834	1035.629	0.54687	0.00073	0.001848	DPP9	chr19	-	4675236	4724685	4295
ENSG0000(	921.8873	848.2893	0.11962	0.35349	0.45773	CCDC97	chr19	+	41816094	41830788	3322
ENSG0000(	65.36638	30.83253	1.074	0.001486	0.003591	TMEM91	chr19	+	41856816	41889988	1843
ENSG0000(	109.8933	139.7571	-0.34525	0.20224	0.29099	ZFP14	chr19	-	36827162	36870101	5682
ENSG0000(	382.8183	335.7158	0.18939	0.3603	0.46446	SIRT3	chr11	-	215458	236931	2627
ENSG0000(	2595.881	4843.154	-0.89876	1.20E-18	9.47E-18	IFITM3	chr11	-	319669	327537	808
ENSG0000(	380.817	659.5565	-0.79167	1.72E-05	5.38E-05	ATHL1	chr11	+	289135	296107	4418
ENSG0000(	161.7978	335.3613	-1.0486	3.80E-10	1.81E-09	HUNK	chr21	+	33245628	33416946	7385
ENSG0000(	93602.74	10222.59	3.1909	2.41E-148	2.68E-146	COL6A1	chr21	+	47401651	47424964	4238
ENSG0000(	579.9026	173.638	1.7374	8.52E-26	9.19E-25	IFNAR1	chr21	+	34696734	34732168	6139
ENSG0000(	1805.312	1706.562	0.081592	0.51729	0.62002	SOD1	chr21	+	33031935	33041244	1746
ENSG0000(	79408.37	3072.337	4.6833	1.76E-212	4.38E-210	COL6A2	chr21	+	47518011	47552763	3461
ENSG0000(	170.2659	320.9461	-0.91493	7.52E-08	2.96E-07	SIK1	chr21	-	44834395	44847008	4712
ENSG0000(	0.580602	2.497501	-1.4998	0.33946	0.44333	DNMT3L	chr21	-	45666222	45682099	1706
ENSG0000(	0.632843	6.267186	-2.8331	0.016828	0.033736	TRPM2	chr21	+	45770046	45862964	6221
ENSG0000(	2228.611	1247.635	0.83535	7.04E-10	3.29E-09	SCYL1	chr11	+	65292548	65306175	2715
ENSG0000(	439.6055	147.358	1.5718	2.51E-20	2.15E-19	TMEM50B	chr21	-	34804792	34852318	3062
ENSG0000(	16478.75	15634.82	0.07583	0.49634	0.60012	APP	chr21	-	27252861	27543446	3578
ENSG0000(	421.329	327.0954	0.36295	0.070032	0.11926	DOPEY2	chr21	+	37529080	37666572	7685
ENSG0000(	1335.486	1615.361	-0.27406	0.045891	0.082545	URB1	chr21	-	33683329	33765335	10832
ENSG0000(	4429.467	2447.567	0.85451	2.23E-10	1.08E-09	AKT1	chr14	-	1.05E+08	1.05E+08	8396
ENSG0000(	0.290301	0	0.4146	0.81455	NA	IL19	chr1	+	2.07E+08	2.07E+08	1473
ENSG0000(	2021.701	43.4656	5.5297	3.33E-213	8.46E-211	EMP3	chr19	+	48824766	48833810	876
ENSG0000(	3848.504	5170.304	-0.42544	2.39E-05	7.32E-05	SAE1	chr19	+	47616531	47713886	2306
ENSG0000(	6.181896	0.594029	2.8064	0.022518	0.043945	NTN5	chr19	-	49164664	49176338	2426
ENSG0000(	32.58633	378.7578	-3.5205	3.29E-32	4.57E-31	LMTK3	chr19	-	48988528	49016446	5113
ENSG0000(	79.00849	191.1414	-1.2706	6.46E-09	2.78E-08	GEMIN7	chr19	+	45582453	45594782	1657
ENSG0000(	0.290301	336.0109	-8.9024	1.02E-19	8.48E-19	CBLC	chr19	+	45281126	45303891	1579
ENSG0000(	1350.656	756.1422	0.8353	1.19E-08	5.01E-08	WTIP	chr19	+	34971874	34997258	7714
ENSG0000(	589.2425	245.4232	1.26	6.86E-10	3.21E-09	ADAMTS10	chr19	-	8645126	8675620	4230
ENSG0000(	0	22.8124	-6.1411	1.03E-07	4.03E-07	SLC6A3	chr5	-	1392909	1445545	3932
ENSG0000(	1275.942	474.6575	1.4221	7.71E-15	5.01E-14	RNPEPL1	chr2	+	2.42E+08	2.42E+08	3944
ENSG0000(	718.4013	809.4013	-0.17212	0.2609	0.35889	CAPN10	chr2	+	2.42E+08	2.42E+08	4406
ENSG0000(	10.48759	62.5457	-2.525	4.54E-07	1.67E-06	MYO1F	chr19	-	8585674	8642461	4303
ENSG0000(	134.5407	116.3554	0.20841	0.37913	0.48326	ERVK3-1	chr19	+	58816715	58827023	3889
ENSG0000(	1.576526	147.8693	-6.2655	1.12E-22	1.06E-21	NLRP12	chr19	-	54296857	54327648	3801
ENSG0000(	2.209369	323.791	-6.9596	6.56E-37	1.06E-35	CACNG8	chr19	+	54466294	54493469	8747
ENSG0000(	629.4032	1799.648	-1.5113	6.10E-18	4.66E-17	ZNF787	chr19	-	56598732	56632649	1928
ENSG0000(	445.2522	491.1993	-0.14264	0.34066	0.44459	C19orf52	chr19	+	11039409	11044211	1425
ENSG0000(	0	2042.635	-12.114	3.14E-30	4.03E-29	FBN3	chr19	-	8130286	8214730	9362
ENSG0000(	2887.813	5027.829	-0.79901	1.70E-11	8.87E-11	CARM1	chr19	+	10982189	11033453	3032
ENSG0000(	795.9226	330.9625	1.2591	4.08E-08	1.64E-07	EVI5L	chr19	+	7895119	7929862	3855
ENSG0000(	1.233984	21.00929	-3.7747	6.83E-06	2.24E-05	SLC47A1	chr17	+	19398698	19482347	3280

ENSG0000(	2082.423	2504.933	-0.26595	0.007169	0.015484	PSMB6	chr17	+	4699439	4701790	844
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	GPR32	chr19	+	51273721	51274989	1269
ENSG0000(	0.943682	28.04614	-4.521	1.50E-07	5.77E-07	SIGLEC10	chr19	-	51913275	51921057	3109
ENSG0000(	8.225983	10.58961	-0.35261	0.5749	0.67183	ACPT	chr19	+	51293672	51298481	1347
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	KLK3	chr19	+	51358171	51364020	2702
ENSG0000(	184.2794	136.2415	0.4361	0.012762	0.026254	ZNF473	chr19	+	50528971	50556671	4828
ENSG0000(	7.375617	126.9632	-4.0541	1.01E-18	8.00E-18	FAM71E1	chr19	-	50970042	50980010	1281
ENSG0000(	16187.64	19612.22	-0.27651	0.019714	0.03896	RPS11	chr19	+	49999622	50002946	1133
ENSG0000(	1.774324	1.888903	-0.11796	0.92936	0.95316	PTH2	chr19	-	49925671	49926698	459
ENSG0000(	19406.53	35849.24	-0.88444	2.86E-14	1.79E-13	RPL13A	chr19	+	49990811	49995565	2312
ENSG0000(	212.0944	361.818	-0.76873	1.00E-05	3.21E-05	CTU1	chr19	-	51600863	51611627	2087
ENSG0000(	1305.246	1500.524	-0.20053	0.06261	0.10826	NOSIP	chr19	-	50058968	50093519	2615
ENSG0000(	0.290301	1260.973	-10.739	3.00E-32	4.17E-31	IGLON5	chr19	+	51815102	51833608	2606
ENSG0000(	5091.719	382.4985	3.7118	1.19E-41	2.18E-40	RCN3	chr19	+	50030875	50050219	1859
ENSG0000(	169.5509	306.0891	-0.84748	0.001269	0.003097	ZNF614	chr19	-	52516018	52533493	4818
ENSG0000(	0.342542	1.577319	-1.4728	0.37548	0.47961	SLC2A5	chr1	-	9095166	9148537	4165
ENSG0000(	3502.982	3630.912	-0.05156	0.60777	0.70056	RERE	chr1	-	8412457	8877702	8026
ENSG0000(	0	8.124535	-4.5293	0.000869	0.002179	MMEL1	chr1	-	2522078	2564481	2902
ENSG0000(	0	1.903472	-2.1599	0.21236	NA	C1orf222	chr1	-	1853396	1935276	4710
ENSG0000(	714.1637	48.33935	3.8365	3.30E-25	3.49E-24	PRDM16	chr1	+	2985732	3355185	8721
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CELA2A	chr1	+	15783223	15798586	919
ENSG0000(	0.342542	28.52778	-5.5051	1.82E-06	6.35E-06	PADI3	chr1	+	17575593	17610728	3189
ENSG0000(	16.14211	18.04485	-0.15196	0.76774	0.83211	FHAD1	chr1	+	15573768	15726858	5090
ENSG0000(	1.649304	2.514486	-0.53593	0.67249	0.75476	PADI1	chr1	+	17531621	17572500	3846
ENSG0000(	4411.529	1191.005	1.8859	1.31E-39	2.27E-38	EPHA2	chr1	-	16450832	16482582	3964
ENSG0000(	193.8731	1919.742	-3.2991	1.11E-108	7.26E-107	ARHGEF19	chr1	-	16524349	16539140	3029
ENSG0000(	1778.201	1121.803	0.66368	8.96E-11	4.45E-10	EFHD2	chr1	+	15736391	15756839	2419
ENSG0000(	471.8642	678.8337	-0.52266	0.010212	0.021431	PEX14	chr1	+	10532345	10690815	1985
ENSG0000(	6690.565	6181.242	0.11424	0.31399	0.41636	PGD	chr1	+	10458649	10480201	1959
ENSG0000(	6.089393	3.541484	0.70641	0.4255	0.53086	MYOM3	chr1	-	24382525	24438665	5809
ENSG0000(	3675.42	570.9867	2.681	5.21E-62	1.59E-60	SH3BGRL3	chr1	+	26605667	26608007	1655
ENSG0000(	6.919221	290.8501	-5.3368	1.98E-47	4.22E-46	CNKSR1	chr1	+	26503894	26516377	2673
ENSG0000(	6875.878	11445.48	-0.73447	9.18E-14	5.55E-13	RPL11	chr1	+	24018269	24022915	994
ENSG0000(	0	3.708992	-3.4192	0.020234	0.039879	IL22RA1	chr1	-	24446261	24469611	2798
ENSG0000(	0.290301	0.951736	-0.90191	0.60254	NA	ZNF593	chr1	+	26496362	26498551	1885
ENSG0000(	698.5778	246.5653	1.4987	4.16E-25	4.37E-24	C1orf216	chr1	-	36179476	36185073	3218
ENSG0000(	873.6104	1750.497	-1.0016	4.80E-19	3.85E-18	KIAA0319L	chr1	-	35899091	36023551	4789
ENSG0000(	440.7456	266.2919	0.71959	0.024323	0.047065	EVA1B	chr1	-	36787632	36789755	1054
ENSG0000(	7.137557	63.25353	-3.1132	9.77E-11	4.83E-10	C1orf94	chr1	+	34632484	34684732	2287
ENSG0000(	0.290301	2.027273	-1.8784	0.22992	0.32325	DMRTA2	chr1	-	50883222	50889172	3137
ENSG0000(	377.9851	580.6971	-0.61738	0.000751	0.001898	PLK4	chr4	+	1.29E+08	1.29E+08	3841
ENSG0000(	907.6685	299.8336	1.5902	1.22E-11	6.43E-11	MAP3K6	chr1	-	27681675	27693383	4309
ENSG0000(	2.49967	8.24592	-1.5566	0.10725	0.17133	FCN3	chr1	-	27695603	27701315	1030
ENSG0000(	515.1378	545.0335	-0.08025	0.56949	0.66669	GPN2	chr1	-	27205773	27216788	1529
ENSG0000(	166.537	162.7251	0.032375	0.91809	0.94474	SYTL1	chr1	+	27668513	27680421	2681
ENSG0000(	1074.104	938.584	0.19364	0.21712	0.30847	WDTC1	chr1	+	27561007	27635110	5149
ENSG0000(	224.8954	206.13	0.12327	0.66885	0.75148	NBPF3	chr1	+	21766621	21811498	4401
ENSG0000(	11624.05	4329.514	1.4204	5.12E-13	2.97E-12	HSPG2	chr1	-	22148738	22263790	14327
ENSG0000(	206.8539	321.5828	-0.63664	7.08E-05	0.000205	ITGB3BP	chr1	-	63906441	64059392	1285
ENSG0000(	6561.638	13914.78	-1.0836	7.46E-27	8.42E-26	SERBP1	chr1	-	67873493	67896098	6676
ENSG0000(	294.7907	205.4944	0.51771	0.003889	0.0088	BCL10	chr1	-	85731931	85742773	2819
ENSG0000(	2982.963	510.8653	2.5381	1.25E-40	2.24E-39	CYR61	chr1	+	86046444	86049645	2290
ENSG0000(	497.6555	287.3503	0.79244	1.57E-07	6.03E-07	PRKACB	chr1	+	84543745	84704181	4513
ENSG0000(	351.3984	229.4008	0.61616	0.000184	0.000508	PIGK	chr1	-	77554675	77685115	4596
ENSG0000(	0.290301	155.6243	-7.8898	3.33E-15	2.21E-14	TINAGL1	chr1	+	32042116	32053288	4759
ENSG0000(	437.4623	17.37073	4.6197	8.30E-68	2.87E-66	ADC	chr1	+	33546705	33586131	5848
ENSG0000(	9955.567	13781.26	-0.46875	7.22E-07	2.61E-06	RPS8	chr1	+	45240923	45244451	1115
ENSG0000(	1050.829	1971.319	-0.90577	2.98E-08	1.21E-07	KIF2C	chr1	+	45205490	45233439	2955
ENSG0000(	3911.206	11443.86	-1.5467	9.78E-31	1.28E-29	PTPRF	chr1	+	43990858	44089343	7727
ENSG0000(	6.805366	43.18241	-2.5985	5.24E-07	1.92E-06	BEST4	chr1	-	45249257	45253377	2047
ENSG0000(	238.0159	39.28155	2.5865	1.04E-19	8.68E-19	MOB3C	chr1	-	47073387	47082563	5725
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	CYP4B1	chr1	+	47223510	47285085	2171
ENSG0000(	0.342542	1.606458	-1.4884	0.37005	0.4745	TMEM61	chr1	+	55446465	55457966	1097
ENSG0000(	0	1.727843	-1.9772	0.25933	NA	DMRTB1	chr1	+	53925072	53933161	1910
ENSG0000(	1383.936	2132.277	-0.62302	1.40E-07	5.38E-07	LMO4	chr1	+	87794151	87812788	3587

ENSG0000(	0	78.47648	-7.8311	7.86E-13	4.50E-12	SYPL2	chr1	+	1.1E+08	1.1E+08	3624
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	BARHL2	chr1	-	91177096	91182794	1979
ENSG0000(	795.3909	1588.489	-0.99739	1.18E-16	8.48E-16	MTF2	chr1	+	93544792	93604638	4125
ENSG0000(	61.69932	53.60934	0.2015	0.50448	0.60786	SLC44A3	chr1	+	95285898	95360802	2388
ENSG0000(	1071.003	1488.526	-0.47406	0.001189	0.002915	IGSF3	chr1	-	1.17E+08	1.17E+08	7254
ENSG0000(	575.9993	572.3816	0.007813	0.94909	0.96807	ZNF697	chr1	-	1.2E+08	1.2E+08	5041
ENSG0000(	567.3453	312.6715	0.86055	7.89E-09	3.38E-08	CTTNBP2NI	chr1	+	1.13E+08	1.13E+08	5897
ENSG0000(	152.4433	94.20838	0.69059	0.001311	0.003193	STRIP1	chr1	+	1.11E+08	1.11E+08	3363
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	KCNA10	chr1	-	1.11E+08	1.11E+08	1959
ENSG0000(	1537.866	1637.159	-0.08969	0.5813	0.67772	PSMA5	chr1	-	1.1E+08	1.1E+08	3729
ENSG0000(	0.290301	0.686276	-0.47648	0.78935	NA	FNDC7	chr1	+	1.09E+08	1.09E+08	3332
ENSG0000(	7.158095	9.116689	-0.34127	0.63978	0.7271	C1orf162	chr1	+	1.12E+08	1.12E+08	2308
ENSG0000(	4.273994	12.26562	-1.4411	0.054643	0.096062	CD53	chr1	+	1.11E+08	1.11E+08	1505
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	PROK1	chr1	+	1.11E+08	1.11E+08	1338
ENSG0000(	887.3007	1138.862	-0.35967	0.005438	0.012024	CELSR2	chr1	+	1.1E+08	1.1E+08	10534
ENSG0000(	2800.83	4.478651	9.1307	5.29E-124	4.41E-122	ITGA10	chr1	+	1.46E+08	1.46E+08	5269
ENSG0000(	0	3.339132	-2.9125	0.079913	0.13339	GJA5	chr1	-	1.47E+08	1.47E+08	3177
ENSG0000(	1105.42	341.0298	1.691	1.98E-20	1.70E-19	GPR161	chr1	-	1.68E+08	1.68E+08	2676
ENSG0000(	761.2907	1168.211	-0.6166	1.26E-06	4.47E-06	ALDH9A1	chr1	-	1.66E+08	1.66E+08	2696
ENSG0000(	845.6892	794.6617	0.089247	0.50039	0.60403	ATP1B1	chr1	+	1.69E+08	1.69E+08	2608
ENSG0000(	584.7874	286.7648	1.0254	1.31E-09	5.97E-09	TIPRL	chr1	+	1.68E+08	1.68E+08	1630
ENSG0000(	190.5735	124.7332	0.61474	0.003472	0.007928	NME7	chr1	-	1.69E+08	1.69E+08	4298
ENSG0000(	1165.038	1031.468	0.1756	0.11158	0.17726	POGK	chr1	+	1.67E+08	1.67E+08	6254
ENSG0000(	163.4202	162.2741	0.010642	0.96135	0.977	MPC2	chr1	-	1.68E+08	1.68E+08	2177
ENSG0000(	366.8747	334.9	0.13147	0.42392	0.5294	CREG1	chr1	-	1.67E+08	1.68E+08	1974
ENSG0000(	774.9936	222.8246	1.7965	1.54E-42	2.88E-41	DCAF6	chr1	+	1.68E+08	1.68E+08	3349
ENSG0000(	8.76551	2.65044	1.6349	0.046229	0.083112	GPA33	chr1	-	1.67E+08	1.67E+08	2802
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RXRG	chr1	-	1.65E+08	1.65E+08	2036
ENSG0000(	49.42549	13.38171	1.8481	1.33E-05	4.19E-05	TBX19	chr1	+	1.68E+08	1.68E+08	2822
ENSG0000(	1092.613	1744.207	-0.67406	4.04E-12	2.20E-11	UCK2	chr1	+	1.66E+08	1.66E+08	4669
ENSG0000(	759.4248	554.6167	0.45175	0.05283	0.093291	TMCO1	chr1	-	1.66E+08	1.66E+08	2224
ENSG0000(	0.870904	6.673433	-2.4857	0.031107	0.058531	XCL1	chr1	+	1.69E+08	1.69E+08	1367
ENSG0000(	0	1.029414	-1.1526	0.51496	NA	XCL2	chr1	-	1.69E+08	1.69E+08	565
ENSG0000(	440.2234	2357.318	-2.4186	2.57E-101	1.49E-99	POU2F1	chr1	+	1.67E+08	1.67E+08	14332
ENSG0000(	1.722083	0.997859	0.63405	0.63972	0.72707	MAEL	chr1	+	1.67E+08	1.67E+08	2355
ENSG0000(	64.49092	1.98115	4.8514	2.81E-14	1.76E-13	ILDR2	chr1	-	1.67E+08	1.67E+08	2572
ENSG0000(	15.19663	0	5.5539	3.71E-06	1.25E-05	DPT	chr1	-	1.69E+08	1.69E+08	1786
ENSG0000(	798.1959	801.5646	-0.00646	0.95889	0.97518	MGST3	chr1	+	1.66E+08	1.66E+08	2456
ENSG0000(	2.354926	2.38498	-0.01321	0.99069	0.9952	ADCY10	chr1	-	1.68E+08	1.68E+08	5055
ENSG0000(	710.8101	727.1301	-0.03306	0.77138	0.83538	RFWD2	chr1	-	1.76E+08	1.76E+08	3033
ENSG0000(	0.72616	3.556053	-1.9111	0.16756	0.24899	PVRL4	chr1	-	1.61E+08	1.61E+08	3502
ENSG0000(	748.7466	472.5457	0.6642	0.0001	0.000285	UFC1	chr1	+	1.61E+08	1.61E+08	1114
ENSG0000(	238.4486	393.8153	-0.72244	0.000264	0.000713	PPOX	chr1	+	1.61E+08	1.61E+08	2471
ENSG0000(	4.262829	3.083409	0.43462	0.68532	0.76508	FCGR2A	chr1	+	1.61E+08	1.61E+08	2412
ENSG0000(	366.7739	448.2063	-0.2868	0.09641	0.15664	NUF2	chr1	+	1.63E+08	1.63E+08	1969
ENSG0000(	259.6331	58.50452	2.1347	3.15E-10	1.51E-09	RGS5	chr1	-	1.63E+08	1.63E+08	5862
ENSG0000(	1124.32	933.984	0.26794	0.055526	0.097419	SDHC	chr1	+	1.61E+08	1.61E+08	1420
ENSG0000(	1593.733	930.5993	0.7748	9.64E-11	4.77E-10	PFDN2	chr1	-	1.61E+08	1.61E+08	677
ENSG0000(	5.799092	34.18711	-2.5106	3.16E-05	9.54E-05	NR1I3	chr1	-	1.61E+08	1.61E+08	1473
ENSG0000(	526.4174	461.1194	0.19029	0.25195	0.34875	USP21	chr1	+	1.61E+08	1.61E+08	2514
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	F13B	chr1	-	1.97E+08	1.97E+08	2217
ENSG0000(	1580.591	2109.677	-0.41574	0.00074	0.001872	PRCC	chr1	+	1.57E+08	1.57E+08	2103
ENSG0000(	0	2.012704	-2.1825	0.20921	0.29918	FCRL5	chr1	-	1.57E+08	1.58E+08	5390
ENSG0000(	157.9161	406.6409	-1.3614	5.90E-11	2.97E-10	RRNAD1	chr1	+	1.57E+08	1.57E+08	2254
ENSG0000(	574.4878	298.5861	0.94216	2.58E-12	1.42E-11	MRPL24	chr1	-	1.57E+08	1.57E+08	990
ENSG0000(	305.2348	213.0182	0.51706	0.035463	0.065936	PIGM	chr1	-	1.6E+08	1.6E+08	4322
ENSG0000(	1.991846	12.09167	-2.4526	0.003876	0.008773	CASQ1	chr1	+	1.6E+08	1.6E+08	1956
ENSG0000(	721.8684	892.3771	-0.30462	0.096679	0.15699	ISG20L2	chr1	-	1.57E+08	1.57E+08	3303
ENSG0000(	2582.755	1721.272	0.5847	0.000142	0.000396	CRABP2	chr1	-	1.57E+08	1.57E+08	992
ENSG0000(	5332.452	7892.167	-0.56523	8.37E-12	4.46E-11	HDGF	chr1	-	1.57E+08	1.57E+08	2380
ENSG0000(	1833.054	572.132	1.6761	4.54E-32	6.27E-31	ABL2	chr1	-	1.79E+08	1.79E+08	12144
ENSG0000(	725.3328	977.5405	-0.43019	0.000199	0.000546	XPR1	chr1	+	1.81E+08	1.81E+08	8474
ENSG0000(	3262.955	272.8836	3.5547	5.26E-32	7.24E-31	RGS16	chr1	-	1.83E+08	1.83E+08	2427
ENSG0000(	811.5069	311.4184	1.3793	1.38E-12	7.79E-12	TOR1AIP1	chr1	+	1.8E+08	1.8E+08	3044
ENSG0000(	0.36308	3.276024	-2.5557	0.072895	0.12339	FAM163A	chr1	+	1.8E+08	1.8E+08	2909

ENSG0000(	2660.602	537.7266	2.3054	1.28E-96	7.02E-95	HMCN1	chr1	+	1.86E+08	1.86E+08	18208
ENSG0000(	364.8625	49.7407	2.858	4.46E-20	3.77E-19	RGL1	chr1	+	1.84E+08	1.84E+08	5113
ENSG0000(	62.22352	82.71968	-0.4071	0.15162	0.22916	LYPLAL1	chr1	+	2.19E+08	2.19E+08	2169
ENSG0000(	1811.407	1.920457	9.5835	1.21E-69	4.31E-68	LHX9	chr1	+	1.98E+08	1.98E+08	7413
ENSG0000(	203.9366	507.4998	-1.3112	7.31E-15	4.76E-14	PRUNE	chr1	+	1.51E+08	1.51E+08	2997
ENSG0000(	0.923144	4.020576	-1.7807	0.14518	0.22067	RORC	chr1	-	1.52E+08	1.52E+08	4141
ENSG0000(	287.8219	171.0742	0.74897	9.14E-06	2.95E-05	TUFT1	chr1	+	1.52E+08	1.52E+08	3111
ENSG0000(	1299.733	1598.785	-0.29765	0.050909	0.090374	SF3B4	chr1	-	1.5E+08	1.5E+08	2085
ENSG0000(	2442.347	11.94759	7.6369	1.32E-180	2.31E-178	ECM1	chr1	+	1.5E+08	1.5E+08	3066
ENSG0000(	716.407	1818.713	-1.3427	7.58E-26	8.20E-25	ZNF687	chr1	+	1.51E+08	1.51E+08	5378
ENSG0000(	454.8279	841.7064	-0.88573	1.63E-08	6.82E-08	TARS2	chr1	+	1.5E+08	1.5E+08	2729
ENSG0000(	11.76444	2805.322	-7.8446	5.06E-192	1.03E-189	CGN	chr1	+	1.51E+08	1.52E+08	5091
ENSG0000(	1066.785	1340.569	-0.32904	0.004893	0.01091	SNX27	chr1	+	1.52E+08	1.52E+08	7197
ENSG0000(	525.8741	620.5604	-0.23822	0.077996	0.13066	SETDB1	chr1	+	1.51E+08	1.51E+08	4437
ENSG0000(	55.47121	125.5193	-1.1748	1.89E-05	5.87E-05	ADAMTSL4	chr1	+	1.51E+08	1.51E+08	4197
ENSG0000(	4573.854	6257.202	-0.4516	2.84E-05	8.64E-05	MCL1	chr1	-	1.51E+08	1.51E+08	3932
ENSG0000(	255.7696	175.8677	0.54185	0.002269	0.005323	CTSK	chr1	-	1.51E+08	1.51E+08	1692
ENSG0000(	658.1612	848.7271	-0.36599	0.011672	0.024174	RFX5	chr1	-	1.51E+08	1.51E+08	3576
ENSG0000(	1242.892	642.6152	0.95134	4.29E-18	3.30E-17	PI4KB	chr1	-	1.51E+08	1.51E+08	3983
ENSG0000(	1827.661	1269.87	0.52514	5.06E-08	2.02E-07	PIP5K1A	chr1	+	1.51E+08	1.51E+08	3767
ENSG0000(	2152.2	2637.039	-0.29237	0.076052	0.12793	ANP32E	chr1	-	1.5E+08	1.5E+08	3453
ENSG0000(	222.7433	257.7573	-0.21031	0.43653	0.54202	FAM63A	chr1	-	1.51E+08	1.51E+08	2817
ENSG0000(	59.92906	103.0023	-0.78108	0.010332	0.02166	ANXA9	chr1	+	1.51E+08	1.51E+08	1826
ENSG0000(	120.3688	265.2957	-1.1331	4.07E-08	1.64E-07	SELENBP1	chr1	-	1.51E+08	1.51E+08	2840
ENSG0000(	1112.893	1633.146	-0.55274	7.00E-06	2.29E-05	CERS2	chr1	-	1.51E+08	1.51E+08	2505
ENSG0000(	1608.543	3283.803	-1.0277	3.53E-14	2.19E-13	ENSA	chr1	-	1.51E+08	1.51E+08	2818
ENSG0000(	408.794	22.25563	4.1708	1.52E-68	5.37E-67	AC027612.	chr2	-	91823266	91847975	1104
ENSG0000(	295.3982	639.8724	-1.1106	3.62E-06	1.22E-05	SEMA6C	chr1	-	1.51E+08	1.51E+08	5262
ENSG0000(	379.3375	426.6834	-0.1686	0.25117	0.34785	MRPL9	chr1	-	1.52E+08	1.52E+08	1296
ENSG0000(	896.6192	641.991	0.48074	0.007592	0.016315	ARNT	chr1	-	1.51E+08	1.51E+08	4887
ENSG0000(	1641.656	1402.154	0.227	0.055525	0.097419	POGZ	chr1	-	1.51E+08	1.51E+08	6626
ENSG0000(	66.49556	83.30323	-0.32851	0.24238	0.33766	C1orf56	chr1	+	1.51E+08	1.51E+08	2096
ENSG0000(	3.112789	6.442816	-1.0031	0.28458	0.38594	OAZ3	chr1	+	1.52E+08	1.52E+08	3790
ENSG0000(	332.5166	516.7103	-0.63576	4.38E-05	0.00013	GOLPH3L	chr1	-	1.51E+08	1.51E+08	2999
ENSG0000(	173.3651	48.11585	1.8353	4.64E-15	3.04E-14	GABPB2	chr1	+	1.51E+08	1.51E+08	8964
ENSG0000(	323.2424	96.50173	1.7402	1.95E-14	1.24E-13	IKBKE	chr1	+	2.07E+08	2.07E+08	3269
ENSG0000(	182.3852	82.24771	1.149	3.21E-08	1.31E-07	SYT14	chr1	+	2.1E+08	2.1E+08	5189
ENSG0000(	37.92739	0.951736	4.943	2.27E-09	1.01E-08	KCNH1	chr1	-	2.11E+08	2.11E+08	3102
ENSG0000(	530.3561	986.3166	-0.8918	3.06E-06	1.04E-05	DTL	chr1	+	2.12E+08	2.12E+08	4573
ENSG0000(	340.5085	67.14306	2.3413	2.27E-32	3.17E-31	DYRK3	chr1	+	2.07E+08	2.07E+08	2329
ENSG0000(	714.874	633.6448	0.1751	0.15729	0.23649	EIF2D	chr1	-	2.07E+08	2.07E+08	2094
ENSG0000(	313.3924	294.9064	0.088585	0.70863	0.7834	INTS7	chr1	-	2.12E+08	2.12E+08	4447
ENSG0000(	454.316	3988.398	-3.1301	1.39E-126	1.19E-124	VASH2	chr1	+	2.13E+08	2.13E+08	4224
ENSG0000(	84.19365	90.35438	-0.0982	0.68529	0.76508	TAF1A	chr1	-	2.23E+08	2.23E+08	1911
ENSG0000(	469.635	146.5523	1.6678	1.24E-07	4.82E-07	SMYD2	chr1	+	2.14E+08	2.15E+08	4732
ENSG0000(	104.7767	29.66072	1.7924	1.75E-08	7.26E-08	SUSD4	chr1	-	2.23E+08	2.24E+08	3480
ENSG0000(	74.3997	23.73009	1.6221	0.000232	0.000631	DUSP10	chr1	-	2.22E+08	2.22E+08	2676
ENSG0000(	2.656392	0.594029	1.6379	0.2594	0.35733	HHIPL2	chr1	-	2.23E+08	2.23E+08	2575
ENSG0000(	925.8418	922.8617	0.0054	0.96051	0.97641	TP53BP2	chr1	-	2.24E+08	2.24E+08	4741
ENSG0000(	2569.501	1190.349	1.1096	2.84E-24	2.88E-23	ATP8B2	chr1	+	1.54E+08	1.54E+08	5861
ENSG0000(	1325.744	663.8155	0.9952	3.04E-08	1.24E-07	ADAM15	chr1	+	1.55E+08	1.55E+08	4508
ENSG0000(	1231.185	1107.014	0.15335	0.24623	0.34211	JTB	chr1	-	1.54E+08	1.54E+08	1287
ENSG0000(	3978.136	1569.767	1.3408	1.01E-37	1.66E-36	RAB13	chr1	-	1.54E+08	1.54E+08	2123
ENSG0000(	25.03426	0	6.254	5.86E-08	2.33E-07	S100A8	chr1	-	1.53E+08	1.53E+08	717
ENSG0000(	10016.18	8926.864	0.16593	0.20953	0.29951	TPM3	chr1	-	1.54E+08	1.54E+08	4041
ENSG0000(	4.637074	9.000136	-0.90595	0.26182	0.35999	NUP210L	chr1	-	1.54E+08	1.54E+08	5889
ENSG0000(	452.7996	322.1155	0.4904	0.000631	0.001614	SNAPIN	chr1	+	1.54E+08	1.54E+08	1205
ENSG0000(	394.3853	937.861	-1.2476	1.15E-20	9.96E-20	SLC27A3	chr1	+	1.54E+08	1.54E+08	4504
ENSG0000(	4314.458	3598.66	0.26141	0.062494	0.10809	UBAP2L	chr1	+	1.54E+08	1.54E+08	3988
ENSG0000(	2209.373	3582.089	-0.69621	4.30E-10	2.04E-09	SLC39A1	chr1	-	1.54E+08	1.54E+08	2723
ENSG0000(	853.6511	968.0006	-0.18049	0.1544	0.23272	HAX1	chr1	+	1.54E+08	1.54E+08	1284
ENSG0000(	85.87205	494.4517	-2.5179	1.89E-45	3.82E-44	CREB3L4	chr1	+	1.54E+08	1.54E+08	1752
ENSG0000(	19.44153	94.32017	-2.2534	3.69E-09	1.62E-08	EFNA3	chr1	+	1.55E+08	1.55E+08	1782
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AQP10	chr1	+	1.54E+08	1.54E+08	2262
ENSG0000(	54.76217	30.25469	0.84984	0.032278	0.060572	KCNN3	chr1	-	1.55E+08	1.55E+08	2962

ENSG0000(	1930.065	2082.929	-0.10967	0.44765	0.55306	C1orf43	chr1	-	1.54E+08	1.54E+08	1708
ENSG0000(	930.4634	620.1017	0.58297	0.001703	0.004077	GATAD2B	chr1	-	1.54E+08	1.54E+08	7478
ENSG0000(	4320.296	5485.392	-0.34375	0.01599	0.032205	ILF2	chr1	-	1.54E+08	1.54E+08	1659
ENSG0000(	623.6538	322.1957	0.95075	2.75E-09	1.22E-08	RIT1	chr1	-	1.56E+08	1.56E+08	3445
ENSG0000(	1334.588	1351.586	-0.01833	0.85319	0.89683	INTS3	chr1	+	1.54E+08	1.54E+08	5741
ENSG0000(	0.342542	18.28688	-4.9579	1.97E-05	6.10E-05	PKLR	chr1	-	1.55E+08	1.55E+08	2479
ENSG0000(	113.5629	91.91243	0.30461	0.16889	0.2506	HCN3	chr1	+	1.55E+08	1.55E+08	3718
ENSG0000(	0	2.217472	-2.3847	0.1626	0.243	FLG	chr1	-	1.52E+08	1.52E+08	12747
ENSG0000(	0.943682	9.328705	-2.8938	0.009493	0.020032	ACTA1	chr1	-	2.3E+08	2.3E+08	1491
ENSG0000(	180.1386	149.2768	0.26992	0.14708	0.22316	C1orf131	chr1	-	2.31E+08	2.31E+08	2657
ENSG0000(	6079.44	1849.984	1.7146	2.26E-55	5.87E-54	GALNT2	chr1	+	2.3E+08	2.3E+08	4454
ENSG0000(	274.0968	105.8815	1.3682	2.79E-10	1.34E-09	TTC13	chr1	-	2.31E+08	2.31E+08	3253
ENSG0000(	663.549	262.1844	1.3391	5.58E-17	4.08E-16	SCCPDH	chr1	+	2.47E+08	2.47E+08	2503
ENSG0000(	211.0963	9.574764	4.4227	1.88E-41	3.42E-40	LYST	chr1	-	2.36E+08	2.36E+08	13480
ENSG0000(	69.66156	705.8579	-3.3271	1.57E-42	2.94E-41	MLK4	chr1	+	2.33E+08	2.34E+08	5809
ENSG0000(	5264.711	634.1805	3.0498	6.43E-101	3.68E-99	CEP170	chr1	-	2.43E+08	2.43E+08	6828
ENSG0000(	1195.746	1588.663	-0.40928	0.000207	0.000567	ACP1	chr2	+	264140	278283	1552
ENSG0000(	703.9004	739.4794	-0.07248	0.56738	0.6649	SNAP47	chr1	+	2.28E+08	2.28E+08	2403
ENSG0000(	3017.602	4102.633	-0.44261	3.94E-05	0.000118	SRP9	chr1	+	2.26E+08	2.26E+08	1596
ENSG0000(	310.9492	478.8521	-0.61936	0.011801	0.024414	NVL	chr1	-	2.24E+08	2.25E+08	3123
ENSG0000(	592.7077	541.1518	0.13147	0.52944	0.63084	SDE2	chr1	-	2.26E+08	2.26E+08	3975
ENSG0000(	1145.32	394.1612	1.5361	2.03E-30	2.62E-29	DEGS1	chr1	+	2.24E+08	2.24E+08	2101
ENSG0000(	480.4535	580.6693	-0.27199	0.059666	0.10401	FBXO28	chr1	+	2.24E+08	2.24E+08	5451
ENSG0000(	9811.118	5583.973	0.81244	9.69E-15	6.25E-14	ARF1	chr1	+	2.28E+08	2.28E+08	2006
ENSG0000(	0.36308	112.7973	-7.3224	8.13E-12	4.34E-11	LEFTY2	chr1	-	2.26E+08	2.26E+08	2287
ENSG0000(	637.3059	868.5987	-0.4458	6.23E-05	0.000182	CNIH4	chr1	+	2.25E+08	2.25E+08	4125
ENSG0000(	1274.584	754.6097	0.75097	0.008899	0.018892	ITPKB	chr1	-	2.27E+08	2.27E+08	6150
ENSG0000(	2941.999	1318.176	1.1576	4.52E-26	4.93E-25	GUK1	chr1	+	2.28E+08	2.28E+08	2549
ENSG0000(	1763.498	596.1983	1.5628	2.48E-51	5.89E-50	CDC42BPA	chr1	-	2.27E+08	2.28E+08	10855
ENSG0000(	1355.371	107.234	3.6506	2.18E-148	2.43E-146	CNIH3	chr1	+	2.25E+08	2.25E+08	2558
ENSG0000(	497.5097	721.9039	-0.53733	1.63E-05	5.10E-05	C1orf35	chr1	-	2.28E+08	2.28E+08	3554
ENSG0000(	971.8247	293.4844	1.7224	1.03E-21	9.40E-21	MBOAT2	chr2	-	8992820	9143942	7751
ENSG0000(	3536.577	12957.04	-1.8721	6.80E-96	3.69E-94	PARP1	chr1	-	2.27E+08	2.27E+08	3958
ENSG0000(	97.33005	307.9227	-1.6569	1.38E-19	1.14E-18	PSEN2	chr1	+	2.27E+08	2.27E+08	2465
ENSG0000(	145.4948	254.4985	-0.80227	0.001256	0.003066	PYCR2	chr1	-	2.26E+08	2.26E+08	3149
ENSG0000(	1100.349	1392.179	-0.33818	0.059061	0.10304	LBR	chr1	-	2.26E+08	2.26E+08	3774
ENSG0000(	141.5213	70.14818	1.0013	0.000992	0.002461	WNT9A	chr1	-	2.28E+08	2.28E+08	3971
ENSG0000(	471.0752	979.0059	-1.0547	4.70E-21	4.16E-20	EPHX1	chr1	+	2.26E+08	2.26E+08	1776
ENSG0000(	9.66893	3258.644	-8.3493	8.76E-164	1.19E-161	SOX13	chr1	+	2.04E+08	2.04E+08	3579
ENSG0000(	75.96425	329.9815	-2.1046	2.18E-14	1.37E-13	ETNK2	chr1	-	2.04E+08	2.04E+08	2486
ENSG0000(	50.43919	193.5447	-1.9133	1.17E-05	3.72E-05	PPFIA4	chr1	+	2.03E+08	2.03E+08	6434
ENSG0000(	1.338465	601.2	-8.5038	1.05E-39	1.83E-38	PLEKHA6	chr1	-	2.04E+08	2.04E+08	5091
ENSG0000(	9.854749	7.90923	0.30849	0.72077	0.79337	PTPN7	chr1	-	2.02E+08	2.02E+08	3765
ENSG0000(	3.278071	641.3333	-7.4705	5.10E-58	1.41E-56	SYT2	chr1	-	2.03E+08	2.03E+08	7614
ENSG0000(	722.308	648.0074	0.15547	0.541	0.64155	ARL8A	chr1	-	2.02E+08	2.02E+08	1793
ENSG0000(	0.923144	0.686276	0.30412	0.8576	NA	OSR1	chr2	-	19551246	19558414	4175
ENSG0000(	55.84203	39.24206	0.49377	0.30657	0.40813	GDF7	chr2	+	20866424	20873418	4162
ENSG0000(	6385.563	4563.445	0.48442	1.01E-05	3.24E-05	PDIA6	chr2	-	10923517	10978103	2682
ENSG0000(	2486.545	473.1151	2.392	4.70E-88	2.27E-86	RHOB	chr2	+	20646835	20649200	2366
ENSG0000(	26.64926	23.62006	0.17484	0.66341	0.74676	ATP6V1C2	chr2	+	10861775	10925236	3102
ENSG0000(	892.4376	911.2425	-0.02946	0.80479	0.86198	HNRPLL	chr2	-	38789120	38830728	4173
ENSG0000(	147.6119	320.3519	-1.114	9.44E-12	5.01E-11	GALM	chr2	+	38893052	38968379	2484
ENSG0000(	60.92352	200.2891	-1.7055	1.02E-15	6.99E-15	CAMKMT	chr2	+	44589089	44999731	1495
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	ABCG8	chr2	+	44066103	44105605	2665
ENSG0000(	1231.65	1534.647	-0.31693	0.000882	0.002208	EML4	chr2	+	42396490	42559688	5549
ENSG0000(	4818.234	3878.664	0.31262	0.025852	0.04974	CALM2	chr2	-	47272677	47403740	4502
ENSG0000(	42.85216	89.38002	-1.0467	0.000661	0.001683	CHAC2	chr2	+	53994929	54002333	1321
ENSG0000(	5176.624	9947.92	-0.94119	8.48E-15	5.50E-14	RPS27A	chr2	+	55459039	55462989	1159
ENSG0000(	105.1981	56.21756	0.90699	0.000713	0.001807	WDPCP	chr2	-	63348518	64054977	5408
ENSG0000(	464.5399	263.6756	0.81386	2.07E-06	7.18E-06	VPS54	chr2	-	64120035	64246206	3594
ENSG0000(	871.9525	682.6245	0.35183	0.00621	0.013585	ASXL2	chr2	-	25960557	26101385	8943
ENSG0000(	253.1392	347.1556	-0.45243	0.028777	0.054704	ETAA1	chr2	+	67624451	67637677	3418
ENSG0000(	1008.219	1389.588	-0.46245	2.29E-05	7.04E-05	SNRPG	chr2	-	70508494	70520903	1093
ENSG0000(	0.653381	2.324288	-1.4709	0.29307	0.39506	ABHD1	chr2	+	27346682	27353680	1400
ENSG0000(	191.212	25.38912	2.8925	2.12E-18	1.65E-17	MEIS1	chr2	+	66660584	66801001	5111

ENSG0000(	0.923144	1.577319	-0.58301	0.69738	0.7744	TRIM43B	chr2	-	96142715	96150479	1668
ENSG0000(	2.769433	0	2.6985	0.10714	0.17116	TRIM43	chr2	+	96257766	96265526	1682
ENSG0000(	1363.241	1170.451	0.22021	0.032373	0.06074	CIAO1	chr2	+	96931870	96939087	3588
ENSG0000(	284.2584	198.5389	0.51282	0.048621	0.086845	ZNF514	chr2	-	95813075	95831158	5593
ENSG0000(	6366.845	8262.663	-0.37562	0.000208	0.000569	SNRNP200	chr2	-	96940074	96971297	7165
ENSG0000(	761.0615	1073.087	-0.4949	4.82E-05	0.000143	MRPS5	chr2	-	95752952	95815179	3680
ENSG0000(	16.24561	9.032564	0.80813	0.16651	0.24767	ANKRD53	chr2	+	71205510	71212626	2182
ENSG0000(	301.4276	311.5085	-0.04659	0.7751	0.83841	TPRKB	chr2	-	73956231	73964527	819
ENSG0000(	0.36308	0	0.4146	0.81455	NA	NAT8	chr2	-	73867959	73869520	947
ENSG0000(	516.0889	691.0776	-0.42041	0.00039	0.001027	EXOC6B	chr2	-	72403113	73053170	5918
ENSG0000(	609.9648	492.0016	0.30948	0.025635	0.049373	SFXN5	chr2	-	73169165	73302747	4140
ENSG0000(	1041.403	397.7049	1.3813	5.08E-07	1.86E-06	TEX261	chr2	-	71213068	71222075	3579
ENSG0000(	1.681007	9.306888	-2.3037	0.012116	0.025031	DQX1	chr2	-	74745258	74753463	2689
ENSG0000(	307.1083	203.3933	0.59336	0.002868	0.006633	DUSP11	chr2	-	73989311	74007284	2175
ENSG0000(	3545.545	682.627	2.3749	9.71E-100	5.47E-98	ST6GAL2	chr2	-	1.07E+08	1.08E+08	7275
ENSG0000(	81.87124	42.03557	0.95126	0.00054	0.001394	NPHP1	chr2	-	1.11E+08	1.11E+08	10006
ENSG0000(	24.35855	12.36928	0.9456	0.052241	0.092419	MALL	chr2	-	1.11E+08	1.11E+08	3061
ENSG0000(	24.47159	81.49449	-1.7184	1.11E-05	3.54E-05	THNSL2	chr2	+	88469835	88486146	3649
ENSG0000(	1566.195	412.3422	1.9225	7.28E-58	2.01E-56	RALB	chr2	+	1.21E+08	1.21E+08	2344
ENSG0000(	1.359003	60.87197	-5.27	5.03E-13	2.92E-12	C1QL2	chr2	-	1.2E+08	1.2E+08	2043
ENSG0000(	125.5346	395.0364	-1.6464	4.53E-17	3.33E-16	TMEM177	chr2	+	1.2E+08	1.2E+08	1738
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	NT5DC4	chr2	+	1.13E+08	1.14E+08	2448
ENSG0000(	165.7471	76.32782	1.1125	1.98E-07	7.54E-07	RABL2A	chr2	+	1.14E+08	1.14E+08	2904
ENSG0000(	4930.302	881.6017	2.4648	1.84E-15	1.24E-14	SLC20A1	chr2	+	1.13E+08	1.13E+08	3381
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-143N	chr9	-	52452	73323	343
ENSG0000(	19.88595	6.849062	1.4917	0.008595	0.018292	FBLN7	chr2	+	1.13E+08	1.13E+08	4598
ENSG0000(	3.588096	8.784089	-1.1517	0.23971	0.33442	RP11-395L	chr2	+	1.14E+08	1.14E+08	768
ENSG0000(	51.11066	75.48686	-0.55531	0.046117	0.082941	ZC3H8	chr2	-	1.13E+08	1.13E+08	1813
ENSG0000(	22.08936	40.8071	-0.88342	0.036156	0.067082	LIPT1	chr2	+	99771418	99779620	1543
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	TRIM43CP	chr2	-	97691718	97697373	1028
ENSG0000(	0.653381	0.686276	-0.0351	0.98379	NA	CNGA3	chr2	+	98962618	99015064	3841
ENSG0000(	206.4161	476.2401	-1.2033	1.31E-08	5.51E-08	FAHD2B	chr2	-	97749320	97760619	1388
ENSG0000(	12.23021	7.829936	0.6143	0.32034	0.42316	LYG1	chr2	-	99900701	99921205	1038
ENSG0000(	4362.381	48.03321	6.5003	0	0	AFF3	chr2	-	1E+08	1.01E+08	8135
ENSG0000(	2398.963	1444.667	0.7313	2.17E-14	1.37E-13	UBXN4	chr2	+	1.36E+08	1.37E+08	4006
ENSG0000(	11.05964	10.88333	0.024548	0.97406	0.98544	NXPH2	chr2	-	1.39E+08	1.4E+08	1052
ENSG0000(	324.6148	130.3272	1.3139	5.60E-16	3.87E-15	SPOPL	chr2	+	1.39E+08	1.39E+08	6025
ENSG0000(	0	44.34207	-7.0507	2.88E-10	1.38E-09	THSD7B	chr2	+	1.38E+08	1.38E+08	6111
ENSG0000(	6.525252	0.937167	2.4117	0.035157	0.065406	GPR17	chr2	+	1.28E+08	1.28E+08	2598
ENSG0000(	584.4275	852.3411	-0.54389	2.52E-06	8.65E-06	POLR2D	chr2	-	1.29E+08	1.29E+08	2327
ENSG0000(	786.2234	524.0375	0.58506	1.69E-07	6.45E-07	AMMECR1L	chr2	-	1.29E+08	1.29E+08	4658
ENSG0000(	11.46298	198.4318	-4.077	4.44E-39	7.65E-38	GALNT13	chr2	+	1.55E+08	1.55E+08	5536
ENSG0000(	685.4955	1337.699	-0.96231	4.67E-17	3.43E-16	PKP4	chr2	+	1.59E+08	1.6E+08	5777
ENSG0000(	0.580602	9.072982	-3.3654	0.002969	0.006848	SCN1A	chr2	-	1.67E+08	1.67E+08	8133
ENSG0000(	0	4.63159	-3.7851	0.007148	0.015444	SLC4A10	chr2	+	1.62E+08	1.63E+08	5710
ENSG0000(	199.3636	86.6051	1.1949	2.84E-09	1.26E-08	SCRN3	chr2	+	1.75E+08	1.75E+08	3037
ENSG0000(	525.4363	164.65	1.672	8.49E-26	9.16E-25	KIAA1715	chr2	-	1.77E+08	1.77E+08	7610
ENSG0000(	6.161358	30.54035	-2.2475	2.38E-05	7.31E-05	ZNF385B	chr2	-	1.8E+08	1.81E+08	3288
ENSG0000(	223.6933	14.89746	3.8744	3.35E-30	4.29E-29	TMEFF2	chr2	-	1.93E+08	1.93E+08	3364
ENSG0000(	417.4609	1395.681	-1.7387	2.25E-35	3.46E-34	CDCA7	chr2	+	1.74E+08	1.74E+08	3176
ENSG0000(	2675.674	2.355842	9.9455	2.40E-84	1.08E-82	DLX1	chr2	+	1.73E+08	1.73E+08	2640
ENSG0000(	685.1991	305.452	1.1635	5.80E-20	4.88E-19	UBR3	chr2	+	1.71E+08	1.71E+08	8005
ENSG0000(	5.634789	23.38299	-1.971	0.0061	0.013361	PHOSPHO2	chr2	+	1.71E+08	1.71E+08	1125
ENSG0000(	193.86	731.3063	-1.9086	3.48E-19	2.81E-18	GULP1	chr2	+	1.89E+08	1.89E+08	7427
ENSG0000(	264.2993	366.5078	-0.46864	0.039075	0.071885	FAM171B	chr2	+	1.88E+08	1.88E+08	5819
ENSG0000(	5124.609	16766.7	-1.7082	5.73E-46	1.17E-44	HSPD1	chr2	-	1.98E+08	1.98E+08	2455
ENSG0000(	99.92541	247.5849	-1.3	2.21E-09	9.89E-09	CCDC150	chr2	+	1.98E+08	1.98E+08	3685
ENSG0000(	236.9296	624.0596	-1.3934	1.82E-17	1.36E-16	METTL21A	chr2	-	2.08E+08	2.08E+08	4805
ENSG0000(	5.778554	1.773966	1.5456	0.16348	0.24406	UNC80	chr2	+	2.11E+08	2.11E+08	13562
ENSG0000(	4.253456	7.905198	-0.84758	0.27317	0.37284	PTH2R	chr2	+	2.09E+08	2.1E+08	2713
ENSG0000(	0.290301	27.50226	-5.5663	4.22E-07	1.56E-06	CPO	chr2	+	2.08E+08	2.08E+08	1209
ENSG0000(	327.4987	53.39317	2.6101	2.33E-39	4.04E-38	NBEAL1	chr2	+	2.04E+08	2.04E+08	10938
ENSG0000(	229.9951	184.0336	0.3215	0.046817	0.084022	KANSL1L	chr2	-	2.11E+08	2.11E+08	4754
ENSG0000(	182.2513	202.0468	-0.15008	0.3964	0.5009	SPAG16	chr2	+	2.14E+08	2.15E+08	4751
ENSG0000(	24.36214	3.723561	2.6159	0.000173	0.00048	ABCA12	chr2	-	2.16E+08	2.16E+08	9100

ENSG0000(	326.6195	186.8908	0.8051	0.000341	0.000904	SUMF1	chr3	-	3742498	4508965	3150
ENSG0000(	0.290301	0	0.4146	0.81455	NA	NYAP2	chr2	+	2.26E+08	2.27E+08	4828
ENSG0000(	421.0343	282.8834	0.57216	0.001924	0.004565	RHBDD1	chr2	+	2.28E+08	2.28E+08	5151
ENSG0000(	169.6712	34.29701	2.2876	2.17E-11	1.13E-10	CXCR7	chr2	+	2.37E+08	2.37E+08	2203
ENSG0000(	37.5454	1.340997	4.5782	1.81E-09	8.14E-09	TRPM8	chr2	+	2.35E+08	2.35E+08	5621
ENSG0000(	335.5023	1448.209	-2.1066	5.44E-52	1.32E-50	HES6	chr2	-	2.39E+08	2.39E+08	1600
ENSG0000(	0.290301	11.52194	-4.3389	0.000368	0.000972	ESPNL	chr2	+	2.39E+08	2.39E+08	4836
ENSG0000(	177.732	83.27651	1.0844	2.89E-06	9.86E-06	ANKMY1	chr2	-	2.41E+08	2.42E+08	4640
ENSG0000(	960.9664	1041.185	-0.11502	0.30848	0.4102	COPS7B	chr2	+	2.33E+08	2.33E+08	3299
ENSG0000(	386.8986	327.1719	0.24254	0.10592	0.16952	DIS3L2	chr2	+	2.33E+08	2.33E+08	4671
ENSG0000(	1.338465	45.95665	-4.8695	9.87E-11	4.88E-10	CPNE9	chr3	+	9745491	9771592	2068
ENSG0000(	565.8859	1511.692	-1.4154	3.16E-26	3.47E-25	FANCD2	chr3	+	10068098	10143614	5219
ENSG0000(	217.8907	255.0466	-0.22577	0.21923	0.31092	TAMM41	chr3	-	11831916	11888393	2768
ENSG0000(	1126.99	524.1186	1.1037	1.76E-18	1.37E-17	VGLL4	chr3	-	11597544	11762220	3725
ENSG0000(	877.3737	1107.55	-0.33549	0.001012	0.002507	RAB5A	chr3	+	19988571	20026667	2536
ENSG0000(	1271.103	1021.439	0.31486	0.006251	0.013663	FAM134A	chr2	+	2.2E+08	2.2E+08	4618
ENSG0000(	1133.061	285.07	1.988	3.13E-55	8.11E-54	CTDSP1	chr2	+	2.19E+08	2.19E+08	2638
ENSG0000(	1100.437	1296.347	-0.23561	0.22761	0.32065	RQCD1	chr2	+	2.19E+08	2.19E+08	4079
ENSG0000(	266.1927	26.37657	3.3067	1.44E-40	2.58E-39	4-Mar	chr2	-	2.17E+08	2.17E+08	4447
ENSG0000(	522.3944	518.5907	0.010829	0.94793	0.96709	STK11IP	chr2	+	2.2E+08	2.2E+08	3615
ENSG0000(	1107.179	565.9014	0.96773	9.42E-19	7.45E-18	GMPPA	chr2	+	2.2E+08	2.2E+08	4942
ENSG0000(	5.871871	222.3437	-5.1659	3.91E-23	3.81E-22	GRIP2	chr3	-	14530619	14583588	7751
ENSG0000(	277.204	370.3896	-0.4164	0.007886	0.016879	EAF1	chr3	+	15468862	15484120	4690
ENSG0000(	0	7.03114	-4.4148	0.000825	0.002075	CNTN4	chr3	+	2140497	3099645	5198
ENSG0000(	766.8556	1101.316	-0.52102	4.96E-05	0.000147	DYNC1LI1	chr3	-	32567463	32612366	4791
ENSG0000(	526.9864	115.3164	2.1851	1.80E-38	3.04E-37	RBMS3	chr3	+	29322473	30051886	8208
ENSG0000(	2.914991	2.995994	-0.02795	0.98106	0.98953	GADL1	chr3	-	30767692	30936257	4509
ENSG0000(	552.2173	1148.613	-1.0546	6.46E-11	3.25E-10	OSBPL10	chr3	-	31699382	32119072	7723
ENSG0000(	238.7016	364.6511	-0.60855	0.000137	0.000385	GTDC2	chr3	-	43120724	43147568	2544
ENSG0000(	0.342542	3.259039	-2.5103	0.084665	0.14027	CCBP2	chr3	+	42846244	42949597	3605
ENSG0000(	0	76.66364	-7.8012	9.64E-13	5.48E-12	FAM198A	chr3	+	43020759	43101703	3121
ENSG0000(	666.3648	225.5623	1.5603	1.38E-19	1.14E-18	CSRNP1	chr3	-	39183346	39196053	3148
ENSG0000(	452.687	688.6061	-0.60316	0.000493	0.001282	SLC25A38	chr3	+	39424839	39438842	2123
ENSG0000(	47.96022	126.8286	-1.4002	1.42E-08	5.95E-08	ITGA9	chr3	+	37493606	37865005	7889
ENSG0000(	1.048164	0.343138	0.98412	0.56751	NA	SLC22A14	chr3	+	38323785	38360066	2277
ENSG0000(	2306.94	1108.663	1.051	0.000205	0.000562	GOLGA4	chr3	+	37284668	37408242	7772
ENSG0000(	1002.333	620.8392	0.6898	1.24E-06	4.40E-06	CTDSPL	chr3	+	37903451	38025960	4640
ENSG0000(	114.7967	144.3723	-0.32716	0.16035	0.24013	STAC	chr3	+	36421836	36589499	3227
ENSG0000(	1265.761	1028.673	0.29774	0.15511	0.23363	IQSEC1	chr3	-	12938719	13114617	5279
ENSG0000(	391.4317	427.9658	-0.12867	0.49603	0.5999	CAND2	chr3	+	12837971	12913415	4573
ENSG0000(	6174.563	8080.051	-0.38745	0.001055	0.002605	RPL32	chr3	-	12875984	12883087	2117
ENSG0000(	2594.287	1912.37	0.43989	1.74E-05	5.45E-05	PTPRG	chr3	+	61547243	62283288	9021
ENSG0000(	8974.819	3363.672	1.4151	1.37E-53	3.43E-52	IL17RD	chr3	-	57124010	57204334	8720
ENSG0000(	291.0892	346.9823	-0.25255	0.1422	0.21675	SHQ1	chr3	-	72798428	72911065	4024
ENSG0000(	234.2885	425.0817	-0.8596	1.57E-07	6.04E-07	SLC25A26	chr3	+	66119285	66438530	3869
ENSG0000(	775.8212	687.242	0.17546	0.12899	0.20042	UBA3	chr3	-	69103881	69129559	2154
ENSG0000(	1426.972	492.6969	1.5326	2.97E-29	3.68E-28	ARL6IP5	chr3	+	69134095	69155217	2101
ENSG0000(	802.8902	241.5401	1.7315	5.12E-21	4.52E-20	TMF1	chr3	-	69068978	69101484	6886
ENSG0000(	769.5718	2051.043	-1.4123	1.12E-29	1.42E-28	LRIG1	chr3	-	66429221	66551687	5283
ENSG0000(	0.975385	0.297015	0.91901	0.59525	NA	LRTM1	chr3	-	54952264	55001115	1423
ENSG0000(	1037.252	939.5356	0.1429	0.181	0.26558	LIMD1	chr3	+	45596886	45727830	11331
ENSG0000(	170.745	195.8936	-0.19651	0.37631	0.48035	ZNF660	chr3	+	44619715	44641186	5834
ENSG0000(	167.5443	85.78529	0.95886	4.86E-05	0.000144	NFKBIZ	chr3	+	1.02E+08	1.02E+08	3923
ENSG0000(	9988.127	22.97742	8.5498	1.78E-54	4.55E-53	COL8A1	chr3	+	99357319	99518070	5705
ENSG0000(	817.3798	333.2475	1.2899	5.73E-18	4.39E-17	NXPE3	chr3	+	1.01E+08	1.02E+08	8152
ENSG0000(	0	1.669566	-1.94	0.2691	NA	GPR128	chr3	+	1E+08	1E+08	3140
ENSG0000(	300.8888	7.484382	5.2546	2.82E-47	5.97E-46	MYH15	chr3	-	1.08E+08	1.08E+08	7074
ENSG0000(	1350.639	962.5064	0.48831	0.003478	0.007939	PHLDB2	chr3	+	1.11E+08	1.12E+08	6127
ENSG0000(	530.4261	266.36	0.9907	1.78E-12	9.92E-12	ABHD10	chr3	+	1.12E+08	1.12E+08	2590
ENSG0000(	148.8361	34.53985	2.1025	4.03E-13	2.35E-12	TAGLN3	chr3	+	1.12E+08	1.12E+08	1488
ENSG0000(	7.282301	0	4.4688	0.000653	0.001665	PLA1A	chr3	+	1.19E+08	1.19E+08	1786
ENSG0000(	520.1934	236.8826	1.1334	9.08E-09	3.87E-08	RABL3	chr3	-	1.2E+08	1.2E+08	3883
ENSG0000(	42.76227	60.64123	-0.49946	0.078871	0.13192	ADPRH	chr3	+	1.19E+08	1.19E+08	4546
ENSG0000(	0.36308	24.09673	-5.3523	1.61E-06	5.66E-06	IGSF11	chr3	-	1.19E+08	1.19E+08	3558
ENSG0000(	464.6122	589.1777	-0.34095	0.079381	0.13262	ATG3	chr3	-	1.12E+08	1.12E+08	3010

ENSG0000(	0	3.06884	-3.0961	0.043807	0.079295	NR1I2	chr3	+	1.19E+08	1.2E+08	4417
ENSG0000(	1397.411	108.3531	3.6857	1.89E-124	1.60E-122	BOC	chr3	+	1.13E+08	1.13E+08	5750
ENSG0000(	946.193	558.5024	0.75942	9.12E-06	2.94E-05	SRPRB	chr3	+	1.34E+08	1.34E+08	2016
ENSG0000(	94.48784	218.5995	-1.2062	3.08E-08	1.26E-07	TMEM108	chr3	+	1.33E+08	1.33E+08	4833
ENSG0000(	123.0948	0.640152	7.0206	9.88E-17	7.11E-16	AGTR1	chr3	+	1.48E+08	1.48E+08	2412
ENSG0000(	40.71818	197.1249	-2.2622	3.01E-17	2.23E-16	MED12L	chr3	+	1.51E+08	1.51E+08	10744
ENSG0000(	890.167	994.3469	-0.15848	0.23482	0.32865	EIF2A	chr3	+	1.5E+08	1.5E+08	2198
ENSG0000(	0.290301	19.36403	-5.0248	2.05E-05	6.33E-05	ALDH1L1	chr3	-	1.26E+08	1.26E+08	4604
ENSG0000(	421.2306	370.1039	0.18786	0.1661	0.24723	OSBPL11	chr3	-	1.25E+08	1.25E+08	4191
ENSG0000(	142.8287	135.3643	0.072947	0.72318	0.79524	TRPC1	chr3	+	1.42E+08	1.43E+08	4324
ENSG0000(	70.54103	52.65358	0.4132	0.16578	0.24686	NCEH1	chr3	-	1.72E+08	1.72E+08	4687
ENSG0000(	0.632843	0.343138	0.49756	0.77728	NA	SPATA16	chr3	-	1.73E+08	1.73E+08	2106
ENSG0000(	0.342542	5.76782	-3.3094	0.013388	0.027423	FAM86B2	chr8	-	12282913	12293915	1268
ENSG0000(	3176.204	827.5449	1.9388	5.28E-96	2.87E-94	LPP	chr3	+	1.88E+08	1.89E+08	18278
ENSG0000(	393.3104	197.0456	0.99305	1.33E-09	6.05E-09	TMEM44	chr3	-	1.94E+08	1.94E+08	2490
ENSG0000(	676.3891	393.0317	0.78172	2.80E-07	1.05E-06	KIAA0226	chr3	-	1.97E+08	1.97E+08	6955
ENSG0000(	59.67584	574.2819	-3.2652	2.79E-61	8.30E-60	AMT	chr3	-	49454211	49460186	3272
ENSG0000(	203.4912	102.5932	0.98341	0.000833	0.002094	TCTA	chr3	+	49449639	49453908	2146
ENSG0000(	167.4866	95.02578	0.81388	4.34E-05	0.000129	NICN1	chr3	-	49460379	49466759	2616
ENSG0000(	1.866827	0	2.3484	0.15622	NA	UCN2	chr3	-	48599160	48601206	1481
ENSG0000(	646.9313	720.1828	-0.15377	0.39873	0.50335	VPRBP	chr3	-	51433298	51534010	4529
ENSG0000(	2557.683	1028.652	1.3129	2.21E-24	2.26E-23	MANF	chr3	+	51422478	51426828	1509
ENSG0000(	0	1.995719	-2.4883	0.12386	0.19391	AC062028.	chr2	-	11239977	11272947	1635
ENSG0000(	38.39056	38.99574	-0.01539	0.97155	0.98431	CCDC39	chr3	-	1.8E+08	1.81E+08	4451
ENSG0000(	5.415474	55.79996	-3.3147	2.07E-10	1.00E-09	STXBP5L	chr3	+	1.21E+08	1.21E+08	9496
ENSG0000(	27.81225	61.96041	-1.142	0.000396	0.001042	EAF2	chr3	+	1.22E+08	1.22E+08	992
ENSG0000(	0	49.0555	-7.1159	7.07E-10	3.30E-09	ILDR1	chr3	-	1.22E+08	1.22E+08	2659
ENSG0000(	3.173589	3.616746	-0.15814	0.88037	0.91661	TM4SF19	chr3	-	1.96E+08	1.96E+08	1582
ENSG0000(	0.290301	37.64917	-5.9988	2.14E-08	8.82E-08	MUC4	chr3	-	1.95E+08	1.96E+08	17110
ENSG0000(	613.632	279.1928	1.1355	1.32E-17	9.97E-17	SLIT2	chr4	+	20254883	20622184	6390
ENSG0000(	746.2155	768.3069	-0.04139	0.793	0.85287	EIF2B5	chr3	+	1.84E+08	1.84E+08	3460
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AHSG	chr3	+	1.86E+08	1.86E+08	1711
ENSG0000(	53.77839	203.3052	-1.8999	2.87E-13	1.68E-12	ECE2	chr3	+	1.84E+08	1.84E+08	3445
ENSG0000(	10.15622	41.49753	-1.9849	0.000251	0.000678	VWA5B2	chr3	+	1.84E+08	1.84E+08	4120
ENSG0000(	916.9617	725.25	0.33687	0.032108	0.06028	DGKQ	chr4	-	952675	980683	4636
ENSG0000(	586.3601	637.5344	-0.1206	0.32219	0.4251	FIP1L1	chr4	+	54243810	55161439	3180
ENSG0000(	53.02215	16.7961	1.6397	9.68E-06	3.11E-05	SLC26A1	chr4	-	972861	987228	3660
ENSG0000(	324.2696	922.5971	-1.5015	2.68E-10	1.29E-09	LYAR	chr4	-	4269428	4291896	1569
ENSG0000(	247.703	207.3248	0.25777	0.17306	0.2558	CENPC1	chr4	-	68337521	68411324	3885
ENSG0000(	58.51122	0.640152	5.9863	1.23E-11	6.49E-11	EPHA5	chr4	-	66185281	66536213	8266
ENSG0000(	26.67917	3.359407	2.7902	0.000313	0.000837	CORIN	chr4	-	47596015	47840123	5378
ENSG0000(	713.3406	29.55948	4.5692	3.89E-99	2.18E-97	ATP10D	chr4	+	47487305	47595503	6655
ENSG0000(	1025.452	851.1971	0.26847	0.01359	0.02779	OCIAD2	chr4	-	48887036	48908954	1886
ENSG0000(	34.8565	76.34648	-1.1262	0.0001	0.000286	SLC10A4	chr4	+	48485360	48491213	1790
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	SLC10A6	chr4	-	87744621	87770416	1502
ENSG0000(	366.6078	169.9243	1.1069	3.75E-13	2.19E-12	SCD5	chr4	-	83550692	83720010	3101
ENSG0000(	15.8628	12.10382	0.36574	0.50188	0.60535	PLAC8	chr4	-	84011201	84058228	2253
ENSG0000(	709.1868	1270.463	-0.84056	4.11E-13	2.40E-12	ENOPH1	chr4	+	83351715	83382244	2025
ENSG0000(	0	2.073397	-2.2159	0.20168	0.2903	GC	chr4	-	72607410	72669758	1972
ENSG0000(	77.93979	41.90761	0.88699	0.013625	0.027851	TRMT10A	chr4	-	1E+08	1E+08	3694
ENSG0000(	400.6609	152.7293	1.3884	8.08E-19	6.41E-18	KLHL8	chr4	-	88081255	88141760	5621
ENSG0000(	507.4755	44.44164	3.494	4.94E-37	8.01E-36	SNCA	chr4	-	90645250	90759466	3173
ENSG0000(	0.342542	0	0.4146	0.81455	NA	PYURF	chr4	-	89442136	89444964	1361
ENSG0000(	425.725	214.908	0.98543	5.78E-11	2.92E-10	TBCK	chr4	-	1.07E+08	1.07E+08	5383
ENSG0000(	1413.133	403.3885	1.8028	1.83E-22	1.72E-21	CAMK2D	chr4	-	1.14E+08	1.15E+08	5947
ENSG0000(	264.2886	230.5361	0.19657	0.41036	0.51519	CISD2	chr4	+	1.04E+08	1.04E+08	2327
ENSG0000(	11.07936	80.75948	-2.826	1.06E-14	6.79E-14	DDIT4L	chr4	-	1.01E+08	1.01E+08	2604
ENSG0000(	313.8874	540.8929	-0.77846	0.011277	0.023436	ANK2	chr4	+	1.14E+08	1.14E+08	14196
ENSG0000(	82.72502	24.60335	1.7373	1.95E-08	8.06E-08	TIFA	chr4	-	1.13E+08	1.13E+08	3072
ENSG0000(	204.5585	176.5566	0.21148	0.24807	0.34428	SPATA5	chr4	+	1.24E+08	1.24E+08	3341
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	FABP2	chr4	-	1.2E+08	1.2E+08	2478
ENSG0000(	1211.792	2205.69	-0.86331	2.33E-17	1.74E-16	CCNA2	chr4	-	1.23E+08	1.23E+08	2797
ENSG0000(	336.6735	363.6351	-0.11	0.46789	0.5727	METTL14	chr4	+	1.2E+08	1.2E+08	3887
ENSG0000(	885.9687	373.5541	1.2417	2.33E-07	8.83E-07	USP53	chr4	+	1.2E+08	1.2E+08	6072
ENSG0000(	1441.676	203.584	2.814	2.06E-50	4.75E-49	SETD7	chr4	-	1.4E+08	1.4E+08	7365

ENSG0000(	241.8058	367.8277	-0.6046	2.85E-05	8.66E-05	NAF1	chr4	-	1.64E+08	1.64E+08	2329
ENSG0000(	130.497	81.98554	0.66966	0.001863	0.004429	1-Mar	chr4	-	1.64E+08	1.65E+08	5877
ENSG0000(	19.29678	13283.68	-9.4023	0	0	SFRP2	chr4	-	1.55E+08	1.55E+08	2032
ENSG0000(	3056.359	4632.564	-0.59921	2.68E-07	1.01E-06	RPS3A	chr4	+	1.52E+08	1.52E+08	1526
ENSG0000(	12.6567	123.534	-3.2708	9.73E-23	9.29E-22	RNF175	chr4	-	1.55E+08	1.55E+08	3203
ENSG0000(	1286.866	82.52357	3.9548	2.77E-76	1.11E-74	PDGFC	chr4	-	1.58E+08	1.58E+08	4165
ENSG0000(	272.8362	591.1011	-1.1138	5.94E-12	3.19E-11	CBR4	chr4	-	1.7E+08	1.7E+08	3443
ENSG0000(	0	3.085825	-3.0709	0.047974	0.085814	GLRA3	chr4	-	1.76E+08	1.76E+08	8770
ENSG0000(	192.0908	119.143	0.68087	0.02587	0.049771	CYP4V2	chr4	+	1.87E+08	1.87E+08	8646
ENSG0000(	1.939605	1.638012	0.21411	0.86025	0.90201	ROPN1L	chr5	+	10441636	10472141	1291
ENSG0000(	1455.712	2807.73	-0.94666	5.55E-17	4.05E-16	NDUFS6	chr5	+	1801514	1816719	1082
ENSG0000(	1820.277	1169.264	0.63793	8.54E-11	4.24E-10	6-Mar	chr5	+	10353815	10435491	4734
ENSG0000(	231.5905	322.5653	-0.47485	0.10726	0.17133	NKD2	chr5	+	1008944	1039058	2155
ENSG0000(	18.80868	0.700845	4.3769	8.55E-06	2.77E-05	CDH18	chr5	-	19473060	20575982	3542
ENSG0000(	48.67277	544.8783	-3.4631	4.93E-68	1.72E-66	ADAMTS16	chr5	+	5140443	5320417	4979
ENSG0000(	271.3128	400.5667	-0.55905	9.58E-05	0.000274	SRD5A1	chr5	+	6633456	6669675	2308
ENSG0000(	4818.185	5080.357	-0.07641	0.44552	0.55101	MYO10	chr5	-	16665395	16936372	8038
ENSG0000(	9.689468	116.5546	-3.5677	2.02E-23	1.98E-22	FAM105A	chr5	+	14581884	14615116	3597
ENSG0000(	5408.992	7283.789	-0.42882	8.06E-05	0.000232	RPL37	chr5	-	40825364	40835437	7686
ENSG0000(	950.1379	1015.26	-0.09501	0.57771	0.67421	SKP2	chr5	+	36152091	36184421	3759
ENSG0000(	702.1701	46.76424	3.8913	3.23E-74	1.25E-72	OSMR	chr5	+	38845960	38945698	5539
ENSG0000(	0	53.21928	-7.2798	8.57E-11	4.26E-10	UGT3A1	chr5	-	35951112	36001130	5122
ENSG0000(	1328.518	268.9453	2.3027	1.29E-57	3.54E-56	PLK2	chr5	-	57749809	57756087	2960
ENSG0000(	1.89853	182.0621	-6.3414	1.91E-27	2.21E-26	FAM159B	chr5	+	63986135	64013917	847
ENSG0000(	47.78442	0.343138	6.2727	4.40E-09	1.92E-08	GZMA	chr5	+	54398476	54406080	894
ENSG0000(	494.2993	229.6587	1.1028	2.71E-06	9.29E-06	PIK3R1	chr5	+	67511548	67597649	7011
ENSG0000(	2835.882	203.2638	3.7994	1.59E-169	2.31E-167	HAPLN1	chr5	-	82933624	83017432	5607
ENSG0000(	1239.809	991.4419	0.32137	0.042906	0.077896	LHFPL2	chr5	-	77781038	78065844	5043
ENSG0000(	268.615	269.6831	-0.00627	0.97383	0.98544	SSBP2	chr5	-	80708840	81047616	8780
ENSG0000(	0	9.369996	-4.8446	0.000134	0.000376	BHMT	chr5	+	78407602	78428108	2497
ENSG0000(	1.411244	3.443532	-1.1232	0.3677	0.47235	ANKRD31	chr5	-	74364100	74532703	6036
ENSG0000(	249.5579	1946.532	-2.9565	3.07E-70	1.11E-68	IQGAP2	chr5	+	75699074	76003957	5844
ENSG0000(	4.169512	2.338857	0.77628	0.44139	0.54722	CRHBP	chr5	+	76248538	76276983	1980
ENSG0000(	2168.538	645.4169	1.745	1.51E-32	2.12E-31	RASA1	chr5	+	86563705	86687748	4979
ENSG0000(	5.197138	3.10281	0.67646	0.54707	0.6472	LIX1	chr5	-	96427574	96478576	4023
ENSG0000(	23.28985	63.93256	-1.4459	3.00E-05	9.08E-05	GIN1	chr5	-	1.02E+08	1.02E+08	3325
ENSG0000(	1029.774	343.8136	1.5804	2.90E-18	2.25E-17	PPIP5K2	chr5	+	1.02E+08	1.03E+08	5817
ENSG0000(	2713.284	769.786	1.816	1.81E-51	4.33E-50	PAM	chr5	+	1.02E+08	1.02E+08	5432
ENSG0000(	953.7641	542.996	0.80816	0.005989	0.013133	BDP1	chr5	+	70751442	70863649	11073
ENSG0000(	101.3933	154.4829	-0.60415	0.003196	0.007338	GTF2H2	chr5	-	70330784	70363516	2077
ENSG0000(	730.0268	411.3541	0.82565	2.08E-09	9.33E-09	SLC30A5	chr5	+	68389473	68426896	4360
ENSG0000(	4869.776	6978.147	-0.51833	2.80E-06	9.56E-06	BTF3	chr5	+	72794233	72801460	1237
ENSG0000(	443.4486	80.20923	2.4575	1.53E-25	1.63E-24	FBXL17	chr5	-	1.07E+08	1.08E+08	5188
ENSG0000(	6.941551	1.309443	2.1459	0.048136	0.086072	SPATA9	chr5	-	94987885	95034415	2169
ENSG0000(	0	7.45766	-4.5027	0.00061	0.001564	TSLP	chr5	+	1.1E+08	1.1E+08	2621
ENSG0000(	171.3956	221.8812	-0.37275	0.030057	0.056851	TNFAIP8	chr5	+	1.19E+08	1.19E+08	3591
ENSG0000(	498.2672	358.3466	0.47486	0.000538	0.001389	FEM1C	chr5	-	1.15E+08	1.15E+08	5813
ENSG0000(	285.8594	313.5024	-0.1312	0.50129	0.60491	COMMD10	chr5	+	1.15E+08	1.16E+08	1469
ENSG0000(	706.996	424.8309	0.7344	1.18E-08	4.96E-08	ATG12	chr5	-	1.15E+08	1.15E+08	4333
ENSG0000(	1270.17	497.1423	1.3515	2.02E-16	1.43E-15	MEGF10	chr5	+	1.27E+08	1.27E+08	7594
ENSG0000(	17.33664	704.863	-5.3345	1.10E-104	6.79E-103	ADAMTS19	chr5	+	1.29E+08	1.29E+08	5234
ENSG0000(	1257.406	441.9497	1.5076	5.40E-31	7.17E-30	YIPF5	chr5	-	1.44E+08	1.44E+08	3147
ENSG0000(	160.9357	350.9739	-1.1223	1.21E-11	6.37E-11	ARHGAP26	chr5	+	1.42E+08	1.43E+08	9200
ENSG0000(	70.06491	1.730259	5.1894	8.53E-15	5.53E-14	CXCL14	chr5	-	1.35E+08	1.35E+08	1971
ENSG0000(	1.555988	4.175931	-1.158	0.38264	0.48679	LECT2	chr5	-	1.35E+08	1.35E+08	1077
ENSG0000(	0	9.251028	-4.7666	0.000274	0.000738	SLC25A48	chr5	+	1.35E+08	1.35E+08	2062
ENSG0000(	1831.978	2595.471	-0.50129	0.003566	0.008125	DDX46	chr5	+	1.34E+08	1.34E+08	5689
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	IL9	chr5	-	1.35E+08	1.35E+08	591
ENSG0000(	0.342542	0	0.4146	0.81455	NA	TIMD4	chr5	-	1.56E+08	1.56E+08	1369
ENSG0000(	619.1019	536.9247	0.20473	0.1534	0.23136	RNF145	chr5	-	1.59E+08	1.59E+08	3613
ENSG0000(	33.90083	6.361849	2.374	4.85E-06	1.61E-05	C1QTNF2	chr5	-	1.6E+08	1.6E+08	2414
ENSG0000(	34.48046	25.37617	0.4439	0.31664	0.41929	GABRB2	chr5	-	1.61E+08	1.61E+08	7385
ENSG0000(	634.8585	422.9379	0.58552	0.000149	0.000414	FBXO38	chr5	+	1.48E+08	1.48E+08	4424
ENSG0000(	183.5737	174.0697	0.076612	0.75063	0.81767	PCYOX1L	chr5	+	1.49E+08	1.49E+08	4887
ENSG0000(	0.653381	1.280305	-0.72001	0.64696	0.73318	GLRA1	chr5	-	1.51E+08	1.51E+08	1803

ENSG0000(	942.6314	853.499	0.14354	0.43764	0.54315	TNIP1	chr5	-	1.5E+08	1.5E+08	3268
ENSG0000(	3662.883	6518.694	-0.83036	2.03E-09	9.11E-09	G3BP1	chr5	+	1.51E+08	1.51E+08	10240
ENSG0000(	162.2936	116.2274	0.48048	0.056778	0.099451	ZNF300	chr5	-	1.5E+08	1.5E+08	4155
ENSG0000(	12.96754	2684.069	-7.6544	1.56E-156	1.96E-154	N4BP3	chr5	+	1.78E+08	1.78E+08	6080
ENSG0000(	628.4946	1062.14	-0.75527	5.64E-07	2.06E-06	NHP2	chr5	-	1.78E+08	1.78E+08	865
ENSG0000(	402.6205	1542.349	-1.9348	1.05E-45	2.14E-44	RMND5B	chr5	+	1.78E+08	1.78E+08	4250
ENSG0000(	967.8864	1805.366	-0.89861	1.87E-19	1.53E-18	BOD1	chr5	-	1.73E+08	1.73E+08	1562
ENSG0000(	0.290301	34.83438	-5.8644	8.52E-08	3.34E-07	CPLX2	chr5	+	1.75E+08	1.75E+08	5023
ENSG0000(	141.6653	26.75771	2.3913	6.53E-20	5.48E-19	TENM2	chr5	+	1.67E+08	1.68E+08	9427
ENSG0000(	3.422814	6.849062	-0.9099	0.30526	0.40686	KCNMB1	chr5	-	1.7E+08	1.7E+08	1733
ENSG0000(	3.019472	73.63126	-4.5133	3.43E-16	2.40E-15	FAM50B	chr6	+	3849620	3851551	1932
ENSG0000(	6.527044	4.129808	0.60929	0.53448	0.63539	MYLK4	chr6	-	2663863	2751200	5798
ENSG0000(	7.012538	4.378283	0.64417	0.43947	0.54523	C6ORF50	chr6	+	3982909	3984372	1464
ENSG0000(	1.649304	4.899467	-1.425	0.17478	0.25791	FAM217A	chr6	-	4049668	4087578	2265
ENSG0000(	342.8792	489.7479	-0.51553	0.000157	0.000438	TBC1D7	chr6	-	13275081	13328776	1544
ENSG0000(	233.0529	194.5987	0.25889	0.23011	0.32347	FARS2	chr6	+	5261277	5771813	1692
ENSG0000(	130.1403	194.9722	-0.58423	0.015272	0.030899	GFOD1	chr6	-	13358062	13487894	8751
ENSG0000(	275.1803	342.8745	-0.31465	0.04475	0.080722	CDKAL1	chr6	+	20534688	21232635	3272
ENSG0000(	12.42638	3.91376	1.584	0.042064	0.076606	PCDHB18	chr5	+	1.41E+08	1.41E+08	3164
ENSG0000(	26.37012	12.28274	1.0481	0.11493	0.18206	PSD2	chr5	+	1.39E+08	1.39E+08	4513
ENSG0000(	3.713929	2.278164	0.62046	0.54856	0.64859	LRRTM2	chr5	-	1.38E+08	1.38E+08	2216
ENSG0000(	1021.278	1112.08	-0.12231	0.47692	0.58143	ZMAT2	chr5	+	1.4E+08	1.4E+08	1634
ENSG0000(	2.987769	24.82752	-2.9562	5.41E-06	1.79E-05	GFRA3	chr5	-	1.38E+08	1.38E+08	2039
ENSG0000(	53.13682	275.6821	-2.3684	1.91E-29	2.39E-28	KLHL3	chr5	-	1.37E+08	1.37E+08	6981
ENSG0000(	5.290455	1.949596	1.3086	0.18085	0.26537	DCDC2	chr6	-	24171984	24358280	4707
ENSG0000(	23.05016	18.34516	0.31677	0.56289	0.661	TRIM7	chr5	-	1.81E+08	1.81E+08	4357
ENSG0000(	643.9545	790.234	-0.29499	0.062941	0.10876	TRIM41	chr5	+	1.81E+08	1.81E+08	7015
ENSG0000(	194.5014	236.5916	-0.28295	0.067986	0.1162	HIGD2A	chr5	+	1.76E+08	1.76E+08	668
ENSG0000(	813.6519	933.6907	-0.19842	0.11684	0.18459	FAM193B	chr5	-	1.77E+08	1.77E+08	4604
ENSG0000(	274.5731	60.99168	2.1611	1.14E-20	9.87E-20	PLA2G7	chr6	-	46671938	46703430	1882
ENSG0000(	4192.092	1416.625	1.5632	6.66E-41	1.20E-39	TNFRSF21	chr6	-	47199268	47277641	3595
ENSG0000(	690.6319	4658.771	-2.7506	1.96E-132	1.81E-130	RNF44	chr5	-	1.76E+08	1.76E+08	4155
ENSG0000(	433.2158	264.1648	0.71409	3.72E-06	1.25E-05	MUT	chr6	-	49398073	49430904	3749
ENSG0000(	1.068702	23.39756	-4.2202	2.23E-06	7.71E-06	RASGEF1C	chr5	-	1.8E+08	1.8E+08	2395
ENSG0000(	27.0843	117.3714	-2.0574	0.000308	0.000823	DOK3	chr5	-	1.77E+08	1.77E+08	2292
ENSG0000(	585.6385	782.0667	-0.41551	0.007084	0.015322	ABT1	chr6	+	26597180	26600278	2255
ENSG0000(	3307.499	1003.503	1.7127	7.99E-13	4.57E-12	PPP1R18	chr6	-	30644166	30655672	4599
ENSG0000(	2363.643	62.9161	5.2266	3.41E-227	9.93E-225	DAAM2	chr6	+	39760142	39872648	6221
ENSG0000(	215.2505	313.1903	-0.53993	0.000539	0.001393	PRIM2	chr6	+	57179603	57513375	2290
ENSG0000(	19.38073	0.297015	5.0663	9.32E-06	3.00E-05	MLIP	chr6	+	53794780	54131078	5743
ENSG0000(	7.241225	0.654722	3.0407	0.007191	0.015527	HMGCLL1	chr6	-	55299167	55444012	2532
ENSG0000(	0	4.351561	-3.61	0.013975	0.028493	LGSN	chr6	-	63985856	64029882	5213
ENSG0000(	2.67693	2.918317	-0.12784	0.90483	0.93427	FGD2	chr6	+	36973422	36996846	5771
ENSG0000(	233.9395	138.5553	0.75321	1.68E-05	5.26E-05	SCUBE3	chr6	+	35182190	35220856	7356
ENSG0000(	15.45784	41.99993	-1.4204	0.000368	0.000973	ANO7	chr2	+	2.42E+08	2.42E+08	4128
ENSG0000(	0.975385	216.0471	-7.3728	7.62E-23	7.30E-22	CRIP3	chr6	-	43267448	43276535	962
ENSG0000(	0.290301	12.2859	-4.454	0.000176	0.000486	TTBK1	chr6	+	43211418	43255997	6932
ENSG0000(	1.608228	7.622753	-2.0268	0.045097	0.081244	TCTE1	chr6	-	44246480	44265458	3067
ENSG0000(	2455.591	2495.123	-0.02285	0.88608	0.92043	RPL7L1	chr6	+	42847356	42857663	4476
ENSG0000(	221.6194	210.0463	0.075268	0.76626	0.83091	NFKBIE	chr6	-	44225903	44233500	2556
ENSG0000(	28.11193	21.10557	0.41708	0.31475	0.41731	CYP39A1	chr6	-	46517541	46620523	2176
ENSG0000(	5879.562	771.3581	2.9225	2.88E-60	8.41E-59	TPBG	chr6	+	83072923	83080545	6484
ENSG0000(	39.31549	62.37806	-0.65701	0.041054	0.075035	IRAK1BP1	chr6	+	79577189	79608320	1157
ENSG0000(	906.3577	843.723	0.1035	0.69435	0.77197	PHIP	chr6	-	79650263	79787953	5781
ENSG0000(	338.7018	78.38336	2.1085	3.99E-24	4.02E-23	PRSS35	chr6	+	84222194	84235423	2604
ENSG0000(	395.3768	450.0488	-0.18566	0.36407	0.46841	MMS22L	chr6	-	97590037	97731093	8643
ENSG0000(	92.62518	186.2292	-1.0028	3.32E-07	1.24E-06	FAXC	chr6	-	99728536	99797938	2017
ENSG0000(	71.43182	6.330295	3.447	9.71E-14	5.85E-13	GABRR1	chr6	-	89887220	89940997	3110
ENSG0000(	490.8588	343.2596	0.51281	0.048931	0.087346	PNRC1	chr6	+	89790470	89794879	2065
ENSG0000(	116.5343	120.6965	-0.04646	0.82629	0.87768	PM20D2	chr6	+	89855769	89875284	4708
ENSG0000(	733.1642	548.4287	0.4187	0.000657	0.001676	RARS2	chr6	-	88224096	88299721	1818
ENSG0000(	31.95088	0	6.6058	5.08E-09	2.21E-08	SCML4	chr6	-	1.08E+08	1.08E+08	4297
ENSG0000(	114.7196	54.09408	1.0764	0.000362	0.000958	C6orf170	chr6	-	1.21E+08	1.22E+08	5323
ENSG0000(	1.628766	7.6106	-2.0487	0.028169	0.053692	CLVS2	chr6	+	1.23E+08	1.23E+08	3025
ENSG0000(	0	2.713549	-2.8246	0.079182	0.13236	GPR6	chr6	+	1.1E+08	1.1E+08	1711

ENSG0000(	631.435	113.9423	2.4594	1.07E-29	1.35E-28	RNF217	chr6	+	1.25E+08	1.25E+08	11325
ENSG0000(	69.51177	1.029414	5.7836	2.05E-13	1.22E-12	RSPO3	chr6	+	1.27E+08	1.28E+08	2697
ENSG0000(	699.9697	79.9549	3.1176	2.11E-37	3.46E-36	ARHGAP18	chr6	-	1.3E+08	1.3E+08	4462
ENSG0000(	379.8435	1034.567	-1.4431	4.03E-26	4.40E-25	ABRACL	chr6	+	1.39E+08	1.39E+08	845
ENSG0000(	1.016461	0	1.3167	0.46021	NA	TAAR1	chr6	-	1.33E+08	1.33E+08	1020
ENSG0000(	189.296	486.0704	-1.3543	4.72E-15	3.09E-14	SLC18B1	chr6	-	1.33E+08	1.33E+08	2368
ENSG0000(	61.89035	125.8986	-1.0161	1.61E-05	5.06E-05	MTFR2	chr6	-	1.37E+08	1.37E+08	1793
ENSG0000(	45.33194	92.79139	-1.0269	0.002423	0.005659	SLC2A12	chr6	-	1.34E+08	1.34E+08	4468
ENSG0000(	290.9796	423.7699	-0.53981	0.000179	0.000493	SHPRH	chr6	-	1.46E+08	1.46E+08	11660
ENSG0000(	297.2125	248.4499	0.25906	0.11482	0.18189	AIG1	chr6	+	1.43E+08	1.44E+08	3393
ENSG0000(	999.2567	556.4004	0.84353	5.12E-14	3.15E-13	DYNLT1	chr6	-	1.59E+08	1.59E+08	2891
ENSG0000(	556.1503	209.7949	1.4066	2.91E-24	2.96E-23	TIAM2	chr6	+	1.55E+08	1.56E+08	6981
ENSG0000(	1266.817	709.9187	0.83424	1.53E-12	8.58E-12	TMEM181	chr6	+	1.59E+08	1.59E+08	5390
ENSG0000(	0.342542	2.742687	-2.2654	0.12841	0.19963	PNLDC1	chr6	+	1.6E+08	1.6E+08	1921
ENSG0000(	826.039	1027.052	-0.31309	0.099489	0.16079	WTAP	chr6	+	1.6E+08	1.6E+08	3656
ENSG0000(	1301.9	1286.717	0.017612	0.88625	0.9205	ZMYM4	chr1	+	35734568	35887659	6994
ENSG0000(	0.290301	0	0.4146	0.81455	NA	VIP	chr6	+	1.53E+08	1.53E+08	1584
ENSG0000(	424.9017	1078.984	-1.3408	3.36E-13	1.97E-12	C6orf211	chr6	+	1.52E+08	1.52E+08	2576
ENSG0000(	6.193875	143.0886	-4.4409	4.43E-15	2.91E-14	SLC22A3	chr6	+	1.61E+08	1.61E+08	5627
ENSG0000(	9.636413	454.6116	-5.4811	2.35E-55	6.11E-54	VWDE	chr7	-	12370511	12443567	5936
ENSG0000(	2837.77	2958.326	-0.06023	0.55768	0.65661	GNA12	chr7	-	2767746	2883958	4378
ENSG0000(	1940.341	1227.408	0.66021	7.48E-09	3.21E-08	C7orf50	chr7	-	1036622	1177896	2621
ENSG0000(	47.45142	427.9604	-3.1654	4.58E-35	6.96E-34	SDK1	chr7	+	3341080	4308632	10397
ENSG0000(	143.235	131.9215	0.11553	0.56458	0.66256	WASH2P	chr2	+	1.14E+08	1.14E+08	2800
ENSG0000(	247.7086	228.4724	0.11924	0.53732	0.63818	CCZ1B	chr7	-	6836440	6866401	2885
ENSG0000(	767.7758	560.7257	0.45153	0.000539	0.001393	C7orf26	chr7	+	6629648	6648357	2182
ENSG0000(	366.1025	376.7958	-0.04084	0.81032	0.86634	RBAK	chr7	+	5023349	5112854	6551
ENSG0000(	278.3766	32.82651	3.0644	4.07E-21	3.61E-20	CREB5	chr7	+	28338940	28865511	8532
ENSG0000(	4266.289	195.3906	4.4363	3.04E-155	3.75E-153	EGFR	chr7	+	55086714	55324313	9821
ENSG0000(	955.0905	2260.018	-1.2401	2.21E-19	1.81E-18	CDCA5	chr11	-	64833772	64851636	2587
ENSG0000(	6005.526	107.6641	5.7589	1.02E-75	4.04E-74	IGFBP3	chr7	-	45951949	45961473	2262
ENSG0000(	1521.759	1400.145	0.11944	0.3713	0.47568	PURB	chr7	-	44915896	44924960	9065
ENSG0000(	8.76551	10.92791	-0.30025	0.63873	0.72643	AC004453.	chr7	+	44507441	44507939	499
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	IGFBP1	chr7	+	45927956	45933267	1653
ENSG0000(	47.41744	382.5226	-2.9847	5.63E-25	5.87E-24	SRCRB4D	chr7	-	76018651	76039012	2801
ENSG0000(	3511.516	5389.941	-0.61753	3.85E-09	1.69E-08	MDH2	chr7	+	75677369	75696826	2209
ENSG0000(	314.2327	222.2142	0.50037	0.00908	0.019227	POMZP3	chr7	-	76239303	76256578	1587
ENSG0000(	5.467715	0.951736	2.1748	0.059788	0.10417	AC006014.	chr7	-	75021229	75024708	980
ENSG0000(	751.2338	656.6106	0.19399	0.11941	0.18806	GBAS	chr7	+	56019486	56067874	4255
ENSG0000(	4409.263	7100.362	-0.68596	8.85E-06	2.86E-05	CCT6A	chr7	+	56119323	56131682	2719
ENSG0000(	382.5081	715.4255	-0.90225	1.79E-08	7.42E-08	PSPH	chr7	-	56078744	56119297	2178
ENSG0000(	0	2.200487	-2.3588	0.16874	0.25044	TRIM50	chr7	-	72726535	72742085	2047
ENSG0000(	133.6073	331.7025	-1.3032	3.92E-08	1.58E-07	ZNF92	chr7	+	64838712	64866038	3210
ENSG0000(	133.4999	979.6621	-2.8683	3.63E-55	9.39E-54	ATXN7L1	chr7	-	1.05E+08	1.06E+08	5417
ENSG0000(	436.2608	220.1896	0.985	6.87E-12	3.68E-11	TMEM168	chr7	-	1.12E+08	1.12E+08	4189
ENSG0000(	179.0865	275.8844	-0.62356	0.000767	0.001937	C7orf43	chr7	-	99752043	99756338	2520
ENSG0000(	714.7777	881.0082	-0.30108	0.033	0.061759	SLC12A9	chr7	+	1E+08	1E+08	4462
ENSG0000(	957.0744	2992.857	-1.6423	1.27E-35	1.98E-34	GIGYF1	chr7	-	1E+08	1E+08	6530
ENSG0000(	167.4211	181.8461	-0.11934	0.55306	0.65243	TRIM4	chr7	-	99474581	99517223	3383
ENSG0000(	968.1326	1902.425	-0.97118	1.51E-06	5.30E-06	MEPCE	chr7	+	1E+08	1E+08	3022
ENSG0000(	0.290301	5.505649	-3.2823	0.015409	0.03115	ZAN	chr7	+	1E+08	1E+08	8834
ENSG0000(	234.2983	272.0927	-0.21523	0.26039	0.35837	TMEM209	chr7	-	1.3E+08	1.3E+08	3545
ENSG0000(	20.31324	30.11383	-0.56642	0.16184	0.24209	AGBL3	chr7	+	1.35E+08	1.35E+08	3767
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	STRA8	chr7	+	1.35E+08	1.35E+08	993
ENSG0000(	247.0157	69.56785	1.8186	3.40E-16	2.38E-15	ZC3HAV1L	chr7	-	1.39E+08	1.39E+08	1753
ENSG0000(	118.7694	129.0372	-0.11946	0.57541	0.67227	TMEM140	chr7	+	1.35E+08	1.35E+08	1680
ENSG0000(	769.903	798.7176	-0.05269	0.63518	0.72362	TLK2	chr17	+	60536019	60692842	3608
ENSG0000(	26.51487	5058.096	-7.5443	1.15E-287	4.93E-285	EPHA1	chr7	-	1.43E+08	1.43E+08	3363
ENSG0000(	649.3762	1033.544	-0.66911	9.08E-06	2.93E-05	NOM1	chr7	+	1.57E+08	1.57E+08	6077
ENSG0000(	0	8.681304	-4.7033	0.000296	0.000793	CNPY1	chr7	-	1.55E+08	1.55E+08	2378
ENSG0000(	1060.559	1369.159	-0.36786	0.000291	0.000781	NCAPG2	chr7	-	1.58E+08	1.58E+08	5253
ENSG0000(	52.03641	1385.487	-4.7236	7.76E-160	1.02E-157	NLGN4X	chrX	-	5758678	6146904	5870
ENSG0000(	1021.134	781.1183	0.38647	0.009205	0.019474	SHROOM2	chrX	+	9754496	9917483	7447
ENSG0000(	0	43.72132	-7.0414	2.52E-10	1.21E-09	RAB19	chr7	+	1.4E+08	1.4E+08	1093
ENSG0000(	519.1311	504.6489	0.039584	0.78719	0.84778	C7orf55-LU	chr7	+	1.39E+08	1.39E+08	2837

ENSG0000(	1193.475	485.0445	1.2959	1.11E-22	1.05E-21	DENND2A	chr7	-	1.4E+08	1.4E+08	3735
ENSG0000(	3.455331	22.5648	-2.6256	0.000285	0.000766	TMEM27	chrX	-	15645441	15683154	1578
ENSG0000(	1339.779	508.9924	1.3931	1.11E-18	8.75E-18	SH3KBP1	chrX	-	19552093	19905719	4731
ENSG0000(	371.3395	396.0572	-0.09038	0.53052	0.63191	TMEM47	chrX	-	34645181	34675405	4054
ENSG0000(	14.41904	12.62662	0.19114	0.72718	0.79827	LANCL3	chrX	+	37430822	37543716	10298
ENSG0000(	323.1089	7.033556	5.4765	1.20E-50	2.78E-49	SYTL5	chrX	+	37865835	37988072	4828
ENSG0000(	579.6851	895.1602	-0.62663	1.23E-05	3.90E-05	CASK	chrX	-	41374187	41782716	8298
ENSG0000(	338.6989	944.54	-1.4754	1.06E-15	7.26E-15	KDM6A	chrX	+	44732757	44971847	5438
ENSG0000(	17.40681	30.81467	-0.81108	0.048433	0.08656	SPIN2A	chrX	-	57160963	57164058	2468
ENSG0000(	17536.69	3917.118	2.1606	1.19E-88	5.81E-87	MSN	chrX	+	64887537	64961791	3942
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AKAP4	chrX	-	49955406	49965664	2886
ENSG0000(	0.705622	2.232041	-1.39	0.32012	0.42293	CCNB3	chrX	+	49967364	50094909	4693
ENSG0000(	378.6686	172.3869	1.1352	7.11E-14	4.33E-13	HDAC8	chrX	-	71549366	71792953	2338
ENSG0000(	1198.151	1306.653	-0.12511	0.26654	0.36524	SLC16A2	chrX	+	73641085	73753752	4363
ENSG0000(	1.919068	20.70341	-3.2397	2.33E-05	7.17E-05	ZNF157	chrX	+	47229982	47273704	2318
ENSG0000(	59.59606	84.26948	-0.49634	0.10543	0.16882	ZNF182	chrX	-	47834250	47863377	3586
ENSG0000(	168.5606	446.4654	-1.4032	5.84E-17	4.26E-16	CHST7	chrX	+	46433219	46457843	2289
ENSG0000(	138.3565	100.3216	0.46359	0.064921	0.11173	KRBOX4	chrX	+	46306292	46356857	2774
ENSG0000(	1362.803	1395.015	-0.03318	0.74316	0.81125	NDUFB11	chrX	-	47001615	47004903	1388
ENSG0000(	147.187	79.05111	0.89354	5.86E-05	0.000172	ZNF41	chrX	-	47305278	47342345	4531
ENSG0000(	7.125578	3.694423	0.90436	0.28602	0.3875	RAB41	chrX	+	69501943	69504852	1074
ENSG0000(	1641.959	2025.98	-0.30275	0.014571	0.029583	ZMYM3	chrX	-	70459474	70474996	6067
ENSG0000(	832.9606	718.8792	0.21178	0.071249	0.12093	TAF1	chrX	+	70586114	70752224	7708
ENSG0000(	6550.002	8319.265	-0.34452	0.002306	0.005401	NONO	chrX	+	70503042	70521018	3215
ENSG0000(	236.0092	392.7554	-0.73409	1.24E-07	4.79E-07	CCDC120	chrX	+	48911101	48927509	3973
ENSG0000(	4.627701	58.74575	-3.5731	1.73E-10	8.43E-10	LPAR4	chrX	+	78003206	78012591	2611
ENSG0000(	1216.441	1304.639	-0.10006	0.48119	0.58549	EBP	chrX	+	48379546	48387104	1775
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	AWAT2	chrX	-	69260392	69269788	2124
ENSG0000(	2653.605	1627.923	0.70397	7.77E-11	3.88E-10	OGT	chrX	+	70752933	70795747	7243
ENSG0000(	1079.629	1440.655	-0.41591	3.58E-05	0.000108	SNX12	chrX	-	70279094	70288273	2376
ENSG0000(	14.97055	33.50553	-1.145	0.01127	0.023425	ITGB1BP2	chrX	+	70521584	70525221	1439
ENSG0000(	0.36308	4.095838	-2.7686	0.055344	0.097163	IL2RG	chrX	-	70327254	70331958	2035
ENSG0000(	18.65196	19.82694	-0.09154	0.84184	0.88903	ACRC	chrX	+	70798261	70833433	3213
ENSG0000(	334.6598	314.9399	0.090291	0.58332	0.6794	ZNF711	chrX	+	84498997	84528368	4844
ENSG0000(	203.6944	579.0046	-1.5034	2.92E-22	2.72E-21	DIAPH2	chrX	+	95939662	96859996	9333
ENSG0000(	0.705622	0.343138	0.57395	0.74355	NA	RIPPLY1	chrX	-	1.06E+08	1.06E+08	1172
ENSG0000(	721.7632	2009.486	-1.4755	7.46E-46	1.52E-44	PRPS1	chrX	+	1.07E+08	1.07E+08	2073
ENSG0000(	19.29336	91.38937	-2.2019	1.87E-08	7.73E-08	CXorf57	chrX	+	1.06E+08	1.06E+08	3861
ENSG0000(	15.95531	150.6849	-3.225	4.67E-27	5.30E-26	FRMPD3	chrX	+	1.07E+08	1.07E+08	7155
ENSG0000(	0	43.84196	-7.0387	3.06E-10	1.46E-09	HTR2C	chrX	+	1.14E+08	1.14E+08	4751
ENSG0000(	1145.852	284.4598	2.0066	5.05E-39	8.67E-38	DOCK11	chrX	+	1.18E+08	1.18E+08	6664
ENSG0000(	130.7725	273.0454	-1.0592	7.01E-10	3.28E-09	IGSF1	chrX	-	1.3E+08	1.31E+08	5180
ENSG0000(	0	3.619162	-3.3807	0.022552	0.04399	ARHGAP36	chrX	+	1.3E+08	1.3E+08	3083
ENSG0000(	41.21484	575.1817	-3.7857	8.79E-82	3.79E-80	GPC3	chrX	-	1.33E+08	1.33E+08	2568
ENSG0000(	3585.63	6118.731	-0.7701	4.33E-11	2.20E-10	RBMX	chrX	-	1.36E+08	1.36E+08	4887
ENSG0000(	227.5031	238.8073	-0.07033	0.6667	0.74943	MCPH1	chr8	+	6264113	6501144	3158
ENSG0000(	713.5846	1740	-1.2838	4.66E-21	4.13E-20	MFHAS1	chr8	-	8640864	8751155	6414
ENSG0000(	71.05985	182.4943	-1.3587	6.41E-11	3.22E-10	FBXO25	chr8	+	356428	421225	2360
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	FATE1	chrX	+	1.51E+08	1.51E+08	1072
ENSG0000(	0	14.93963	-5.419	2.02E-05	6.27E-05	MAGEA4	chrX	+	1.51E+08	1.51E+08	1773
ENSG0000(	348.6394	261.6272	0.41131	0.005746	0.012639	FAM58A	chrX	-	1.53E+08	1.53E+08	1303
ENSG0000(	948.6006	570.6246	0.73193	0.000132	0.00037	NSDHL	chrX	+	1.52E+08	1.52E+08	1929
ENSG0000(	3183.432	297.8987	3.3989	1.01E-39	1.76E-38	ZNF185	chrX	+	1.52E+08	1.52E+08	4421
ENSG0000(	728.1461	304.3249	1.2568	4.80E-10	2.26E-09	CETN2	chrX	-	1.52E+08	1.52E+08	1454
ENSG0000(	19.33786	401.5537	-4.3629	1.67E-59	4.79E-58	GABRQ	chrX	+	1.52E+08	1.52E+08	6174
ENSG0000(	17020.44	16958.72	0.005303	0.95872	0.97505	RPL10	chrX	+	1.54E+08	1.54E+08	2318
ENSG0000(	59.73306	8.576905	2.7562	5.50E-11	2.78E-10	CSGALNAC	chr8	-	19261672	19615540	4232
ENSG0000(	1247.484	1220.94	0.031083	0.81857	0.87259	ATP6V1B2	chr8	+	20054878	20084330	6907
ENSG0000(	726.5083	855.8039	-0.23611	0.027036	0.051773	CCDC25	chr8	-	27590835	27630170	3619
ENSG0000(	296.3699	190.5679	0.63475	0.004259	0.009577	HMBOX1	chr8	+	28747911	28922281	4082
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CHRNB3	chr8	+	42552519	42592550	2294
ENSG0000(	0.36308	0.700845	-0.575	0.7429	NA	CHRNA6	chr8	-	42607763	42651535	2400
ENSG0000(	13.16452	15.96172	-0.27721	0.61269	0.70493	GNRH1	chr8	-	25276776	25282170	1760
ENSG0000(	738.2505	193.9367	1.9271	1.71E-30	2.22E-29	BIN3	chr8	-	22477931	22526661	3589
ENSG0000(	3.144492	6.102094	-0.89545	0.38941	0.49368	DOK2	chr8	-	21766384	21771371	1936

ENSG0000(	820.4201	649.7169	0.33465	0.22625	0.31908	SLC25A37	chr8	+	23386318	23432976	4823
ENSG0000(	1022.636	710.8703	0.52333	0.000473	0.001232	CHMP7	chr8	+	23101150	23119512	3403
ENSG0000(	444.0996	407.06	0.12302	0.42829	0.53369	DOCK5	chr8	+	25042238	25275598	10075
ENSG0000(	4.326234	45.42244	-3.327	2.11E-10	1.02E-09	STAR	chr8	-	38001167	38008783	3448
ENSG0000(	584.4728	420.5142	0.47455	8.43E-05	0.000242	PROSC	chr8	+	37620111	37637283	2556
ENSG0000(	863.62	1025.143	-0.2473	0.055232	0.096979	ERLIN2	chr8	+	37594117	37616619	6073
ENSG0000(	2.645227	78.63271	-4.7672	6.39E-17	4.66E-16	SNTG1	chr8	+	50822349	51706678	3504
ENSG0000(	4.056471	2.606733	0.5562	0.61076	0.70321	PXDNL	chr8	-	52232138	52722005	4805
ENSG0000(	0.36308	0.951736	-0.91212	0.59701	NA	ST18	chr8	-	53023399	53373519	6187
ENSG0000(	56.7686	18.51991	1.5863	3.05E-05	9.23E-05	RGS20	chr8	+	54764368	54871863	2104
ENSG0000(	1394.619	269.0199	2.3703	1.68E-65	5.55E-64	TACC1	chr8	+	38585704	38710546	7838
ENSG0000(	868.5798	658.9417	0.39739	0.008255	0.017601	GOLGA7	chr8	+	41347915	41368499	2027
ENSG0000(	918.6058	667.0147	0.4599	0.003025	0.006969	PPAPDC1B	chr8	-	38120648	38126761	2185
ENSG0000(	223.8846	607.2477	-1.4337	9.35E-12	4.97E-11	GINS4	chr8	+	41386725	41402565	3873
ENSG0000(	1256.986	806.9936	0.63738	5.96E-05	0.000174	WHSC1L1	chr8	-	38132544	38239790	5431
ENSG0000(	0.290301	2.621302	-2.2519	0.13211	0.2045	CRH	chr8	-	67088620	67090960	1540
ENSG0000(	1.286224	4.196206	-1.5087	0.17672	0.26026	TRIM55	chr8	+	67039131	67087720	2912
ENSG0000(	15.03135	26.61531	-0.81349	0.075332	0.12693	ADHFE1	chr8	+	67342420	67383836	2229
ENSG0000(	32.92724	95.51138	-1.5224	7.59E-07	2.74E-06	MRPS28	chr8	-	80830952	80942524	850
ENSG0000(	30.41559	53.09541	-0.79074	0.023475	0.045622	LACTB2	chr8	-	71547553	71581409	1508
ENSG0000(	0	2532.156	-11.881	1.79E-23	1.77E-22	PRDM14	chr8	-	70963886	70983928	2344
ENSG0000(	434.1535	7414.722	-4.0852	1.08E-137	1.03E-135	TERF1	chr8	+	73921099	73960357	3598
ENSG0000(	11521.62	15450.25	-0.42256	0.003224	0.007398	RPL7	chr8	-	74202506	74208024	1526
ENSG0000(	5.467715	4.006007	0.40993	0.63826	0.72626	SLC26A7	chr8	+	92221722	92410378	5263
ENSG0000(	0	3.319731	-3.1951	0.03702	0.068503	PSKH2	chr8	-	87060602	87100850	1322
ENSG0000(	1.774324	0	2.0349	0.24308	NA	ATP6V0D2	chr8	+	86999552	87166457	2446
ENSG0000(	0	4.36613	-3.6495	0.011668	0.024168	SYBU	chr8	-	1.11E+08	1.11E+08	3435
ENSG0000(	0.870904	6.549631	-2.4577	0.035457	0.065929	DPYS	chr8	-	1.05E+08	1.05E+08	2127
ENSG0000(	2870.622	1300.414	1.1419	5.82E-33	8.30E-32	MTDH	chr8	+	98656407	98740998	6177
ENSG0000(	1066.517	194.3779	2.4536	7.31E-79	3.01E-77	LRP12	chr8	-	1.06E+08	1.06E+08	5008
ENSG0000(	129.102	190.0343	-0.55234	0.006337	0.013832	EBAG9	chr8	+	1.11E+08	1.11E+08	2379
ENSG0000(	17.17731	0.654722	4.2566	2.35E-05	7.20E-05	RSPO2	chr8	-	1.09E+08	1.09E+08	3111
ENSG0000(	485.8551	517.6471	-0.09066	0.5693	0.66654	POLR2K	chr8	+	1.01E+08	1.01E+08	1021
ENSG0000(	0.290301	946.1002	-10.35	1.68E-29	2.11E-28	MAL2	chr8	+	1.2E+08	1.2E+08	2819
ENSG0000(	2414.033	2819.839	-0.22358	0.059817	0.10421	EIF3H	chr8	-	1.18E+08	1.18E+08	3959
ENSG0000(	217.2282	149.8576	0.53529	0.020379	0.040119	UTP23	chr8	+	1.18E+08	1.18E+08	3693
ENSG0000(	501.7992	810.9248	-0.68989	3.89E-07	1.44E-06	NDUFB9	chr8	+	1.26E+08	1.26E+08	1319
ENSG0000(	151.264	219.4513	-0.53439	0.00387	0.008761	TATDN1	chr8	-	1.26E+08	1.26E+08	2016
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	FAM83A	chr8	+	1.24E+08	1.24E+08	5393
ENSG0000(	1.95077	0.343138	1.7118	0.29586	0.39793	GSDMC	chr8	-	1.31E+08	1.31E+08	2714
ENSG0000(	3.734467	2.263595	0.61879	0.58878	0.68423	FAM135B	chr8	-	1.39E+08	1.4E+08	6962
ENSG0000(	232.7521	272.0521	-0.22417	0.30282	0.40409	ZNF7	chr8	+	1.46E+08	1.46E+08	5641
ENSG0000(	450.2571	555.8116	-0.30356	0.025363	0.048892	ARHGAP39	chr8	-	1.46E+08	1.46E+08	4697
ENSG0000(	17.96948	73.27368	-2.0085	1.08E-06	3.85E-06	SLC39A4	chr8	-	1.46E+08	1.46E+08	2778
ENSG0000(	189.7391	264.6286	-0.47809	0.084756	0.1404	NAPRT1	chr8	-	1.45E+08	1.45E+08	1965
ENSG0000(	146.8522	388.9717	-1.3924	2.91E-05	8.83E-05	VLDLR	chr9	+	2621834	2654480	3590
ENSG0000(	232.6764	350.7937	-0.59144	7.89E-05	0.000228	AK3	chr9	-	4711155	4742043	2736
ENSG0000(	1860.369	597.3605	1.6367	2.41E-29	3.01E-28	UHRF2	chr9	+	6413151	6507054	3723
ENSG0000(	217.4513	207.658	0.06507	0.80185	0.85978	NFIB	chr9	-	14081842	14398982	8198
ENSG0000(	0	22.36553	-5.843	7.84E-06	2.55E-05	CER1	chr9	-	14719722	14722715	1215
ENSG0000(	459.6078	764.9603	-0.73304	0.000108	0.000308	PLIN2	chr9	-	19108373	19149288	1972
ENSG0000(	621.0097	904.5036	-0.54073	0.002096	0.004945	HAUS6	chr9	-	19053141	19103117	6536
ENSG0000(	386.3032	5.816359	5.6607	1.20E-10	5.92E-10	CDKN2B	chr9	-	22002902	22009362	3911
ENSG0000(	328.3528	4.943174	5.972	1.40E-50	3.25E-49	CDKN2A	chr9	-	21967751	21995300	1283
ENSG0000(	107.2642	237.6599	-1.1452	2.07E-08	8.54E-08	C9orf72	chr9	-	27546544	27573864	4808
ENSG0000(	0.580602	1.935026	-1.2792	0.39216	0.4965	IFNK	chr9	+	27524312	27526496	1140
ENSG0000(	352.203	410.6923	-0.22131	0.34297	0.44694	ZCCHC7	chr9	+	37120536	37358146	2793
ENSG0000(	150.9179	121.8894	0.30961	0.11981	0.18858	FBXO10	chr9	-	37510889	37588871	4575
ENSG0000(	0	1.029414	-1.1526	0.51496	NA	SPATA31A3	chr9	+	40700291	40706537	4223
ENSG0000(	1797.788	1612.515	0.15704	0.14917	0.22594	SIGMAR1	chr9	-	34634719	34637806	1743
ENSG0000(	76.39317	53.69334	0.50867	0.099751	0.16111	CBWD5	chr9	-	70432004	70497240	3326
ENSG0000(	1482.145	846.2964	0.80774	5.69E-09	2.46E-08	CEP78	chr9	+	80850978	80894606	11198
ENSG0000(	110.9595	0.343138	7.4627	6.71E-14	4.09E-13	NTRK2	chr9	+	87283466	87638505	8226
ENSG0000(	21.88798	17.5949	0.29963	0.52527	0.62722	IDNK	chr9	+	86237964	86259045	1623
ENSG0000(	391.1351	211.3855	0.88281	7.59E-08	2.99E-07	SHC3	chr9	-	91628060	91793682	2394

ENSG0000(	164.4977	394.585	-1.2593	8.62E-13	4.92E-12	AUH	chr9	-	93976097	94124195	1577
ENSG0000(	1268.732	807.7744	0.65005	9.63E-07	3.45E-06	HIATL1	chr9	+	97136833	97223324	3420
ENSG0000(	565.9334	150.022	1.9101	1.93E-23	1.90E-22	C9orf3	chr9	+	97488983	97849441	2941
ENSG0000(	0	21.68262	-6.0493	2.34E-07	8.83E-07	LPPR1	chr9	+	1.04E+08	1.04E+08	2495
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	OR13C4	chr9	-	1.07E+08	1.07E+08	957
ENSG0000(	1190.021	1458.525	-0.2927	0.031808	0.059777	ZNF462	chr9	+	1.1E+08	1.1E+08	10414
ENSG0000(	562.7244	250.2087	1.1676	3.54E-15	2.34E-14	INIP	chr9	-	1.15E+08	1.15E+08	4233
ENSG0000(	816.7545	614.6175	0.40829	0.002227	0.005227	UGCG	chr9	+	1.15E+08	1.15E+08	4007
ENSG0000(	664.917	512.3126	0.37402	0.12677	0.19758	SNX30	chr9	+	1.16E+08	1.16E+08	7622
ENSG0000(	190.7855	679.9788	-1.8315	4.99E-28	5.91E-27	STOM	chr9	-	1.24E+08	1.24E+08	3010
ENSG0000(	16436.24	1207.864	3.7536	2.46E-73	9.37E-72	GSN	chr9	+	1.24E+08	1.24E+08	6454
ENSG0000(	182.0657	332.134	-0.86425	2.34E-05	7.17E-05	MRRF	chr9	+	1.25E+08	1.25E+08	1947
ENSG0000(	10.75817	3743.811	-8.4134	2.30E-188	4.32E-186	NR6A1	chr9	-	1.27E+08	1.28E+08	7031
ENSG0000(	6.08858	84.13029	-3.7042	7.09E-17	5.15E-16	CRB2	chr9	+	1.26E+08	1.26E+08	5550
ENSG0000(	512.5514	269.636	0.92499	1.02E-07	3.97E-07	ALAD	chr9	-	1.16E+08	1.16E+08	3247
ENSG0000(	376.0118	360.9204	0.058791	0.71329	0.78728	ASTN2	chr9	-	1.19E+08	1.2E+08	4747
ENSG0000(	17.83069	19.60519	-0.13275	0.78377	0.84514	WDR31	chr9	-	1.16E+08	1.16E+08	4878
ENSG0000(	640.1898	733.8864	-0.19621	0.35196	0.45607	POLE3	chr9	-	1.16E+08	1.16E+08	2396
ENSG0000(	10241.18	4205.47	1.2833	3.49E-50	8.03E-49	SURF4	chr9	-	1.36E+08	1.36E+08	2984
ENSG0000(	195.6807	69.77261	1.4781	4.63E-10	2.19E-09	GBGT1	chr9	-	1.36E+08	1.36E+08	2948
ENSG0000(	360.194	483.2667	-0.42107	0.003249	0.007451	SURF1	chr9	-	1.36E+08	1.36E+08	1093
ENSG0000(	99.93739	254.9267	-1.3437	9.80E-09	4.16E-08	SURF2	chr9	+	1.36E+08	1.36E+08	842
ENSG0000(	913.157	2381.34	-1.3806	1.53E-23	1.51E-22	SURF6	chr9	-	1.36E+08	1.36E+08	2505
ENSG0000(	1024.579	1491.427	-0.53953	0.0097	0.020442	MED22	chr9	-	1.36E+08	1.36E+08	4380
ENSG0000(	587.772	948.6005	-0.68947	6.56E-07	2.38E-06	REXO4	chr9	-	1.36E+08	1.36E+08	2360
ENSG0000(	13750.97	21288.33	-0.62999	5.24E-10	2.47E-09	RPL7A	chr9	+	1.36E+08	1.36E+08	1164
ENSG0000(	1447.119	1979.728	-0.45155	1.84E-05	5.73E-05	GTF3C5	chr9	+	1.36E+08	1.36E+08	2404
ENSG0000(	432.3681	330.2172	0.38774	0.019185	0.038019	ASB6	chr9	-	1.32E+08	1.32E+08	2330
ENSG0000(	949.1119	1660.216	-0.80493	2.13E-10	1.03E-09	PTGES2	chr9	-	1.31E+08	1.31E+08	2331
ENSG0000(	1043.888	994.964	0.069239	0.5956	0.68992	NTMT1	chr9	+	1.32E+08	1.32E+08	1487
ENSG0000(	2915.266	1484.413	0.97287	1.15E-24	1.19E-23	CIZ1	chr9	-	1.31E+08	1.31E+08	3154
ENSG0000(	410.5793	314.3128	0.38501	0.010378	0.021744	SLC25A25	chr9	+	1.31E+08	1.31E+08	3714
ENSG0000(	1008.553	1044.356	-0.05011	0.67305	0.75516	SH3GLB2	chr9	-	1.32E+08	1.32E+08	4828
ENSG0000(	539.4473	622.5523	-0.20696	0.17339	0.25619	FAM73B	chr9	+	1.32E+08	1.32E+08	4345
ENSG0000(	4.854596	7.501368	-0.59314	0.44431	0.54992	PTGES	chr9	-	1.33E+08	1.33E+08	1868
ENSG0000(	0	4.074821	-3.5087	0.018597	0.036975	LCN2	chr9	+	1.31E+08	1.31E+08	1109
ENSG0000(	388.375	494.4012	-0.34822	0.005601	0.012344	LRSAM1	chr9	+	1.3E+08	1.3E+08	3376
ENSG0000(	3.516131	389.205	-6.6266	6.33E-43	1.20E-41	HMCN2	chr9	+	1.33E+08	1.33E+08	4802
ENSG0000(	3179.826	1519.461	1.0645	1.84E-21	1.66E-20	GPR107	chr9	+	1.33E+08	1.33E+08	7353
ENSG0000(	315.816	380.4381	-0.26712	0.076637	0.12881	C9orf142	chr9	+	1.4E+08	1.4E+08	958
ENSG0000(	680.6855	577.6658	0.23525	0.32932	0.43246	INPP5E	chr9	-	1.39E+08	1.39E+08	3394
ENSG0000(	4983.371	2149.6	1.2119	4.25E-31	5.67E-30	SEC16A	chr9	-	1.39E+08	1.39E+08	8806
ENSG0000(	392.9734	553.6193	-0.49292	0.01057	0.022105	WDR85	chr9	-	1.4E+08	1.4E+08	1847
ENSG0000(	3414.026	3890.99	-0.18806	0.37833	0.48251	NOTCH1	chr9	-	1.39E+08	1.39E+08	9371
ENSG0000(	3.516131	437.9726	-6.8053	1.02E-50	2.38E-49	CACNA1B	chr9	+	1.41E+08	1.41E+08	9796
ENSG0000(	1317.733	945.8182	0.47733	0.000116	0.000329	NACC2	chr9	-	1.39E+08	1.39E+08	6802
ENSG0000(	45.97791	206.6417	-2.1477	1.24E-10	6.08E-10	PROSER2	chr10	+	11865338	11914276	3333
ENSG0000(	459.6198	532.3247	-0.2113	0.094907	0.1546	USP6NL	chr10	-	11502509	11653753	4811
ENSG0000(	83.1102	3.870053	4.3023	7.05E-17	5.12E-16	COMMD3	chr10	+	22604903	22609235	2290
ENSG0000(	314.6904	226.9846	0.47027	0.007819	0.016745	MSRB2	chr10	+	23384435	23410942	1803
ENSG0000(	97.57488	133.696	-0.44939	0.1079	0.17217	PDSS1	chr10	+	26986588	27035727	1626
ENSG0000(	1863.505	1273.08	0.54911	8.71E-08	3.41E-07	FAM171A1	chr10	-	15253642	15413061	3952
ENSG0000(	262.8058	147.3692	0.83126	4.20E-05	0.000125	FAM188A	chr10	-	15820169	15902519	2452
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	SLC39A12	chr10	+	18240768	18332221	2808
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	TMEM236	chr10	+	17794251	17842867	5464
ENSG0000(	1884.899	721.619	1.3838	2.07E-26	2.29E-25	RSU1	chr10	-	16632610	16859527	3919
ENSG0000(	21.21422	61.71373	-1.5098	0.000852	0.002137	ST8SIA6	chr10	-	17360382	17496329	2276
ENSG0000(	1366.472	1328.973	0.040235	0.71524	0.78901	PARD3	chr10	-	34398488	35104253	6005
ENSG0000(	2068.629	5.424682	8.513	9.14E-118	6.85E-116	ZEB1	chr10	+	31607424	31818742	6267
ENSG0000(	10.78906	9.231626	0.22032	0.71247	0.78655	FAM13C	chr10	-	61005890	61122939	3456
ENSG0000(	472.1178	386.6451	0.28856	0.02978	0.056399	NRBF2	chr10	+	64893050	64914783	1850
ENSG0000(	0.342542	0.594029	-0.38792	0.8278	NA	A1CF	chr10	-	52566322	52645435	2230
ENSG0000(	48.91165	110.035	-1.16	3.16E-06	1.07E-05	CDHR1	chr10	+	85954410	85979377	5428
ENSG0000(	0	1.577319	-1.9089	0.27608	NA	LRIT1	chr10	-	85991349	86001217	2228
ENSG0000(	0	1.531196	-1.8455	0.29475	NA	RGR	chr10	+	86004809	86019716	2502

ENSG0000(	1054.254	1239.179	-0.23272	0.093294	0.15245	POLR3A	chr10	-	79734907	79789303	6640
ENSG0000(	949.2223	448.1553	1.079	9.67E-08	3.78E-07	HERC4	chr10	-	69681665	69835105	6391
ENSG0000(	1.048164	1.545765	-0.46155	0.76176	0.82702	C10orf11	chr10	+	77360998	78319925	3923
ENSG0000(	618.6192	712.7629	-0.20524	0.082999	0.13788	CAMK2G	chr10	-	75572259	75634343	3908
ENSG0000(	4.721017	2.855208	0.63013	0.55696	0.65599	ADIRF	chr10	+	88727949	88730672	917
ENSG0000(	1606.523	1663.387	-0.04987	0.62427	0.7145	GLUD1	chr10	-	88810243	88854623	3039
ENSG0000(	297.0434	10.99257	4.3257	2.29E-05	7.05E-05	ANKRD1	chr10	-	92671853	92681033	1979
ENSG0000(	74.4605	540.1121	-2.8476	1.58E-55	4.13E-54	HTR7	chr10	-	92500578	92617671	3344
ENSG0000(	352.5106	609.5919	-0.78679	0.000222	0.000603	RPP30	chr10	+	92631473	92668312	4272
ENSG0000(	432.8855	312.5661	0.46722	0.018204	0.036251	FRA10AC1	chr10	-	95427640	95462329	4780
ENSG0000(	2522.347	1426.11	0.82221	5.33E-13	3.08E-12	ADD3	chr10	+	1.12E+08	1.12E+08	4337
ENSG0000(	14.4721	0	5.4641	6.69E-06	2.19E-05	VAX1	chr10	-	1.19E+08	1.19E+08	4494
ENSG0000(	765.3691	547.9959	0.48071	0.027296	0.052233	DNAJB12	chr10	-	74092588	74114988	4360
ENSG0000(	4684.228	7740.516	-0.72423	5.37E-19	4.30E-18	EIF4EBP2	chr10	+	72164135	72188374	7257
ENSG0000(	0.342542	0	0.4146	0.81455	NA	PLEKHS1	chr10	+	1.16E+08	1.16E+08	3403
ENSG0000(	617.9542	667.5553	-0.11063	0.57418	0.6713	TCF7L2	chr10	+	1.15E+08	1.15E+08	4073
ENSG0000(	6393.635	4790.685	0.41598	0.002054	0.004852	MKI67	chr10	-	1.3E+08	1.3E+08	12678
ENSG0000(	2.665765	0.594029	1.6495	0.25167	0.34844	CYP17A1	chr10	-	1.05E+08	1.05E+08	2230
ENSG0000(	177.4849	1315.356	-2.8807	4.64E-70	1.67E-68	INA	chr10	+	1.05E+08	1.05E+08	3231
ENSG0000(	148.0982	161.9698	-0.13017	0.48405	0.58818	FUOM	chr10	-	1.35E+08	1.35E+08	867
ENSG0000(	178.5598	47.65214	1.8858	4.30E-07	1.59E-06	LRRC27	chr10	+	1.34E+08	1.34E+08	8147
ENSG0000(	41.36121	43.05766	-0.06052	0.8804	0.91661	MTG1	chr10	+	1.35E+08	1.35E+08	2730
ENSG0000(	1.660469	21.85341	-3.4579	0.000132	0.000372	NKX6-2	chr10	-	1.35E+08	1.35E+08	1061
ENSG0000(	87.14971	55.81386	0.63646	0.015995	0.032208	PAOX	chr10	+	1.35E+08	1.35E+08	1858
ENSG0000(	1661.844	970.8653	0.77488	5.67E-12	3.05E-11	GSTO1	chr10	+	1.06E+08	1.06E+08	1052
ENSG0000(	145.0933	300.9089	-1.0519	6.77E-09	2.91E-08	TAF5	chr10	+	1.05E+08	1.05E+08	3268
ENSG0000(	1656.734	2351.022	-0.50348	0.008482	0.018059	PPRC1	chr10	+	1.04E+08	1.04E+08	5330
ENSG0000(	1742.826	402.8436	2.1088	4.42E-33	6.33E-32	ITPRIP	chr10	-	1.06E+08	1.06E+08	4362
ENSG0000(	127.2863	592.723	-2.2109	5.14E-22	4.73E-21	CNNM2	chr10	+	1.05E+08	1.05E+08	4053
ENSG0000(	1853.774	3047.544	-0.71603	3.10E-07	1.16E-06	PDCD11	chr10	+	1.05E+08	1.05E+08	6453
ENSG0000(	7111.116	5.378559	10.281	9.32E-179	1.58E-176	ADAM12	chr10	-	1.28E+08	1.28E+08	7938
ENSG0000(	359.7428	234.5005	0.61487	0.000304	0.000814	RGS10	chr10	-	1.21E+08	1.21E+08	852
ENSG0000(	521.7233	249.7433	1.0615	1.38E-13	8.28E-13	BTBD10	chr11	-	13409548	13484844	2504
ENSG0000(	1042.786	644.5081	0.69171	0.002272	0.005328	ADM	chr11	+	10326227	10328944	1889
ENSG0000(	290.2581	13.01588	4.4593	9.59E-53	2.35E-51	GAS2	chr11	+	22647188	22834601	2286
ENSG0000(	3.40309	51.21866	-3.8481	6.59E-12	3.53E-11	SLC5A12	chr11	-	26688566	26744974	6250
ENSG0000(	398.5913	556.6778	-0.48064	0.002061	0.004867	LIN7C	chr11	-	27516123	27528320	4688
ENSG0000(	415.7858	1.591889	7.7263	6.69E-38	1.11E-36	LRRC4C	chr11	-	40135753	41481323	4054
ENSG0000(	130.0114	142.4892	-0.12838	0.52916	0.63066	IMMP1L	chr11	-	31453948	31531192	1067
ENSG0000(	228.5685	461.2571	-1.0097	7.20E-12	3.85E-11	PGAP2	chr11	+	3818954	3847601	2062
ENSG0000(	186.5262	285.7684	-0.61241	0.000773	0.001951	TUT1	chr11	-	62342517	62359649	3363
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	SCGB1A1	chr11	+	62172575	62190667	466
ENSG0000(	0.975385	0.357707	0.92752	0.59066	NA	SYT8	chr11	+	1848709	1858751	3534
ENSG0000(	31.71021	26.49708	0.25843	0.52757	0.62926	ZNF214	chr11	-	7020549	7041599	2681
ENSG0000(	61.73363	170.0222	-1.4521	2.17E-09	9.70E-09	ZNF215	chr11	+	6947635	7005863	3448
ENSG0000(	1447.144	1305.002	0.14952	0.14539	0.22097	HSD17B12	chr11	+	43577986	43878167	4292
ENSG0000(	176.4619	253.4823	-0.51975	0.001576	0.003789	APIP	chr11	-	34874641	34938046	4583
ENSG0000(	174.898	51.13366	1.7615	1.34E-12	7.54E-12	PAMR1	chr11	-	35453370	35551848	3143
ENSG0000(	2070.204	3607.95	-0.79996	3.31E-08	1.34E-07	DGKZ	chr11	+	46354455	46402104	5737
ENSG0000(	1181.854	2153.591	-0.864	3.87E-11	1.97E-10	EIF3M	chr11	+	32605344	32627808	5051
ENSG0000(	4943.073	5094.514	-0.04364	0.70655	0.7819	TNKS1BP1	chr11	-	57067112	57092426	5952
ENSG0000(	3.330311	722.8121	-7.6442	1.75E-63	5.51E-62	SERPING1	chr11	+	57364860	57382326	2231
ENSG0000(	2986.645	5286.037	-0.8227	3.70E-13	2.17E-12	SSRP1	chr11	-	57093459	57103351	6296
ENSG0000(	213.6561	447.9216	-1.0661	9.64E-11	4.77E-10	SLC43A1	chr11	-	57252007	57283259	2598
ENSG0000(	230.0346	476.4807	-1.0476	1.57E-07	6.02E-07	PTPRJ	chr11	+	48002113	48189670	5122
ENSG0000(	649.6185	385.6305	0.75152	7.65E-09	3.28E-08	C11orf49	chr11	+	46958240	47185936	2141
ENSG0000(	1197.537	1325.652	-0.1461	0.38566	0.48992	ARFGAP2	chr11	-	47185848	47198676	2976
ENSG0000(	2175.849	3830.47	-0.81542	1.09E-14	7.02E-14	CELF1	chr11	-	47487496	47587121	7666
ENSG0000(	404.7802	491.8794	-0.28062	0.027646	0.052816	C11orf73	chr11	+	86013253	86056969	1694
ENSG0000(	5.685237	4.259314	0.38036	0.65114	0.73678	CCDC81	chr11	+	86085778	86134151	2636
ENSG0000(	501.9041	493.5193	0.02476	0.89757	0.9289	SESN3	chr11	-	94898704	94965705	9531
ENSG0000(	1007.66	116.7271	3.0992	9.05E-49	2.00E-47	ENDOD1	chr11	+	94822974	94865809	4687
ENSG0000(	452.212	159.3264	1.5016	8.27E-13	4.72E-12	CCDC82	chr11	-	96085933	96123087	3745
ENSG0000(	35.62471	21.50054	0.72238	0.069747	0.1188	KLHL35	chr11	-	75133438	75141674	2497
ENSG0000(	2119.107	397.6904	2.412	4.05E-103	2.43E-101	TENM4	chr11	-	78363876	79151992	14000

ENSG0000(	36732.67	12492.65	1.5548	1.21E-60	3.55E-59	SERPINH1	chr11	+	75273101	75283828	3391
ENSG0000(	1033.072	876.0535	0.23683	0.055037	0.096679	CAPN5	chr11	+	76777979	76837201	4397
ENSG0000(	446.992	394.7867	0.17917	0.19585	0.28385	INTS4	chr11	-	77589766	77705724	3459
ENSG0000(	2096.399	3721.482	-0.82712	2.07E-12	1.15E-11	PAK1	chr11	-	77032752	77185680	3737
ENSG0000(	20521.08	34543.91	-0.75075	1.02E-14	6.56E-14	RPS3	chr11	+	75110530	75133324	2097
ENSG0000(	262.2997	74.00179	1.824	5.18E-18	3.98E-17	ZC3H12C	chr11	+	1.1E+08	1.1E+08	9542
ENSG0000(	75.32382	90.18372	-0.2549	0.28697	0.38857	TTC12	chr11	+	1.13E+08	1.13E+08	2985
ENSG0000(	3368.763	120.2262	4.8031	1.12E-185	2.02E-183	NCAM1	chr11	+	1.13E+08	1.13E+08	5837
ENSG0000(	9.979769	5.972588	0.7107	0.29035	0.39195	DRD2	chr11	-	1.13E+08	1.13E+08	2789
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	HTR3B	chr11	+	1.14E+08	1.14E+08	2011
ENSG0000(	301.5209	294.6511	0.034342	0.91064	0.93869	NPAT	chr11	-	1.08E+08	1.08E+08	6117
ENSG0000(	1564.971	645.5044	1.2767	8.81E-27	9.92E-26	ATM	chr11	+	1.08E+08	1.08E+08	13147
ENSG0000(	304.0196	345.2455	-0.18191	0.27064	0.36977	AASDHPPT	chr11	+	1.06E+08	1.06E+08	5145
ENSG0000(	1.359003	214.6702	-7.0615	1.60E-26	1.78E-25	GLB1L2	chr11	+	1.34E+08	1.34E+08	5621
ENSG0000(	33.09236	34.2194	-0.04808	0.8958	0.9277	SLX4IP	chr20	+	10415951	10617477	1407
ENSG0000(	1154.087	1064.861	0.11648	0.469	0.5737	LAMTOR1	chr11	-	71796941	71814433	1346
ENSG0000(	902.1993	2.367995	8.4069	7.45E-59	2.11E-57	P4HA3	chr11	-	73946846	74022702	2627
ENSG0000(	13.16534	46.38875	-1.809	1.22E-05	3.87E-05	GRIK4	chr11	+	1.2E+08	1.21E+08	5802
ENSG0000(	2.085163	1264.152	-9.079	4.85E-62	1.48E-60	ST14	chr11	+	1.3E+08	1.3E+08	3539
ENSG0000(	6384.868	4835.892	0.40065	8.28E-05	0.000238	HYOU1	chr11	-	1.19E+08	1.19E+08	4530
ENSG0000(	0.36308	0	0.4146	0.81455	NA	C20orf78	chr20	-	18790372	18810797	606
ENSG0000(	230.3497	98.89832	1.2123	3.10E-08	1.26E-07	ADAM33	chr20	-	3648612	3662893	3677
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	SLC22A8	chr11	-	62756626	62783311	7578
ENSG0000(	216.5017	344.5611	-0.67027	9.94E-05	0.000284	CSRP2BP	chr20	+	18118499	18169031	3927
ENSG0000(	367.4574	778.6689	-1.0825	2.44E-13	1.44E-12	DAK	chr11	+	61100682	61120767	4696
ENSG0000(	2821.2	2906.851	-0.04304	0.64427	0.73125	MTA2	chr11	-	62360686	62369312	3058
ENSG0000(	294.3096	250.1315	0.23582	0.21064	0.30086	TMEM138	chr11	+	61129473	61136981	2839
ENSG0000(	6628.244	2504.087	1.4013	1.34E-16	9.59E-16	FADS1	chr11	-	61567099	61596790	4523
ENSG0000(	1.213446	4.33216	-1.5357	0.21088	0.30111	TMC2	chr20	+	2517253	2622430	3169
ENSG0000(	32.45096	14.88377	1.0894	0.016491	0.033122	ROM1	chr11	+	62379194	62382592	1878
ENSG0000(	957.1279	638.318	0.58237	0.000223	0.000607	EML3	chr11	-	62369690	62380237	3665
ENSG0000(	1723.528	2825.02	-0.71233	7.32E-10	3.42E-09	INCENP	chr11	+	61891445	61920635	3964
ENSG0000(	1.45232	0.98329	0.37038	0.82168	0.8745	ZP1	chr11	+	60635035	60643166	1954
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	MS4A3	chr11	+	59824060	59838601	1613
ENSG0000(	436.6611	8.150384	5.7183	6.76E-61	2.00E-59	PLCH2	chr1	+	2357419	2436969	6986
ENSG0000(	184.8959	263.7727	-0.51265	0.003953	0.008934	FRG1B	chr20	+	29611857	29634010	1029
ENSG0000(	1287.977	1576.113	-0.29026	0.13606	0.20911	CPSF7	chr11	-	61170121	61197503	3687
ENSG0000(	842.5453	509.1066	0.72467	2.57E-05	7.86E-05	B3GAT3	chr11	-	62382768	62389647	2056
ENSG0000(	1514.279	1952.291	-0.36597	0.000127	0.000357	EI24	chr11	+	1.25E+08	1.25E+08	2447
ENSG0000(	68.63638	35.26177	0.94646	0.002969	0.006849	CCDC15	chr11	+	1.25E+08	1.25E+08	3924
ENSG0000(	699.1804	1158.595	-0.72655	5.59E-06	1.85E-05	CHEK1	chr11	+	1.25E+08	1.26E+08	3502
ENSG0000(	190.0937	577.1561	-1.601	2.50E-25	2.65E-24	FEZ1	chr11	-	1.25E+08	1.25E+08	1926
ENSG0000(	2.229907	0.686276	1.3489	0.35859	0.46287	ESAM	chr11	-	1.25E+08	1.25E+08	2336
ENSG0000(	124.5924	17.0721	2.8223	2.38E-17	1.77E-16	KIRREL3	chr11	-	1.26E+08	1.27E+08	3808
ENSG0000(	0.975385	9.920318	-3.0156	0.00336	0.007688	MPZL2	chr11	-	1.18E+08	1.18E+08	2620
ENSG0000(	0.580602	2.65044	-1.6799	0.23362	0.32727	SCN2B	chr11	-	1.18E+08	1.18E+08	5826
ENSG0000(	653.5974	413.2834	0.66014	7.38E-07	2.67E-06	SIDT2	chr11	+	1.17E+08	1.17E+08	4406
ENSG0000(	467.7192	197.0146	1.2468	5.16E-17	3.78E-16	TMEM25	chr11	+	1.18E+08	1.18E+08	3241
ENSG0000(	3105.719	256.8304	3.5686	1.34E-29	1.69E-28	TAGLN	chr11	+	1.17E+08	1.17E+08	3298
ENSG0000(	273.5323	14.75668	4.1779	6.31E-49	1.40E-47	JPH2	chr20	-	42740335	42816218	4787
ENSG0000(	128.4932	43.88493	1.5285	1.74E-06	6.08E-06	DUSP15	chr20	-	30435440	30458550	1732
ENSG0000(	595.8937	756.5727	-0.34337	0.006467	0.014093	COMMD7	chr20	-	31290493	31331814	1907
ENSG0000(	1.306762	0.297015	1.2542	0.45876	NA	C20orf144	chr20	+	32250090	32251720	571
ENSG0000(	40.45877	4.320007	3.1538	1.20E-08	5.05E-08	KIAA1755	chr20	-	36838890	36889174	6429
ENSG0000(	8.995011	27.3833	-1.5842	0.001225	0.002995	SPATA25	chr20	-	44515128	44516274	757
ENSG0000(	0	3.071256	-3.0413	0.052188	0.092339	OCSTAMP	chr20	-	45169585	45179213	2043
ENSG0000(	366.3482	361.5848	0.017961	0.89769	0.92894	DSN1	chr20	-	35380194	35402230	2447
ENSG0000(	3594.109	1550.282	1.2083	2.44E-08	1.00E-07	SOGA1	chr20	-	35405845	35492089	14371
ENSG0000(	1.939605	1.248751	0.50699	0.70611	0.78157	CNBD2	chr20	+	34556512	34618622	2531
ENSG0000(	0.580602	0	0.8036	0.6494	NA	SPINT4	chr20	+	44350990	44354469	512
ENSG0000(	0	3.276024	-3.2377	0.030989	0.058351	CDH22	chr20	-	44802372	44937137	3661
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	LINC00266	chr20	+	62921738	62944485	928
ENSG0000(	1102.005	1541.414	-0.48423	1.01E-06	3.59E-06	LSM14B	chr20	+	60697517	60710434	2594
ENSG0000(	1291.19	1569.798	-0.28089	0.096456	0.1567	YTHDF1	chr20	-	61826781	61847586	3301
ENSG0000(	455.442	229.7103	0.98265	8.99E-10	4.16E-09	CABLES2	chr20	-	60963688	60982341	3785

ENSG0000(	334.3849	313.1142	0.095291	0.59746	0.69176	ORAOV1	chr11	-	69467844	69490184	3776
ENSG0000(	0.342542	7.235907	-3.6813	0.003642	0.008285	GPHA2	chr11	-	64701943	64703360	747
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	SLC22A9	chr11	+	63137261	63177766	2343
ENSG0000(	316.0811	365.8037	-0.20903	0.33954	0.44339	TRPT1	chr11	-	63991271	63993726	1809
ENSG0000(	391.3377	348.638	0.16511	0.38292	0.48704	NUDT22	chr11	+	63993413	63998158	2055
ENSG0000(	45.04181	52.98859	-0.23332	0.44766	0.55306	FERMT3	chr11	+	63974150	63991354	2489
ENSG0000(	1729.243	2368.398	-0.45299	0.00059	0.001515	PLCB3	chr11	+	64018995	64036622	4469
ENSG0000(	894.7167	918.5811	-0.03724	0.84265	0.88966	MRPL49	chr11	+	64889655	64894843	2526
ENSG0000(	581.3225	208.545	1.4715	1.74E-11	9.07E-11	CDC42EP2	chr11	+	65082289	65089900	2128
ENSG0000(	1277.683	2173.362	-0.7655	7.18E-12	3.84E-11	FAU	chr11	-	64888100	64889945	1484
ENSG0000(	593.0858	849.3125	-0.5174	7.77E-06	2.53E-05	TM7SF2	chr11	+	64879317	64883856	2094
ENSG0000(	2060.592	2505.737	-0.28163	0.009346	0.019739	VPS51	chr11	+	64856796	64879332	2714
ENSG0000(	9.251817	66.52257	-2.7738	1.51E-06	5.31E-06	TBX6	chr16	-	30097114	30103208	2162
ENSG0000(	2234.563	2728.426	-0.28772	0.007793	0.016698	PPP4C	chr16	+	30087299	30096698	1490
ENSG0000(	15984.95	21903.97	-0.45368	0.001853	0.004406	ALDOA	chr16	+	30064411	30081778	2534
ENSG0000(	6.048317	335.929	-5.7189	2.19E-36	3.45E-35	FAM57B	chr16	-	30035748	30064299	2313
ENSG0000(	9.30585	89.3796	-3.2091	7.69E-11	3.84E-10	DOC2A	chr16	-	30016830	30034591	3749
ENSG0000(	252.0862	426.1544	-0.75584	7.70E-07	2.78E-06	HIRIP3	chr16	-	30003645	30007757	3385
ENSG0000(	1997.194	1228.78	0.69935	4.66E-08	1.87E-07	TAOK2	chr16	+	29984962	30003582	5169
ENSG0000(	885.1291	659.4916	0.4249	0.000356	0.000942	TMEM219	chr16	+	29952206	29984373	1292
ENSG0000(	9255.422	3433.812	1.4292	4.90E-51	1.15E-49	HMGA2	chr12	+	66217911	66360075	8094
ENSG0000(	0.632843	1.309443	-0.75604	0.63051	0.71982	MMP3	chr11	-	1.03E+08	1.03E+08	2016
ENSG0000(	65.72165	89.26998	-0.42978	0.15296	0.23083	CNKSR2	chrX	+	21392536	21672813	5668
ENSG0000(	0.342542	1.759397	-1.5695	0.34259	0.44649	CNTN5	chr11	+	98891683	1E+08	6258
ENSG0000(	1.286224	0.715414	0.65982	0.67411	0.75592	KLRF1	chr12	+	9980077	9997606	1244
ENSG0000(	6.327454	0.686276	2.7599	0.02502	0.048302	CLEC1A	chr12	-	10222153	10264226	2685
ENSG0000(	1961.749	34.94777	5.7927	4.24E-213	1.07E-210	MKX	chr10	-	27961803	28034989	3847
ENSG0000(	69.28569	169.1799	-1.2817	5.72E-09	2.47E-08	MPP7	chr10	-	28339922	28623415	5080
ENSG0000(	2.37465	0.997859	1.0365	0.46164	0.56683	C10orf68	chr10	+	32832297	33171802	2729
ENSG0000(	2.334388	3.930745	-0.69947	0.48106	0.58536	GRIN2B	chr12	-	13714144	14133053	6238
ENSG0000(	24670.22	6392.478	1.9465	2.61E-68	9.16E-67	ITGB1	chr10	-	33189247	33294720	3784
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	ANXA8L1	chr10	-	47011753	47174093	1954
ENSG0000(	4.326234	7.325738	-0.72228	0.36663	0.47127	PCDH15	chr10	-	55562531	57387702	9258
ENSG0000(	86.04947	24.31204	1.8082	7.42E-09	3.18E-08	CTF1	chr16	+	30907928	30914881	1664
ENSG0000(	615.5691	491.4038	0.32496	0.07943	0.13268	CWC15	chr11	-	94695787	94706776	1575
ENSG0000(	1.649304	2.200487	-0.36853	0.77622	0.83922	FCGR1A	chr1	+	1.5E+08	1.5E+08	2180
ENSG0000(	986.3929	43.18154	4.5002	3.95E-144	4.19E-142	ARID5B	chr10	+	63661059	63856703	7891
ENSG0000(	1.161205	0	1.2509	0.47995	NA	KLHL1	chr13	-	70274726	70682591	4115
ENSG0000(	0.943682	69.50957	-5.8019	1.54E-13	9.19E-13	CDH8	chr16	-	61681146	62070939	9721
ENSG0000(	282.866	481.4907	-0.76852	7.98E-08	3.14E-07	DCUN1D2	chr13	-	1.14E+08	1.14E+08	3164
ENSG0000(	1762.042	869.0952	1.018	9.87E-21	8.61E-20	TMCO3	chr13	+	1.14E+08	1.14E+08	3050
ENSG0000(	206.8928	166.7988	0.30837	0.071503	0.1213	TMEM218	chr11	-	1.25E+08	1.25E+08	4547
ENSG0000(	115.1343	62.01471	0.88001	0.001541	0.003714	TIRAP	chr11	+	1.26E+08	1.26E+08	2245
ENSG0000(	63.00869	28.04527	1.1575	0.000922	0.002301	N6AMT2	chr13	-	21302870	21348097	1042
ENSG0000(	1014.745	565.3558	0.8418	3.53E-06	1.19E-05	LATS2	chr13	-	21547171	21635686	5511
ENSG0000(	1587.542	2376.726	-0.58199	5.50E-10	2.59E-09	SAP18	chr13	+	21714653	21723221	2298
ENSG0000(	805.1743	352.349	1.1904	1.85E-10	9.01E-10	LPHN3	chr4	+	62066976	62938184	6767
ENSG0000(	105.5337	63.90677	0.71646	0.003691	0.008383	KIAA1328	chr18	+	34409069	34812135	5881
ENSG0000(	19.72246	1534.929	-6.2551	2.87E-167	4.00E-165	FAM124A	chr13	+	51796503	51858377	4761
ENSG0000(	19.83452	4.400973	2.0406	0.007264	0.015662	CTAGE5	chr14	+	39734488	39856156	3860
ENSG0000(	3.682226	26.94133	-2.763	8.64E-05	0.000248	HNMT	chr2	+	1.39E+08	1.39E+08	3291
ENSG0000(	270.0545	14.95903	4.1309	1.47E-46	3.05E-45	LYPD1	chr2	-	1.33E+08	1.33E+08	1891
ENSG0000(	9.471132	17.55764	-0.86514	0.10001	0.16148	LYPD6B	chr2	+	1.5E+08	1.5E+08	1719
ENSG0000(	1118.518	394.7492	1.496	1.95E-10	9.48E-10	PDCD4	chr10	+	1.13E+08	1.13E+08	3654
ENSG0000(	7.873255	53.25385	-2.6424	4.94E-05	0.000146	ADRA2A	chr10	+	1.13E+08	1.13E+08	3869
ENSG0000(	3.920287	61.80659	-3.8742	1.39E-12	7.80E-12	GPM6A	chr4	-	1.77E+08	1.77E+08	2854
ENSG0000(	13.47438	28.09388	-1.0383	0.080271	0.13394	WDR17	chr4	+	1.77E+08	1.77E+08	7397
ENSG0000(	2.104887	0.686276	1.1705	0.46792	0.57271	SPATA4	chr4	-	1.77E+08	1.77E+08	2115
ENSG0000(	335.3765	21.5378	3.9275	5.24E-50	1.20E-48	VEGFC	chr4	-	1.78E+08	1.78E+08	2067
ENSG0000(	53.71644	10.29018	2.3534	8.87E-09	3.78E-08	CCDC102B	chr18	+	66382446	66722426	2711
ENSG0000(	0.653381	0	0.82678	0.64037	NA	CD226	chr18	-	67498394	67629039	2638
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	CNDP1	chr18	+	72201675	72254448	4111
ENSG0000(	13.32043	5.874636	1.1426	0.14292	0.2177	FSIP1	chr15	-	39892232	40075031	2805
ENSG0000(	75.00956	84.20637	-0.16148	0.62395	0.71429	DLG2	chr11	-	83166055	85338966	7890
ENSG0000(	1.359003	0	1.8987	0.26617	NA	RGS18	chr1	+	1.92E+08	1.92E+08	2150

ENSG0000(	2930.981	146.8147	4.3063	7.37E-99	4.11E-97	PRSS23	chr11	+	86502101	86663952	5323
ENSG0000(	572.1008	895.7245	-0.64547	1.33E-08	5.58E-08	MTMR12	chr5	-	32227100	32313115	5187
ENSG0000(	5.257938	23.17897	-2.0224	0.002429	0.005672	PPP1R1C	chr2	+	1.83E+08	1.83E+08	3004
ENSG0000(	3954.776	7886.784	-0.99453	7.51E-15	4.89E-14	CCT5	chr5	+	10250033	10266524	3675
ENSG0000(	176.7726	79.89824	1.142	2.37E-05	7.27E-05	FAM173B	chr5	-	10226442	10250009	1928
ENSG0000(	2357.441	1110.555	1.0856	4.42E-29	5.44E-28	DOCK1	chr10	+	1.29E+08	1.29E+08	6797
ENSG0000(	647.1845	421.1644	0.61844	1.72E-05	5.37E-05	DIXDC1	chr11	+	1.12E+08	1.12E+08	5896
ENSG0000(	772.5343	1488.639	-0.94474	3.70E-12	2.02E-11	DLAT	chr11	+	1.12E+08	1.12E+08	4458
ENSG0000(	4.180677	1.995719	0.98276	0.33708	0.44088	PIH1D2	chr11	-	1.12E+08	1.12E+08	1838
ENSG0000(	556.0038	469.639	0.2428	0.1019	0.16396	C11orf57	chr11	+	1.12E+08	1.12E+08	3739
ENSG0000(	665.1662	910.4709	-0.45068	0.03356	0.062731	TIMM8B	chr11	-	1.12E+08	1.12E+08	1155
ENSG0000(	0.632843	3.054271	-1.8492	0.16239	0.24276	IL18	chr11	-	1.12E+08	1.12E+08	1697
ENSG0000(	348.2114	172.3423	1.0152	2.45E-09	1.09E-08	PTS	chr11	+	1.12E+08	1.12E+08	1069
ENSG0000(	938.4058	760.4734	0.30239	0.017881	0.035682	PIP4K2A	chr10	-	22823778	23003484	3802
ENSG0000(	0.290301	5.332435	-3.2712	0.013538	0.027694	C2orf50	chr2	+	11273179	11286916	2684
ENSG0000(	522.4481	1273.971	-1.2825	5.53E-12	2.98E-11	FREM2	chr13	+	39261266	39460074	14876
ENSG0000(	181.2017	1069.739	-2.5542	3.08E-42	5.75E-41	FOXO1	chr13	-	41129804	41240734	5735
ENSG0000(	1927.707	614.9593	1.6474	3.67E-47	7.74E-46	CRIM1	chr2	+	36583069	36778278	5912
ENSG0000(	4513.689	787.7903	2.5166	1.33E-116	9.66E-115	SEC24D	chr4	-	1.2E+08	1.2E+08	4065
ENSG0000(	344.2196	110.3449	1.6345	2.33E-21	2.09E-20	ABCB9	chr12	-	1.23E+08	1.23E+08	6051
ENSG0000(	180.5996	99.08281	0.86109	3.86E-05	0.000116	RILPL2	chr12	-	1.24E+08	1.24E+08	1435
ENSG0000(	966.259	1544.19	-0.67318	0.004291	0.009645	DHX37	chr12	-	1.25E+08	1.25E+08	4550
ENSG0000(	12678.62	8508.666	0.575	3.89E-08	1.57E-07	UBC	chr12	-	1.25E+08	1.25E+08	3745
ENSG0000(	398.5905	88.49965	2.1643	8.94E-27	1.01E-25	ITPR1	chr3	+	4535032	4889524	10197
ENSG0000(	28.0332	13.49665	1.0157	0.044926	0.080979	PRSS53	chr16	-	31094746	31100949	5489
ENSG0000(	315.9214	258.5358	0.28677	0.40584	0.51067	SLC7A11	chr4	-	1.39E+08	1.39E+08	9645
ENSG0000(	237.4177	421.0712	-0.82351	6.81E-08	2.69E-07	CCRN4L	chr4	+	1.4E+08	1.4E+08	1767
ENSG0000(	13.12345	2.855208	2.0482	0.013529	0.027681	ENKUR	chr10	-	25270908	25305089	3382
ENSG0000(	2.261609	7.279615	-1.5472	0.099115	0.16023	GPR158	chr10	+	25463991	25891155	6959
ENSG0000(	18.22629	2.278164	2.8437	0.000138	0.000388	CACNA2D4	chr12	-	1901123	2028002	5936
ENSG0000(	213.3512	307.0733	-0.52145	0.085862	0.14192	DCP1B	chr12	-	2055220	2113701	2086
ENSG0000(	305.8275	57.74889	2.3931	1.31E-30	1.71E-29	CACNA1C	chr12	+	2079952	2802108	8425
ENSG0000(	66.33802	95.63767	-0.52707	0.042975	0.078008	KCNA6	chr12	+	4918342	4960277	5977
ENSG0000(	25.26988	126.9809	-2.2899	3.04E-09	1.34E-08	THRB	chr3	-	24158651	24536773	7459
ENSG0000(	256.9447	288.9829	-0.17029	0.30065	0.40208	NGLY1	chr3	-	25760435	25831530	3196
ENSG0000(	69.59718	26.61122	1.3761	4.13E-05	0.000123	OXSM	chr3	+	25824408	25836025	1519
ENSG0000(	432.3366	105.4478	2.0338	4.57E-33	6.55E-32	UEVLD	chr11	-	18551156	18610294	4156
ENSG0000(	24.96744	38.29993	-0.60543	0.15657	0.23552	TMEM86A	chr11	+	18714669	18726332	3595
ENSG0000(	103.1265	279.8266	-1.4358	8.93E-17	6.45E-16	C12orf45	chr12	+	1.05E+08	1.05E+08	1131
ENSG0000(	2491.843	187.6448	3.7234	4.31E-188	8.01E-186	C12orf23	chr12	+	1.07E+08	1.07E+08	3362
ENSG0000(	1218.789	260.8209	2.2227	4.97E-66	1.66E-64	BTBD11	chr12	+	1.08E+08	1.08E+08	5767
ENSG0000(	816.047	473.1407	0.78604	2.99E-09	1.32E-08	UBE3B	chr12	+	1.1E+08	1.1E+08	5722
ENSG0000(	1060.077	997.8892	0.087785	0.50151	0.60506	ANK3	chr10	-	61788159	62493248	14771
ENSG0000(	118.2939	411.1224	-1.7962	3.78E-30	4.84E-29	IPMK	chr10	-	59951278	60027694	6133
ENSG0000(	11.31661	9.854793	0.20464	0.76718	0.83162	RAD9B	chr12	+	1.11E+08	1.11E+08	2843
ENSG0000(	1077.932	714.8653	0.59243	5.46E-07	2.00E-06	PLBD2	chr12	+	1.14E+08	1.14E+08	2573
ENSG0000(	3766.918	1627.54	1.2095	1.12E-23	1.11E-22	DLG5	chr10	-	79550549	79686378	7415
ENSG0000(	0	15.78126	-5.612	2.62E-06	9.00E-06	MAT1A	chr10	-	82031576	82049440	3410
ENSG0000(	259.3734	245.1669	0.080367	0.63451	0.72313	SLC2A13	chr12	-	40148823	40499891	7003
ENSG0000(	729.7088	336.7896	1.1136	8.01E-18	6.10E-17	GXYLT1	chr12	-	42475647	42538681	7497
ENSG0000(	1341.105	378.8658	1.8215	4.57E-27	5.19E-26	TWF1	chr12	-	44187526	44200178	3320
ENSG0000(	2006.786	570.142	1.8113	5.20E-29	6.38E-28	DIP2C	chr10	-	320130	735683	7894
ENSG0000(	874.5567	1260.899	-0.52636	0.000231	0.000628	EIF4E	chr4	-	99792835	99851788	11523
ENSG0000(	485.8841	1372.257	-1.497	8.07E-45	1.60E-43	MAGI1	chr3	-	65339200	66024509	7415
ENSG0000(	169.7567	100.2173	0.76056	8.93E-05	0.000256	TEX30	chr13	-	1.03E+08	1.03E+08	1689
ENSG0000(	674.4149	466.4604	0.53163	0.000285	0.000765	CSNK1G3	chr5	+	1.23E+08	1.23E+08	4462
ENSG0000(	0.653381	1.043983	-0.46504	0.7732	NA	AGAP11	chr10	+	88728247	88784489	4560
ENSG0000(	181.6016	240.9021	-0.403	0.13415	0.20709	SRFBP1	chr5	+	1.21E+08	1.21E+08	2855
ENSG0000(	103.3132	5.334851	4.2117	3.20E-20	2.72E-19	AKAP6	chr14	+	32798479	33300567	8686
ENSG0000(	104.8759	106.712	-0.02384	0.92187	0.94749	NPAS3	chr14	+	33404139	34273382	5847
ENSG0000(	819.5048	413.318	0.98609	5.48E-15	3.59E-14	FAM177A1	chr14	+	35514113	35582336	3395
ENSG0000(	249.1121	218.5675	0.18944	0.30828	0.41004	MBIP	chr14	-	36767770	36789882	1642
ENSG0000(	114.0167	111.8492	0.028456	0.90772	0.93646	MIPOL1	chr14	+	37667118	38021566	7434
ENSG0000(	2209.179	829.0491	1.4133	1.16E-37	1.92E-36	EXT2	chr11	+	44117099	44266979	3454
ENSG0000(	329.6012	299.3036	0.13873	0.39855	0.50316	TMEM18	chr2	-	667335	677439	2762

ENSG0000(	0	0.297015	-0.41864	0.81278	NA	ALLC	chr2	+	3705785	3750261	1869
ENSG0000(	0.72616	18.15093	-4.2592	4.83E-05	0.000143	KCTD14	chr11	-	77726761	77757237	1691
ENSG0000(	0.290301	0.700845	-0.56655	0.74739	NA	THRSP	chr11	+	77774907	77779397	1174
ENSG0000(	63.57038	61.51521	0.046668	0.8831	0.91853	NDUFC2	chr11	-	77779350	77791265	2518
ENSG0000(	197.7161	9.637873	4.3251	3.07E-38	5.15E-37	ME3	chr11	-	86152150	86383678	2311
ENSG0000(	3.019472	0	3.075	0.045462	0.081831	MSGN1	chr2	+	17997763	17998368	606
ENSG0000(	2294.667	303.3446	2.9165	5.91E-160	7.80E-158	ADAMTS12	chr5	-	33523640	33892297	8774
ENSG0000(	161.7715	204.321	-0.33426	0.093452	0.15263	NUBPL	chr14	+	31959162	32330430	5032
ENSG0000(	1977.754	162.9928	3.5939	1.91E-93	1.01E-91	NEK7	chr1	+	1.98E+08	1.98E+08	4149
ENSG0000(	605.889	171.6348	1.8143	1.91E-14	1.21E-13	FER	chr5	+	1.08E+08	1.09E+08	12119
ENSG0000(	416.8536	349.5648	0.25506	0.072977	0.12351	VIPAS39	chr14	-	77893018	77924295	2934
ENSG0000(	1726.601	622.5851	1.4707	9.89E-37	1.59E-35	ANKRD50	chr4	-	1.26E+08	1.26E+08	8794
ENSG0000(	713.5767	668.8164	0.093496	0.71212	0.78631	UPF2	chr10	-	11962021	12085169	5569
ENSG0000(	877.7256	1314.581	-0.58104	8.01E-05	0.000231	CDC123	chr10	+	12237964	12292588	1542
ENSG0000(	304.17	146.4044	1.0541	3.67E-08	1.48E-07	SCLT1	chr4	-	1.3E+08	1.3E+08	3673
ENSG0000(	7.894606	25.96462	-1.683	0.001005	0.002491	CCDC3	chr10	-	12938627	13141652	3180
ENSG0000(	49.06062	28.82782	0.76298	0.036691	0.067949	C4orf33	chr4	+	1.3E+08	1.3E+08	2862
ENSG0000(	2600.802	361.7821	2.8426	1.24E-152	1.46E-150	FRMD4A	chr10	-	13685706	14504141	6815
ENSG0000(	4.677336	8.644045	-0.79475	0.37443	0.47868	PTPRO	chr12	+	15475331	15750333	5301
ENSG0000(	1180.716	147.4527	2.9958	1.39E-102	8.29E-101	EPS8	chr12	-	15773092	16035263	4061
ENSG0000(	349.6354	1298.462	-1.8887	4.66E-31	6.20E-30	ACAD8	chr11	+	1.34E+08	1.34E+08	3315
ENSG0000(	366.0515	708.5243	-0.94965	4.39E-08	1.77E-07	THYN1	chr11	-	1.34E+08	1.34E+08	1299
ENSG0000(	1148.852	815.5884	0.49387	6.30E-06	2.07E-05	VPS26B	chr11	+	1.34E+08	1.34E+08	3691
ENSG0000(	951.809	1399.336	-0.55553	2.42E-06	8.34E-06	NCAPD3	chr11	-	1.34E+08	1.34E+08	5531
ENSG0000(	371.7124	185.041	1.0029	1.52E-07	5.86E-07	VTI1A	chr10	+	1.14E+08	1.15E+08	4131
ENSG0000(	372.716	478.105	-0.35922	0.016942	0.033941	QDPR	chr4	-	17461884	17513857	1648
ENSG0000(	668.7347	314.2575	1.0856	7.39E-08	2.91E-07	FAM160B1	chr10	+	1.17E+08	1.17E+08	5806
ENSG0000(	100.1404	19.16893	2.364	2.77E-13	1.63E-12	ANO4	chr12	+	1.01E+08	1.02E+08	3909
ENSG0000(	31.34974	44.76865	-0.51603	0.19146	0.27842	TEX9	chr15	+	56536207	56738195	4440
ENSG0000(	450.1371	710.2939	-0.655	0.004801	0.01072	QTRTD1	chr3	+	1.14E+08	1.14E+08	4023
ENSG0000(	76.62961	65.76977	0.22118	0.38567	0.48992	MMAA	chr4	+	1.47E+08	1.47E+08	7068
ENSG0000(	1350.156	822.6028	0.71377	1.91E-07	7.28E-07	ZNF827	chr4	-	1.47E+08	1.47E+08	7463
ENSG0000(	0.685084	0	0.85004	0.63064	NA	POU4F2	chr4	+	1.48E+08	1.48E+08	3144
ENSG0000(	1780.762	26.94146	6.0074	2.98E-192	6.11E-190	EDNRA	chr4	+	1.48E+08	1.48E+08	4135
ENSG0000(	9.969582	23.3352	-1.181	0.036808	0.068142	NR3C2	chr4	-	1.49E+08	1.49E+08	5909
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AKR1C6P	chr10	-	4914093	4934167	983
ENSG0000(	6.930386	6.07054	0.1655	0.82966	0.88009	AKR1C2	chr10	-	5029967	5060223	3381
ENSG0000(	117.4403	628.1293	-2.4118	2.70E-47	5.72E-46	DPYSL4	chr10	+	1.34E+08	1.34E+08	2729
ENSG0000(	0.342542	1322.408	-10.793	1.98E-32	2.78E-31	VENTX	chr10	+	1.35E+08	1.35E+08	2911
ENSG0000(	23.86189	73.82562	-1.6168	0.000111	0.000315	ADAM8	chr10	-	1.35E+08	1.35E+08	3279
ENSG0000(	1.939605	5.033005	-1.2319	0.23461	0.32843	ITIH2	chr10	+	7745232	7791483	3193
ENSG0000(	234.5669	254.1506	-0.11556	0.55926	0.65803	KIN	chr10	-	7795188	7829990	2081
ENSG0000(	62.6293	58.35178	0.097527	0.7206	0.7933	PIGF	chr2	-	46808076	46844258	3454
ENSG0000(	33.45462	22.49195	0.55996	0.1555	0.23411	ANKAR	chr2	+	1.91E+08	1.91E+08	4410
ENSG0000(	226.0334	28.454	2.9755	2.76E-32	3.85E-31	INPP1	chr2	+	1.91E+08	1.91E+08	2162
ENSG0000(	70.98984	113.0634	-0.66964	0.004716	0.010544	MFSD6	chr2	+	1.91E+08	1.91E+08	4797
ENSG0000(	1103.559	628.8221	0.80995	5.68E-09	2.46E-08	RNF144A	chr2	+	7057523	7208417	5743
ENSG0000(	1223.136	420.8975	1.534	2.91E-15	1.94E-14	ASAP2	chr2	+	9346894	9545812	5712
ENSG0000(	762.6327	366.7861	1.0548	2.49E-13	1.47E-12	ADAM17	chr2	-	9628615	9695921	4349
ENSG0000(	968.8452	6.828788	7.1183	5.18E-92	2.65E-90	FLI1	chr11	+	1.29E+08	1.29E+08	5370
ENSG0000(	0.342542	3.711409	-2.6724	0.062966	0.1088	KCNJ1	chr11	-	1.29E+08	1.29E+08	4074
ENSG0000(	3.350849	5.828512	-0.73685	0.42784	0.53316	TMEM45B	chr11	+	1.3E+08	1.3E+08	2234
ENSG0000(	1365.323	1806.239	-0.40327	0.001457	0.003526	WWC2	chr4	+	1.84E+08	1.84E+08	8826
ENSG0000(	526.6983	1224.692	-1.2117	1.18E-07	4.57E-07	MLF1IP	chr4	-	1.86E+08	1.86E+08	1998
ENSG0000(	540.7668	254.7855	1.0825	1.71E-10	8.31E-10	ACSL1	chr4	-	1.86E+08	1.86E+08	3948
ENSG0000(	353.3623	843.8534	-1.2535	1.67E-19	1.37E-18	SLC25A4	chr4	+	1.86E+08	1.86E+08	1666
ENSG0000(	53.38344	45.85461	0.22323	0.51285	0.61594	AMN1	chr12	-	31824071	31882108	2110
ENSG0000(	722.4327	587.7039	0.29733	0.016864	0.033796	BICD1	chr12	+	32259769	32536567	8811
ENSG0000(	675.96	1205.828	-0.83504	5.58E-12	3.00E-11	SAV1	chr14	-	51098776	51135049	3063
ENSG0000(	11.19403	56.94855	-2.318	3.43E-06	1.16E-05	CCDC122	chr13	-	44398045	44453827	3467
ENSG0000(	23.99645	15.38871	0.63561	0.18268	0.26759	SERP2	chr13	+	44947801	44971850	962
ENSG0000(	2053.953	862.9285	1.2479	7.38E-12	3.95E-11	NBAS	chr2	-	15307032	15701454	7281
ENSG0000(	69.27632	71.22359	-0.03596	0.88951	0.9231	ZNF385D	chr3	-	21459915	22414812	4498
ENSG0000(	1.753786	2.073397	-0.19746	0.89137	0.92458	TDO2	chr4	+	1.57E+08	1.57E+08	3139
ENSG0000(	365.9187	673.6633	-0.87766	9.38E-09	3.99E-08	GUF1	chr4	+	44680444	44702943	4449

ENSG0000(	11.12044	0.997859	3.1981	0.000888	0.002224	SLC35F4	chr14	-	58030640	58448912	2700
ENSG0000(	1.628766	13.27564	-2.8098	0.001373	0.003334	GABRA2	chr4	-	46250444	46477247	5812
ENSG0000(	3420.524	461.158	2.8725	5.93E-23	5.72E-22	SACS	chr13	-	23902965	24007841	15639
ENSG0000(	1.669842	4.556329	-1.2975	0.24945	0.3458	PABPC3	chr13	+	25670300	25673389	3090
ENSG0000(	547.8451	498.3818	0.13717	0.37725	0.48137	CENPJ	chr13	-	25457171	25497018	4347
ENSG0000(	65.2077	14.20394	2.1753	4.99E-09	2.17E-08	FBXO4	chr5	+	41925356	41941845	1731
ENSG0000(	118.5698	75.80509	0.64135	0.034994	0.065133	C5orf28	chr5	-	43444354	43483995	2950
ENSG0000(	1.89853	18.92778	-3.1089	6.69E-05	0.000195	CCL28	chr5	-	43376747	43412493	3126
ENSG0000(	530.3563	376.8823	0.49285	0.003696	0.008394	PARP8	chr5	+	49961733	50142356	7177
ENSG0000(	2939.489	208.8295	3.8081	1.24E-103	7.58E-102	GFRA1	chr10	-	1.18E+08	1.18E+08	9216
ENSG0000(	1110.917	1068.362	0.055804	0.69692	0.77397	CACUL1	chr10	-	1.2E+08	1.21E+08	6733
ENSG0000(	5867.365	1394.868	2.0568	5.77E-11	2.91E-10	DST	chr6	-	56322785	56819426	24269
ENSG0000(	206.9401	28.8158	2.8139	1.74E-24	1.78E-23	BEND6	chr6	+	56819773	56892140	3497
ENSG0000(	1048.547	1041.756	0.009673	0.93565	0.95758	TIAL1	chr10	-	1.21E+08	1.21E+08	2321
ENSG0000(	2251.183	649.7706	1.7865	3.61E-19	2.91E-18	BAG3	chr10	+	1.21E+08	1.21E+08	2571
ENSG0000(	0.975385	383.1169	-8.1918	2.39E-30	3.08E-29	GLT1D1	chr12	+	1.29E+08	1.29E+08	3010
ENSG0000(	16.62067	380.0406	-4.5192	1.69E-61	5.04E-60	TMEM132I	chr12	-	1.3E+08	1.3E+08	5776
ENSG0000(	0	5.758956	-4.0861	0.00314	0.007219	RBM46	chr4	+	1.56E+08	1.56E+08	3626
ENSG0000(	77.11754	14.05986	2.4363	6.75E-11	3.39E-10	SCHIP1	chr3	+	1.6E+08	1.6E+08	5949
ENSG0000(	862.535	17.73327	5.5719	4.05E-123	3.32E-121	LIX1L	chr1	+	1.45E+08	1.46E+08	3979
ENSG0000(	3.444166	0	3.2454	0.032803	0.061439	MCHR2	chr6	-	1E+08	1E+08	2368
ENSG0000(	29.25683	8.499227	1.7305	0.001075	0.002652	NBPF11	chr1	-	1.46E+08	1.46E+08	5642
ENSG0000(	393.3784	1.372552	7.9017	7.91E-34	1.16E-32	KCNE4	chr2	+	2.24E+08	2.24E+08	3291
ENSG0000(	30.05495	204.6463	-2.7657	4.27E-28	5.06E-27	AP1S3	chr2	-	2.25E+08	2.25E+08	2515
ENSG0000(	391.6647	1105.798	-1.4944	8.28E-37	1.33E-35	RABGAP1L	chr1	+	1.74E+08	1.75E+08	6821
ENSG0000(	124.7377	107.3998	0.212	0.36361	0.46786	CCDC74B	chr2	-	1.31E+08	1.31E+08	3385
ENSG0000(	192.044	72.4385	1.3929	9.07E-06	2.93E-05	TMEM56	chr1	+	95582894	95663163	6822
ENSG0000(	183.2105	112.0632	0.70168	0.00147	0.003556	MZT2B	chr2	+	1.31E+08	1.31E+08	933
ENSG0000(	1.317927	0.951736	0.33945	0.82592	0.87738	TUBA3E	chr2	-	1.31E+08	1.31E+08	1540
ENSG0000(	30.53466	75.32909	-1.2927	0.000219	0.000596	ASTN1	chr1	-	1.77E+08	1.77E+08	7122
ENSG0000(	4209.863	2441.501	0.785	2.28E-09	1.02E-08	FAM168B	chr2	-	1.32E+08	1.32E+08	5285
ENSG0000(	1957.86	725.4794	1.4302	1.59E-26	1.77E-25	PTPN14	chr1	-	2.15E+08	2.15E+08	5552
ENSG0000(	377.2294	487.1536	-0.36743	0.016276	0.032733	AC093838.	chr2	+	1.32E+08	1.32E+08	3785
ENSG0000(	1954.697	1124.068	0.7973	3.38E-15	2.24E-14	MGAT5	chr2	+	1.35E+08	1.35E+08	8252
ENSG0000(	61.35743	8.637597	2.7865	4.61E-10	2.18E-09	TMEM163	chr2	-	1.35E+08	1.35E+08	5078
ENSG0000(	279.7191	85.17663	1.7118	2.87E-19	2.33E-18	GPATCH11	chr2	+	37311594	37326387	3906
ENSG0000(	71.06776	112.1796	-0.65103	0.007069	0.015295	HSPB8	chr12	+	1.2E+08	1.2E+08	2150
ENSG0000(	109.6237	160.1828	-0.54526	0.005364	0.011877	GEMIN6	chr2	+	38978676	39009598	1210
ENSG0000(	48.25826	190.7218	-1.9686	4.44E-14	2.74E-13	TMEM178A	chr2	+	39892122	39945103	1662
ENSG0000(	0.342542	9.544753	-3.8157	0.00577	0.012685	POU4F1	chr13	-	79173227	79177673	3795
ENSG0000(	148.3723	195.2549	-0.39274	0.19944	0.28792	RNF219	chr13	-	79188426	79233314	3529
ENSG0000(	1.233984	0	1.5686	0.37707	NA	CYSLTR2	chr13	+	49280951	49283498	2548
ENSG0000(	2.749709	588.507	-7.6301	3.87E-51	9.12E-50	GRID2	chr4	+	93225550	94695707	5340
ENSG0000(	1.068702	12.9196	-3.3622	0.000598	0.001534	ARL11	chr13	+	50202435	50208008	3760
ENSG0000(	0	10.04982	-4.9019	0.000146	0.000408	RIT2	chr18	-	40323192	40695657	1156
ENSG0000(	497.3403	178.4067	1.4737	3.08E-13	1.81E-12	SETBP1	chr18	+	42260138	42648475	9899
ENSG0000(	266.1917	242.0712	0.13757	0.39507	0.49958	ARL14EP	chr11	+	30344598	30359774	3417
ENSG0000(	785.5407	530.9456	0.56551	1.38E-05	4.37E-05	EPG5	chr18	-	43427574	43547240	12633
ENSG0000(	129.8699	53.63352	1.2742	5.67E-08	2.26E-07	PSTPIP2	chr18	-	43563502	43652238	3000
ENSG0000(	7165.89	10442.85	-0.54274	8.19E-07	2.94E-06	ATP5A1	chr18	-	43664110	43684300	4547
ENSG0000(	449.2311	706.6674	-0.65207	7.36E-07	2.66E-06	HAUS1	chr18	+	43684298	43708299	1125
ENSG0000(	327.7909	491.3684	-0.58321	0.000151	0.000422	C18orf25	chr18	+	43753519	43846949	5454
ENSG0000(	197.3616	344.1541	-0.80117	1.17E-07	4.54E-07	SPC25	chr2	-	1.7E+08	1.7E+08	1354
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	G6PC2	chr2	+	1.7E+08	1.7E+08	2913
ENSG0000(	148.6058	239.3314	-0.68239	0.00416	0.009371	PDK1	chr2	+	1.73E+08	1.73E+08	2987
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	PTH	chr11	-	13513602	13517728	813
ENSG0000(	219.8482	350.1216	-0.66845	0.000109	0.000308	SPON1	chr11	+	13983914	14289646	5372
ENSG0000(	127.7566	278.9037	-1.1227	7.64E-09	3.27E-08	PDE3B	chr11	+	14665269	14892350	5521
ENSG0000(	797.7984	4342.345	-2.4413	8.45E-107	5.39E-105	TCF7L1	chr2	+	85360533	85537511	2968
ENSG0000(	3714.3	1664.282	1.1571	1.34E-19	1.10E-18	TGOLN2	chr2	-	85545147	85555548	6489
ENSG0000(	0.975385	2.840639	-1.2904	0.32963	0.43268	SH2D6	chr2	+	85645844	85664152	1975
ENSG0000(	11.32761	9.078687	0.2949	0.64798	0.73403	KCNK13	chr14	+	90528109	90652201	2522
ENSG0000(	1140.525	694.6029	0.71315	9.38E-05	0.000268	UHMK1	chr1	+	1.62E+08	1.62E+08	8478
ENSG0000(	113.8977	186.3855	-0.70837	0.001991	0.004714	ATG10	chr5	+	81267844	81572676	3033
ENSG0000(	167.4317	139.1434	0.26663	0.3003	0.40185	POC5	chr5	-	74969949	75013313	2229

ENSG0000(	1450.442	260.4602	2.4733	2.96E-68	1.04E-66	SPOCK1	chr5	-	1.36E+08	1.37E+08	4846
ENSG0000(	35.78127	3.665285	3.1929	1.08E-07	4.20E-07	FAM151B	chr5	+	79783788	79838382	2185
ENSG0000(	221.6972	374.8327	-0.75673	1.32E-06	4.68E-06	TADA1	chr1	-	1.67E+08	1.67E+08	2539
ENSG0000(	97.60837	14.95091	2.6884	9.07E-16	6.21E-15	GUCY1A2	chr11	-	1.07E+08	1.07E+08	5795
ENSG0000(	196.7957	394.6592	-0.99922	4.56E-07	1.68E-06	CWF19L2	chr11	-	1.07E+08	1.07E+08	3278
ENSG0000(	348.6803	511.2894	-0.55066	0.000714	0.00181	JMY	chr5	+	78532012	78623038	9042
ENSG0000(	700.0855	897.5683	-0.35773	0.002008	0.004751	HOMER1	chr5	-	78668459	78810040	5881
ENSG0000(	92.24832	135.5566	-0.54654	0.056262	0.098638	XRCC4	chr5	+	82373317	82649606	1696
ENSG0000(	0	3.137654	-3.0959	0.046868	0.084094	BOLL	chr2	-	1.99E+08	1.99E+08	3135
ENSG0000(	12.89557	16.18905	-0.31679	0.67044	0.75302	ZNF547	chr19	+	57874845	57890933	2739
ENSG0000(	61.34226	72.03043	-0.23299	0.40248	0.50728	ZNF773	chr19	+	58011283	58029772	5832
ENSG0000(	182.4999	293.5719	-0.68246	0.002408	0.005625	ZNF776	chr19	+	58258164	58269527	5292
ENSG0000(	80.73913	224.7096	-1.4744	5.04E-14	3.10E-13	ZNF256	chr19	-	58452201	58459043	2172
ENSG0000(	246.0942	306.4016	-0.31444	0.18633	0.27208	SUV39H2	chr10	+	14920819	14946314	3087
ENSG0000(	308.7384	138.9468	1.1502	1.17E-09	5.37E-09	DCLRE1C	chr10	-	14939358	14996431	3674
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	OLAH	chr10	+	15074226	15115851	1767
ENSG0000(	62.36566	110.5423	-0.81532	0.000753	0.001903	RPP38	chr10	+	15139179	15181817	1457
ENSG0000(	331.3231	276.1201	0.26158	0.10055	0.16226	NMT2	chr10	-	15144583	15210692	2907
ENSG0000(	0	4.286036	-3.3269	0.037899	0.069958	ZSCAN1	chr19	+	58545400	58565999	2054
ENSG0000(	151.049	209.1152	-0.46687	0.013055	0.026791	ZNF837	chr19	-	58878985	58892427	2038
ENSG0000(	561.7585	495.0263	0.18167	0.19159	0.27854	USP12	chr13	-	27640293	27746033	4497
ENSG0000(	4.87432	6.445232	-0.35376	0.70466	0.78051	ARL5B-AS1	chr10	-	18940195	18948196	689
ENSG0000(	1111.595	524.4359	1.082	2.21E-15	1.48E-14	CCDC50	chr3	+	1.91E+08	1.91E+08	8429
ENSG0000(	841.6173	118.2466	2.8243	4.81E-37	7.80E-36	CAMK4	chr5	+	1.11E+08	1.11E+08	12240
ENSG0000(	12.17797	211.5097	-4.0847	1.34E-37	2.20E-36	TRIM36	chr5	-	1.14E+08	1.15E+08	4218
ENSG0000(	1398.83	1771.856	-0.33797	0.30802	0.40978	ZFP36L2	chr2	-	43449541	43453748	3696
ENSG0000(	576.3806	533.16	0.11096	0.39531	0.49983	PAN3	chr13	+	28712643	28869475	4940
ENSG0000(	276.8746	142.0904	0.95746	0.000347	0.00092	PLEKHH2	chr2	+	43864412	43995126	6981
ENSG0000(	1497.246	1862.654	-0.31463	0.032027	0.060143	PFKM	chr12	+	48498922	48540187	3579
ENSG0000(	1419.706	1769.974	-0.31698	0.01059	0.022141	TMEM123	chr11	-	1.02E+08	1.02E+08	3579
ENSG0000(	3.953782	222.3174	-5.7046	1.00E-32	1.42E-31	GRIA4	chr11	+	1.05E+08	1.06E+08	5621
ENSG0000(	56.23844	16.78798	1.7343	2.66E-06	9.11E-06	IGSF10	chr3	-	1.51E+08	1.51E+08	11067
ENSG0000(	46.67399	6.29874	2.8382	2.23E-09	9.96E-09	SPEF2	chr5	+	35617946	35814713	6246
ENSG0000(	3.681413	8.576905	-1.1094	0.19888	0.28721	SPARCL1	chr4	-	88394487	88452213	2994
ENSG0000(	3.951176	2.947455	0.40424	0.70356	0.77953	DMP1	chr4	+	88571459	88585513	2682
ENSG0000(	0	1.698704	-2.2257	0.18075	NA	MEPE	chr4	+	88742563	88767969	2226
ENSG0000(	1622.338	140.5679	3.5236	1.67E-119	1.29E-117	MBNL1	chr3	+	1.52E+08	1.52E+08	6422
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CAPSL	chr5	-	35904397	35938881	1004
ENSG0000(	1201.952	192.4658	2.6364	2.53E-70	9.15E-69	NADKD1	chr5	-	36192694	36242381	3614
ENSG0000(	141.6242	66.83482	1.075	1.24E-06	4.38E-06	GPD1L	chr3	+	32147181	32210205	4060
ENSG0000(	3894.77	9808.66	-1.33	1.49E-18	1.16E-17	GJA1	chr6	+	1.22E+08	1.22E+08	3037
ENSG0000(	3.76617	2.962024	0.29838	0.76971	0.83373	CCNO	chr5	-	54526980	54529508	1726
ENSG0000(	0	2.24661	-2.6365	0.10117	0.16301	DDX4	chr5	+	55033845	55112985	2884
ENSG0000(	480.1461	434.9007	0.14235	0.41063	0.51547	SLC30A6	chr2	+	32390933	32449448	5089
ENSG0000(	543.014	425.5989	0.35061	0.007245	0.015627	PELO	chr5	+	52083774	52099880	4349
ENSG0000(	64.05864	4.49322	3.7262	1.48E-13	8.83E-13	RASGRP3	chr2	+	33661391	33789817	4807
ENSG0000(	722.5681	330.4784	1.1268	2.23E-13	1.32E-12	SAR1B	chr5	-	1.34E+08	1.34E+08	6682
ENSG0000(	2.085163	2.232041	-0.12272	0.9189	0.94537	CATSPER3	chr5	+	1.34E+08	1.34E+08	1362
ENSG0000(	19.78407	11.42641	0.78362	0.1271	0.19804	FAM21B	chr10	+	47894023	47949412	4231
ENSG0000(	625.8532	205.1504	1.6089	5.06E-29	6.21E-28	GPR180	chr13	+	95254157	95286899	8822
ENSG0000(	17.49076	10.07084	0.78575	0.14122	0.21541	TCTEX1D1	chr1	+	67218142	67244470	2001
ENSG0000(	26.97126	11.73396	1.1678	0.022655	0.04417	WDR78	chr1	-	67278568	67390570	4206
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	ANKRD22	chr10	-	90581889	90611575	1596
ENSG0000(	5831.956	3139.518	0.89264	1.24E-22	1.17E-21	FARP1	chr13	+	98794816	99102027	8209
ENSG0000(	215.9726	55.83079	1.9465	2.08E-13	1.23E-12	IFIT5	chr10	+	91174343	91180758	4015
ENSG0000(	0	202.8184	-9.0739	6.62E-17	4.82E-16	SLC16A12	chr10	-	91190051	91316398	4622
ENSG0000(	172.9131	352.4851	-1.0271	2.55E-11	1.32E-10	PANK1	chr10	-	91342745	91405215	3367
ENSG0000(	707.9992	3.054271	7.7462	1.61E-60	4.71E-59	PRDM8	chr4	+	81105033	81125483	4095
ENSG0000(	4.93854	14.8878	-1.5282	0.027909	0.053261	BMP3	chr4	+	81952119	81978685	5734
ENSG0000(	4440.718	4460.109	-0.00621	0.98015	0.98907	HNRPDL	chr4	-	83343717	83351294	3781
ENSG0000(	54.4924	87.10521	-0.66966	0.009658	0.020356	HHEX	chr10	+	94447945	94455403	3490
ENSG0000(	2591.108	1847.991	0.48661	0.009208	0.019479	UTRN	chr6	+	1.45E+08	1.45E+08	12339
ENSG0000(	12.44692	6.78837	0.83966	0.2208	0.31281	GRM1	chr6	+	1.46E+08	1.47E+08	6939
ENSG0000(	1278.419	914.8104	0.4827	0.000153	0.000427	PTPRK	chr6	-	1.28E+08	1.29E+08	6188
ENSG0000(	574.4379	627.6422	-0.12866	0.37243	0.4769	GGPS1	chr1	+	2.35E+08	2.36E+08	2895

ENSG0000(	105.3044	88.42909	0.25182	0.35342	0.45773	ZNF117	chr7	-	64438360	64467062	2874
ENSG0000(	1.794048	0.654722	1.1029	0.47589	0.58049	PART1	chr5	+	59783540	59843484	2316
ENSG0000(	21.54804	88.67515	-2.0347	2.21E-09	9.88E-09	RAB3C	chr5	+	57878048	58155213	8888
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	IFLTD1	chr12	-	25562241	25801513	1729
ENSG0000(	17.58245	419.0362	-4.5171	2.05E-47	4.36E-46	MARVELD2	chr5	+	68710939	68740157	4376
ENSG0000(	286.6599	346.2426	-0.27061	0.084071	0.13947	RAD17	chr5	+	68665120	68710628	3233
ENSG0000(	358.2371	300.141	0.25516	0.17561	0.25886	MED21	chr12	+	27175479	27219276	1753
ENSG0000(	3437.531	465.0208	2.8812	6.92E-69	2.44E-67	PLOD2	chr3	-	1.46E+08	1.46E+08	3835
ENSG0000(	1297.175	16.67304	6.2844	4.91E-142	5.02E-140	STK32B	chr4	+	5053169	5502725	3582
ENSG0000(	0.342542	1.920457	-1.7057	0.29613	0.39817	NRSN1	chr6	+	24126350	24155128	2354
ENSG0000(	0	69.09701	-7.5815	2.90E-11	1.49E-10	JAKMIP1	chr4	-	6027926	6202318	2975
ENSG0000(	2750.61	1069.764	1.3601	9.12E-20	7.61E-19	ZIC1	chr3	+	1.47E+08	1.47E+08	5241
ENSG0000(	1776.982	1266.15	0.48844	1.12E-06	3.97E-06	GPR125	chr4	-	22346694	22517677	4557
ENSG0000(	1.359003	0	1.8987	0.26617	NA	CPB1	chr3	+	1.49E+08	1.49E+08	3574
ENSG0000(	522.0395	428.9608	0.2828	0.03586	0.066612	SREK1IP1	chr5	-	64016338	64064512	4509
ENSG0000(	101.8678	257.6567	-1.33	1.32E-12	7.43E-12	LGI2	chr4	-	25000469	25032501	6428
ENSG0000(	747.2671	777.3217	-0.05582	0.73861	0.80727	CWC27	chr5	+	64064757	64314590	2103
ENSG0000(	9.980747	1.949596	2.1577	0.026404	0.050678	MR1	chr1	+	1.81E+08	1.81E+08	7704
ENSG0000(	99.58645	91.07543	0.13111	0.6459	0.73253	SRP19	chr5	+	1.12E+08	1.12E+08	2841
ENSG0000(	278.0936	1004.193	-1.8509	7.39E-33	1.05E-31	CENPH	chr5	+	68485375	68506184	1389
ENSG0000(	475.0712	1307.957	-1.4582	3.02E-27	3.47E-26	CDYL	chr6	+	4706393	4955785	3419
ENSG0000(	608.7979	1903.654	-1.642	9.27E-27	1.04E-25	CARHSP1	chr16	-	8946799	8962866	3026
ENSG0000(	1.048164	4.288452	-1.8134	0.12353	0.19357	TEKT5	chr16	-	10721358	10788802	1612
ENSG0000(	18.6769	9.721256	0.89968	0.15878	0.23817	BANK1	chr4	+	1.02E+08	1.03E+08	3544
ENSG0000(	451.8211	146.7542	1.6215	1.65E-24	1.70E-23	TXNDC11	chr16	-	11772936	11836734	3178
ENSG0000(	1386.693	90.87873	3.9233	7.93E-77	3.20E-75	DAB2	chr5	-	39371780	39462402	4534
ENSG0000(	8.475209	2.07098	1.9199	0.036068	0.066958	ACMSD	chr2	+	1.36E+08	1.36E+08	1936
ENSG0000(	2.842212	78.9232	-4.6259	1.24E-16	8.87E-16	ACOXL	chr2	+	1.11E+08	1.12E+08	2714
ENSG0000(	410.2939	442.1864	-0.10938	0.40185	0.50661	BCL2L11	chr2	+	1.12E+08	1.12E+08	5086
ENSG0000(	899.0868	1776.764	-0.98137	3.21E-21	2.86E-20	ANAPC1	chr2	-	1.13E+08	1.13E+08	8259
ENSG0000(	1689.996	349.7851	2.2712	3.32E-96	1.81E-94	CAST	chr5	+	95865525	96115299	4629
ENSG0000(	650.7703	382.2832	0.76685	2.49E-08	1.02E-07	SCOC	chr4	+	1.41E+08	1.41E+08	2193
ENSG0000(	48.55296	60.20175	-0.30283	0.36478	0.4692	CLGN	chr4	-	1.41E+08	1.41E+08	3043
ENSG0000(	132.4671	314.2211	-1.2415	3.29E-08	1.34E-07	CETN3	chr5	-	89688078	89705603	2432
ENSG0000(	1853.441	3437.96	-0.88976	7.41E-10	3.46E-09	SMARCA5	chr4	+	1.44E+08	1.44E+08	7923
ENSG0000(	12.6858	57.5895	-2.1471	5.37E-07	1.97E-06	SYCP2L	chr6	+	10748027	10979553	3130
ENSG0000(	24.31324	20.79969	0.23061	0.62321	0.71358	BMP6	chr6	+	7727030	7881655	2780
ENSG0000(	5.45655	2.010288	1.3061	0.20163	0.2903	RGPD3	chr2	-	1.07E+08	1.07E+08	5594
ENSG0000(	498.4868	761.2342	-0.61062	8.65E-05	0.000248	RASSF3	chr12	+	65004293	65091347	3492
ENSG0000(	7342.565	10061.62	-0.45296	0.028115	0.053611	HNRNPU	chr1	-	2.45E+08	2.45E+08	5940
ENSG0000(	2810.114	2269.302	0.30662	0.28511	0.38648	RANBP2	chr2	+	1.09E+08	1.09E+08	11711
ENSG0000(	1225.657	961.661	0.35019	0.026269	0.050435	AHCTF1	chr1	-	2.47E+08	2.47E+08	8751
ENSG0000(	185.7721	149.0642	0.31541	0.24835	0.3446	MERTK	chr2	+	1.13E+08	1.13E+08	3954
ENSG0000(	1559.086	235.5227	2.7206	3.55E-66	1.20E-64	TMEM87B	chr2	+	1.13E+08	1.13E+08	5212
ENSG0000(	5.766575	12.03662	-0.97799	0.26087	0.35889	PTPRR	chr12	-	71031853	71314623	3529
ENSG0000(	32.1975	15.47209	1.0425	0.017363	0.034727	NR4A2	chr2	-	1.57E+08	1.57E+08	3472
ENSG0000(	3.350849	7.051414	-1.0171	0.26186	0.36001	CCDC148	chr2	-	1.59E+08	1.59E+08	3122
ENSG0000(	239.224	42.12943	2.4994	5.05E-31	6.71E-30	PLA2R1	chr2	-	1.61E+08	1.61E+08	8526
ENSG0000(	1608.84	1478.108	0.12224	0.22246	0.31471	RBMS1	chr2	-	1.61E+08	1.61E+08	4273
ENSG0000(	4.253456	1.029414	1.7557	0.1669	0.2482	SCN3A	chr2	-	1.66E+08	1.66E+08	9123
ENSG0000(	0	1.920457	-2.1803	0.20711	0.29682	FEZF2	chr3	-	62355356	62359999	2074
ENSG0000(	1.608228	1.964165	-0.22788	0.87084	0.90983	CD96	chr3	+	1.11E+08	1.11E+08	4324
ENSG0000(	60.8747	69.87789	-0.19885	0.59985	0.69386	SLC25A27	chr6	+	46620678	46645930	2963
ENSG0000(	168.6996	0	8.8397	2.94E-16	2.06E-15	GPR110	chr6	-	46965440	47010099	9130
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	FRMD1	chr6	-	1.68E+08	1.68E+08	4677
ENSG0000(	510.726	1002.662	-0.97103	5.62E-14	3.44E-13	FAM49B	chr8	-	1.31E+08	1.31E+08	4552
ENSG0000(	2085.892	727.6361	1.5171	9.11E-46	1.86E-44	ASAP1	chr8	-	1.31E+08	1.31E+08	6042
ENSG0000(	517.0099	683.0337	-0.40104	0.001723	0.004122	TRAPPC8	chr18	-	29409136	29533099	6226
ENSG0000(	20.13598	61.9222	-1.5968	0.000158	0.000439	LINC00467	chr1	+	2.12E+08	2.12E+08	711
ENSG0000(	209.1294	223.2803	-0.09235	0.58182	0.67817	INO80C	chr18	-	33032194	33077955	3245
ENSG0000(	2462.79	6669.418	-1.4358	1.06E-32	1.49E-31	LPCAT1	chr5	-	1456595	1524092	5610
ENSG0000(	449.4064	1077.345	-1.2608	6.42E-23	6.18E-22	PLEKHG4B	chr5	+	140373	190085	11513
ENSG0000(	713.022	881.0488	-0.30468	0.009786	0.020604	NMRAL1	chr16	-	4511681	4545764	1719
ENSG0000(	616.4497	1165.649	-0.9173	1.77E-16	1.26E-15	UBALD1	chr16	-	4658884	4665028	2641
ENSG0000(	2.157128	7.313585	-1.5864	0.089784	0.14744	C16orf89	chr16	-	5094123	5116111	1872

ENSG0000(	43.63659	91.78702	-1.0733	0.000224	0.00061	TMEM251	chr14	+	93651296	93653434	1303
ENSG0000(	500.8649	619.1422	-0.30588	0.024624	0.047597	ING1	chr13	+	1.11E+08	1.11E+08	2870
ENSG0000(	7.241225	1.684135	1.951	0.041357	0.075452	TEX29	chr13	+	1.12E+08	1.12E+08	835
ENSG0000(	19.61618	15.42026	0.34909	0.48154	0.58585	ADPRHL1	chr13	-	1.14E+08	1.14E+08	1872
ENSG0000(	466.9675	375.5572	0.31382	0.01482	0.030052	CMTM7	chr3	+	32433163	32524559	2066
ENSG0000(	211.473	55.53699	1.9243	3.77E-19	3.04E-18	FBXL2	chr3	+	33318517	33445154	3847
ENSG0000(	1492.804	903.4394	0.72252	0.000223	0.000605	UBP1	chr3	-	33429828	33482863	7394
ENSG0000(	514.3693	1687.968	-1.7136	1.27E-58	3.56E-57	RMND5A	chr2	+	86947296	87005164	6301
ENSG0000(	0.36308	4.602452	-3.0046	0.028935	0.054974	CD8A	chr2	-	87011729	87035519	3048
ENSG0000(	457.5501	422.5901	0.11341	0.41276	0.51758	RPIA	chr2	+	88991162	89050452	1848
ENSG0000(	327.5304	405.1899	-0.3053	0.067923	0.1161	TUBGCP5	chr15	+	22833395	22873892	3849
ENSG0000(	0.72616	4.035145	-2.058	0.13436	0.20734	GOLGA8I	chr15	+	23255242	23268823	5264
ENSG0000(	757.1841	725.3489	0.061658	0.57877	0.67526	PTPRD	chr9	-	8314246	10612723	9911
ENSG0000(	229.9231	6.907338	4.9937	4.41E-39	7.61E-38	LURAP1L	chr9	+	12775020	12822130	1753
ENSG0000(	284.8504	112.2064	1.3351	5.30E-11	2.68E-10	CNKSR3	chr6	-	1.55E+08	1.55E+08	3268
ENSG0000(	234.8991	658.6306	-1.4879	4.47E-25	4.68E-24	GTF2E1	chr3	+	1.2E+08	1.21E+08	3012
ENSG0000(	641.4003	588.9766	0.12342	0.38319	0.48729	CFDP1	chr16	-	75327596	75467383	1275
ENSG0000(	1003.19	1131.792	-0.1737	0.08727	0.14401	ZDHHC7	chr16	-	85007787	85045141	3442
ENSG0000(	0.290301	0.654722	-0.51764	0.76892	NA	FAM92B	chr16	-	85131965	85146114	1897
ENSG0000(	35.05087	34.72763	0.021433	0.95675	0.97356	C7orf31	chr7	-	25174316	25219975	3357
ENSG0000(	0.995923	0	1.4959	0.39264	NA	TMPRSS11I	chr4	-	68686594	68749750	2817
ENSG0000(	228.3859	106.6918	1.0925	8.13E-09	3.47E-08	JAZF1	chr7	-	27870192	28220362	3125
ENSG0000(	1315.307	1942.748	-0.56191	3.81E-05	0.000114	CMIP	chr16	+	81478775	81745367	4357
ENSG0000(	29.63963	0.343138	5.6541	2.02E-07	7.67E-07	SPHKAP	chr2	-	2.29E+08	2.29E+08	6917
ENSG0000(	0.685084	0.686276	-0.00148	0.99933	NA	KCNJ16	chr17	+	68049570	68131749	4014
ENSG0000(	70.96214	28.9833	1.2722	0.000363	0.00096	PID1	chr2	-	2.3E+08	2.3E+08	2745
ENSG0000(	4789.564	2243.217	1.0936	3.05E-33	4.39E-32	TRIP12	chr2	-	2.31E+08	2.31E+08	9874
ENSG0000(	111.136	112.1352	-0.0146	0.95456	0.97191	FBXO36	chr2	+	2.31E+08	2.31E+08	3120
ENSG0000(	690.7994	874.261	-0.33933	0.007211	0.015564	CEBPG	chr19	+	33864236	33873591	4108
ENSG0000(	1925.333	1415.981	0.44165	0.047154	0.084558	KCTD15	chr19	+	34286838	34306666	4916
ENSG0000(	113.085	76.92997	0.55247	0.014846	0.030099	ZNF599	chr19	-	35248979	35264134	3397
ENSG0000(	14.10723	61.90139	-2.1099	4.91E-06	1.63E-05	MCOLN2	chr1	-	85391268	85462796	2869
ENSG0000(	1.068702	147.0776	-6.7381	5.01E-16	3.47E-15	LGI4	chr19	-	35615417	35633355	2891
ENSG0000(	1326.437	497.9504	1.412	4.31E-25	4.52E-24	DDAH1	chr1	-	85784164	86043933	3920
ENSG0000(	1419.708	730.256	0.95493	0.000169	0.000467	SREK1	chr5	+	65435799	65479443	9353
ENSG0000(	916.0001	761.3227	0.26739	0.091421	0.14976	CHD1	chr5	-	98190908	98262240	5918
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CLCA3P	chr1	+	87099956	87121059	3412
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	ANKFN1	chr17	+	54188319	54589020	3840
ENSG0000(	124.725	196.4644	-0.65625	0.000413	0.001085	DGKE	chr17	+	54911460	54946036	7768
ENSG0000(	964.2997	519.3072	0.89158	8.00E-14	4.86E-13	HS2ST1	chr1	+	87380331	87602334	6736
ENSG0000(	1226.462	1349.32	-0.13735	0.20391	0.29294	MSI2	chr17	+	55333212	55762046	7612
ENSG0000(	671.3353	468.0783	0.52049	0.002382	0.005568	CACNA2D1	chr7	-	81575760	82073114	7563
ENSG0000(	187.4347	181.6582	0.044411	0.79986	0.85824	ZUFSP	chr6	-	1.17E+08	1.17E+08	2195
ENSG0000(	1074.84	132.4453	3.0065	6.98E-53	1.72E-51	HS3ST3A1	chr17	-	13399006	13505244	2527
ENSG0000(	35.40442	83.13163	-1.2249	0.000206	0.000565	GDPD1	chr17	+	57297828	57353328	1821
ENSG0000(	1221.456	1288.638	-0.07693	0.58949	0.68476	NUS1	chr6	+	1.18E+08	1.18E+08	4676
ENSG0000(	80.16709	34.33421	1.2195	0.001222	0.002989	SEMA3D	chr7	-	84624869	84816171	6265
ENSG0000(	975.6102	1202.221	-0.30149	0.010097	0.021214	PPP2R5E	chr14	-	63838075	64010092	6659
ENSG0000(	1.027626	1.073121	-0.03196	0.98538	0.99147	GRAP	chr17	-	18923986	18950950	2651
ENSG0000(	0.632843	4.196206	-2.2856	0.070977	0.12059	SLC5A10	chr17	+	18853658	18925908	4436
ENSG0000(	279.4443	85.04397	1.7098	1.99E-16	1.41E-15	AK5	chr1	+	77747736	78025651	3929
ENSG0000(	251.8338	684.7419	-1.4392	7.52E-16	5.17E-15	C17orf103	chr17	-	21142183	21156722	4925
ENSG0000(	107.9169	123.109	-0.1875	0.36497	0.46937	CABYR	chr18	+	21718942	21741567	2250
ENSG0000(	410.82	631.8942	-0.61943	1.82E-05	5.67E-05	IMPACT	chr18	+	22006580	22033499	3792
ENSG0000(	16.59752	40.72862	-1.2795	0.004991	0.011119	ANKRD29	chr18	-	21178890	21242849	3597
ENSG0000(	118.3598	193.8589	-0.70465	0.049037	0.087491	C6orf57	chr6	+	71276620	71299272	1196
ENSG0000(	0	166.4838	-8.815	4.95E-16	3.43E-15	CHST9	chr18	-	24495595	24765281	2238
ENSG0000(	2675.783	4598.247	-0.77841	0.000222	0.000603	THY1	chr11	-	1.19E+08	1.19E+08	3554
ENSG0000(	2.023549	9.217057	-2.055	0.021958	0.042944	DNAAF1	chr16	+	84178865	84212373	4708
ENSG0000(	29.59514	82.64938	-1.464	6.09E-05	0.000178	C16orf74	chr16	-	85723690	85784735	1237
ENSG0000(	323.8396	186.5934	0.79354	1.81E-07	6.89E-07	TBCEL	chr11	+	1.21E+08	1.21E+08	5142
ENSG0000(	42.34857	1452.675	-5.083	4.99E-92	2.56E-90	JPH3	chr16	+	87635441	87731762	4023
ENSG0000(	2840.953	360.4268	2.9732	1.43E-103	8.68E-102	ANKH	chr5	-	14704910	14871887	8203
ENSG0000(	663.2442	302.1575	1.1317	8.81E-18	6.70E-17	FAM105B	chr5	+	14664773	14699820	7800
ENSG0000(	1747.94	400.42	2.1177	2.01E-22	1.89E-21	UBASH3B	chr11	+	1.23E+08	1.23E+08	6912

ENSG0000(	19.87739	2.65044	2.7905	5.90E-05	0.000173	ROBO4	chr11	-	1.25E+08	1.25E+08	4710
ENSG0000(	242.4854	148.5769	0.70184	0.00049	0.001275	ROBO3	chr11	+	1.25E+08	1.25E+08	4569
ENSG0000(	1.370168	0.297015	1.1469	0.51585	NA	PANX3	chr11	+	1.24E+08	1.24E+08	1667
ENSG0000(	618.4517	366.2805	0.75329	8.79E-08	3.44E-07	TBRG1	chr11	+	1.24E+08	1.25E+08	4461
ENSG0000(	115.5017	2.788811	5.2983	1.54E-21	1.39E-20	NRGN	chr11	+	1.25E+08	1.25E+08	1971
ENSG0000(	37.27124	20.90893	0.82469	0.036707	0.067974	FAM134B	chr5	-	16473147	16617167	3268
ENSG0000(	0.632843	0.343138	0.49756	0.77728	NA	CDH12	chr5	-	21750782	22853731	4164
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	GPR15	chr3	+	98250743	98251960	1218
ENSG0000(	1129.641	1331.994	-0.23751	0.01714	0.034312	TOMM70A	chr3	-	1E+08	1E+08	4409
ENSG0000(	538.9551	6.721972	6.2809	1.57E-69	5.58E-68	ABI3BP	chr3	-	1E+08	1.01E+08	6783
ENSG0000(	648.5667	34.47909	4.2148	2.94E-52	7.16E-51	ANGPT1	chr8	-	1.08E+08	1.09E+08	4353
ENSG0000(	420.2549	1096.639	-1.3827	2.02E-20	1.73E-19	PITPNC1	chr17	+	65373575	65693372	6182
ENSG0000(	724.5531	342.1522	1.0796	1.47E-07	5.66E-07	CC2D1B	chr1	-	52811395	52831865	5638
ENSG0000(	0	6.595755	-4.3227	0.001173	0.00288	CERS3	chr15	-	1.01E+08	1.01E+08	3894
ENSG0000(	1009.64	745.1713	0.43639	0.000426	0.001118	PRKCA	chr17	+	64298754	64806861	8751
ENSG0000(	481.9552	131.4814	1.8656	4.54E-22	4.19E-21	LRRK1	chr15	+	1.01E+08	1.02E+08	7701
ENSG0000(	204.4613	33.16159	2.6187	3.27E-19	2.65E-18	CEP112	chr17	-	63631656	64188202	3517
ENSG0000(	5.177414	6.883905	-0.40427	0.67848	0.75928	GAL3ST2	chr2	+	2.43E+08	2.43E+08	1370
ENSG0000(	0.580602	2.307303	-1.4899	0.30821	0.40999	ABCA9	chr17	-	66970629	67057205	6514
ENSG0000(	0.943682	0	1.2438	0.48556	NA	ABCA10	chr17	-	67143355	67240987	6362
ENSG0000(	68.87379	14.1691	2.2702	1.60E-09	7.25E-09	ABCA5	chr17	-	67240452	67323385	8220
ENSG0000(	1.846289	1.416259	0.33993	0.8153	0.87038	ENPP3	chr6	+	1.32E+08	1.32E+08	3413
ENSG0000(	5.653535	6.537479	-0.20888	0.79109	0.85123	C4orf19	chr4	+	37455563	37625117	1949
ENSG0000(	6719.374	5656.018	0.24821	0.092622	0.15153	UCHL1	chr4	+	41258430	41270472	1578
ENSG0000(	1736.974	858.176	1.0159	9.39E-16	6.42E-15	MIA3	chr1	+	2.23E+08	2.23E+08	8142
ENSG0000(	198.7017	54.39593	1.8629	1.87E-16	1.33E-15	DISP1	chr1	+	2.23E+08	2.23E+08	4762
ENSG0000(	205.1569	1364.53	-2.7304	2.77E-89	1.37E-87	TNIK	chr3	-	1.71E+08	1.71E+08	6970
ENSG0000(	0.36308	17.47426	-4.9105	1.84E-05	5.74E-05	TDH	chr8	+	11197146	11225961	1442
ENSG0000(	2.229907	9.323873	-1.9113	0.024851	0.048007	FAM167A	chr8	-	11278972	11332224	4094
ENSG0000(	407.712	401.6132	0.022067	0.88317	0.91853	NEIL2	chr8	+	11627148	11644855	2671
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	PGM5	chr9	+	70971815	71145977	4032
ENSG0000(	0	3.025133	-3.0821	0.044886	0.080924	WNT3A	chr1	+	2.28E+08	2.28E+08	2932
ENSG0000(	936.5353	1160.613	-0.30918	0.08578	0.14181	OBSCN	chr1	+	2.28E+08	2.29E+08	26927
ENSG0000(	407.8939	910.3931	-1.1557	6.14E-14	3.75E-13	LONRF1	chr8	-	12579403	12613582	3594
ENSG0000(	499.8863	577.9589	-0.20756	0.15237	0.23007	TRIM11	chr1	-	2.29E+08	2.29E+08	5774
ENSG0000(	3843.767	5148.65	-0.42134	1.00E-05	3.21E-05	ENAH	chr1	-	2.26E+08	2.26E+08	7167
ENSG0000(	264.8457	199.1752	0.40556	0.25214	0.34895	CCSAP	chr1	-	2.29E+08	2.29E+08	5157
ENSG0000(	624.1989	338.2406	0.88168	3.15E-10	1.50E-09	SH3RF1	chr4	-	1.7E+08	1.7E+08	5272
ENSG0000(	6.765104	0.297015	3.5705	0.006334	0.013827	GBP5	chr1	-	89724633	89738544	4699
ENSG0000(	1565.93	2259.17	-0.52878	2.87E-07	1.08E-06	BUB3	chr10	+	1.25E+08	1.25E+08	2731
ENSG0000(	0	1.234181	-1.5727	0.37581	NA	GPR26	chr10	+	1.25E+08	1.25E+08	7514
ENSG0000(	7.479285	7.129091	0.062411	0.9291	0.95301	CCDC173	chr2	-	1.71E+08	1.71E+08	2181
ENSG0000(	1.774324	0.343138	1.5777	0.34013	0.44403	MMP21	chr10	-	1.27E+08	1.27E+08	1919
ENSG0000(	11.9417	8.245047	0.51904	0.49757	0.60135	C10orf90	chr10	-	1.28E+08	1.28E+08	3076
ENSG0000(	86.76349	78.28715	0.14884	0.57595	0.67271	FAM69A	chr1	-	93307724	93427057	2574
ENSG0000(	2041.342	2684.697	-0.39444	0.000484	0.001259	ATP5G3	chr2	-	1.76E+08	1.76E+08	5484
ENSG0000(	7.418485	26.26076	-1.7929	0.001177	0.002889	CNTNAP3B	chr9	+	43684902	43924049	7939
ENSG0000(	0.290301	2.932886	-2.4318	0.093564	0.15276	FAM27C	chr9	+	44990314	44991483	616
ENSG0000(	49.86568	31.7834	0.64913	0.0663	0.11374	MAGED4	chrX	+	51927919	51935364	3015
ENSG0000(	54.86665	90.87893	-0.71934	0.00778	0.016672	SRSF12	chr6	-	89805678	89827800	3599
ENSG0000(	538.7948	33.88277	3.9639	1.67E-79	6.97E-78	PDLIM3	chr4	-	1.86E+08	1.86E+08	5137
ENSG0000(	239.0978	128.4414	0.89532	9.10E-06	2.93E-05	SORBS2	chr4	-	1.87E+08	1.87E+08	6050
ENSG0000(	926.7579	945.6963	-0.02857	0.83748	0.88597	TCEB1	chr8	-	74851404	74884522	2780
ENSG0000(	3.060548	0	3.11	0.041268	0.07534	LY96	chr8	+	74903587	74941322	607
ENSG0000(	65.10681	8.11883	2.98	6.60E-12	3.54E-11	CEP170P1	chr4	+	1.19E+08	1.19E+08	4587
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	PSMA8	chr18	+	23713816	23773319	1876
ENSG0000(	6.597217	48.06556	-2.8096	1.72E-08	7.17E-08	TMSB4Y	chrY	+	15815447	15817904	1669
ENSG0000(	111.5176	2213.586	-4.3015	1.20E-129	1.08E-127	CXADR	chr21	+	18884700	18965897	6254
ENSG0000(	487.412	292.8806	0.73272	2.63E-07	9.88E-07	BTG3	chr21	-	18965971	18985265	1485
ENSG0000(	181.7233	369.2152	-1.0194	6.12E-10	2.88E-09	C21orf91	chr21	-	19161284	19191703	5433
ENSG0000(	0	33.35427	-6.6451	6.16E-09	2.66E-08	CHODL	chr21	+	19273580	19639690	2548
ENSG0000(	0.342542	0	0.4146	0.81455	NA	TMPRSS15	chr21	-	19641433	19858197	3947
ENSG0000(	48.29241	15.19851	1.6531	9.72E-05	0.000278	NCAM2	chr21	+	22370633	22915650	8135
ENSG0000(	0	16.89405	-5.7035	1.73E-06	6.04E-06	L3MBTL4	chr18	-	5954705	6415236	4534
ENSG0000(	52.01506	4.646159	3.4182	1.39E-11	7.31E-11	PDE1C	chr7	-	31790793	32338941	8852

ENSG0000(	5.145711	3.823929	0.36528	0.69342	0.77146	RABGEF1	chr7	+	66205720	66276451	3733
ENSG0000(	301.0713	472.1225	-0.6466	3.06E-05	9.28E-05	MRPL39	chr21	-	26957968	26979829	1199
ENSG0000(	218.802	81.35921	1.423	7.08E-13	4.06E-12	JAM2	chr21	+	27011584	27089874	4337
ENSG0000(	359.7847	408.3898	-0.18087	0.25439	0.35145	ATP5J	chr21	-	27088815	27107984	1179
ENSG0000(	600.0324	465.778	0.36526	0.10527	0.16858	GABPA	chr21	+	27106881	27144771	5120
ENSG0000(	667.8438	630.3012	0.083157	0.78524	0.8462	ADAMTS1	chr21	-	28208606	28217728	4718
ENSG0000(	675.248	15.77951	4.9762	3.32E-07	1.24E-06	ADAMTS5	chr21	-	28290231	28338832	9056
ENSG0000(	132.7791	220.9177	-0.73132	0.001107	0.002727	TSEN2	chr3	+	12525931	12581122	3918
ENSG0000(	38.09251	368.4601	-3.2593	2.42E-33	3.49E-32	SLFN13	chr17	-	33762115	33775856	8469
ENSG0000(	0	1.888903	-2.3653	0.15293	NA	WNT7A	chr3	-	13857755	13921618	4041
ENSG0000(	715.958	870.394	-0.28135	0.14058	0.21453	XPC	chr3	-	14186647	14220283	3832
ENSG0000(	7.655732	0.997859	2.6529	0.01258	0.025902	C17orf50	chr17	+	34087916	34092098	1018
ENSG0000(	298.2269	325.8656	-0.12718	0.39903	0.50368	CCDC174	chr3	+	14693271	14714166	2942
ENSG0000(	8.568525	1089.179	-6.9243	2.40E-88	1.17E-86	FGD5	chr3	+	14860469	14975895	5720
ENSG0000(	351.2582	359.2905	-0.03556	0.83608	0.88505	FLCN	chr17	-	17115526	17140502	3638
ENSG0000(	625.1212	299.6441	1.0589	3.54E-08	1.44E-07	DPH3	chr3	-	16299485	16306479	3131
ENSG0000(	193.4806	293.4631	-0.60246	0.001143	0.002812	OXNAD1	chr3	+	16306706	16378822	3929
ENSG0000(	59.22956	53.84238	0.13753	0.65761	0.74209	PLCL2	chr3	+	16844159	17132086	4153
ENSG0000(	938.5008	1256.051	-0.41959	0.001469	0.003553	CXXC1	chr18	-	47808713	47814674	2936
ENSG0000(	225.4111	306.8458	-0.44455	0.003783	0.008578	SKA1	chr18	+	47901365	47920543	2905
ENSG0000(	1735.561	1317.82	0.3969	0.008941	0.018975	PPP4R1	chr18	-	9546789	9615238	3925
ENSG0000(	314.6098	182.3582	0.78728	3.40E-06	1.15E-05	APCDD1	chr18	+	10454625	10488698	2562
ENSG0000(	50.27407	327.1396	-2.6948	1.61E-34	2.41E-33	PIEZO2	chr18	-	10666480	11148587	9356
ENSG0000(	0.943682	1.949596	-0.84081	0.53965	0.64023	CCDC144B	chr17	-	18431900	18528930	8682
ENSG0000(	153.2541	173.9693	-0.18529	0.31858	0.42147	MPPE1	chr18	-	11882621	11909222	4236
ENSG0000(	11.14179	5.300881	1.0204	0.14634	0.22225	CCDC144C	chr17	+	20224477	20306870	5227
ENSG0000(	118.4354	258.5775	-1.1195	2.27E-08	9.34E-08	USP43	chr17	+	9548015	9633001	3624
ENSG0000(	82.56911	260.1576	-1.6546	8.92E-14	5.39E-13	RAB6B	chr3	-	1.34E+08	1.34E+08	5526
ENSG0000(	97.57407	191.9622	-0.96818	1.47E-06	5.17E-06	EME1	chr17	+	48450581	48458844	2354
ENSG0000(	212.7114	161.3846	0.39818	0.043127	0.078273	EPHB1	chr3	+	1.34E+08	1.35E+08	4672
ENSG0000(	47.07896	50.43698	-0.10873	0.76631	0.83093	ACSS1	chr20	-	24986868	25039616	4877
ENSG0000(	806.435	638.7063	0.33619	0.005734	0.012619	ANKRD40	chr17	-	48770551	48785285	4184
ENSG0000(	169.2799	237.417	-0.48467	0.005505	0.01216	ZNF18	chr17	-	11880762	11900827	2767
ENSG0000(	3.423628	14.09142	-1.9741	0.007187	0.01552	CA10	chr17	-	49707674	50237377	3189
ENSG0000(	1820.923	1325.549	0.45757	0.004288	0.009639	VOPP1	chr7	-	55503749	55640681	2962
ENSG0000(	102.1998	63.7198	0.68025	0.007424	0.015982	APOOL	chrX	+	84258832	84343069	1279
ENSG0000(	1044.978	0	11.237	7.09E-26	7.70E-25	DKK2	chr4	-	1.08E+08	1.08E+08	3638
ENSG0000(	138.5048	65.3045	1.0752	4.86E-05	0.000144	CYP2U1	chr4	+	1.09E+08	1.09E+08	4944
ENSG0000(	0.975385	1.949596	-0.8169	0.55115	0.65079	RSPH10B	chr7	-	5965181	6010314	3222
ENSG0000(	593.9088	449.6983	0.40022	0.025363	0.048892	FBXL18	chr7	-	5470966	5553429	3498
ENSG0000(	0	2.635871	-2.911	0.060379	0.10495	CNTNAP5	chr2	+	1.25E+08	1.26E+08	5284
ENSG0000(	20.50942	168.1401	-3.0059	5.88E-22	5.40E-21	PROM2	chr2	+	95940201	95957056	4728
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	UNC93B2	chr7	-	6895116	6899461	730
ENSG0000(	24.57347	37.09959	-0.57854	0.18724	0.27328	AK9	chr6	-	1.1E+08	1.1E+08	6326
ENSG0000(	668.4889	408.2938	0.71089	1.37E-08	5.74E-08	KLF10	chr8	-	1.04E+08	1.04E+08	3659
ENSG0000(	29.76384	58.96447	-0.98463	0.003268	0.007492	PTPRN2	chr7	-	1.57E+08	1.58E+08	4723
ENSG0000(	1967.389	4079.975	-1.05	2.49E-10	1.20E-09	AZIN1	chr8	-	1.04E+08	1.04E+08	4721
ENSG0000(	458.4921	522.7548	-0.1881	0.40568	0.51049	ATP6V1C1	chr8	+	1.04E+08	1.04E+08	5612
ENSG0000(	183.2731	182.5049	0.006154	0.97245	0.98479	TMEM55A	chr8	-	92006024	92053292	2970
ENSG0000(	243.5014	279.9633	-0.19896	0.55349	0.65287	OTUD6B	chr8	+	92082424	92099323	3298
ENSG0000(	768.4462	168.9737	2.1706	3.49E-14	2.17E-13	CDK19	chr6	-	1.11E+08	1.11E+08	6246
ENSG0000(	844.2378	642.9982	0.39229	0.033711	0.062996	GTF3C6	chr6	+	1.11E+08	1.11E+08	952
ENSG0000(	15605.82	5703.029	1.4502	3.06E-28	3.66E-27	MARCKS	chr6	+	1.14E+08	1.14E+08	4273
ENSG0000(	76.96359	135.9414	-0.82026	0.000434	0.001138	TTC39B	chr9	-	15170843	15307358	3260
ENSG0000(	614.1147	1133.193	-0.88243	5.09E-09	2.21E-08	AGPAT5	chr8	+	6565878	6617184	3682
ENSG0000(	1285.44	1985.052	-0.626	6.51E-07	2.37E-06	MMS19	chr10	-	99218081	99258551	3797
ENSG0000(	565.7299	530.1445	0.093934	0.43345	0.53886	PI4K2A	chr10	+	99344131	99436191	4189
ENSG0000(	4250.294	989.5308	2.1008	7.61E-85	3.47E-83	MARVELD1	chr10	+	99472930	99477907	3219
ENSG0000(	561.4019	502.6596	0.15909	0.33777	0.44147	ZFYVE27	chr10	+	99496878	99520664	3047
ENSG0000(	1.991846	1.370136	0.46339	0.72647	0.79772	GOLGA7B	chr10	+	99609996	99631337	2894
ENSG0000(	0	3.945314	-3.5337	0.014733	0.029886	GPR78	chr4	+	8560452	8621486	4944
ENSG0000(	181.9571	247.2507	-0.43895	0.007296	0.015726	TRMT44	chr4	+	8437867	8495258	4157
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-195B	chr9	+	67968793	67987998	1017
ENSG0000(	372.2356	206.2301	0.84948	6.77E-09	2.91E-08	SLC25A28	chr10	-	1.01E+08	1.01E+08	1448
ENSG0000(	1517.852	461.5454	1.7137	7.42E-18	5.66E-17	HSPA13	chr21	-	15743436	15755805	3986

ENSG0000(	1.338465	1.995719	-0.50035	0.68752	0.76705	SAMSN1	chr21	-	15857549	15955723	2185
ENSG0000(	346.4848	630.2648	-0.86238	1.39E-10	6.81E-10	USP25	chr21	+	17102344	17252377	5216
ENSG0000(	473.0466	161.7247	1.5408	9.29E-10	4.30E-09	GRAMD3	chr5	+	1.26E+08	1.26E+08	3175
ENSG0000(	189.3722	248.9292	-0.39163	0.046701	0.083845	ZCCHC10	chr5	-	1.32E+08	1.32E+08	2178
ENSG0000(	245.2395	381.9226	-0.63939	0.000264	0.000713	C16orf87	chr16	-	46830519	46865323	6640
ENSG0000(	1157.214	1351.432	-0.22392	0.04004	0.073463	MOV10	chr1	+	1.13E+08	1.13E+08	4689
ENSG0000(	2680.397	501.6704	2.4145	9.43E-116	6.80E-114	RHOC	chr1	-	1.13E+08	1.13E+08	2199
ENSG0000(	90.27025	254.1731	-1.4841	3.31E-08	1.34E-07	PPM1J	chr1	-	1.13E+08	1.13E+08	2474
ENSG0000(	1572.299	977.2841	0.68542	2.20E-05	6.78E-05	DBI	chr2	+	1.2E+08	1.2E+08	842
ENSG0000(	1543.448	5637.729	-1.8655	2.03E-34	3.03E-33	SLC16A1	chr1	-	1.13E+08	1.13E+08	4374
ENSG0000(	295.5464	300.7846	-0.02402	0.88179	0.9177	HEATR3	chr16	+	50099852	50140298	3560
ENSG0000(	3.693391	2.635871	0.43545	0.65762	0.74209	TRIM74	chr7	-	72430016	72439997	1350
ENSG0000(	270.7754	530.7112	-0.96882	1.04E-06	3.72E-06	MKI67IP	chr2	-	1.22E+08	1.22E+08	1734
ENSG0000(	1380.552	1650.75	-0.25732	0.01438	0.029234	OXA1L	chr14	+	23235731	23241007	1750
ENSG0000(	40.93733	72.83493	-0.83321	0.007764	0.016645	SLC7A7	chr14	-	23242431	23299029	3017
ENSG0000(	7500.754	9934.326	-0.4051	1.05E-05	3.35E-05	LARP1	chr5	+	1.54E+08	1.54E+08	6595
ENSG0000(	819.1274	782.0263	0.066982	0.72651	0.79772	CNOT8	chr5	+	1.54E+08	1.54E+08	2708
ENSG0000(	51.21856	2.711133	4.1371	6.25E-12	3.36E-11	GRIA1	chr5	+	1.53E+08	1.53E+08	5708
ENSG0000(	4.524033	44.3606	-3.2458	2.91E-08	1.19E-07	LRGUK	chr7	+	1.34E+08	1.34E+08	3163
ENSG0000(	63.49679	85.10942	-0.41896	0.1079	0.17217	SETD9	chr5	+	56205087	56221359	1619
ENSG0000(	477.7698	366.6714	0.38132	0.055829	0.09793	MIER3	chr5	-	56215429	56267502	5240
ENSG0000(	1844.049	4378.861	-1.2465	5.70E-30	7.26E-29	NUP205	chr7	+	1.35E+08	1.35E+08	6266
ENSG0000(	213.9386	315.1731	-0.5595	0.002766	0.006413	ZKSCAN2	chr16	-	25247322	25269252	7523
ENSG0000(	113.0951	134.7733	-0.25133	0.25548	0.3528	C9orf85	chr9	+	74526426	74600970	3321
ENSG0000(	17.29377	56.67906	-1.6988	3.41E-05	0.000103	PIK3AP1	chr10	-	98353069	98480271	4803
ENSG0000(	133.0128	91.17171	0.54508	0.039418	0.072468	RBM45	chr2	+	1.79E+08	1.79E+08	1992
ENSG0000(	126.724	101.4676	0.32347	0.1904	0.27711	C10orf12	chr10	+	98741041	98745582	4542
ENSG0000(	136.3429	125.2324	0.12522	0.63183	0.72096	TTN	chr2	-	1.79E+08	1.8E+08	109224
ENSG0000(	0.342542	0	0.4146	0.81455	NA	VSIG4	chrX	-	65241580	65259967	2190
ENSG0000(	10327.17	7673.169	0.42834	9.94E-08	3.88E-07	PDIA4	chr7	-	1.49E+08	1.49E+08	2903
ENSG0000(	89.29649	153.523	-0.77756	0.002985	0.006883	KDM8	chr16	+	27214807	27233089	2458
ENSG0000(	0.705622	2.38498	-1.4471	0.30024	0.4018	PDZD9	chr16	-	21995186	22012433	1331
ENSG0000(	0	2.711133	-2.9254	0.060083	0.10456	OTOA	chr16	+	21689835	21772050	4635
ENSG0000(	273.3281	119.0401	1.1919	5.93E-06	1.96E-05	KCTD18	chr2	-	2.01E+08	2.01E+08	2940
ENSG0000(	124.3773	69.90837	0.82613	0.002931	0.006765	FAM126B	chr2	-	2.02E+08	2.02E+08	4778
ENSG0000(	7.343101	1.012429	2.5585	0.021375	0.041904	ALS2CR12	chr2	-	2.02E+08	2.02E+08	2075
ENSG0000(	2.354926	0.715414	1.3929	0.33335	0.43665	ALS2CR11	chr2	-	2.02E+08	2.02E+08	5512
ENSG0000(	850.1547	467.9244	0.85981	8.13E-06	2.64E-05	TMEM237	chr2	-	2.02E+08	2.03E+08	5592
ENSG0000(	1598.15	2058.471	-0.36435	0.005005	0.011149	FZD7	chr2	+	2.03E+08	2.03E+08	3851
ENSG0000(	39.81378	18.27305	1.1137	0.003488	0.007959	SPAG17	chr1	-	1.18E+08	1.19E+08	6924
ENSG0000(	5.975539	47.80426	-2.9544	9.47E-10	4.38E-09	DEPTOR	chr8	+	1.21E+08	1.21E+08	2569
ENSG0000(	123.646	60.36436	1.0332	0.000118	0.000334	FMN2	chr1	+	2.4E+08	2.41E+08	6434
ENSG0000(	1014.121	988.6568	0.037411	0.77792	0.84046	RNF20	chr9	+	1.04E+08	1.04E+08	3936
ENSG0000(	145.7295	409.9142	-1.4919	2.06E-18	1.60E-17	PPARGC1B	chr5	+	1.49E+08	1.49E+08	10568
ENSG0000(	212.1573	295.7268	-0.47977	0.002541	0.005919	ELMO1	chr7	-	36893961	37488852	4022
ENSG0000(	701.4858	286.6952	1.2881	2.23E-14	1.41E-13	SLC26A2	chr5	+	1.49E+08	1.49E+08	8080
ENSG0000(	313.6688	194.1808	0.68648	0.01365	0.027892	LSM11	chr5	+	1.57E+08	1.57E+08	6584
ENSG0000(	140.4199	131.3468	0.094978	0.67422	0.75593	MED7	chr5	-	1.57E+08	1.57E+08	2402
ENSG0000(	1.370168	0.594029	0.69531	0.69069	0.76943	FAM154A	chr9	-	18927656	19033251	2099
ENSG0000(	1658.673	726.2538	1.1903	2.23E-17	1.66E-16	RRAGA	chr9	+	19049372	19051019	1648
ENSG0000(	0	51.5714	-7.2515	7.32E-11	3.66E-10	SLC24A2	chr9	-	19515978	19786926	2221
ENSG0000(	339.5593	407.4466	-0.2628	0.079567	0.13287	ACPL2	chr3	+	1.41E+08	1.41E+08	4158
ENSG0000(	92.8471	81.90624	0.18089	0.43495	0.54047	ADCY8	chr8	-	1.32E+08	1.32E+08	5938
ENSG0000(	278.3343	271.9936	0.031806	0.88473	0.91958	RASA2	chr3	+	1.41E+08	1.41E+08	5614
ENSG0000(	230.693	197.5251	0.22568	0.18739	0.27341	RMND1	chr6	-	1.52E+08	1.52E+08	1854
ENSG0000(	36.44337	19.48206	0.87865	0.16448	0.24534	SLA	chr8	-	1.34E+08	1.34E+08	3447
ENSG0000(	72.84713	53.11239	0.44713	0.10819	0.17257	TMBIM4	chr12	-	66517709	66563852	2952
ENSG0000(	814.5149	739.2819	0.1408	0.26203	0.36017	VBP1	chrX	+	1.54E+08	1.54E+08	1686
ENSG0000(	11.47235	126.8952	-3.4238	3.36E-18	2.60E-17	RAB39B	chrX	-	1.54E+08	1.54E+08	3505
ENSG0000(	3.350849	5.271743	-0.62393	0.47458	0.57905	CLIC2	chrX	-	1.55E+08	1.55E+08	2655
ENSG0000(	416.6132	184.817	1.1685	2.60E-12	1.43E-11	AFF2	chrX	+	1.48E+08	1.48E+08	13746
ENSG0000(	108.1987	50.46257	1.0935	0.004349	0.009773	MICU3	chr8	+	16884747	16980153	3992
ENSG0000(	56.70275	168.5187	-1.5563	2.16E-08	8.92E-08	GRIP1	chr12	-	66741211	67197966	5216
ENSG0000(	452.0397	363.7093	0.31283	0.058816	0.10265	VPS37A	chr8	+	17104080	17159936	4906
ENSG0000(	80.5388	282.24	-1.8077	7.71E-15	5.01E-14	KIF5A	chr12	+	57943781	57980415	5824

ENSG0000(	189.9851	91.35895	1.0491	3.32E-06	1.12E-05	TMEM185A	chrX	-	1.49E+08	1.49E+08	3665
ENSG0000(	2.976604	2.307303	0.31613	0.793	0.85287	NAT2	chr8	+	18248755	18258728	1322
ENSG0000(	0.580602	0.700845	-0.12342	0.94316	NA	MAGEA8	chrX	+	1.49E+08	1.49E+08	2112
ENSG0000(	1794.05	574.7069	1.6399	2.87E-35	4.39E-34	PSD3	chr8	-	18384811	18942240	11693
ENSG0000(	310.5048	521.2936	-0.74792	1.91E-07	7.28E-07	C9orf41	chr9	-	77595936	77643339	4130
ENSG0000(	371.1083	730.1138	-0.97395	9.52E-14	5.74E-13	MCU	chr10	+	74451889	74647452	3224
ENSG0000(	964.5833	450.0378	1.0966	4.00E-11	2.04E-10	ELMSAN1	chr14	-	74181825	74256988	8091
ENSG0000(	3.362014	4.821789	-0.49996	0.59894	0.693	TTC18	chr10	-	75013517	75118617	6686
ENSG0000(	138.6639	600.6663	-2.1069	3.39E-37	5.52E-36	GNA14	chr9	-	80037995	80263223	2482
ENSG0000(	105.9301	9.041428	3.5225	3.74E-21	3.32E-20	FAM161B	chr14	-	74398204	74417117	4078
ENSG0000(	1769.757	1267.102	0.48113	7.02E-05	0.000204	GNAQ	chr9	-	80331003	80646374	6539
ENSG0000(	6.825904	2.370411	1.4232	0.13657	0.20982	WIF1	chr12	-	65444406	65515346	2238
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	UGT2B4	chr4	-	70345883	70391732	2103
ENSG0000(	0.653381	6.503508	-2.8749	0.014852	0.030109	GPR61	chr1	+	1.1E+08	1.1E+08	4921
ENSG0000(	2255.774	226.7457	3.3112	5.57E-114	3.94E-112	MMP16	chr8	-	89044237	89340254	11558
ENSG0000(	247.6973	320.2182	-0.36859	0.016443	0.033035	ADK	chr10	+	75910960	76469061	2083
ENSG0000(	1495.145	45.66038	5.0284	1.90E-175	3.11E-173	KCNMA1	chr10	-	78629359	79398353	11397
ENSG0000(	0.36308	0.654722	-0.52647	0.7643	NA	BATF	chr14	+	75988768	76013358	980
ENSG0000(	285.5377	247.8993	0.20214	0.32778	0.43081	DCK	chr4	+	71858255	71896631	2716
ENSG0000(	597.9054	86.98375	2.7721	3.02E-56	8.05E-55	ADAMTS3	chr4	-	73146686	73434516	5822
ENSG0000(	0	1.545765	-1.8556	0.29195	NA	ALX3	chr1	-	1.11E+08	1.11E+08	1859
ENSG0000(	693.4865	236.7802	1.5454	2.55E-23	2.50E-22	DPY19L4	chr8	+	95731931	95806064	6197
ENSG0000(	114.9288	147.2179	-0.35092	0.10169	0.16367	NDUFAF6	chr8	+	95907995	96128683	2549
ENSG0000(	181.6845	295.5974	-0.7002	0.003414	0.007804	DRAM2	chr1	-	1.12E+08	1.12E+08	2246
ENSG0000(	52.87464	42.99779	0.29808	0.33204	0.43526	C8orf37	chr8	-	96257147	96281429	3334
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	PPEF2	chr4	-	76781020	76823724	4160
ENSG0000(	0	1.280305	-1.6305	0.35731	NA	C15orf26	chr15	+	81299374	81441516	1631
ENSG0000(	230.5741	30.07819	2.9364	2.82E-26	3.10E-25	ADAMTSL3	chr15	+	84322838	84708594	7336
ENSG0000(	0	1.40169	-1.7271	0.32809	NA	ART3	chr4	+	76932337	77033955	1577
ENSG0000(	0	1.545765	-1.8556	0.29195	NA	SLC28A1	chr15	+	85427885	85518876	2750
ENSG0000(	125.6474	92.84806	0.43211	0.091044	0.14921	WHAMM	chr15	+	83478380	83503611	3852
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CXCL13	chr4	+	78432907	78532988	1203
ENSG0000(	126.5902	137.1282	-0.11231	0.70558	0.78117	N6AMT1	chr21	-	30244513	30257693	4865
ENSG0000(	157.5685	26.74797	2.544	3.57E-21	3.18E-20	RWDD2B	chr21	-	30376705	30391699	3094
ENSG0000(	551.6081	428.4531	0.36295	0.1911	0.27794	USP16	chr21	+	30396950	30426809	3835
ENSG0000(	2852.249	4308.357	-0.59383	7.40E-05	0.000214	CCT8	chr21	-	30428126	30446118	2005
ENSG0000(	24.07502	0.297015	5.3417	2.63E-06	9.02E-06	MAP3K7CL	chr21	+	30449792	30548210	2093
ENSG0000(	778.9041	512.3818	0.60335	1.06E-05	3.38E-05	BACH1	chr21	+	30566392	31003071	5769
ENSG0000(	1.649304	35.77329	-4.241	6.25E-09	2.69E-08	TSPAN7	chrX	+	38420623	38548169	1909
ENSG0000(	781.5653	692.9968	0.1733	0.22649	0.3194	TIAM1	chr21	-	32490734	32932290	7200
ENSG0000(	878.8211	1166.998	-0.40797	0.008304	0.017699	SCAF4	chr21	-	33043346	33104388	4193
ENSG0000(	132.0235	111.091	0.24997	0.25428	0.35133	RPGR	chrX	-	38128416	38186817	4767
ENSG0000(	145.5674	59.52044	1.2817	2.88E-06	9.83E-06	CDK20	chr9	-	90581356	90589668	5503
ENSG0000(	170.9771	267.3151	-0.64522	0.000512	0.001327	PCGF6	chr10	-	1.05E+08	1.05E+08	2230
ENSG0000(	749.0182	1057.723	-0.49599	0.042694	0.077585	ANKRD9	chr14	-	1.03E+08	1.03E+08	1645
ENSG0000(	50.07708	122.2409	-1.2838	1.35E-05	4.28E-05	SFR1	chr10	+	1.06E+08	1.06E+08	1583
ENSG0000(	3.931452	35.74824	-3.0909	3.51E-07	1.31E-06	SORCS3	chr10	+	1.06E+08	1.07E+08	5757
ENSG0000(	173.661	215.4962	-0.30826	0.18495	0.27034	SFXN2	chr10	+	1.04E+08	1.04E+08	2568
ENSG0000(	839.2	750.3532	0.16158	0.18391	0.2691	C14orf2	chr14	-	1.04E+08	1.04E+08	1659
ENSG0000(	0	1.355566	-1.9006	0.26573	NA	FUT6	chr19	-	5830621	5839742	3137
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	TDRD9	chr14	+	1.04E+08	1.05E+08	4782
ENSG0000(	263.5372	48.565	2.428	1.74E-21	1.57E-20	FGF18	chr5	+	1.71E+08	1.71E+08	1986
ENSG0000(	197.3961	4136.903	-4.3764	1.74E-181	3.05E-179	PCDH1	chr5	-	1.41E+08	1.41E+08	4530
ENSG0000(	16.78595	17.58919	-0.07375	0.8786	0.91547	SH3RF2	chr5	+	1.45E+08	1.45E+08	5607
ENSG0000(	409.4643	3.696839	6.6899	1.07E-46	2.24E-45	GDF6	chr8	-	97154562	97173020	3697
ENSG0000(	1173.055	1280.709	-0.12556	0.34596	0.45002	UQCRB	chr8	-	97238148	97247862	5575
ENSG0000(	184.8275	197.1571	-0.09299	0.6213	0.71186	MTERFD1	chr8	-	97251626	97273838	1529
ENSG0000(	1111.894	1063.758	0.064256	0.69677	0.77397	PTDSS1	chr8	+	97273943	97349223	5177
ENSG0000(	49.59494	650.0995	-3.6953	1.72E-89	8.54E-88	PPP2R2B	chr5	-	1.46E+08	1.46E+08	3477
ENSG0000(	443.6164	916.375	-1.0441	2.96E-09	1.31E-08	RPL30	chr8	-	99037079	99058697	1129
ENSG0000(	3.266906	0.700845	1.7881	0.21149	0.30186	KCNS2	chr8	+	99439250	99445076	5219
ENSG0000(	106.4732	62.4979	0.75782	0.038729	0.07133	FAM122C	chrX	+	1.34E+08	1.34E+08	2483
ENSG0000(	328.1974	511.0876	-0.638	0.001326	0.003228	SUPV3L1	chr10	+	70939988	70968855	2484
ENSG0000(	357.3492	362.3762	-0.02159	0.90041	0.93109	FAM122B	chrX	-	1.34E+08	1.34E+08	4246
ENSG0000(	126531.6	169159.4	-0.41839	0.000604	0.00155	EEF1A1	chr6	-	74225473	74233520	4441

ENSG0000(	40.33537	3.054271	3.6393	1.18E-09	5.40E-09	FBXO43	chr8	-	1.01E+08	1.01E+08	3082
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	HKDC1	chr10	+	70980059	71027315	3689
ENSG0000(	3135.375	7618.862	-1.2788	5.38E-18	4.12E-17	HK1	chr10	+	71029740	71161638	3992
ENSG0000(	333.658	788.0935	-1.2368	1.35E-11	7.07E-11	TYSND1	chr10	-	71897737	71906432	3644
ENSG0000(	713.4839	821.6124	-0.20299	0.10821	0.17259	PHF6	chrX	+	1.34E+08	1.34E+08	4759
ENSG0000(	1414.192	83.78474	4.0621	4.21E-140	4.18E-138	CD109	chr6	+	74405508	74538040	9401
ENSG0000(	3.112789	24.68928	-2.8546	0.000474	0.001234	LRFN2	chr6	-	40359325	40555204	3270
ENSG0000(	3.008307	643.5328	-7.5479	1.92E-40	3.41E-39	NODAL	chr10	-	72192071	72207707	1665
ENSG0000(	321.0651	771.2335	-1.2617	7.78E-22	7.12E-21	UBE2L6	chr11	-	57319129	57335757	1573
ENSG0000(	1950.86	1730.51	0.17284	0.20052	0.28924	ZDHHC5	chr11	+	57435219	57468659	4666
ENSG0000(	307.845	255.2441	0.26992	0.088955	0.14629	MED19	chr11	-	57471186	57479693	1515
ENSG0000(	1653.404	946.9553	0.80341	3.02E-15	2.01E-14	ZFAND3	chr6	+	37787275	38122400	3366
ENSG0000(	1188.914	1036.6	0.19779	0.16562	0.24666	NPTN	chr15	-	73852355	73926475	2817
ENSG0000(	894.9511	529.7014	0.7561	2.20E-07	8.35E-07	KAT6B	chr10	+	76585340	76792380	8287
ENSG0000(	925.7477	463.885	0.99233	1.57E-05	4.92E-05	SAMD8	chr10	+	76859344	76941881	6782
ENSG0000(	277.324	825.2433	-1.5728	2.03E-26	2.24E-25	RAB11FIP1	chr8	-	37716136	37756985	7811
ENSG0000(	215.4825	413.2739	-0.93841	8.51E-06	2.76E-05	UNC5D	chr8	+	35092975	35654068	8662
ENSG0000(	28.35097	5.332435	2.3574	4.36E-05	0.00013	GLYATL2	chr11	-	58601542	58671688	1636
ENSG0000(	339.9501	369.8527	-0.11958	0.75952	0.82529	UTP14A	chrX	+	1.29E+08	1.29E+08	2488
ENSG0000(	780.3156	1040.068	-0.41375	0.000774	0.001953	AIFM1	chrX	-	1.29E+08	1.29E+08	2260
ENSG0000(	11.67113	205.9332	-4.0885	6.22E-33	8.87E-32	MAPK13	chr6	+	36095586	36107842	2052
ENSG0000(	420.4009	585.9861	-0.47867	0.000586	0.001505	BAG4	chr8	+	38034051	38070819	4453
ENSG0000(	18.70502	0.297015	5.0268	1.04E-05	3.32E-05	IGKV1OR-2	chr9	-	69777099	69777953	350
ENSG0000(	160.5739	257.9836	-0.68283	7.30E-05	0.000211	WDR67	chr8	+	1.24E+08	1.24E+08	3502
ENSG0000(	290.4775	197.7802	0.55282	0.000516	0.001336	WDYHV1	chr8	+	1.24E+08	1.24E+08	1491
ENSG0000(	970.1576	597.2807	0.69789	0.001801	0.004293	ATAD2	chr8	-	1.24E+08	1.24E+08	5565
ENSG0000(	458.8234	21.48355	4.3945	7.21E-67	2.46E-65	FBXO32	chr8	-	1.25E+08	1.25E+08	6744
ENSG0000(	250.9985	195.6874	0.35836	0.024144	0.046759	NSMCE2	chr8	+	1.26E+08	1.26E+08	1195
ENSG0000(	295.7689	525.74	-0.82732	5.34E-09	2.32E-08	ZNF689	chr16	-	30613879	30635333	3547
ENSG0000(	503.6235	241.9891	1.0526	1.59E-07	6.11E-07	PRR14	chr16	+	30662038	30667761	2316
ENSG0000(	2206.782	512.4856	2.0995	1.27E-27	1.48E-26	FBRS	chr16	+	30669752	30682135	5200
ENSG0000(	96.48727	44.75718	1.1077	2.59E-05	7.90E-05	FRRS1	chr1	-	1E+08	1E+08	2706
ENSG0000(	291.2372	336.5758	-0.20724	0.2651	0.36368	PHKG2	chr16	+	30759591	30772490	5532
ENSG0000(	906.7139	769.3384	0.23733	0.040367	0.073962	HIAT1	chr1	+	1.01E+08	1.01E+08	2777
ENSG0000(	102.0756	171.2666	-0.73984	0.005955	0.013063	SASS6	chr1	-	1.01E+08	1.01E+08	3972
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	COX6A2	chr16	-	31439052	31439967	714
ENSG0000(	0.342542	0	0.4146	0.81455	NA	GPR112	chrX	+	1.35E+08	1.36E+08	9931
ENSG0000(	41.52714	1707.177	-5.3466	4.72E-93	2.47E-91	ZIC3	chrX	+	1.37E+08	1.37E+08	3469
ENSG0000(	383.6154	471.5355	-0.29716	0.028993	0.055057	MALSU1	chr7	+	23338358	23351348	3044
ENSG0000(	585.6723	520.2131	0.16974	0.18377	0.26896	VPS8	chr3	+	1.85E+08	1.85E+08	5047
ENSG0000(	155.0282	77.1759	1.0036	4.47E-06	1.49E-05	GALK2	chr15	+	49447853	49660066	3222
ENSG0000(	0	167.491	-8.8238	4.85E-16	3.37E-15	LHFPL4	chr3	-	9543481	9595486	1444
ENSG0000(	57.1197	5539.527	-6.5751	2.27E-213	5.83E-211	B3GNT7	chr2	+	2.32E+08	2.32E+08	3706
ENSG0000(	0.342542	15.67686	-4.7768	3.57E-05	0.000107	MPV17L	chr16	+	15489611	15503458	2153
ENSG0000(	832.7714	2308.903	-1.4689	2.50E-22	2.34E-21	BUB1B	chr15	+	40453224	40513337	3725
ENSG0000(	283.7005	262.3873	0.11188	0.52622	0.628	PDE6D	chr2	-	2.33E+08	2.33E+08	1175
ENSG0000(	3316.74	5581.298	-0.75002	1.79E-10	8.72E-10	EIF4A2	chr3	+	1.87E+08	1.87E+08	5327
ENSG0000(	747.9554	913.8188	-0.28718	0.26592	0.36468	BRPF1	chr3	+	9773413	9789702	4736
ENSG0000(	597.0741	1067.667	-0.8365	9.76E-07	3.49E-06	RPUSD3	chr3	-	9879533	9886286	2491
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	SST	chr3	-	1.87E+08	1.87E+08	618
ENSG0000(	1072.497	815.1294	0.39469	0.057555	0.10063	TATDN2	chr3	+	10289707	10327480	5342
ENSG0000(	9.625248	11.88207	-0.28373	0.64767	0.73382	GHRL	chr3	-	10327359	10334631	1425
ENSG0000(	4709.905	1948.338	1.2727	6.18E-50	1.41E-48	SEC13	chr3	-	10334815	10362862	2374
ENSG0000(	0.632843	2.010288	-1.3036	0.35892	0.46308	FAM92A1P	chr15	+	41455360	41456572	890
ENSG0000(	414.4894	139.1856	1.5731	4.43E-25	4.64E-24	EXOG	chr3	+	38537618	38583652	2792
ENSG0000(	771.4454	350.906	1.1361	8.37E-17	6.06E-16	NTAN1	chr16	-	15131710	15149921	2398
ENSG0000(	0.36308	0	0.4146	0.81455	NA	SHCBP1L	chr1	-	1.83E+08	1.83E+08	2540
ENSG0000(	13.89068	309.8232	-4.4562	9.94E-55	2.54E-53	NMNAT2	chr1	-	1.83E+08	1.83E+08	5663
ENSG0000(	376.4184	474.1162	-0.33039	0.016677	0.033458	ZFYVE9	chr1	+	52608046	52812358	4914
ENSG0000(	2.386629	10.77739	-2.0731	0.013813	0.028202	ATP2B2	chr3	-	10365707	10749716	9101
ENSG0000(	0.653381	4.288452	-2.3159	0.060695	0.10544	SLC6A1	chr3	+	11034410	11080933	4502
ENSG0000(	2422.607	1826.716	0.40699	0.000214	0.000583	SMG1	chr16	-	18816175	18937776	16115
ENSG0000(	397.991	249.3969	0.67535	6.43E-06	2.11E-05	FCHO2	chr5	+	72251808	72386349	4981
ENSG0000(	412.5413	3443.325	-3.0572	5.06E-126	4.31E-124	RBPMS	chr8	+	30241944	30429778	3110
ENSG0000(	45.57856	68.42424	-0.57854	0.091554	0.14994	TMEM171	chr5	+	72416119	72427644	1535

ENSG0000(	0.72616	0	0.85004	0.63064	NA	C8A	chr1	+	57320479	57383894	2356
ENSG0000(	80.90523	91.95654	-0.18055	0.70557	0.78117	TIMP4	chr3	-	12194551	12200851	1650
ENSG0000(	20.52139	141.1184	-2.7674	2.24E-20	1.92E-19	SYN2	chr3	+	12045876	12232900	3897
ENSG0000(	80.65617	30.1341	1.4063	1.36E-06	4.79E-06	NRG1	chr8	+	31496902	32622548	3127
ENSG0000(	285.712	214.1026	0.4162	0.043212	0.078404	C1orf27	chr1	+	1.86E+08	1.86E+08	3823
ENSG0000(	171.9934	306.6595	-0.83465	2.52E-07	9.48E-07	CPT2	chr1	+	53662101	53679869	3094
ENSG0000(	1332.667	564.7303	1.2376	1.05E-27	1.22E-26	NECAP2	chr1	+	16767167	16786573	4619
ENSG0000(	1242.301	884.1859	0.48975	1.49E-06	5.24E-06	LRP8	chr1	-	53711217	53793742	4467
ENSG0000(	1.359003	2.543625	-0.81016	0.51042	0.61375	CDCP2	chr1	-	54598747	54619443	2723
ENSG0000(	259.1863	471.5028	-0.86065	8.15E-08	3.20E-07	PAXIP1	chr7	-	1.55E+08	1.55E+08	5515
ENSG0000(	401.1212	298.4674	0.42351	0.019019	0.037725	STEAP2	chr7	+	89796904	89867451	6873
ENSG0000(	1440.186	3163.804	-1.134	8.17E-22	7.47E-21	SSBP3	chr1	-	54691105	54879152	2913
ENSG0000(	400.9138	513.1485	-0.35595	0.003693	0.008388	CLDN12	chr7	+	90013035	90142716	3587
ENSG0000(	57491.24	3122.782	4.1978	4.22E-296	1.91E-293	MMP14	chr14	+	23305766	23318236	3732
ENSG0000(	3268.538	97.7782	5.0516	3.02E-247	1.01E-244	FZD1	chr7	+	90893783	90898123	4341
ENSG0000(	563.1424	673.5715	-0.25791	0.029249	0.055506	GATAD1	chr7	+	92076767	92088150	3361
ENSG0000(	0	113.639	-8.2617	1.44E-13	8.62E-13	SUSD3	chr9	+	95820989	95847420	1195
ENSG0000(	3.797873	16.94663	-2.0952	0.0037	0.008402	RP11-66N2	chr14	+	23980969	24029987	2524
ENSG0000(	7.667711	7.094248	0.10995	0.88916	0.92285	TMED6	chr16	-	69377151	69385712	938
ENSG0000(	13.32043	1.698704	2.8125	0.000998	0.002475	CLEC18A	chr16	+	69984810	69998141	3194
ENSG0000(	158.4384	91.63723	0.78717	5.85E-05	0.000171	DHRS4	chr14	+	24422795	24438488	1443
ENSG0000(	1.971308	1.40169	0.43614	0.74202	0.81035	CLEC18C	chr16	+	70207225	70221264	3660
ENSG0000(	3.495593	11.15208	-1.5753	0.034596	0.064471	ARMC12	chr6	+	35704809	35716856	1254
ENSG0000(	181.318	262.1514	-0.53171	0.001256	0.003067	DDX19B	chr16	+	70323566	70369186	3386
ENSG0000(	2716.778	1767.307	0.61879	0.000276	0.000742	ST3GAL2	chr16	-	70413338	70473140	5345
ENSG0000(	256.8104	233.8013	0.13522	0.47342	0.57796	FUK	chr16	+	70488324	70514177	4439
ENSG0000(	4.326234	156.6212	-5.1091	1.33E-30	1.73E-29	IL34	chr16	+	70613798	70694585	1779
ENSG0000(	313.3356	214.4217	0.54806	0.000511	0.001325	DHRS1	chr14	-	24759804	24769039	2660
ENSG0000(	54.52834	15.75857	1.7761	4.53E-06	1.51E-05	CACNA1D	chr3	+	53528683	53846490	7721
ENSG0000(	134.11	194.4498	-0.53371	0.036205	0.067151	ARSE	chrX	-	2852699	2886286	2158
ENSG0000(	5.851333	804.512	-7.0832	2.27E-82	9.88E-81	KIT	chr4	+	55524085	55606881	5186
ENSG0000(	2.064625	29.86952	-3.7191	5.88E-07	2.14E-06	HYDIN	chr16	-	70841281	71264625	15719
ENSG0000(	171.0617	246.9572	-0.52945	0.013612	0.027831	AASDH	chr4	-	57204456	57253666	3590
ENSG0000(	15.34479	30.31531	-0.96844	0.042685	0.077574	ZNF19	chr16	-	71498453	71598992	3213
ENSG0000(	12.24138	130.5408	-3.3906	2.88E-25	3.04E-24	CACNA2D3	chr3	+	54156574	55108584	3675
ENSG0000(	525.5267	281.1116	0.90147	1.55E-11	8.12E-11	RNF111	chr15	+	59157374	59389618	5913
ENSG0000(	717.7736	1491.287	-1.0536	7.62E-17	5.53E-16	CCNB2	chr15	+	59397277	59417244	1556
ENSG0000(	6.14082	3.792375	0.63289	0.48273	0.58695	FAM81A	chr15	+	59664892	59815748	3465
ENSG0000(	980.9232	748.1135	0.39109	0.007423	0.01598	MYO1E	chr15	-	59427113	59665099	6193
ENSG0000(	820.0222	705.4111	0.21668	0.049821	0.088677	APPL1	chr3	+	57261765	57307496	6058
ENSG0000(	126.7152	17.83438	2.8107	1.00E-15	6.84E-15	MUM1L1	chrX	+	1.05E+08	1.05E+08	4308
ENSG0000(	123.4964	212.2983	-0.77847	0.001224	0.002995	AFAP1L1	chr5	+	1.49E+08	1.49E+08	4177
ENSG0000(	545.9326	312.7276	0.80354	2.92E-09	1.29E-08	TSC22D3	chrX	-	1.07E+08	1.07E+08	2266
ENSG0000(	714.2736	1011.741	-0.50228	4.84E-06	1.61E-05	DSCR3	chr21	-	38595721	38640262	5648
ENSG0000(	911.7962	926.6652	-0.02297	0.85052	0.89488	DYRK1A	chr21	+	38739236	38887680	6384
ENSG0000(	30.90271	3.650716	2.9828	2.46E-06	8.45E-06	KCNJ6	chr21	-	38996789	39288749	2534
ENSG0000(	46.17554	0	7.1072	1.67E-10	8.13E-10	KCNJ15	chr21	+	39529128	39673748	2914
ENSG0000(	57.57609	30.64958	0.89999	0.006984	0.015127	ERG	chr21	-	39751949	40033704	5034
ENSG0000(	254.6249	1304.289	-2.3493	1.91E-27	2.21E-26	ETS2	chr21	+	40177231	40196879	3936
ENSG0000(	18.76842	1562.502	-6.3743	2.83E-170	4.21E-168	TSPAN18	chr11	+	44748015	44953972	4229
ENSG0000(	18.75384	8.767103	1.0645	0.059646	0.10398	LCA5L	chr21	-	40777770	40817731	2564
ENSG0000(	2356.889	942.9406	1.3208	1.61E-27	1.87E-26	SLC35B2	chr6	-	44221833	44225291	2043
ENSG0000(	533.1021	462.8154	0.20266	0.14608	0.22188	TMEM164	chrX	+	1.09E+08	1.09E+08	5567
ENSG0000(	44.69494	53.22653	-0.25924	0.43978	0.5455	MX1	chr21	+	42792231	42831141	3470
ENSG0000(	3008.26	247.4859	3.586	1.04E-49	2.36E-48	CREB3L1	chr11	+	46299212	46342972	2687
ENSG0000(	388.0881	493.2602	-0.34596	0.1091	0.17375	C2CD2	chr21	-	43305221	43373999	6345
ENSG0000(	424.7996	281.0656	0.59348	1.65E-05	5.15E-05	TAB3	chrX	-	30845559	30993201	7987
ENSG0000(	4203.072	1613.383	1.3788	3.69E-21	3.28E-20	SLC38A10	chr17	-	79218800	79269347	4300
ENSG0000(	3.080272	3.679854	-0.20024	0.84534	0.89157	C9orf43	chr9	+	1.16E+08	1.16E+08	2130
ENSG0000(	6.878145	0.297015	3.6279	0.00464	0.010383	PALM2-AK/	chr9	+	1.13E+08	1.13E+08	7507
ENSG0000(	3146.132	1065.289	1.561	3.40E-49	7.61E-48	ZNF618	chr9	+	1.17E+08	1.17E+08	9109
ENSG0000(	190.3995	5.76782	5.0087	3.32E-35	5.06E-34	DGKI	chr7	-	1.37E+08	1.38E+08	5148
ENSG0000(	193.926	259.2268	-0.41823	0.011957	0.024724	C9orf91	chr9	+	1.17E+08	1.17E+08	4578
ENSG0000(	1.555988	30.7176	-4.0382	6.14E-08	2.44E-07	SVOPL	chr7	-	1.38E+08	1.38E+08	5761
ENSG0000(	32.58551	142.5718	-2.1164	1.60E-14	1.02E-13	SNX22	chr15	+	64443914	64449680	3713

ENSG0000(	441.7951	842.1457	-0.9295	4.99E-11	2.53E-10	UBN2	chr7	+	1.39E+08	1.39E+08	14443
ENSG0000(	221.1551	180.6484	0.291	0.16698	0.24828	BRAF	chr7	-	1.4E+08	1.41E+08	2480
ENSG0000(	1.8154	22.35828	-3.3609	0.000729	0.001846	SLC34A2	chr4	+	25656923	25680370	4122
ENSG0000(	1638.726	46.89215	5.1192	1.40E-172	2.21E-170	ACAN	chr15	+	89346674	89418585	8840
ENSG0000(	170.0992	257.6104	-0.59596	0.000541	0.001395	PSMG3	chr7	-	1606966	1610641	1391
ENSG0000(	1.306762	254.7833	-7.2886	5.22E-27	5.91E-26	CABP1	chr12	+	1.21E+08	1.21E+08	3048
ENSG0000(	430.4046	232.8704	0.88467	1.26E-07	4.90E-07	WDR19	chr4	+	39184024	39287430	4520
ENSG0000(	967.2887	744.4311	0.37799	0.000504	0.001309	SLC37A3	chr7	-	1.4E+08	1.4E+08	3488
ENSG0000(	235.0088	313.2861	-0.41356	0.023148	0.045055	AP3S2	chr15	-	90373831	90437574	5891
ENSG0000(	1912.67	860.1661	1.1499	2.92E-14	1.82E-13	FMNL2	chr2	+	1.53E+08	1.54E+08	5575
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RPS4Y2	chrY	+	22918050	22942918	792
ENSG0000(	492.0492	990.2941	-1.0048	8.81E-06	2.85E-05	GAREML	chr2	+	26395960	26412532	5138
ENSG0000(	624.2597	753.2521	-0.27032	0.03563	0.066217	SPPL3	chr12	-	1.21E+08	1.21E+08	4148
ENSG0000(	3.330311	900.6436	-7.9583	1.89E-69	6.72E-68	DPYSL5	chr2	+	27070615	27173219	5209
ENSG0000(	5.996077	2.725702	1.0643	0.25816	0.35581	DRC1	chr2	+	26624784	26679579	2491
ENSG0000(	191.2749	208.7406	-0.12467	0.53979	0.64036	RAB28	chr4	-	13362978	13485989	1810
ENSG0000(	601.3276	1130.81	-0.91063	3.08E-15	2.05E-14	FAM213B	chr1	+	2517930	2522908	2765
ENSG0000(	1.701545	0.594029	1.0895	0.47458	0.57905	TNFRSF14	chr1	+	2487078	2496821	4255
ENSG0000(	694.4038	595.1648	0.22118	0.2419	0.33703	PANK4	chr1	-	2439972	2458039	2649
ENSG0000(	8.413595	50.8351	-2.539	7.24E-08	2.85E-07	MEGF11	chr15	-	66187417	66546085	6163
ENSG0000(	306.6922	332.6286	-0.11665	0.58592	0.68168	C12orf43	chr12	-	1.21E+08	1.21E+08	2533
ENSG0000(	864.2848	710.3914	0.28225	0.15711	0.23624	PEX10	chr1	-	2336236	2345236	2038
ENSG0000(	1735.707	751.09	1.2065	1.86E-13	1.10E-12	RER1	chr1	+	2323267	2335190	2469
ENSG0000(	99.98726	537.4211	-2.4163	6.59E-23	6.33E-22	RADIL	chr7	-	4836686	4923350	5669
ENSG0000(	3732.51	2882.482	0.37231	0.00035	0.000927	SKI	chr1	+	2160134	2241558	5613
ENSG0000(	1451.882	1558.417	-0.10224	0.27753	0.37781	WIPI2	chr7	+	5229819	5273457	4476
ENSG0000(	468.8212	593.9047	-0.33896	0.012251	0.025279	LDLRAP1	chr1	+	25870071	25895377	4670
ENSG0000(	966.9818	1154.268	-0.25589	0.023801	0.046169	AGAP1	chr2	+	2.36E+08	2.37E+08	6138
ENSG0000(	16.15311	382.9866	-4.5649	2.02E-63	6.35E-62	KRTCAP3	chr2	+	27665233	27669348	956
ENSG0000(	41.26789	25.1391	0.70709	0.043462	0.078817	ANKRD61	chr7	+	6071007	6076017	1257
ENSG0000(	150.9962	235.1324	-0.63478	0.00202	0.004778	PAFAH2	chr1	-	26286258	26324648	3581
ENSG0000(	241.8321	23.02045	3.3526	3.17E-24	3.22E-23	EXTL1	chr1	+	26346375	26362955	4015
ENSG0000(	0.36308	6.473497	-3.0616	0.046549	0.083602	SLC30A2	chr1	-	26363743	26372624	3097
ENSG0000(	152.5775	154.7078	-0.01659	0.93567	0.95758	BRE	chr2	+	28112808	28561768	1852
ENSG0000(	0.36308	2.024857	-1.7472	0.2845	0.38587	TRIM63	chr1	-	26377795	26394927	1770
ENSG0000(	25.12595	36.3592	-0.52251	0.18396	0.26914	WDR66	chr12	+	1.22E+08	1.22E+08	4675
ENSG0000(	1254.656	1042.197	0.26819	0.033259	0.062222	MRPL17	chr11	-	6702013	6704632	1969
ENSG0000(	35.49529	66.19857	-0.88002	0.011632	0.024099	DUSP2	chr2	-	96808905	96811179	1688
ENSG0000(	0.943682	30.13485	-4.6164	6.45E-08	2.56E-07	GRHL3	chr1	+	24645812	24690972	2869
ENSG0000(	257.8047	175.8547	0.55157	0.00301	0.006936	UBXN11	chr1	-	26607819	26644854	2646
ENSG0000(	1.286224	0.357707	1.3361	0.4083	NA	NLRP14	chr11	+	7041677	7092539	3628
ENSG0000(	372.1454	139.7417	1.4101	3.07E-15	2.04E-14	PTPDC1	chr9	+	96793076	96872138	4517
ENSG0000(	52.88678	83.05791	-0.6481	0.010203	0.021414	GALNT14	chr2	-	31133333	31378068	2733
ENSG0000(	215.5228	153.0765	0.49342	0.004753	0.010622	NCK1	chr3	+	1.37E+08	1.37E+08	2403
ENSG0000(	0.632843	7.379983	-3.0651	0.008146	0.017387	HPD	chr12	-	1.22E+08	1.22E+08	1709
ENSG0000(	98.71457	460.0902	-2.2132	5.08E-27	5.76E-26	RHPN1	chr8	+	1.44E+08	1.44E+08	3683
ENSG0000(	531.8182	570.0138	-0.10101	0.40615	0.51096	TPRG1L	chr1	+	3541566	3546691	2414
ENSG0000(	17.82213	8.058137	1.125	0.043883	0.079415	LRRC43	chr12	+	1.23E+08	1.23E+08	2028
ENSG0000(	168.6202	63.10401	1.4055	2.02E-09	9.05E-09	AAED1	chr9	-	99401859	99417585	2863
ENSG0000(	84.40522	46.78366	0.84903	0.010578	0.022121	XDH	chr2	-	31557187	31637581	5688
ENSG0000(	290.8335	360.8677	-0.30945	0.088826	0.14612	XKR8	chr1	+	28285973	28294607	2692
ENSG0000(	281.3096	402.1094	-0.51421	0.001597	0.003834	CNNM4	chr2	+	97426639	97477628	4800
ENSG0000(	635.1776	562.347	0.17504	0.19613	0.28417	EYA3	chr1	-	28296855	28415207	6085
ENSG0000(	388.3058	70.88857	2.4455	1.07E-41	1.96E-40	DZIP1L	chr3	-	1.38E+08	1.38E+08	3493
ENSG0000(	373.8353	440.9951	-0.23855	0.067623	0.11564	TMSB15A	chrX	-	1.02E+08	1.02E+08	685
ENSG0000(	335.7699	203.9204	0.7168	2.41E-06	8.32E-06	FANCC	chr9	-	97861336	98079991	4585
ENSG0000(	1097.151	223.4828	2.2888	2.86E-47	6.03E-46	MRAS	chr3	+	1.38E+08	1.38E+08	4538
ENSG0000(	3393.328	3598.689	-0.08463	0.57193	0.669	WASF2	chr1	-	27730730	27816669	5666
ENSG0000(	111.0999	108.1996	0.032362	0.89257	0.92537	ABHD3	chr18	-	19230858	19284766	2080
ENSG0000(	2.592987	101.4806	-5.1381	1.07E-20	9.30E-20	ESYT3	chr3	+	1.38E+08	1.38E+08	4620
ENSG0000(	74.23621	106.584	-0.51932	0.060622	0.10533	FAIM	chr3	+	1.38E+08	1.38E+08	3161
ENSG0000(	73.25471	2916.912	-5.2983	5.33E-111	3.60E-109	FAM46B	chr1	-	27331511	27339327	2368
ENSG0000(	320.3604	8.671568	5.1652	1.12E-49	2.54E-48	CLSTN2	chr3	+	1.4E+08	1.4E+08	4882
ENSG0000(	84.53024	25.57449	1.7122	4.86E-08	1.95E-07	COLEC12	chr18	-	319361	500722	4719
ENSG0000(	68.84469	80.06595	-0.21852	0.39989	0.50458	RNF207	chr1	+	6265535	6281359	3924

ENSG0000(	1062.546	765.0388	0.47382	1.38E-05	4.35E-05	CUL4B	chrX	-	1.2E+08	1.2E+08	4902
ENSG0000(	1004.682	883.0029	0.18496	0.44838	0.55386	GPR153	chr1	-	6307406	6321035	4082
ENSG0000(	38.19439	255.2502	-2.7262	4.05E-23	3.94E-22	SLC13A3	chr20	-	45186463	45304714	4017
ENSG0000(	393.9868	323.0026	0.28497	0.075333	0.12693	GPRASP2	chrX	+	1.02E+08	1.02E+08	4729
ENSG0000(	8.725248	0.98329	2.8304	0.006406	0.013973	RHBDL2	chr1	-	39351479	39407471	2129
ENSG0000(	2167.884	1274.187	0.76362	0.000944	0.002352	AUTS2	chr7	+	69063905	70258054	6173
ENSG0000(	1030.919	108.1533	3.246	9.24E-118	6.90E-116	SHROOM4	chrX	-	50334647	50557302	9556
ENSG0000(	125.0932	72.64602	0.77502	0.076783	0.12903	HIST1H2BD	chr6	+	26158349	26171577	789
ENSG0000(	222.5028	378.7383	-0.76631	3.21E-06	1.09E-05	CDC25C	chr5	-	1.38E+08	1.38E+08	2128
ENSG0000(	26.02758	32.44208	-0.30877	0.56671	0.66443	HIST1H4H	chr6	-	26281283	26285762	1034
ENSG0000(	220.8177	238.1349	-0.10964	0.53346	0.63436	MITD1	chr2	-	99777890	99797521	3270
ENSG0000(	2518.693	3534.941	-0.48738	0.012878	0.026469	EIF5B	chr2	+	99953816	1E+08	4716
ENSG0000(	8.413595	18.18893	-1.077	0.068431	0.11681	RIBC1	chrX	+	53449639	53458059	1949
ENSG0000(	241.178	116.8848	1.0442	1.75E-09	7.92E-09	TMSB15B	chrX	+	1.03E+08	1.03E+08	2279
ENSG0000(	0	1.545765	-1.8556	0.29195	NA	C2orf62	chr2	+	2.19E+08	2.19E+08	2383
ENSG0000(	944.2721	1251.93	-0.40641	0.002223	0.005218	CNOT11	chr2	+	1.02E+08	1.02E+08	2599
ENSG0000(	0.653381	46.8906	-5.6113	5.10E-09	2.21E-08	KCNB1	chr20	-	47984946	48099184	7318
ENSG0000(	17.73819	289.3221	-4.0025	7.79E-48	1.68E-46	TSPAN33	chr7	+	1.29E+08	1.29E+08	1883
ENSG0000(	3.028032	2.765378	0.11256	0.92928	0.95316	NRG2	chr5	-	1.39E+08	1.39E+08	3723
ENSG0000(	296.966	669.95	-1.1703	1.09E-08	4.59E-08	AHCYL2	chr7	+	1.29E+08	1.29E+08	5056
ENSG0000(	2070.243	2261.894	-0.1281	0.17923	0.26329	B4GALT5	chr20	-	48249482	48330415	4722
ENSG0000(	3.101624	87.84748	-4.7219	9.14E-15	5.91E-14	CD1D	chr1	+	1.58E+08	1.58E+08	2253
ENSG0000(	275.6272	426.4972	-0.62572	0.00013	0.000365	SPATA2	chr20	-	48519928	48532080	4138
ENSG0000(	1.027626	0	1.1491	0.51623	NA	CD1C	chr1	+	1.58E+08	1.58E+08	1435
ENSG0000(	2.366091	0.297015	2.0628	0.18261	0.26753	SNX29P1	chr16	+	21391313	21403412	1209
ENSG0000(	40.13676	104.5608	-1.3684	2.70E-06	9.24E-06	FAM86C1	chr11	+	71498556	71512282	2110
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CD1B	chr1	-	1.58E+08	1.58E+08	1395
ENSG0000(	4.750114	36.96048	-2.8538	2.63E-07	9.89E-07	DNAH3	chr16	-	20944433	21170762	12394
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CD1E	chr1	+	1.58E+08	1.58E+08	1820
ENSG0000(	10.96371	4.709268	1.1761	0.12103	0.19016	CPA2	chr7	+	1.3E+08	1.3E+08	1366
ENSG0000(	5.632997	3.025133	0.8413	0.35145	0.45577	NCF1	chr7	+	74188309	74203659	2354
ENSG0000(	9.056625	0	4.7838	0.00018	0.000498	CPA5	chr7	+	1.3E+08	1.3E+08	2573
ENSG0000(	887.3252	887.1508	0.000861	0.99594	0.99774	TSR2	chrX	+	54466834	54471920	1534
ENSG0000(	123.403	292.9589	-1.2395	2.41E-12	1.33E-11	PPP1R9A	chr7	+	94536514	94925727	10219
ENSG0000(	1603.836	2189.631	-0.44913	8.29E-05	0.000239	ZC3H18	chr16	+	88636789	88698374	4654
ENSG0000(	282.2499	204.8091	0.45867	0.006476	0.014109	ZFAND2B	chr2	+	2.2E+08	2.2E+08	2021
ENSG0000(	0.580602	0	0.8036	0.6494	NA	POM121L2	chr6	-	27253682	27279949	3108
ENSG0000(	452.3622	151.4692	1.5747	3.67E-20	3.11E-19	GDPD5	chr11	-	75145685	75236948	4150
ENSG0000(	95.55296	29.54485	1.6898	1.02E-06	3.63E-06	DYNC1I1	chr7	+	95401866	95739634	2950
ENSG0000(	5.612459	6.413677	-0.19802	0.79786	0.85677	PFKFB1	chrX	-	54959394	55024967	1929
ENSG0000(	0.36308	3.556053	-2.6256	0.068851	0.1174	ALAS2	chrX	-	55035488	55057497	2027
ENSG0000(	1207.836	982.8314	0.29651	0.040556	0.074247	TMED4	chr7	-	44617493	44621886	2322
ENSG0000(	894.4739	1099.094	-0.29712	0.013348	0.027351	PPP1R15B	chr1	-	2.04E+08	2.04E+08	5227
ENSG0000(	249.8808	334.1523	-0.42022	0.022248	0.043456	COPG2	chr7	-	1.3E+08	1.3E+08	895
ENSG0000(	616.4435	390.1626	0.65845	6.68E-06	2.19E-05	C11orf30	chr11	+	76155967	76264069	6848
ENSG0000(	1055.982	754.9104	0.48416	9.41E-06	3.03E-05	AGPAT6	chr8	+	41434706	41482520	6298
ENSG0000(	5.71694	3.78667	0.56133	0.54582	0.64597	PKD1L1	chr7	-	47814250	47988088	9092
ENSG0000(	150.0565	167.8959	-0.15882	0.52581	0.62768	ZSCAN12	chr6	-	28346732	28367511	5495
ENSG0000(	6643.172	1169.559	2.4996	3.24E-43	6.22E-42	TAGLN2	chr1	-	1.6E+08	1.6E+08	1604
ENSG0000(	1307.65	693.3406	0.91133	4.48E-05	0.000133	ELK4	chr1	-	2.06E+08	2.06E+08	10239
ENSG0000(	4.378475	0	3.6655	0.010694	0.022333	SLAMF8	chr1	+	1.6E+08	1.6E+08	2996
ENSG0000(	371.5951	418.5896	-0.17208	0.4591	0.56438	SLC45A3	chr1	-	2.06E+08	2.06E+08	3341
ENSG0000(	260.0148	370.5694	-0.51019	0.001006	0.002493	DUSP23	chr1	+	1.6E+08	1.6E+08	756
ENSG0000(	461.894	427.6187	0.11017	0.55505	0.65431	RNF166	chr16	-	88762903	88772829	2419
ENSG0000(	188.727	63.59861	1.5494	5.89E-07	2.15E-06	NBL1	chr1	+	19967048	19984945	2172
ENSG0000(	0.653381	15.61133	-4.0981	9.29E-05	0.000266	HTR6	chr1	+	19991780	20006055	1984
ENSG0000(	0	50.78972	-7.2459	5.91E-11	2.98E-10	ITLN2	chr1	-	1.61E+08	1.61E+08	1151
ENSG0000(	0.290301	2936.722	-11.875	7.04E-41	1.26E-39	F11R	chr1	-	1.61E+08	1.61E+08	4835
ENSG0000(	566.5942	791.5907	-0.48109	0.000729	0.001846	USF1	chr1	-	1.61E+08	1.61E+08	1807
ENSG0000(	332.5312	254.9078	0.38245	0.055523	0.097419	SPATA2L	chr16	-	89762751	89768113	2335
ENSG0000(	291.2618	340.6742	-0.22446	0.21679	0.30808	NIT1	chr1	+	1.61E+08	1.61E+08	2081
ENSG0000(	240.0047	206.2356	0.21701	0.20632	0.29595	DEDD	chr1	-	1.61E+08	1.61E+08	2452
ENSG0000(	258.9148	91.43897	1.4916	2.54E-11	1.31E-10	ZNF276	chr16	+	89786808	89807311	4589
ENSG0000(	2.282147	37.49052	-3.8805	4.08E-09	1.79E-08	NPM2	chr8	+	21881636	21894408	1874
ENSG0000(	10.71449	145.4853	-3.7139	3.21E-26	3.52E-25	EDA	chrX	+	68835911	69259319	5278

ENSG0000(	1.991846	16.8341	-2.9233	0.000181	0.0005	FGF17	chr8	+	21899909	21906320	2578
ENSG0000(	0	24.04658	-6.2157	6.48E-08	2.57E-07	VWA5B1	chr1	+	20617412	20681387	4397
ENSG0000(	162.2636	330.8196	-1.0239	1.61E-07	6.18E-07	CDA	chr1	+	20915441	20945401	963
ENSG0000(	478.4073	587.1716	-0.29575	0.128	0.19906	PINK1	chr1	+	20959948	20978004	3821
ENSG0000(	818.5483	641.2096	0.35257	0.005499	0.012146	B4GALT3	chr1	-	1.61E+08	1.61E+08	3178
ENSG0000(	31.0389	93.80275	-1.583	3.61E-07	1.34E-06	EPB49	chr8	+	21906506	21940038	2772
ENSG0000(	1204.45	82.43569	3.8461	3.33E-48	7.25E-47	ADAMTS4	chr1	-	1.61E+08	1.61E+08	4333
ENSG0000(	898.3507	426.8441	1.0713	6.31E-13	3.63E-12	FAM160B2	chr8	+	21946670	21962409	4245
ENSG0000(	1448.871	1711.267	-0.2397	0.11438	0.18124	NDUFS2	chr1	+	1.61E+08	1.61E+08	2064
ENSG0000(	0.342542	2.010288	-1.8748	0.22334	0.31569	SLC5A11	chr16	+	24857162	24922949	2745
ENSG0000(	11.09052	2.817949	1.8727	0.040049	0.07347	FCER1G	chr1	+	1.61E+08	1.61E+08	591
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	APOA2	chr1	-	1.61E+08	1.61E+08	927
ENSG0000(	186.8217	256.017	-0.45406	0.006382	0.013925	TOMM40L	chr1	+	1.61E+08	1.61E+08	2708
ENSG0000(	11.90658	34.53099	-1.4771	0.005884	0.012918	MPZ	chr1	-	1.61E+08	1.61E+08	1955
ENSG0000(	0.685084	4.675298	-2.3313	0.074037	0.12511	WFDC8	chr20	-	44179792	44207965	1268
ENSG0000(	2092.164	2665.188	-0.34856	0.012199	0.025188	KIAA1967	chr8	+	22462145	22479027	4853
ENSG0000(	0	6.817508	-4.3703	0.001009	0.002499	WNT9B	chr17	+	44910567	44964096	2654
ENSG0000(	578.6119	1011.833	-0.80311	0.00012	0.000338	CACHD1	chr1	+	64936428	65158741	5547
ENSG0000(	425.3805	515.1395	-0.27671	0.06642	0.11389	CDC42SE2	chr5	+	1.31E+08	1.31E+08	4352
ENSG0000(	48.9647	71.25756	-0.53654	0.041881	0.076307	RAPGEF6	chr5	-	1.31E+08	1.31E+08	8357
ENSG0000(	597.2919	1616.868	-1.4355	1.67E-28	2.01E-27	EPB41	chr1	+	29213603	29446553	5930
ENSG0000(	335.4524	985.3366	-1.552	1.39E-33	2.02E-32	MIS18A	chr21	-	33640530	33651380	1575
ENSG0000(	449.1781	506.4906	-0.17235	0.35414	0.45829	ALG8	chr11	-	77811982	77850706	1677
ENSG0000(	2182.98	1407.121	0.63272	1.18E-08	4.96E-08	FBXW5	chr9	-	1.4E+08	1.4E+08	2392
ENSG0000(	54.89737	179.0378	-1.6986	5.57E-13	3.22E-12	C21orf59	chr21	-	33964389	33985176	2503
ENSG0000(	191.2817	67.30331	1.4996	1.26E-09	5.74E-09	SYNJ1	chr21	-	34001069	34100359	7094
ENSG0000(	599.6109	760.8039	-0.34389	0.003352	0.00767	PAXBP1	chr21	-	34106210	34144169	3995
ENSG0000(	157.1892	88.37511	0.82506	0.004012	0.009058	IFNAR2	chr21	+	34602206	34637980	4284
ENSG0000(	554.137	1318.115	-1.2475	3.35E-20	2.85E-19	MRPL10	chr17	-	45900638	45908900	2013
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	DMRTC1	chrX	-	72091859	72163653	1524
ENSG0000(	767.3042	325.3781	1.2321	8.18E-08	3.21E-07	IFNGR2	chr21	+	34775202	34851655	2221
ENSG0000(	1250.574	2596.868	-1.0528	4.65E-24	4.67E-23	GART	chr21	-	34876238	34915797	3571
ENSG0000(	6057.035	5429.843	0.15764	0.097679	0.1583	SON	chr21	+	34914924	34949812	8813
ENSG0000(	253.9228	286.4337	-0.17584	0.26822	0.36705	DONSON	chr21	-	34947783	34961014	2332
ENSG0000(	1725.929	1135.034	0.60489	1.50E-07	5.76E-07	SV2A	chr1	-	1.5E+08	1.5E+08	4416
ENSG0000(	0	335.2726	-9.73	2.63E-19	2.13E-18	LAD1	chr1	-	2.01E+08	2.01E+08	2906
ENSG0000(	419.4803	411.2798	0.029118	0.91998	0.94624	STC1	chr8	-	23699428	23712320	3883
ENSG0000(	47.7881	26.83056	0.82894	0.033425	0.062508	TNNI1	chr1	-	2.01E+08	2.01E+08	5413
ENSG0000(	28.33026	40.06087	-0.49527	0.15036	0.22756	CSRP1	chr1	-	2.01E+08	2.01E+08	8475
ENSG0000(	44.75395	265.1289	-2.5653	6.45E-29	7.88E-28	PRAC	chr17	-	46799084	46799884	383
ENSG0000(	207.2566	104.3755	0.98716	6.24E-08	2.47E-07	HOXB13	chr17	-	46802125	46806540	3467
ENSG0000(	1.317927	1.638012	-0.25975	0.84991	0.89459	KCNE2	chr21	+	35736323	35743440	803
ENSG0000(	913.708	1179.159	-0.36695	0.004128	0.009305	ATP5G1	chr17	+	46970127	46973233	2214
ENSG0000(	697.596	125.4155	2.4712	5.07E-51	1.19E-49	RCAN1	chr21	-	35885440	35987441	2816
ENSG0000(	3075.433	1701.585	0.85297	8.04E-10	3.74E-09	UBE2Z	chr17	+	46985731	47006418	4250
ENSG0000(	32.01168	75.65699	-1.2271	0.000385	0.001014	C1orf51	chr1	+	1.5E+08	1.5E+08	1803
ENSG0000(	376.4693	323.205	0.21765	0.22885	0.32199	SNF8	chr17	-	47006678	47022479	2319
ENSG0000(	2.354926	108.3608	-5.3482	3.10E-16	2.17E-15	CLIC6	chr21	+	36041688	36090525	3860
ENSG0000(	73.34314	136.6049	-0.88743	0.002378	0.005559	CCDC24	chr1	+	44457031	44462200	2654
ENSG0000(	3823.85	31.0753	6.9246	5.46E-306	2.61E-303	RUNX1	chr21	-	36160098	37357047	7274
ENSG0000(	2581.312	9206.339	-1.8328	1.07E-61	3.24E-60	IGF2BP1	chr17	+	47074774	47133012	8274
ENSG0000(	0.653381	3.619162	-2.0731	0.10708	0.17109	GIP	chr17	-	47035916	47045958	716
ENSG0000(	172.8884	1083.04	-2.6383	1.99E-41	3.61E-40	CBR1	chr21	+	37442239	37445464	1924
ENSG0000(	93.83023	223.3655	-1.2443	6.41E-09	2.76E-08	CBR3	chr21	+	37507210	37518864	1169
ENSG0000(	80.38396	62.6824	0.35649	0.3208	0.42362	C2orf81	chr2	-	74641304	74648718	2407
ENSG0000(	0.36308	53.67407	-6.4749	4.87E-10	2.30E-09	TUBBP5	chr9	+	1.41E+08	1.41E+08	1735
ENSG0000(	0.290301	1.326428	-1.262	0.45814	NA	GJD2	chr15	-	35043233	35047166	2889
ENSG0000(	0.580602	110.3584	-6.843	9.37E-15	6.05E-14	ACTC1	chr15	-	35080297	35088340	4106
ENSG0000(	362.3851	235.519	0.62295	0.000385	0.001014	MORC3	chr21	+	37692487	37758446	4246
ENSG0000(	309.6968	529.9089	-0.77213	1.22E-07	4.74E-07	CHAF1B	chr21	+	37757676	37789125	2292
ENSG0000(	11.00479	0.594029	3.6109	0.001313	0.003198	CLDN14	chr21	-	37832919	37948867	1942
ENSG0000(	128.4366	3.428963	5.1542	1.29E-23	1.28E-22	SIM2	chr21	+	38071433	38122218	4442
ENSG0000(	416.4573	199.6051	1.0612	2.06E-13	1.22E-12	HLCS	chr21	-	38123493	38362536	6466
ENSG0000(	0	53.87172	-7.1451	2.67E-09	1.19E-08	GOLGA6A	chr15	-	74362198	74374891	3176
ENSG0000(	0.290301	73.60857	-6.9141	1.26E-11	6.62E-11	SCUBE1	chr22	-	43599229	43739394	3868

ENSG0000(	43.06113	266.2144	-2.6106	2.78E-25	2.94E-24	ARHGAP27	chr17	-	43471275	43511787	4754
ENSG0000(	927.4655	474.6451	0.96167	0.00036	0.000952	ADPGK	chr15	-	73043710	73078187	4576
ENSG0000(	9401.895	3539.247	1.4074	1.54E-27	1.79E-26	PTMS	chr12	+	6874682	6880116	1139
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	PLA2G4D	chr15	-	42359207	42386752	3584
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	PADI4	chr1	+	17634690	17690499	2267
ENSG0000(	1248.47	1228.202	0.023912	0.83277	0.88216	ADIPOR1	chr1	-	2.03E+08	2.03E+08	2177
ENSG0000(	281.2515	188.8835	0.5768	0.001761	0.004205	CYB5R1	chr1	-	2.03E+08	2.03E+08	3033
ENSG0000(	2320.523	2559.25	-0.14101	0.22029	0.31218	PSMD4	chr1	+	1.51E+08	1.51E+08	1350
ENSG0000(	4203.998	2601.164	0.6913	4.17E-06	1.40E-05	ATP13A2	chr1	-	17312453	17338423	3981
ENSG0000(	59.26566	98.45414	-0.72305	0.072185	0.12234	M1AP	chr2	-	74785010	74875465	2543
ENSG0000(	2985.647	3549.471	-0.24917	0.034379	0.064111	PSMB4	chr1	+	1.51E+08	1.51E+08	2067
ENSG0000(	4.700479	7.639738	-0.67182	0.39722	0.50174	IRX6	chr16	+	55357672	55364672	3128
ENSG0000(	100.8737	140.7457	-0.45187	0.59208	0.68695	BTG2	chr1	+	2.03E+08	2.03E+08	2712
ENSG0000(	1176.044	2388.009	-1.0187	6.21E-08	2.46E-07	HK2	chr2	+	75061108	75120486	5772
ENSG0000(	86.0595	80.65998	0.092267	0.71009	0.78467	C1R	chr12	-	7187513	7245203	2112
ENSG0000(	0	3.198346	-3.1449	0.041263	0.075338	CELF3	chr1	-	1.52E+08	1.52E+08	3246
ENSG0000(	86.61712	395.2418	-2.1787	8.29E-29	1.01E-27	ALDH4A1	chr1	-	19197926	19229275	3363
ENSG0000(	800.9087	171.6022	2.2115	1.15E-19	9.57E-19	STARD9	chr15	+	42867857	43013179	15567
ENSG0000(	90.46128	159.3476	-0.81341	3.28E-05	9.88E-05	THEM4	chr1	-	1.52E+08	1.52E+08	2406
ENSG0000(	1.306762	9.328705	-2.5373	0.018142	0.036132	TCHH	chr1	-	1.52E+08	1.52E+08	6900
ENSG0000(	779.0516	346.6911	1.1678	3.09E-22	2.87E-21	UBR1	chr15	-	43235095	43398311	7761
ENSG0000(	1128.802	725.7179	0.63511	4.67E-05	0.000138	AMFR	chr16	-	56395364	56459450	3600
ENSG0000(	631.8714	143.8163	2.1295	1.72E-25	1.83E-24	MED8	chr1	-	43849588	43855479	1924
ENSG0000(	32.21045	17.2995	0.88158	0.096261	0.15642	RGL4	chr22	+	24030323	24041363	3779
ENSG0000(	5.508791	1.920457	1.3329	0.22027	0.31217	ISL2	chr15	+	76629065	76634817	1881
ENSG0000(	1066.285	378.4485	1.4939	2.91E-34	4.34E-33	RSPRY1	chr16	+	57220049	57274387	3586
ENSG0000(	20.52816	26.58691	-0.36123	0.39693	0.50145	CCDC17	chr1	-	46085716	46089729	2988
ENSG0000(	1264.206	1469.653	-0.21687	0.17921	0.26328	GPBP1L1	chr1	-	46092976	46153785	3736
ENSG0000(	652.1328	1234.714	-0.9181	4.23E-07	1.56E-06	NAE1	chr16	-	66836778	66907159	1909
ENSG0000(	192.1824	451.3366	-1.2267	1.27E-11	6.67E-11	TMEM69	chr1	+	46152886	46160115	2439
ENSG0000(	0.705622	97.65769	-6.6893	8.78E-15	5.68E-14	GPR114	chr16	+	57576333	57625593	4768
ENSG0000(	1.597063	1.638012	-0.02308	0.98611	0.99179	CCDC135	chr16	+	57728705	57765717	3041
ENSG0000(	110.4705	68.99322	0.67364	0.003644	0.008289	ACE	chr17	+	61554422	61599205	4858
ENSG0000(	6.741961	11.31476	-0.7004	0.3493	0.45354	TEPP	chr16	+	58010339	58022020	2360
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	UROC1	chr3	-	1.26E+08	1.26E+08	3149
ENSG0000(	1112.268	952.6476	0.22276	0.042242	0.076895	EFCAB14	chr1	-	47124366	47184824	5767
ENSG0000(	686.3177	85.65028	2.9787	4.70E-24	4.72E-23	SPON2	chr4	-	1160720	1202750	1869
ENSG0000(	350.9182	549.58	-0.64458	0.001072	0.002644	CHCHD6	chr3	+	1.26E+08	1.27E+08	1159
ENSG0000(	3799.359	3206.39	0.2445	0.017646	0.035247	CTBP1	chr4	-	1205236	1243741	4250
ENSG0000(	0.580602	1.012429	-0.48451	0.77505	NA	LRRC36	chr16	+	67360701	67419106	2395
ENSG0000(	3.289235	573.8246	-7.3029	7.76E-52	1.87E-50	ANKRD18C	chr9	-	99918852	99983517	2980
ENSG0000(	61.34903	5.704711	3.3823	4.46E-13	2.60E-12	TPPP3	chr16	-	67423712	67427438	1736
ENSG0000(	365.495	91.9133	1.9823	2.19E-21	1.97E-20	ZDHHC1	chr16	-	67428322	67450736	2047
ENSG0000(	1324.75	669.5787	0.98286	4.34E-09	1.89E-08	ATP6V0D1	chr16	-	67471917	67515140	3390
ENSG0000(	2.749709	0.343138	2.2662	0.12866	0.19996	AGRP	chr16	-	67516474	67517716	764
ENSG0000(	34.62879	76.24308	-1.1246	0.007146	0.015444	ZFYVE28	chr4	-	2271309	2420390	4131
ENSG0000(	73.24868	630.5885	-3.092	2.29E-35	3.52E-34	RLTPR	chr16	+	67678822	67691472	4687
ENSG0000(	22.25204	34.00497	-0.59423	0.26876	0.36768	C16orf86	chr16	+	67700719	67702661	1719
ENSG0000(	574.7975	1219.594	-1.0826	1.86E-09	8.37E-09	FAM131B	chr7	-	1.43E+08	1.43E+08	5856
ENSG0000(	1175.083	594.8163	0.98078	1.29E-16	9.21E-16	RGS12	chr4	+	3294755	3441640	6240
ENSG0000(	938.0343	788.8333	0.24976	0.14893	0.22566	PSKH1	chr16	+	67927175	67963581	3481
ENSG0000(	6476.575	3602.607	0.84535	1.60E-14	1.02E-13	ZYX	chr7	+	1.43E+08	1.43E+08	2493
ENSG0000(	3463.743	1682.93	1.0379	1.18E-07	4.57E-07	ABR	chr17	-	906758	1132315	5595
ENSG0000(	0.975385	2.08555	-0.82557	0.5828	0.67889	FAM115D	chr7	+	1.43E+08	1.44E+08	2600
ENSG0000(	1.338465	5.583326	-1.8811	0.068511	0.11693	LYPD5	chr19	-	44300081	44331358	2499
ENSG0000(	557.0889	861.8283	-0.62898	0.000151	0.00042	CCDC117	chr22	+	29168662	29185283	3985
ENSG0000(	64.60656	48.57708	0.41009	0.13354	0.20624	ZNF230	chr19	+	44507100	44518078	4115
ENSG0000(	15.51864	14.45483	0.10498	0.84358	0.8902	CCDC107	chr9	+	35658301	35661508	1324
ENSG0000(	38.11745	31.16184	0.28738	0.45266	0.55814	ZNF222	chr19	+	44529494	44537265	1598
ENSG0000(	714.8213	265.683	1.4197	1.27E-08	5.32E-08	NPR2	chr9	+	35792151	35809729	3686
ENSG0000(	1.722083	3.855484	-1.0611	0.3514	0.45573	ZNF890P	chr7	-	5160870	5184177	1352
ENSG0000(	83.39715	36.51039	1.1831	0.002073	0.004892	ZNF221	chr19	+	44455375	44471861	2535
ENSG0000(	18.05164	27.2125	-0.58961	0.17778	0.26151	ZNF233	chr19	+	44754318	44779470	2938
ENSG0000(	36.75584	32.92043	0.15343	0.75772	0.82388	ZNF235	chr19	-	44732882	44809199	4219
ENSG0000(	1138.028	117.6723	3.2665	7.49E-114	5.29E-112	GNE	chr9	-	36214438	36277053	5298

ENSG0000(	15.55115	18.51508	-0.25588	0.61016	0.70278	TNFRSF13C	chr22	-	42321045	42322822	926
ENSG0000(	3046.673	2250.874	0.43642	8.87E-06	2.87E-05	ARHGAP35	chr19	+	47421933	47508334	8889
ENSG0000(	64.43028	0.357707	6.7211	6.36E-11	3.20E-10	PTGIR	chr19	-	47123725	47128375	2107
ENSG0000(	6957.318	6535.521	0.090236	0.35908	0.46326	CALM3	chr19	+	47104331	47114050	2536
ENSG0000(	1092.333	1778.719	-0.70276	1.97E-08	8.16E-08	DFFA	chr1	-	10516579	10532583	6032
ENSG0000(	271.7244	251.5031	0.10975	0.56142	0.65987	CCDC28B	chr1	+	32665987	32670988	1415
ENSG0000(	39.07825	64.62937	-0.71701	0.015756	0.031779	IQCC	chr1	+	32671236	32674288	2293
ENSG0000(	70.78071	45.8983	0.61469	0.086186	0.14243	TMEM234	chr1	-	32680073	32687972	2736
ENSG0000(	1194.844	783.9443	0.60778	2.80E-05	8.52E-05	BSDC1	chr1	-	32830704	32860332	4599
ENSG0000(	5.788905	11.70885	-0.9584	0.1737	0.25657	ZBTB8A	chr1	+	33005028	33066591	1943
ENSG0000(	1093.534	1257.851	-0.20068	0.44396	0.5496	ATAD3B	chr1	+	1407143	1433228	4314
ENSG0000(	2199.851	2514.837	-0.19272	0.056934	0.099681	SSU72	chr1	-	1477053	1510249	2679
ENSG0000(	1300.365	1448.521	-0.15563	0.24673	0.34266	UBE2J2	chr1	-	1189289	1209265	2455
ENSG0000(	954.6817	386.8785	1.3014	3.60E-20	3.06E-19	ZNF362	chr1	+	33722146	33766320	3106
ENSG0000(	38.39479	38.06589	0.013639	0.97151	0.98431	FNDC5	chr1	-	33327869	33338083	2732
ENSG0000(	21.57633	304.2457	-3.7908	8.90E-43	1.68E-41	CPAMD8	chr19	-	17003758	17137625	5992
ENSG0000(	1329.99	4021.952	-1.5942	3.53E-36	5.56E-35	NR2F6	chr19	-	17342692	17356749	2404
ENSG0000(	31.77704	286.0431	-3.1568	1.21E-25	1.29E-24	ANKLE1	chr19	+	17392454	17398455	3218
ENSG0000(	200.6337	537.709	-1.4173	9.01E-12	4.80E-11	CCDC58	chr3	-	1.22E+08	1.22E+08	769
ENSG0000(	397.9438	785.9873	-0.98	3.37E-12	1.84E-11	VMA21	chrX	+	1.51E+08	1.51E+08	4717
ENSG0000(	820.3469	181.1969	2.1767	2.95E-46	6.08E-45	KALRN	chr3	+	1.24E+08	1.24E+08	10806
ENSG0000(	102.9023	333.1895	-1.6779	2.08E-07	7.92E-07	CILP2	chr19	+	19649057	19657468	4234
ENSG0000(	34.43001	76.69291	-1.1485	0.00022	0.0006	FAM86C2P	chr11	-	67559119	67572807	2496
ENSG0000(	0.653381	116.4706	-6.9091	3.48E-15	2.31E-14	ABCG1	chr21	+	43619799	43717354	3475
ENSG0000(	0	11.63601	-5.1097	5.79E-05	0.00017	TFF3	chr21	-	43731777	43735761	1109
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	TFF1	chr21	-	43782391	43786703	551
ENSG0000(	0.975385	2.696564	-1.2229	0.34335	0.44734	TMPRSS3	chr21	-	43791999	43816955	3193
ENSG0000(	4.148974	0	3.5961	0.012954	0.026606	UBASH3A	chr21	+	43824008	43867791	2754
ENSG0000(	31.32406	1.280305	4.2874	3.63E-07	1.35E-06	RSPH1	chr21	-	43892596	43916464	2880
ENSG0000(	2245.2	811.7565	1.4663	2.40E-44	4.71E-43	SLC37A1	chr21	+	43916128	44001550	3664
ENSG0000(	22.50982	497.1593	-4.422	6.40E-75	2.50E-73	PDE9A	chr21	+	44073746	44195619	3412
ENSG0000(	414.1195	678.4491	-0.70842	0.003217	0.007384	WDR4	chr21	-	44263204	44299678	2205
ENSG0000(	297.1464	429.9791	-0.5313	0.001173	0.00288	NDUFV3	chr21	+	44299754	44329783	2029
ENSG0000(	376.5074	479.3513	-0.34752	0.016777	0.033647	PKNOX1	chr21	+	44394620	44454172	5483
ENSG0000(	1610.581	9010.879	-2.4816	3.24E-107	2.08E-105	CBS	chr21	-	44473301	44497053	2656
ENSG0000(	2381.871	3550.758	-0.57553	8.19E-09	3.50E-08	U2AF1	chr21	-	44513066	44527697	4694
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	CRYAA	chr21	+	44589118	44592915	1139
ENSG0000(	15.09134	18.22935	-0.24795	0.65574	0.74054	HSF2BP	chr21	-	44949072	45079374	1899
ENSG0000(	1284.352	2441.016	-0.92386	8.59E-07	3.08E-06	RRP1B	chr21	+	45079429	45115958	5088
ENSG0000(	3824.038	2378.174	0.6847	2.17E-14	1.37E-13	PDXK	chr21	+	45138975	45182188	7366
ENSG0000(	2565.976	1102.44	1.2181	1.79E-33	2.59E-32	G6PD	chrX	-	1.54E+08	1.54E+08	2631
ENSG0000(	1276.932	1227.72	0.056944	0.60369	0.69701	CSTB	chr21	-	45192393	45196326	2163
ENSG0000(	777.4585	1429.512	-0.87504	0.00011	0.000313	RRP1	chr21	+	45209394	45225174	3022
ENSG0000(	1322.387	347.5883	1.9219	5.73E-28	6.76E-27	AGPAT3	chr21	+	45285067	45406417	5767
ENSG0000(	1359.232	959.4447	0.50207	8.01E-05	0.000231	TRAPPC10	chr21	+	45432200	45526433	6976
ENSG0000(	77.88755	7.792677	3.2977	2.51E-15	1.68E-14	GAB3	chrX	-	1.54E+08	1.54E+08	4718
ENSG0000(	1061.118	1526.274	-0.52354	0.000414	0.001089	C21orf33	chr21	+	45553487	45565605	1674
ENSG0000(	81.91329	391.4324	-2.2516	1.13E-38	1.92E-37	ICOSLG	chr21	-	45642874	45660849	7080
ENSG0000(	51.40952	45.28333	0.17976	0.58179	0.67816	C21orf2	chr21	-	45748827	45759285	4532
ENSG0000(	18.91154	71.76726	-1.8778	7.95E-05	0.000229	ZNF66	chr19	+	20959110	20991922	1745
ENSG0000(	69.54592	107.5722	-0.62888	0.008758	0.018612	LRRC3	chr21	+	45875369	45878739	2529
ENSG0000(	55.21326	12.2252	2.1379	5.12E-07	1.88E-06	ITGB2	chr21	-	46305868	46351904	4781
ENSG0000(	368.027	765.7032	-1.0553	4.29E-15	2.83E-14	FAM207A	chr21	+	46359925	46396904	927
ENSG0000(	1286.827	550.7175	1.2195	2.66E-08	1.09E-07	RALGDS	chr9	-	1.36E+08	1.36E+08	5817
ENSG0000(	46.23895	55.93692	-0.2812	0.39629	0.5008	FTCD	chr21	-	47556176	47575481	1955
ENSG0000(	787.2995	762.7706	0.045982	0.70371	0.77966	SPATC1L	chr21	-	47581062	47604390	2303
ENSG0000(	4851.31	3152.589	0.61976	0.003378	0.007726	LSS	chr21	-	47608055	47648738	4936
ENSG0000(	1005.272	1031.731	-0.03796	0.77215	0.83593	VAV2	chr9	-	1.37E+08	1.37E+08	5101
ENSG0000(	1831.453	1327.158	0.46419	9.37E-06	3.02E-05	MCM3AP	chr21	-	47655047	47706211	6333
ENSG0000(	365.3474	454.1871	-0.31346	0.072062	0.12216	C21orf58	chr21	-	47720095	47743789	2975
ENSG0000(	1503.877	1251.965	0.26408	0.023699	0.045992	PCNT	chr21	+	47744036	47865682	10560
ENSG0000(	1271.192	569.1517	1.1542	4.23E-07	1.56E-06	DIP2A	chr21	+	47878812	47989926	7293
ENSG0000(	9.970396	0	4.9274	9.48E-05	0.000271	S100B	chr21	-	48018875	48025121	971
ENSG0000(	2138.707	805.0932	1.4086	4.00E-46	8.22E-45	PRMT2	chr21	+	48055079	48085036	4031
ENSG0000(	3.713929	12.50282	-1.6704	0.039385	0.072418	CLDND2	chr19	-	51870352	51872257	974

ENSG0000(	93.92175	150.5437	-0.67455	0.045294	0.081559	ADAMTS13	chr9	+	1.36E+08	1.36E+08	4934
ENSG0000(	583.8046	863.7862	-0.56407	0.001624	0.003895	CACFD1	chr9	+	1.36E+08	1.36E+08	2794
ENSG0000(	565.1395	247.4713	1.1821	0.000179	0.000494	SLC2A6	chr9	-	1.36E+08	1.36E+08	3417
ENSG0000(	195.4718	477.275	-1.2829	8.80E-10	4.08E-09	ZNF761	chr19	+	53935227	53961515	4206
ENSG0000(	48.61181	99.19924	-1.0237	0.000128	0.000359	C9orf116	chr9	-	1.38E+08	1.38E+08	1278
ENSG0000(	1.286224	0.297015	1.3298	0.41218	NA	LCN1	chr9	+	1.38E+08	1.38E+08	776
ENSG0000(	187.044	422.2046	-1.1691	4.35E-10	2.06E-09	ZNF714	chr19	+	21264965	21308073	6809
ENSG0000(	2346.288	507.5921	2.205	1.36E-81	5.84E-80	GPSM1	chr9	+	1.39E+08	1.39E+08	3633
ENSG0000(	404.967	326.1537	0.31192	0.074325	0.12551	C19orf47	chr19	-	40825443	40854434	3628
ENSG0000(	6.556955	4.89705	0.37351	0.65873	0.74286	HIPK4	chr19	-	40885178	40896094	2452
ENSG0000(	53.8801	21.4244	1.3232	0.000578	0.001488	C9orf117	chr9	+	1.3E+08	1.3E+08	2708
ENSG0000(	170.6678	220.7861	-0.36894	0.027705	0.052922	TOR2A	chr9	-	1.3E+08	1.3E+08	3496
ENSG0000(	914.8516	668.8067	0.45018	0.034599	0.064471	ST6GALNA(	chr9	-	1.31E+08	1.31E+08	2460
ENSG0000(	2022.113	1590.063	0.34628	0.006422	0.014005	SHKBP1	chr19	+	41082757	41097305	2363
ENSG0000(	107.5977	224.0896	-1.0523	2.09E-06	7.26E-06	RDH13	chr19	-	55550476	55582659	3022
ENSG0000(	910.8574	742.5133	0.29464	0.011385	0.023641	ZER1	chr9	-	1.31E+08	1.32E+08	4259
ENSG0000(	201.7147	429.0608	-1.0868	7.89E-10	3.68E-09	ZDHHC12	chr9	-	1.31E+08	1.31E+08	2536
ENSG0000(	351.9022	1171.946	-1.73	8.70E-18	6.62E-17	PKN3	chr9	+	1.31E+08	1.31E+08	3375
ENSG0000(	23.94323	51.76186	-1.0981	0.025647	0.049391	SPTBN4	chr19	+	40972148	41082370	8676
ENSG0000(	331.859	472.7515	-0.50966	0.013102	0.026884	BRSK1	chr19	+	55793440	55823901	3079
ENSG0000(	6.837069	20.01472	-1.4962	0.020932	0.041112	COX6B2	chr19	-	55860674	55866182	2083
ENSG0000(	0.580602	0.297015	0.36801	0.83644	NA	TMEM190	chr19	+	55888204	55889612	593
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	NLRP4	chr19	+	56347944	56393220	3670
ENSG0000(	16.11978	104.1062	-2.6297	1.33E-07	5.12E-07	PPAPDC3	chr9	+	1.34E+08	1.34E+08	2095
ENSG0000(	2387.957	1446.907	0.72179	3.23E-08	1.31E-07	TAOK1	chr17	+	27717482	27878922	12407
ENSG0000(	199.6452	180.292	0.14621	0.45344	0.55891	MED27	chr9	-	1.35E+08	1.35E+08	1431
ENSG0000(	517.7269	830.2116	-0.67985	0.000318	0.000849	DEDD2	chr19	-	42702750	42724292	1894
ENSG0000(	690.7348	654.6717	0.076244	0.55194	0.65143	SIK3	chr11	-	1.17E+08	1.17E+08	6331
ENSG0000(	1.286224	20.66045	-3.7406	6.30E-06	2.07E-05	MPZL3	chr11	-	1.18E+08	1.18E+08	3964
ENSG0000(	5.363233	0	3.9856	0.003995	0.009027	AMICA1	chr11	-	1.18E+08	1.18E+08	5610
ENSG0000(	73.21021	234.3305	-1.6781	3.98E-17	2.93E-16	NEK8	chr17	+	27052915	27070473	3581
ENSG0000(	83.30221	239.3533	-1.5131	2.79E-08	1.14E-07	TLCD1	chr17	-	27051366	27054953	1017
ENSG0000(	1275.062	891.4177	0.51462	0.021012	0.041256	PCSK7	chr11	-	1.17E+08	1.17E+08	9347
ENSG0000(	2389.252	3576.082	-0.58126	9.97E-08	3.89E-07	SAFB	chr19	+	5623046	5668489	3471
ENSG0000(	11.40992	21.30543	-0.85773	0.16193	0.2422	S100A1	chr1	+	1.54E+08	1.54E+08	2619
ENSG0000(	1051.583	1391.88	-0.40476	0.000301	0.000805	CHTOP	chr1	+	1.54E+08	1.54E+08	2553
ENSG0000(	451.7246	519.5379	-0.20199	0.30937	0.4112	ZBTB7B	chr1	+	1.55E+08	1.55E+08	3594
ENSG0000(	589.5943	1155.946	-0.96916	2.31E-15	1.54E-14	FLAD1	chr1	+	1.55E+08	1.55E+08	2656
ENSG0000(	8855.976	3960.72	1.1602	4.59E-40	8.09E-39	SHC1	chr1	-	1.55E+08	1.55E+08	3481
ENSG0000(	573.956	397.3534	0.53062	0.00091	0.002271	VPS11	chr11	+	1.19E+08	1.19E+08	3387
ENSG0000(	408.388	629.8903	-0.62194	0.012673	0.026079	NLRX1	chr11	+	1.19E+08	1.19E+08	4092
ENSG0000(	5259.198	7165.153	-0.44568	8.48E-06	2.75E-05	ADAR	chr1	-	1.55E+08	1.55E+08	6620
ENSG0000(	22.10648	105.1639	-2.2258	2.74E-12	1.50E-11	IL6R	chr1	+	1.54E+08	1.54E+08	5914
ENSG0000(	875.2867	738.9613	0.2441	0.14908	0.22584	UBE2Q1	chr1	-	1.55E+08	1.55E+08	3210
ENSG0000(	5.124359	33.21261	-2.5992	1.40E-05	4.40E-05	CHRNB2	chr1	+	1.55E+08	1.55E+08	5867
ENSG0000(	571.0794	351.1657	0.70089	1.86E-08	7.73E-08	CRTC2	chr1	-	1.54E+08	1.54E+08	2644
ENSG0000(	531.4216	616.2877	-0.2137	0.13604	0.2091	ANO10	chr3	-	43396351	43733086	3212
ENSG0000(	359.1816	156.3821	1.1937	3.37E-06	1.14E-05	FDPS	chr1	+	1.55E+08	1.55E+08	2017
ENSG0000(	868.2858	834.6194	0.056868	0.6692	0.75176	RUSC1	chr1	+	1.55E+08	1.55E+08	3403
ENSG0000(	141.3759	38.2148	1.8824	8.14E-11	4.05E-10	GBAP1	chr1	-	1.55E+08	1.55E+08	2918
ENSG0000(	979.3449	732.5239	0.41781	0.010366	0.021724	FAM189B	chr1	-	1.55E+08	1.55E+08	3082
ENSG0000(	42.76487	113.4185	-1.3992	1.52E-05	4.78E-05	PAQR6	chr1	-	1.56E+08	1.56E+08	2117
ENSG0000(	217.7016	555.7189	-1.3467	9.90E-20	8.23E-19	PMF1	chr1	+	1.56E+08	1.56E+08	1068
ENSG0000(	572.1951	643.5409	-0.16827	0.47753	0.58202	SLC25A44	chr1	+	1.56E+08	1.56E+08	6952
ENSG0000(	15950.75	922.4846	4.1065	6.36E-269	2.39E-266	LMNA	chr1	+	1.56E+08	1.56E+08	3190
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CCR5	chr3	+	46411633	46417697	3637
ENSG0000(	434.139	1487.568	-1.7742	4.69E-33	6.71E-32	NBEAL2	chr3	+	47021173	47051193	8827
ENSG0000(	563.3588	792.8544	-0.49257	2.92E-05	8.85E-05	CCDC12	chr3	-	46963216	47023500	2412
ENSG0000(	12.4906	180.8766	-3.8257	1.23E-33	1.79E-32	PTH1R	chr3	+	46919236	46945287	2123
ENSG0000(	1255.299	1189.61	0.07734	0.51771	0.62046	UBQLN4	chr1	-	1.56E+08	1.56E+08	3576
ENSG0000(	0.995923	1.98115	-0.83762	0.52247	0.62504	MYL3	chr3	-	46899362	46923659	1012
ENSG0000(	135.9912	260.977	-0.93675	0.000314	0.000838	PPP1R35	chr7	-	1E+08	1E+08	1031
ENSG0000(	575.4867	1175.421	-1.0229	0.000526	0.001362	GPATCH4	chr1	-	1.57E+08	1.57E+08	2464
ENSG0000(	225.4349	174.3332	0.37062	0.065501	0.11258	AC004166.	chr7	-	74112305	74306731	1340
ENSG0000(	1.887365	2.24661	-0.20776	0.8695	0.90924	LRRC71	chr1	+	1.57E+08	1.57E+08	1959

ENSG0000(	0	4.049714	-3.2232	0.046581	0.083647	AZGP1	chr7	-	99564343	99573780	2027
ENSG0000(	69.96286	1967.302	-4.8076	1.81E-141	1.83E-139	FGFR4	chr5	+	1.77E+08	1.77E+08	3122
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	CYP3A4	chr7	-	99354604	99381888	2318
ENSG0000(	7.04424	4.692283	0.55668	0.47025	0.57498	CYP3A7	chr7	-	99302660	99332819	2314
ENSG0000(	2050.525	5235.952	-1.3511	4.16E-36	6.53E-35	NACC1	chr19	+	13228917	13251955	4445
ENSG0000(	5.000153	0.297015	3.1686	0.018207	0.036255	HK3	chr5	-	1.76E+08	1.76E+08	3066
ENSG0000(	1.814586	1.638012	0.14761	0.91253	0.9402	LY6K	chr8	+	1.44E+08	1.44E+08	2724
ENSG0000(	806.6133	1255.962	-0.63734	9.21E-06	2.97E-05	IER2	chr19	+	13261229	13265722	2934
ENSG0000(	269.003	363.8577	-0.43443	0.008834	0.018765	ZNF394	chr7	-	99084142	99097947	2179
ENSG0000(	601.1915	1066.183	-0.82514	8.43E-12	4.49E-11	CPSF4	chr7	+	99036545	99054994	1738
ENSG0000(	938.2726	1529.412	-0.70332	6.84E-06	2.24E-05	LY6E	chr8	+	1.44E+08	1.44E+08	1419
ENSG0000(	1567.272	733.1159	1.0945	9.81E-15	6.32E-14	VPS28	chr8	-	1.46E+08	1.46E+08	2337
ENSG0000(	620.5264	1862.943	-1.5827	3.22E-31	4.32E-30	TONSL	chr8	-	1.46E+08	1.46E+08	6600
ENSG0000(	6.774477	28.9768	-2.0567	0.000371	0.00098	PTGER1	chr19	-	14583278	14586174	1421
ENSG0000(	1309.752	1172.372	0.15897	0.21252	0.30308	MUM1	chr19	+	1285890	1378430	4170
ENSG0000(	721.6709	1803.235	-1.3188	9.28E-24	9.24E-23	RECQL4	chr8	-	1.46E+08	1.46E+08	3897
ENSG0000(	495.6106	428.585	0.20963	0.22114	0.31316	LRRC14	chr8	+	1.46E+08	1.46E+08	5323
ENSG0000(	271.7136	179.6757	0.5942	0.01998	0.039439	ZNF333	chr19	+	14800613	14844558	4672
ENSG0000(	80.47972	2333.062	-4.8477	6.97E-224	1.91E-221	COL26A1	chr7	+	1.01E+08	1.01E+08	3032
ENSG0000(	300.6544	413.729	-0.45923	0.040769	0.074597	PPP1R16A	chr8	+	1.46E+08	1.46E+08	4311
ENSG0000(	0	2178.455	-12.198	1.11E-30	1.45E-29	FOXH1	chr8	-	1.46E+08	1.46E+08	2503
ENSG0000(	3401.448	608.0681	2.4783	9.23E-57	2.49E-55	ORAI2	chr7	+	1.02E+08	1.02E+08	10769
ENSG0000(	230.0704	349.8455	-0.60212	0.004637	0.010379	ALKBH4	chr7	-	1.02E+08	1.02E+08	2105
ENSG0000(	69.32693	309.2768	-2.1304	2.22E-08	9.14E-08	SH2B2	chr7	+	1.02E+08	1.02E+08	2061
ENSG0000(	270.8973	303.5889	-0.16145	0.29356	0.3956	C5orf45	chr5	-	1.79E+08	1.79E+08	4145
ENSG0000(	2515.453	989.4958	1.3445	3.12E-29	3.86E-28	SQSTM1	chr5	+	1.79E+08	1.79E+08	2986
ENSG0000(	1780.516	2043.407	-0.19863	0.059457	0.10368	MGAT4B	chr5	-	1.79E+08	1.79E+08	3027
ENSG0000(	21788.12	40110.49	-0.87974	1.36E-18	1.07E-17	RPL8	chr8	-	1.46E+08	1.46E+08	1041
ENSG0000(	1681.233	1819.582	-0.11416	0.31943	0.42236	MAML1	chr5	+	1.79E+08	1.79E+08	6559
ENSG0000(	929.5926	1051.766	-0.178	0.13885	0.21251	LRWD1	chr7	+	1.02E+08	1.02E+08	5491
ENSG0000(	23.31813	12.311	0.89655	0.082093	0.13659	FBXL13	chr7	-	1.02E+08	1.03E+08	3032
ENSG0000(	178.3636	92.59871	0.93873	6.95E-06	2.27E-05	NAPEPLD	chr7	-	1.03E+08	1.03E+08	4988
ENSG0000(	1.08924	0.357707	0.88709	0.61692	NA	SCGB3A1	chr5	-	1.8E+08	1.8E+08	714
ENSG0000(	1609.459	1185.516	0.44004	0.029229	0.055476	PSMC2	chr7	+	1.03E+08	1.03E+08	3054
ENSG0000(	4.315069	131.1221	-4.8294	5.56E-21	4.90E-20	CELF5	chr19	+	3224701	3297074	4268
ENSG0000(	1442.568	679.7067	1.0836	2.13E-17	1.59E-16	MFSD12	chr19	-	3538259	3574288	2124
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC008103.	chr22	+	18837631	18848562	5920
ENSG0000(	1.451506	7.311169	-1.9955	0.077634	0.13013	XXbac-B44	chr22	+	20287283	20300739	1240
ENSG0000(	3.693391	9.248611	-1.2739	0.095074	0.15482	USP41	chr22	-	20704868	20745048	1427
ENSG0000(	14.89517	8.873919	0.72991	0.20745	0.29722	TUBA3FP	chr22	-	21357184	21368581	1974
ENSG0000(	478.2634	774.0066	-0.69418	1.15E-06	4.10E-06	YDJC	chr22	-	21982378	21984353	1613
ENSG0000(	10.52965	2.857624	1.7208	0.071522	0.12132	CCDC116	chr22	+	21987007	21991616	2260
ENSG0000(	3745.911	2023.724	0.88741	1.74E-19	1.43E-18	DVL3	chr3	+	1.84E+08	1.84E+08	5254
ENSG0000(	8767.318	6995.845	0.32543	0.002614	0.006081	AP2M1	chr3	+	1.84E+08	1.84E+08	2091
ENSG0000(	827.5473	702.1073	0.23639	0.11905	0.18764	ABCF3	chr3	+	1.84E+08	1.84E+08	2844
ENSG0000(	1253.317	356.5832	1.809	2.99E-29	3.70E-28	PCYT1A	chr3	-	1.96E+08	1.96E+08	5597
ENSG0000(	99.81839	114.8624	-0.20269	0.38532	0.48959	FBXO27	chr19	-	39481354	39523425	2330
ENSG0000(	0	1635.38	-11.825	9.75E-29	1.18E-27	DMKN	chr19	-	35988122	36004560	2811
ENSG0000(	10.02084	26.48339	-1.3859	0.006324	0.013807	U2AF1L4	chr19	-	36233428	36236346	2582
ENSG0000(	113.5003	328.5955	-1.5293	3.53E-20	2.99E-19	BDH1	chr3	-	1.97E+08	1.97E+08	3546
ENSG0000(	0	22.66845	-5.9423	2.71E-06	9.27E-06	NPHS1	chr19	-	36316866	36360189	4276
ENSG0000(	113.6105	171.3036	-0.58933	0.030541	0.057622	THAP8	chr19	-	36525887	36545664	1825
ENSG0000(	10.08425	22.13095	-1.1224	0.030219	0.05712	COX7A1	chr19	-	36641824	36643771	762
ENSG0000(	64.19466	50.85049	0.33043	0.43759	0.54314	ZNF382	chr19	+	37095719	37119499	3865
ENSG0000(	341.619	348.5068	-0.02999	0.8574	0.89986	DUSP14	chr17	+	35849937	35873603	2207
ENSG0000(	27.06637	67.66686	-1.3036	0.002847	0.006588	LRRC56	chr11	+	537527	554916	2769
ENSG0000(	246.7989	32.2731	2.9122	8.43E-23	8.06E-22	PLXDC1	chr17	-	37219556	37310647	6252
ENSG0000(	105.6023	413.9852	-1.9597	4.24E-18	3.27E-17	PGAP3	chr17	-	37827375	37853050	3028
ENSG0000(	0	10.82755	-4.9799	0.000119	0.000336	IKZF3	chr17	-	37921198	38020441	2437
ENSG0000(	21.93859	23.55937	-0.0909	0.83265	0.88212	GRIN2C	chr17	-	72838162	72857627	6516
ENSG0000(	341.3271	762.1759	-1.1504	0.000229	0.000622	FDXR	chr17	-	72858619	72869156	2482
ENSG0000(	1053.215	1067.137	-0.01834	0.91859	0.94517	SAP30BP	chr17	+	73663196	73704142	2786
ENSG0000(	712.739	553.8643	0.36318	0.002184	0.005138	ACOX1	chr17	-	73937588	73975515	7751
ENSG0000(	685.5675	691.0185	-0.01224	0.94198	0.96246	PRPSAP1	chr17	-	74305567	74380602	3660
ENSG0000(	155.6947	59.13527	1.3832	3.22E-07	1.20E-06	CYGB	chr17	-	74523438	74547257	2158

ENSG0000(	1153.33	1989.787	-0.76707	0.16899	0.25071	SRSF2	chr17	-	74730197	74733456	2885
ENSG0000(	54.03845	249.5787	-2.1953	2.04E-14	1.29E-13	ZNF577	chr19	-	52359055	52394203	3148
ENSG0000(	150.1672	277.2394	-0.88239	1.71E-05	5.34E-05	TMEM143	chr19	-	48835613	48867494	2560
ENSG0000(	2.604151	2.932886	-0.15558	0.88283	0.91846	CCL5	chr17	-	34198495	34207797	1365
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	CCL16	chr17	-	34303529	34308532	1634
ENSG0000(	0.290301	3.399825	-2.519	0.095891	0.15604	KLHL10	chr17	+	39991937	40004636	2057
ENSG0000(	0	1.188058	-1.268	0.47398	NA	CCDC155	chr19	+	49891475	49921251	2378
ENSG0000(	0	1.606458	-1.9287	0.27074	NA	HCRT	chr17	-	40336078	40337470	577
ENSG0000(	541.0048	879.2181	-0.69828	5.73E-08	2.28E-07	ALDH16A1	chr19	+	49956426	49974305	3995
ENSG0000(	6487.614	612.4936	3.4005	1.58E-143	1.65E-141	ITGA5	chr12	-	54789045	54813244	4996
ENSG0000(	0.632843	1.234181	-0.70218	0.65868	NA	SIGLEC11	chr19	-	50452242	50464429	3173
ENSG0000(	141.4433	341.8595	-1.2664	1.45E-06	5.09E-06	ZNF385A	chr12	-	54762917	54785082	2494
ENSG0000(	0	5.903774	-3.991	0.005856	0.012859	SIGLEC16	chr19	+	50472857	50479071	2510
ENSG0000(	152.1673	129.407	0.22833	0.25795	0.3556	MPP3	chr17	-	41878167	41910538	2996
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	CD300LG	chr17	+	41924516	41940997	2758
ENSG0000(	0	7.637322	-4.4795	0.000855	0.002144	IZUMO2	chr19	-	50655805	50666452	893
ENSG0000(	38.30066	112.1046	-1.5259	0.000749	0.001894	NAGS	chr17	+	42081914	42086431	2182
ENSG0000(	599.0251	792.8573	-0.404	0.001841	0.00438	LSM12	chr17	-	42112003	42144987	2484
ENSG0000(	24.92978	25.29607	-0.01672	0.96901	0.98264	ASB16	chr17	+	42247815	42256451	2139
ENSG0000(	725.9986	912.3519	-0.32848	0.040476	0.074118	EMC10	chr19	+	50979657	50986608	2178
ENSG0000(	383.5842	30.94089	3.6184	2.97E-45	5.96E-44	JOSD2	chr19	-	51009255	51014610	996
ENSG0000(	6.399419	47.15438	-2.8023	2.57E-08	1.05E-07	SHANK1	chr19	-	51165084	51222707	6643
ENSG0000(	1081.953	1371.138	-0.34082	0.083041	0.13794	FAM171A2	chr17	-	42430583	42441243	3160
ENSG0000(	434.461	662.4694	-0.6084	8.22E-06	2.67E-05	DBF4B	chr17	+	42785976	42829632	2998
ENSG0000(	803.3407	529.373	0.59964	0.000267	0.000719	PLCD3	chr17	-	43186335	43210721	6106
ENSG0000(	3749.15	396.8252	3.2376	2.62E-175	4.26E-173	FMNL3	chr12	-	50031724	50101948	11192
ENSG0000(	1.971308	23.50438	-3.41	4.44E-06	1.48E-05	AQP5	chr12	+	50355653	50359464	1450
ENSG0000(	1196.799	1141.728	0.067938	0.59827	0.69232	RACGAP1	chr12	-	50370706	50426919	3307
ENSG0000(	602.8219	725.7994	-0.2666	0.13277	0.20526	LARP4	chr12	+	50786166	50873787	6427
ENSG0000(	589.6875	137.9398	2.0368	0.000528	0.001366	GRASP	chr12	+	52400724	52409673	1933
ENSG0000(	1545	1464.562	0.077433	0.50174	0.60525	RAVER1	chr19	-	10426888	10444316	4693
ENSG0000(	5.778554	26.86453	-2.1841	0.000103	0.000293	SYCE2	chr19	-	13009600	13030090	1231
ENSG0000(	515.2267	675.1683	-0.38893	0.000768	0.001939	SPC24	chr19	-	11242196	11266484	2315
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	IP6K3	chr6	-	33689444	33714762	2822
ENSG0000(	1989.967	1230.949	0.6915	8.68E-10	4.03E-09	LEMD2	chr6	-	33738979	33756913	4870
ENSG0000(	0.290301	12.35471	-4.459	0.000185	0.000511	ALOX15	chr17	-	4534197	4545589	2784
ENSG0000(	0.72616	0.654722	0.069147	0.96802	NA	TREML1	chr6	-	41117080	41122075	1194
ENSG0000(	205.0112	139.3689	0.55056	0.11379	0.18037	ADCY10P1	chr6	+	41068761	41108571	4567
ENSG0000(	78.62666	91.26503	-0.21594	0.41853	0.5238	ZNF653	chr19	-	11594242	11616738	2240
ENSG0000(	37.49056	57.60394	-0.61459	0.03696	0.068401	MED11	chr17	+	4634723	4636905	833
ENSG0000(	13.29036	48.13606	-1.8335	0.000302	0.000809	CXCL16	chr17	-	4636821	4643217	2222
ENSG0000(	5.374398	1.294874	1.83	0.08233	0.13689	SCIMP	chr17	-	5112256	5138155	2383
ENSG0000(	4.564295	3.792375	0.23111	0.80758	0.86414	RNASEK-C1	chr17	+	6915954	6920839	1856
ENSG0000(	1.431782	148.1158	-6.4318	4.95E-17	3.62E-16	BCL6B	chr17	+	6926339	6933609	3555
ENSG0000(	0.705622	0.357707	0.57557	0.74268	NA	ASGR2	chr17	-	7004641	7019019	1454
ENSG0000(	14.32654	42.78087	-1.5615	0.000158	0.000438	TNFSF13	chr17	+	7461609	7464925	2036
ENSG0000(	429.8836	614.4712	-0.51504	0.002387	0.005579	SENP3	chr17	+	7465192	7475287	2612
ENSG0000(	12.24056	203.456	-3.993	1.55E-26	1.73E-25	FGF11	chr17	+	7341592	7349285	5553
ENSG0000(	72.48209	143.0022	-0.97731	0.00122	0.002985	EIF4A1	chr17	+	7476024	7482323	1756
ENSG0000(	104.8478	246.6727	-1.228	1.78E-09	8.05E-09	RPL26	chr17	-	8280838	8286531	1002
ENSG0000(	0.705622	0	0.8807	0.6196	NA	CCDC42	chr17	-	8633252	8648537	1374
ENSG0000(	130.109	276.8675	-1.0848	3.21E-09	1.42E-08	POLR3K	chr16	-	96407	103628	1392
ENSG0000(	480.0319	594.8856	-0.30785	0.093401	0.1526	SNRNP25	chr16	+	103010	107669	1905
ENSG0000(	0.580602	31.83771	-5.0968	3.03E-07	1.14E-06	C16orf11	chr16	+	610422	615528	2216
ENSG0000(	469.6791	598.2976	-0.34856	0.006789	0.014728	WDR90	chr16	+	699311	717833	5589
ENSG0000(	561.6652	513.3549	0.13032	0.42414	0.52947	JMJD8	chr16	-	731671	734529	2205
ENSG0000(	23.4328	73.03091	-1.6225	7.95E-05	0.000229	CCDC78	chr16	-	772582	776954	3458
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	MSLNL	chr16	-	819428	833370	3162
ENSG0000(	0	21.11698	-5.9643	7.25E-07	2.62E-06	SSTR5	chr16	+	1122756	1131454	2674
ENSG0000(	5.269917	13.83891	-1.3322	0.070501	0.11989	SPSB3	chr16	-	1826713	1843701	2316
ENSG0000(	0.943682	29.94398	-4.473	1.15E-05	3.67E-05	MEIOB	chr16	-	1883984	1934295	1884
ENSG0000(	0	10.69085	-4.8029	0.000555	0.001431	HS3ST6	chr16	-	1961464	1968441	1273
ENSG0000(	206.6506	706.0748	-1.7658	1.28E-30	1.67E-29	C16orf59	chr16	+	2510081	2514964	2156
ENSG0000(	832.6536	1433.364	-0.78225	1.88E-10	9.15E-10	CCNF	chr16	+	2479395	2508855	4283
ENSG0000(	350.4593	244.819	0.51461	0.001276	0.003112	TBC1D24	chr16	+	2525147	2555735	6578

ENSG0000(	72.98764	161.8817	-1.1418	4.47E-05	0.000133	AMDHD2	chr16	+	2570358	2581423	3273
ENSG0000(	36.45274	10.39055	1.7716	0.0001	0.000286	NTN3	chr16	+	2521500	2524146	1986
ENSG0000(	1.016461	396.9253	-8.2358	1.93E-30	2.50E-29	CCDC64B	chr16	-	3077683	3086927	3519
ENSG0000(	154.1137	276.8381	-0.84071	0.000102	0.00029	PAQR4	chr16	+	3019246	3023490	2793
ENSG0000(	307.0685	250.8322	0.29073	0.15445	0.23279	FLYWCH2	chr16	+	2933187	2949383	1036
ENSG0000(	130.787	222.8112	-0.76225	0.026927	0.051592	ZNF75A	chr16	+	3355406	3368852	3989
ENSG0000(	404.2295	419.8231	-0.05482	0.81887	0.8727	ADCY9	chr16	-	4003388	4166186	7725
ENSG0000(	1.213446	1055.431	-9.2887	3.65E-47	7.69E-46	SHANK2	chr11	-	70313961	70963623	8987
ENSG0000(	445.0426	324.396	0.45566	0.000541	0.001396	CLPB	chr11	-	72003469	72145692	3240
ENSG0000(	144.0392	138.973	0.047834	0.83495	0.88406	NEU3	chr11	+	74699179	74729938	3519
ENSG0000(	397.6682	208.9509	0.92688	5.40E-11	2.73E-10	CYB561A3	chr11	-	61116217	61129771	4094
ENSG0000(	33.15658	34.49956	-0.06056	0.92454	0.94929	PPP1R32	chr11	+	61248592	61258403	1535
ENSG0000(	9.688654	218.8913	-4.4352	1.45E-37	2.38E-36	ASRGL1	chr11	+	62104920	62160882	2268
ENSG0000(	2.366091	3.573038	-0.54951	0.61532	0.70714	GNG3	chr11	+	62475130	62476673	882
ENSG0000(	1647.928	2164.878	-0.3932	0.000795	0.002002	UBXN1	chr11	-	62443970	62446567	2073
ENSG0000(	183.5873	310.5777	-0.75515	0.000137	0.000385	C11orf48	chr11	-	62430287	62439727	2915
ENSG0000(	412.178	325.8238	0.33811	0.067157	0.11499	TTC9C	chr11	+	62495541	62507765	1833
ENSG0000(	327.4492	376.1194	-0.1993	0.2687	0.36762	TAF6L	chr11	+	62538775	62554814	2116
ENSG0000(	1017.449	711.3912	0.5141	0.036096	0.067001	NXF1	chr11	-	62559595	62573774	4128
ENSG0000(	661.7909	374.677	0.81797	2.61E-06	8.96E-06	STX5	chr11	-	62574369	62599560	1794
ENSG0000(	47.58255	12.42111	1.8824	0.000146	0.000407	SLC25A45	chr11	-	65142663	65151172	7118
ENSG0000(	9042.05	13034.05	-0.52725	2.14E-10	1.04E-09	RPL29	chr3	-	52027616	52029958	880
ENSG0000(	79.76652	2.932886	4.6328	1.64E-17	1.23E-16	ITIH3	chr3	+	52828784	52843025	3007
ENSG0000(	680.176	504.4813	0.42923	0.002013	0.004763	DCP1A	chr3	-	53317448	53381637	5998
ENSG0000(	970.1093	488.9229	0.98862	2.96E-15	1.97E-14	SYVN1	chr11	-	64889252	64902004	4547
ENSG0000(	54.57455	43.37187	0.32146	0.44347	0.54907	ZFPL1	chr11	+	64851695	64855870	1369
ENSG0000(	1362.81	339.4987	1.9973	2.24E-21	2.01E-20	RPS6KA4	chr11	+	64126620	64139687	3121
ENSG0000(	4042.392	2119.121	0.92926	2.60E-07	9.77E-07	LRP5	chr11	+	68080077	68216743	5159
ENSG0000(	295.6775	438.9064	-0.56864	7.96E-05	0.00023	TPCN2	chr11	+	68816365	68858072	4376
ENSG0000(	0.975385	809.1362	-9.1962	1.36E-36	2.17E-35	FGF19	chr11	-	69513000	69519410	2447
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	CYP4A22	chr1	+	47603107	47615413	2535
ENSG0000(	0	10.30716	-4.9919	6.52E-05	0.00019	TAL1	chr1	-	47681962	47697892	5008
ENSG0000(	1451.114	527.82	1.4587	4.07E-37	6.63E-36	CMPK1	chr1	+	47799469	47844511	2930
ENSG0000(	12.7492	88.25601	-2.7585	2.53E-15	1.69E-14	BEND5	chr1	-	49193195	49242641	1716
ENSG0000(	1.431782	27.67715	-4.0838	1.68E-06	5.89E-06	ELAVL4	chr1	+	50513686	50669458	3966
ENSG0000(	307.1408	433.4004	-0.49624	0.001487	0.003593	SELRC1	chr1	-	53152508	53164038	1620
ENSG0000(	854.9058	467.6247	0.86716	1.89E-06	6.59E-06	ZYG11B	chr1	+	53192126	53293014	8093
ENSG0000(	5.84196	0.297015	3.3288	0.014428	0.029326	SLC1A7	chr1	-	53552855	53608289	2637
ENSG0000(	525.6693	445.6331	0.23751	0.058977	0.1029	C1orf123	chr1	-	53679771	53686289	1912
ENSG0000(	428.2289	593.3617	-0.46777	0.018935	0.037579	MAGOH	chr1	-	53692564	53704282	756
ENSG0000(	40.35673	85.75844	-1.0856	0.000311	0.000832	ACOT11	chr1	+	55007930	55104865	6369
ENSG0000(	1.608228	6.968031	-1.9043	0.062634	0.10829	FAM151A	chr1	-	55074855	55089229	2005
ENSG0000(	99.95197	229.4237	-1.1939	1.39E-07	5.37E-07	PARS2	chr1	-	55222571	55230187	2347
ENSG0000(	1.628766	2.65044	-0.61379	0.59089	0.6858	C1orf177	chr1	+	55271736	55307925	1777
ENSG0000(	0	21.26334	-5.9977	4.20E-07	1.55E-06	BSND	chr1	+	55464606	55476556	3472
ENSG0000(	1323.957	1490.071	-0.17055	0.11771	0.18578	USP24	chr1	-	55532032	55680786	10549
ENSG0000(	733.1479	893.4348	-0.28422	0.02777	0.053025	PPAP2B	chr1	-	56960419	57110974	3292
ENSG0000(	851.1108	916.2948	-0.10594	0.6431	0.73012	NOL9	chr1	-	6581407	6614595	6649
ENSG0000(	30.82317	161.4375	-2.3661	1.06E-10	5.22E-10	PRKAA2	chr1	+	57110995	57181008	9347
ENSG0000(	984.3329	1125.296	-0.1917	0.46268	0.5678	KLHL21	chr1	-	6650784	6674667	6445
ENSG0000(	4.00423	143.3196	-5.0813	1.38E-26	1.55E-25	ZSWIM5	chr1	-	45482071	45771881	5819
ENSG0000(	598.9217	671.9911	-0.16668	0.15958	0.23922	GMEB1	chr1	+	28995244	29045865	6410
ENSG0000(	71.62945	31.60864	1.1715	0.000106	0.0003	SLC45A1	chr1	+	8377886	8404227	2784
ENSG0000(	5433.893	2568.853	1.079	2.12E-14	1.34E-13	SEPN1	chr1	+	26126667	26144713	4332
ENSG0000(	100.2345	4208.408	-5.3727	3.68E-124	3.10E-122	AK4	chr1	+	65613232	65697828	6998
ENSG0000(	1943.361	864.8146	1.165	5.99E-11	3.02E-10	JAK1	chr1	-	65298912	65432187	5047
ENSG0000(	389.0036	583.9595	-0.58534	3.89E-06	1.31E-05	RAVER2	chr1	+	65210778	65298915	4398
ENSG0000(	1.991846	0	2.4814	0.12503	0.19536	CTRC	chr1	+	15764935	15775737	3147
ENSG0000(	413.4359	229.3687	0.84831	4.92E-09	2.14E-08	LZIC	chr1	-	9982173	10003465	2281
ENSG0000(	0.342542	21.51752	-5.2218	2.94E-06	1.00E-05	RBP7	chr1	+	10057264	10076078	861
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	KNCN	chr1	-	47011316	47017199	2320
ENSG0000(	2790.796	1835.821	0.60336	5.58E-07	2.04E-06	FBLIM1	chr1	+	16083102	16113089	3695
ENSG0000(	0.685084	3.587607	-1.9987	0.13418	0.20712	TMEM82	chr1	+	16068917	16074477	1520
ENSG0000(	10.0629	4.152498	1.1953	0.13278	0.20526	SLC25A34	chr1	+	16062900	16067891	2986
ENSG0000(	23.21626	22.65946	0.034448	0.93366	0.95644	AKR7A3	chr1	-	19609052	19615744	1710

ENSG0000(	3563.098	1032.459	1.7788	3.58E-13	2.09E-12	DRAXIN	chr1	+	11751786	11785914	7346
ENSG0000(	1.774324	1946.733	-9.8753	4.50E-61	1.33E-59	PDPN	chr1	+	13909960	13944452	3104
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	LRRC38	chr1	-	13801445	13840543	2209
ENSG0000(	49.28556	257.9432	-2.384	1.27E-19	1.05E-18	DHRS3	chr1	-	12627939	12677737	1723
ENSG0000(	8.786861	3.867637	1.0821	0.24045	0.33533	MATN1	chr1	-	31184124	31196434	3832
ENSG0000(	141.1927	6.907338	4.2945	5.91E-28	6.97E-27	LAPTM5	chr1	-	31205316	31230667	2223
ENSG0000(	7116.757	1764.824	2.0088	2.43E-51	5.77E-50	SDC3	chr1	-	31342314	31381608	6392
ENSG0000(	730.9447	484.4893	0.59336	5.39E-05	0.000159	PEF1	chr1	-	32095463	32110497	1629
ENSG0000(	327.5236	339.6145	-0.05207	0.79144	0.85153	SYNC	chr1	-	33145507	33169197	3413
ENSG0000(	1645.084	2370.728	-0.52633	4.96E-05	0.000147	RBBP4	chr1	+	33116743	33146258	2385
ENSG0000(	935.3095	2414.012	-1.3661	9.51E-25	9.85E-24	KIAA1522	chr1	+	33207486	33240571	5438
ENSG0000(	7.35508	6.47437	0.15863	0.82694	0.87805	TSSK3	chr1	+	32817122	32829913	1368
ENSG0000(	96.09867	249.3392	-1.3707	1.29E-07	4.99E-07	TMCO4	chr1	-	20008706	20126438	2974
ENSG0000(	0	32.53036	-6.6235	5.46E-09	2.37E-08	UBXN10	chr1	+	20512578	20522541	5571
ENSG0000(	126.8616	231.3867	-0.86395	0.001954	0.004633	CAMK2N1	chr1	-	20808884	20812713	2336
ENSG0000(	63.30159	5391.328	-6.3983	0	0	ALPL	chr1	+	21835858	21904905	2589
ENSG0000(	0.705622	6.829661	-2.8395	0.021953	0.04294	WNT4	chr1	-	22446461	22470462	1182
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	TTLL10	chr1	+	1109264	1133315	2283
ENSG0000(	40.94687	53.54469	-0.38407	0.35494	0.45921	SCNN1D	chr1	+	1215816	1227409	3475
ENSG0000(	1221.271	205.1888	2.5637	1.44E-41	2.62E-40	MXRA8	chr1	-	1288069	1297157	2625
ENSG0000(	888.1139	1060.49	-0.25602	0.057316	0.10028	C1orf86	chr1	-	2115903	2144159	3576
ENSG0000(	457.7957	546.8256	-0.25624	0.15973	0.23938	MEGF6	chr1	-	3406484	3528059	5455
ENSG0000(	1.794048	18.6656	-3.0901	0.000339	0.0009	CCDC27	chr1	+	3668962	3688209	2252
ENSG0000(	0.580602	0.297015	0.36801	0.83644	NA	IL23R	chr1	+	67632083	67725662	2912
ENSG0000(	13.15515	1.012429	3.4086	0.000431	0.00113	DIRAS3	chr1	-	68511645	68517314	1973
ENSG0000(	1.306762	0.715414	0.62012	0.70732	0.78242	C1orf87	chr1	-	60452941	60539442	3012
ENSG0000(	513.8271	210.8942	1.2807	2.00E-11	1.04E-10	NFIA	chr1	+	61330931	61928465	9487
ENSG0000(	44.13146	75.88183	-0.78057	0.005414	0.011978	OMA1	chr1	-	58881056	59012474	2105
ENSG0000(	746.3548	1931.382	-1.3697	2.45E-25	2.60E-24	MYSM1	chr1	-	59120411	59165764	7793
ENSG0000(	262.5293	127.7998	1.0359	2.42E-09	1.08E-08	TM2D1	chr1	-	62146719	62191095	1250
ENSG0000(	1447.506	1112.237	0.37887	0.11304	0.17935	USP1	chr1	+	62901968	62917475	3996
ENSG0000(	2037.112	2570.01	-0.3343	0.048466	0.086613	FUBP1	chr1	-	78409740	78444794	2524
ENSG0000(	177.5384	59.14796	1.5783	1.49E-07	5.73E-07	NEXN	chr1	+	78354198	78409580	3195
ENSG0000(	219.7268	105.855	1.048	0.000173	0.000478	DNAJB4	chr1	+	78444859	78483648	2988
ENSG0000(	625.3163	2.681995	7.7186	5.74E-54	1.45E-52	ELTD1	chr1	-	79355449	79472403	3527
ENSG0000(	2.188831	7.58475	-1.6	0.13171	0.20394	LRRIQ3	chr1	-	74491699	74663871	4524
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	LRRC53	chr1	-	74935562	74978298	3859
ENSG0000(	297.7141	382.678	-0.35897	0.16486	0.24575	TYW3	chr1	+	75198836	75232362	3430
ENSG0000(	10.81897	3.789086	1.3913	0.1708	0.25313	LHX8	chr1	+	75594119	75627218	2373
ENSG0000(	545.5877	216.8197	1.3275	1.41E-19	1.17E-18	SNX7	chr1	+	99127236	99226056	1742
ENSG0000(	98.41848	3.290593	4.7923	7.74E-21	6.77E-20	B3GALT2	chr1	-	1.93E+08	1.93E+08	3274
ENSG0000(	190.0895	33.70298	2.4742	1.23E-12	6.91E-12	NTNG1	chr1	+	1.08E+08	1.08E+08	4703
ENSG0000(	617.4805	839.6268	-0.44169	0.074189	0.12533	FAM102B	chr1	+	1.09E+08	1.09E+08	8333
ENSG0000(	57.84325	87.49111	-0.58995	0.039821	0.073081	HENMT1	chr1	-	1.09E+08	1.09E+08	1874
ENSG0000(	1.846289	0.997859	0.74341	0.59516	0.68957	AKNAD1	chr1	-	1.09E+08	1.1E+08	3053
ENSG0000(	339.5748	415.2745	-0.28937	0.12271	0.19245	C1orf52	chr1	-	85715639	85725355	3388
ENSG0000(	21.13191	0.654722	4.5574	2.56E-06	8.78E-06	WDR63	chr1	+	85464830	85598821	3477
ENSG0000(	55.67659	0	7.361	2.74E-11	1.41E-10	GBP2	chr1	-	89571815	89616139	3687
ENSG0000(	179.8684	286.6335	-0.66545	0.037459	0.069227	ATXN7L2	chr1	+	1.1E+08	1.1E+08	4375
ENSG0000(	37.13783	0.686276	5.3397	6.65E-09	2.86E-08	GBP4	chr1	-	89646831	89664615	6127
ENSG0000(	380.1621	416.4718	-0.12979	0.59153	0.68644	ZNF326	chr1	+	90460671	90494097	2729
ENSG0000(	2.572449	24.31037	-3.0791	1.42E-05	4.47E-05	HFM1	chr1	-	91726323	91870426	4931
ENSG0000(	0.290301	2.056411	-1.914	0.21479	0.3057	FAM5C	chr1	-	1.9E+08	1.9E+08	2889
ENSG0000(	20.11724	7.288479	1.4282	0.039103	0.071926	GFI1	chr1	-	92940319	92952433	2855
ENSG0000(	74.00654	92.00059	-0.31245	0.21157	0.30194	KCNT2	chr1	-	1.96E+08	1.97E+08	5883
ENSG0000(	447.2693	494.6046	-0.14312	0.39471	0.49923	AGL	chr1	+	1E+08	1E+08	7446
ENSG0000(	608.6382	0	10.529	7.98E-23	7.63E-22	VCAM1	chr1	+	1.01E+08	1.01E+08	3865
ENSG0000(	859.3968	557.9045	0.62347	1.49E-06	5.24E-06	EXTL2	chr1	-	1.01E+08	1.01E+08	3985
ENSG0000(	868.8742	372.0996	1.2226	1.36E-18	1.07E-17	SLC30A7	chr1	+	1.01E+08	1.01E+08	7898
ENSG0000(	0.342542	0	0.4146	0.81455	NA	DNAJA1P5	chr1	+	1.02E+08	1.02E+08	943
ENSG0000(	608.7014	1204.735	-0.98295	6.47E-10	3.03E-09	ZNF281	chr1	-	2E+08	2E+08	3132
ENSG0000(	3621.967	1321.353	1.4536	5.08E-50	1.17E-48	ARPC5	chr1	-	1.84E+08	1.84E+08	2985
ENSG0000(	0.705622	36.02418	-5.2891	1.31E-08	5.50E-08	CADM3	chr1	+	1.59E+08	1.59E+08	3745
ENSG0000(	49.77383	3.025133	3.9398	2.26E-11	1.17E-10	NLRP3	chr1	+	2.48E+08	2.48E+08	4318
ENSG0000(	1659.884	2346.598	-0.499	5.24E-08	2.09E-07	ZNF496	chr1	-	2.47E+08	2.47E+08	9243

ENSG0000(	11.48352	40.13297	-1.7799	4.54E-05	0.000135	TRIM58	chr1	+	2.48E+08	2.48E+08	3225
ENSG0000(	1.027626	6.624893	-2.3532	0.048871	0.087246	KCNJ9	chr1	+	1.6E+08	1.6E+08	4170
ENSG0000(	886.3645	2370.372	-1.4169	2.67E-26	2.93E-25	IGSF8	chr1	-	1.6E+08	1.6E+08	2366
ENSG0000(	1895.431	1.652581	9.8607	5.01E-65	1.64E-63	DDR2	chr1	+	1.63E+08	1.63E+08	3207
ENSG0000(	3837.497	1158.07	1.7195	3.36E-11	1.72E-10	PEA15	chr1	+	1.6E+08	1.6E+08	2694
ENSG0000(	429.399	640.4404	-0.57564	8.07E-05	0.000233	PEX19	chr1	-	1.6E+08	1.6E+08	3661
ENSG0000(	1555.735	929.7419	0.74129	5.37E-05	0.000158	NCSTN	chr1	+	1.6E+08	1.6E+08	3031
ENSG0000(	1526.14	2635.167	-0.78733	2.89E-15	1.92E-14	VANGL2	chr1	+	1.6E+08	1.6E+08	5340
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	SLAMF6	chr1	-	1.6E+08	1.6E+08	2743
ENSG0000(	2587.048	177.7042	3.854	1.80E-121	1.43E-119	OLFML2B	chr1	-	1.62E+08	1.62E+08	3160
ENSG0000(	36.30621	5.286312	2.7187	2.43E-07	9.17E-07	FCRLB	chr1	+	1.62E+08	1.62E+08	1989
ENSG0000(	0	1.058552	-1.361	0.4451	NA	SLC9C2	chr1	-	1.73E+08	1.74E+08	4428
ENSG0000(	11.12044	108.1397	-3.2378	1.11E-16	7.96E-16	KLHDC9	chr1	+	1.61E+08	1.61E+08	1333
ENSG0000(	65.97494	83.01515	-0.32883	0.35802	0.46235	C1orf74	chr1	-	2.1E+08	2.1E+08	1576
ENSG0000(	254.9311	1201.386	-2.2329	1.90E-64	6.12E-63	FLVCR1	chr1	+	2.13E+08	2.13E+08	5939
ENSG0000(	93.36331	302.4699	-1.6873	2.15E-12	1.19E-11	ATF3	chr1	+	2.13E+08	2.13E+08	2117
ENSG0000(	346.3786	700.1765	-1.0153	4.95E-17	3.62E-16	RBM15	chr1	+	1.11E+08	1.11E+08	4244
ENSG0000(	1.286224	22.0606	-3.8096	1.08E-05	3.45E-05	DENND2D	chr1	-	1.12E+08	1.12E+08	3207
ENSG0000(	0.36308	0.686276	-0.48701	0.78478	NA	AXDND1	chr1	+	1.79E+08	1.8E+08	3642
ENSG0000(	0	21.67375	-6.0328	3.29E-07	1.23E-06	TDRD5	chr1	+	1.8E+08	1.8E+08	3678
ENSG0000(	2089.885	572.7364	1.8541	5.55E-10	2.61E-09	IER5	chr1	+	1.81E+08	1.81E+08	2340
ENSG0000(	1688.455	62.72282	4.7345	9.02E-119	6.86E-117	SNED1	chr2	+	2.42E+08	2.42E+08	8174
ENSG0000(	394.1578	260.8138	0.59334	2.77E-05	8.43E-05	BPNT1	chr1	-	2.2E+08	2.2E+08	2737
ENSG0000(	4.128436	14.63691	-1.7237	0.016053	0.032321	SPATA17	chr1	+	2.18E+08	2.18E+08	5818
ENSG0000(	6.628106	489.8642	-6.0851	2.21E-53	5.54E-52	C1orf115	chr1	+	2.21E+08	2.21E+08	3413
ENSG0000(	480.6442	363.8002	0.40222	0.011673	0.024174	BROX	chr1	+	2.23E+08	2.23E+08	4124
ENSG0000(	1.286224	0	1.8436	0.2818	NA	NBPF8	chr1	+	1.44E+08	1.44E+08	11691
ENSG0000(	91.27896	221.3131	-1.2721	4.12E-07	1.52E-06	ACP6	chr1	-	1.47E+08	1.47E+08	1788
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	MT2P1	chr4	+	69242041	69242226	186
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	WDR64	chr1	+	2.42E+08	2.42E+08	4371
ENSG0000(	3607.47	50.92635	6.1259	2.85E-146	3.12E-144	KIF26B	chr1	+	2.45E+08	2.46E+08	12113
ENSG0000(	237.9593	364.2751	-0.61095	0.006204	0.013572	TFB2M	chr1	-	2.47E+08	2.47E+08	1848
ENSG0000(	420.3275	254.8759	0.7222	1.31E-06	4.65E-06	CNST	chr1	+	2.47E+08	2.47E+08	5126
ENSG0000(	233.4425	288.3344	-0.30379	0.05631	0.098715	PPP1R21	chr2	+	48667737	48742525	3208
ENSG0000(	320.8321	20.36431	3.9486	9.56E-49	2.11E-47	KLHDC8A	chr1	-	2.05E+08	2.05E+08	3177
ENSG0000(	14.0157	7.987708	0.77375	0.29226	0.39416	PM20D1	chr1	-	2.06E+08	2.06E+08	2152
ENSG0000(	172.8293	262.875	-0.59993	0.002171	0.005109	PKDCC	chr2	+	42275160	42285668	2502
ENSG0000(	79.98641	43.81853	0.85665	0.009847	0.020723	OXER1	chr2	-	42989642	42991401	1760
ENSG0000(	385.5522	72.99278	2.3892	1.07E-34	1.61E-33	HAAO	chr2	-	42994229	43019733	1522
ENSG0000(	372.0449	417.3305	-0.16423	0.20765	0.29743	B3GALNT2	chr1	-	2.36E+08	2.36E+08	3034
ENSG0000(	8.536009	1.874334	1.9754	0.045838	0.082464	C1orf147	chr1	-	2.07E+08	2.07E+08	2096
ENSG0000(	1998.297	1158.574	0.78606	1.65E-12	9.25E-12	MAPKAPK2	chr1	+	2.07E+08	2.07E+08	2961
ENSG0000(	0.342542	0	0.4146	0.81455	NA	IL20	chr1	+	2.07E+08	2.07E+08	1553
ENSG0000(	0.342542	0	0.4146	0.81455	NA	IL24	chr1	+	2.07E+08	2.07E+08	1819
ENSG0000(	0	1.698704	-2.2257	0.18075	NA	FAIM3	chr1	-	2.07E+08	2.07E+08	1950
ENSG0000(	0.290301	0.594029	-0.38058	0.83094	NA	PIGR	chr1	-	2.07E+08	2.07E+08	4279
ENSG0000(	5345.951	693.1149	2.9435	1.38E-160	1.83E-158	CAPN2	chr1	+	2.24E+08	2.24E+08	4130
ENSG0000(	408.8082	313.9009	0.38013	0.020837	0.040942	MRPL55	chr1	-	2.28E+08	2.28E+08	1423
ENSG0000(	13.7254	7.206769	0.88919	0.14546	0.22104	C1orf145	chr1	-	2.28E+08	2.28E+08	2893
ENSG0000(	1965.179	1173.075	0.74298	7.48E-11	3.74E-10	WDR26	chr1	-	2.25E+08	2.25E+08	6872
ENSG0000(	46.66201	23.96723	0.95968	0.014552	0.029552	REL	chr2	+	61108656	61150645	3155
ENSG0000(	79.6507	35.3322	1.1629	7.20E-05	0.000208	PUS10	chr2	-	61167357	61245394	6366
ENSG0000(	396.9548	260.8138	0.60476	7.59E-06	2.47E-05	PEX13	chr2	+	61244360	61276394	1739
ENSG0000(	454.8536	198.4494	1.1957	9.22E-13	5.26E-12	KIAA1841	chr2	+	61293006	61391960	4516
ENSG0000(	42.64581	26.35388	0.68997	0.050055	0.089041	TRIM17	chr1	-	2.29E+08	2.29E+08	2652
ENSG0000(	193.1733	25.40785	2.8984	9.95E-27	1.12E-25	RFTN2	chr2	-	1.98E+08	1.99E+08	3251
ENSG0000(	144.2129	30.97003	2.2105	2.07E-14	1.31E-13	DISC1	chr1	+	2.32E+08	2.32E+08	7059
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AC007364.	chr2	-	1.51E+08	1.51E+08	1832
ENSG0000(	0	30.22951	-6.5049	1.51E-08	6.33E-08	CAPN13	chr2	-	30945637	31043408	2683
ENSG0000(	8.901694	22.01756	-1.2495	0.076836	0.12911	LRRTM1	chr2	-	80515483	80531874	4023
ENSG0000(	117.0447	154.3596	-0.39769	0.21068	0.3009	MEMO1	chr2	-	32092878	32236299	1756
ENSG0000(	506.5959	822.4963	-0.69886	1.13E-08	4.79E-08	DPY30	chr2	-	32092878	32264881	1519
ENSG0000(	169.899	222.0315	-0.38497	0.032761	0.06137	TYW5	chr2	-	2.01E+08	2.01E+08	6525
ENSG0000(	109.2692	205.5986	-0.90633	0.000117	0.00033	C2orf47	chr2	+	2.01E+08	2.01E+08	1495
ENSG0000(	0	10.06843	-4.9407	9.18E-05	0.000263	KCNF1	chr2	+	11052063	11054350	2288

ENSG0000(	175.7477	185.3877	-0.07664	0.72349	0.79545	PQLC3	chr2	+	11295324	11319000	1830
ENSG0000(	1445.28	933.8618	0.62926	3.67E-05	0.00011	ARL5A	chr2	-	1.53E+08	1.53E+08	5326
ENSG0000(	1257.455	33.50157	5.2164	6.62E-142	6.74E-140	FAM84A	chr2	+	14772810	14790933	6355
ENSG0000(	4.656798	2.309719	0.90695	0.42715	0.53254	KCNJ3	chr2	+	1.56E+08	1.56E+08	5021
ENSG0000(	0	2.041842	-2.4837	0.12741	0.19837	NEUROD1	chr2	-	1.83E+08	1.83E+08	2852
ENSG0000(	73.23931	32.41388	1.1667	0.000177	0.00049	CLHC1	chr2	-	55401927	55459699	2248
ENSG0000(	30.47965	32.63235	-0.10203	0.78613	0.84701	PRORSD1P	chr2	+	55509455	55511658	2154
ENSG0000(	56.26673	33.86733	0.72378	0.048785	0.087117	FRZB	chr2	-	1.84E+08	1.84E+08	3162
ENSG0000(	30.92244	51.34017	-0.7232	0.079298	0.13252	DUSP19	chr2	+	1.84E+08	1.84E+08	5176
ENSG0000(	345.0239	227.5624	0.59932	0.000213	0.000581	CCDC104	chr2	+	55746740	55773015	2048
ENSG0000(	171.2011	315.2705	-0.87631	0.000705	0.00179	NUP35	chr2	+	1.84E+08	1.84E+08	2828
ENSG0000(	101.1965	204.4687	-1.0059	2.87E-05	8.71E-05	CCDC138	chr2	+	1.09E+08	1.09E+08	2383
ENSG0000(	7.842365	84.41461	-3.3385	3.10E-09	1.37E-08	C2orf48	chr2	+	10281509	10351851	1897
ENSG0000(	0.72616	0	0.85004	0.63064	NA	ZSWIM2	chr2	-	1.88E+08	1.88E+08	2091
ENSG0000(	123.0306	624.5445	-2.3331	3.99E-47	8.38E-46	FBXO41	chr2	-	73481810	73511559	7336
ENSG0000(	367.4062	8.469216	5.1095	1.95E-09	8.78E-09	ACTG2	chr2	+	74119441	74146992	2064
ENSG0000(	163.247	352.5992	-1.1087	1.28E-11	6.72E-11	C2orf44	chr2	-	24252210	24272445	3817
ENSG0000(	818.2669	1009.045	-0.30113	0.065996	0.11331	SMC6	chr2	-	17845079	17981509	5233
ENSG0000(	116.2902	981.0607	-3.0679	2.57E-84	1.16E-82	VSNL1	chr2	+	17720393	17838285	2725
ENSG0000(	265.9208	187.7151	0.499	0.003601	0.0082	CCDC74A	chr2	+	1.32E+08	1.32E+08	2809
ENSG0000(	3245.433	6307.128	-0.95752	7.73E-20	6.47E-19	H3F3A	chr1	+	2.26E+08	2.26E+08	1863
ENSG0000(	0	2.976593	-2.7957	0.092852	0.15184	ANKRD30B	chr2	-	1.33E+08	1.33E+08	3253
ENSG0000(	103.302	899.7213	-3.1149	5.35E-70	1.92E-68	ADCK3	chr1	+	2.27E+08	2.27E+08	5523
ENSG0000(	55.4369	64.01689	-0.20346	0.62197	0.71246	SLC16A14	chr2	-	2.31E+08	2.31E+08	4390
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	TEKT4	chr2	+	95537178	95542574	2212
ENSG0000(	103.2499	4.351561	4.4968	1.10E-20	9.58E-20	EN1	chr2	-	1.2E+08	1.2E+08	2457
ENSG0000(	88.02918	57.10309	0.61466	0.04005	0.07347	ZNF2	chr2	+	95831177	95850065	3888
ENSG0000(	2633.619	348.7665	2.912	6.87E-130	6.17E-128	SGCB	chr4	-	52886872	52904648	4431
ENSG0000(	299.7915	76.17979	1.9653	1.30E-14	8.33E-14	SPATA18	chr4	+	52917497	52963458	4396
ENSG0000(	18.29907	25.12782	-0.46027	0.30855	0.41024	NOSTRIN	chr2	+	1.7E+08	1.7E+08	2537
ENSG0000(	0.580602	5.637571	-2.6383	0.046455	0.083465	PCDP1	chr2	+	1.2E+08	1.2E+08	3294
ENSG0000(	3.133327	0.343138	2.4263	0.1002	0.16174	CCDC140	chr2	+	2.23E+08	2.23E+08	1699
ENSG0000(	2.86275	10.96672	-1.7901	0.042256	0.076915	SGPP2	chr2	+	2.23E+08	2.23E+08	3336
ENSG0000(	1.701545	5.069391	-1.3904	0.23513	0.32903	INHBB	chr2	+	1.21E+08	1.21E+08	3204
ENSG0000(	0.870904	3.945314	-1.768	0.16861	0.25032	XIRP2	chr2	+	1.68E+08	1.68E+08	12675
ENSG0000(	136.8226	20.31731	2.7383	8.23E-19	6.53E-18	BBS5	chr2	+	1.7E+08	1.7E+08	3475
ENSG0000(	804.3255	864.9364	-0.104	0.6742	0.75593	SMARCAD1	chr4	+	95128762	95212443	5017
ENSG0000(	0	1.773966	-2.0065	0.25182	NA	HPGDS	chr4	-	95219686	95264027	1636
ENSG0000(	3282.761	745.1806	2.1376	6.15E-115	4.39E-113	PDLIM5	chr4	+	95373037	95589377	6083
ENSG0000(	706.1365	463.9121	0.60445	2.03E-06	7.06E-06	OTUD7B	chr1	-	1.5E+08	1.5E+08	6352
ENSG0000(	0.653381	1.340997	-0.79074	0.59756	0.69176	STPG2	chr4	-	98105244	99064391	4203
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	NEURL3	chr2	-	97163383	97173846	1710
ENSG0000(	1092.106	964.544	0.17814	0.097947	0.15859	RPRD2	chr1	+	1.5E+08	1.5E+08	7605
ENSG0000(	8.487187	7.579045	0.14237	0.83763	0.88597	ANKRD23	chr2	-	97490263	97523671	2597
ENSG0000(	72.5345	2.529055	4.6546	7.37E-16	5.07E-15	CTSS	chr1	-	1.51E+08	1.51E+08	4107
ENSG0000(	2103.014	7.598447	8.0436	2.49E-137	2.37E-135	MSX1	chr4	+	4861393	4865663	1939
ENSG0000(	179.4665	145.1631	0.30525	0.10259	0.16488	PACRGL	chr4	+	20697905	20754530	2073
ENSG0000(	5.144897	67.0112	-3.6144	1.01E-14	6.49E-14	BNIPL	chr1	+	1.51E+08	1.51E+08	2336
ENSG0000(	2.012384	0	2.4635	0.13092	0.20286	C1QTNF7	chr4	+	15341442	15447790	4516
ENSG0000(	1.411244	3.183777	-1.0555	0.39126	0.49571	TNFAIP8L2	chr1	+	1.51E+08	1.51E+08	1178
ENSG0000(	166.2404	124.4429	0.41525	0.056879	0.099599	LYSMD1	chr1	-	1.51E+08	1.51E+08	2479
ENSG0000(	525.669	473.0016	0.15243	0.27649	0.37672	SCNM1	chr1	+	1.51E+08	1.51E+08	2016
ENSG0000(	1021.025	1412.282	-0.46674	4.31E-05	0.000128	VPS72	chr1	-	1.51E+08	1.51E+08	4267
ENSG0000(	1016.752	889.1839	0.19323	0.19625	0.2843	ERCC3	chr2	-	1.28E+08	1.28E+08	4018
ENSG0000(	758.9863	443.3186	0.77147	0.000903	0.002255	RNF149	chr2	-	1.02E+08	1.02E+08	2458
ENSG0000(	1115.527	1543.302	-0.4675	3.22E-06	1.09E-05	IWS1	chr2	-	1.28E+08	1.28E+08	2958
ENSG0000(	175.4204	345.1475	-0.97272	6.74E-07	2.44E-06	BOLA3	chr2	-	74362525	74375121	2982
ENSG0000(	1465.412	322.5919	2.1814	1.85E-70	6.74E-69	CDC42EP3	chr2	-	37869032	37965611	5700
ENSG0000(	5041.41	637.9399	2.9758	1.92E-62	5.96E-61	S100A11	chr1	-	1.52E+08	1.52E+08	594
ENSG0000(	514.0439	548.0318	-0.09211	0.5995	0.69359	DHX57	chr2	-	39024871	39103075	5518
ENSG0000(	0.36308	0	0.4146	0.81455	NA	SPRR2D	chr1	-	1.53E+08	1.53E+08	800
ENSG0000(	0.632843	22.70075	-4.6333	3.59E-06	1.21E-05	ARHGAP25	chr2	+	68906733	69053965	2979
ENSG0000(	57.41163	0.700845	5.951	1.67E-11	8.70E-11	S100A9	chr1	+	1.53E+08	1.53E+08	577
ENSG0000(	3.10081	0	3.0786	0.048272	0.086284	S100A12	chr1	-	1.53E+08	1.53E+08	516
ENSG0000(	8.649863	10.7741	-0.28865	0.69605	0.77339	TGFA	chr2	-	70674412	70781325	4310

ENSG0000(	0	1.340997	-1.8899	0.26871	NA	TDRD10	chr1	+	1.54E+08	1.55E+08	2331
ENSG0000(	801.5158	732.3251	0.12923	0.34081	0.44476	CCNYL1	chr2	+	2.09E+08	2.09E+08	3767
ENSG0000(	263.877	3112.614	-3.5554	1.82E-217	4.78E-215	FZD5	chr2	-	2.09E+08	2.09E+08	6708
ENSG0000(	859.5908	1127.196	-0.39029	0.012027	0.024862	DCAF16	chr4	-	17802278	17812381	4548
ENSG0000(	0.342542	1.370136	-1.2729	0.45239	NA	C1orf189	chr1	-	1.54E+08	1.54E+08	387
ENSG0000(	0	9.170934	-4.8236	0.000142	0.000398	NPPC	chr2	-	2.33E+08	2.33E+08	1051
ENSG0000(	307.7918	145.0101	1.0841	3.12E-11	1.60E-10	GNPDA2	chr4	-	44703885	44728612	5382
ENSG0000(	0	7.131508	-4.3997	0.001071	0.002642	ALPP	chr2	+	2.33E+08	2.33E+08	2971
ENSG0000(	0	4.242329	-3.6422	0.011122	0.023147	GABRG1	chr4	-	46037786	46126098	6785
ENSG0000(	0	66.99837	-7.593	8.80E-12	4.68E-11	ALPPL2	chr2	+	2.33E+08	2.33E+08	2493
ENSG0000(	0.342542	1.309443	-1.2504	0.45877	NA	GABRB1	chr4	+	46995740	47428461	2143
ENSG0000(	442.5113	424.9848	0.057383	0.66117	0.74497	PAQR3	chr4	-	79808281	79860592	9811
ENSG0000(	48.52982	74.4696	-0.60728	0.03892	0.071644	NIPAL1	chr4	+	47916159	48042188	5298
ENSG0000(	3341.492	167.888	4.3057	2.40E-142	2.47E-140	ANTXR2	chr4	-	80822303	81046608	8273
ENSG0000(	101.7725	99.45563	0.037304	0.89345	0.92608	HELQ	chr4	-	84328496	84377009	3579
ENSG0000(	89.71777	117.274	-0.38257	0.13823	0.21169	MRPS18C	chr4	+	84377085	84390888	2482
ENSG0000(	1682.001	1124.889	0.58016	1.70E-08	7.08E-08	CGGBP1	chr3	-	88101094	88199035	5298
ENSG0000(	149.7113	138.8563	0.10699	0.66621	0.74916	FAM175A	chr4	-	84382092	84444501	2869
ENSG0000(	85.21174	14.54949	2.5244	1.78E-13	1.06E-12	GPR155	chr2	-	1.75E+08	1.75E+08	6730
ENSG0000(	443.0984	509.1912	-0.19992	0.13891	0.21256	PMVK	chr1	-	1.55E+08	1.55E+08	1280
ENSG0000(	1784.872	946.8864	0.91089	3.64E-05	0.000109	PBXIP1	chr1	-	1.55E+08	1.55E+08	3212
ENSG0000(	27.07232	85.30124	-1.6304	6.16E-07	2.24E-06	CLDN1	chr3	-	1.9E+08	1.9E+08	3481
ENSG0000(	884.253	970.2061	-0.13378	0.24464	0.34037	PYGO2	chr1	-	1.55E+08	1.55E+08	3146
ENSG0000(	1210.519	1017.063	0.25064	0.03001	0.056778	HIPK1	chr1	+	1.14E+08	1.15E+08	8157
ENSG0000(	0.36308	1.029414	-0.84272	0.63492	NA	LENEP	chr1	+	1.55E+08	1.55E+08	649
ENSG0000(	8.143832	16.84551	-1.0149	0.109	0.17366	DCST2	chr1	-	1.55E+08	1.55E+08	2494
ENSG0000(	6.036339	7.844505	-0.34842	0.64745	0.73363	DCST1	chr1	+	1.55E+08	1.55E+08	2279
ENSG0000(	198999.1	50.16078	11.9	0	0	COL6A3	chr2	-	2.38E+08	2.38E+08	10749
ENSG0000(	230.1269	1157.337	-2.3221	7.38E-33	1.05E-31	C1orf106	chr1	+	2.01E+08	2.01E+08	4298
ENSG0000(	60.65539	2.713549	4.374	3.89E-13	2.27E-12	AC017048.	chr2	-	1.77E+08	1.78E+08	1407
ENSG0000(	447.062	403.3755	0.14982	0.30143	0.40279	YY1AP1	chr1	-	1.56E+08	1.56E+08	2927
ENSG0000(	30.80002	214.5321	-2.7696	3.60E-15	2.38E-14	KBTBD8	chr3	+	67048727	67061634	4684
ENSG0000(	0	73.57781	-7.7467	1.45E-12	8.11E-12	FAM19A4	chr3	-	68780917	68981761	2292
ENSG0000(	738.6931	255.1111	1.5295	3.02E-13	1.77E-12	EOGT	chr3	-	69024365	69063112	4731
ENSG0000(	2.967231	0	3.0796	0.043507	0.078876	LMOD3	chr3	-	69156023	69172183	4086
ENSG0000(	943.824	1126.42	-0.25556	0.035605	0.066179	APOA1BP	chr1	+	1.57E+08	1.57E+08	1125
ENSG0000(	616.3683	105.2657	2.545	5.81E-54	1.47E-52	NBPF10	chr1	+	1.45E+08	1.45E+08	10697
ENSG0000(	311.6231	227.2027	0.45622	0.008016	0.017128	POGLUT1	chr3	+	1.19E+08	1.19E+08	3598
ENSG0000(	7.903165	72.90934	-3.117	3.14E-11	1.61E-10	SLC22A15	chr1	+	1.17E+08	1.17E+08	4720
ENSG0000(	12.09582	0	5.23	1.92E-05	5.96E-05	CCKAR	chr4	-	26483022	26492084	1720
ENSG0000(	10.4585	3.353702	1.5379	0.076186	0.12812	IGFN1	chr1	+	2.01E+08	2.01E+08	11810
ENSG0000(	3507.686	5846.712	-0.73594	1.83E-08	7.58E-08	ATP1A1	chr1	+	1.17E+08	1.17E+08	3763
ENSG0000(	21.33827	56.83025	-1.3987	5.46E-05	0.000161	SLC15A2	chr3	+	1.22E+08	1.22E+08	5673
ENSG0000(	30.51233	245.5749	-2.9999	1.72E-31	2.33E-30	EIF4E3	chr3	-	71728440	71803924	6205
ENSG0000(	0	8.856934	-4.7449	0.000237	0.000644	PROK2	chr3	-	71820807	71834357	1549
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	C3orf30	chr3	+	1.19E+08	1.19E+08	1858
ENSG0000(	965.4943	525.2835	0.8757	7.96E-11	3.97E-10	LRRC58	chr3	-	1.2E+08	1.2E+08	7903
ENSG0000(	27847.08	6233.753	2.1581	8.74E-123	7.12E-121	FSTL1	chr3	-	1.2E+08	1.2E+08	5943
ENSG0000(	4.668776	31.09316	-2.6587	2.22E-05	6.84E-05	LMOD1	chr1	-	2.02E+08	2.02E+08	3970
ENSG0000(	0.72616	69.93106	-6.2132	2.17E-12	1.20E-11	ELF3	chr1	+	2.02E+08	2.02E+08	4994
ENSG0000(	0	1.652581	-2.1974	0.1871	NA	PDCL2	chr4	-	56422692	56458379	861
ENSG0000(	1103.695	1693.698	-0.6165	3.41E-09	1.50E-08	TMEM183A	chr1	+	2.03E+08	2.03E+08	3019
ENSG0000(	37.71745	47.35754	-0.3223	0.4476	0.55306	TMEM169	chr2	+	2.17E+08	2.17E+08	3460
ENSG0000(	1395.544	3.818224	8.4443	1.51E-83	6.74E-82	IGFBP7	chr4	-	57896939	57976551	1427
ENSG0000(	376.6589	154.1844	1.2855	7.91E-15	5.14E-14	TRIM46	chr1	+	1.55E+08	1.55E+08	3318
ENSG0000(	1078.683	707.0364	0.60938	8.56E-06	2.77E-05	KRTCAP2	chr1	-	1.55E+08	1.55E+08	3264
ENSG0000(	5592.306	2578.743	1.1161	6.38E-27	7.22E-26	ARPC2	chr2	+	2.19E+08	2.19E+08	2226
ENSG0000(	1.597063	13.31531	-2.8348	0.001084	0.002674	TSACC	chr1	+	1.56E+08	1.56E+08	751
ENSG0000(	4177.398	8023.292	-0.94045	3.46E-16	2.42E-15	CCT3	chr1	-	1.56E+08	1.56E+08	2150
ENSG0000(	72.14909	42.39973	0.76081	0.008078	0.01725	TMEM79	chr1	+	1.56E+08	1.56E+08	2442
ENSG0000(	4131.726	1777.209	1.2165	7.41E-28	8.73E-27	SSR2	chr1	-	1.56E+08	1.56E+08	5166
ENSG0000(	490.0768	338.7323	0.5319	0.006448	0.014059	RNF25	chr2	-	2.2E+08	2.2E+08	1914
ENSG0000(	445.1619	391.5173	0.18521	0.4199	0.52538	STK36	chr2	+	2.2E+08	2.2E+08	4933
ENSG0000(	7.719951	59.54239	-2.8922	8.67E-08	3.40E-07	ADORA1	chr1	+	2.03E+08	2.03E+08	3407
ENSG0000(	2025.798	962.8738	1.0707	1.40E-09	6.40E-09	SRGAP2	chr1	+	2.07E+08	2.07E+08	5967

ENSG0000(	23.83956	4.472946	2.3387	0.00076	0.00192	NEK10	chr3	-	27151576	27410951	4250
ENSG0000(	2.572449	23.4508	-2.9766	0.000431	0.001129	CCDC141	chr2	-	1.8E+08	1.8E+08	9127
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	FEV	chr2	-	2.2E+08	2.2E+08	1879
ENSG0000(	1.370168	2.621302	-0.76818	0.58538	0.68111	IHH	chr2	-	2.2E+08	2.2E+08	2019
ENSG0000(	437.4366	336.9524	0.37641	0.082827	0.13764	KIAA1524	chr3	-	1.08E+08	1.08E+08	4075
ENSG0000(	0	62.6691	-7.3855	3.23E-10	1.54E-09	EOMES	chr3	-	27757440	27764206	3386
ENSG0000(	363.543	500.0796	-0.45593	0.089963	0.14772	CWC22	chr2	-	1.81E+08	1.81E+08	3280
ENSG0000(	372.8617	169.4428	1.1341	4.53E-14	2.79E-13	AZI2	chr3	-	28356494	28390618	4706
ENSG0000(	1445.082	191.6727	2.9075	6.45E-84	2.89E-82	TGFBR2	chr3	+	30647994	30735634	4621
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RETNLB	chr3	-	1.08E+08	1.08E+08	676
ENSG0000(	436.9671	867.377	-0.98773	3.25E-09	1.43E-08	ANKZF1	chr2	+	2.2E+08	2.2E+08	3245
ENSG0000(	185.5732	282.9669	-0.60968	0.001644	0.003939	HDAC11	chr3	+	13521224	13547916	2960
ENSG0000(	1087.835	1208.148	-0.15133	0.30793	0.40971	FBLN2	chr3	+	13573824	13679922	4318
ENSG0000(	123.5098	65.14424	0.91106	0.000378	0.000998	GLB1L	chr2	-	2.2E+08	2.2E+08	2745
ENSG0000(	3925.165	2167.877	0.8559	5.20E-20	4.39E-19	STT3B	chr3	+	31574130	31679112	4246
ENSG0000(	146.1909	341.6104	-1.2247	5.92E-14	3.62E-13	CHCHD4	chr3	-	14153580	14166370	1600
ENSG0000(	0.36308	269.2442	-8.6329	5.50E-19	4.41E-18	DPPA2	chr3	-	1.09E+08	1.09E+08	1383
ENSG0000(	5.124359	308.3379	-5.803	1.58E-49	3.57E-48	NFASC	chr1	+	2.05E+08	2.05E+08	10654
ENSG0000(	417.5072	443.8552	-0.08659	0.70337	0.77936	SGOL2	chr2	+	2.01E+08	2.01E+08	4214
ENSG0000(	264.6605	58.0498	2.1882	7.24E-23	6.95E-22	SERPINI1	chr3	+	1.67E+08	1.68E+08	1907
ENSG0000(	889.6973	852.2164	0.061199	0.59427	0.68881	CLASP2	chr3	-	33537737	33759848	7282
ENSG0000(	567.4063	495.8113	0.19473	0.22177	0.31393	SUCLG1	chr2	-	84650647	84687169	1765
ENSG0000(	52.04318	128.5947	-1.2921	0.0002	0.000549	NUAK2	chr1	-	2.05E+08	2.05E+08	3405
ENSG0000(	1057.492	1875.133	-0.82579	2.74E-14	1.72E-13	PRKCI	chr3	+	1.7E+08	1.7E+08	4950
ENSG0000(	9.535351	0.343138	4.0216	0.001335	0.00325	MNDA	chr1	+	1.59E+08	1.59E+08	1752
ENSG0000(	1075.03	22.35828	5.554	2.50E-64	8.02E-63	IFI16	chr1	+	1.59E+08	1.59E+08	4138
ENSG0000(	0	17.26633	-5.7316	1.51E-06	5.31E-06	AIM2	chr1	-	1.59E+08	1.59E+08	1529
ENSG0000(	5.114008	11.47582	-1.1217	0.16239	0.24276	EFHB	chr3	-	19920964	19988517	2823
ENSG0000(	101.7821	32.23181	1.6439	1.83E-08	7.61E-08	EIF5A2	chr3	-	1.71E+08	1.71E+08	5593
ENSG0000(	428.7657	508.3542	-0.24395	0.30007	0.40166	RPL22L1	chr3	-	1.71E+08	1.71E+08	2190
ENSG0000(	48.07505	424.21	-3.1272	8.46E-37	1.36E-35	PPM1L	chr3	+	1.6E+08	1.61E+08	10934
ENSG0000(	111.1572	47.68288	1.2067	3.38E-06	1.14E-05	ICA1L	chr2	-	2.04E+08	2.04E+08	5173
ENSG0000(	877.8929	1373.843	-0.64583	3.64E-10	1.73E-09	SNHG16	chr17	+	74553848	74561430	3607
ENSG0000(	16.25677	0	5.6521	1.97E-06	6.87E-06	CTLA4	chr2	+	2.05E+08	2.05E+08	1977
ENSG0000(	730.2086	786.8543	-0.10673	0.52575	0.62766	RYBP	chr3	-	72423744	72496069	4744
ENSG0000(	783.3621	799.1355	-0.02806	0.90207	0.93238	PPP4R2	chr3	+	73045936	73118350	4984
ENSG0000(	0.72616	2.171348	-1.1873	0.45392	0.5593	CD200R1	chr3	-	1.13E+08	1.13E+08	3679
ENSG0000(	311.5435	287.7898	0.11559	0.48474	0.58873	GTPBP8	chr3	+	1.13E+08	1.13E+08	1787
ENSG0000(	549.6361	602.9656	-0.13294	0.246	0.34183	C3orf17	chr3	-	1.13E+08	1.13E+08	4992
ENSG0000(	377.3692	198.0093	0.92683	6.75E-10	3.16E-09	SPICE1	chr3	-	1.13E+08	1.13E+08	5417
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	FAM86KP	chr4	+	9155022	9167177	987
ENSG0000(	36.92112	22.20467	0.71567	0.1389	0.21256	KIAA1407	chr3	-	1.14E+08	1.14E+08	3976
ENSG0000(	152.4158	134.5467	0.18011	0.36122	0.46537	CADPS	chr3	-	62384022	62861054	5471
ENSG0000(	38.24923	6.782665	2.4415	2.34E-05	7.20E-05	NKX6-1	chr4	-	85413140	85419603	2628
ENSG0000(	67.75562	427.0896	-2.6425	3.77E-33	5.40E-32	CDS1	chr4	+	85504132	85572491	4461
ENSG0000(	1423.904	851.0275	0.74156	2.42E-08	9.93E-08	WDFY3	chr4	-	85590704	85887544	14255
ENSG0000(	419.4147	606.6753	-0.53239	0.001827	0.004349	COX18	chr4	-	73921797	73935472	3128
ENSG0000(	1626.689	1530.382	0.088156	0.52328	0.62577	PTPN13	chr4	+	87515468	87736324	8573
ENSG0000(	0.342542	12.98433	-4.4873	0.000169	0.000467	SYNPR	chr3	+	63213991	63602597	2709
ENSG0000(	5.290455	3.025133	0.75526	0.41123	0.51604	C3orf49	chr3	+	63805038	63834312	1292
ENSG0000(	25.95741	75.26604	-1.5305	6.32E-06	2.08E-05	C4orf36	chr4	-	87797358	87857354	2306
ENSG0000(	334.6651	493.6404	-0.56008	6.17E-05	0.00018	THOC7	chr3	-	63819546	63849579	990
ENSG0000(	554.1918	405.1577	0.45163	0.000895	0.002239	ATXN7	chr3	+	63850233	63989138	7285
ENSG0000(	1162.858	1371.536	-0.23752	0.064765	0.11148	PSMD6	chr3	-	63996225	64009658	4583
ENSG0000(	292.7546	19.30247	3.9096	2.70E-53	6.74E-52	PRICKLE2	chr3	-	64079543	64431152	8305
ENSG0000(	4119.362	129.4427	4.9803	4.81E-207	1.10E-204	ADAMTS9	chr3	-	64501333	64673676	7464
ENSG0000(	371.7809	120.4158	1.62	1.94E-23	1.91E-22	PPM1K	chr4	-	89183315	89205921	2962
ENSG0000(	0.705622	0.951736	-0.34312	0.83184	NA	FAM194A	chr3	-	1.5E+08	1.5E+08	2052
ENSG0000(	1784.903	2605.388	-0.54483	3.89E-08	1.57E-07	GMPS	chr3	+	1.56E+08	1.56E+08	5393
ENSG0000(	616.8822	83.16399	2.8776	1.39E-58	3.91E-57	TIPARP	chr3	+	1.56E+08	1.56E+08	4181
ENSG0000(	725.0161	730.6687	-0.0116	0.93175	0.95517	CCNL1	chr3	-	1.57E+08	1.57E+08	4799
ENSG0000(	104.0371	4.587883	4.406	6.66E-19	5.32E-18	PTX3	chr3	+	1.57E+08	1.57E+08	1940
ENSG0000(	5.458342	25.35273	-2.1601	0.000794	0.002	HESX1	chr3	-	57231944	57260549	876
ENSG0000(	1.649304	17.29863	-3.1851	0.000131	0.000369	DCLK3	chr3	-	36753913	36781352	5344
ENSG0000(	945.5472	892.9353	0.082183	0.47063	0.57541	SLMAP	chr3	+	57741177	57914895	6749

ENSG0000(	3674.055	5595.188	-0.60633	2.46E-12	1.36E-11	RPL9	chr4	-	39455744	39460568	2153
ENSG0000(	231.6716	468.5968	-1.0092	0.000271	0.000729	SMIM14	chr4	-	39552541	39640710	1892
ENSG0000(	13.53877	9.718839	0.45368	0.43681	0.54231	RPP14	chr3	+	58291974	58305816	3379
ENSG0000(	98.24431	75.0063	0.38332	0.23179	0.32534	ABHD6	chr3	+	58223233	58281420	2482
ENSG0000(	31.43368	96.88071	-1.6193	8.01E-09	3.43E-08	C3orf67	chr3	-	58703092	59035810	4108
ENSG0000(	36.5058	2451.122	-6.0535	4.51E-250	1.55E-247	RBM47	chr4	-	40425272	40632892	4951
ENSG0000(	1799.582	733.0396	1.294	4.00E-31	5.35E-30	APBB2	chr4	-	40812044	41218731	8972
ENSG0000(	60.42165	139.0751	-1.189	0.00046	0.001203	IL17RE	chr3	+	9944296	9958086	2808
ENSG0000(	727.2162	262.6745	1.4652	1.30E-22	1.22E-21	IL17RC	chr3	+	9958758	9975314	2621
ENSG0000(	618.245	294.7584	1.064	4.23E-09	1.85E-08	CRELD1	chr3	+	9975506	9987097	2696
ENSG0000(	163.9928	249.5396	-0.60432	0.002883	0.006663	PRRT3	chr3	-	9987226	9994078	3761
ENSG0000(	1.649304	6.378834	-1.7645	0.089435	0.14698	FANCD2OS	chr3	-	10123001	10149915	1055
ENSG0000(	863.3603	153.1526	2.4867	5.50E-60	1.60E-58	PCOLCE2	chr3	-	1.43E+08	1.43E+08	2021
ENSG0000(	1398.622	1692.072	-0.27351	0.2122	0.30274	U2SURP	chr3	+	1.43E+08	1.43E+08	7420
ENSG0000(	604.228	1080.947	-0.83798	6.69E-15	4.37E-14	MTMR14	chr3	+	9691117	9744077	2494
ENSG0000(	227.6523	116.2518	0.96697	2.73E-05	8.31E-05	TTC14	chr3	+	1.8E+08	1.8E+08	7052
ENSG0000(	0	33.40838	-6.5737	2.78E-08	1.14E-07	CXCL3	chr4	-	74902306	74904524	1641
ENSG0000(	0.943682	100.6258	-6.2575	5.73E-14	3.51E-13	CXCL5	chr4	-	74861359	74864496	2538
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	PPBP	chr4	-	74852755	74853914	715
ENSG0000(	0.342542	6.748694	-3.5639	0.005628	0.012399	PF4	chr4	-	74846794	74847841	604
ENSG0000(	51.78279	73.18768	-0.49377	0.10164	0.1636	MTHFD2L	chr4	+	74979891	75168816	3181
ENSG0000(	3.330311	7.345139	-1.077	0.20061	0.28932	CXCL1	chr4	+	74735110	74736959	1097
ENSG0000(	145.7128	255.2122	-0.80576	0.000851	0.002137	RCHY1	chr4	-	76404247	76439974	4686
ENSG0000(	0.705622	0	0.8807	0.6196	NA	PLSCR2	chr3	-	1.46E+08	1.46E+08	1441
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CCDC158	chr4	-	77234154	77343021	3663
ENSG0000(	402.3577	483.7025	-0.26446	0.052508	0.09281	GYG1	chr3	+	1.49E+08	1.49E+08	2052
ENSG0000(	542.2635	772.4983	-0.51009	0.003818	0.008654	HPS3	chr3	+	1.49E+08	1.49E+08	4665
ENSG0000(	10.21864	8.215909	0.29692	0.72506	0.79654	TM4SF18	chr3	-	1.49E+08	1.49E+08	3852
ENSG0000(	909.9408	745.8649	0.28708	0.095899	0.15604	TOPBP1	chr3	-	1.33E+08	1.33E+08	5378
ENSG0000(	1339.415	960.2659	0.47925	8.43E-06	2.73E-05	RYK	chr3	-	1.34E+08	1.34E+08	5270
ENSG0000(	316.1684	223.6132	0.49612	0.009034	0.019137	SNRK	chr3	+	43328004	43466256	5183
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	TCF23	chr2	+	27371872	27376378	1418
ENSG0000(	0	1.294874	-1.8547	0.27869	NA	DNAJC5G	chr2	+	27498289	27504367	2008
ENSG0000(	4.802355	5.135789	-0.09079	0.92103	0.94695	UCN	chr2	-	27530268	27531313	795
ENSG0000(	666.7277	564.3073	0.23943	0.097646	0.15828	ZNF513	chr2	-	27600098	27603657	2139
ENSG0000(	530.6605	533.3555	-0.00681	0.9614	0.977	SLC4A1AP	chr2	+	27886338	27917840	2959
ENSG0000(	14.04561	3.772101	1.8118	0.023338	0.045371	PLB1	chr2	+	28680012	28866654	5115
ENSG0000(	11.1924	5.799374	0.91996	0.24261	0.33792	SPDYA	chr2	+	29005383	29073477	2081
ENSG0000(	555.94	1101.929	-0.98506	4.82E-14	2.97E-13	KIAA1143	chr3	-	44779153	44803154	5120
ENSG0000(	475.1083	472.0937	0.010629	0.96191	0.97743	KIF15	chr3	+	44803209	44914868	4842
ENSG0000(	0.705622	0.297015	0.56864	0.74638	NA	TGM4	chr3	+	44916100	44956482	3388
ENSG0000(	675.2134	1531.681	-1.1781	3.98E-10	1.89E-09	WDR43	chr2	+	29117509	29171088	3533
ENSG0000(	847.0772	1079.095	-0.34876	0.014042	0.028613	ZDHHC3	chr3	-	44956749	45017677	3226
ENSG0000(	129.0999	355.9861	-1.4598	7.68E-13	4.40E-12	CDCP1	chr3	-	45123770	45187914	6006
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CLEC3B	chr3	+	45043040	45077563	936
ENSG0000(	0	12.65576	-5.2379	3.00E-05	9.09E-05	SLC6A20	chr3	-	45796942	45838027	5423
ENSG0000(	243.3221	153.3149	0.66775	0.001838	0.004375	LZTFL1	chr3	-	45864808	45957534	4073
ENSG0000(	841.3823	387.1571	1.1155	4.12E-07	1.52E-06	FYCO1	chr3	-	45959396	46037316	8504
ENSG0000(	0.705622	0	0.8807	0.6196	NA	CCR1	chr3	-	46243200	46249887	2731
ENSG0000(	0	2.399549	-2.7165	0.088838	0.14612	RTP3	chr3	+	46538981	46542439	1321
ENSG0000(	3.455331	77.03108	-4.4285	9.43E-17	6.80E-16	LRRC2	chr3	-	46556913	46621589	5100
ENSG0000(	522.3414	703.3226	-0.42871	0.003425	0.007827	ELP6	chr3	-	47537130	47555251	1401
ENSG0000(	0	1.280305	-1.6305	0.35731	NA	FBXO40	chr3	+	1.21E+08	1.21E+08	5926
ENSG0000(	158.9623	125.9571	0.33183	0.15602	0.2348	DTX3L	chr3	+	1.22E+08	1.22E+08	5868
ENSG0000(	648.5442	193.3654	1.7417	5.45E-14	3.34E-13	ZNF148	chr3	-	1.25E+08	1.25E+08	9651
ENSG0000(	2.531373	37.29066	-3.7016	1.50E-08	6.28E-08	NMNAT3	chr3	-	1.39E+08	1.39E+08	2454
ENSG0000(	626.8632	560.8182	0.16018	0.28361	0.38488	SMIM12	chr1	-	35178338	35325417	3454
ENSG0000(	325.3846	218.1501	0.57663	0.000188	0.000518	ZMYM6	chr1	-	35447134	35497569	6241
ENSG0000(	564.3328	428.8227	0.39576	0.009142	0.019352	TPRA1	chr3	-	1.27E+08	1.27E+08	1933
ENSG0000(	1443.738	1541.002	-0.0936	0.57213	0.6692	YEATS2	chr3	+	1.83E+08	1.84E+08	6506
ENSG0000(	0	241.6977	-9.3139	6.53E-18	4.98E-17	GRIK3	chr1	-	37261128	37499730	9101
ENSG0000(	156.6504	173.3209	-0.14488	0.4537	0.55916	ZC3H12A	chr1	+	37940153	37949980	2684
ENSG0000(	733.5765	465.0421	0.65818	6.84E-07	2.48E-06	MEAF6	chr1	-	37958176	37980375	2147
ENSG0000(	356.6771	316.4738	0.17201	0.22561	0.31837	SNIP1	chr1	-	38002142	38019903	2471
ENSG0000(	133.9597	174.3286	-0.38034	0.093151	0.15225	DNALI1	chr1	+	38022520	38032458	3539

ENSG0000(	704.5948	970.1069	-0.46027	2.41E-05	7.39E-05	POLR2H	chr3	+	1.84E+08	1.84E+08	1802
ENSG0000(	0.580602	141.9231	-7.1805	3.63E-16	2.53E-15	KLF15	chr3	-	1.26E+08	1.26E+08	2574
ENSG0000(	1.649304	8.326014	-2.1674	0.017857	0.035639	CCDC37	chr3	+	1.26E+08	1.26E+08	2089
ENSG0000(	45.38614	260.7987	-2.5069	8.01E-22	7.33E-21	CAMK2N2	chr3	-	1.84E+08	1.84E+08	1362
ENSG0000(	0.342542	2.012704	-1.7068	0.30191	0.40315	LIPH	chr3	-	1.85E+08	1.85E+08	4026
ENSG0000(	270.3931	218.0409	0.31092	0.04127	0.07534	TMEM41A	chr3	-	1.85E+08	1.85E+08	4921
ENSG0000(	5220.92	2782.957	0.90699	5.78E-17	4.22E-16	RPN1	chr3	-	1.28E+08	1.28E+08	2310
ENSG0000(	753.46	743.5072	0.01956	0.93257	0.95577	SENP2	chr3	+	1.85E+08	1.85E+08	5717
ENSG0000(	8.455484	31.83442	-1.8875	0.000296	0.000793	HEYL	chr1	-	40089825	40105617	3661
ENSG0000(	654.9045	567.8302	0.20555	0.11211	0.17803	IFT122	chr3	+	1.29E+08	1.29E+08	4532
ENSG0000(	17.27405	20.6346	-0.26732	0.58536	0.68111	C3orf65	chr3	+	1.85E+08	1.85E+08	1924
ENSG0000(	424.9667	988.0813	-1.2158	3.25E-27	3.71E-26	RFC4	chr3	-	1.87E+08	1.87E+08	1448
ENSG0000(	144.8979	687.5023	-2.2391	4.40E-35	6.71E-34	RPL39L	chr3	-	1.87E+08	1.87E+08	756
ENSG0000(	1552.819	1701.616	-0.13155	0.19811	0.28635	BAP1	chr3	-	52435029	52444366	3937
ENSG0000(	6951.051	28279.6	-2.0215	7.40E-50	1.69E-48	TKT	chr3	-	53258723	53290068	7286
ENSG0000(	534.7202	478.3938	0.15964	0.3552	0.45944	PRKCD	chr3	+	53190025	53226733	2810
ENSG0000(	444.5597	416.7349	0.093467	0.46473	0.56969	RFT1	chr3	-	53122499	53164478	5108
ENSG0000(	121.0077	291.7905	-1.2664	4.93E-12	2.66E-11	SFMBT1	chr3	-	52937588	53080766	4548
ENSG0000(	1396.459	2532.206	-0.85556	3.19E-05	9.65E-05	GNL3	chr3	+	52715172	52728508	2118
ENSG0000(	1553.134	986.3233	0.65356	0.000302	0.000809	PBRM1	chr3	-	52579368	52719933	7523
ENSG0000(	381.6853	425.7236	-0.1591	0.42442	0.52974	UVSSA	chr4	+	1341054	1381837	4819
ENSG0000(	1444.13	601.4063	1.2619	1.41E-19	1.17E-18	FAM208A	chr3	-	56654161	56717265	7119
ENSG0000(	723.0297	85.3297	3.0686	1.60E-46	3.33E-45	ARHGEF3	chr3	-	56761446	57113357	3992
ENSG0000(	854.1549	816.1038	0.065486	0.59473	0.68917	SLBP	chr4	-	1694527	1714282	1977
ENSG0000(	1921.218	1419.463	0.43617	9.73E-05	0.000278	LRPAP1	chr4	-	3508103	3534286	7819
ENSG0000(	0	69.32508	-7.6521	4.27E-12	2.32E-11	ZDHHC19	chr3	-	1.96E+08	1.96E+08	1813
ENSG0000(	67.13019	45.48568	0.54895	0.084462	0.14002	SLC51A	chr3	+	1.96E+08	1.96E+08	1463
ENSG0000(	1541.025	1916.768	-0.3139	0.11892	0.18747	UBXN7	chr3	-	1.96E+08	1.96E+08	10568
ENSG0000(	960.0879	1893.525	-0.97836	5.45E-13	3.15E-12	RNF168	chr3	-	1.96E+08	1.96E+08	5347
ENSG0000(	286.3713	172.961	0.72086	0.000641	0.001639	PIGX	chr3	+	1.96E+08	1.96E+08	3057
ENSG0000(	56.23665	205.477	-1.863	3.64E-12	1.99E-11	MFI2	chr3	-	1.97E+08	1.97E+08	3963
ENSG0000(	0.653381	0.357707	0.52032	0.76705	NA	OTOP1	chr4	-	4190530	4228616	1864
ENSG0000(	3.298608	1.669566	0.85306	0.48246	0.58671	S100P	chr4	+	6694796	6698897	1279
ENSG0000(	3.910914	41.47967	-3.3081	1.29E-08	5.41E-08	ABLIM2	chr4	-	7967039	8160559	3587
ENSG0000(	98.62223	57.01729	0.78191	0.003711	0.008425	EXO5	chr1	+	40974413	40982228	2567
ENSG0000(	0.632843	102.9968	-6.7068	1.98E-13	1.17E-12	CLDN19	chr1	-	43198764	43205925	3517
ENSG0000(	140.8039	126.9126	0.15379	0.44817	0.55364	C1orf50	chr1	+	43232940	43263968	1558
ENSG0000(	71.17729	26.92764	1.3935	5.43E-06	1.80E-05	ERMAP	chr1	+	43282795	43310660	3949
ENSG0000(	99.78425	245.7324	-1.2927	2.16E-12	1.20E-11	ZNF691	chr1	+	43312280	43318148	1935
ENSG0000(	509.5056	508.7673	0.003766	0.98233	0.99011	AIMP1	chr4	+	1.07E+08	1.07E+08	2586
ENSG0000(	426.9836	1.043983	8.3348	1.31E-31	1.79E-30	SGMS2	chr4	+	1.09E+08	1.09E+08	6149
ENSG0000(	887.5475	1528.573	-0.78374	9.09E-11	4.50E-10	METAP1	chr4	+	99916771	99983964	2791
ENSG0000(	862.4193	337.7108	1.3506	6.32E-12	3.39E-11	DNAJB14	chr4	-	1.01E+08	1.01E+08	6463
ENSG0000(	3010.919	4232.852	-0.48949	0.02704	0.051777	H2AFZ	chr4	-	1.01E+08	1.01E+08	1880
ENSG0000(	0.342542	0	0.4146	0.81455	NA	EMCN	chr4	-	1.01E+08	1.02E+08	4037
ENSG0000(	8.019626	5.17708	0.57626	0.52868	0.63027	SLC9B1	chr4	-	1.04E+08	1.04E+08	1879
ENSG0000(	281.2233	81.08817	1.7826	1.33E-17	1.00E-16	SLC9B2	chr4	-	1.04E+08	1.04E+08	3126
ENSG0000(	167.5591	180.1294	-0.10283	0.59701	0.69135	BDH2	chr4	-	1.04E+08	1.04E+08	2781
ENSG0000(	785.8332	872.1216	-0.14944	0.24295	0.33834	PGRMC2	chr4	-	1.29E+08	1.29E+08	3785
ENSG0000(	420.048	1863.985	-2.1429	6.63E-28	7.82E-27	CDC25A	chr3	-	48198636	48229892	3783
ENSG0000(	0.995923	0	1.4959	0.39264	NA	CAMP	chr3	+	48264837	48266981	745
ENSG0000(	190.2236	1824.737	-3.2549	8.75E-97	4.81E-95	ZNF589	chr3	+	48282590	48340743	4703
ENSG0000(	1.338465	15.48095	-3.3008	0.000194	0.000532	FBXW12	chr3	+	48413709	48442666	2188
ENSG0000(	1173.431	2663.039	-1.1811	4.20E-24	4.24E-23	PLXNB1	chr3	-	48445261	48471594	7308
ENSG0000(	216.6081	382.0734	-0.81553	4.88E-08	1.95E-07	CCDC51	chr3	-	48473574	48481866	1560
ENSG0000(	186.4371	239.5326	-0.3628	0.034919	0.065013	ATRIP	chr3	+	48488114	48507115	2721
ENSG0000(	2747.847	2138.234	0.36172	0.000359	0.000949	SHISA5	chr3	-	48509197	48542259	2369
ENSG0000(	834.5217	1308.339	-0.64747	1.97E-05	6.12E-05	SPRY1	chr4	+	1.24E+08	1.24E+08	2504
ENSG0000(	67.73728	120.5098	-0.82672	0.001962	0.00465	BSN	chr3	+	49591922	49708978	15955
ENSG0000(	1919.953	4128.014	-1.1034	1.31E-28	1.59E-27	APEH	chr3	+	49711435	49721396	3220
ENSG0000(	139.9887	140.7493	-0.00828	0.96472	0.97948	INTU	chr4	+	1.29E+08	1.29E+08	5740
ENSG0000(	784.7477	503.0985	0.63874	0.00014	0.000391	RNF123	chr3	+	49726932	49758962	5882
ENSG0000(	59.79646	116.4389	-0.95728	0.001175	0.002884	HSPA4L	chr4	+	1.29E+08	1.29E+08	4128
ENSG0000(	189.8328	153.6824	0.30766	0.14414	0.21929	MFSD8	chr4	-	1.29E+08	1.29E+08	4510
ENSG0000(	165.591	295.2365	-0.83634	1.86E-05	5.80E-05	C4orf29	chr4	+	1.29E+08	1.29E+08	5450

ENSG0000(	0	1318.893	-11.537	3.78E-27	4.30E-26	CAMKV	chr3	-	49895421	49907655	3314
ENSG0000(	310.1036	200.4071	0.62891	0.000233	0.000633	MON1A	chr3	-	49946302	49967606	2527
ENSG0000(	2.914991	67.5358	-4.3869	2.27E-13	1.34E-12	MST1R	chr3	-	49924435	49941299	4683
ENSG0000(	640.04	463.7135	0.46471	6.25E-05	0.000182	RAD54L2	chr3	+	51575160	51697610	5129
ENSG0000(	458.0068	223.954	1.0265	2.40E-06	8.26E-06	TEX264	chr3	+	51696709	51738339	3937
ENSG0000(	27.80109	185.3641	-2.7192	2.20E-28	2.63E-27	GRM2	chr3	+	51741086	51752629	6550
ENSG0000(	1817.974	430.384	2.0735	5.34E-35	8.10E-34	DUSP7	chr3	-	52082935	52090566	3340
ENSG0000(	283.6405	465.9215	-0.71423	2.98E-06	1.02E-05	POC1A	chr3	-	52109269	52188706	1999
ENSG0000(	346.8247	64.52356	2.4093	2.83E-23	2.76E-22	PPM1M	chr3	+	52279841	52284613	2429
ENSG0000(	1.048164	11.2969	-3.1339	0.002577	0.006	AGXT2L1	chr4	-	1.1E+08	1.1E+08	2099
ENSG0000(	3758.998	2492.48	0.59216	3.58E-07	1.33E-06	WDR82	chr3	-	52288437	52322036	4333
ENSG0000(	395.0757	630.531	-0.67213	0.001359	0.003304	PITX2	chr4	-	1.12E+08	1.12E+08	3359
ENSG0000(	1140.728	902.5871	0.33812	0.022764	0.044347	C4orf3	chr4	-	1.2E+08	1.2E+08	2327
ENSG0000(	85.36006	267.1605	-1.6433	4.98E-14	3.06E-13	PRSS12	chr4	-	1.19E+08	1.19E+08	4809
ENSG0000(	206.0809	6.811803	4.8932	7.70E-37	1.24E-35	NDST3	chr4	+	1.19E+08	1.19E+08	5961
ENSG0000(	3292.703	4612.592	-0.48567	6.17E-05	0.00018	HMGB2	chr4	-	1.74E+08	1.74E+08	1889
ENSG0000(	392.5229	335.6696	0.22467	0.12917	0.20067	SAP30	chr4	+	1.74E+08	1.74E+08	1108
ENSG0000(	362.6069	1.545765	7.5333	1.64E-35	2.53E-34	SCRG1	chr4	-	1.74E+08	1.74E+08	1642
ENSG0000(	868.8893	5.054822	6.6996	1.41E-10	6.92E-10	HAND2	chr4	-	1.74E+08	1.74E+08	2780
ENSG0000(	733.3929	1389.423	-0.92003	5.38E-10	2.53E-09	MAD2L1	chr4	-	1.21E+08	1.21E+08	1654
ENSG0000(	10689.93	2832.321	1.9142	6.20E-57	1.68E-55	ANXA5	chr4	-	1.23E+08	1.23E+08	1762
ENSG0000(	22.02498	8.186771	1.3583	0.085889	0.14195	TMEM155	chr4	-	1.23E+08	1.23E+08	2389
ENSG0000(	279.2705	166.9056	0.74364	8.63E-06	2.79E-05	MAP9	chr4	-	1.56E+08	1.56E+08	7333
ENSG0000(	41.55143	1.71569	4.398	1.07E-08	4.52E-08	GUCY1A3	chr4	+	1.57E+08	1.57E+08	4400
ENSG0000(	183.3381	90.51061	1.0188	2.78E-06	9.49E-06	FBXO8	chr4	-	1.75E+08	1.75E+08	2577
ENSG0000(	212.2938	202.4143	0.069738	0.69133	0.76982	CEP44	chr4	+	1.75E+08	1.75E+08	4534
ENSG0000(	0.36308	34.619	-5.6812	1.26E-06	4.47E-06	HPGD	chr4	-	1.75E+08	1.75E+08	3027
ENSG0000(	32.96057	38.44716	-0.22338	0.54063	0.64114	TMEM144	chr4	+	1.59E+08	1.59E+08	4872
ENSG0000(	1759.114	2.995994	9.04	2.32E-84	1.05E-82	FAM198B	chr4	-	1.59E+08	1.59E+08	4985
ENSG0000(	4.657611	43.57563	-3.1626	2.92E-09	1.29E-08	NPY1R	chr4	-	1.64E+08	1.64E+08	3029
ENSG0000(	0.705622	5.45382	-2.5835	0.032814	0.06145	NPY5R	chr4	+	1.64E+08	1.64E+08	3183
ENSG0000(	978.228	1811.189	-0.88613	3.35E-07	1.25E-06	NAA15	chr4	+	1.4E+08	1.4E+08	6222
ENSG0000(	5.217676	25.67244	-2.234	7.27E-05	0.000211	IL15	chr4	+	1.43E+08	1.43E+08	6026
ENSG0000(	3.64115	319.4498	-6.3357	1.16E-38	1.97E-37	FAM160A1	chr4	+	1.52E+08	1.53E+08	4576
ENSG0000(	500.003	503.8829	-0.01225	0.92451	0.94929	ARFIP1	chr4	+	1.54E+08	1.54E+08	3424
ENSG0000(	1282.894	1325.155	-0.0463	0.74655	0.81427	KIAA0947	chr5	+	5420777	5490347	7927
ENSG0000(	373.0404	5.424682	6.0583	8.39E-54	2.11E-52	HHIP	chr4	+	1.46E+08	1.46E+08	10072
ENSG0000(	57.81318	57.79984	-0.00433	0.98742	0.99279	ANAPC10	chr4	-	1.46E+08	1.46E+08	1025
ENSG0000(	914.9891	1190.377	-0.37793	0.052885	0.093375	ABCE1	chr4	+	1.46E+08	1.46E+08	3921
ENSG0000(	763.6858	1058.012	-0.46936	1.69E-05	5.29E-05	OTUD4	chr4	-	1.46E+08	1.46E+08	7069
ENSG0000(	288.5081	622.3376	-1.1066	4.77E-17	3.50E-16	LSM6	chr4	+	1.47E+08	1.47E+08	1352
ENSG0000(	530.1305	622.2838	-0.2301	0.10341	0.16605	TMEM184C	chr4	+	1.49E+08	1.49E+08	4178
ENSG0000(	137.9829	142.5314	-0.04794	0.82932	0.87981	PRMT10	chr4	-	1.49E+08	1.49E+08	3528
ENSG0000(	357.1437	185.2848	0.94272	6.55E-05	0.000191	ITGA2	chr5	+	52285156	52390609	7869
ENSG0000(	428.4442	166.2847	1.3639	2.86E-12	1.57E-11	MOCS2	chr5	-	52391509	52405893	3568
ENSG0000(	2.427705	1.355566	0.71405	0.56662	0.66435	SLC45A2	chr5	-	33944721	33984835	2723
ENSG0000(	2063.153	1055.905	0.96577	1.05E-15	7.19E-15	EDIL3	chr5	-	83236373	83680611	4727
ENSG0000(	203.6729	161.7828	0.33043	0.051998	0.092065	TMEM161E	chr5	-	87485450	87565293	7608
ENSG0000(	3.008307	131.4667	-5.3489	4.08E-25	4.29E-24	ELOVL7	chr5	-	60047618	60140216	4165
ENSG0000(	277.0005	292.4062	-0.078	0.61425	0.70614	NDUFAF2	chr5	+	60240956	60448853	708
ENSG0000(	4.088174	0.343138	2.8253	0.043983	0.079543	ZNF474	chr5	+	1.21E+08	1.22E+08	1964
ENSG0000(	171.0226	77.74166	1.1323	1.19E-06	4.21E-06	LMBRD2	chr5	-	36098514	36152063	8185
ENSG0000(	194.8764	0.357707	8.2192	2.68E-17	1.99E-16	RANBP3L	chr5	-	36248536	36302216	3104
ENSG0000(	1464.102	940.4631	0.63683	0.004499	0.01009	NIPBL	chr5	+	36876861	37066515	10435
ENSG0000(	37.07622	14.35688	1.3584	0.001642	0.003935	RNF180	chr5	+	63461671	63668696	4906
ENSG0000(	11.17447	936.8064	-6.3395	2.55E-95	1.37E-93	GPR98	chr5	+	89825161	90460038	19338
ENSG0000(	603.028	325.2801	0.89018	4.48E-07	1.65E-06	SLC25A46	chr5	+	1.1E+08	1.1E+08	6232
ENSG0000(	1600.061	531.2621	1.5871	7.99E-17	5.79E-16	STARD4	chr5	-	1.11E+08	1.11E+08	4606
ENSG0000(	259.3669	288.4677	-0.15116	0.49903	0.60281	PGGT1B	chr5	-	1.15E+08	1.15E+08	2727
ENSG0000(	640.5387	2.324288	7.9243	5.54E-52	1.34E-50	F2RL2	chr5	-	75911307	75919259	3429
ENSG0000(	191.9049	264.7768	-0.46279	0.005346	0.011843	CCDC112	chr5	-	1.15E+08	1.15E+08	2566
ENSG0000(	11.47316	78.15334	-2.7135	5.34E-07	1.95E-06	ANKRD33B	chr5	+	10564442	10650308	1591
ENSG0000(	351.8781	518.0722	-0.55671	0.004757	0.010627	CMBL	chr5	-	10275987	10308138	2335
ENSG0000(	0.632843	4.334576	-2.3375	0.058629	0.10239	C5orf63	chr5	-	1.26E+08	1.26E+08	5680
ENSG0000(	2407.549	1160.186	1.0524	2.96E-19	2.40E-18	PRRC1	chr5	+	1.27E+08	1.27E+08	5504

ENSG0000(	511.3517	991.3744	-0.95366	1.08E-09	4.97E-09	F2RL1	chr5	+	76114758	76131140	2914
ENSG0000(	540.0066	448.8531	0.26744	0.085614	0.14161	AGGF1	chr5	+	76325076	76361059	4509
ENSG0000(	956.7073	469.3099	1.0261	1.48E-18	1.16E-17	WDR41	chr5	-	76721795	76916436	3958
ENSG0000(	0	4.317591	-3.6334	0.012226	0.025232	PRDM9	chr5	+	23507264	23528706	3691
ENSG0000(	481.0532	370.0675	0.37916	0.007023	0.015199	NDUFS4	chr5	+	52856463	52979168	833
ENSG0000(	0	852.8181	-10.926	9.94E-24	9.87E-23	SCGB3A2	chr5	+	1.47E+08	1.47E+08	672
ENSG0000(	0	14.9922	-5.4371	1.62E-05	5.09E-05	SPINK1	chr5	-	1.47E+08	1.47E+08	1188
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	HTR4	chr5	-	1.48E+08	1.48E+08	3082
ENSG0000(	25.51976	0.343138	5.4503	7.35E-07	2.66E-06	ESM1	chr5	-	54273692	54318499	2169
ENSG0000(	189.1744	467.4531	-1.299	6.04E-14	3.70E-13	GRPEL2	chr5	+	1.49E+08	1.49E+08	4109
ENSG0000(	0.995923	0.297015	1.0163	0.54122	NA	CDC20B	chr5	-	54408799	54469005	3070
ENSG0000(	214.6629	171.1835	0.32787	0.075766	0.12751	ARSK	chr5	+	94890778	94940768	3354
ENSG0000(	2564.903	523.3034	2.2878	5.79E-53	1.43E-51	RHOBTB3	chr5	+	95049226	95160087	5537
ENSG0000(	3109.2	524.2496	2.5663	8.32E-144	8.80E-142	GPX8	chr5	+	54455946	54462899	3422
ENSG0000(	68.33084	39.87725	0.76761	0.019707	0.038949	TIGD6	chr5	-	1.49E+08	1.49E+08	4006
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	SPZ1	chr5	+	79615444	79617661	1872
ENSG0000(	175.2884	580.2976	-1.7261	5.56E-28	6.57E-27	SERINC5	chr5	-	79407050	79551898	2767
ENSG0000(	0	2.232041	-2.63	0.10215	0.16421	ENPP6	chr4	-	1.85E+08	1.85E+08	3936
ENSG0000(	0	1.98115	-2.4527	0.13291	0.20539	CAGE1	chr6	-	7326889	7389976	3284
ENSG0000(	811.6749	2272.043	-1.4786	1.54E-10	7.50E-10	CASP3	chr4	-	1.86E+08	1.86E+08	2673
ENSG0000(	128.0967	148.1517	-0.20465	0.36743	0.47206	CCDC111	chr4	+	1.86E+08	1.86E+08	2289
ENSG0000(	744.3656	310.9074	1.2593	1.96E-22	1.84E-21	ERAP1	chr5	-	96096521	96143803	5488
ENSG0000(	27.16825	0.715414	4.8916	2.49E-07	9.40E-07	ERAP2	chr5	+	96211643	96255420	5705
ENSG0000(	91.09477	33.9385	1.4182	9.71E-06	3.12E-05	CMYA5	chr5	+	78985700	79096063	12847
ENSG0000(	315.193	46.1443	2.7691	8.88E-38	1.47E-36	EGFLAM	chr5	+	38258511	38465123	4411
ENSG0000(	639.2752	672.5576	-0.07225	0.67102	0.75363	KIAA1430	chr4	-	1.86E+08	1.86E+08	4852
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	TMEM174	chr5	+	72469022	72470970	1759
ENSG0000(	475.1945	295.889	0.68372	0.001032	0.002553	RICTOR	chr5	-	38938021	39074510	9543
ENSG0000(	560.642	408.6216	0.45585	0.00656	0.01427	PAPD4	chr5	+	78907943	78982471	3523
ENSG0000(	474.9998	4.796683	6.5823	1.10E-56	2.98E-55	EBF1	chr5	-	1.58E+08	1.59E+08	5250
ENSG0000(	161.0576	178.8859	-0.15184	0.61898	0.7101	ANKRA2	chr5	-	72848160	72861511	2063
ENSG0000(	473.7297	333.9992	0.50247	0.044209	0.079899	UBLCP1	chr5	+	1.59E+08	1.59E+08	2388
ENSG0000(	273.0279	376.5117	-0.46132	0.02332	0.045339	UTP15	chr5	+	72861268	72877794	3687
ENSG0000(	1.722083	22.31632	-3.5501	5.49E-06	1.82E-05	TLR3	chr4	+	1.87E+08	1.87E+08	3047
ENSG0000(	3.983692	150.3786	-5.0893	2.17E-17	1.62E-16	KLKB1	chr4	+	1.87E+08	1.87E+08	2363
ENSG0000(	657.1342	710.7741	-0.11177	0.50275	0.60623	NSA2	chr5	+	74062817	74072737	1393
ENSG0000(	331.0386	387.5047	-0.22729	0.10602	0.16967	GFM2	chr5	-	74017029	74063196	3249
ENSG0000(	0	694.6814	-10.685	3.90E-23	3.80E-22	TERT	chr5	-	1253262	1295184	4018
ENSG0000(	0	1.652581	-2.1974	0.1871	NA	SLC6A18	chr5	+	1225470	1246304	2121
ENSG0000(	223.9588	271.7951	-0.2801	0.084003	0.13937	CCDC127	chr5	-	204872	218330	1456
ENSG0000(	1.555988	19.85104	-3.2403	0.003173	0.007288	FOXQ1	chr6	+	1312675	1314992	2318
ENSG0000(	2.032922	3.085825	-0.52002	0.67326	0.75534	C6orf195	chr6	-	2622147	2634837	2434
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	GPR111	chr6	+	47624172	47665533	5126
ENSG0000(	0	19.62217	-5.9268	4.08E-07	1.51E-06	ACSL6	chr5	-	1.31E+08	1.31E+08	6539
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	IL3	chr5	+	1.31E+08	1.31E+08	1050
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CSF2	chr5	+	1.31E+08	1.31E+08	783
ENSG0000(	1928.464	813.0304	1.2446	4.98E-35	7.56E-34	8-Sep	chr5	-	1.32E+08	1.32E+08	4390
ENSG0000(	117.9269	142.0494	-0.26458	0.51355	0.6166	SHROOM1	chr5	-	1.32E+08	1.32E+08	4019
ENSG0000(	3.10081	3.633731	-0.18287	0.85742	0.89986	GDF9	chr5	-	1.32E+08	1.32E+08	2640
ENSG0000(	398.0729	258.9878	0.6205	0.000356	0.000943	UQCRQ	chr5	+	1.32E+08	1.32E+08	874
ENSG0000(	11.65996	16.26518	-0.45942	0.3903	0.49467	LEAP2	chr5	+	1.32E+08	1.32E+08	2207
ENSG0000(	2.229907	17.11735	-2.7167	0.002556	0.005952	GJB7	chr6	-	87992696	88038996	2281
ENSG0000(	28.53165	24.18737	0.23304	0.58767	0.68323	SLC35A1	chr6	+	88180341	88222054	1851
ENSG0000(	6.669996	2.232041	1.4329	0.12685	0.1977	GRIK2	chr6	+	1.02E+08	1.03E+08	4921
ENSG0000(	45.13952	155.9428	-1.7771	6.22E-10	2.92E-09	MB21D1	chr6	-	74123238	74161999	3182
ENSG0000(	33.3314	11.59633	1.5053	0.004508	0.010107	FABP7	chr6	+	1.23E+08	1.23E+08	2086
ENSG0000(	0.290301	5.702295	-3.2685	0.01915	0.037961	TLX3	chr5	+	1.71E+08	1.71E+08	1493
ENSG0000(	6.86698	0.594029	2.97	0.012163	0.025119	TXLNB	chr6	-	1.4E+08	1.4E+08	4753
ENSG0000(	492.1858	833.6456	-0.75773	2.21E-07	8.38E-07	CITED2	chr6	-	1.4E+08	1.4E+08	1905
ENSG0000(	12.84171	8.253168	0.61937	0.36938	0.47396	T	chr6	-	1.67E+08	1.67E+08	2436
ENSG0000(	69.18186	66.82014	0.052884	0.88204	0.91786	CREBRF	chr5	+	1.72E+08	1.73E+08	7788
ENSG0000(	905.3116	225.793	2.0021	1.13E-50	2.64E-49	DCBLD1	chr6	+	1.18E+08	1.18E+08	3626
ENSG0000(	1518.614	1336.527	0.18387	0.076343	0.12835	SFXN1	chr5	+	1.75E+08	1.75E+08	4231
ENSG0000(	61.49459	20.05588	1.611	4.50E-05	0.000134	SAMD3	chr6	-	1.3E+08	1.31E+08	3690
ENSG0000(	1354.54	316.7582	2.0904	1.72E-31	2.33E-30	TMEM200A	chr6	+	1.31E+08	1.31E+08	5017

ENSG0000(	3.992252	176.6678	-5.271	5.77E-22	5.30E-21	DACT2	chr6	-	1.69E+08	1.69E+08	2942
ENSG0000(	214.8181	209.3969	0.034105	0.83762	0.88597	PDSS2	chr6	-	1.07E+08	1.08E+08	3540
ENSG0000(	466.586	111.0829	2.0667	5.36E-24	5.38E-23	STXBP5	chr6	+	1.48E+08	1.48E+08	4431
ENSG0000(	289.8513	0.297015	8.7546	5.50E-20	4.64E-19	IL31RA	chr5	+	55147207	55218678	2903
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	ANKRD55	chr5	-	55395507	55529186	2500
ENSG0000(	2.656392	0	2.8491	0.072291	0.12249	RAET1E	chr6	-	1.5E+08	1.5E+08	2099
ENSG0000(	2.116866	0.700845	1.2277	0.41463	0.51964	PI16	chr6	+	36922209	36932613	2190
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	TBX20	chr7	-	35242042	35293758	1871
ENSG0000(	226.3085	517.2606	-1.1861	5.23E-07	1.92E-06	DAGLB	chr7	-	6448757	6523821	2897
ENSG0000(	24.87852	3.290593	2.8115	2.02E-05	6.27E-05	KIAA0895	chr7	-	36363830	36429734	4241
ENSG0000(	524.5425	313.9982	0.73704	3.20E-07	1.19E-06	STK17A	chr7	+	43622357	43666385	3368
ENSG0000(	914.2647	1091.332	-0.25389	0.304	0.40536	TRA2A	chr7	-	23544399	23571660	1845
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	FAM183B	chr7	-	38724946	38726637	1595
ENSG0000(	9686.773	812.1957	3.5741	0	0	GALNT10	chr5	+	1.54E+08	1.54E+08	5961
ENSG0000(	411.1397	329.2152	0.31757	0.1664	0.24762	SAP30L	chr5	+	1.54E+08	1.54E+08	1486
ENSG0000(	8601.066	12013.37	-0.48154	7.51E-06	2.45E-05	RPS14	chr5	-	1.5E+08	1.5E+08	3119
ENSG0000(	175.6678	38.82514	2.1626	3.14E-15	2.08E-14	HCN1	chr5	-	45259349	45696253	5405
ENSG0000(	73.4772	198.0197	-1.4271	1.57E-08	6.56E-08	MYOZ3	chr5	+	1.5E+08	1.5E+08	3445
ENSG0000(	839.8438	294.8555	1.5046	5.27E-21	4.65E-20	COG5	chr7	-	1.07E+08	1.07E+08	5418
ENSG0000(	147.717	65.39669	1.1698	1.31E-05	4.14E-05	C7orf60	chr7	-	1.12E+08	1.13E+08	3981
ENSG0000(	125.7167	5.208634	4.5067	4.16E-25	4.37E-24	GPR85	chr7	-	1.13E+08	1.13E+08	4933
ENSG0000(	677.1261	547.3945	0.30708	0.11842	0.18685	SLU7	chr5	-	1.6E+08	1.6E+08	3793
ENSG0000(	251.5344	165.2805	0.6056	0.000236	0.00064	RP9	chr7	-	33134409	33149013	1121
ENSG0000(	853.3901	1682.985	-0.97742	2.02E-09	9.07E-09	PTTG1	chr5	+	1.6E+08	1.6E+08	1070
ENSG0000(	529.1514	833.8545	-0.65343	0.006388	0.013936	CAMLG	chr5	+	1.34E+08	1.34E+08	2218
ENSG0000(	0.290301	18.16624	-5.002	1.10E-05	3.52E-05	FBXL21	chr5	+	1.35E+08	1.35E+08	1742
ENSG0000(	4.00423	18.93993	-2.1681	0.00122	0.002985	BMPER	chr7	+	33944523	34195484	5031
ENSG0000(	57.63094	174.0893	-1.5894	3.78E-08	1.53E-07	RELL2	chr5	+	1.41E+08	1.41E+08	2520
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	SMAD5-AS1	chr5	-	1.35E+08	1.35E+08	1816
ENSG0000(	0	1080.023	-11.266	1.06E-25	1.14E-24	KCNK5	chr6	-	39156749	39197226	3756
ENSG0000(	6.151985	9.323873	-0.56404	0.41956	0.52498	KIF6	chr6	-	39297766	39693181	9082
ENSG0000(	324.7165	322.3726	0.010248	0.94485	0.96451	ZNF12	chr7	-	6728064	6746554	5051
ENSG0000(	582.8531	599.5598	-0.04046	0.80877	0.86508	SLC29A4	chr7	+	5314000	5343696	2880
ENSG0000(	353.0616	38.18895	3.2017	3.58E-51	8.46E-50	STEAP1	chr7	+	89783689	89794143	1313
ENSG0000(	806.9879	1861.161	-1.2043	4.14E-31	5.53E-30	CDCA7L	chr7	-	21940518	21985702	3066
ENSG0000(	0.290301	2117.893	-11.411	1.86E-36	2.96E-35	SP8	chr7	-	20823906	20826505	1714
ENSG0000(	223.6091	512.1667	-1.1947	4.72E-17	3.46E-16	MIOS	chr7	+	7606503	7648560	3453
ENSG0000(	331.5424	696.4088	-1.0677	7.15E-08	2.82E-07	KIAA1324L	chr7	-	86506222	86689015	6841
ENSG0000(	142.6821	518.2497	-1.8528	3.78E-26	4.13E-25	USP49	chr6	-	41757634	41863099	9034
ENSG0000(	26.00965	23.94621	0.11507	0.78302	0.84456	INTS4L1	chr7	+	64601603	64694600	2550
ENSG0000(	18.92254	6.223479	1.5519	0.006784	0.014719	SYTL3	chr6	+	1.59E+08	1.59E+08	2292
ENSG0000(	2.323223	9.629009	-1.9085	0.042437	0.077181	IQUB	chr7	-	1.23E+08	1.23E+08	3428
ENSG0000(	156.1375	47.56781	1.7118	1.79E-09	8.06E-09	HEY1	chr8	-	80676245	80680098	2296
ENSG0000(	487.6674	200.116	1.2814	1.80E-14	1.15E-13	ZNF704	chr8	-	81540686	81787016	14386
ENSG0000(	755.5482	720.605	0.068423	0.79189	0.85194	FABP5	chr8	+	82192598	82197012	986
ENSG0000(	0	8.550183	-4.6331	0.000514	0.001333	SHH	chr7	-	1.56E+08	1.56E+08	4454
ENSG0000(	4.978802	1.294874	1.7197	0.13032	0.20203	TAGAP	chr6	-	1.59E+08	1.59E+08	3887
ENSG0000(	233678	1731.253	7.0719	0	0	COL1A2	chr7	+	94023873	94060544	5993
ENSG0000(	2169.908	26.80625	6.3198	7.88E-212	1.95E-209	FNDC1	chr6	+	1.6E+08	1.6E+08	6552
ENSG0000(	0.943682	52.98859	-5.4208	1.49E-11	7.81E-11	CHMP4C	chr8	+	82644669	82671750	1866
ENSG0000(	31.88152	46.21802	-0.5332	0.19689	0.28487	SLC13A4	chr7	-	1.35E+08	1.35E+08	7186
ENSG0000(	730.49	599.2629	0.28456	0.064745	0.11148	BRI3	chr7	+	97881691	97937162	819
ENSG0000(	629.4195	1036.897	-0.71906	2.59E-08	1.06E-07	LMTK2	chr7	+	97736197	97838945	8946
ENSG0000(	5887.128	1530.099	1.9418	2.88E-59	8.21E-58	CTSB	chr8	-	11700033	11726957	3875
ENSG0000(	6.960297	39.46664	-2.3857	0.001589	0.003817	SOX17	chr8	+	55370495	55373448	2342
ENSG0000(	1890.756	54.35773	5.0977	7.29E-82	3.15E-80	DLC1	chr8	-	12940870	13373167	7447
ENSG0000(	267.5767	947.1152	-1.8165	1.43E-19	1.18E-18	ADCY1	chr7	+	45613739	45762715	12503
ENSG0000(	40.19919	10.66487	1.8922	9.38E-06	3.02E-05	C8orf48	chr8	+	13424352	13425796	1445
ENSG0000(	0.632843	3.24447	-1.9457	0.13673	0.21	SUN3	chr7	-	48026745	48068716	1456
ENSG0000(	0.975385	11.5786	-3.24	0.001245	0.003041	C7orf57	chr7	+	48075108	48100901	2125
ENSG0000(	26.71169	19.9823	0.40262	0.38601	0.49034	HNF4G	chr8	+	76320149	76479078	4209
ENSG0000(	380.636	374.8249	0.020484	0.90244	0.93259	PEX2	chr8	-	77892494	77913280	4386
ENSG0000(	2522.295	2824.635	-0.16298	0.121	0.19014	RAD21	chr8	-	1.18E+08	1.18E+08	3749
ENSG0000(	0.685084	0	0.85004	0.63064	NA	SLC30A8	chr8	+	1.18E+08	1.18E+08	5430
ENSG0000(	118.6751	112.6804	0.078176	0.70275	0.77892	MED30	chr8	+	1.19E+08	1.19E+08	985

ENSG0000(	30.33148	13.86234	1.1049	0.059869	0.10426	TNFRSF11B	chr8	-	1.2E+08	1.2E+08	2402
ENSG0000(	10.40625	77.50198	-2.8707	5.44E-12	2.93E-11	SBSPON	chr8	-	73976775	74036323	3801
ENSG0000(	22.53973	14.35613	0.62639	0.27282	0.37238	PHKG1	chr7	-	56148440	56160689	1717
ENSG0000(	33.10776	3.80936	2.9645	1.45E-05	4.55E-05	EN2	chr7	+	1.55E+08	1.55E+08	3395
ENSG0000(	0	3.071256	-3.0413	0.052188	0.092339	KCNV1	chr8	-	1.11E+08	1.11E+08	6979
ENSG0000(	13.48653	0.297015	4.579	0.0001	0.000285	CSMD3	chr8	-	1.13E+08	1.14E+08	13212
ENSG0000(	600.6671	999.4417	-0.73461	4.64E-10	2.19E-09	KIAA0146	chr8	+	48173167	48648868	3988
ENSG0000(	154.6235	228.3048	-0.55583	0.040297	0.073873	ORC5	chr7	-	1.04E+08	1.04E+08	2043
ENSG0000(	791.0288	1434.107	-0.85626	1.41E-12	7.92E-12	HEATR2	chr7	+	766338	829190	3410
ENSG0000(	726.0801	236.3277	1.618	7.47E-37	1.20E-35	OSGIN2	chr8	+	90914087	90940116	4266
ENSG0000(	1.359003	0	1.8987	0.26617	NA	DEFB1	chr8	-	6728097	6735544	478
ENSG0000(	4176.144	2020.09	1.0469	1.93E-21	1.74E-20	SUN1	chr7	+	855528	936072	4514
ENSG0000(	522.1363	188.3229	1.469	5.20E-22	4.78E-21	OXR1	chr8	+	1.07E+08	1.08E+08	4550
ENSG0000(	3.942617	60.24881	-3.8431	4.72E-13	2.74E-12	TMEM74	chr8	-	1.1E+08	1.1E+08	1741
ENSG0000(	23.32155	23.83939	-0.03603	0.93111	0.9546	FAM86FP	chr12	-	8385108	8395544	969
ENSG0000(	5.144897	6.746278	-0.35087	0.67154	0.75401	GPR146	chr7	+	1084212	1098897	1966
ENSG0000(	502.4314	35.37825	3.8051	2.24E-43	4.31E-42	GPER	chr7	+	1121844	1133451	2971
ENSG0000(	0	2.56061	-2.5899	0.12437	0.19452	UNCX	chr7	+	1272543	1276954	2048
ENSG0000(	4.366497	4.334576	0.036541	0.96796	0.98191	TMEM184A	chr7	-	1585796	1600457	2843
ENSG0000(	6.660623	60.6033	-3.1268	1.25E-09	5.72E-09	NOS3	chr7	+	1.51E+08	1.51E+08	4388
ENSG0000(	526.0322	118.4872	2.1459	2.84E-46	5.85E-45	MICALL2	chr7	-	1468101	1499138	5248
ENSG0000(	3.818411	10.77169	-1.4392	0.074853	0.12629	CA3	chr8	+	86285665	86361269	1753
ENSG0000(	5744.708	6485.504	-0.17485	0.056972	0.099719	INTS1	chr7	-	1509913	1545489	7485
ENSG0000(	355.0399	268.2915	0.40576	0.015412	0.031155	CDK5	chr7	-	1.51E+08	1.51E+08	1758
ENSG0000(	2741.651	2006.769	0.44993	1.54E-05	4.82E-05	SLC4A2	chr7	+	1.51E+08	1.51E+08	4925
ENSG0000(	1464.088	564.2859	1.3741	9.55E-24	9.50E-23	FASTK	chr7	-	1.51E+08	1.51E+08	3011
ENSG0000(	815.6269	1125.345	-0.46306	0.001715	0.004103	TMUB1	chr7	-	1.51E+08	1.51E+08	1563
ENSG0000(	2.104887	3.373976	-0.56131	0.66809	0.75083	C7orf55	chr7	+	1.39E+08	1.39E+08	1210
ENSG0000(	1.048164	4.775666	-1.9493	0.10118	0.16302	GBX1	chr7	-	1.51E+08	1.51E+08	1092
ENSG0000(	928.8662	869.6147	0.09536	0.61798	0.70912	PHAX	chr5	+	1.26E+08	1.26E+08	4288
ENSG0000(	1830.362	2759.92	-0.59197	4.16E-08	1.67E-07	ALDH7A1	chr5	-	1.26E+08	1.26E+08	4964
ENSG0000(	2000.778	1125.026	0.8281	1.04E-05	3.33E-05	FOXK1	chr7	+	4683388	4811074	11181
ENSG0000(	877.6712	909.6174	-0.05059	0.72363	0.79549	COX6C	chr8	-	1.01E+08	1.01E+08	828
ENSG0000(	55.86159	2.087966	4.6283	1.44E-12	8.10E-12	OSR2	chr8	+	99956631	99964332	1838
ENSG0000(	11048.44	10005.98	0.1429	0.14059	0.21453	YWHAZ	chr8	-	1.02E+08	1.02E+08	5248
ENSG0000(	68.68439	17.57624	1.9534	9.96E-07	3.56E-06	BAALC	chr8	+	1.04E+08	1.04E+08	2831
ENSG0000(	431.358	245.047	0.81469	2.40E-08	9.86E-08	FZD6	chr8	+	1.04E+08	1.04E+08	3788
ENSG0000(	1188.753	53.57524	4.4679	3.13E-156	3.92E-154	CTHRC1	chr8	+	1.04E+08	1.04E+08	1271
ENSG0000(	508.2158	230.2004	1.1414	1.25E-12	7.02E-12	SLC25A32	chr8	-	1.04E+08	1.04E+08	2891
ENSG0000(	947.4801	1035.853	-0.12778	0.46774	0.57255	DCAF13	chr8	+	1.04E+08	1.04E+08	5300
ENSG0000(	144.629	0	8.6354	1.58E-15	1.07E-14	DCSTAMP	chr8	+	1.05E+08	1.05E+08	1953
ENSG0000(	587.7965	308.2945	0.92695	0.000153	0.000425	TP53INP1	chr8	-	95938200	95961639	5638
ENSG0000(	673.7267	786.9865	-0.22291	0.13042	0.20217	INTS8	chr8	+	95825539	95893974	4633
ENSG0000(	1400.694	894.6149	0.6465	3.73E-09	1.64E-08	KIAA1429	chr8	-	95499921	95565757	6528
ENSG0000(	33.40418	82.24126	-1.2874	7.55E-06	2.46E-05	FREM1	chr9	-	14734664	14910993	10089
ENSG0000(	1408.61	60.5175	4.5182	4.04E-71	1.48E-69	GEM	chr8	-	95261481	95274578	2208
ENSG0000(	928.8495	240.5004	1.946	7.34E-50	1.67E-48	PDP1	chr8	+	94870035	94938294	4358
ENSG0000(	173.021	132.309	0.38857	0.059943	0.10437	TMEM67	chr8	+	94767072	94831462	4651
ENSG0000(	658.2922	597.2917	0.14072	0.40565	0.51047	KIAA0196	chr8	-	1.26E+08	1.26E+08	4187
ENSG0000(	155.6064	292.9819	-0.91234	1.66E-06	5.82E-06	RPP25L	chr9	-	34610483	34612101	1092
ENSG0000(	631.1309	432.9232	0.54316	2.06E-05	6.37E-05	FAM219A	chr9	-	34398182	34458568	3644
ENSG0000(	7.117019	20.35457	-1.4976	0.008689	0.018482	C9orf24	chr9	-	34379017	34397830	1151
ENSG0000(	773.657	667.1186	0.21224	0.31049	0.41244	SNAPC3	chr9	+	15422702	15465951	5680
ENSG0000(	541.885	519.198	0.061812	0.78258	0.84427	KIAA1161	chr9	-	34366668	34376851	6398
ENSG0000(	250.6155	183.5942	0.44663	0.020755	0.040787	NUDT2	chr9	+	34329504	34343709	1073
ENSG0000(	929.8758	212.5923	2.1208	5.00E-32	6.89E-31	TMEM65	chr8	-	1.25E+08	1.25E+08	3228
ENSG0000(	1913.765	6885.602	-1.8439	3.50E-36	5.51E-35	PSIP1	chr9	-	15464064	15511017	3391
ENSG0000(	60.53893	53.44735	0.18586	0.55576	0.65486	CCDC171	chr9	+	15552895	16061661	6512
ENSG0000(	745.9857	677.9338	0.13789	0.22227	0.3145	UBAP1	chr9	+	34179003	34252521	2898
ENSG0000(	331.6148	5.376142	5.8903	2.00E-49	4.50E-48	DIRAS2	chr9	-	93372114	93405386	4385
ENSG0000(	5.447177	220.6428	-5.3027	1.17E-36	1.87E-35	SYK	chr9	+	93564069	93660831	5005
ENSG0000(	18.4456	12.55136	0.54355	0.28232	0.38343	NIPSNAP3B	chr9	+	1.08E+08	1.08E+08	1752
ENSG0000(	928.537	203.033	2.1877	8.19E-26	8.85E-25	ABCA1	chr9	-	1.08E+08	1.08E+08	10494
ENSG0000(	218.3011	189.6266	0.20395	0.2471	0.3431	NFIL3	chr9	-	94171327	94186144	2085
ENSG0000(	102.1869	68.25753	0.57373	0.024187	0.046835	LETM2	chr8	+	38243725	38267045	2745

ENSG0000(	698.0153	711.9931	-0.02859	0.79921	0.85778	METTL2B	chr7	+	1.28E+08	1.28E+08	5743
ENSG0000(	140.5184	277.2122	-0.9752	4.63E-06	1.54E-05	FXN	chr9	+	71650175	71715094	2608
ENSG0000(	0.870904	118.3359	-6.5394	3.79E-17	2.79E-16	ZMAT4	chr8	-	40388109	40755352	2466
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	NKX6-3	chr8	-	41502697	41508855	1698
ENSG0000(	0.975385	0	1.2767	0.47406	NA	TMEM71	chr8	-	1.34E+08	1.34E+08	1993
ENSG0000(	149.5794	99.26315	0.59118	0.00315	0.007241	MAMDC2	chr9	+	72658497	72841886	3616
ENSG0000(	1.306762	1.309443	-0.00339	0.99817	0.99912	PRSS37	chr7	-	1.42E+08	1.42E+08	1834
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CPA6	chr8	-	68334360	68658620	1861
ENSG0000(	5.250192	16.36313	-1.6027	0.02759	0.052718	C8orf34	chr8	+	69242957	69731257	3652
ENSG0000(	4.346772	0.357707	2.9484	0.030717	0.05791	TMC1	chr9	+	75136717	75451267	3201
ENSG0000(	17.9258	28.73886	-0.66661	0.10428	0.16719	ALDH1A1	chr9	-	75515578	75695358	2107
ENSG0000(	382.9624	142.1397	1.4251	2.25E-18	1.75E-17	KDM1B	chr6	+	18155560	18224084	4574
ENSG0000(	1671.83	215.8509	2.9511	2.23E-127	1.94E-125	HGSNAT	chr8	+	42995556	43057998	5249
ENSG0000(	67.0676	157.2049	-1.2274	6.14E-06	2.02E-05	RASEF	chr9	-	85594500	85678092	5576
ENSG0000(	6.26584	68.61693	-3.37	7.57E-10	3.53E-09	GKAP1	chr9	-	86354336	86444431	1778
ENSG0000(	60.05506	53.13919	0.17101	0.65445	0.73944	KIF27	chr9	-	86451613	86536342	4653
ENSG0000(	29.74167	316.4176	-3.3795	2.63E-33	3.79E-32	C9orf64	chr9	-	86553226	86571901	2443
ENSG0000(	7418.448	9993.367	-0.42903	0.004212	0.009479	HNRNPK	chr9	-	86582998	86595569	2942
ENSG0000(	11.59656	25.90393	-1.1276	0.022199	0.043388	RP11-213G	chr9	+	88430881	88464426	1656
ENSG0000(	523.5782	27.88253	4.2235	3.06E-51	7.26E-50	SVEP1	chr9	-	1.13E+08	1.13E+08	12341
ENSG0000(	0	19.07347	-5.7832	2.72E-06	9.32E-06	TRPV6	chr7	-	1.43E+08	1.43E+08	10425
ENSG0000(	697.0766	1508.46	-1.1116	1.19E-12	6.73E-12	ANKS6	chr9	-	1.01E+08	1.02E+08	7164
ENSG0000(	0.975385	145.6656	-6.837	5.33E-20	4.50E-19	FBP1	chr9	-	97365415	97402531	1487
ENSG0000(	230.6244	356.2646	-0.62684	0.000261	0.000704	TMEM246	chr9	-	1.04E+08	1.04E+08	5070
ENSG0000(	187.4444	30.29336	2.5943	2.24E-08	9.22E-08	ZHX1	chr8	-	1.24E+08	1.24E+08	5108
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CXorf22	chrX	+	35937851	36008269	3608
ENSG0000(	20.0333	3.039702	2.6308	0.000148	0.000412	CYBB	chrX	+	37639264	37672714	4324
ENSG0000(	380.6263	52.44143	2.8546	2.55E-49	5.70E-48	DYNLT3	chrX	-	37696010	37706890	2217
ENSG0000(	46.74498	134.3487	-1.5174	2.57E-07	9.69E-07	WBSCR27	chr7	-	73248920	73256865	941
ENSG0000(	1289.639	3334.718	-1.3688	1.33E-29	1.67E-28	MID1IP1	chrX	+	38660685	38665790	2536
ENSG0000(	0.975385	0.594029	0.4404	0.79523	NA	NCF1C	chr7	-	74572445	74587848	1427
ENSG0000(	14.61603	5.627034	1.3312	0.048116	0.08605	C9orf84	chr9	-	1.14E+08	1.15E+08	5060
ENSG0000(	0.705622	0	0.8807	0.6196	NA	CXorf58	chrX	+	23925918	23957624	1752
ENSG0000(	169.9842	787.3156	-2.2059	7.35E-29	8.95E-28	KIAA1958	chr9	+	1.15E+08	1.15E+08	11775
ENSG0000(	5.1766	180.4996	-5.0303	3.06E-32	4.25E-31	PTCHD1	chrX	+	23352133	23422489	13714
ENSG0000(	0	2.443257	-2.43	0.15738	0.2366	RNF183	chr9	-	1.16E+08	1.16E+08	2312
ENSG0000(	1415.776	85.49385	4.0418	8.29E-166	1.14E-163	PCDH19	chrX	-	99546642	99665271	9756
ENSG0000(	93.09379	103.6011	-0.1582	0.55758	0.65655	PIGA	chrX	-	15337573	15353676	3590
ENSG0000(	2.946693	0.594029	1.7808	0.21045	0.30061	FIGF	chrX	-	15363713	15402498	2037
ENSG0000(	0.290301	0	0.4146	0.81455	NA	OR1K1	chr9	+	1.26E+08	1.26E+08	1026
ENSG0000(	351.0455	1372.824	-1.9652	3.46E-52	8.42E-51	STRBP	chr9	-	1.26E+08	1.26E+08	6290
ENSG0000(	4.148974	438.5749	-6.5393	7.27E-35	1.10E-33	CLDN3	chr7	-	73183328	73184600	1273
ENSG0000(	1102.321	656.1373	0.74723	7.23E-08	2.85E-07	GAPVD1	chr9	+	1.28E+08	1.28E+08	8923
ENSG0000(	970.6742	329.0144	1.5527	2.76E-10	1.32E-09	C9orf89	chr9	+	95858500	95875565	2690
ENSG0000(	2.770247	3664.85	-10.214	1.27E-92	6.61E-91	WNK2	chr9	+	95947198	96082854	7792
ENSG0000(	454.7001	50.60361	3.1489	2.84E-53	7.07E-52	ATP7A	chrX	+	77166194	77305892	8483
ENSG0000(	163.0783	261.3542	-0.6765	0.000113	0.000319	ZNF367	chr9	-	99148223	99180611	3646
ENSG0000(	378.5084	510.6631	-0.43049	0.001244	0.003039	NLGN4Y	chrY	+	16634518	16957530	6617
ENSG0000(	83.22006	67.56226	0.30229	0.22766	0.32071	HDX	chrX	-	83572882	83757487	6200
ENSG0000(	517.5726	515.9511	0.004845	0.97428	0.98556	NDUFB6	chr9	-	32552997	32573160	1366
ENSG0000(	2.73773	1.294874	0.93651	0.45732	0.56257	AQP7	chr9	-	33384765	33402643	1668
ENSG0000(	1419.631	1449.766	-0.02995	0.89851	0.9296	NOL6	chr9	-	33461439	33473928	4741
ENSG0000(	124.2078	18.03915	2.7711	7.28E-20	6.10E-19	AQP3	chr9	-	33441152	33447609	2911
ENSG0000(	154.9857	139.1429	0.15317	0.42938	0.53486	TRMT10B	chr9	+	37753804	37778969	2281
ENSG0000(	11750.1	8511.473	0.46473	8.27E-05	0.000238	VCP	chr9	-	35056061	35073246	4370
ENSG0000(	637.6474	627.4715	0.023939	0.87046	0.90963	PIGO	chr9	-	35088685	35096591	6655
ENSG0000(	1827.052	2978.559	-0.70464	4.25E-13	2.47E-12	STOML2	chr9	-	35099888	35103154	1278
ENSG0000(	448.4409	907.4174	-1.0136	2.17E-11	1.13E-10	BRWD3	chrX	-	79926353	80065187	11381
ENSG0000(	654.5874	542.5139	0.2707	0.022962	0.044718	SLITRK5	chr13	+	88324870	88331868	4444
ENSG0000(	730.3382	826.2208	-0.17767	0.11875	0.18725	MELK	chr9	+	36572859	36677678	2347
ENSG0000(	2.407167	1.949596	0.24097	0.83623	0.88507	ARMC3	chr10	+	23216953	23326518	2811
ENSG0000(	185.8601	271.1556	-0.54015	0.12857	0.19987	OTUD1	chr10	+	23728198	23731308	3111
ENSG0000(	507.5317	649.8856	-0.35463	0.013973	0.028493	ARHGAP12	chr10	-	32094365	32217742	4914
ENSG0000(	1172.553	1505.206	-0.35915	0.060847	0.10567	FAT3	chr11	+	92085262	92629618	19126
ENSG0000(	0.705622	6.846646	-2.9254	0.011389	0.023647	CCDC67	chr11	+	93063137	93171653	2784

ENSG0000(	462.2918	112.826	2.0285	1.46E-19	1.20E-18	HECTD2	chr10	+	93170096	93274586	5368
ENSG0000(	0.995923	1988.568	-10.477	3.91E-52	9.49E-51	SLC7A3	chrX	-	70145432	70150975	2236
ENSG0000(	210.2726	250.1846	-0.24993	0.12401	0.19408	FBXO33	chr14	-	39866873	39901704	3853
ENSG0000(	357.404	152.8401	1.2244	2.16E-14	1.36E-13	DDX26B	chrX	+	1.35E+08	1.35E+08	6791
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	GPR101	chrX	-	1.36E+08	1.36E+08	1527
ENSG0000(	7.220687	3.022717	1.1843	0.1798	0.26397	CLDN2	chrX	+	1.06E+08	1.06E+08	3150
ENSG0000(	812.9121	169.1278	2.2625	1.38E-44	2.73E-43	LRFN5	chr14	+	42076773	42373752	4253
ENSG0000(	35.86196	293.6011	-3.0019	5.22E-23	5.05E-22	ZNF488	chr10	+	48355024	48373866	3561
ENSG0000(	643.7483	676.7671	-0.07276	0.57548	0.6723	SPTSSA	chr14	-	34901995	34931562	2777
ENSG0000(	456.8781	466.2863	-0.02935	0.80952	0.86576	WRN	chr8	+	30891317	31031285	5215
ENSG0000(	378.3799	419.7667	-0.15115	0.27352	0.37323	8-Mar	chr10	-	45950035	46090354	5021
ENSG0000(	31.22553	2.872193	3.2897	2.67E-07	1.00E-06	TSHR	chr14	+	81421333	81612646	4566
ENSG0000(	640.4871	207.3127	1.6276	3.29E-27	3.75E-26	CFL2	chr14	-	35179593	35184029	3131
ENSG0000(	697.5854	711.3045	-0.02767	0.85043	0.89482	SUGT1	chr13	+	53226844	53262433	1663
ENSG0000(	816.2662	976.3142	-0.25831	0.02358	0.045812	GTF2A1	chr14	-	81641796	81687721	6306
ENSG0000(	2354.064	243.3146	3.2664	2.35E-93	1.24E-91	ZCCHC24	chr10	-	81142081	81205383	4933
ENSG0000(	523.1253	709.3348	-0.4384	0.013112	0.026898	PGM2L1	chr11	-	74041363	74109518	8515
ENSG0000(	59.82458	6.943725	3.0204	1.84E-07	7.02E-07	PHYHIPL	chr10	+	60936350	61007534	3578
ENSG0000(	410.5445	120.9919	1.7616	1.94E-26	2.15E-25	SLC16A9	chr10	-	61410523	61495760	4174
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	FOLR2	chr11	+	71927645	71932994	1242
ENSG0000(	5407.253	2390.524	1.1758	1.42E-18	1.11E-17	INPPL1	chr11	+	71934745	71950149	4733
ENSG0000(	1.359003	18.87849	-3.5494	0.000105	0.000299	PHOX2A	chr11	-	71950121	71956708	1699
ENSG0000(	2.572449	0.297015	2.245	0.12938	0.2009	MBL2	chr10	-	54525140	54531460	3569
ENSG0000(	50.40504	4.478651	3.3851	7.31E-11	3.66E-10	GJB2	chr13	-	20761609	20767037	2309
ENSG0000(	121.877	52.8356	1.2047	2.94E-06	1.00E-05	CRYL1	chr13	-	20977806	21099996	1581
ENSG0000(	1156.577	348.7397	1.726	5.69E-45	1.13E-43	REEP3	chr10	+	65281123	65384883	5205
ENSG0000(	3.205292	0.700845	1.8789	0.15017	0.22736	HEPACAM	chr11	-	1.25E+08	1.25E+08	3602
ENSG0000(	303.65	621.8128	-1.0318	8.78E-12	4.67E-11	SKA3	chr13	-	21727734	21750741	2919
ENSG0000(	507.933	418.8659	0.2776	0.17943	0.26352	MICU2	chr13	-	22066836	22178353	1920
ENSG0000(	174.774	329.0417	-0.90923	1.07E-05	3.40E-05	C11orf82	chr11	+	82611017	82669319	3533
ENSG0000(	738.0262	693.1763	0.091	0.50854	0.61199	PCF11	chr11	+	82868030	82898493	7677
ENSG0000(	228.9819	35.04572	2.6892	1.42E-31	1.92E-30	PKNOX2	chr11	+	1.25E+08	1.25E+08	4531
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RPL10L	chr14	-	47120222	47121028	807
ENSG0000(	80.48314	172.9324	-1.1007	3.31E-05	9.97E-05	LRR1	chr14	+	50065415	50081390	1886
ENSG0000(	2220.995	1864.88	0.25201	0.082861	0.13769	RPL36AL	chr14	-	50085237	50087403	746
ENSG0000(	307.846	744.7054	-1.2722	1.72E-17	1.29E-16	DNAAF2	chr14	-	50091892	50101948	2963
ENSG0000(	50.64571	8.873919	2.4723	4.53E-09	1.98E-08	C10orf10	chr10	-	45466429	45474258	2120
ENSG0000(	5.290455	15.40086	-1.4899	0.019004	0.037701	C10orf25	chr10	-	45493146	45496336	3078
ENSG0000(	121.0682	225.7712	-0.89658	0.00024	0.000651	ZNF22	chr10	+	45495923	45500774	2551
ENSG0000(	591.798	817.4902	-0.4669	0.0002	0.000548	KLHDC2	chr14	+	50234326	50249909	2320
ENSG0000(	32.77133	60.76341	-0.88174	0.006256	0.013671	EML5	chr14	-	89078775	89259096	9570
ENSG0000(	885.9714	587.7242	0.59198	0.001151	0.00283	NEMF	chr14	-	50249997	50319921	5038
ENSG0000(	352.7957	727.6037	-1.0426	1.89E-12	1.06E-11	RPUSD4	chr11	-	1.26E+08	1.26E+08	2508
ENSG0000(	2481.68	1774.588	0.48302	0.000198	0.000543	ARF6	chr14	+	50359810	50361490	1583
ENSG0000(	248.9902	152.8967	0.70148	5.61E-05	0.000165	TTC8	chr14	+	89290497	89344335	2226
ENSG0000(	17.55156	78.42961	-2.1327	5.79E-10	2.72E-09	TMEM63C	chr14	+	77582911	77725838	5334
ENSG0000(	0	7.082968	-4.4023	0.00101	0.002502	NGB	chr14	-	77731826	77737655	1884
ENSG0000(	6.026966	6.024416	-0.00086	0.99921	0.99973	NOXRED1	chr14	-	77860364	77889860	2023
ENSG0000(	0.632843	6.862758	-2.5343	0.098466	0.15938	CDX2	chr13	-	28536274	28545276	4053
ENSG0000(	0	18.01484	-5.7186	3.30E-06	1.12E-05	AMER2	chr13	-	25735822	25746426	10055
ENSG0000(	72.99008	28.00646	1.3685	7.57E-06	2.47E-05	AKR1E2	chr10	+	4828821	4890254	1655
ENSG0000(	388.9516	291.769	0.4144	0.011271	0.023425	KBTBD6	chr13	-	41701705	41706882	5178
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	SSX3	chrX	-	48205863	48216142	1232
ENSG0000(	0	202.2976	-8.4826	NA	NA	OTX2	chr14	-	57267425	57277197	2199
ENSG0000(	1.649304	66.90587	-5.1249	9.46E-14	5.70E-13	FAAH2	chrX	+	57313139	57515629	1983
ENSG0000(	0.36308	1.029414	-0.84272	0.63492	NA	DRGX	chr10	-	50572237	50603497	2727
ENSG0000(	543.8599	811	-0.57535	9.41E-06	3.03E-05	NUDT5	chr10	-	12207324	12238143	3433
ENSG0000(	890.3032	375.3126	1.2404	3.09E-06	1.05E-05	DACT1	chr14	+	59100685	59115039	3734
ENSG0000(	0	4.752975	-3.7925	0.007493	0.016119	OXGR1	chr13	-	97637973	97646984	2285
ENSG0000(	0	2.618886	-2.6151	0.12026	0.18917	UCMA	chr10	-	13263767	13276334	826
ENSG0000(	16.20372	169.2569	-3.3324	9.91E-17	7.13E-16	BEND7	chr10	-	13480484	13570974	6524
ENSG0000(	1672.66	1899.851	-0.18343	0.076209	0.12815	ATP5C1	chr10	+	7830092	7849778	1163
ENSG0000(	80.30662	43.79484	0.87024	0.028119	0.053616	PRPF18	chr10	+	13628927	13672868	1717
ENSG0000(	243.8393	302.3304	-0.30874	0.14934	0.22618	TAF3	chr10	+	7860467	8058590	4872
ENSG0000(	20.38521	8.101844	1.3055	0.027634	0.052798	VSTM4	chr10	-	50226490	50323554	2192

ENSG0000(	2138.609	3221.826	-0.59076	1.26E-10	6.19E-10	VDAC2	chr10	+	76969912	76991206	1581
ENSG0000(	72.20989	365.5551	-2.3351	7.32E-35	1.10E-33	COMTD1	chr10	-	76993727	76995788	1094
ENSG0000(	74.15227	159.2298	-1.0981	2.28E-05	7.01E-05	SLC18A2	chr10	+	1.19E+08	1.19E+08	4125
ENSG0000(	678.9563	634.501	0.096723	0.45541	0.56074	PDZD8	chr10	-	1.19E+08	1.19E+08	6484
ENSG0000(	753.6805	16.36468	5.2847	3.73E-13	2.18E-12	ZNF503	chr10	-	77157588	77161664	3347
ENSG0000(	40.77898	12.60802	1.6556	0.000168	0.000466	DACH1	chr13	-	72012098	72441330	5239
ENSG0000(	385.1932	299.3289	0.36352	0.006143	0.01345	FAM175B	chr10	+	1.26E+08	1.27E+08	2992
ENSG0000(	937.558	964.6599	-0.04215	0.72361	0.79549	QSOX2	chr9	-	1.39E+08	1.39E+08	4530
ENSG0000(	446.6071	258.3889	0.78782	1.60E-05	5.02E-05	FAM204A	chr10	-	1.2E+08	1.2E+08	5930
ENSG0000(	2825.904	3652.505	-0.36949	0.010544	0.022059	NSD1	chr5	+	1.77E+08	1.77E+08	12892
ENSG0000(	1462.148	2085.195	-0.51136	1.43E-05	4.51E-05	PRDX3	chr10	-	1.21E+08	1.21E+08	2277
ENSG0000(	214.6459	169.6564	0.33984	0.061917	0.10721	ENOX2	chrX	-	1.3E+08	1.3E+08	4184
ENSG0000(	2091.7	2042.585	0.034435	0.75829	0.82425	GHITM	chr10	+	85899196	85913001	2128
ENSG0000(	663.8162	932.8571	-0.48832	0.031146	0.058601	SNAPC4	chr9	-	1.39E+08	1.39E+08	5010
ENSG0000(	1442.051	1509.905	-0.0661	0.62446	0.71467	PMPCA	chr9	+	1.39E+08	1.39E+08	3341
ENSG0000(	865.6059	1502.515	-0.79359	5.98E-06	1.97E-05	SDCCAG3	chr9	-	1.39E+08	1.39E+08	2314
ENSG0000(	1.742621	0	1.9826	0.25789	NA	FRMD7	chrX	-	1.31E+08	1.31E+08	3198
ENSG0000(	4.532592	9.832103	-1.0448	0.17948	0.26353	AK8	chr9	-	1.36E+08	1.36E+08	2465
ENSG0000(	37.33302	12.30859	1.5661	0.000518	0.001343	C9orf9	chr9	+	1.36E+08	1.36E+08	2536
ENSG0000(	1225.9	825.6139	0.57014	7.32E-06	2.39E-05	TSC1	chr9	-	1.36E+08	1.36E+08	8604
ENSG0000(	0.580602	0.640152	-0.06311	0.97099	NA	GFI1B	chr9	+	1.36E+08	1.36E+08	2449
ENSG0000(	286.6478	398.3877	-0.47358	0.008753	0.018604	HPRT1	chrX	+	1.34E+08	1.34E+08	1407
ENSG0000(	103.3783	103.9248	-0.00415	0.98895	0.99392	LOH12CR1	chr12	+	12510013	12619840	2052
ENSG0000(	168.7197	326.4616	-0.95097	8.76E-08	3.43E-07	FAM69B	chr9	+	1.4E+08	1.4E+08	2410
ENSG0000(	653.8013	1196.486	-0.87076	7.85E-13	4.49E-12	ZMYND19	chr9	-	1.4E+08	1.4E+08	1375
ENSG0000(	6.172523	32.48673	-2.3223	5.08E-05	0.00015	STOX1	chr10	+	70587298	70655188	3377
ENSG0000(	14.64936	374.5499	-4.6676	4.68E-47	9.83E-46	RET	chr10	+	43572475	43625799	5659
ENSG0000(	2237.019	5351.522	-1.2548	2.32E-11	1.20E-10	DDX21	chr10	+	70715884	70744829	4711
ENSG0000(	1637.669	1919.842	-0.22867	0.1559	0.23465	BMS1	chr10	+	43278249	43326856	4224
ENSG0000(	213.7992	275.9343	-0.36748	0.13798	0.21141	STK32C	chr10	-	1.34E+08	1.34E+08	2086
ENSG0000(	8147.736	74.75217	6.7497	0	0	KIAA1462	chr10	-	30301729	30404423	9265
ENSG0000(	571.0728	610.5031	-0.09473	0.48778	0.59179	FUNDC2	chrX	+	1.54E+08	1.54E+08	6455
ENSG0000(	589.5331	714.7698	-0.27716	0.034719	0.064676	TMEM55B	chr14	-	20925878	20929771	3453
ENSG0000(	223.4349	314.3692	-0.4918	0.02143	0.041995	METTL17	chr14	+	21457929	21465189	2887
ENSG0000(	2.137404	0.297015	1.8293	0.26324	0.3614	SLC39A2	chr14	+	21467414	21470030	1379
ENSG0000(	175.3613	429.9137	-1.2885	9.37E-12	4.98E-11	NDRG2	chr14	-	21484922	21539031	2880
ENSG0000(	2.80195	0.715414	1.4773	0.34084	0.44478	RNASE7	chr14	+	21510385	21512393	1498
ENSG0000(	8510.216	2502.835	1.7633	8.60E-49	1.91E-47	ARHGEF40	chr14	+	21538429	21558399	5919
ENSG0000(	1383.336	2205.982	-0.67171	0.000208	0.000569	NSMF	chr9	-	1.4E+08	1.4E+08	3646
ENSG0000(	312.8136	2643.673	-3.0711	1.21E-65	4.03E-64	ZNF219	chr14	-	21558205	21572881	3071
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	C12orf50	chr12	-	88373816	88427814	3889
ENSG0000(	388.6224	52.84539	2.8598	1.22E-42	2.29E-41	CASP7	chr10	+	1.15E+08	1.15E+08	2694
ENSG0000(	9.335761	6.746278	0.44962	0.55882	0.65767	PPP1R36	chr14	+	65016620	65056098	1686
ENSG0000(	0.580602	19.25319	-4.4076	2.34E-05	7.19E-05	BTNL9	chr5	+	1.8E+08	1.8E+08	3500
ENSG0000(	381.3654	271.5178	0.49064	0.037345	0.069035	C10orf118	chr10	-	1.16E+08	1.16E+08	7245
ENSG0000(	2.789971	56.3795	-4.1497	1.03E-12	5.85E-12	VWA2	chr10	+	1.16E+08	1.16E+08	2946
ENSG0000(	730.0533	913.2218	-0.32304	0.009914	0.020855	METTL3	chr14	-	21966277	21979517	2523
ENSG0000(	467.2157	7203.318	-3.9391	8.55E-144	9.00E-142	SALL2	chr14	-	21989232	22005350	4925
ENSG0000(	1.451506	4.386404	-1.2851	0.33919	0.44315	PRAP1	chr10	+	1.35E+08	1.35E+08	971
ENSG0000(	348.0516	419.1414	-0.26778	0.14358	0.21855	TRUB1	chr10	+	1.17E+08	1.17E+08	3403
ENSG0000(	3.391111	0.997859	1.5297	0.22175	0.31393	FAM194B	chr13	-	46108657	46189874	2421
ENSG0000(	548.0894	348.9625	0.64902	0.001092	0.002693	ZFYVE1	chr14	-	73436159	73493920	4485
ENSG0000(	0	1.058552	-1.361	0.4451	NA	PNLIPRP2	chr10	+	1.18E+08	1.18E+08	1481
ENSG0000(	0.632843	115.8084	-6.9421	2.36E-16	1.66E-15	C10orf82	chr10	-	1.18E+08	1.18E+08	1791
ENSG0000(	301.3307	93.53924	1.6747	1.16E-08	4.91E-08	HSPA12A	chr10	-	1.18E+08	1.19E+08	5722
ENSG0000(	0.580602	1.309443	-0.76283	0.64523	NA	FAM35BP	chr10	+	46897592	46939143	3337
ENSG0000(	105.8122	357.2307	-1.7456	1.42E-14	9.10E-14	FRAT1	chr10	+	99079022	99081672	2651
ENSG0000(	1856.586	840.8723	1.1399	1.44E-11	7.53E-11	UBTD1	chr10	+	99258625	99330966	1706
ENSG0000(	0.72616	0.357707	0.52227	0.76959	NA	ANKRD2	chr10	+	99332198	99343641	1484
ENSG0000(	689.1165	560.644	0.29725	0.047114	0.084493	E2F7	chr12	-	77415027	77459360	5740
ENSG0000(	193.8359	336.5169	-0.79441	2.26E-05	6.97E-05	ARHGAP42	chr11	+	1.01E+08	1.01E+08	5685
ENSG0000(	134.7367	274.7152	-1.0251	6.68E-08	2.64E-07	ISCA2	chr14	+	74960423	74963809	2626
ENSG0000(	18.90021	12.96573	0.51913	0.33086	0.43402	OTOGL	chr12	+	80603233	80772870	8083
ENSG0000(	13.0395	1722.765	-6.9977	9.99E-167	1.39E-164	GYLTL1B	chr11	+	45943172	45950647	2528
ENSG0000(	449.6954	1332.69	-1.5647	1.66E-26	1.84E-25	PACSIN3	chr11	-	47199076	47207994	2009

ENSG0000(	763.2851	350.8642	1.1183	9.95E-13	5.65E-12	TTC7B	chr14	-	91006932	91282823	3484
ENSG0000(	2166.383	583.7146	1.8886	3.81E-45	7.63E-44	SLC39A13	chr11	+	47428683	47438047	3553
ENSG0000(	3080.948	2682.887	0.19951	0.16695	0.24825	PSMC3	chr11	-	47440320	47447993	1544
ENSG0000(	4.512054	3.823929	0.21315	0.81563	0.87063	RAPSN	chr11	-	47459308	47470730	1671
ENSG0000(	0.975385	27.46185	-4.4601	5.41E-07	1.98E-06	AGBL2	chr11	-	47681143	47736941	3577
ENSG0000(	7.583767	400.7249	-5.6688	8.66E-58	2.39E-56	TC2N	chr14	-	92246095	92333880	5146
ENSG0000(	1192.906	1773.516	-0.57103	6.04E-08	2.40E-07	CPSF2	chr14	+	92588281	92630755	5301
ENSG0000(	7.116206	1.638012	1.9535	0.039362	0.072381	SMCO2	chr12	+	27619743	27655118	1272
ENSG0000(	292.2978	298.4818	-0.0307	0.8581	0.9004	MOAP1	chr14	-	93648541	93651273	2529
ENSG0000(	238.9435	230.9363	0.048816	0.79447	0.85419	IFI27L1	chr14	+	94547628	94570192	828
ENSG0000(	19.33884	16.68204	0.20401	0.76595	0.83065	IFI27	chr14	+	94571182	94583033	2430
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	SERPINA12	chr14	-	94953611	94984181	2061
ENSG0000(	105.777	140.4053	-0.40802	0.061402	0.10645	CLMN	chr14	-	95654735	95786243	6289
ENSG0000(	348.3731	0.686276	8.4551	1.28E-25	1.37E-24	PDZRN4	chr12	+	41582250	41968392	3411
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	SLC6A5	chr11	+	20620946	20680831	7084
ENSG0000(	1.048164	4.461666	-1.7463	0.19781	0.28597	CCDC38	chr12	-	96260826	96336752	2599
ENSG0000(	1.016461	13.48765	-3.4024	0.000819	0.002061	NELL1	chr11	+	20691117	21597227	3329
ENSG0000(	68.43956	144.213	-1.0733	7.30E-06	2.38E-05	PTER	chr10	+	16478942	16555736	3777
ENSG0000(	3.983692	41.12916	-3.292	2.45E-09	1.09E-08	C1QL3	chr10	-	16555742	16564004	2493
ENSG0000(	41.72429	82.35144	-0.97581	0.001806	0.004304	CACNB2	chr10	+	18429606	18830798	4464
ENSG0000(	160.3541	112.8141	0.50351	0.028601	0.05442	PTPLA	chr10	-	17631958	17659376	1310
ENSG0000(	1722.258	1241.719	0.47172	0.001825	0.004344	ARL5B	chr10	+	18948334	18970568	7196
ENSG0000(	274.5875	417.9221	-0.6039	1.35E-05	4.27E-05	SMCO4	chr11	-	93211638	93276674	1104
ENSG0000(	407.8785	226.6036	0.84693	0.000347	0.00092	KIAA1731	chr11	+	93394805	93463522	8055
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	KCNC2	chr12	-	75433857	75603648	5625
ENSG0000(	874.822	1208.321	-0.4645	0.011511	0.023877	TAF1D	chr11	-	93463114	93517557	4358
ENSG0000(	414.0854	498.6669	-0.26706	0.20866	0.29864	ABTB2	chr11	-	34172535	34379555	4902
ENSG0000(	232.9573	272.2261	-0.22258	0.28225	0.38336	R3HCC1L	chr10	+	99894387	1E+08	3418
ENSG0000(	5306.309	1698.667	1.6425	2.18E-81	9.29E-80	AMOTL1	chr11	+	94439597	94609918	8970
ENSG0000(	13534.44	257.1686	5.7138	0	0	HTRA1	chr10	+	1.24E+08	1.24E+08	2120
ENSG0000(	0.342542	0	0.4146	0.81455	NA	LIPC	chr15	+	58702768	58861151	2968
ENSG0000(	774.301	792.0837	-0.03171	0.8504	0.89482	CEP57	chr11	+	95523129	95565857	3178
ENSG0000(	64.57053	50.99369	0.33395	0.3472	0.45142	TCP11L2	chr12	+	1.07E+08	1.07E+08	3198
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	PASD1	chrX	+	1.51E+08	1.51E+08	4098
ENSG0000(	2909.334	1151.909	1.3354	1.37E-46	2.84E-45	SPRED1	chr15	+	38544527	38649450	7780
ENSG0000(	629.1625	3402.533	-2.4333	9.81E-84	4.38E-82	GPR176	chr15	-	40091233	40213093	3844
ENSG0000(	2518.457	947.4723	1.4083	3.47E-33	4.99E-32	JAM3	chr11	+	1.34E+08	1.34E+08	3912
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	IL25	chr14	+	23842018	23845612	1315
ENSG0000(	0	2624.929	-12.42	1.54E-31	2.09E-30	GLB1L3	chr11	+	1.34E+08	1.34E+08	3862
ENSG0000(	531.2203	59.30177	3.1554	1.73E-44	3.41E-43	ADAMTS15	chr11	+	1.3E+08	1.3E+08	5669
ENSG0000(	0	2.087966	-2.2641	0.18897	0.27528	SVOP	chr12	-	1.09E+08	1.09E+08	3104
ENSG0000(	1510.349	2188.89	-0.53474	1.10E-07	4.29E-07	GPT2	chr16	+	46918290	46965209	4228
ENSG0000(	16.26354	55.68281	-1.7347	0.000795	0.002003	AMN	chr14	+	1.03E+08	1.03E+08	2772
ENSG0000(	392.2997	381.5507	0.04077	0.79539	0.85499	RAB8B	chr15	+	63481668	63559981	4943
ENSG0000(	884.2812	110.947	2.9892	1.05E-84	4.76E-83	IKBIP	chr12	-	99007183	99038891	3189
ENSG0000(	254.8759	545.9517	-1.0984	6.62E-14	4.04E-13	RPUSD2	chr15	+	40861499	40866659	1875
ENSG0000(	825.704	753.992	0.13118	0.24411	0.33973	HIF1AN	chr10	+	1.02E+08	1.02E+08	3019
ENSG0000(	17.96688	18.22048	-0.02385	0.9594	0.97558	NDUFB8	chr10	-	1.02E+08	1.02E+08	1234
ENSG0000(	402.0622	263.4507	0.60775	0.002174	0.005116	ZFYVE19	chr15	+	41099284	41106767	2913
ENSG0000(	0.632843	1.012429	-0.45981	0.7761	NA	PPP1R14D	chr15	-	41107650	41120907	750
ENSG0000(	134.704	2988.598	-4.4658	5.06E-238	1.57E-235	SPINT1	chr15	+	41136216	41150405	3056
ENSG0000(	36267.01	110.7233	8.3169	5.08E-238	1.57E-235	FBN1	chr15	-	48700503	48938046	11756
ENSG0000(	4.346772	2.058828	0.92493	0.46615	0.57089	AVPR1A	chr12	-	63539014	63544722	1525
ENSG0000(	8.413595	29.4009	-1.7428	0.003951	0.008931	DEPDC4	chr12	-	1.01E+08	1.01E+08	2337
ENSG0000(	0.36308	2.367995	-2.0754	0.17115	0.25357	LRTM2	chr12	+	1929433	1945918	3986
ENSG0000(	928.225	1672.087	-0.84818	1.23E-13	7.36E-13	BRD7	chr16	-	50347398	50402845	5370
ENSG0000(	132.8459	9924.616	-6.2107	0	0	CKB	chr14	-	1.04E+08	1.04E+08	1709
ENSG0000(	249.4881	485.3545	-0.94976	0.006514	0.014186	TRMT61A	chr14	+	1.04E+08	1.04E+08	3229
ENSG0000(	503.7379	420.9578	0.25826	0.032966	0.061708	BTRC	chr10	+	1.03E+08	1.03E+08	6134
ENSG0000(	296.3647	466.2801	-0.65249	0.000748	0.001891	POLL	chr10	-	1.03E+08	1.03E+08	2914
ENSG0000(	729.3004	873.8714	-0.26051	0.10478	0.16787	BAG5	chr14	-	1.04E+08	1.04E+08	4867
ENSG0000(	282.6584	276.0809	0.036044	0.81607	0.8708	DPCD	chr10	+	1.03E+08	1.03E+08	1499
ENSG0000(	517.2121	247.6348	1.0563	5.72E-05	0.000168	LARP6	chr15	-	71123863	71146498	2075
ENSG0000(	1325.637	2146.003	-0.69427	1.58E-09	7.17E-09	API5	chr11	+	43333513	43366079	3714
ENSG0000(	0	24.07256	-6.134	3.31E-07	1.24E-06	ASPG	chr14	+	1.05E+08	1.05E+08	2157

ENSG0000(	262.113	248.604	0.077321	0.68868	0.76789	ZNF319	chr16	-	58028572	58034357	4221
ENSG0000(	791.2216	609.5846	0.37392	0.12971	0.20139	HPS6	chr10	+	1.04E+08	1.04E+08	2646
ENSG0000(	14.84472	41.05464	-1.4288	0.001366	0.00332	SENP8	chr15	+	72406599	72433311	1834
ENSG0000(	1941.845	4160	-1.0965	2.82E-10	1.36E-09	NOLC1	chr10	+	1.04E+08	1.04E+08	3966
ENSG0000(	209.5818	131.4026	0.67102	0.00771	0.016543	ALKBH3	chr11	+	43902361	43941816	1557
ENSG0000(	683.3846	708.0025	-0.04965	0.82377	0.87567	COPS2	chr15	-	49398268	49447858	4061
ENSG0000(	12.28245	3250.937	-8.0157	8.51E-208	2.00E-205	GABRB3	chr15	-	26788693	27184686	5934
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	SPIC	chr12	+	1.02E+08	1.02E+08	1132
ENSG0000(	2.729171	1.652581	0.61866	0.60334	0.69671	TBATA	chr10	-	72530995	72545157	1583
ENSG0000(	1390.432	1308.846	0.086937	0.42944	0.53486	SGPL1	chr10	+	72575717	72640930	5745
ENSG0000(	493.9309	293.8772	0.74878	1.22E-06	4.32E-06	FRS2	chr12	+	69864129	69973562	6861
ENSG0000(	2992.29	5023.419	-0.74575	3.63E-06	1.22E-05	CCT2	chr12	+	69979114	69995350	2189
ENSG0000(	249.0038	334.2549	-0.42625	0.004636	0.010377	PCBD1	chr10	-	72642037	72648541	1006
ENSG0000(	1022.416	1046.29	-0.0333	0.84719	0.89284	ARIH1	chr15	+	72766667	72879692	6047
ENSG0000(	11.72337	5.436835	1.0742	0.152	0.22961	C16orf71	chr16	+	4784273	4799397	3705
ENSG0000(	1148.184	179.5387	2.6699	3.07E-57	8.39E-56	CLMP	chr11	-	1.23E+08	1.23E+08	2610
ENSG0000(	15.03216	3.47267	2.0418	0.007093	0.01534	SCN3B	chr11	-	1.23E+08	1.24E+08	6061
ENSG0000(	516.0321	624.6136	-0.2755	0.025546	0.049212	COX11	chr17	-	53029263	53046146	3244
ENSG0000(	213.9497	561.5793	-1.3811	1.02E-05	3.28E-05	ZNF202	chr11	-	1.24E+08	1.24E+08	4130
ENSG0000(	29.85634	47.19399	-0.65103	0.048248	0.086254	FAM227B	chr15	-	49619159	49913128	2204
ENSG0000(	129.1217	125.077	0.045685	0.87156	0.9102	STXBP4	chr17	+	53046088	53241646	6243
ENSG0000(	194.3835	669.9176	-1.7787	2.67E-34	3.98E-33	CYYR1	chr21	-	27838528	27945603	3101
ENSG0000(	629.9761	384.3723	0.71237	4.66E-05	0.000138	CUL5	chr11	+	1.08E+08	1.08E+08	6351
ENSG0000(	0.290301	10.88904	-4.2429	0.000619	0.001585	MYRFL	chr12	+	70219084	70352877	3465
ENSG0000(	1825.953	660.2161	1.4659	4.15E-42	7.71E-41	WBP1L	chr10	+	1.05E+08	1.05E+08	4104
ENSG0000(	126.2844	37.94531	1.7206	2.79E-07	1.05E-06	C10orf32	chr10	+	1.05E+08	1.05E+08	2422
ENSG0000(	0.36308	1.98115	-1.8644	0.22572	0.31845	C2	chr6	+	31865562	31913449	2850
ENSG0000(	201.5929	305.5021	-0.59627	0.040662	0.074418	PLEKHF1	chr19	+	30155963	30166364	2084
ENSG0000(	66.44943	5.802663	3.428	5.68E-12	3.05E-11	TMEM100	chr17	-	53796988	53809482	1962
ENSG0000(	441.4484	677.6878	-0.61716	1.11E-05	3.54E-05	ANAPC16	chr10	+	73975787	73995618	3195
ENSG0000(	673.1473	82.76177	3.0126	8.72E-59	2.46E-57	SMPD1	chr11	+	6411655	6416228	2452
ENSG0000(	799.7738	765.1585	0.063265	0.66392	0.74714	APBB1	chr11	-	6416355	6440644	2642
ENSG0000(	17.72882	26.03988	-0.54621	0.20672	0.29649	SYNPO2L	chr10	-	75404639	75415830	4921
ENSG0000(	88.15762	81.66912	0.11031	0.63268	0.72172	NUDT13	chr10	+	74870217	74891586	2140
ENSG0000(	5.208303	7.997445	-0.57929	0.45173	0.55725	C11orf65	chr11	-	1.08E+08	1.08E+08	2683
ENSG0000(	1612.828	634.7199	1.3432	2.79E-25	2.96E-24	TRIM44	chr11	+	35684353	35829775	3182
ENSG0000(	21.03859	10.8405	0.93432	0.059405	0.10359	ILK	chr11	+	6624961	6632102	2074
ENSG0000(	1471.499	1544.602	-0.06985	0.49942	0.60319	TAF10	chr11	-	6627526	6633898	5393
ENSG0000(	1331.189	748.0412	0.83096	1.67E-14	1.06E-13	TPP1	chr11	-	6634000	6640692	3536
ENSG0000(	6610.569	948.8595	2.7959	1.05E-88	5.12E-87	DCHS1	chr11	-	6642556	6677085	10763
ENSG0000(	900.9556	492.9363	0.8694	6.20E-15	4.05E-14	NETO1	chr18	-	70409549	70535381	3058
ENSG0000(	77.86522	56.6661	0.45119	0.20342	0.29233	MSS51	chr10	-	75183339	75193319	2421
ENSG0000(	217.0728	984.1953	-2.1741	1.52E-45	3.08E-44	CYB5A	chr18	-	71920530	71959251	5913
ENSG0000(	167.0102	530.6859	-1.6677	1.37E-29	1.72E-28	USP54	chr10	-	75257296	75385711	6247
ENSG0000(	38.24484	38.2101	-0.00268	0.99495	0.99714	RAG1	chr11	+	36532259	36614706	6564
ENSG0000(	125.0976	96.70824	0.37191	0.064966	0.11179	C11orf74	chr11	+	36616051	36694823	930
ENSG0000(	27.35749	26.29319	0.047942	0.90302	0.93288	WDR88	chr19	+	33622996	33666701	1835
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	OR10A5	chr11	+	6866883	6867936	1054
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	OR2D2	chr11	-	6912721	6913830	1110
ENSG0000(	329.9138	339.463	-0.03982	0.82205	0.87475	ATP9B	chr18	+	76829285	77138283	7353
ENSG0000(	262.0411	187.9848	0.47696	0.038858	0.071545	PPFIBP2	chr11	+	7534529	7678358	3557
ENSG0000(	296.4119	451.4139	-0.60585	3.59E-06	1.21E-05	CYB5R2	chr11	-	7686331	7698453	7463
ENSG0000(	1583.609	0	11.777	2.57E-28	3.07E-27	SERPINB7	chr18	+	61420169	61472604	2203
ENSG0000(	930.1245	526.1924	0.81957	1.08E-05	3.44E-05	KIAA0355	chr19	+	34745457	34846491	6702
ENSG0000(	203.6256	15.93574	3.6326	5.03E-17	3.68E-16	SERPINB8	chr18	+	61637159	61672278	3477
ENSG0000(	769.4119	783.1719	-0.02604	0.8567	0.89936	TUB	chr11	+	8040791	8127659	6420
ENSG0000(	1.161205	82.01306	-5.7114	1.27E-15	8.61E-15	RIC3	chr11	-	8127597	8190602	5272
ENSG0000(	0.290301	6.313309	-3.5001	0.007265	0.015662	LMO1	chr11	-	8245851	8290263	1279
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	OR5P1P	chr11	-	7794437	7795361	925
ENSG0000(	269.6164	174.6806	0.62502	0.000116	0.00033	IDH3A	chr15	+	78423840	78464291	4128
ENSG0000(	1.887365	217.9171	-6.5919	2.51E-29	3.12E-28	WDR72	chr15	-	53805938	54055075	7507
ENSG0000(	1917.986	3491.126	-0.86277	3.36E-14	2.09E-13	CRABP1	chr15	+	78632666	78640572	772
ENSG0000(	2.613524	3.930745	-0.52964	0.6235	0.71388	PLD4	chr14	+	1.05E+08	1.05E+08	2007
ENSG0000(	52.69738	70.27588	-0.41043	0.16862	0.25032	ZMAT1	chrX	-	1.01E+08	1.01E+08	5754
ENSG0000(	133.322	56.76801	1.2244	3.03E-07	1.13E-06	XRRA1	chr11	-	74518784	74660245	5681

ENSG0000(	65.14014	89.29113	-0.45593	0.068023	0.11624	TRIM66	chr11	-	8633584	8693413	10083
ENSG0000(	306.6026	268.105	0.19246	0.43299	0.53842	RNF169	chr11	+	74459913	74553458	7823
ENSG0000(	10469.86	14480.7	-0.46736	4.24E-05	0.000126	RPL27A	chr11	+	8703958	8736306	4916
ENSG0000(	1578.577	373.4783	2.0755	1.13E-61	3.40E-60	ST5	chr11	-	8714898	8932498	4545
ENSG0000(	287.773	31.91539	3.1496	1.04E-27	1.22E-26	CDYL2	chr16	-	80637609	80838226	2353
ENSG0000(	285.1963	35.94093	2.9332	8.05E-11	4.01E-10	TMEM130	chr7	-	98444111	98468394	3891
ENSG0000(	13.04969	138.1255	-3.3866	1.20E-22	1.14E-21	PRTG	chr15	-	55903744	56035288	11967
ENSG0000(	357.3767	382.4382	-0.09594	0.57662	0.67333	CENPN	chr16	+	81040103	81066719	2481
ENSG0000(	442.1137	243.6592	0.8571	5.60E-09	2.43E-08	AKIP1	chr11	+	8932686	8941631	1421
ENSG0000(	1036.967	1066.138	-0.03986	0.79885	0.8575	ATMIN	chr16	+	81069452	81080963	5343
ENSG0000(	28.08283	17.69198	0.64957	0.16133	0.24142	C16orf46	chr16	-	81087102	81110872	1857
ENSG0000(	626.7548	448.0952	0.48216	0.039579	0.072714	TMEM41B	chr11	-	9302201	9336327	3968
ENSG0000(	0.975385	40.85571	-5.0062	8.93E-09	3.81E-08	DKFZP686J	chr16	-	81134480	81253975	7379
ENSG0000(	476.1139	394.8409	0.26966	0.27577	0.37592	LEO1	chr15	-	52230222	52264003	2193
ENSG0000(	265.402	346.3307	-0.38313	0.028046	0.053502	ZNF143	chr11	+	9481866	9550071	2947
ENSG0000(	1372.453	333.4072	2.0388	1.55E-47	3.32E-46	TMX3	chr18	-	66340925	66382535	4927
ENSG0000(	14399.76	108.9042	7.0374	0	0	MFAP4	chr17	-	19286755	19290553	1932
ENSG0000(	903.2371	2253.711	-1.3184	3.70E-42	6.89E-41	WEE1	chr11	+	9595228	9615004	5187
ENSG0000(	732.2032	658.27	0.15414	0.28734	0.38898	MAPK7	chr17	+	19281034	19286857	4533
ENSG0000(	3.444166	361.8191	-6.6332	7.89E-41	1.41E-39	FAM86GP	chr11	-	3431582	3443726	971
ENSG0000(	3.52811	111.4926	-4.9455	1.08E-20	9.36E-20	PRKCB	chr16	+	23847322	24231932	7969
ENSG0000(	1948.761	1543.369	0.33602	0.001966	0.004659	HDGFRP3	chr15	-	83784320	83876770	2422
ENSG0000(	427.7347	286.8992	0.57363	0.01711	0.034259	NDST2	chr10	-	75556272	75571589	5818
ENSG0000(	4254.952	12107.45	-1.5065	3.44E-29	4.24E-28	MCM7	chr7	-	99690351	99699563	2957
ENSG0000(	0	1.029414	-1.1526	0.51496	NA	CLEC3A	chr16	+	78056412	78100658	1971
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	CCDC68	chr18	-	52568740	52626739	4132
ENSG0000(	1.628766	0.343138	1.6246	0.30143	0.40279	CLEC4E	chr12	-	8685901	8693559	2159
ENSG0000(	495.6702	960.9251	-0.95231	4.73E-08	1.90E-07	ZNF3	chr7	-	99661656	99680171	3473
ENSG0000(	0	2.621302	-2.8604	0.069395	0.11824	CLEC4D	chr12	+	8662071	8674962	1936
ENSG0000(	94.57692	180.9065	-0.92802	3.27E-05	9.86E-05	ZSCAN21	chr7	+	99647390	99662661	2005
ENSG0000(	1188.757	1460.055	-0.29674	0.010281	0.021558	RIMKLB	chr12	+	8834196	8935691	5830
ENSG0000(	3.640337	128.057	-4.9402	2.49E-23	2.44E-22	A2ML1	chr12	+	8975068	9039597	5274
ENSG0000(	52.05516	2.618886	4.1696	7.72E-12	4.12E-11	BEAN1	chr16	+	66461200	66527432	2929
ENSG0000(	148.361	70.82224	1.0587	0.00065	0.001659	TK2	chr16	-	66541906	66586447	5114
ENSG0000(	1965.826	766.8388	1.3574	8.43E-36	1.32E-34	TMED3	chr15	+	79603404	79704334	1483
ENSG0000(	0	1.759397	-2.0294	0.24451	NA	SLC38A8	chr16	-	84043272	84076241	1308
ENSG0000(	244.6657	310.6437	-0.34712	0.032532	0.061011	SEC11C	chr18	+	56806709	56826068	1202
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CPLX4	chr18	-	56942388	56985881	1966
ENSG0000(	0.290301	19.18591	-5.0449	1.30E-05	4.11E-05	GALR1	chr18	+	74962505	74980858	1050
ENSG0000(	312.5149	323.4052	-0.04677	0.77238	0.8361	TMEM135	chr11	+	86748886	87034800	3938
ENSG0000(	19.29858	41.9879	-1.1087	0.018652	0.037075	IQCD	chr12	-	1.14E+08	1.14E+08	1872
ENSG0000(	1362.878	448.415	1.6008	1.76E-29	2.20E-28	NDEL1	chr17	+	8316449	8393729	3927
ENSG0000(	415.9794	1589.03	-1.9303	1.64E-43	3.16E-42	CENPV	chr17	-	16245848	16256970	1770
ENSG0000(	2.427705	1.309443	0.72743	0.5777	0.67421	RRAD	chr16	-	66955582	66959547	1569
ENSG0000(	870.5952	525.1735	0.72699	6.49E-07	2.36E-06	FAM96B	chr16	-	66965959	66968326	718
ENSG0000(	3.226643	4.037561	-0.30891	0.78497	0.84599	WDR16	chr17	+	9479944	9546776	2266
ENSG0000(	20583.44	11582.67	0.82808	5.00E-08	2.00E-07	HSP90B1	chr12	+	1.04E+08	1.04E+08	3032
ENSG0000(	5.871057	0.343138	3.3751	0.010004	0.021036	MC4R	chr18	-	58038564	58040001	1438
ENSG0000(	760.4276	1019.553	-0.42305	4.69E-05	0.000139	BLCAP	chr20	-	36130816	36156333	2205
ENSG0000(	4.378475	13.82596	-1.5996	0.023247	0.04522	CHRFAM7A	chr15	-	30653443	30686052	2794
ENSG0000(	105.693	54.58526	0.95113	0.000121	0.000342	SPDYE6	chr7	-	1.02E+08	1.02E+08	3145
ENSG0000(	51.90797	172.141	-1.7142	8.04E-14	4.88E-13	ATF7IP2	chr16	+	10420291	10577495	3665
ENSG0000(	10.17675	2.263595	2.0109	0.022247	0.043456	MMP10	chr11	-	1.03E+08	1.03E+08	1758
ENSG0000(	13.05067	37.94538	-1.509	0.000472	0.001231	TVP23A	chr16	-	10854776	10912651	3677
ENSG0000(	3354.872	2441.579	0.45811	0.000363	0.000959	NGFRAP1	chrX	+	1.03E+08	1.03E+08	921
ENSG0000(	13.35295	7.922183	0.72435	0.23543	0.32929	TMPRSS5	chr11	-	1.14E+08	1.14E+08	2232
ENSG0000(	644.9807	248.5003	1.3738	9.40E-25	9.74E-24	COG1	chr17	+	71189129	71204646	4051
ENSG0000(	10.8413	397.4837	-5.1508	1.91E-56	5.11E-55	PLEKHA7	chr11	-	16799842	17035990	4804
ENSG0000(	107.248	167.3054	-0.64281	0.000981	0.002438	ZNF606	chr19	-	58488421	58514717	4248
ENSG0000(	47.55166	38.17284	0.31347	0.34736	0.45155	ZCCHC18	chrX	+	1.03E+08	1.03E+08	1248
ENSG0000(	5246.698	595.5477	3.1359	4.47E-140	4.43E-138	B2M	chr15	+	45003675	45011075	2329
ENSG0000(	1033.042	1143.571	-0.14597	0.35508	0.45932	ZNF592	chr15	+	85291866	85349659	7861
ENSG0000(	1893.357	422.3817	2.1588	7.97E-53	1.96E-51	CASC4	chr15	+	44580927	44707956	3962
ENSG0000(	0	84.20784	-7.9226	4.18E-13	2.44E-12	HTR3A	chr11	+	1.14E+08	1.14E+08	2432
ENSG0000(	2636.985	1.029414	10.867	5.16E-57	1.40E-55	NNMT	chr11	+	1.14E+08	1.14E+08	1867

ENSG0000(	0	2.947455	-3.0782	0.043573	0.078942	ACSM1	chr16	-	20634559	20710212	2147
ENSG0000(	1617.805	1408.445	0.19987	0.18206	0.26684	AP1G1	chr16	-	71762913	71843104	6959
ENSG0000(	2385.104	246.1998	3.2658	1.92E-68	6.75E-67	SLFN5	chr17	+	33570055	33600674	10591
ENSG0000(	43.54246	35.99746	0.2671	0.44717	0.55262	CATSPER2	chr15	-	43920701	43960316	5071
ENSG0000(	0	14.27275	-5.4485	7.97E-06	2.59E-05	STRCP1	chr15	-	43991686	44010382	5328
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC004696.	chr19	+	56988619	57012035	1521
ENSG0000(	396.3152	119.0552	1.7332	2.64E-27	3.04E-26	C16orf45	chr16	+	15528152	15718885	2404
ENSG0000(	1166.585	482.4505	1.2719	3.49E-27	3.99E-26	KIAA0430	chr16	-	15688243	15737023	7743
ENSG0000(	274.3384	449.9252	-0.71169	0.000108	0.000308	SAAL1	chr11	-	18091482	18127638	1582
ENSG0000(	30.97468	119.7948	-1.9299	8.79E-11	4.36E-10	YPEL4	chr11	-	57412560	57417417	4000
ENSG0000(	1536.844	774.1261	0.9876	1.33E-16	9.50E-16	PPIB	chr15	-	64448011	64455404	1208
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	LDHC	chr11	+	18433854	18473605	2041
ENSG0000(	390.842	731.6242	-0.90537	1.38E-12	7.78E-12	FAM96A	chr15	-	64364758	64386217	1536
ENSG0000(	5.653535	2.872193	0.88242	0.33949	0.44334	LDHAL6A	chr11	+	18477371	18501147	2526
ENSG0000(	379.3519	260.1021	0.54287	0.004067	0.009178	FAM111A	chr11	+	58910221	58922512	6189
ENSG0000(	417.0299	161.0615	1.3707	7.84E-14	4.76E-13	KIAA0101	chr15	-	64657193	64679886	1511
ENSG0000(	725.1847	609.8402	0.24883	0.075538	0.12719	KIF7	chr15	-	90152020	90198682	4551
ENSG0000(	25.22945	72.43775	-1.5029	0.000839	0.002107	LDHD	chr16	-	75145758	75150669	2067
ENSG0000(	0	5.777557	-3.724	0.017622	0.035204	PLIN1	chr15	-	90207596	90222658	2953
ENSG0000(	63.03444	40.33452	0.63177	0.16158	0.24178	PEX11A	chr15	-	90220995	90234014	2740
ENSG0000(	252.2646	679.0535	-1.4243	1.20E-17	9.10E-17	TMEM170A	chr16	-	75476952	75499395	4959
ENSG0000(	16.6703	16.2725	0.031309	0.95715	0.97393	MESP1	chr15	-	90291892	90294541	2369
ENSG0000(	3600.742	44.86326	6.3107	0	0	ANPEP	chr15	-	90328120	90358633	3678
ENSG0000(	0	15.29559	-5.4168	2.54E-05	7.76E-05	SCNN1G	chr16	+	23194036	23228204	3507
ENSG0000(	210.9522	4177.115	-4.3032	7.27E-201	1.59E-198	RBPMS2	chr15	-	65032091	65067786	2008
ENSG0000(	1874.128	1174.113	0.67476	2.36E-10	1.14E-09	NAV2	chr11	+	19372271	20143144	11000
ENSG0000(	98.39297	88.58378	0.15168	0.60155	0.6951	ANKDD1A	chr15	+	65204101	65251042	3113
ENSG0000(	4.181491	79.26877	-4.1983	6.92E-15	4.51E-14	GLYATL1	chr11	+	58672871	58811000	2281
ENSG0000(	389.3957	466.9478	-0.26313	0.083351	0.13839	C18orf54	chr18	+	51884287	51911588	5237
ENSG0000(	1299.245	1079.534	0.26692	0.10143	0.16335	DCTN5	chr16	+	23652713	23681195	3430
ENSG0000(	1505.47	307.4632	2.2892	1.25E-89	6.20E-88	TERF2IP	chr16	+	75681684	75795051	2118
ENSG0000(	1714.617	3487.911	-1.0233	3.49E-23	3.40E-22	PLK1	chr16	+	23688977	23701688	4135
ENSG0000(	1068.588	1043.328	0.034267	0.78834	0.84872	CLPX	chr15	-	65440557	65477680	4695
ENSG0000(	1.338465	12.51094	-2.9576	0.003004	0.006924	GPR182	chr12	+	57388230	57390468	1694
ENSG0000(	335.9432	973.5704	-1.534	3.74E-34	5.55E-33	ZBTB39	chr12	-	57392618	57400230	6170
ENSG0000(	0	1.416259	-1.7181	0.33141	NA	CACNG2	chr22	-	36959968	37099603	2384
ENSG0000(	21.82474	22.88692	-0.0669	0.8934	0.92607	TAC3	chr12	-	57403784	57422667	1237
ENSG0000(	1.306762	5.522634	-1.8643	0.08462	0.14022	MYO1A	chr12	-	57422301	57444982	3658
ENSG0000(	0	11.53651	-5.1031	5.78E-05	0.000169	CHP2	chr16	+	23765948	23770272	2382
ENSG0000(	594.9854	935.6753	-0.65244	3.08E-05	9.33E-05	TMEM194A	chr12	-	57449426	57481846	5590
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	OR4D6	chr11	+	59224411	59225464	1054
ENSG0000(	1656.75	420.309	1.9754	4.01E-47	8.43E-46	NAB2	chr12	+	57482677	57489259	2711
ENSG0000(	1586.579	1022.412	0.63326	4.68E-10	2.21E-09	VPS39	chr15	-	42450899	42500514	4844
ENSG0000(	1760.388	1021.124	0.78454	2.35E-13	1.39E-12	STAT6	chr12	-	57489191	57525922	4034
ENSG0000(	768.6235	583.5471	0.39736	0.001697	0.004062	PATL1	chr11	-	59404189	59436453	4072
ENSG0000(	69.3583	71.38229	-0.0474	0.8659	0.90664	XRCC6BP1	chr12	+	58335324	58351052	1245
ENSG0000(	64.26679	105.4022	-0.69767	0.2022	0.29094	ELFN2	chr22	-	37764000	37823505	8360
ENSG0000(	429.0244	1044.629	-1.2822	2.27E-19	1.85E-18	STX3	chr11	+	59480929	59573354	6363
ENSG0000(	468.4773	746.6866	-0.67099	0.000162	0.00045	MRPL16	chr11	-	59573608	59578345	1182
ENSG0000(	557.3386	434.3949	0.35915	0.018101	0.036066	PIP4K2C	chr12	+	57984957	57997198	2924
ENSG0000(	308.7504	281.229	0.13452	0.37622	0.48027	MTMR10	chr15	-	31231144	31283810	5679
ENSG0000(	4518.542	4530.564	-0.0038	0.97859	0.98817	YWHAB	chr20	+	43514317	43537173	3109
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	RP13-49I15	chr10	-	1.35E+08	1.35E+08	674
ENSG0000(	0.923144	0	1.223	0.49292	NA	C15orf48	chr15	+	45722727	45740959	875
ENSG0000(	100.3707	197.0777	-0.97317	1.56E-06	5.48E-06	SCG5	chr15	+	32933877	32989299	1238
ENSG0000(	9945.111	8.921586	6.6709	2.23E-05	6.86E-05	GREM1	chr15	+	33010175	33026870	4168
ENSG0000(	56.81644	165.7424	-1.5176	0.001241	0.003032	NYAP1	chr7	+	1E+08	1E+08	3584
ENSG0000(	907.4648	661.5818	0.45358	0.056999	0.099752	TSC22D4	chr7	-	1E+08	1E+08	2383
ENSG0000(	3.008307	2.979009	0.005469	0.99569	0.99763	MS4A7	chr11	+	60145955	60163424	2871
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	MS4A14	chr11	+	60146003	60185161	2997
ENSG0000(	374.1058	698.0113	-0.89769	1.31E-11	6.87E-11	DIS3L	chr15	+	66585555	66626236	3763
ENSG0000(	295.8914	306.857	-0.05344	0.73454	0.80409	CCNDBP1	chr15	+	43477316	43487396	2746
ENSG0000(	3.496407	7.068399	-0.98103	0.28288	0.38403	EPB42	chr15	-	43398423	43513481	4553
ENSG0000(	1448.103	1168.859	0.30854	0.008073	0.017242	SMAD3	chr15	+	67356101	67487533	6247
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	MS4A8	chr11	+	60467047	60483284	1353

ENSG0000(	6.825904	1.234181	2.1796	0.037645	0.069542	CCDC178	chr18	-	30517366	31021065	3391
ENSG0000(	0	2.431104	-2.4718	0.14705	0.22313	MS4A15	chr11	+	60524426	60544205	2110
ENSG0000(	3115.104	32.98669	6.3141	1.50E-20	1.30E-19	MAP1A	chr15	+	43803156	43823818	10553
ENSG0000(	471.6884	478.6044	-0.02157	0.90424	0.93383	RCCD1	chr15	+	91498100	91506349	3157
ENSG0000(	127.3876	113.3247	0.16619	0.42946	0.53486	AKTIP	chr16	-	53525291	53538323	2133
ENSG0000(	788.853	734.1923	0.10434	0.42938	0.53486	MAPRE2	chr18	+	32556892	32723434	4323
ENSG0000(	32.27109	59.10117	-0.86674	0.007441	0.016016	EVA1C	chr21	+	33784314	33887707	2492
ENSG0000(	0	2.401965	-2.0937	0.23902	0.33362	TCP10L2	chr6	+	1.68E+08	1.68E+08	2185
ENSG0000(	2980.206	4598.808	-0.62517	4.51E-10	2.13E-09	MARS	chr12	+	57869228	57911352	3592
ENSG0000(	667.5639	247.5259	1.4304	1.78E-23	1.76E-22	MBD6	chr12	+	57914493	57923931	4282
ENSG0000(	367.3145	102.6621	1.8368	3.10E-18	2.40E-17	CNPY4	chr7	+	99717236	99723134	1502
ENSG0000(	8557.944	5311.761	0.68739	1.21E-08	5.08E-08	PDIA3	chr15	+	44038590	44065477	3727
ENSG0000(	2101.498	3050.117	-0.53669	1.97E-05	6.11E-05	NUDT21	chr16	-	56463045	56486111	4436
ENSG0000(	7.136743	3.198346	1.0707	0.2183	0.3098	NAT16	chr7	-	1.01E+08	1.01E+08	2935
ENSG0000(	13.85042	8.640013	0.65259	0.29333	0.39536	NKX3-1	chr8	-	23536206	23540440	3271
ENSG0000(	0	152.1639	-8.6109	2.39E-14	1.50E-13	SGSM1	chr22	+	25202236	25323545	6643
ENSG0000(	0	2.901332	-3.0081	0.053293	0.094014	RP11-93B1	chr20	-	61272071	61274656	1933
ENSG0000(	106.7841	15.75454	2.7296	3.01E-16	2.11E-15	DUSP18	chr22	-	31048038	31063877	2920
ENSG0000(	174.7328	443.3358	-1.3371	2.31E-10	1.12E-09	TEF	chr22	+	41763337	41795330	4394
ENSG0000(	10.96453	3.50993	1.5166	0.084816	0.14042	MEI1	chr22	+	42095503	42195460	4020
ENSG0000(	886.4077	735.0897	0.26865	0.24799	0.3442	PBX3	chr9	+	1.29E+08	1.29E+08	2902
ENSG0000(	1.016461	1.669566	-0.55298	0.71602	0.78964	GNGT2	chr17	-	47280153	47287936	918
ENSG0000(	1215.926	2126.508	-0.80503	1.55E-11	8.09E-11	PHB	chr17	-	47481414	47492246	1832
ENSG0000(	873.9436	1568.092	-0.84103	1.35E-06	4.75E-06	SNRPD1	chr18	+	19192228	19210344	1768
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	TTC16	chr9	+	1.3E+08	1.3E+08	5139
ENSG0000(	564.2334	152.8208	1.8791	5.28E-29	6.46E-28	SAMD14	chr17	-	48187404	48207246	4425
ENSG0000(	42.67311	85.97872	-0.99599	0.00322	0.00739	PIP5KL1	chr9	-	1.31E+08	1.31E+08	2198
ENSG0000(	34.78551	152.1095	-2.1118	5.08E-12	2.74E-11	TMEM92	chr17	+	48348767	48358844	2765
ENSG0000(	615.1995	1380.633	-1.1651	2.57E-20	2.20E-19	FAM102A	chr9	-	1.31E+08	1.31E+08	4316
ENSG0000(	662.1834	185.1368	1.8325	4.25E-23	4.12E-22	ACSF2	chr17	+	48503519	48552206	2251
ENSG0000(	3487.543	1353.936	1.3608	4.11E-12	2.24E-11	GOLGA2	chr9	-	1.31E+08	1.31E+08	4260
ENSG0000(	572.6748	593.0517	-0.0497	0.8231	0.87527	TRUB2	chr9	-	1.31E+08	1.31E+08	1777
ENSG0000(	454.2743	440.6579	0.044612	0.81112	0.86704	COQ4	chr9	+	1.31E+08	1.31E+08	3127
ENSG0000(	723.2655	611.2971	0.24207	0.14403	0.21916	SLC27A4	chr9	+	1.31E+08	1.31E+08	2781
ENSG0000(	1045.09	1073.604	-0.03814	0.84004	0.88775	URM1	chr9	+	1.31E+08	1.31E+08	3045
ENSG0000(	5629.412	367.9333	3.9243	5.88E-108	3.80E-106	CERCAM	chr9	+	1.31E+08	1.31E+08	5197
ENSG0000(	479.524	716.8514	-0.57805	0.00022	0.000598	DOLPP1	chr9	+	1.32E+08	1.32E+08	2177
ENSG0000(	216.1277	258.0107	-0.25574	0.21032	0.30047	ENDOG	chr9	+	1.32E+08	1.32E+08	1172
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	TBC1D21	chr15	+	74165949	74181555	1207
ENSG0000(	108.1849	296.4061	-1.4476	9.13E-11	4.53E-10	PRRX2	chr9	+	1.32E+08	1.32E+08	1233
ENSG0000(	612.2178	1316.485	-1.1025	6.10E-23	5.87E-22	C15orf39	chr15	+	75487984	75504510	4517
ENSG0000(	391.8009	1305.156	-1.7301	1.23E-16	8.81E-16	ISLR2	chr15	+	74392652	74430881	4817
ENSG0000(	666.0093	483.6177	0.4604	0.018865	0.037449	SP2	chr17	+	45973516	46006323	3112
ENSG0000(	0.870904	4.522358	-1.8231	0.20903	0.29906	PRR15L	chr17	-	46029333	46035244	1519
ENSG0000(	264.4887	271.3465	-0.03504	0.85844	0.90057	COQ7	chr16	+	19078921	19091417	2657
ENSG0000(	326.8998	3949.408	-3.5859	2.53E-109	1.67E-107	GPRC5B	chr16	-	19868616	19897489	4610
ENSG0000(	1847.826	1125.242	0.71441	3.92E-07	1.45E-06	CRK	chr17	-	1323983	1366456	3880
ENSG0000(	0	1.294874	-1.8547	0.27869	NA	C16orf92	chr16	+	30034655	30039057	895
ENSG0000(	0	21.52652	-5.9092	2.26E-06	7.78E-06	GOLGA6C	chr15	+	75550940	75562540	2082
ENSG0000(	622.2753	779.8269	-0.32457	0.14035	0.21424	FBXO22	chr15	+	76196200	76227609	3483
ENSG0000(	1385.55	399.2926	1.7891	1.18E-20	1.02E-19	TBC1D2B	chr15	-	78276378	78370066	6086
ENSG0000(	1.286224	17.78671	-3.4766	0.000209	0.00057	NOD2	chr16	+	50727514	50766988	4486
ENSG0000(	2.282147	0.297015	2.0825	0.16536	0.24634	SNX20	chr16	-	50700211	50715264	3304
ENSG0000(	0	52.05875	-7.2682	6.53E-11	3.28E-10	LOXHD1	chr18	-	44056935	44236996	6848
ENSG0000(	33.1001	133.9458	-1.9922	3.10E-08	1.26E-07	KATNAL2	chr18	+	44497455	44627658	1877
ENSG0000(	219.2556	299.5376	-0.44893	0.010439	0.021862	HDHD2	chr18	-	44633774	44676891	3229
ENSG0000(	1.814586	1.058552	0.63682	0.6726	0.75482	C17orf78	chr17	+	35732928	35749662	1862
ENSG0000(	192.604	411.2464	-1.0888	6.97E-07	2.52E-06	ZNF91	chr19	-	23487793	23578362	5489
ENSG0000(	13704.31	89.40183	7.2362	3.35E-269	1.30E-266	IGF2	chr11	-	2150342	2170833	5585
ENSG0000(	304.6493	299.7286	0.023206	0.87633	0.91412	RNF214	chr11	+	1.17E+08	1.17E+08	2846
ENSG0000(	1299.545	1601.031	-0.29989	0.11861	0.18709	CDK12	chr17	+	37617764	37721160	7734
ENSG0000(	0.632843	0.357707	0.4993	0.77637	NA	DPEP2	chr16	-	68021297	68034489	2248
ENSG0000(	202.9571	226.4034	-0.15727	0.31915	0.42203	DUS2L	chr16	+	68021649	68113223	2310
ENSG0000(	345.2474	386.8453	-0.16221	0.45012	0.55574	POP5	chr12	-	1.21E+08	1.21E+08	913
ENSG0000(	308.7869	746.7495	-1.2694	2.29E-08	9.45E-08	ENGASE	chr17	+	77071021	77084681	4626

ENSG0000(	2.055252	333.78	-6.4461	1.66E-08	6.94E-08	RBFOX3	chr17	-	77085427	77613550	3072
ENSG0000(	476.847	506.6396	-0.08521	0.63299	0.72194	ATP5L	chr11	+	1.18E+08	1.18E+08	1582
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	CD3D	chr11	-	1.18E+08	1.18E+08	861
ENSG0000(	5399	5333.337	0.017616	0.87509	0.91322	TBC1D16	chr17	-	77906142	78009647	10936
ENSG0000(	114.3084	97.55638	0.22517	0.33107	0.43425	ENTHD2	chr17	-	79202077	79212891	3642
ENSG0000(	46.54995	227.7484	-2.278	1.07E-22	1.01E-21	MYO5B	chr18	-	47349183	47721463	9505
ENSG0000(	8.75695	149.8838	-4.0549	3.04E-21	2.72E-20	ART5	chr11	-	3659733	3663546	1504
ENSG0000(	682.1672	1369.288	-1.0044	5.88E-14	3.60E-13	ACAA2	chr18	-	47309869	47340330	2018
ENSG0000(	1025.501	428.4588	1.2545	1.92E-09	8.63E-09	STIM1	chr11	+	3875757	4114439	4038
ENSG0000(	1709.379	1477.098	0.21071	0.065553	0.11264	RRM1	chr11	+	4115937	4160106	3166
ENSG0000(	223.0751	156.0232	0.51459	0.004563	0.010223	TRIM68	chr11	-	4619902	4629489	3352
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC104389.	chr11	-	5326206	5526882	1163
ENSG0000(	185.539	355.9219	-0.93371	0.000673	0.001715	FN3K	chr17	+	80693451	80709073	2515
ENSG0000(	235.2401	175.4059	0.41993	0.071148	0.12081	PRRT2	chr16	+	29823177	29827201	3000
ENSG0000(	15.57006	23.57152	-0.56955	0.28081	0.38176	ZNF23	chr16	-	71481500	71496998	3242
ENSG0000(	1111.442	725.4356	0.61428	1.80E-07	6.89E-07	IRGQ	chr19	-	44088521	44100287	9685
ENSG0000(	283.5573	183.9483	0.62408	0.001972	0.004671	ZNF226	chr19	+	44669226	44682534	5972
ENSG0000(	60.87291	80.12087	-0.39233	0.15255	0.23033	ZNF229	chr19	-	44921685	44952766	5387
ENSG0000(	87.46235	132.7288	-0.59456	0.059775	0.10416	ZNF180	chr19	-	44979854	45004576	3270
ENSG0000(	666.705	1521.856	-1.1888	7.76E-16	5.33E-15	PPP2R3B	chrX	-	294698	347690	5802
ENSG0000(	398.489	366.1078	0.12291	0.38486	0.48908	ZNF668	chr16	-	31072164	31085641	2865
ENSG0000(	758.1931	1196.115	-0.65691	1.79E-08	7.44E-08	ZNF646	chr16	+	31085743	31095517	8118
ENSG0000(	33.37166	29.07555	0.19758	0.60301	0.69637	VKORC1	chr16	-	31102163	31107301	1077
ENSG0000(	7.85353	1.416259	2.2861	0.027161	0.051991	GNG8	chr19	-	47137333	47137942	216
ENSG0000(	0.923144	5.89491	-2.3221	0.037514	0.069321	LPO	chr17	+	56295909	56345879	3371
ENSG0000(	0.36308	19.05728	-5.0474	7.96E-06	2.59E-05	CA4	chr17	+	58227297	58248260	1154
ENSG0000(	388.3229	440.3327	-0.18011	0.26163	0.35979	SMG8	chr17	+	57286761	57292608	3477
ENSG0000(	22722.92	8298.559	1.4514	2.72E-30	3.50E-29	TPM4	chr19	+	16177831	16213813	2672
ENSG0000(	214.9706	269.7775	-0.32806	0.035186	0.06545	RAB8A	chr19	+	16222439	16245044	2827
ENSG0000(	2944.78	3950.051	-0.42281	0.002341	0.005479	GPX4	chr19	+	1103936	1106787	1159
ENSG0000(	2665.186	7582.19	-1.5056	1.95E-25	2.08E-24	MIDN	chr19	+	1248552	1259142	3790
ENSG0000(	2.697468	5.99931	-1.061	0.29165	0.39349	JSRP1	chr19	-	2252252	2269758	1137
ENSG0000(	4.875134	5.687726	-0.19847	0.81934	0.87305	FAM129C	chr19	+	17634110	17664648	5115
ENSG0000(	255.4434	387.006	-0.59689	0.011126	0.023154	KLHL26	chr19	+	18747775	18781309	3192
ENSG0000(	2153.6	4065.849	-0.91561	1.04E-12	5.90E-12	GATAD2A	chr19	+	19496639	19619740	5776
ENSG0000(	4942.79	2129.599	1.2116	9.06E-11	4.49E-10	MVD	chr16	-	88718343	88729569	2352
ENSG0000(	773.8691	4407.579	-2.5037	8.15E-47	1.70E-45	CDT1	chr16	+	88869621	88875666	3240
ENSG0000(	514.2847	651.3884	-0.33948	0.020939	0.041122	TRAPPC2L	chr16	+	88922628	88929094	3102
ENSG0000(	5632.334	4676.582	0.26796	0.020376	0.040119	ANKRD11	chr16	-	89334038	89556969	9301
ENSG0000(	165.5126	147.7552	0.16462	0.3829	0.48704	C16orf55	chr16	+	89724210	89737680	3339
ENSG0000(	10.52867	14.65389	-0.46189	0.41189	0.51673	SGK494	chr17	-	26934982	26941218	2975
ENSG0000(	86.32526	363.4447	-2.0672	1.05E-21	9.57E-21	PROCA1	chr17	-	27030215	27038872	3168
ENSG0000(	16817.65	24690.17	-0.55347	9.71E-08	3.79E-07	RPL13	chr16	+	89627065	89630950	2385
ENSG0000(	134.6453	88.66884	0.59907	0.022941	0.04468	ZNF641	chr12	-	48733791	48745197	4872
ENSG0000(	944.0751	85.83309	3.4411	7.54E-77	3.05E-75	CACNB3	chr12	+	49207577	49222724	4029
ENSG0000(	72.47044	265.4745	-1.8634	8.92E-19	7.06E-18	DHRS13	chr17	-	27224799	27230089	2037
ENSG0000(	1104.344	800.0333	0.46314	0.029704	0.056282	TP53I13	chr17	+	27893070	27900175	2468
ENSG0000(	3885.657	2962.233	0.39071	0.005355	0.01186	MLL2	chr12	-	49412758	49453557	19419
ENSG0000(	127.4869	67.31312	0.91625	0.000137	0.000385	CORO6	chr17	-	27941774	27949925	4069
ENSG0000(	34.63897	105.5492	-1.5962	1.91E-06	6.66E-06	RHEBL1	chr12	-	49458468	49463808	1261
ENSG0000(	24004.66	4647.394	2.365	6.93E-59	1.96E-57	TUBA1A	chr12	-	49578579	49583107	1915
ENSG0000(	2837.65	2868.404	-0.01514	0.89523	0.92726	TUBA1C	chr12	+	49582519	49667114	1800
ENSG0000(	7.447583	43.62499	-2.4832	7.94E-07	2.86E-06	ZNF610	chr19	+	52839498	52871031	2723
ENSG0000(	0.580602	6.007431	-2.6052	0.067657	0.11569	ZNF528	chr19	+	52901102	52921665	4809
ENSG0000(	73.2728	144.2539	-0.96553	0.010938	0.022794	ZNF701	chr19	+	53059075	53090427	5538
ENSG0000(	671.0732	347.4723	0.94905	3.62E-10	1.72E-09	SERTAD3	chr19	-	40946751	40950612	1734
ENSG0000(	1960.621	866.4016	1.1752	3.15E-14	1.97E-13	NCKAP5L	chr12	-	50184929	50222533	4900
ENSG0000(	87.03228	60.29822	0.52143	0.091172	0.14941	RAB4B	chr19	+	41284121	41302847	1982
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AQP2	chr12	+	50344524	50352664	4174
ENSG0000(	2.012384	4.772377	-1.0853	0.36496	0.46937	GPD1	chr12	+	50497602	50505102	3082
ENSG0000(	393.6426	223.3964	0.81294	6.85E-05	0.000199	C19orf55	chr19	+	36249044	36261930	3607
ENSG0000(	1.359003	3895.095	-11.124	2.21E-72	8.27E-71	CYP2S1	chr19	+	41698954	41713444	2782
ENSG0000(	4307.846	447.0465	3.2629	5.59E-131	5.11E-129	AXL	chr19	+	41725108	41767671	4737
ENSG0000(	43.5295	86.11534	-0.978	0.000223	0.000606	NFKBID	chr19	-	36378555	36393185	1834
ENSG0000(	20.42629	123.6466	-2.5711	1.42E-12	7.96E-12	TMC4	chr19	-	54663846	54676944	2412

ENSG0000(	8.403243	9.214641	-0.13921	0.83635	0.88515	ANKRD33	chr12	+	52281744	52285448	3319
ENSG0000(	1.431782	4.349145	-1.4526	0.20932	0.29927	LAIR1	chr19	-	54865362	54882165	2606
ENSG0000(	26.00027	704.2435	-4.7492	3.42E-87	1.63E-85	TTYH1	chr19	+	54926393	54948080	3679
ENSG0000(	4433.827	2460.832	0.84827	3.31E-12	1.81E-11	LENG8	chr19	+	54960065	54973217	5790
ENSG0000(	1873.513	101.5659	4.1065	2.22E-14	1.40E-13	CDC42EP5	chr19	-	54976210	54984411	864
ENSG0000(	4.056471	70.60297	-4.0552	2.68E-14	1.68E-13	TMEM145	chr19	+	42817477	42829214	2011
ENSG0000(	491.9636	481.1635	0.032962	0.81168	0.86754	ZNF526	chr19	+	42724423	42732353	4023
ENSG0000(	540.0254	295.999	0.86409	6.85E-07	2.48E-06	TRAPPC9	chr8	-	1.41E+08	1.41E+08	29517
ENSG0000(	0	64.06146	-7.5355	1.28E-11	6.73E-11	NLRP7	chr19	-	55434877	55477680	3826
ENSG0000(	1399.724	1707.297	-0.28518	0.16838	0.25002	ZNF146	chr19	+	36705504	36729676	3780
ENSG0000(	117.8162	83.94305	0.48707	0.13685	0.21009	ZNF283	chr19	+	44331444	44353307	2851
ENSG0000(	22.69645	473.3821	-4.3453	4.36E-56	1.16E-54	PPP1R14A	chr19	-	38741877	38747231	949
ENSG0000(	25.42546	2812.409	-6.7781	4.37E-195	9.20E-193	SPINT2	chr19	+	38734675	38783254	3807
ENSG0000(	0	1.606458	-1.9287	0.27074	NA	C19orf33	chr19	+	38794801	38795649	520
ENSG0000(	1519.046	1418.769	0.098156	0.5641	0.66212	YIF1B	chr19	-	38795753	38807913	1917
ENSG0000(	4.378475	19.42311	-2.0953	0.001441	0.003489	DNAAF3	chr19	-	55670031	55678090	2228
ENSG0000(	1.338465	2.185918	-0.62939	0.62205	0.71249	PSCA	chr8	+	1.44E+08	1.44E+08	1020
ENSG0000(	1.233984	735.6158	-8.7654	2.29E-39	3.97E-38	ATCAY	chr19	+	3879862	3928077	5070
ENSG0000(	1917.675	1618.955	0.2439	0.099383	0.16064	DAPK3	chr19	-	3958451	3971121	2257
ENSG0000(	56035.69	84029.73	-0.58363	3.54E-05	0.000106	EEF2	chr19	-	3976054	3985467	3164
ENSG0000(	5.217676	17.87251	-1.7055	0.013691	0.027973	TMIGD2	chr19	-	4292229	4302428	1262
ENSG0000(	960.1272	3733.095	-1.9557	2.13E-41	3.86E-40	CHAF1A	chr19	+	4402659	4445015	3339
ENSG0000(	2132.577	1071.93	0.99148	1.16E-14	7.42E-14	UBXN6	chr19	-	4444996	4457819	4598
ENSG0000(	2472.842	3287.1	-0.4103	0.000405	0.001065	HDGFRP2	chr19	+	4472284	4502223	3115
ENSG0000(	46.88133	55.28387	-0.24063	0.52659	0.62836	PLIN4	chr19	-	4502204	4517716	6341
ENSG0000(	279.0789	3089.383	-3.4469	1.14E-35	1.78E-34	SEMA6B	chr19	-	4542600	4559820	3986
ENSG0000(	969.8388	1595.79	-0.71655	3.88E-05	0.000116	ZNF444	chr19	+	56643968	56672262	5565
ENSG0000(	1811.956	3233.534	-0.83492	2.25E-17	1.68E-16	NXN	chr17	-	702553	883010	3036
ENSG0000(	812.1098	506.7251	0.67943	1.41E-07	5.45E-07	FAM57A	chr17	+	635652	646206	2406
ENSG0000(	842.9397	886.1555	-0.07146	0.66528	0.74848	GLOD4	chr17	-	660337	685581	2737
ENSG0000(	330.2984	1496.673	-2.1764	1.04E-47	2.22E-46	MFSD3	chr8	+	1.46E+08	1.46E+08	1548
ENSG0000(	9.668116	6.615156	0.52684	0.49409	0.59796	GPT	chr8	+	1.46E+08	1.46E+08	1885
ENSG0000(	204.0131	372.6403	-0.86553	0.000267	0.000721	KIFC2	chr8	+	1.46E+08	1.46E+08	3646
ENSG0000(	138.8609	342.7631	-1.2971	1.36E-13	8.13E-13	SLC43A2	chr17	-	1477673	1532180	3254
ENSG0000(	84.83668	189.3137	-1.1555	2.00E-06	6.95E-06	RILP	chr17	-	1549444	1553371	1771
ENSG0000(	4.584833	22.17553	-2.1902	0.001092	0.002691	SERPINF2	chr17	+	1646130	1658562	2284
ENSG0000(	769.8126	483.0949	0.67105	0.000202	0.000553	WDR81	chr17	+	1619817	1641893	6733
ENSG0000(	100.3579	41.03617	1.2736	2.06E-05	6.37E-05	SRR	chr17	+	2206677	2228554	2728
ENSG0000(	895.6762	1465.909	-0.70725	0.003071	0.007066	TSR1	chr17	-	2225951	2240801	5034
ENSG0000(	17.17136	21.69477	-0.3331	0.55191	0.65142	TRPV3	chr17	-	3413796	3461289	5050
ENSG0000(	80.89341	106.2315	-0.38878	0.31169	0.41374	HSD11B1L	chr19	+	5680615	5688533	1884
ENSG0000(	186.9878	156.2706	0.25955	0.13467	0.20767	CYB5D2	chr17	+	4046462	4090605	1910
ENSG0000(	0	3.662869	-3.392	0.022082	0.043169	GGT6	chr17	-	4460222	4464113	2534
ENSG0000(	906.8766	2295.129	-1.3347	1.34E-10	6.59E-10	C19orf48	chr19	-	51300961	51308186	1844
ENSG0000(	0	11.05172	-5.0881	4.23E-05	0.000126	KLK1	chr19	-	51322404	51327043	1854
ENSG0000(	0	2.918317	-3.0219	0.051534	0.091339	KLK4	chr19	-	51409608	51413994	1347
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	KLK2	chr19	+	51364824	51383823	3019
ENSG0000(	0	3.526915	-3.3414	0.025042	0.048329	KLK5	chr19	-	51446559	51456349	1563
ENSG0000(	0	3.662869	-3.392	0.022082	0.043169	KLK6	chr19	-	51461887	51472929	1708
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	KLK11	chr19	-	51525472	51531295	1542
ENSG0000(	0	21.96989	-6.0825	1.58E-07	6.05E-07	KLK13	chr19	-	51559463	51568371	1614
ENSG0000(	4.906837	10.41968	-1.0452	0.13443	0.2074	AC018755.	chr19	-	52095036	52097633	1701
ENSG0000(	471.9091	335.527	0.49151	0.005329	0.011807	ZNF83	chr19	-	53097313	53193749	4442
ENSG0000(	43.65631	4.821789	3.079	7.08E-09	3.04E-08	KRT80	chr12	-	52562780	52585784	3894
ENSG0000(	2.604151	0	2.8487	0.070705	0.12022	KRT1	chr12	-	53068520	53074191	2451
ENSG0000(	1.233984	0	1.5686	0.37707	NA	ACER1	chr19	-	6306153	6333640	1445
ENSG0000(	1326.131	1964.04	-0.56542	5.14E-07	1.88E-06	OTUB1	chr11	+	63753325	63769283	2493
ENSG0000(	733.4779	2643.398	-1.847	1.28E-63	4.05E-62	RCOR2	chr11	-	63678693	63684316	2604
ENSG0000(	79.2415	59.14742	0.41651	0.20248	0.29128	ANGPTL4	chr19	+	8428173	8439257	1879
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	NDUFA7	chr19	-	8373167	8386263	580
ENSG0000(	687.4091	1205.97	-0.80853	2.41E-07	9.09E-07	CD320	chr19	-	8367011	8373240	1729
ENSG0000(	1038.431	152.0001	2.7661	5.41E-43	1.03E-41	SPRYD3	chr12	-	53458388	53473204	2644
ENSG0000(	245.5717	29.34746	3.0483	8.94E-38	1.48E-36	IGFBP6	chr12	+	53491220	53496129	1177
ENSG0000(	1.286224	0.343138	1.3346	0.40921	NA	SOAT2	chr12	+	53497302	53518322	2044
ENSG0000(	0	29.77156	-6.4949	1.47E-08	6.14E-08	ZNF558	chr19	-	8920380	8943004	3498

ENSG0000(	1958.367	2547.677	-0.37932	0.000313	0.000836	NDUFV1	chr11	+	67374323	67380006	1748
ENSG0000(	1782.844	909.9196	0.97001	3.25E-19	2.63E-18	CDK2AP2	chr11	-	67273968	67276120	1692
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	C3P1	chr19	+	10148479	10184811	4612
ENSG0000(	273.6209	161.9572	0.74829	0.048946	0.087361	NUDT8	chr11	-	67395409	67397401	1465
ENSG0000(	44.73178	124.3158	-1.3783	0.11687	0.18463	TBX10	chr11	-	67398774	67407031	1548
ENSG0000(	1354.031	2211.313	-0.70664	3.47E-10	1.65E-09	PRDX2	chr19	-	12907634	12912694	1717
ENSG0000(	117.757	360.4795	-1.6091	1.89E-12	1.05E-11	ZNF232	chr17	-	5008836	5026411	2384
ENSG0000(	274.4526	431.6488	-0.65111	0.001387	0.003366	MIS12	chr17	+	5389605	5394134	2505
ENSG0000(	1.286224	0.343138	1.3346	0.40921	NA	CD300C	chr17	-	72537247	72542282	1517
ENSG0000(	0.995923	3.518794	-1.5048	0.25616	0.35352	CD300A	chr17	+	72462555	72480933	1856
ENSG0000(	11.22492	619.945	-5.7243	5.06E-52	1.23E-50	HID1	chr17	-	72946838	72969261	3271
ENSG0000(	254.0281	368.0499	-0.53259	0.001656	0.003968	ICT1	chr17	+	73008765	73017356	890
ENSG0000(	371.7571	898.8355	-1.271	1.20E-14	7.69E-14	ATP5H	chr17	-	73034958	73043080	2191
ENSG0000(	20.69784	58.40435	-1.4774	8.81E-05	0.000253	TMEM88	chr17	+	7758383	7759417	875
ENSG0000(	0.653381	20.29388	-4.5035	4.25E-06	1.42E-05	EVPL	chr17	-	74000583	74023533	6614
ENSG0000(	2389.382	2071.398	0.20613	0.032611	0.061122	SRP68	chr17	-	74035184	74068734	2649
ENSG0000(	244.5247	467.6183	-0.93143	8.19E-06	2.66E-05	MGAT5B	chr17	+	74864538	74946475	4492
ENSG0000(	6.504714	22.37218	-1.7342	0.011133	0.023165	TMC8	chr17	+	76126851	76139049	4411
ENSG0000(	1665.831	1771.846	-0.08852	0.60657	0.69964	TK1	chr17	-	76170160	76183314	1681
ENSG0000(	175.106	272.6388	-0.63725	0.019693	0.038925	TMEM68	chr8	-	56608983	56685966	2588
ENSG0000(	62.57445	33.11627	0.91586	0.004686	0.010481	RP11-25K1	chr8	+	60031599	60033905	1106
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	GSDMA	chr17	+	38119226	38134019	2164
ENSG0000(	0.36308	0	0.4146	0.81455	NA	KRT24	chr17	-	38854243	38860002	1881
ENSG0000(	75.98062	54.47428	0.48043	0.16078	0.24072	TMEM99	chr17	+	38975358	38992522	2058
ENSG0000(	68.31031	239.2205	-1.7988	1.42E-14	9.07E-14	GHDC	chr17	-	40340817	40346531	2650
ENSG0000(	753.8716	1250.067	-0.72801	9.32E-07	3.34E-06	ITFG3	chr16	+	284545	319942	3213
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	SOST	chr17	-	41831099	41836156	2300
ENSG0000(	12.20886	23.5789	-0.92135	0.12422	0.19431	PRR25	chr16	+	855443	863861	1209
ENSG0000(	1035.471	1046.627	-0.01552	0.91193	0.93967	ZNF598	chr16	-	2047655	2059824	4457
ENSG0000(	46.88035	86.89654	-0.8888	0.003762	0.008532	RAB26	chr16	+	2190804	2204166	1922
ENSG0000(	1038.873	1625.69	-0.64546	2.42E-09	1.08E-08	MLST8	chr16	+	2254249	2259417	2116
ENSG0000(	556.3941	720.8894	-0.37271	0.014455	0.029372	E4F1	chr16	+	2273567	2285743	5931
ENSG0000(	5.778554	5.980709	-0.07308	0.93539	0.95756	DNASE1L2	chr16	+	2285817	2288712	2194
ENSG0000(	605.4885	1274.625	-1.0719	6.28E-15	4.10E-14	ECI1	chr16	-	2289396	2302301	1541
ENSG0000(	17.89671	250.7517	-3.7687	9.75E-23	9.30E-22	CASKIN1	chr16	-	2227184	2246526	5756
ENSG0000(	54.42044	529.7039	-3.2566	4.19E-25	4.40E-24	ABCA3	chr16	-	2325882	2390747	6609
ENSG0000(	1077.202	756.503	0.50869	0.013342	0.027342	KCTD5	chr16	+	2732476	2759031	2482
ENSG0000(	12717.31	15208.34	-0.2577	0.055954	0.098134	SRRM2	chr16	+	2802330	2822539	9353
ENSG0000(	46.65843	34.69842	0.42429	0.30229	0.40358	ZNF597	chr16	-	3486104	3493542	1831
ENSG0000(	18.9628	27.13569	-0.50968	0.2543	0.35134	NLRC3	chr16	-	3589033	3627401	6603
ENSG0000(	49.39795	74.09887	-0.57592	0.07554	0.12719	SDHAF2	chr11	+	61197514	61215001	2033
ENSG0000(	6617.433	7692.257	-0.21694	0.013516	0.027659	DDB1	chr11	-	61066923	61110068	4506
ENSG0000(	590.897	496.0787	0.25157	0.081852	0.13624	VPS37C	chr11	-	60897728	60929089	2865
ENSG0000(	20.96402	289.888	-3.7643	6.55E-42	1.21E-40	VWCE	chr11	-	61025762	61062896	3640
ENSG0000(	209.0576	226.8571	-0.11674	0.74504	0.81289	RAB3IL1	chr11	-	61664773	61687741	2284
ENSG0000(	15.6351	4.836358	1.6119	0.015525	0.031343	BEST1	chr11	+	61717293	61732987	5772
ENSG0000(	2083.242	2050.421	0.022816	0.90084	0.93145	FTH1	chr11	-	61727190	61735132	1229
ENSG0000(	22.324	15.27135	0.55305	0.28141	0.38241	BSCL2	chr11	-	62457747	62477317	2038
ENSG0000(	1121.06	841.7064	0.41326	0.013609	0.027828	POLR2G	chr11	+	62529016	62534182	1556
ENSG0000(	3021.343	5510.559	-0.86554	4.48E-10	2.12E-09	SLC3A2	chr11	+	62623518	62656352	2397
ENSG0000(	0	131.5891	-8.4937	9.57E-15	6.18E-14	HRASLS5	chr11	-	63228876	63258666	3032
ENSG0000(	1398.154	2442.592	-0.80391	4.72E-12	2.55E-11	C11orf84	chr11	+	63580860	63595190	2024
ENSG0000(	105.8531	104.3353	0.018993	0.95181	0.96991	ATG16L2	chr11	+	72525353	72554719	4577
ENSG0000(	972.7191	378.047	1.3608	1.62E-16	1.16E-15	C2CD3	chr11	-	73723763	73882255	7289
ENSG0000(	151.1329	394.7571	-1.3678	0.000792	0.001996	TRANK1	chr3	-	36868311	36986548	10481
ENSG0000(	42.70563	28.04943	0.59114	0.17925	0.2633	TTC21A	chr3	+	39149152	39180394	4258
ENSG0000(	11197.3	26078.72	-1.2184	2.83E-26	3.11E-25	RPSA	chr3	+	39448180	39454033	2058
ENSG0000(	0.685084	9.68158	-3.4104	0.002071	0.004887	ENTPD3	chr3	+	40428647	40470110	2819
ENSG0000(	7558.84	7256.107	0.058945	0.55474	0.65403	CTNNB1	chr3	+	41236328	41301587	3729
ENSG0000(	131.7111	153.6606	-0.22261	0.27202	0.37146	ULK4	chr3	-	41288090	42003922	4613
ENSG0000(	438.2817	308.3286	0.50445	0.004962	0.011056	FADD	chr11	+	70049269	70053496	1841
ENSG0000(	5509.771	375.5424	3.8618	2.33E-87	1.11E-85	LTBP3	chr11	-	65306276	65326401	4443
ENSG0000(	1.016461	31.10457	-4.5067	6.90E-06	2.26E-05	NAALADL1	chr11	-	64812290	64826021	2699
ENSG0000(	339.1747	408.708	-0.26796	0.21329	0.3039	SAC3D1	chr11	+	64808373	64812300	1566
ENSG0000(	0.290301	21.45126	-5.1337	1.62E-05	5.08E-05	BATF2	chr11	-	64755415	64764517	2569

ENSG0000(	1.431782	1.340997	0.050967	0.97132	0.98421	SLC22A11	chr11	+	64323098	64340347	3860
ENSG0000(	4055.666	5305.388	-0.38627	0.050366	0.089497	SF1	chr11	-	64532078	64546258	3470
ENSG0000(	673.8244	509.9274	0.40014	0.051191	0.090797	MAP4K2	chr11	-	64556290	64570713	3169
ENSG0000(	16.33811	295.1826	-4.1304	5.36E-32	7.37E-31	CCDC88B	chr11	+	64107695	64125006	5235
ENSG0000(	1656.207	743.7269	1.1511	6.09E-08	2.42E-07	SCARA3	chr8	+	27491385	27534293	3510
ENSG0000(	517.3981	165.6826	1.6421	1.81E-17	1.36E-16	PBK	chr8	-	27667137	27695612	2118
ENSG0000(	7.064778	2.786395	1.2548	0.19455	0.28221	SCARA5	chr8	-	27727399	27850244	4026
ENSG0000(	10.42598	1.058552	3.0612	0.002279	0.005343	PNOC	chr8	+	28174503	28200872	1310
ENSG0000(	2429.545	1925.434	0.33517	0.000184	0.000507	COPS6	chr7	+	99686577	99689823	1432
ENSG0000(	2209.557	2397.05	-0.1175	0.29677	0.39879	PAFAH1B2	chr11	+	1.17E+08	1.17E+08	4195
ENSG0000(	591.1277	370.1017	0.67487	1.67E-07	6.38E-07	ANKS3	chr16	-	4746513	4784379	3098
ENSG0000(	673.6064	739.5824	-0.13406	0.38458	0.4888	NUDT16L1	chr16	+	4743695	4745860	2040
ENSG0000(	197.0967	171.0691	0.20386	0.41758	0.52282	KIAA1586	chr6	+	56911347	56920023	2933
ENSG0000(	315.962	296.0725	0.091469	0.57156	0.6687	RAB4A	chr1	+	2.29E+08	2.29E+08	2966
ENSG0000(	1.431782	4.210775	-1.3823	0.26178	0.35994	OR1F1	chr16	+	3254247	3255188	942
ENSG0000(	0.342542	2.292733	-2.0751	0.16535	0.24634	OR2W6P	chr6	+	27905243	27906181	939
ENSG0000(	0	3.774517	-2.6958	0.1237	0.19381	OR2B2	chr6	-	27878963	27880174	1212
ENSG0000(	3.028845	101.9302	-4.918	2.65E-14	1.66E-13	KCNJ4	chr22	-	38822332	38851205	2065
ENSG0000(	3903.79	3571.547	0.12804	0.23921	0.33384	SETD5	chr3	+	9439299	9520924	6866
ENSG0000(	1783.744	186.2072	3.2554	1.64E-101	9.60E-100	VASN	chr16	+	4421849	4433529	2806
ENSG0000(	16.45278	43.17658	-1.3736	0.002831	0.006554	FAM83B	chr6	+	54711569	54806820	3167
ENSG0000(	1.701545	0.594029	1.0895	0.47458	0.57905	HIST3H3	chr1	-	2.29E+08	2.29E+08	481
ENSG0000(	55.29134	216.1953	-1.9507	2.01E-12	1.12E-11	THAP9	chr4	+	83821837	83841122	3808
ENSG0000(	2958.332	2798.193	0.08035	0.42318	0.52855	RNF187	chr1	+	2.29E+08	2.29E+08	3017
ENSG0000(	2645.31	1029.802	1.3577	6.41E-16	4.43E-15	HOOK3	chr8	+	42752075	42885682	14398
ENSG0000(	1573.487	1508.289	0.061239	0.67417	0.75593	MAPK1IP1I	chr14	+	55518349	55532931	2501
ENSG0000(	69.40973	303.9756	-2.1068	2.37E-08	9.73E-08	DDIT4	chr10	+	74033678	74035794	1748
ENSG0000(	2035.044	3068.793	-0.59192	4.37E-07	1.61E-06	RBPJ	chr4	+	26165077	26436541	5549
ENSG0000(	227.7529	192.2357	0.24281	0.16505	0.246	LMBRD1	chr6	-	70385694	70507003	2209
ENSG0000(	147.4464	173.2659	-0.23365	0.20512	0.29439	ZCCHC4	chr4	+	25314407	25372005	2785
ENSG0000(	0	2.185918	-2.5615	0.11691	0.18465	PTGDR	chr14	+	52734431	52743442	2942
ENSG0000(	236.7987	684.8027	-1.5304	6.22E-21	5.46E-20	TTC39C	chr18	+	21572737	21715574	4117
ENSG0000(	108.6679	75.99663	0.51756	0.10535	0.1687	GLYCTK	chr3	+	52321105	52329272	3622
ENSG0000(	0.653381	2.711133	-1.6744	0.21561	0.30666	HIST1H2BI	chr6	+	26273144	26273622	479
ENSG0000(	5.197138	972.885	-7.4436	1.48E-85	6.83E-84	GNG4	chr1	-	2.36E+08	2.36E+08	5104
ENSG0000(	1174.214	659.3315	0.83092	6.40E-14	3.91E-13	UBTD2	chr5	-	1.72E+08	1.72E+08	3301
ENSG0000(	106.1247	54.23641	0.97053	0.000205	0.000562	POLR2J3	chr7	-	1.02E+08	1.02E+08	2553
ENSG0000(	1230.693	856.2471	0.52303	1.05E-05	3.36E-05	NKIRAS2	chr17	+	40163400	40177659	4213
ENSG0000(	719.3043	874.5661	-0.28094	0.14863	0.22528	DNAJC7	chr17	-	40128451	40173394	2564
ENSG0000(	0.685084	0.640152	0.044759	0.97934	NA	C14orf183	chr14	-	50550369	50559361	975
ENSG0000(	5.84196	17.59248	-1.5505	0.027477	0.052539	KCNV2	chr9	+	2717502	2730037	2186
ENSG0000(	1417.357	669.751	1.0786	1.23E-10	6.02E-10	IRF2BP2	chr1	-	2.35E+08	2.35E+08	4663
ENSG0000(	0.290301	1.340997	-1.3722	0.39656	NA	PTF1A	chr10	+	23481256	23483181	1537
ENSG0000(	10562.8	6904.792	0.61279	2.41E-10	1.16E-09	NT5DC2	chr3	-	52558386	52569070	2047
ENSG0000(	127.8935	168.7218	-0.40225	0.042499	0.077272	SMIM4	chr3	+	52568029	52613253	1770
ENSG0000(	12.6884	19.12039	-0.58883	0.23606	0.33008	HIST1H2AE	chr6	+	26217165	26217711	547
ENSG0000(	110.6196	145.7144	-0.39858	0.054147	0.095341	COA6	chr1	+	2.35E+08	2.35E+08	1013
ENSG0000(	46.79739	1572.28	-5.0534	1.47E-189	2.82E-187	KIF5C	chr2	+	1.5E+08	1.5E+08	6931
ENSG0000(	7.644567	4.654281	0.65165	0.46599	0.57077	MGAT2	chr14	+	50087489	50090198	2710
ENSG0000(	271.9778	39.24347	2.7788	1.57E-31	2.12E-30	BMI1	chr10	+	22610140	22620413	3428
ENSG0000(	551.7592	871.7496	-0.65871	5.42E-08	2.16E-07	THAP11	chr16	+	67876213	67878097	1885
ENSG0000(	1086.192	1113.828	-0.03568	0.80458	0.86187	MMADHC	chr2	-	1.5E+08	1.5E+08	1726
ENSG0000(	1230.791	1898.683	-0.62451	2.90E-09	1.28E-08	PDHB	chr3	-	58413357	58419584	4459
ENSG0000(	827.0416	159.9079	2.3612	2.03E-37	3.33E-36	PXK	chr3	+	58318607	58411748	2823
ENSG0000(	9.191995	18.58389	-0.99239	0.10344	0.16608	HIST1H1E	chr6	+	26156559	26157343	785
ENSG0000(	329.4344	232.3179	0.50189	0.038662	0.071217	PCMTD1	chr8	-	52730140	52811735	4252
ENSG0000(	98.80789	136.4276	-0.46152	0.028257	0.053832	KCTD6	chr3	+	58477841	58488087	2425
ENSG0000(	369.3499	635.4421	-0.78137	7.11E-05	0.000206	MPLKIP	chr7	-	40172342	40174258	948
ENSG0000(	35.43612	11.13751	1.6339	0.000321	0.000855	ACOX2	chr3	-	58490863	58523046	2426
ENSG0000(	1.338465	31.28497	-4.2159	4.89E-06	1.63E-05	FAM107A	chr3	-	58549844	58613337	3465
ENSG0000(	267.8674	128.6126	1.0479	0.001438	0.003483	IRF2	chr4	-	1.85E+08	1.85E+08	2303
ENSG0000(	0	1.326428	-1.6486	0.3523	NA	MOBP	chr3	+	39508689	39570970	5675
ENSG0000(	3.963155	0.297015	2.843	0.040472	0.074115	CX3CR1	chr3	-	39304985	39323226	3255
ENSG0000(	3.547834	0.357707	2.6654	0.059075	0.10305	XIRP1	chr3	-	39224701	39234087	6460
ENSG0000(	3.092251	0.343138	2.4146	0.10191	0.16396	INSM2	chr14	+	36003248	36006260	3013

ENSG0000(	0.923144	5.809111	-2.2478	0.060802	0.1056	DEGS2	chr14	-	1.01E+08	1.01E+08	1890
ENSG0000(	0.580602	5.704711	-2.7158	0.027131	0.051939	SCN11A	chr3	-	38887260	38992052	6500
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-158I	chr16	-	86365450	86383289	2678
ENSG0000(	5174.702	1760.586	1.5521	2.05E-20	1.76E-19	ARF4	chr3	-	57557090	57583947	1660
ENSG0000(	9069.46	5587.616	0.69834	4.65E-13	2.70E-12	2-Sep	chr2	+	2.42E+08	2.42E+08	3701
ENSG0000(	1012.618	26.59745	5.2235	7.22E-119	5.52E-117	FILIP1L	chr3	-	99548985	99833357	4219
ENSG0000(	223.2488	172.167	0.37182	0.02723	0.052115	MFSD2A	chr1	+	40420802	40435638	2432
ENSG0000(	1107.877	1259.005	-0.18408	0.20918	0.29918	DTYMK	chr2	-	2.43E+08	2.43E+08	1232
ENSG0000(	257.0673	241.7757	0.086255	0.76705	0.83155	TAP1	chr6	-	32812986	32821755	2959
ENSG0000(	388.9891	825.6065	-1.0813	2.54E-06	8.72E-06	ING5	chr2	+	2.43E+08	2.43E+08	5196
ENSG0000(	1347.013	1417.214	-0.07365	0.55002	0.64978	ATG4B	chr2	+	2.43E+08	2.43E+08	3294
ENSG0000(	29.78438	3.650716	2.9292	4.02E-06	1.35E-05	BDKRB2	chr14	+	96671016	96710666	6845
ENSG0000(	4.823707	17.713	-1.8206	0.011444	0.023754	MLKL	chr16	-	74705753	74734858	3882
ENSG0000(	24.66002	2.353426	3.2656	2.63E-06	9.02E-06	CMAHP	chr6	-	25081548	25166793	2264
ENSG0000(	1386.645	2696.088	-0.95785	1.03E-14	6.61E-14	RFWD3	chr16	-	74655292	74700779	4957
ENSG0000(	0.705622	12.33773	-3.7585	0.000407	0.001068	MTNR1A	chr4	-	1.87E+08	1.87E+08	1289
ENSG0000(	0.290301	0	0.4146	0.81455	NA	KCNG4	chr16	-	84255823	84273356	2199
ENSG0000(	0.653381	31.76803	-5.1257	4.56E-08	1.83E-07	RHOH	chr4	+	40192673	40246281	1999
ENSG0000(	14.63657	0	5.5027	4.71E-06	1.57E-05	KLHL30	chr2	+	2.39E+08	2.39E+08	3726
ENSG0000(	629.3849	304.0924	1.0486	2.17E-15	1.45E-14	COG7	chr16	-	23399814	23464501	2926
ENSG0000(	324.0161	374.6589	-0.21134	0.13725	0.21062	CDC40	chr6	+	1.11E+08	1.11E+08	3927
ENSG0000(	4749.333	6898.893	-0.53834	2.00E-10	9.72E-10	STIP1	chr11	+	63952744	63972015	2743
ENSG0000(	0.290301	125.3986	-7.6362	1.29E-14	8.27E-14	SCNN1B	chr16	+	23289552	23392620	2597
ENSG0000(	13.71342	20.34974	-0.55674	0.26808	0.3669	HR	chr8	-	21971928	21990897	6336
ENSG0000(	4.273994	2.171348	0.84528	0.43626	0.54174	TXNDC2	chr18	+	9885763	9889272	1873
ENSG0000(	3534.385	1427.167	1.3074	6.31E-48	1.37E-46	RAB31	chr18	+	9708162	9862548	4055
ENSG0000(	920.2002	822.3413	0.16166	0.17771	0.26142	REEP4	chr8	-	21995533	21999464	1710
ENSG0000(	12.33388	215.7732	-4.0527	9.97E-19	7.88E-18	TNXB	chr6	-	32008931	32083111	13132
ENSG0000(	0.653381	10.30233	-3.4978	0.001789	0.004265	LGI3	chr8	-	22004338	22014597	4420
ENSG0000(	0.290301	0	0.4146	0.81455	NA	SFTPC	chr8	+	22014426	22021992	1046
ENSG0000(	2659.241	226.992	3.5415	1.60E-117	1.19E-115	BMP1	chr8	+	22022249	22069839	4333
ENSG0000(	3870.594	3582.747	0.11121	0.28888	0.39048	ATXN2L	chr16	+	28834356	28848558	4574
ENSG0000(	8.608787	168.3902	-4.1941	9.46E-20	7.88E-19	PHYHIP	chr8	-	22077222	22089854	3200
ENSG0000(	17.35376	4.539343	1.86	0.004666	0.010439	CCDC110	chr4	-	1.86E+08	1.86E+08	2898
ENSG0000(	1306.61	985.0635	0.40639	0.008737	0.018574	POLR3D	chr8	+	22102617	22109485	2866
ENSG0000(	1001.686	1698.84	-0.75965	5.21E-05	0.000154	FEN1	chr11	+	61560109	61564716	2296
ENSG0000(	16.4725	0.343138	4.8284	3.03E-05	9.18E-05	SDPR	chr2	-	1.93E+08	1.93E+08	3229
ENSG0000(	1547.508	1991.728	-0.36337	0.047882	0.085693	SOGA2	chr18	+	8705659	8832776	6093
ENSG0000(	10.83013	943.0889	-6.394	1.59E-97	8.83E-96	GBX2	chr2	-	2.37E+08	2.37E+08	2123
ENSG0000(	0.36308	13.79124	-4.5179	0.000205	0.000562	HFE2	chr1	+	1.45E+08	1.45E+08	2128
ENSG0000(	36.99985	32.89781	0.17493	0.63438	0.72301	HEXIM2	chr17	+	43238067	43247407	1528
ENSG0000(	406.174	431.796	-0.08767	0.66817	0.75085	FNTA	chr8	+	42889337	42940931	7327
ENSG0000(	1059.239	741.7594	0.51252	0.000161	0.000446	SERINC2	chr1	+	31882412	31907525	2807
ENSG0000(	728.9	672.2117	0.11652	0.50445	0.60786	TRAPPC11	chr4	+	1.85E+08	1.85E+08	4552
ENSG0000(	0	9.10212	-4.7911	0.00018	0.000497	CHRM1	chr11	-	62676151	62689279	2964
ENSG0000(	92802.36	70.12723	8.1779	3.37E-09	1.48E-08	COL3A1	chr2	+	1.9E+08	1.9E+08	5543
ENSG0000(	0	123.2369	-8.4339	6.92E-15	4.51E-14	GFRA2	chr8	-	21547915	21669869	4921
ENSG0000(	251.4404	240.7991	0.061868	0.69181	0.77025	ING2	chr4	+	1.84E+08	1.84E+08	1189
ENSG0000(	224.0297	332.0378	-0.56464	0.005279	0.011708	CDKN2AIP	chr4	+	1.84E+08	1.84E+08	2721
ENSG0000(	302.1297	458.8305	-0.6026	3.03E-05	9.19E-05	SNRNP48	chr6	+	7590432	7612200	4173
ENSG0000(	261.7575	366.4105	-0.4831	0.000702	0.001782	TMEM223	chr11	-	62539101	62559493	1288
ENSG0000(	946.9432	631.1107	0.58503	0.000203	0.000557	SLC20A2	chr8	-	42273993	42397069	3657
ENSG0000(	0.580602	0	0.8036	0.6494	NA	DYNLRB2	chr16	+	80574631	80584657	971
ENSG0000(	614.2851	377.6288	0.70152	1.27E-07	4.92E-07	TMUB2	chr17	+	42264338	42269099	2418
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	ADAM29	chr4	+	1.76E+08	1.76E+08	3325
ENSG0000(	2865.251	1947.21	0.55671	1.29E-07	4.98E-07	STAT3	chr17	-	40465342	40540586	5047
ENSG0000(	177.2846	249.1203	-0.48862	0.006069	0.0133	ZSWIM1	chr20	+	44509866	44513905	2769
ENSG0000(	434.823	58.42697	2.8847	8.28E-42	1.52E-40	NBPF9	chr1	+	1.45E+08	1.45E+08	3680
ENSG0000(	3356.108	368.6954	3.1768	2.25E-59	6.44E-58	ADAM9	chr8	+	38854388	38962663	3839
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	ADAM18	chr8	+	39442008	39587583	2388
ENSG0000(	80.42927	9.476069	3.0037	9.91E-12	5.26E-11	GDNF	chr5	-	37812779	37839788	3810
ENSG0000(	0	6.191924	-4.2168	0.001828	0.004351	DPCR1	chr6	+	30908749	30921998	5314
ENSG0000(	0	1.280305	-1.6305	0.35731	NA	WFDC13	chr20	+	44330655	44337456	1372
ENSG0000(	320.491	503.7224	-0.64852	0.01731	0.034636	AXIN2	chr17	-	63524681	63557765	4259
ENSG0000(	2224.934	3015.531	-0.43786	0.000795	0.002003	NDUFS5	chr1	+	39491990	39500308	548

ENSG0000(	45.12559	70.43533	-0.64224	0.02491	0.04811	ZNF30	chr19	+	35417807	35436074	2651
ENSG0000(	13.64325	246.3879	-4.1522	3.58E-40	6.32E-39	UGT3A2	chr5	-	36035119	36071460	2355
ENSG0000(	63.38896	908.9266	-3.8387	6.52E-105	4.04E-103	FAM84B	chr8	-	1.28E+08	1.28E+08	5404
ENSG0000(	933.3549	47.58734	4.277	4.05E-129	3.61E-127	LDLRAD4	chr18	+	13217497	13652754	8686
ENSG0000(	0.705622	9.098961	-3.0959	0.018585	0.03696	KCTD19	chr16	-	67323331	67360666	4913
ENSG0000(	121.9677	25.02745	2.2674	8.34E-16	5.72E-15	SLC16A4	chr1	-	1.11E+08	1.11E+08	2632
ENSG0000(	216.6791	0.343138	8.3656	4.67E-18	3.59E-17	IL7R	chr5	+	35852797	35879705	4626
ENSG0000(	415.5745	390.5504	0.091368	0.63834	0.72627	TMEM208	chr16	+	67261006	67263181	1525
ENSG0000(	22.3324	1.280305	3.8256	8.77E-06	2.84E-05	LRP1B	chr2	-	1.41E+08	1.43E+08	16535
ENSG0000(	2772.461	2652.573	0.063444	0.5626	0.66087	AHCYL1	chr1	+	1.11E+08	1.11E+08	4015
ENSG0000(	1021.502	935.1777	0.12757	0.32509	0.42801	DNAJC21	chr5	+	34929698	34959069	6208
ENSG0000(	998.5099	412.5629	1.2732	2.65E-23	2.60E-22	PKIG	chr20	+	43160426	43252888	1489
ENSG0000(	0.923144	17.05103	-3.8008	5.64E-05	0.000165	NPNT	chr4	+	1.07E+08	1.07E+08	4598
ENSG0000(	1.866827	29.97392	-3.7517	1.30E-06	4.60E-06	CA7	chr16	+	66878282	66888056	1713
ENSG0000(	2.531373	5.848787	-1.0846	0.28718	0.38884	FAM178B	chr2	-	97541620	97684175	2877
ENSG0000(	1748.238	2655.968	-0.60233	2.74E-06	9.37E-06	SEMA4C	chr2	-	97525453	97536494	3776
ENSG0000(	253.6713	856.2181	-1.7507	1.43E-26	1.60E-25	CNNM3	chr2	+	97481982	97499648	3447
ENSG0000(	356.4077	173.283	1.0374	9.40E-09	4.00E-08	GSTM4	chr1	+	1.1E+08	1.1E+08	3990
ENSG0000(	529.0292	17.58107	4.9081	2.27E-79	9.44E-78	TET2	chr4	+	1.06E+08	1.06E+08	10166
ENSG0000(	96.10023	14.40542	2.7251	1.90E-15	1.28E-14	CXXC4	chr4	-	1.05E+08	1.05E+08	5565
ENSG0000(	281.3121	113.5772	1.3075	5.77E-14	3.53E-13	TCTN2	chr12	+	1.24E+08	1.24E+08	2918
ENSG0000(	134.8512	27.93362	2.252	9.55E-17	6.88E-16	SHOX2	chr3	-	1.58E+08	1.58E+08	4078
ENSG0000(	154.2542	188.9272	-0.29142	0.16251	0.24291	PPIP5K1	chr15	-	43825660	43882430	5697
ENSG0000(	1467.265	552.9465	1.4068	2.14E-35	3.30E-34	TSPAN5	chr4	-	99391518	99579780	4062
ENSG0000(	154.6039	57.09833	1.4172	0.000167	0.000462	ABHD15	chr17	-	27887565	27894155	3592
ENSG0000(	350.0198	334.3304	0.066238	0.78308	0.84458	ZBTB5	chr9	-	37438111	37465396	4627
ENSG0000(	198.7658	274.4658	-0.4641	0.005544	0.012233	CHTF8	chr16	-	69151913	69166487	2903
ENSG0000(	96.2012	147.9446	-0.61965	0.008376	0.017843	ADAL	chr15	+	43622872	43646096	3593
ENSG0000(	200.0088	290.2008	-0.53076	0.14033	0.21424	LCMT2	chr15	-	43619974	43622803	2830
ENSG0000(	1390.823	544.2685	1.3475	1.46E-09	6.64E-09	SNTB2	chr16	+	69221032	69342955	9789
ENSG0000(	4.979616	4.144377	0.26102	0.77674	0.83956	IL12A	chr3	+	1.6E+08	1.6E+08	1909
ENSG0000(	511.272	614.1565	-0.26306	0.17458	0.25769	ZNF507	chr19	+	32836500	32878571	7636
ENSG0000(	618.1865	379.6031	0.70208	0.000644	0.001644	STX18	chr4	-	4417469	4544073	3497
ENSG0000(	21.50534	966.4679	-5.4566	1.24E-126	1.08E-124	NSG1	chr4	+	4349867	4420785	4172
ENSG0000(	67.91201	85.61591	-0.33352	0.33045	0.43362	ZBTB49	chr4	+	4291924	4323513	2889
ENSG0000(	555.8743	690.3341	-0.31189	0.049757	0.088596	GFM1	chr3	+	1.58E+08	1.58E+08	3721
ENSG0000(	0.290301	2.82607	-2.348	0.11624	0.1838	OR13J1	chr9	-	35869375	35870461	1087
ENSG0000(	0	3.10281	-2.7506	0.10408	0.16689	HTR1E	chr6	+	87647024	87726401	2039
ENSG0000(	512.4342	5.393128	6.5187	7.06E-66	2.36E-64	FSTL5	chr4	-	1.62E+08	1.63E+08	4831
ENSG0000(	4.148974	2.292733	0.78994	0.42714	0.53254	TPTE2P5	chr13	-	41396432	41495890	746
ENSG0000(	825.3781	874.6457	-0.0833	0.6661	0.74914	DDX19A	chr16	+	70380732	70407286	5007
ENSG0000(	44.99119	27.70783	0.68335	0.065237	0.1122	ATOH8	chr2	+	85978467	86015189	3099
ENSG0000(	0	37.61836	-6.8089	1.97E-09	8.84E-09	SOX14	chr3	+	1.37E+08	1.37E+08	818
ENSG0000(	78.83025	106.2424	-0.42806	0.14177	0.21622	ANKRD49	chr11	+	94226795	94232749	3002
ENSG0000(	1.359003	7.221338	-2.2333	0.023276	0.045269	SFTPB	chr2	-	85884437	85895864	3664
ENSG0000(	1211.276	1935.951	-0.67575	1.78E-11	9.26E-11	USP39	chr2	+	85829979	85876403	2177
ENSG0000(	787.1847	939.2267	-0.25468	0.017559	0.035095	TNIP2	chr4	-	2743375	2758103	2006
ENSG0000(	580.8616	892.9346	-0.6206	9.71E-06	3.12E-05	C2orf68	chr2	-	85833777	85839189	2837
ENSG0000(	185.961	272.7117	-0.55028	0.012041	0.024885	TMEM150A	chr2	-	85825671	85830319	2323
ENSG0000(	679.4271	653.8988	0.056213	0.7318	0.80191	RNF181	chr2	+	85822848	85824736	844
ENSG0000(	39.88575	57.43402	-0.51979	0.076964	0.12925	VAMP5	chr2	+	85811531	85820535	689
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	BTNL3	chr5	+	1.8E+08	1.8E+08	2440
ENSG0000(	366.9243	124.2283	1.5597	1.05E-19	8.73E-19	LRRC28	chr15	+	99791567	99930934	5971
ENSG0000(	2637.261	3827.851	-0.52541	0.32005	0.42289	MAT2A	chr2	+	85766288	85772403	2819
ENSG0000(	1.338465	163.6608	-6.6469	6.19E-21	5.43E-20	ENHO	chr9	-	34521038	34523039	1082
ENSG0000(	379.8746	465.811	-0.29273	0.049807	0.088665	ZNF608	chr5	-	1.24E+08	1.24E+08	5958
ENSG0000(	102.9519	15.90506	2.6753	2.86E-17	2.12E-16	SLC35G2	chr3	+	1.37E+08	1.37E+08	2837
ENSG0000(	61.38334	425.4934	-2.7595	2.59E-12	1.43E-11	INPP5D	chr2	+	2.34E+08	2.34E+08	4728
ENSG0000(	1641.712	1439.873	0.18843	0.11602	0.18352	LETM1	chr4	-	1813206	1857974	5462
ENSG0000(	1.939605	0	2.4257	0.13778	0.21116	CTRB1	chr16	+	75252898	75258822	858
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CTRB2	chr16	-	75237994	75241083	2248
ENSG0000(	868.1298	1324.571	-0.60821	2.54E-05	7.77E-05	TMEM129	chr4	-	1717679	1723085	2810
ENSG0000(	427.8928	65.67181	2.6999	5.59E-49	1.24E-47	PPIC	chr5	-	1.22E+08	1.22E+08	1380
ENSG0000(	99.36281	107.8417	-0.11737	0.66287	0.74633	SPRY3	chrX	+	1.55E+08	1.55E+08	9019
ENSG0000(	383.1455	233.3164	0.71549	3.38E-06	1.15E-05	CEP120	chr5	-	1.23E+08	1.23E+08	4900

ENSG0000(	142.6432	61.22955	1.2203	4.48E-07	1.65E-06	STXBP6	chr14	-	25278862	25519503	4132
ENSG0000(	0.36308	0	0.4146	0.81455	NA	TM4SF20	chr2	-	2.28E+08	2.28E+08	2296
ENSG0000(	776.9798	824.9461	-0.08633	0.41517	0.52025	MFF	chr2	+	2.28E+08	2.28E+08	3524
ENSG0000(	6.224764	4.273883	0.51195	0.52745	0.62915	GRM5	chr11	-	88237744	88799113	8023
ENSG0000(	27.253	25.80926	0.069812	0.8749	0.91309	LGALS9	chr17	+	25956824	25976586	3114
ENSG0000(	48.62216	75.96064	-0.63965	0.10361	0.16626	JMJD7-PLA	chr15	+	42120283	42140353	7227
ENSG0000(	3.051175	43.88238	-3.7447	3.67E-09	1.61E-08	CPLX1	chr4	-	778745	819986	2181
ENSG0000(	850.6717	35.38329	4.5447	5.84E-61	1.73E-59	PXDC1	chr6	-	3722848	3752260	2190
ENSG0000(	0.632843	0	0.81931	0.64303	NA	SIGLEC7	chr19	+	51645556	51656783	1754
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	NTSR2	chr2	-	11798304	11810290	1569
ENSG0000(	281.8055	233.4614	0.269	0.11744	0.18538	E2F6	chr2	-	11584501	11606297	3296
ENSG0000(	992.5805	1285.736	-0.37379	0.00151	0.003643	FEM1B	chr15	+	68570141	68588203	7122
ENSG0000(	189.1415	59.77932	1.6597	5.99E-15	3.92E-14	COMMD8	chr4	-	47452885	47465736	1397
ENSG0000(	15.77805	32.45752	-1.0222	0.026913	0.05157	ATP5I	chr4	-	666225	668127	496
ENSG0000(	986.7086	1661.359	-0.75013	6.92E-11	3.47E-10	UQCRFS1	chr19	-	29698173	29704448	1530
ENSG0000(	11.23608	64.3584	-2.4841	2.19E-08	9.02E-08	MFSD7	chr4	-	675618	683230	2123
ENSG0000(	4.305697	14.81495	-1.7235	0.009703	0.020447	COL4A3	chr2	+	2.28E+08	2.28E+08	8097
ENSG0000(	1188.167	1340.58	-0.17381	0.28668	0.38827	MAP2K1	chr15	+	66679155	66784650	3410
ENSG0000(	0	13.14539	-5.341	1.23E-05	3.89E-05	KLK7	chr19	-	51479729	51487355	1975
ENSG0000(	5575.319	7474.443	-0.42188	0.014528	0.029512	HNRNPH1	chr5	-	1.79E+08	1.79E+08	5564
ENSG0000(	1079.752	1104.329	-0.03235	0.87971	0.91625	IRS1	chr2	-	2.28E+08	2.28E+08	5981
ENSG0000(	1327.776	755.2414	0.8121	3.89E-09	1.71E-08	MECP2	chrX	-	1.53E+08	1.53E+08	10505
ENSG0000(	0	9.361132	-4.8357	0.000155	0.000432	VCX3A	chrX	-	6451659	6453159	995
ENSG0000(	705.3702	1218.719	-0.78795	1.12E-13	6.75E-13	UPF3A	chr13	+	1.15E+08	1.15E+08	2378
ENSG0000(	2.096328	6.671016	-1.5429	0.13509	0.20805	ZBBX	chr3	-	1.67E+08	1.67E+08	3250
ENSG0000(	0.995923	0	1.4959	0.39264	NA	ACTBL2	chr5	-	56775846	56778636	2791
ENSG0000(	651.3299	619.5357	0.073143	0.60417	0.69752	ROR2	chr9	-	94325373	94712444	4360
ENSG0000(	0.705622	1.370136	-0.71417	0.6513	0.73678	BRD7P3	chr6	+	1.19E+08	1.19E+08	1477
ENSG0000(	398.5312	629.2933	-0.6587	1.91E-05	5.95E-05	AR	chrX	+	66764465	66950461	10065
ENSG0000(	326.2534	242.0629	0.43238	0.027409	0.052425	DHRSX	chrX	-	2137557	2420846	2571
ENSG0000(	2.914991	0.654722	1.7883	0.17637	0.25981	C8orf46	chr8	+	67372238	67430759	3513
ENSG0000(	92.31515	94.20362	-0.03048	0.91011	0.93826	HSPBAP1	chr3	-	1.22E+08	1.23E+08	2986
ENSG0000(	1064.35	1782.411	-0.74062	0.002181	0.00513	ASMTL	chrX	-	1522032	1572655	2048
ENSG0000(	13864.76	19331.6	-0.47907	1.36E-05	4.31E-05	SLC25A6	chrX	-	1505045	1511617	2062
ENSG0000(	934.1085	503.4383	0.88892	9.76E-10	4.51E-09	CHST14	chr15	+	40763160	40765353	2194
ENSG0000(	3.568372	201.5805	-5.6912	5.30E-32	7.29E-31	PARM1	chr4	+	75858305	75975325	5011
ENSG0000(	565.0124	183.7328	1.6119	2.39E-10	1.16E-09	CSNK1G1	chr15	-	64457716	64648442	8107
ENSG0000(	126.2734	94.77422	0.40831	0.13359	0.2063	FAM110B	chr8	+	58907068	59116838	3438
ENSG0000(	1149.701	140.1609	3.0302	7.70E-112	5.27E-110	ARMC4	chr10	-	28064115	28287977	3572
ENSG0000(	125.7405	74.2941	0.75178	0.001495	0.00361	AFAP1L2	chr10	-	1.16E+08	1.16E+08	3964
ENSG0000(	181.491	248.2585	-0.45145	0.018037	0.03595	ZNF354A	chr5	-	1.78E+08	1.78E+08	2484
ENSG0000(	342.4972	224.2356	0.60941	0.02366	0.045928	ATF5	chr19	+	50431959	50437192	2069
ENSG0000(	777.8673	906.8816	-0.22	0.14855	0.22518	UBE2V2	chr8	+	48920960	48977268	4373
ENSG0000(	252.3345	298.6937	-0.24352	0.097362	0.1579	ZBTB43	chr9	+	1.3E+08	1.3E+08	5965
ENSG0000(	533.457	554.6784	-0.05649	0.80465	0.8619	CPT1C	chr19	+	50194155	50216988	2950
ENSG0000(	2780.399	3824.399	-0.45928	1.95E-05	6.04E-05	PCSK9	chr1	+	55505221	55530525	3891
ENSG0000(	2330.026	2408.51	-0.04778	0.61597	0.70752	XPO6	chr16	-	28109300	28223241	4422
ENSG0000(	10.63315	3.097978	1.6674	0.071545	0.12135	GSG1L	chr16	-	27798850	28074830	4976
ENSG0000(	945.6198	1530.571	-0.69269	0.000155	0.000431	MN1	chr22	-	28144265	28197486	7556
ENSG0000(	587.7006	567.0011	0.052862	0.67873	0.75949	APEX2	chrX	+	55026790	55035490	3245
ENSG0000(	259.9703	371.314	-0.51397	0.000178	0.000491	NSMCE1	chr16	-	27236312	27280115	1853
ENSG0000(	53.7858	29.70758	0.84952	0.008962	0.019005	CCDC126	chr7	+	23636998	23684327	2473
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	IL13	chr5	+	1.32E+08	1.32E+08	1562
ENSG0000(	18.02849	17.84492	0.015242	0.97681	0.98684	61E3.4	chr16	-	29495010	29517320	2676
ENSG0000(	1853.63	2127.187	-0.1986	0.10003	0.1615	RAB3B	chr1	-	52373628	52456436	12844
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	OR6F1	chr1	-	2.48E+08	2.48E+08	1061
ENSG0000(	1676.677	1572.278	0.09285	0.52344	0.62586	CD2BP2	chr16	-	30362087	30366682	3421
ENSG0000(	0	4.723837	-3.7766	0.008022	0.017139	RSPO1	chr1	-	38076951	38100595	2985
ENSG0000(	365.6381	1464.745	-1.9845	2.18E-09	9.78E-09	RGS14	chr5	+	1.77E+08	1.77E+08	2415
ENSG0000(	1812.908	1141.796	0.66649	1.17E-10	5.75E-10	TBC1D10B	chr16	-	30368423	30381585	4614
ENSG0000(	2674.718	3488.266	-0.38301	4.05E-05	0.000121	LMAN2	chr5	-	1.77E+08	1.77E+08	1800
ENSG0000(	0.290301	0	0.4146	0.81455	NA	GCSAML	chr1	+	2.48E+08	2.48E+08	4130
ENSG0000(	54.28148	76.17185	-0.48471	0.2629	0.36108	RAB24	chr5	-	1.77E+08	1.77E+08	1820
ENSG0000(	1452.208	2503.248	-0.78435	7.79E-09	3.34E-08	PRELID1	chr5	+	1.77E+08	1.77E+08	1261
ENSG0000(	194.5947	109.6155	0.82437	0.002672	0.006209	THBS3	chr1	-	1.55E+08	1.55E+08	4208

ENSG0000(	102.2736	75.56957	0.43328	0.086429	0.1428	CA5B	chrX	+	15706953	15805747	6050
ENSG0000(	347.4969	240.0034	0.5349	0.000942	0.002348	SLC50A1	chr1	+	1.55E+08	1.55E+08	1300
ENSG0000(	8.930791	82.37649	-3.1255	2.72E-11	1.40E-10	EFNA1	chr1	+	1.55E+08	1.55E+08	1926
ENSG0000(	0.290301	0.654722	-0.51764	0.76892	NA	CXCL10	chr4	-	76942273	76944650	1173
ENSG0000(	94.50659	110.2379	-0.21858	0.40541	0.51025	NPIPL3	chr16	-	21413558	21459888	3501
ENSG0000(	54.52752	1.043983	5.443	7.45E-12	3.98E-11	SH3TC2	chr5	-	1.48E+08	1.48E+08	7324
ENSG0000(	0.36308	1.280305	-1.2352	0.46421	NA	CXCL11	chr4	-	76954835	76962568	1606
ENSG0000(	180.8789	170.2344	0.086729	0.61562	0.70724	ZRSR2	chrX	+	15808595	15841383	1491
ENSG0000(	658.9847	525.806	0.32652	0.070414	0.11977	NMD3	chr3	+	1.61E+08	1.61E+08	3061
ENSG0000(	4.273994	3.6483	0.21553	0.80793	0.86444	ADRB2	chr5	+	1.48E+08	1.48E+08	2041
ENSG0000(	190.3688	41.4835	2.1803	6.18E-10	2.90E-09	B3GALNT1	chr3	-	1.61E+08	1.61E+08	3606
ENSG0000(	391.8185	313.9933	0.31794	0.043919	0.079468	GPRIN1	chr5	-	1.76E+08	1.76E+08	4211
ENSG0000(	263.7462	84.67874	1.6321	1.72E-09	7.78E-09	KCNAB1	chr3	+	1.56E+08	1.56E+08	4086
ENSG0000(	337.2706	230.6384	0.54419	0.12391	0.19396	MRPL1	chr4	+	78783674	78873944	1490
ENSG0000(	0	7.022276	-4.3773	0.001176	0.002887	SHE	chr1	-	1.54E+08	1.54E+08	6855
ENSG0000(	8.414408	1.888903	1.9543	0.03595	0.066764	NR0B1	chrX	-	30322323	30327715	2021
ENSG0000(	461.8492	496.0809	-0.10204	0.48271	0.58695	PGM2	chr4	+	37828255	37864558	3264
ENSG0000(	0.653381	18.83882	-4.3325	3.93E-05	0.000118	STK32A	chr5	+	1.47E+08	1.47E+08	5393
ENSG0000(	1.576526	0.654722	0.99964	0.49628	0.60008	IL1RAPL1	chrX	+	28605516	29974840	3667
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	P2RY12	chr3	-	1.51E+08	1.51E+08	1766
ENSG0000(	8.434946	29.05045	-1.7653	0.000458	0.001197	C22orf15	chr22	+	24105208	24108048	2021
ENSG0000(	173.694	18.14925	3.2337	1.74E-28	2.09E-27	KIAA1024	chr15	+	79724858	79764632	6732
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	UMOD	chr16	-	20344374	20367623	2408
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	GP2	chr16	-	20320894	20339130	3406
ENSG0000(	607.5833	325.8173	0.89704	8.89E-10	4.12E-09	SLC33A1	chr3	-	1.56E+08	1.56E+08	3725
ENSG0000(	114.4954	133.5683	-0.21877	0.32393	0.42694	SNUPN	chr15	-	75890424	75918810	1931
ENSG0000(	84.02853	107.8814	-0.35529	0.18609	0.27178	CRADD	chr12	+	94071151	94288616	1470
ENSG0000(	1191.135	1790.299	-0.58739	1.85E-09	8.35E-09	SIN3A	chr15	-	75661720	75748183	6737
ENSG0000(	299.1165	112.1067	1.4155	6.68E-16	4.60E-15	ARL13B	chr3	+	93698983	93774512	3906
ENSG0000(	1.016461	1.340997	-0.32508	0.82218	0.87482	RNASE2	chr14	+	21423611	21424595	755
ENSG0000(	3007.62	2363.513	0.347	0.010603	0.022164	PTK2	chr8	-	1.42E+08	1.42E+08	4955
ENSG0000(	1.774324	0.951736	0.65979	0.65895	0.74291	RSPH10B2	chr7	+	6793740	6838996	3220
ENSG0000(	5.488253	39.33418	-2.8113	1.82E-07	6.95E-07	PTAFR	chr1	-	28473677	28520447	4491
ENSG0000(	1230.59	1186.354	0.052604	0.74526	0.81305	PTPN9	chr15	-	75759462	75871630	3943
ENSG0000(	1.649304	0.343138	1.6347	0.29819	0.40002	RNASE6	chr14	+	21249210	21250626	1061
ENSG0000(	2.044087	296.5015	-7.0252	1.41E-34	2.11E-33	NPR1	chr1	+	1.54E+08	1.54E+08	4236
ENSG0000(	5.382958	3.2299	0.68675	0.45356	0.55902	KCNK9	chr8	-	1.41E+08	1.41E+08	3276
ENSG0000(	3.983692	0	3.5462	0.014052	0.028626	IL8	chr4	+	74606223	74609433	1705
ENSG0000(	42.6004	99.89498	-1.2162	0.002604	0.00606	SCN9A	chr2	-	1.67E+08	1.67E+08	9787
ENSG0000(	0	3.2299	-3.2154	0.032806	0.061439	RASSF6	chr4	-	74437267	74486348	5994
ENSG0000(	11187.02	99.80548	6.7956	0	0	COL22A1	chr8	-	1.4E+08	1.4E+08	6346
ENSG0000(	1417.114	1082.412	0.3883	0.000271	0.000729	SDC2	chr8	+	97505579	97624000	3751
ENSG0000(	0	1.309443	-1.6539	0.35008	NA	CD52	chr1	+	26644448	26647014	581
ENSG0000(	466.2782	367.2666	0.3442	0.022616	0.044103	MMGT1	chrX	-	1.35E+08	1.35E+08	3738
ENSG0000(	598.6169	571.1903	0.068072	0.73615	0.80534	TM2D2	chr8	-	38846327	38854343	3435
ENSG0000(	0.290301	4.112823	-2.8658	0.041276	0.075344	HTRA4	chr8	+	38831683	38846181	2095
ENSG0000(	270.5627	133.9067	1.0125	2.49E-06	8.58E-06	PLEKHA2	chr8	+	38758753	38831428	5638
ENSG0000(	9129.64	5929.914	0.62218	6.75E-13	3.88E-12	CLIC4	chr1	+	25071848	25170815	4346
ENSG0000(	3.257533	2.010288	0.63717	0.55523	0.65442	GPR183	chr13	-	99946784	99959659	1700
ENSG0000(	2349.123	1409.811	0.7353	2.74E-08	1.12E-07	CCDC8	chr19	-	46913629	46916841	3213
ENSG0000(	218.9447	232.4158	-0.08699	0.67929	0.75991	METTL15	chr11	+	28129795	28355054	4416
ENSG0000(	0	1.623443	-1.9406	0.26756	NA	ZNF280A	chr22	-	22868060	22874613	2148
ENSG0000(	0	1.280305	-1.6305	0.35731	NA	MUC15	chr11	-	26580580	26593780	3252
ENSG0000(	0.685084	0	0.85004	0.63064	NA	CXorf48	chrX	-	1.34E+08	1.34E+08	1728
ENSG0000(	356.1314	5.50236	5.9851	2.74E-50	6.32E-49	ZEB2	chr2	-	1.45E+08	1.45E+08	6280
ENSG0000(	2041.738	4651.724	-1.1857	2.07E-14	1.31E-13	PCBP1	chr2	+	70314585	70316332	1748
ENSG0000(	1928.569	2097.115	-0.12044	0.32603	0.42896	HINT1	chr5	-	1.3E+08	1.31E+08	1081
ENSG0000(	135.1033	166.8343	-0.29995	0.25357	0.35055	DTWD2	chr5	-	1.18E+08	1.18E+08	4365
ENSG0000(	8.600228	0.594029	3.29	0.003617	0.008234	CLIC3	chr9	-	1.4E+08	1.4E+08	1017
ENSG0000(	425.1108	469.296	-0.14167	0.2692	0.36819	INO80E	chr16	+	30006615	30017114	4469
ENSG0000(	361.5996	2.338857	7.1103	2.06E-40	3.67E-39	BNC1	chr15	-	83924655	83953466	4610
ENSG0000(	176.2707	162.2539	0.11776	0.50141	0.60501	DFFB	chr1	+	3773845	3801993	3152
ENSG0000(	313.5621	319.8672	-0.02785	0.85439	0.89764	NFU1	chr2	-	69622882	69664760	1467
ENSG0000(	7106.471	807.012	3.1347	9.86E-143	1.02E-140	ANTXR1	chr2	+	69240310	69476459	5859
ENSG0000(	0.975385	0	1.2767	0.47406	NA	GKN1	chr2	+	69201705	69208106	814

ENSG0000(	346.4691	294.6889	0.23451	0.18166	0.26637	CKAP2L	chr2	-	1.13E+08	1.14E+08	4737
ENSG0000(	126.2349	126.6991	-0.00284	0.98906	0.99398	C15orf40	chr15	-	83657193	83680393	1881
ENSG0000(	22.013	30.75485	-0.48485	0.25934	0.35728	FAM103A1	chr15	+	83654959	83659809	1568
ENSG0000(	0	53.08487	-7.3073	3.68E-11	1.88E-10	PROKR1	chr2	+	68870721	68882708	1602
ENSG0000(	37.84426	45.3302	-0.25803	0.40069	0.50538	APLF	chr2	+	68694693	68858004	3906
ENSG0000(	16.36981	22.61978	-0.45343	0.32266	0.4256	BOLA2B	chr16	-	30204255	30205627	1012
ENSG0000(	72.20752	48.55768	0.56484	0.049279	0.087846	RGPD8	chr2	-	1.13E+08	1.13E+08	5576
ENSG0000(	449.7463	2128.568	-2.2405	8.52E-73	3.20E-71	HIC2	chr22	+	21771693	21805752	6940
ENSG0000(	1758.486	1884.195	-0.09915	0.49203	0.59598	LUZP1	chr1	-	23410516	23504301	8898
ENSG0000(	198.9377	331.7138	-0.73613	3.22E-05	9.73E-05	HEXDC	chr17	+	80376194	80400521	2285
ENSG0000(	0.36308	1.234181	-1.1893	0.48408	NA	BCRP2	chr22	+	21457305	21476574	1842
ENSG0000(	911.03	1379.056	-0.5967	6.42E-06	2.11E-05	BUB1	chr2	-	1.11E+08	1.11E+08	3532
ENSG0000(	14.24341	17.5479	-0.30253	0.61258	0.70485	SPNS1	chr16	+	28985542	28995869	2253
ENSG0000(	452.9281	828.5384	-0.8697	2.69E-08	1.10E-07	LRRC45	chr17	+	79981178	79989027	2701
ENSG0000(	48.74636	142.3597	-1.5364	2.76E-09	1.23E-08	CHRNA5	chr15	+	78857862	78887611	3623
ENSG0000(	683.4946	947.0877	-0.46943	0.001273	0.003106	STRA13	chr17	-	79976578	79981983	894
ENSG0000(	793.8389	765.9898	0.050961	0.71692	0.79028	AGPAT2	chr9	-	1.4E+08	1.4E+08	1512
ENSG0000(	759.5122	1192.197	-0.64947	2.14E-05	6.61E-05	ASPSCR1	chr17	+	79934683	79975282	5503
ENSG0000(	50449.72	44376.28	0.18496	0.026628	0.051064	FASN	chr17	-	80036214	80056208	8560
ENSG0000(	3169.232	6419.396	-1.0173	4.84E-22	4.46E-21	CNBP	chr3	-	1.29E+08	1.29E+08	1664
ENSG0000(	362.4441	142.2877	1.3464	4.60E-12	2.49E-11	MT1E	chr16	+	56659387	56661024	729
ENSG0000(	883.1971	1539.446	-0.80034	1.45E-09	6.59E-09	DUS1L	chr17	-	80015382	80023763	4456
ENSG0000(	2332.318	2945.323	-0.3362	0.000332	0.000883	GPS1	chr17	+	80008567	80015346	4076
ENSG0000(	529.6055	444.4301	0.25195	0.1002	0.16174	RFNG	chr17	-	80005778	80009707	3107
ENSG0000(	719.7957	941.3048	-0.38575	0.016214	0.03262	DCXR	chr17	-	79993012	79995608	1251
ENSG0000(	104.5368	96.64922	0.10953	0.61283	0.70497	ZNF32	chr10	-	44139307	44144304	1201
ENSG0000(	337.0629	516.7262	-0.6143	0.006125	0.013414	LDB2	chr4	-	16503164	16900432	2718
ENSG0000(	458.4588	1685.172	-1.8764	3.04E-65	1.00E-63	RAC3	chr17	+	79989500	79992080	1090
ENSG0000(	48.55036	60.54731	-0.30833	0.32722	0.43024	NRG4	chr15	-	76228310	76352136	3406
ENSG0000(	2741.286	803.1841	1.7691	6.81E-50	1.56E-48	LIMS1	chr2	+	1.09E+08	1.09E+08	4392
ENSG0000(	26.24429	261.2176	-3.2864	4.07E-42	7.57E-41	C15orf27	chr15	+	76352178	76521462	2520
ENSG0000(	201.3141	152.3471	0.40355	0.071709	0.1216	NLGN1	chr3	+	1.73E+08	1.74E+08	8242
ENSG0000(	266.4475	104.2201	1.3497	3.67E-14	2.27E-13	TAPT1	chr4	-	16162128	16229033	4591
ENSG0000(	1874.056	5926.492	-1.6577	2.01E-26	2.22E-25	UGP2	chr2	+	64068074	64118696	4397
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	TAS2R1	chr5	-	9629109	9630463	1355
ENSG0000(	203.1385	3207.465	-3.9751	3.49E-234	1.07E-231	LINGO1	chr15	-	77905369	78113242	3055
ENSG0000(	3069.219	6207.981	-1.0142	1.63E-10	7.97E-10	HNRNPF	chr10	-	43881065	43904614	2755
ENSG0000(	201.2007	165.2966	0.28632	0.17291	0.25561	BTD	chr3	+	15642848	15687329	2138
ENSG0000(	987.1874	92.44577	3.407	3.00E-110	2.01E-108	CSGALNAC	chr10	+	43633934	43680756	3730
ENSG0000(	10.14684	53.46352	-2.3453	2.53E-06	8.69E-06	TACR3	chr4	-	1.05E+08	1.05E+08	5190
ENSG0000(	2613.783	81.70436	4.7979	8.33E-12	4.44E-11	PCDH7	chr4	+	30722037	31148422	6763
ENSG0000(	5799.717	3093.601	0.90524	1.90E-10	9.23E-10	ROBO1	chr3	-	78646390	79816965	7510
ENSG0000(	4.221753	275.4608	-5.8936	9.08E-33	1.29E-31	ONECUT1	chr15	-	53049186	53083273	2092
ENSG0000(	445.9576	367.7465	0.27867	0.044809	0.080822	AVEN	chr15	-	34158428	34331377	1605
ENSG0000(	4.119877	900.3455	-7.4994	9.64E-29	1.17E-27	P2RY1	chr3	+	1.53E+08	1.53E+08	3106
ENSG0000(	45.28427	236.3634	-2.3726	5.81E-26	6.31E-25	CTNND2	chr5	-	10971952	11904155	5481
ENSG0000(	543.0746	392.0065	0.46728	0.002981	0.006874	TRIM56	chr7	+	1.01E+08	1.01E+08	3613
ENSG0000(	0.580602	0	0.8036	0.6494	NA	MUC17	chr7	+	1.01E+08	1.01E+08	14241
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	AHSP	chr16	+	31539185	31540124	524
ENSG0000(	5.031856	11.5721	-1.131	0.17956	0.26363	WNT10B	chr12	-	49359123	49365546	2274
ENSG0000(	3.682226	14.83194	-1.9344	0.008175	0.017447	CALML6	chr1	+	1846266	1848735	1882
ENSG0000(	11.59916	72.44091	-2.6056	8.47E-09	3.61E-08	REPS2	chrX	+	16964814	17171395	7945
ENSG0000(	0	304.4193	-9.6229	3.51E-19	2.83E-18	MUC3A	chr7	+	1.01E+08	1.01E+08	4238
ENSG0000(	1144.33	857.5951	0.41484	0.000326	0.000869	SYAP1	chrX	+	16737755	16783459	6129
ENSG0000(	9.201368	5.695847	0.63694	0.43188	0.53739	ITGAM	chr16	+	31271311	31344213	4718
ENSG0000(	0	16.08156	-5.476	2.22E-05	6.83E-05	PYDC1	chr16	-	31227283	31228680	813
ENSG0000(	794.2255	238.8399	1.729	4.73E-33	6.76E-32	TPST1	chr7	+	65670186	65885530	2116
ENSG0000(	1424.769	626.7059	1.1835	2.44E-19	1.98E-18	TOR1AIP2	chr1	-	1.8E+08	1.8E+08	7905
ENSG0000(	0.36308	1.545765	-1.432	0.39306	0.49747	S100G	chrX	+	16668281	16672793	455
ENSG0000(	1191.099	2.401965	7.6075	6.50E-10	3.05E-09	TM4SF1	chr3	-	1.49E+08	1.49E+08	3115
ENSG0000(	701.2688	664.0198	0.077753	0.72655	0.79773	OTUD3	chr1	+	20209006	20239438	6397
ENSG0000(	4.700479	86.56147	-4.1249	7.86E-15	5.11E-14	OTUD7A	chr15	-	31775329	32162992	3431
ENSG0000(	660.6363	938.2564	-0.50532	1.26E-05	4.00E-05	GUSB	chr7	-	65425671	65447301	2555
ENSG0000(	1752.953	2592.483	-0.56372	3.08E-06	1.05E-05	BRD3	chr9	-	1.37E+08	1.37E+08	5652
ENSG0000(	1518.103	1254.83	0.27312	0.31209	0.41416	KLF13	chr15	+	31619058	31727868	6825

ENSG0000(	1.338465	54.94296	-5.1292	1.88E-12	1.05E-11	FRMPD4	chrX	+	12156585	12742642	8465
ENSG0000(	93.13463	0.297015	7.2274	7.02E-13	4.03E-12	ZFPM2	chr8	+	1.06E+08	1.07E+08	4700
ENSG0000(	278.6066	140.8278	0.98047	4.14E-08	1.67E-07	ZNF764	chr16	-	30565085	30569819	2970
ENSG0000(	44.77726	90.83831	-1.0136	0.001027	0.00254	ZNF747	chr16	-	30537244	30546668	3936
ENSG0000(	667.7518	625.3953	0.093421	0.5933	0.68804	ZNF768	chr16	-	30535325	30538142	2312
ENSG0000(	6.277005	5.08396	0.28924	0.75444	0.82116	TAS1R3	chr1	+	1266694	1270686	3433
ENSG0000(	128.7681	170.4481	-0.40066	0.14505	0.22051	TMEM42	chr3	+	44903361	44907162	3071
ENSG0000(	612.084	340.3731	0.84551	2.59E-09	1.15E-08	MAP3K2	chr2	-	1.28E+08	1.28E+08	10992
ENSG0000(	113.1113	236.7782	-1.0617	4.21E-05	0.000125	PUSL1	chr1	+	1243947	1247057	1783
ENSG0000(	1440.027	1538.05	-0.09463	0.38873	0.49295	SF3B5	chr6	-	1.44E+08	1.44E+08	737
ENSG0000(	175.2621	227.8741	-0.37585	0.19236	0.27957	ZNF35	chr3	+	44690219	44702283	2661
ENSG0000(	1.390706	21.22621	-3.7325	1.37E-05	4.32E-05	TIGD4	chr4	-	1.54E+08	1.54E+08	2472
ENSG0000(	577.2215	202.1977	1.506	1.87E-15	1.26E-14	IFFO2	chr1	-	19230775	19283180	6188
ENSG0000(	3383.891	2757.029	0.29455	0.11683	0.18459	NLGN2	chr17	+	7308193	7323179	4642
ENSG0000(	22.56369	0	6.1189	1.19E-07	4.63E-07	MYO7B	chr2	+	1.28E+08	1.28E+08	6718
ENSG0000(	10854.46	2389.222	2.1824	1.03E-141	1.04E-139	CHD3	chr17	+	7788124	7816078	7356
ENSG0000(	400.063	27.12837	3.8539	3.73E-58	1.04E-56	TMEM154	chr4	-	1.54E+08	1.54E+08	10698
ENSG0000(	1.628766	23.82966	-3.6674	1.54E-06	5.39E-06	MYRIP	chr3	+	39850405	40301812	5077
ENSG0000(	5399.757	461.3427	3.5449	2.43E-139	2.35E-137	ALCAM	chr3	+	1.05E+08	1.05E+08	4701
ENSG0000(	5656.419	5304.06	0.092635	0.50813	0.61168	YWHAG	chr7	-	75956116	75988348	3745
ENSG0000(	1144.067	940.4341	0.28296	0.04426	0.079979	UBE2E3	chr2	+	1.82E+08	1.82E+08	1570
ENSG0000(	1005.938	829.6173	0.27701	0.041886	0.076309	CNTROB	chr17	+	7835419	7853236	3769
ENSG0000(	831.1452	433.4696	0.93817	3.39E-10	1.62E-09	TRAPPC1	chr17	-	7833663	7835441	811
ENSG0000(	3.661688	0	3.386	0.022371	0.043672	ZPLD1	chr3	+	1.02E+08	1.02E+08	3619
ENSG0000(	186.3063	60.51347	1.6111	2.80E-08	1.14E-07	KCNAB3	chr17	-	7825177	7833121	2458
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	SERPINA9	chr14	-	94929054	94946026	1755
ENSG0000(	0	1.40169	-1.7271	0.32809	NA	FAM153A	chr5	-	1.77E+08	1.77E+08	4499
ENSG0000(	1.048164	2.543625	-1.1012	0.40949	0.51441	GPR37L1	chr1	+	2.02E+08	2.02E+08	2508
ENSG0000(	369.1237	218.6407	0.75324	0.000331	0.00088	SIMC1	chr5	+	1.76E+08	1.76E+08	3572
ENSG0000(	348.1871	260.4508	0.41615	0.0709	0.1205	TMEM192	chr4	-	1.66E+08	1.66E+08	4542
ENSG0000(	197.2306	363.1381	-0.87638	1.87E-05	5.81E-05	RP11-423H	chr5	+	1.77E+08	1.77E+08	1570
ENSG0000(	12.20968	4.242329	1.4548	0.036194	0.067137	NSG2	chr5	+	1.73E+08	1.74E+08	2452
ENSG0000(	58.68506	43.87023	0.41748	0.14366	0.21864	AC018720.	chr7	+	75123401	75133628	2667
ENSG0000(	89.28647	133.4948	-0.5748	0.007838	0.016782	ZNF778	chr16	+	89284118	89295363	2915
ENSG0000(	1026.091	654.274	0.64445	0.026476	0.050808	NIPA1	chr15	-	23043277	23100005	7613
ENSG0000(	0.995923	0.357707	1.0227	0.53712	NA	FOXD4	chr9	-	116237	118417	2181
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	GPR25	chr1	+	2.01E+08	2.01E+08	1224
ENSG0000(	756.4095	1288.025	-0.76818	4.78E-13	2.77E-12	UBE2E1	chr3	+	23847394	23932807	1511
ENSG0000(	8428.919	11118.21	-0.39907	0.000385	0.001014	HNRNPA3	chr2	+	1.78E+08	1.78E+08	5688
ENSG0000(	982.2518	595.8799	0.71899	5.24E-07	1.92E-06	SIK2	chr11	+	1.11E+08	1.12E+08	9678
ENSG0000(	238.64	104.1158	1.1923	7.42E-09	3.18E-08	RNF150	chr4	-	1.42E+08	1.42E+08	4535
ENSG0000(	2.624689	4.256898	-0.6426	0.51009	0.61346	CCDC144A	chr17	+	16592851	16707767	8912
ENSG0000(	11.63087	19.01116	-0.6995	0.19532	0.28322	RP11-262H	chr9	+	66553273	66555928	2541
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	VGLL2	chr6	+	1.18E+08	1.18E+08	2212
ENSG0000(	9.410332	0.343138	4.0314	0.001113	0.002743	HOXD4	chr2	+	1.77E+08	1.77E+08	1464
ENSG0000(	118.3461	193.4945	-0.70813	0.004721	0.010554	CHRNB1	chr17	+	7348380	7361026	2557
ENSG0000(	10.19811	2.401965	1.8638	0.094288	0.15377	HOXD12	chr2	+	1.77E+08	1.77E+08	1805
ENSG0000(	0.342542	0	0.4146	0.81455	NA	GYPA	chr4	-	1.45E+08	1.45E+08	2659
ENSG0000(	504.832	283.1786	0.8317	4.43E-08	1.78E-07	USP38	chr4	+	1.44E+08	1.44E+08	7009
ENSG0000(	205.432	593.6781	-1.5186	1.97E-06	6.86E-06	SLC16A5	chr17	+	73083822	73102257	2051
ENSG0000(	151.3248	120.5128	0.32954	0.080679	0.1345	NANP	chr20	-	25593571	25604811	3964
ENSG0000(	0.290301	1.370136	-1.2908	0.44733	NA	ANKK1	chr11	+	1.13E+08	1.13E+08	2543
ENSG0000(	39.73163	2.445673	3.9332	2.36E-09	1.05E-08	ADRA1B	chr5	+	1.59E+08	1.59E+08	1738
ENSG0000(	70.22	66.52398	0.081309	0.74922	0.81649	ADPRM	chr17	+	10600911	10614550	1277
ENSG0000(	0.36308	32.30304	-5.7752	9.34E-08	3.65E-07	FABP6	chr5	+	1.6E+08	1.6E+08	769
ENSG0000(	377.7557	934.7919	-1.3049	1.07E-12	6.09E-12	PWWP2A	chr5	-	1.59E+08	1.6E+08	3991
ENSG0000(	0.943682	0.686276	0.31965	0.85031	NA	USP50	chr15	-	50792759	50838905	1386
ENSG0000(	1619.883	607.5231	1.4133	2.48E-18	1.93E-17	USP47	chr11	+	11862970	11980870	7775
ENSG0000(	2084.722	1336.387	0.6412	4.21E-09	1.84E-08	PDCD6IP	chr3	+	33839844	33911194	6161
ENSG0000(	343.5666	661.8337	-0.94428	4.05E-14	2.51E-13	ZNF212	chr7	+	1.49E+08	1.49E+08	2810
ENSG0000(	3.693391	1.387121	1.248	0.29626	0.3983	MRAP	chr21	+	33664124	33687095	1000
ENSG0000(	171.477	194.8288	-0.18581	0.32732	0.43034	FAM161A	chr2	-	62051989	62081278	4027
ENSG0000(	1131.017	1314.946	-0.21729	0.078003	0.13066	ZNF282	chr7	+	1.49E+08	1.49E+08	3721
ENSG0000(	1598.398	897.1932	0.83191	8.49E-10	3.94E-09	GLB1	chr3	-	33038100	33138722	2616
ENSG0000(	95.929	76.55024	0.32544	0.22176	0.31393	C14orf142	chr14	-	93669239	93673439	1154

ENSG0000(	115.118	135.0544	-0.22713	0.38736	0.49151	FAXDC2	chr5	-	1.54E+08	1.54E+08	3817
ENSG0000(	4090.948	2346.513	0.8006	1.14E-08	4.80E-08	CRTAP	chr3	+	33155471	33185153	2518
ENSG0000(	11.90723	1.531196	2.4961	0.045184	0.081373	CNGB3	chr8	-	87566205	87755903	4347
ENSG0000(	71.40777	0	7.6939	2.54E-12	1.40E-11	SLN	chr11	-	1.08E+08	1.08E+08	906
ENSG0000(	609.1397	726.2774	-0.25319	0.0503	0.089408	ELP5	chr17	+	7154735	7163259	2209
ENSG0000(	73.26759	116.0456	-0.65751	0.015866	0.031984	CMTM8	chr3	+	32280171	32411817	1174
ENSG0000(	12.33388	9.721256	0.32905	0.58791	0.68348	GABARAP	chr17	-	7143333	7146089	1634
ENSG0000(	378.4217	222.1537	0.76882	4.38E-07	1.62E-06	STX8	chr17	-	9153789	9479908	1245
ENSG0000(	820.6467	1328.583	-0.69372	5.47E-08	2.18E-07	CDK1	chr10	+	62538089	62554610	1948
ENSG0000(	2409.018	2066.138	0.22101	0.15795	0.23728	UBB	chr17	+	16284112	16286059	1225
ENSG0000(	425.1229	541.3592	-0.34692	0.045176	0.081363	NFRKB	chr11	-	1.3E+08	1.3E+08	5093
ENSG0000(	456.5139	0.297015	9.3674	2.02E-23	1.99E-22	FABP4	chr8	-	82390654	82395498	941
ENSG0000(	0	1.606458	-1.9287	0.27074	NA	FRMPD2	chr10	-	49364601	49482941	4997
ENSG0000(	330.3453	301.1772	0.13457	0.34583	0.44991	PRDM10	chr11	-	1.3E+08	1.3E+08	6322
ENSG0000(	313.7149	435.0783	-0.47197	0.000479	0.001248	B3GNT2	chr2	+	62423248	62451866	2763
ENSG0000(	80.2855	183.7266	-1.1854	1.99E-06	6.90E-06	FOS	chr14	+	75745477	75748933	2158
ENSG0000(	4483.825	2350.078	0.93137	4.48E-20	3.79E-19	TMED10	chr14	-	75598173	75643334	4127
ENSG0000(	0.975385	16.20207	-3.7333	5.02E-05	0.000148	OR2A20P	chr7	-	1.44E+08	1.44E+08	2913
ENSG0000(	257.2305	240.2816	0.09947	0.68833	0.76763	SETMAR	chr3	+	4344988	4359251	2443
ENSG0000(	349.2165	206.3271	0.75826	3.24E-06	1.10E-05	SMAD1	chr4	+	1.46E+08	1.46E+08	3293
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	CST5	chr20	-	23856572	23860387	756
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	CST2	chr20	-	23804406	23807368	748
ENSG0000(	1.451506	0	1.4786	0.40599	NA	EMX2	chr10	+	1.19E+08	1.19E+08	2896
ENSG0000(	0.342542	114.3883	-6.9467	NA	NA	CST1	chr20	-	23728190	23731905	760
ENSG0000(	109.0745	2.558194	5.2329	1.62E-20	1.40E-19	SP7	chr12	-	53720362	53739099	3148
ENSG0000(	26.77526	1.355566	4.097	2.48E-07	9.36E-07	FAM115C	chr7	+	1.43E+08	1.43E+08	5568
ENSG0000(	198.6151	21.92619	3.164	1.41E-30	1.83E-29	SEMA3E	chr7	-	82993222	83278326	6476
ENSG0000(	0.72616	75.26436	-6.3328	3.14E-13	1.84E-12	LRRN2	chr1	-	2.05E+08	2.05E+08	5036
ENSG0000(	228.7337	803.9531	-1.7957	1.52E-07	5.84E-07	SLC30A1	chr1	-	2.12E+08	2.12E+08	5474
ENSG0000(	308.1596	3.512346	6.3007	1.51E-43	2.92E-42	DCLK2	chr4	+	1.51E+08	1.51E+08	4265
ENSG0000(	60.82083	1.043983	5.5974	1.49E-12	8.38E-12	ZNF804A	chr2	+	1.85E+08	1.86E+08	4690
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	CTA-313A1	chr7	-	1.02E+08	1.02E+08	331
ENSG0000(	7.022889	368.145	-5.6118	5.33E-49	1.19E-47	GPRC5C	chr17	+	72420990	72447792	2988
ENSG0000(	71.93173	38.08858	0.91727	0.001715	0.004103	TMEM182	chr2	+	1.03E+08	1.03E+08	3593
ENSG0000(	0	12.29402	-5.2409	2.17E-05	6.70E-05	VSTM2A	chr7	+	54610018	54638773	3401
ENSG0000(	582.1049	16860.01	-4.8509	0	0	KRT8	chr12	-	53290977	53343738	2862
ENSG0000(	0.653381	0	0.82678	0.64037	NA	KRT78	chr12	-	53231588	53242876	2554
ENSG0000(	99.01945	57.91082	0.76234	0.017617	0.035198	ADORA2B	chr17	+	15848231	15879060	1875
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	SDR9C7	chr12	-	57316938	57328189	1765
ENSG0000(	76.37101	196.5226	-1.3548	1.21E-08	5.09E-08	MGMT	chr10	+	1.31E+08	1.32E+08	1759
ENSG0000(	17.14822	16.16481	0.091	0.85403	0.89741	METTL7B	chr12	+	56075330	56078395	1506
ENSG0000(	1.286224	1.326428	-0.02638	0.98517	0.99139	KRT86	chr12	+	52643084	52702947	2091
ENSG0000(	1511.884	839.8679	0.84553	2.29E-05	7.04E-05	HARS	chr5	-	1.4E+08	1.4E+08	3494
ENSG0000(	193.866	363.107	-0.90354	1.39E-08	5.85E-08	NFXL1	chr4	-	47849257	47916653	3865
ENSG0000(	592.1005	293.2869	1.01	6.79E-13	3.90E-12	DENND5B	chr12	-	31535157	31744031	9470
ENSG0000(	18.80868	2.056411	3.0705	5.39E-05	0.000159	CD14	chr5	-	1.4E+08	1.4E+08	1886
ENSG0000(	371.7828	261.5889	0.50822	0.001612	0.003869	DNAJC18	chr5	-	1.39E+08	1.39E+08	5103
ENSG0000(	36.61965	95.26855	-1.3745	1.94E-07	7.39E-07	SPATA24	chr5	-	1.39E+08	1.39E+08	909
ENSG0000(	1398.038	900.7198	0.63334	2.60E-09	1.16E-08	RALGAPB	chr20	+	37101459	37207504	8661
ENSG0000(	316.1336	873.8008	-1.4647	9.80E-34	1.44E-32	WIBG	chr12	-	56295197	56326402	1226
ENSG0000(	0	2.618886	-2.6151	0.12026	0.18917	MZB1	chr5	-	1.39E+08	1.39E+08	1887
ENSG0000(	0.290301	0	0.4146	0.81455	NA	KRT4	chr12	-	53200333	53208335	2576
ENSG0000(	7.272114	7.593614	-0.04542	0.95555	0.97258	SLC23A1	chr5	-	1.39E+08	1.39E+08	2303
ENSG0000(	465.5	25.73475	4.17	5.37E-72	1.99E-70	NPAS2	chr2	+	1.01E+08	1.02E+08	7983
ENSG0000(	0.36308	1.828211	-1.6223	0.32801	0.43105	KISS1	chr1	-	2.04E+08	2.04E+08	709
ENSG0000(	134.6182	11.94034	3.4629	2.29E-22	2.15E-21	LONRF2	chr2	-	1.01E+08	1.01E+08	13912
ENSG0000(	396.2354	488.7978	-0.30143	0.034449	0.064231	NUDT9	chr4	+	88343734	88380606	2458
ENSG0000(	2.967231	1.485073	0.78703	0.55943	0.65813	HSD17B13	chr4	-	88224941	88244058	2397
ENSG0000(	1013.917	1950.935	-0.94256	2.18E-11	1.13E-10	PA2G4	chr12	+	56498103	56507691	2577
ENSG0000(	1820.663	1891.174	-0.05452	0.71185	0.78615	ELOVL6	chr4	-	1.11E+08	1.11E+08	6454
ENSG0000(	2845.432	1157.941	1.2922	6.78E-09	2.91E-08	PFKFB3	chr10	+	6186881	6277495	4483
ENSG0000(	35.61354	60.4519	-0.75395	0.016091	0.032387	TMC7	chr16	+	18995256	19075264	4499
ENSG0000(	1287	2093.333	-0.70009	1.09E-05	3.48E-05	ARL6IP1	chr16	-	18802991	18813000	2407
ENSG0000(	870.3899	336.6058	1.3641	1.63E-09	7.39E-09	SERPINB9	chr6	-	2887500	2903514	4118
ENSG0000(	300.5095	107.1579	1.4826	3.94E-16	2.75E-15	SMAGP	chr12	-	51638342	51664674	2350

ENSG0000(	34.84712	245.48	-2.7996	2.46E-24	2.50E-23	IRX1	chr5	+	3596168	3601517	1858
ENSG0000(	7056.622	986.052	2.8332	2.28E-62	7.03E-61	CDH2	chr18	-	25530930	25757410	4332
ENSG0000(	117.9669	2391.516	-4.3289	4.64E-152	5.40E-150	IRX2	chr5	-	2745959	2752969	2630
ENSG0000(	2380.33	630.6164	1.914	5.08E-47	1.07E-45	EMB	chr5	-	49692026	49739082	4281
ENSG0000(	135.998	27.28702	2.2912	1.48E-15	9.99E-15	SIX2	chr2	-	45232300	45236569	2205
ENSG0000(	40.00995	280.7398	-2.7871	1.84E-21	1.66E-20	DLGAP1	chr18	-	3496030	4455335	6683
ENSG0000(	2273.288	587.6955	1.9481	3.33E-43	6.39E-42	STAT2	chr12	-	56735381	56753939	3278
ENSG0000(	429.2944	789.9003	-0.87923	2.72E-09	1.21E-08	NUDCD2	chr5	-	1.63E+08	1.63E+08	1043
ENSG0000(	0.290301	0.594029	-0.38058	0.83094	NA	LINC00266	chr6	-	131910	144885	727
ENSG0000(	1262.419	1049.581	0.26519	0.18757	0.27359	IRF2BP1	chr19	-	46386866	46389376	2511
ENSG0000(	3528.622	7731.314	-1.1311	7.38E-41	1.32E-39	HSPA4	chr5	+	1.32E+08	1.32E+08	4825
ENSG0000(	0.705622	361.4448	-8.5108	5.44E-26	5.92E-25	FOXA3	chr19	+	46367247	46377055	1989
ENSG0000(	4.814334	3.351285	0.47343	0.61399	0.70597	SLC26A5	chr7	-	1.03E+08	1.03E+08	2689
ENSG0000(	0.342542	6.024416	-3.376	0.01156	0.023966	SCRT1	chr8	-	1.46E+08	1.46E+08	1282
ENSG0000(	261.7115	208.6772	0.32615	0.11907	0.18766	COMMD5	chr8	-	1.46E+08	1.46E+08	1573
ENSG0000(	585.2282	12.22037	5.5412	6.49E-76	2.58E-74	SGCD	chr5	+	1.55E+08	1.56E+08	9755
ENSG0000(	0.290301	6.420125	-3.5145	0.007111	0.015375	GTSF1	chr12	-	54849734	54867386	1621
ENSG0000(	39.24532	1.684135	4.3647	1.14E-09	5.25E-09	DPY19L2P2	chr7	-	1.03E+08	1.03E+08	4078
ENSG0000(	138.4284	189.0981	-0.44709	0.012359	0.025483	ZNF16	chr8	-	1.46E+08	1.46E+08	2616
ENSG0000(	686.2341	596.828	0.20009	0.093509	0.15268	ARMC10	chr7	+	1.03E+08	1.03E+08	2629
ENSG0000(	491.0496	669.8627	-0.44668	0.000221	0.000602	RNF34	chr12	+	1.22E+08	1.22E+08	2066
ENSG0000(	38.1234	26.17422	0.53201	0.13759	0.21097	ACYP2	chr2	+	54342540	54532437	1913
ENSG0000(	628.9689	1782.507	-1.5005	1.69E-24	1.74E-23	TRABD	chr22	+	50624344	50638027	2404
ENSG0000(	47.34873	96.34329	-1.0248	0.000168	0.000465	TMEM133	chr11	+	1.01E+08	1.01E+08	1853
ENSG0000(	380.7537	156.8616	1.2735	2.68E-14	1.68E-13	ATF7	chr12	-	53901640	54020199	6680
ENSG0000(	10.08425	6.883905	0.49627	0.55199	0.65145	RASA4B	chr7	-	1.02E+08	1.02E+08	3569
ENSG0000(	453.0908	325.2787	0.47903	0.000931	0.00232	SOCS6	chr18	+	67956137	67997436	5848
ENSG0000(	35.86277	142.6648	-1.9731	1.18E-12	6.65E-12	MURC	chr9	+	1.03E+08	1.03E+08	2615
ENSG0000(	15.05449	392.6446	-4.6592	1.09E-33	1.59E-32	ZNF296	chr19	-	45574758	45579846	1744
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	OR5E1P	chr11	+	7870247	7871182	927
ENSG0000(	21.60884	15.78434	0.3149	0.84803	0.89326	HOXB9	chr17	-	46698518	46703839	2705
ENSG0000(	0.705622	102.9587	-6.7313	2.35E-14	1.48E-13	TTLL6	chr17	-	46839597	46894576	4440
ENSG0000(	355.5555	488.3603	-0.45752	0.005473	0.012094	BOP1	chr8	-	1.45E+08	1.46E+08	2336
ENSG0000(	463.2446	165.8644	1.4694	3.42E-06	1.16E-05	POLH	chr6	+	43543887	43586701	3540
ENSG0000(	0.705622	33.90782	-5.21	1.96E-08	8.10E-08	SYT9	chr11	+	7260099	7490273	3955
ENSG0000(	26.70231	620.8198	-4.5255	1.77E-66	6.02E-65	KCNS3	chr2	+	18059114	18542882	2397
ENSG0000(	0.290301	1.043983	-0.98014	0.57012	NA	RBMXL2	chr11	+	7110165	7112379	2215
ENSG0000(	5052.948	2013.259	1.326	5.60E-21	4.93E-20	KIF5B	chr10	-	32297938	32345359	5877
ENSG0000(	53.74489	228.0009	-2.0674	6.93E-20	5.81E-19	GPR37	chr7	-	1.24E+08	1.24E+08	3021
ENSG0000(	2466.633	793.8902	1.6326	1.42E-36	2.26E-35	AKAP13	chr15	+	85923802	86292586	13215
ENSG0000(	0.290301	0	0.4146	0.81455	NA	TPD52L3	chr9	+	6328349	6331900	2572
ENSG0000(	1018.48	1466.76	-0.52589	1.09E-06	3.87E-06	CDCA4	chr14	-	1.05E+08	1.05E+08	2513
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	OR10A4	chr11	+	6897856	6898850	995
ENSG0000(	0	2.263595	-2.408	0.15804	0.23738	SDR16C5	chr8	-	57212569	57233335	2399
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	DYDC1	chr10	-	82095861	82116511	1169
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	OR10A2	chr11	+	6890924	6891976	1053
ENSG0000(	272.2914	436.443	-0.67751	0.00054	0.001395	CHCHD7	chr8	+	57124245	57131357	3157
ENSG0000(	219.8638	94.57261	1.2124	5.99E-09	2.59E-08	HTRA3	chr4	+	8271492	8308838	2541
ENSG0000(	221.3186	198.4696	0.15807	0.34201	0.44595	FOXN2	chr2	+	48541776	48606433	5408
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	LMOD2	chr7	+	1.23E+08	1.23E+08	2346
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	FSHR	chr2	-	49189296	49381676	2784
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CELP	chr9	+	1.36E+08	1.36E+08	1249
ENSG0000(	1108.296	1415.521	-0.35281	0.019431	0.038457	USP32	chr17	-	58256455	58499831	5171
ENSG0000(	15.5408	42.77288	-1.4538	0.000897	0.002242	CEL	chr9	+	1.36E+08	1.36E+08	2384
ENSG0000(	220.4989	346.3484	-0.64928	0.003402	0.00778	PPM1D	chr17	+	58677544	58741849	2996
ENSG0000(	2.032922	222.2051	-6.593	3.25E-27	3.71E-26	GPR27	chr3	+	71803201	71805647	2447
ENSG0000(	271.978	386.4595	-0.50636	0.001531	0.003693	AC093323.	chr4	+	6675178	6677774	2311
ENSG0000(	0	1.073121	-1.1788	0.50551	NA	PSG6	chr19	-	43406231	43423715	2321
ENSG0000(	687.6081	622.3065	0.14341	0.36995	0.47445	KBTBD2	chr7	-	32907784	32933743	3745
ENSG0000(	393.9979	138.8827	1.4996	2.78E-09	1.23E-08	MINA	chr3	-	97663086	97691301	2923
ENSG0000(	340.3815	762.0421	-1.1621	6.11E-21	5.36E-20	TRIAP1	chr12	-	1.21E+08	1.21E+08	1182
ENSG0000(	557.3025	932.3978	-0.74102	1.72E-06	6.01E-06	LSM3	chr3	+	14219858	14242619	3815
ENSG0000(	1.971308	0	2.4428	0.13467	0.20767	LILRA3	chr19	-	54799854	54809952	1880
ENSG0000(	958.9475	567.3099	0.75613	1.66E-11	8.68E-11	KIAA0232	chr4	+	6783102	6885897	7841
ENSG0000(	59.54317	143.1861	-1.2523	2.39E-07	9.03E-07	MTSS1	chr8	-	1.26E+08	1.26E+08	4944

ENSG0000(	1357.595	622.9463	1.1215	6.42E-10	3.01E-09	TMEM43	chr3	+	14166440	14185179	3341
ENSG0000(	348.4954	339.4818	0.038739	0.80394	0.86137	RNF139	chr8	+	1.25E+08	1.26E+08	2637
ENSG0000(	11716.02	20558.22	-0.81048	3.04E-14	1.90E-13	RPS9	chr19	+	54704610	54752862	2384
ENSG0000(	0.290301	0	0.4146	0.81455	NA	PLA2G1B	chr12	-	1.21E+08	1.21E+08	565
ENSG0000(	1419.901	21.24965	6.0449	7.85E-170	1.15E-167	CYTL1	chr4	-	5016313	5021199	1003
ENSG0000(	1137.879	619.9078	0.8748	8.29E-12	4.42E-11	TSEN34	chr19	+	54693789	54697585	2372
ENSG0000(	0	7.70043	-4.5518	0.000476	0.001239	TRH	chr3	+	1.3E+08	1.3E+08	1978
ENSG0000(	609.7663	204.1689	1.5748	1.25E-27	1.46E-26	GSTA4	chr6	-	52842751	52860176	1693
ENSG0000(	372.1451	274.434	0.44037	0.002293	0.005375	MSANTD4	chr11	-	1.06E+08	1.06E+08	4087
ENSG0000(	538.6417	987.8407	-0.87298	7.06E-11	3.54E-10	NDUFA3	chr19	+	54606036	54612564	963
ENSG0000(	7.718159	67.61355	-3.0587	1.30E-07	5.02E-07	OSCAR	chr19	-	54597933	54606000	2055
ENSG0000(	219.9906	332.4765	-0.59102	0.063253	0.10924	PAQR8	chr6	+	52226219	52272575	4738
ENSG0000(	41.26194	43.64935	-0.08831	0.81343	0.86888	NUDT6	chr4	-	1.24E+08	1.24E+08	5306
ENSG0000(	257.0604	94.64075	1.4258	3.28E-05	9.90E-05	TPT1-AS1	chr13	+	45915480	45965872	2869
ENSG0000(	1475.419	209.7771	2.813	4.97E-101	2.86E-99	TANC2	chr17	+	61086917	61505060	11721
ENSG0000(	0	99.68106	-8.1109	2.63E-13	1.55E-12	TEX13B	chrX	-	1.07E+08	1.07E+08	1248
ENSG0000(	2.282147	11.82379	-2.2398	0.005192	0.011534	PKHD1	chr6	-	51480098	51952423	16282
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	NCBP2L	chrX	+	1.07E+08	1.07E+08	462
ENSG0000(	224.7816	129.3415	0.79229	8.17E-06	2.65E-05	DNAJC24	chr11	+	31391387	31453396	2745
ENSG0000(	225.431	566.1277	-1.3207	7.40E-07	2.67E-06	ZNF160	chr19	-	53569859	53606689	4688
ENSG0000(	5.943022	97.35317	-3.915	1.64E-17	1.23E-16	ZNF415	chr19	-	53611132	53636330	2630
ENSG0000(	2720.639	684.298	1.9824	7.73E-17	5.61E-16	PRKCDBP	chr11	-	6340176	6341877	1174
ENSG0000(	1.649304	1.043983	0.55572	0.69121	0.76974	DCDC1	chr11	-	30851916	31391357	5352
ENSG0000(	1017.153	523.2779	0.92364	0.16933	0.25114	HAS2	chr8	-	1.23E+08	1.23E+08	4190
ENSG0000(	176.0799	56.29047	1.6373	3.93E-12	2.14E-11	PDGFD	chr11	-	1.04E+08	1.04E+08	4052
ENSG0000(	0.975385	4.617021	-1.952	0.095641	0.15566	PLAC1	chrX	-	1.34E+08	1.34E+08	1138
ENSG0000(	2.023549	0.686276	1.1955	0.42985	0.53531	DDI1	chr11	+	1.04E+08	1.04E+08	2615
ENSG0000(	206.9116	67.67573	1.6	4.41E-07	1.63E-06	S1PR1	chr1	+	1.02E+08	1.02E+08	2909
ENSG0000(	30.8094	207.3928	-2.73	1.85E-23	1.82E-22	HS6ST2	chrX	-	1.32E+08	1.32E+08	4441
ENSG0000(	322.8704	25.78254	3.6184	4.23E-52	1.03E-50	PYGO1	chr15	-	55831088	55881145	8488
ENSG0000(	9.139755	12.14753	-0.39652	0.51485	0.61773	LRRC8E	chr19	+	7953390	7966901	3595
ENSG0000(	282.35	264.6716	0.093044	0.53319	0.63423	PKIA	chr8	+	79428374	79517502	4163
ENSG0000(	81.39961	213.2252	-1.3768	9.25E-07	3.31E-06	XKR6	chr8	-	10753555	11058875	3382
ENSG0000(	185.641	400.397	-1.1068	1.24E-12	6.99E-12	TSNARE1	chr8	-	1.43E+08	1.43E+08	2100
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	FPR2	chr19	+	52255279	52273779	2621
ENSG0000(	2.697468	0	2.9287	0.058655	0.10242	FPR1	chr19	-	52248425	52307363	1965
ENSG0000(	0.290301	1.340997	-1.3722	0.39656	NA	OR13H1	chrX	+	1.31E+08	1.31E+08	1081
ENSG0000(	539.3736	289.2776	0.89624	1.84E-09	8.29E-09	FEZ2	chr2	-	36778570	36873230	4495
ENSG0000(	1.016461	6.223479	-2.3545	0.031961	0.060023	SOX7	chr8	-	10581278	10697357	3216
ENSG0000(	1274.037	557.873	1.1909	3.39E-21	3.01E-20	C11orf24	chr11	-	68028803	68039469	2063
ENSG0000(	6.089393	27.82842	-2.1506	0.000223	0.000606	FAM86JP	chr3	+	1.26E+08	1.26E+08	2012
ENSG0000(	52.23242	1.043983	5.383	1.39E-11	7.30E-11	ALK	chr2	-	29415640	30144432	6220
ENSG0000(	205.5919	393.3168	-0.931	0.000115	0.000326	CCBL1	chr9	-	1.32E+08	1.32E+08	2490
ENSG0000(	98.27357	119.2931	-0.27636	0.26464	0.3631	MTM1	chrX	+	1.5E+08	1.5E+08	3593
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	SIGLEC17P	chr19	+	51670585	51676780	2160
ENSG0000(	173.3841	305.4204	-0.81749	2.37E-07	8.95E-07	TRMT61B	chr2	-	29072687	29093167	1836
ENSG0000(	18.14332	830.674	-5.4584	7.60E-62	2.30E-60	INSR	chr19	-	7112266	7294045	8954
ENSG0000(	855.8853	524.5246	0.7058	1.92E-09	8.63E-09	MFN1	chr3	+	1.79E+08	1.79E+08	5224
ENSG0000(	2.085163	0.654722	1.2991	0.36806	0.4727	GIMAP8	chr7	+	1.5E+08	1.5E+08	4184
ENSG0000(	8.412616	104.2543	-3.5849	2.67E-14	1.67E-13	NRTN	chr19	+	5823813	5828335	1109
ENSG0000(	16.09247	17.11172	-0.08055	0.89481	0.92699	KCNMB3	chr3	-	1.79E+08	1.79E+08	2055
ENSG0000(	0.290301	4.986881	-3.0988	0.027483	0.052547	FUT3	chr19	-	5842899	5851485	2584
ENSG0000(	1.753786	202.3295	-6.6981	1.67E-26	1.86E-25	KCNG3	chr2	-	42669157	42721237	3824
ENSG0000(	1.919068	0	2.4151	0.13977	0.21349	HSFX2	chrX	-	1.49E+08	1.49E+08	1966
ENSG0000(	209.4779	256.2525	-0.28827	0.14255	0.21719	ATP6V0E2	chr7	+	1.5E+08	1.5E+08	2722
ENSG0000(	208.0086	58.72889	1.8189	3.54E-17	2.62E-16	PRKCE	chr2	+	45878484	46415129	5650
ENSG0000(	393.2125	480.8748	-0.29083	0.028221	0.053773	JAGN1	chr3	+	9932238	9936033	1693
ENSG0000(	0	1.964165	-2.2052	0.20143	0.2901	RLN3	chr19	+	14138960	14141854	580
ENSG0000(	1415.831	1431.843	-0.01605	0.87806	0.91499	TADA3	chr3	-	9821544	9834695	2554
ENSG0000(	291.5352	297.2263	-0.02635	0.85411	0.89743	SOCS5	chr2	+	46926091	46990268	4771
ENSG0000(	169.4099	133.2099	0.34745	0.066333	0.11378	C1GALT1C1	chrX	-	1.2E+08	1.2E+08	1613
ENSG0000(	1128.183	1012.865	0.15523	0.30965	0.41149	C9orf16	chr9	+	1.31E+08	1.31E+08	1570
ENSG0000(	178.7158	213.8823	-0.25827	0.36877	0.4734	MORN4	chr10	-	99374310	99393344	2323
ENSG0000(	407.6086	929.6711	-1.1846	1.09E-07	4.25E-07	ZNF672	chr1	+	2.49E+08	2.49E+08	2989
ENSG0000(	301.8966	358.5222	-0.24757	0.3362	0.43988	ZNF692	chr1	-	2.49E+08	2.49E+08	2704

ENSG0000(	207.9915	221.1052	-0.08947	0.69996	0.77656	NAIF1	chr9	-	1.31E+08	1.31E+08	3399
ENSG0000(	6.234137	17.68715	-1.4633	0.013585	0.027783	RBKS	chr2	-	28004231	28113965	2151
ENSG0000(	20.7491	6.079404	1.7292	0.00371	0.008424	GRIK1	chr21	-	30909254	31312351	3624
ENSG0000(	0	1.372552	-1.3974	0.43145	NA	MUC7	chr4	+	71296209	71348714	2540
ENSG0000(	237.155	271.4055	-0.19231	0.3255	0.42838	TMEM126A	chr11	+	85359011	85367591	739
ENSG0000(	357.8886	415.4802	-0.21493	0.15779	0.23709	TMEM126E	chr11	+	85339629	85347580	1388
ENSG0000(	2123.205	899.8951	1.2346	3.46E-10	1.65E-09	TRIM8	chr10	+	1.04E+08	1.04E+08	2742
ENSG0000(	1062.34	788.605	0.42644	0.19216	0.27931	NETO2	chr16	-	47111614	47177908	7481
ENSG0000(	45.12396	11.84078	1.8967	2.65E-05	8.09E-05	CLDN20	chr6	+	1.56E+08	1.56E+08	1209
ENSG0000(	21.80681	481.3381	-4.4307	2.79E-63	8.76E-62	CDC42BPG	chr11	-	64590859	64612041	5742
ENSG0000(	1032.306	1191.98	-0.20746	0.087921	0.14489	SCAND1	chr20	-	34541539	34547394	1727
ENSG0000(	586.8834	87.85056	2.7318	1.58E-58	4.42E-57	JUNB	chr19	+	12902310	12904124	1815
ENSG0000(	48.64612	285.8396	-2.5515	7.70E-27	8.69E-26	C10orf35	chr10	+	71390007	71393352	1062
ENSG0000(	5.144897	217.3326	-5.2974	3.27E-37	5.33E-36	TMEM37	chr2	+	1.2E+08	1.2E+08	1688
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	UGT2B7	chr4	+	69917081	69978705	1887
ENSG0000(	1.068702	8.628733	-2.758	0.010881	0.022693	LRG1	chr19	-	4536421	4540486	3036
ENSG0000(	733.5931	315.0032	1.2177	6.19E-20	5.20E-19	SHCBP1	chr16	-	46614466	46655538	3461
ENSG0000(	238.7184	9.972889	4.5701	5.78E-36	9.04E-35	SOSTDC1	chr7	-	16501106	16570205	2411
ENSG0000(	18.26655	72.54444	-1.9632	2.71E-07	1.02E-06	NPTX1	chr17	-	78440948	78451643	5122
ENSG0000(	697.12	889.0299	-0.34903	0.004415	0.009913	FAM98B	chr15	+	38746328	38779911	4388
ENSG0000(	1942.742	1791.425	0.11608	0.68632	0.76602	BAHCC1	chr17	+	79373540	79433357	10341
ENSG0000(	1.846289	33.46028	-3.9322	2.53E-08	1.04E-07	ZNF439	chr19	+	11959541	11994565	2622
ENSG0000(	141.1459	108.5588	0.37515	0.15841	0.23774	ZNF440	chr19	+	11925099	11946016	4189
ENSG0000(	2032.768	2539.397	-0.32036	0.038045	0.070208	GAA	chr17	+	78075355	78093678	3626
ENSG0000(	1897.11	696.1341	1.4452	5.15E-42	9.53E-41	CANT1	chr17	-	76987799	77005949	3534
ENSG0000(	40.9357	0.997859	5.0486	5.31E-10	2.50E-09	KCNK3	chr2	+	26915619	26956288	6162
ENSG0000(	964.585	613.7704	0.65084	0.000753	0.001903	ZDHHC16	chr10	+	99205927	99217127	1959
ENSG0000(	1325.83	525.2244	1.3331	3.39E-18	2.62E-17	CHST11	chr12	+	1.05E+08	1.05E+08	5709
ENSG0000(	437.0112	500.786	-0.1953	0.25552	0.35281	EXOSC1	chr10	-	99195899	99205774	2113
ENSG0000(	3992.336	10373.78	-1.3757	2.89E-26	3.17E-25	PGAM1	chr10	+	99185917	99193198	1830
ENSG0000(	629.0371	3252.367	-2.3684	2.42E-77	9.82E-76	CHD7	chr8	+	61591337	61779465	10446
ENSG0000(	242.3992	185.1576	0.38686	0.036716	0.067987	ESCO2	chr8	+	27629466	27670157	3922
ENSG0000(	22.21177	2003.328	-6.4807	3.55E-207	8.18E-205	KRT19	chr17	-	39679869	39684560	1390
ENSG0000(	2.044087	0	2.4801	0.12801	0.19906	KRT15	chr17	-	39669995	39678781	5237
ENSG0000(	18.60828	11.39169	0.67094	0.34841	0.45264	LURAP1	chr1	+	46669006	46686933	1854
ENSG0000(	556.9818	411.3897	0.43599	0.011164	0.023223	CLCN5	chrX	+	49687225	49863892	10108
ENSG0000(	9.864936	91.89719	-3.1681	1.37E-09	6.26E-09	TPPP	chr5	-	660883	693510	5116
ENSG0000(	9.534537	8.761398	0.12628	0.85106	0.89525	KCND3	chr1	-	1.12E+08	1.13E+08	7396
ENSG0000(	14.2743	90.4606	-2.6277	1.94E-09	8.71E-09	APLN	chrX	-	1.29E+08	1.29E+08	3220
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	KRT13	chr17	-	39657233	39661957	1835
ENSG0000(	143.3446	0.343138	7.8081	2.12E-15	1.42E-14	PDE7B	chr6	+	1.36E+08	1.37E+08	5390
ENSG0000(	299.3919	402.7526	-0.42783	0.013064	0.026806	MRPL36	chr5	-	1798500	1801480	793
ENSG0000(	306.3715	1036.935	-1.7492	2.07E-11	1.07E-10	ZNF581	chr19	+	56146825	56156988	1324
ENSG0000(	46.60619	52.51831	-0.1663	0.62293	0.71332	NAT1	chr8	+	18027986	18081198	2332
ENSG0000(	0.290301	0	0.4146	0.81455	NA	KRT20	chr17	-	39032193	39041479	1737
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	GLOD5	chrX	+	48620154	48632064	735
ENSG0000(	21.48643	109.2135	-2.3336	4.09E-11	2.09E-10	KSR2	chr12	-	1.18E+08	1.18E+08	17008
ENSG0000(	124.9411	53.86098	1.211	4.03E-07	1.49E-06	ZNF524	chr19	+	56111388	56114504	1260
ENSG0000(	1075.119	749.9538	0.51924	4.29E-06	1.44E-05	MCC	chr5	-	1.12E+08	1.13E+08	29630
ENSG0000(	139.0107	120.394	0.20536	0.29515	0.39718	ZBTB26	chr9	-	1.26E+08	1.26E+08	4443
ENSG0000(	2.500484	4.986881	-0.89957	0.44234	0.54804	CDK5R2	chr2	+	2.2E+08	2.2E+08	2500
ENSG0000(	552.7369	944.2879	-0.77074	0.000107	0.000303	DSEL	chr18	-	65173819	65184217	9531
ENSG0000(	283.3612	440.6358	-0.63363	0.009707	0.020453	POLR1C	chr6	+	43477440	43497323	1882
ENSG0000(	2181.177	517.8204	2.0735	2.89E-80	1.22E-78	ASXL1	chr20	+	30946155	31027122	7031
ENSG0000(	15.86199	10.5459	0.56946	0.32908	0.43222	DLK2	chr6	-	43418090	43424370	2038
ENSG0000(	366.1509	673.5365	-0.87783	8.47E-07	3.04E-06	ZNF562	chr19	-	9759330	9785776	5706
ENSG0000(	1070.1	595.0173	0.84366	8.49E-05	0.000244	ZNF318	chr6	-	43299513	43337181	8006
ENSG0000(	411.4733	534.1323	-0.3762	0.014477	0.029415	ZNF561	chr19	-	9715356	9732075	4693
ENSG0000(	6.908056	8.911179	-0.36201	0.63858	0.72638	MAP1LC3B	chr12	+	1.17E+08	1.17E+08	832
ENSG0000(	1376.873	982.4021	0.48637	2.20E-05	6.78E-05	WIPF2	chr17	+	38375556	38440388	7474
ENSG0000(	82.76782	0	7.8935	5.76E-13	3.33E-12	HOPX	chr4	-	57514155	57548065	3203
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	SSX6	chrX	+	47967365	47980073	1461
ENSG0000(	443.0385	45.34073	3.2734	5.73E-60	1.67E-58	LRRC8C	chr1	+	90098631	90398809	7218
ENSG0000(	0.653381	0	0.82678	0.64037	NA	SPACA5	chrX	+	47863734	47869126	732
ENSG0000(	1398.507	2568.326	-0.87444	1.17E-06	4.14E-06	RSL1D1	chr16	-	11929056	11945442	4134

ENSG0000(	407.6666	547.9694	-0.4275	0.001012	0.002507	LRRC8D	chr1	+	90286573	90402170	3950
ENSG0000(	0.342542	0	0.4146	0.81455	NA	OR1L8	chr9	-	1.25E+08	1.25E+08	1061
ENSG0000(	361.3065	447.8657	-0.30824	0.08335	0.13839	PPID	chr4	-	1.6E+08	1.6E+08	1823
ENSG0000(	358.7551	16.81067	4.3884	3.01E-64	9.64E-63	COL24A1	chr1	-	86194916	86622626	6825
ENSG0000(	157.6489	98.42473	0.67797	0.001223	0.002991	ETFDH	chr4	+	1.6E+08	1.6E+08	3282
ENSG0000(	0	5.811527	-4.0779	0.003281	0.007521	RXFP1	chr4	+	1.59E+08	1.6E+08	3842
ENSG0000(	60.58342	639.8041	-3.3925	2.21E-59	6.35E-58	LPAR3	chr1	-	85277285	85358896	3345
ENSG0000(	390.0769	7.451955	5.6826	4.38E-59	1.24E-57	PTGER4	chr5	+	40679600	40693837	3848
ENSG0000(	1195.577	2115.898	-0.82179	1.03E-08	4.36E-08	TBCA	chr5	-	76986991	77164604	2301
ENSG0000(	0.685084	0.297015	0.4735	0.79064	NA	NEUROD2	chr17	-	37759789	37766030	6242
ENSG0000(	4.750114	15.31673	-1.6029	0.021206	0.041617	MAP6	chr11	-	75297963	75380165	4329
ENSG0000(	0	17.1287	-5.7111	1.74E-06	6.08E-06	OTP	chr5	-	76924538	76935513	3668
ENSG0000(	0.36308	807.1002	-10.103	2.98E-27	3.42E-26	ECEL1	chr2	-	2.33E+08	2.33E+08	2965
ENSG0000(	1023.401	1325.923	-0.3721	0.054474	0.095807	BCL2L1	chr20	-	30252255	30311792	2610
ENSG0000(	1.265686	0	1.6147	0.36215	NA	FGG	chr4	-	1.56E+08	1.56E+08	2031
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	FGA	chr4	-	1.56E+08	1.56E+08	3678
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	OR2AT4	chr11	-	74799758	74800799	1042
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	FGB	chr4	+	1.55E+08	1.55E+08	1975
ENSG0000(	701.565	791.0985	-0.17274	0.28637	0.38789	PLRG1	chr4	-	1.55E+08	1.55E+08	3351
ENSG0000(	188.4641	56.29047	1.7326	3.04E-14	1.90E-13	ZNF584	chr19	+	58912871	58929694	2709
ENSG0000(	15.04512	4.351561	1.704	0.027373	0.052366	DSCAM	chr21	-	41382926	42219065	8552
ENSG0000(	0	3.037286	-2.8072	0.091979	0.15057	DNAI2	chr17	+	72270386	72311023	2475
ENSG0000(	0	9.430689	-4.8438	0.000142	0.000398	NMUR1	chr2	-	2.32E+08	2.32E+08	3298
ENSG0000(	4340.955	4101.908	0.081646	0.46493	0.5697	CLSTN1	chr1	-	9789084	9884584	5221
ENSG0000(	4528.825	3572.18	0.34156	0.035768	0.066467	CXXC5	chr5	+	1.39E+08	1.39E+08	2658
ENSG0000(	280.2347	471.4003	-0.74854	3.66E-08	1.48E-07	ZNF274	chr19	+	58694396	58724928	4852
ENSG0000(	570.4614	647.9255	-0.18293	0.5086	0.61204	PIK3CD	chr1	+	9711790	9789172	5483
ENSG0000(	0.36308	0	0.4146	0.81455	NA	PTCRA	chr6	+	42883727	42893573	1080
ENSG0000(	301.5536	388.2746	-0.3655	0.015458	0.03123	SLC25A33	chr1	+	9599541	9642831	1448
ENSG0000(	1530.44	411.1893	1.8952	8.83E-48	1.90E-46	ENC1	chr5	-	73923234	73937249	5517
ENSG0000(	783.7359	136.1317	2.5105	8.97E-24	8.93E-23	SPSB1	chr1	+	9352939	9429591	3120
ENSG0000(	1.068702	2.872193	-1.2472	0.33939	0.44332	P2RY6	chr11	+	72975550	73009662	2398
ENSG0000(	2381.449	3268.53	-0.45597	0.000309	0.000827	BPTF	chr17	+	65821640	65980494	11292
ENSG0000(	0.290301	1.280305	-1.2436	0.46304	NA	S100Z	chr5	+	76145826	76217475	1468
ENSG0000(	122.1263	544.5695	-2.1492	4.11E-23	3.99E-22	ZIK1	chr19	+	58089824	58105145	4181
ENSG0000(	2.926156	4.417959	-0.53578	0.63196	0.72107	GPR82	chrX	+	41583408	41589388	3349
ENSG0000(	12.86224	0	5.3052	1.52E-05	4.79E-05	RP11-443P	chr3	+	1.86E+08	1.86E+08	1789
ENSG0000(	4.264621	1.591889	1.2377	0.27794	0.37834	GPR34	chrX	+	41548226	41556526	1924
ENSG0000(	0	3.008147	-3.0982	0.042083	0.076635	SHANK2-AS	chr11	+	70708895	70711220	1683
ENSG0000(	1978.974	910.4233	1.1146	3.27E-06	1.11E-05	PLEKHG5	chr1	-	6526152	6580121	5221
ENSG0000(	1493.948	1860.866	-0.31624	0.043618	0.079012	ATF7IP	chr12	+	14518610	14651697	4847
ENSG0000(	11.55629	10.31287	0.14619	0.80878	0.86508	C20orf201	chr20	-	62714733	62715712	868
ENSG0000(	577.127	355.437	0.69602	0.0012	0.00294	RGS19	chr20	-	62704534	62711323	1593
ENSG0000(	651.6033	656.9288	-0.01207	0.95389	0.97138	TCEA2	chr20	+	62681189	62703700	2357
ENSG0000(	12.0761	169.7139	-3.8009	2.74E-32	3.82E-31	ANO5	chr11	+	22214722	22304903	6651
ENSG0000(	803.6957	966.7809	-0.2652	0.042832	0.077778	HDAC3	chr5	-	1.41E+08	1.41E+08	1959
ENSG0000(	8.350189	5.407697	0.6199	0.4027	0.50744	C1orf111	chr1	-	1.62E+08	1.62E+08	1189
ENSG0000(	180.5868	198.0397	-0.12947	0.55656	0.65568	GPHN	chr14	+	66974125	67648520	4297
ENSG0000(	3463.169	318.7988	3.4149	2.08E-27	2.40E-26	VAT1L	chr16	+	77822427	78014004	3825
ENSG0000(	215.3689	207.5043	0.052049	0.81516	0.87031	TMEM51	chr1	+	15479028	15546976	1942
ENSG0000(	663.7285	818.6612	-0.30267	0.042283	0.076953	CAMTA1	chr1	+	6845384	7829766	8444
ENSG0000(	0.290301	0.686276	-0.47648	0.78935	NA	LGALS4	chr19	-	39292311	39304004	1535
ENSG0000(	47.77	156.8835	-1.7079	1.76E-10	8.57E-10	LRRC34	chr3	-	1.7E+08	1.7E+08	3787
ENSG0000(	0.36308	21.96506	-5.2344	2.94E-06	1.00E-05	PAH	chr12	-	1.03E+08	1.03E+08	4122
ENSG0000(	193.2744	304.3284	-0.65205	0.001056	0.002608	SPATA5L1	chr15	+	45694529	45713617	2570
ENSG0000(	14.77356	149.1353	-3.3214	2.52E-22	2.36E-21	GATM	chr15	-	45653322	45694525	3911
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	SYCE1	chr10	-	1.35E+08	1.35E+08	2479
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	NXNL1	chr19	-	17566234	17571763	946
ENSG0000(	5.726313	26.66472	-2.1697	0.000524	0.001356	RASGRP4	chr19	-	38899695	38916945	3313
ENSG0000(	5.955001	13.67543	-1.159	0.071439	0.12122	NHLH1	chr1	+	1.6E+08	1.6E+08	2563
ENSG0000(	35.45584	69.27721	-0.95888	0.001852	0.004404	SLFNL1	chr1	-	41481269	41488909	4310
ENSG0000(	222.9064	73.53988	1.5906	2.95E-10	1.42E-09	BCL2	chr18	-	60790579	60987361	7461
ENSG0000(	441.8709	626.3169	-0.50266	2.85E-05	8.65E-05	RHNO1	chr12	+	2985424	2998626	1870
ENSG0000(	1001.223	1216.821	-0.28026	0.15272	0.23054	CTPS1	chr1	+	41445007	41478235	3199
ENSG0000(	0	5992.248	-13.492	1.18E-37	1.94E-36	UTF1	chr10	+	1.35E+08	1.35E+08	1157

ENSG0000(	3.713929	802.084	-7.626	2.08E-53	5.22E-52	KNDC1	chr10	+	1.35E+08	1.35E+08	6793
ENSG0000(	0	1.280305	-1.6305	0.35731	NA	WDR87	chr19	-	38375463	38397317	9009
ENSG0000(	53.58466	93.13595	-0.79477	0.003872	0.008766	METTL18	chr1	-	1.7E+08	1.7E+08	1521
ENSG0000(	16.04104	21.82911	-0.4404	0.39453	0.49904	TTC40	chr10	-	1.35E+08	1.35E+08	8278
ENSG0000(	1731.415	87.1896	4.2791	2.19E-50	5.06E-49	COL8A2	chr1	-	36560837	36590821	4670
ENSG0000(	328.2114	650.1975	-0.97944	0.001151	0.002829	PWWP2B	chr10	+	1.34E+08	1.34E+08	2651
ENSG0000(	0	3.633731	-3.4088	0.020168	0.039758	PCDHB1	chr5	+	1.4E+08	1.4E+08	2534
ENSG0000(	4.169512	3.380424	0.29497	0.76933	0.83346	ZNF540	chr19	+	38042308	38104998	3147
ENSG0000(	3.22583	2.012704	0.59937	0.62209	0.71249	ANGPTL7	chr1	+	11249398	11256038	2238
ENSG0000(	646.6624	506.3448	0.35305	0.002812	0.006512	FBXL14	chr12	-	1675159	1703331	2111
ENSG0000(	868.7364	806.3398	0.10745	0.4748	0.5793	EXOSC10	chr1	-	11126675	11159938	3334
ENSG0000(	68.89254	51.12232	0.42921	0.11871	0.18719	ZNF570	chr19	+	37958487	37976260	2247
ENSG0000(	140.5315	7.53937	4.2038	1.11E-25	1.19E-24	NINJ2	chr12	-	673462	772945	1252
ENSG0000(	273.6129	160.5883	0.76865	1.89E-05	5.88E-05	MLLT3	chr9	-	20341663	20622542	6772
ENSG0000(	5.447177	13.27248	-1.2397	0.11139	0.17702	FAM90A1	chr12	-	8373856	8380214	2513
ENSG0000(	2961.429	2974.18	-0.00607	0.98073	0.98936	RRM2	chr2	+	10262455	10271545	3673
ENSG0000(	1626.44	1161.454	0.48551	2.80E-06	9.56E-06	TRAPPC12	chr2	+	3383446	3488865	3401
ENSG0000(	3303.297	4993.005	-0.59523	4.86E-09	2.11E-08	RPS21	chr20	+	60962172	60963576	1002
ENSG0000(	236.0991	0	9.2911	5.25E-18	4.03E-17	C3AR1	chr12	-	8210898	8219067	2088
ENSG0000(	288.1738	460.352	-0.67318	0.000469	0.001223	RNMTL1	chr17	+	685513	695749	1809
ENSG0000(	1763.018	812.2885	1.1176	6.65E-24	6.65E-23	PTEN	chr10	+	89622870	89731687	9027
ENSG0000(	4919.295	7796.21	-0.66366	4.47E-12	2.42E-11	RPS7	chr2	+	3622795	3628509	5429
ENSG0000(	16.46232	0.686276	4.1735	4.45E-05	0.000132	PRND	chr20	+	4702556	4709106	3980
ENSG0000(	505.7476	627.9257	-0.31138	0.11286	0.17913	RNASEH1	chr2	-	3592383	3606206	2120
ENSG0000(	2916.493	288.5408	3.3325	5.95E-124	4.95E-122	PRNP	chr20	+	4666882	4682236	2657
ENSG0000(	4.532592	0.686276	2.2982	0.077953	0.1306	KLF17	chr1	+	44584522	44600812	3131
ENSG0000(	85.59552	4.928605	4.043	4.61E-19	3.70E-18	ADRA1D	chr20	-	4201329	4229721	2677
ENSG0000(	401.8842	281.7101	0.50969	0.012202	0.025193	FRMD5	chr15	-	44162962	44487450	5011
ENSG0000(	0	34.0956	-6.6741	5.00E-09	2.17E-08	AQP4	chr18	-	24432002	24445782	5274
ENSG0000(	128.2559	0.937167	6.6592	5.99E-19	4.79E-18	MIR31HG	chr9	-	21455641	21559668	745
ENSG0000(	1.628766	0.297015	1.6275	0.30182	0.40306	CYP4F11	chr19	-	16023182	16045677	2872
ENSG0000(	923.441	755.5208	0.28957	0.006239	0.013642	TLN2	chr15	+	62682725	63136830	11880
ENSG0000(	0.705622	0	0.8807	0.6196	NA	LGALS9C	chr17	+	18380051	18398259	2947
ENSG0000(	544.1586	300.5474	0.8552	1.92E-07	7.31E-07	TVP23B	chr17	+	18684308	18710027	3298
ENSG0000(	0.36308	0.891044	-0.73478	0.67953	NA	FBXW10	chr17	+	18647326	18682662	3456
ENSG0000(	1284.258	1608.937	-0.32441	0.074561	0.12585	ZNF217	chr20	-	52183604	52226446	5796
ENSG0000(	119.6161	62.86602	0.92049	0.000384	0.001011	SRGAP2C	chr1	+	1.21E+08	1.21E+08	969
ENSG0000(	1369.278	15.2406	6.4529	3.85E-124	3.23E-122	SCG2	chr2	-	2.24E+08	2.24E+08	2576
ENSG0000(	340.2312	302.1871	0.17312	0.26203	0.36017	ATPAF2	chr17	-	17880723	17942523	1737
ENSG0000(	0	40.6024	-6.8549	4.07E-09	1.78E-08	CYP4F22	chr19	+	15619304	15663127	2640
ENSG0000(	0	606.7209	-10.282	1.06E-18	8.36E-18	FOXB1	chr15	+	60296421	60353929	1672
ENSG0000(	332.9536	502.6619	-0.59164	0.000596	0.001529	PPIH	chr1	+	43124096	43142429	1311
ENSG0000(	61.04422	30.62044	0.97963	0.007265	0.015662	LRRC48	chr17	+	17876127	17920203	5805
ENSG0000(	14.89435	66.05866	-2.0964	3.98E-07	1.48E-06	ZNF57	chr19	+	2900896	2918474	2003
ENSG0000(	37.89569	46.8136	-0.29454	0.36994	0.47445	C20orf196	chr20	+	5731039	5844558	1154
ENSG0000(	1500.419	1891.332	-0.3318	0.21559	0.30666	JMJD1C	chr10	-	64926981	65225722	8666
ENSG0000(	4.015395	1.98115	0.91413	0.38444	0.48864	LDHAL6B	chr15	+	59499042	59500705	1664
ENSG0000(	3072.841	102.1008	4.8934	4.68E-177	7.83E-175	SYNPO	chr5	+	1.5E+08	1.5E+08	7063
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	MAL	chr2	+	95691422	95719737	1108
ENSG0000(	108.94	134.6431	-0.30412	0.17225	0.25484	ZNF554	chr19	+	2819872	2835771	4029
ENSG0000(	179.9147	194.0608	-0.10859	0.53635	0.63736	RAB33B	chr4	+	1.4E+08	1.4E+08	4562
ENSG0000(	1502.811	2389.796	-0.66826	2.56E-08	1.05E-07	THOP1	chr19	+	2785458	2813599	2977
ENSG0000(	1192.639	341.1057	1.8007	1.61E-17	1.21E-16	GAP43	chr3	+	1.15E+08	1.15E+08	1901
ENSG0000(	74.37239	20.20734	1.842	1.22E-06	4.32E-06	EPHX4	chr1	+	92495539	92529093	1437
ENSG0000(	4392	1237.011	1.8255	2.49E-48	5.46E-47	LAMB2	chr3	-	49158547	49170551	5674
ENSG0000(	1243.843	1923.639	-0.62832	1.65E-09	7.46E-09	USP19	chr3	-	49145479	49158371	4719
ENSG0000(	3429.54	4865.748	-0.50413	1.83E-07	6.97E-07	QARS	chr3	-	49133365	49142553	2763
ENSG0000(	937.9493	1056.803	-0.17149	0.29095	0.3927	ORMDL3	chr17	-	38077294	38083854	2230
ENSG0000(	0.342542	0	0.4146	0.81455	NA	SERF1A	chr5	+	70196492	70214357	1889
ENSG0000(	250.3321	322.3906	-0.36628	0.018065	0.036002	KLF11	chr2	+	10182976	10194963	4033
ENSG0000(	575.6207	0.343138	9.6785	2.66E-25	2.81E-24	LRRC15	chr3	-	1.94E+08	1.94E+08	5883
ENSG0000(	119.6343	218.6071	-0.86397	0.000293	0.000786	SMN1	chr5	+	70220768	70249769	1550
ENSG0000(	318.7762	271.1395	0.23245	0.10826	0.17265	EIF2AK3	chr2	-	88856259	88927094	4646
ENSG0000(	0	5.938617	-4.0204	0.005231	0.011612	TEX37	chr2	+	88824169	88829102	795
ENSG0000(	1055.929	207.7817	2.338	5.09E-47	1.07E-45	MOB3A	chr19	-	2071037	2096672	3391

ENSG0000(	323.2342	120.076	1.4213	1.17E-10	5.76E-10	KRCC1	chr2	-	88326724	88355248	1753
ENSG0000(	328.6132	243.2617	0.43456	0.002911	0.006723	NME6	chr3	-	48334754	48343175	2004
ENSG0000(	2200.794	3287.7	-0.57762	0.000442	0.001159	CYCS	chr7	-	25159710	25164980	4098
ENSG0000(	0	5.407697	-3.9989	0.00387	0.008761	CD8B	chr2	-	87042462	87089047	1417
ENSG0000(	62.37168	76.31963	-0.28903	0.31901	0.42192	SLFN12	chr17	-	33738079	33760302	2539
ENSG0000(	21.58928	33.32104	-0.6118	0.14048	0.21439	CALB2	chr16	+	71392616	71424341	1466
ENSG0000(	18.97315	6.001726	1.623	0.008006	0.017109	SLC9C1	chr3	-	1.12E+08	1.12E+08	4172
ENSG0000(	7.645381	0	4.5361	0.000509	0.001322	CCL11	chr17	+	32612687	32615353	1079
ENSG0000(	14.40788	10.88662	0.39425	0.48877	0.59282	FRMD3	chr9	-	85857905	86153461	5297
ENSG0000(	686.5128	275.3157	1.3147	2.89E-21	2.58E-20	SNTB1	chr8	-	1.22E+08	1.22E+08	5164
ENSG0000(	152.0233	153.0319	-0.00899	0.96371	0.9787	MTBP	chr8	+	1.21E+08	1.22E+08	3375
ENSG0000(	112.1781	144.8894	-0.36196	0.16333	0.24388	TEFM	chr17	-	29224354	29233838	2109
ENSG0000(	365.5969	419.5936	-0.19701	0.28006	0.38091	MRPL13	chr8	-	1.21E+08	1.21E+08	2368
ENSG0000(	970.0149	209.4754	2.2069	4.15E-43	7.93E-42	MALT1	chr18	+	56338618	56417371	5030
ENSG0000(	90.34645	47.9192	0.90205	0.000906	0.002262	ISG20	chr15	+	89179384	89199714	5634
ENSG0000(	123.7404	316.4578	-1.3505	2.17E-13	1.28E-12	MBOAT1	chr6	-	20100935	20212670	3219
ENSG0000(	306.6155	108.3255	1.4874	1.20E-05	3.83E-05	ID4	chr6	+	19837617	19840915	2344
ENSG0000(	1.8154	1.66715	0.07511	0.96199	0.97747	GPR22	chr7	+	1.07E+08	1.07E+08	2936
ENSG0000(	4.088174	4.273883	-0.07738	0.93245	0.95568	CXCR6	chr3	+	45982425	45989845	2805
ENSG0000(	247.2647	429.3882	-0.79363	0.00066	0.001683	CEBPB	chr20	+	48807376	48809212	1837
ENSG0000(	2.032922	25.26062	-3.4341	5.86E-05	0.000172	AZU1	chr19	+	825097	832017	1713
ENSG0000(	0	1.684135	-2.1921	0.19067	NA	TPSAB1	chr16	+	1290697	1292555	1357
ENSG0000(	0	8.284722	-4.5222	0.001018	0.00252	ATOH1	chr4	+	94750042	94751221	1180
ENSG0000(	1557.904	1454.712	0.098507	0.42617	0.53156	PAIP1	chr5	-	43526369	43557860	2782
ENSG0000(	6.193061	1.638012	1.7596	0.069179	0.11793	CLEC7A	chr12	-	10269376	10282857	3725
ENSG0000(	60.51146	82.59519	-0.45245	0.18158	0.26632	C5orf34	chr5	-	43486803	43515247	2507
ENSG0000(	8.744158	176.9291	-4.2243	7.46E-19	5.93E-18	C1QTNF4	chr11	-	47611216	47616211	1664
ENSG0000(	18.80608	27.81223	-0.55295	0.20081	0.28951	SERHL	chr22	+	42896585	42908566	1712
ENSG0000(	520.0434	108.002	2.2633	2.52E-47	5.34E-46	NEGR1	chr1	-	71868625	72748417	5809
ENSG0000(	399.6821	513.1075	-0.35918	0.036357	0.067412	ZNF131	chr5	+	43065278	43192123	3340
ENSG0000(	4.99934	14.051	-1.4006	0.054337	0.095601	MACROD2	chr20	+	13976015	16033842	4994
ENSG0000(	781.9708	699.7392	0.16077	0.17718	0.26079	DPAGT1	chr11	-	1.19E+08	1.19E+08	3274
ENSG0000(	5148.465	10557.74	-1.0347	3.48E-16	2.43E-15	BSG	chr19	+	571297	583493	2143
ENSG0000(	249.0228	430.1035	-0.78706	1.81E-08	7.50E-08	HINFP	chr11	+	1.19E+08	1.19E+08	3486
ENSG0000(	503.7278	236.8628	1.0853	1.63E-13	9.71E-13	CERS6	chr2	+	1.69E+08	1.7E+08	7214
ENSG0000(	73.6213	9.099704	2.9896	2.73E-12	1.50E-11	SPTLC3	chr20	+	12989627	13147411	3830
ENSG0000(	630.3539	520.7875	0.27585	0.02817	0.053692	COPRS	chr17	-	30178883	30186356	1062
ENSG0000(	339.4678	363.7313	-0.0985	0.65508	0.73998	TP53RK	chr20	-	45313004	45318418	3515
ENSG0000(	16.59752	65.89591	-1.9673	1.78E-06	6.21E-06	B3GALT1	chr2	+	1.69E+08	1.69E+08	2168
ENSG0000(	2.572449	0	2.8674	0.066043	0.11336	CLEC12A	chr12	+	10103915	10148293	1681
ENSG0000(	294.9501	240.1565	0.29578	0.04092	0.074817	BPGM	chr7	+	1.34E+08	1.34E+08	2051
ENSG0000(	706.8242	1393.799	-0.97734	1.68E-13	1.00E-12	POP7	chr7	+	1E+08	1E+08	927
ENSG0000(	56.46452	12.35471	2.1537	3.19E-08	1.30E-07	ALG14	chr1	-	95448297	95538501	1033
ENSG0000(	787.8415	821.1673	-0.0605	0.68761	0.76711	SUCLG2	chr3	-	67410884	67705038	2352
ENSG0000(	156.295	27.12757	2.5117	1.52E-17	1.14E-16	STARD5	chr15	-	81601394	81616524	4871
ENSG0000(	347.3857	7.849338	5.3999	5.57E-51	1.31E-49	CSDC2	chr22	+	41956767	41973745	2777
ENSG0000(	65.509	82.2373	-0.32869	0.22492	0.31753	RCAN2	chr6	-	46188475	46459709	3327
ENSG0000(	38.09088	1.698704	4.3256	1.25E-09	5.72E-09	IL16	chr15	+	81451916	81605104	8321
ENSG0000(	18.8095	39.21695	-1.0411	0.070239	0.11954	ABCG4	chr11	+	1.19E+08	1.19E+08	3849
ENSG0000(	5203.288	3067.179	0.7617	9.54E-10	4.41E-09	GNB2	chr7	+	1E+08	1E+08	1878
ENSG0000(	9.990934	4.035145	1.2431	0.12419	0.1943	CCDC11	chr18	-	47753563	47792892	1851
ENSG0000(	152.4627	448.9097	-1.5552	1.15E-15	7.79E-15	FAM195A	chr16	+	691813	698474	1728
ENSG0000(	0.653381	3.570622	-1.9519	0.16856	0.25027	PDZD3	chr11	+	1.19E+08	1.19E+08	2996
ENSG0000(	220.9573	66.47061	1.7272	2.09E-17	1.56E-16	C2CD2L	chr11	+	1.19E+08	1.19E+08	5931
ENSG0000(	373.3877	305.7239	0.29002	0.046572	0.083636	ARNT2	chr15	+	80696692	80890278	6690
ENSG0000(	2728.515	741.9113	1.8758	1.06E-62	3.29E-61	GNG12	chr1	-	68167149	68299150	4404
ENSG0000(	17.70909	60.74663	-1.7535	0.000284	0.000763	PRSS27	chr16	-	2762419	2770552	3579
ENSG0000(	2.551911	0.686276	1.5235	0.28955	0.39111	MYOZ2	chr4	+	1.2E+08	1.2E+08	2597
ENSG0000(	857.7979	10.80807	6.0662	1.72E-18	1.35E-17	SYNPO2	chr4	+	1.2E+08	1.2E+08	7295
ENSG0000(	1.608228	3.38284	-0.917	0.43988	0.54561	DNAJB7	chr22	-	41255553	41258130	2578
ENSG0000(	268.6681	469.2875	-0.80301	1.67E-05	5.24E-05	CLP1	chr11	+	57416465	57429340	2435
ENSG0000(	0.72616	0	0.85004	0.63064	NA	INSL5	chr1	-	67263424	67266939	715
ENSG0000(	1.027626	0.357707	0.84252	0.63507	NA	TTC36	chr11	+	1.18E+08	1.18E+08	1009
ENSG0000(	24.05464	18.56765	0.37714	0.42762	0.53297	RSPH9	chr6	+	43612783	43640336	2586
ENSG0000(	862.2311	667.6503	0.36882	0.021042	0.04131	MYEOV2	chr2	-	2.41E+08	2.41E+08	922

ENSG0000(	1382.142	974.301	0.50379	0.000995	0.002468	GTPBP2	chr6	-	43573053	43596899	2933
ENSG0000(	103.9727	136.4714	-0.38734	0.10625	0.16997	FGGY	chr1	+	59762310	60233347	2485
ENSG0000(	382.5889	98.27125	1.9459	8.57E-14	5.19E-13	IL17D	chr13	+	21276266	21297237	1861
ENSG0000(	0.685084	0	0.85004	0.63064	NA	PRSS30P	chr16	-	2889569	2892745	2881
ENSG0000(	0	30.35747	-6.5236	1.15E-08	4.86E-08	FUT9	chr6	+	96463860	96653420	2715
ENSG0000(	108.4692	28.28408	1.9214	1.47E-09	6.68E-09	TCEAL1	chrX	+	1.03E+08	1.03E+08	1201
ENSG0000(	1396.197	1322.384	0.078482	0.58124	0.67769	ZNF24	chr18	-	32912176	32925446	7419
ENSG0000(	255.7964	80.88811	1.6571	7.04E-17	5.12E-16	MANEA	chr6	+	96025419	96057333	4575
ENSG0000(	19.33786	21.24803	-0.14381	0.75782	0.82396	RAB40A	chrX	-	1.03E+08	1.03E+08	3126
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	C2orf54	chr2	-	2.42E+08	2.42E+08	2017
ENSG0000(	1313.063	1760.675	-0.42285	4.52E-05	0.000134	AFF1	chr4	+	87856154	88062206	9390
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	ACOT12	chr5	-	80625824	80689998	2086
ENSG0000(	1193.346	904.0169	0.401	0.001767	0.004217	FIBP	chr11	-	65651212	65656010	1378
ENSG0000(	31.34036	29.47542	0.082174	0.88416	0.91919	CARNS1	chr11	+	67182439	67193078	5065
ENSG0000(	398.9112	471.6726	-0.24023	0.25615	0.35352	BANP	chr16	+	87982850	88110924	2438
ENSG0000(	3099.227	3258.686	-0.0722	0.43797	0.54348	PPP1CA	chr11	-	67165654	67188654	1677
ENSG0000(	5543.625	6896.47	-0.3143	0.056661	0.099282	HCFC1	chrX	-	1.53E+08	1.53E+08	8869
ENSG0000(	4.854596	5.819648	-0.24939	0.75587	0.82246	CTSW	chr11	+	65647280	65651212	1341
ENSG0000(	45.82461	2.024857	4.3437	2.31E-10	1.12E-09	NIPAL4	chr5	+	1.57E+08	1.57E+08	3274
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	MUCL1	chr12	+	55224303	55252177	590
ENSG0000(	6.992	148.962	-4.3726	1.15E-29	1.45E-28	SNTG2	chr2	+	946554	1371385	1888
ENSG0000(	4.709852	3.397409	0.44234	0.62904	0.71871	FNDC9	chr5	-	1.57E+08	1.57E+08	2125
ENSG0000(	101.8489	63.58311	0.67409	0.007959	0.017017	PDE3A	chr12	+	20522179	20837315	7576
ENSG0000(	13.07202	63.50946	-2.2616	6.34E-08	2.51E-07	RASGRP1	chr15	-	38780304	38857776	5023
ENSG0000(	0.72616	3.336716	-1.8606	0.16881	0.25053	KLHL6	chr3	-	1.83E+08	1.83E+08	6298
ENSG0000(	450.1891	678.917	-0.59179	0.000223	0.000606	CHCHD1	chr10	+	75541805	75543410	1202
ENSG0000(	880.0683	836.0875	0.073596	0.52444	0.6266	MRPL52	chr14	+	23299088	23304246	2020
ENSG0000(	41.12331	13.55808	1.5903	0.00051	0.001323	SMPDL3A	chr6	+	1.23E+08	1.23E+08	1851
ENSG0000(	8.207237	50.70472	-2.5732	2.32E-07	8.79E-07	RND1	chr12	-	49250928	49259681	2136
ENSG0000(	185.6948	345.4539	-0.8959	1.23E-08	5.17E-08	RAD9A	chr11	+	67159176	67165881	2119
ENSG0000(	2396.463	125.6237	4.24	4.14E-102	2.45E-100	EFEMP2	chr11	-	65633912	65641063	2277
ENSG0000(	0	2.529055	-2.8037	0.077578	0.13005	OR10AD1	chr12	-	48596081	48597170	1090
ENSG0000(	3.008307	4.989297	-0.68599	0.44872	0.55412	AGAP5	chr10	-	75434033	75457639	2430
ENSG0000(	1.555988	0.343138	1.4615	0.37966	NA	C17orf66	chr17	-	34181955	34195895	2608
ENSG0000(	3768.121	4772.351	-0.34052	0.003934	0.008896	TAF15	chr17	+	34136459	34191619	2191
ENSG0000(	578.1861	394.0792	0.55266	8.57E-05	0.000246	FAM21C	chr10	+	46222648	46288409	4636
ENSG0000(	438.1947	419.8017	0.061978	0.77149	0.83544	TMEM134	chr11	-	67231824	67236743	1866
ENSG0000(	1813.028	493.9136	1.8614	1.74E-09	7.85E-09	ZMAT3	chr3	-	1.79E+08	1.79E+08	9406
ENSG0000(	94.629	141.9941	-0.58351	0.009355	0.019756	ZFAND4	chr10	-	46111043	46168228	3265
ENSG0000(	0.36308	0.654722	-0.52647	0.7643	NA	THEMIS	chr6	-	1.28E+08	1.28E+08	4101
ENSG0000(	0	1.606458	-1.9287	0.27074	NA	MOS	chr8	-	57025501	57026541	1041
ENSG0000(	214.8962	894.3864	-2.0538	4.55E-51	1.07E-49	ZNF738	chr19	+	21541732	21562104	2442
ENSG0000(	0.342542	0	0.4146	0.81455	NA	MS4A10	chr11	+	60552821	60568778	2296
ENSG0000(	1238.239	24.16555	5.6603	8.13E-155	9.99E-153	SLFN11	chr17	-	33677324	33700720	5030
ENSG0000(	0.653381	1.058552	-0.47534	0.76821	NA	FAM71D	chr14	+	67656110	67695267	2136
ENSG0000(	2654.741	1938.201	0.45299	0.001387	0.003366	CORO1B	chr11	-	67205519	67211292	1954
ENSG0000(	141.749	335.334	-1.2364	2.49E-06	8.57E-06	FUT10	chr8	-	33228342	33330940	3825
ENSG0000(	441.4734	770.2064	-0.80053	2.98E-05	9.05E-05	LRRC20	chr10	-	72058729	72142382	3414
ENSG0000(	542.0127	338.4852	0.67606	1.83E-06	6.39E-06	MUS81	chr11	+	65624597	65635124	3420
ENSG0000(	113.6963	95.6944	0.24458	0.39233	0.49669	PURG	chr8	-	30853321	30891231	2875
ENSG0000(	4.73039	8.167369	-0.74702	0.3639	0.46822	TMEM217	chr6	-	37179956	37225931	1546
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	OR4D9	chr11	+	59282386	59283330	945
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-344H	chr1	+	27306656	27307466	497
ENSG0000(	68.84983	51.12554	0.42856	0.13296	0.20544	ZNF596	chr8	+	182137	197342	2868
ENSG0000(	0.995923	2.38498	-1.0573	0.41273	0.51758	COL6A5	chr3	+	1.3E+08	1.3E+08	9226
ENSG0000(	10248.91	7291.996	0.49079	1.86E-06	6.49E-06	CFL1	chr11	-	65590493	65629497	1752
ENSG0000(	557.8228	361.3106	0.62454	0.000188	0.000517	TMCC1	chr3	-	1.29E+08	1.3E+08	5992
ENSG0000(	302.3994	416.2671	-0.46133	0.000722	0.00183	NAA16	chr13	+	41885341	41951166	4347
ENSG0000(	3.806432	5.880341	-0.57461	0.50244	0.60591	EFCAB12	chr3	-	1.29E+08	1.29E+08	5607
ENSG0000(	1070.748	1055.204	0.021301	0.83147	0.88117	FAM192A	chr16	-	57186378	57220028	2848
ENSG0000(	94.82696	98.40646	-0.05577	0.87039	0.90959	RAB43	chr3	-	1.29E+08	1.29E+08	4467
ENSG0000(	0	7.484382	-4.3436	0.002078	0.004903	FADS6	chr17	-	72873428	72889708	2100
ENSG0000(	151.0577	173.5294	-0.19829	0.42238	0.52781	CBWD1	chr9	-	121041	188979	3652
ENSG0000(	39.48338	1.029414	4.9748	2.53E-09	1.13E-08	HOXC5	chr12	+	54379629	54429145	1805
ENSG0000(	0.995923	115.7747	-6.4619	1.22E-15	8.26E-15	RAB37	chr17	+	72666717	72743474	3804

ENSG0000(	804.6828	2199.481	-1.4494	1.27E-36	2.03E-35	DCP2	chr5	+	1.12E+08	1.12E+08	8947
ENSG0000(	25.88284	15.43738	0.70782	0.23035	0.32371	SNX32	chr11	+	65601112	65624367	2416
ENSG0000(	3768.019	5837.543	-0.63054	5.82E-07	2.12E-06	RPL38	chr17	+	72199721	72206794	2450
ENSG0000(	2.479946	5.661004	-1.1101	0.28687	0.38848	CYP7B1	chr8	-	65500320	65711318	2202
ENSG0000(	0	147.033	-8.6348	3.63E-15	2.40E-14	OVOL1	chr11	+	65554493	65564690	3034
ENSG0000(	972.24	947.4924	0.036713	0.85561	0.89842	RARG	chr12	-	53604354	53626764	2959
ENSG0000(	27.01674	4.290868	2.5542	0.000119	0.000336	CES4A	chr16	+	67022492	67043661	3419
ENSG0000(	1.555988	46.57008	-4.6333	4.26E-11	2.17E-10	CES3	chr16	+	66995140	67009051	3834
ENSG0000(	287.6207	589.8413	-1.0327	1.21E-06	4.30E-06	SSH3	chr11	+	67070919	67080078	2990
ENSG0000(	906.367	425.7823	1.0875	3.94E-13	2.30E-12	CES2	chr16	+	66968347	66978999	3927
ENSG0000(	212.3782	317.9423	-0.58164	0.012634	0.026004	PDP2	chr16	+	66912492	66929657	4002
ENSG0000(	1104.387	1025.189	0.10766	0.48234	0.58662	SP3	chr2	-	1.75E+08	1.75E+08	6359
ENSG0000(	577.5022	508.7344	0.18325	0.16169	0.24192	DMXL1	chr5	+	1.18E+08	1.19E+08	11072
ENSG0000(	191.7545	74.57876	1.3543	7.79E-06	2.54E-05	METAP1D	chr2	+	1.73E+08	1.73E+08	3419
ENSG0000(	556.7967	428.3434	0.37804	0.002843	0.00658	ZNF621	chr3	+	40566369	40616176	6378
ENSG0000(	426.5277	1001.943	-1.2283	1.10E-11	5.82E-11	EGFL7	chr9	+	1.4E+08	1.4E+08	2125
ENSG0000(	875.4429	576.746	0.60243	4.35E-06	1.46E-05	NADSYN1	chr11	+	71164155	71235153	3616
ENSG0000(	5775.989	3388.235	0.76644	0.000847	0.002128	DHCR7	chr11	-	71139239	71163914	2666
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	AP002387.	chr11	-	71093647	71134469	2162
ENSG0000(	2.261609	1.073121	0.88871	0.53671	0.63767	AQPEP	chr5	+	1.15E+08	1.15E+08	4581
ENSG0000(	0.342542	0.686276	-0.48412	0.78604	NA	COX6B1P3	chr22	+	40965290	40965899	260
ENSG0000(	368.0559	422.2062	-0.19639	0.17148	0.25399	NBEA	chr13	+	35516424	36247159	11119
ENSG0000(	405.0051	291.9899	0.4726	0.009159	0.019384	RNASEH2C	chr11	-	65482367	65488418	2794
ENSG0000(	33.44948	12.64119	1.3709	0.00821	0.017516	MYEOV	chr11	+	69061605	69182494	2468
ENSG0000(	888.6756	409.3362	1.1136	1.16E-07	4.49E-07	ANKRD13D	chr11	+	67056018	67069956	2881
ENSG0000(	47.20154	73.56982	-0.63767	0.028522	0.054279	MRGPRF	chr11	-	68771863	68780877	2295
ENSG0000(	943.9568	462.3477	1.0282	4.66E-09	2.03E-08	MYD88	chr3	+	38179969	38184513	3314
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	MRGPRD	chr11	-	68747490	68748455	966
ENSG0000(	1206.87	1302.475	-0.11005	0.31559	0.41821	OXSR1	chr3	+	38206580	38296979	4553
ENSG0000(	4.253456	3.769685	0.18084	0.84597	0.89198	SLC22A13	chr3	+	38307303	38319806	2555
ENSG0000(	656.1533	817.4332	-0.31588	0.008247	0.017587	PHF8	chrX	-	53963109	54075391	6062
ENSG0000(	154.9308	167.9083	-0.11415	0.52897	0.63046	LCLAT1	chr2	+	30670092	30867091	5060
ENSG0000(	2.718006	7.613016	-1.3951	0.13227	0.2047	ADH6	chr4	-	1E+08	1E+08	3337
ENSG0000(	486.7465	10.9643	5.4378	8.31E-73	3.13E-71	AC068491.	chr2	-	1.12E+08	1.12E+08	1587
ENSG0000(	4.741555	3.039702	0.59313	0.52771	0.62939	FRG2C	chr3	+	75713481	75716371	2078
ENSG0000(	6.815553	0.891044	2.4676	0.038952	0.07168	UNC93B3	chr3	-	75668657	75673000	687
ENSG0000(	26.13646	44.79041	-0.77425	0.060228	0.10476	AC007318.	chr2	+	65432137	65433396	1260
ENSG0000(	280.2253	343.4942	-0.29202	0.10758	0.1718	KAT5	chr11	+	65479467	65487075	2296
ENSG0000(	1365.388	37.8685	5.1535	1.90E-157	2.43E-155	SH3RF3	chr2	+	1.1E+08	1.1E+08	3128
ENSG0000(	811.1368	80.21493	3.3239	1.48E-47	3.17E-46	GXYLT2	chr3	+	72937224	73047289	3260
ENSG0000(	1.286224	2.757256	-0.92327	0.44839	0.55386	HPSE2	chr10	-	1E+08	1.01E+08	2295
ENSG0000(	664.0167	993.0477	-0.57903	0.002217	0.005208	DCAKD	chr17	-	43100708	43138473	2045
ENSG0000(	13.63127	0	5.393	9.16E-06	2.95E-05	ARPP21	chr3	+	35680437	35835988	3433
ENSG0000(	512.8007	429.5629	0.25626	0.038545	0.071034	TADA2B	chr4	+	7043626	7058368	3818
ENSG0000(	54.27309	5.677989	3.1889	3.17E-09	1.40E-08	CCDC96	chr4	-	7042579	7044728	2150
ENSG0000(	2512.106	2459.162	0.030507	0.81858	0.87259	ADRBK1	chr11	+	67033881	67054027	4493
ENSG0000(	1617.507	483.1877	1.7414	9.93E-43	1.87E-41	RELA	chr11	-	65421067	65430565	3183
ENSG0000(	262.7762	147.8266	0.82802	5.40E-05	0.000159	EVC2	chr4	-	5544499	5711275	4828
ENSG0000(	73.17867	218.5805	-1.5693	7.90E-13	4.52E-12	ZNF680	chr7	-	63980262	64023484	3022
ENSG0000(	1676.316	963.3486	0.79748	6.04E-08	2.40E-07	HECTD4	chr12	-	1.13E+08	1.13E+08	15405
ENSG0000(	492.5073	2226.298	-2.1729	3.61E-62	1.11E-60	FAM222B	chr17	-	27082996	27182250	4197
ENSG0000(	2033.789	562.9876	1.8503	6.02E-41	1.08E-39	BNC2	chr9	-	16409501	16870841	12844
ENSG0000(	3.008307	6.162786	-0.98424	0.2631	0.36125	1-Dec	chr9	+	1.18E+08	1.18E+08	2656
ENSG0000(	5.601294	1.355566	1.8626	0.077209	0.12962	RXFP4	chr1	+	1.56E+08	1.56E+08	1146
ENSG0000(	17.62434	32.66236	-0.87157	0.06032	0.1049	HPSE	chr4	-	84213614	84256306	4652
ENSG0000(	188.6166	239.3479	-0.34263	0.054087	0.095256	COQ2	chr4	-	84182689	84206067	1641
ENSG0000(	1.628766	1.744828	-0.05897	0.96454	0.97938	C10orf131	chr10	+	97667360	97698480	1241
ENSG0000(	0	10.86722	-5.0431	6.30E-05	0.000184	CCDC63	chr12	+	1.11E+08	1.11E+08	1993
ENSG0000(	5.60048	0.357707	3.2649	0.016138	0.032474	HSPA6	chr1	+	1.61E+08	1.61E+08	2646
ENSG0000(	1854.1	2591.703	-0.48252	0.000299	0.0008	TRMT112	chr11	-	64083932	64085556	1106
ENSG0000(	230.4987	5.50236	5.3513	3.27E-35	4.99E-34	LRRN3	chr7	+	1.11E+08	1.11E+08	3725
ENSG0000(	2127.738	1573.259	0.43498	0.006261	0.013681	KDM2A	chr11	+	66886740	67025141	6511
ENSG0000(	0	10.71911	-5.0315	6.42E-05	0.000187	C10orf129	chr10	+	96953957	96988685	2307
ENSG0000(	215.5802	183.9772	0.22677	0.31225	0.41432	ADCK5	chr8	+	1.46E+08	1.46E+08	2027
ENSG0000(	531.6921	761.4375	-0.51734	6.95E-05	0.000202	MRP63	chr13	+	21750784	21753223	2246

ENSG0000(	304.5335	322.4573	-0.08168	0.65848	0.74269	NOC3L	chr10	-	96075004	96122716	3455
ENSG0000(	639.5286	1189.239	-0.8926	3.07E-07	1.15E-06	ESRRA	chr11	+	64073044	64084215	2283
ENSG0000(	417.2683	197.9983	1.0702	1.35E-06	4.76E-06	RHOD	chr11	+	66824289	66839484	1129
ENSG0000(	197.4396	111.0732	0.82977	6.40E-05	0.000187	ADAMTS20	chr12	-	43747669	43945724	6076
ENSG0000(	414.8533	222.9646	0.89584	6.51E-10	3.05E-09	COMMD1	chr2	+	62115859	62374382	911
ENSG0000(	554.2254	226.1098	1.2894	3.43E-16	2.40E-15	RAPH1	chr2	-	2.04E+08	2.04E+08	9808
ENSG0000(	426.539	431.3945	-0.01734	0.89376	0.92637	MTX1	chr1	+	1.55E+08	1.55E+08	2579
ENSG0000(	37.97784	525.9281	-3.775	6.64E-74	2.55E-72	ADCY5	chr3	-	1.23E+08	1.23E+08	7311
ENSG0000(	624.7284	420.5905	0.56907	6.64E-05	0.000193	PARP14	chr3	+	1.22E+08	1.22E+08	8437
ENSG0000(	0	1.029414	-1.1526	0.51496	NA	CYSLTR1	chrX	-	77526961	77583048	3034
ENSG0000(	1.265686	5.989573	-1.9704	0.074011	0.12508	PARP15	chr3	+	1.22E+08	1.22E+08	4439
ENSG0000(	1138.448	2653.152	-1.2194	5.72E-31	7.58E-30	CKS1B	chr1	+	1.55E+08	1.55E+08	1166
ENSG0000(	0.342542	0.640152	-0.50911	0.77219	NA	ABCD2	chr12	-	39943835	40013553	6238
ENSG0000(	519.6939	397.7534	0.38312	0.044948	0.081006	AHSA2	chr2	+	61404553	61414686	2922
ENSG0000(	67.08056	5.522634	3.52	3.45E-14	2.14E-13	ABLIM3	chr5	+	1.49E+08	1.49E+08	4569
ENSG0000(	0.36308	0	0.4146	0.81455	NA	MAB21L3	chr1	+	1.17E+08	1.17E+08	3229
ENSG0000(	0.342542	21.78386	-5.0892	2.37E-05	7.27E-05	RP11-683L	chr18	-	47225	73545	1931
ENSG0000(	237.8726	192.484	0.30486	0.16901	0.25072	KIAA1919	chr6	+	1.12E+08	1.12E+08	5958
ENSG0000(	815.743	533.2215	0.61257	2.38E-08	9.77E-08	VANGL1	chr1	+	1.16E+08	1.16E+08	8691
ENSG0000(	932.0387	208.7196	2.1533	1.10E-55	2.88E-54	GLRX	chr5	-	95087023	95158709	3407
ENSG0000(	508.321	847.9788	-0.73777	1.10E-10	5.44E-10	IQCB1	chr3	-	1.21E+08	1.22E+08	2594
ENSG0000(	49.43145	405.8859	-3.0052	1.15E-16	8.25E-16	SYT12	chr11	+	66774249	66818334	6028
ENSG0000(	3238.369	966.8605	1.7311	2.85E-08	1.16E-07	GOLGB1	chr3	-	1.21E+08	1.21E+08	11198
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	TERF1P1	chr21	+	15148407	15149587	1181
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	C11orf86	chr11	+	66742748	66744475	1187
ENSG0000(	0.705622	0.594029	0.11178	0.94848	NA	LIPM	chr10	+	90562487	90580303	1452
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	GPR151	chr5	-	1.46E+08	1.46E+08	3088
ENSG0000(	85.27531	0.700845	6.5073	3.74E-14	2.31E-13	DMRT2	chr9	+	1050354	1057552	2459
ENSG0000(	16.94088	219.3651	-3.6832	1.05E-27	1.23E-26	ZNF483	chr9	+	1.14E+08	1.14E+08	3655
ENSG0000(	3.547834	5.595479	-0.58609	0.58226	0.67848	PLAC8L1	chr5	-	1.45E+08	1.45E+08	638
ENSG0000(	1.068702	32.98764	-4.7229	1.86E-08	7.71E-08	SLC2A14	chr12	-	7965108	8043744	4125
ENSG0000(	516.2366	613.1808	-0.24651	0.10937	0.17413	GPR137	chr11	+	64037534	64056972	1843
ENSG0000(	5.984912	46.57653	-2.9059	1.81E-08	7.51E-08	SNCG	chr10	+	88718375	88723017	794
ENSG0000(	6.556141	35.52078	-2.3884	2.49E-06	8.56E-06	MMRN2	chr10	-	88695297	88729238	4127
ENSG0000(	1136.282	1246.319	-0.13361	0.30251	0.40375	MZT2A	chr2	-	1.32E+08	1.32E+08	2826
ENSG0000(	2061.023	1185.543	0.79632	6.28E-07	2.28E-06	TNKS	chr8	+	9413424	9639856	9620
ENSG0000(	158.7296	68.12641	1.2108	2.89E-07	1.08E-06	ZNF449	chrX	+	1.34E+08	1.34E+08	3773
ENSG0000(	221.3204	313.8795	-0.50268	0.022397	0.043718	ZBTB21	chr21	-	43406940	43430496	7449
ENSG0000(	454.1786	501.4606	-0.14294	0.37965	0.48369	PPP1R3B	chr8	-	8993765	9009084	5548
ENSG0000(	12.29362	81.51376	-2.7081	8.92E-14	5.39E-13	FAM86B3P	chr8	+	8086117	8102387	2829
ENSG0000(	32.21387	1430.34	-5.4556	1.56E-119	1.22E-117	STOX2	chr4	+	1.85E+08	1.85E+08	10458
ENSG0000(	1295.667	1625.566	-0.32663	0.068163	0.11644	MAP3K11	chr11	-	65365226	65382853	5605
ENSG0000(	1216.528	991.6737	0.29531	0.03628	0.067275	TRIB1	chr8	+	1.26E+08	1.26E+08	3635
ENSG0000(	2.229907	12.24789	-2.2966	0.005746	0.012639	KCNK7	chr11	-	65360326	65363467	1563
ENSG0000(	0.36308	0	0.4146	0.81455	NA	C1QB	chr1	+	22979255	22988031	1254
ENSG0000(	0.705622	0	0.8807	0.6196	NA	C1QA	chr1	+	22962999	22966101	1143
ENSG0000(	32.58633	46.03762	-0.49933	0.20269	0.29151	NDNF	chr4	-	1.22E+08	1.22E+08	2885
ENSG0000(	1.722083	1.188058	0.36823	0.80592	0.86274	IQCF1	chr3	-	51928892	51937351	745
ENSG0000(	4.657611	3.9623	0.21139	0.81452	0.86978	GLIPR1L1	chr12	+	75728419	75764340	1132
ENSG0000(	2611.425	3958.72	-0.5997	8.51E-10	3.95E-09	DAG1	chr3	+	49506146	49573048	5826
ENSG0000(	0	239.3199	-9.3033	6.56E-18	5.01E-17	INSM1	chr20	+	20348765	20351590	2826
ENSG0000(	25.02489	267.8753	-3.4064	1.67E-32	2.34E-31	DAB1	chr1	-	57460451	59012406	5298
ENSG0000(	139.7394	138.6246	0.012208	0.96306	0.97831	ARV1	chr1	+	2.31E+08	2.31E+08	1335
ENSG0000(	804.5505	413.7169	0.95692	2.19E-09	9.78E-09	NAA20	chr20	+	19997760	20014299	1604
ENSG0000(	0.943682	1.309443	-0.34533	0.8211	0.87421	CCDC36	chr3	+	49235861	49295537	2843
ENSG0000(	3.76617	0.343138	2.7163	0.054678	0.09611	SAA1	chr11	+	18287721	18291524	675
ENSG0000(	51.04049	50.6723	0.010651	0.9739	0.98544	MINOS1	chr1	+	19923477	19956314	3712
ENSG0000(	1713.894	150.5607	3.4913	1.15E-61	3.47E-60	EHBP1L1	chr11	+	65343509	65360121	5185
ENSG0000(	111.3517	63.58398	0.79918	0.010811	0.022559	THAP2	chr12	+	72056789	72074419	5719
ENSG0000(	28.03059	0.654722	4.9565	1.30E-07	5.01E-07	TMEM196	chr7	-	19758933	19813221	4054
ENSG0000(	1075.67	2064.709	-0.93962	1.20E-16	8.59E-16	RNF26	chr11	+	1.19E+08	1.19E+08	2787
ENSG0000(	5076.147	6507.993	-0.35827	0.00021	0.000572	PPP1R14B	chr11	-	64011956	64014413	982
ENSG0000(	391.7112	606.2909	-0.62942	4.41E-06	1.48E-05	SSSCA1	chr11	+	65337901	65341413	1077
ENSG0000(	4551.945	7575.731	-0.73422	1.65E-13	9.82E-13	SMARCC1	chr3	-	47626762	47823596	6375
ENSG0000(	152.5622	186.5746	-0.28989	0.15026	0.22747	ZNF417	chr19	-	58411664	58427978	3597

ENSG0000(	924.5359	338.7312	1.4453	6.03E-19	4.82E-18	PTPRM	chr18	+	7566780	8406859	6095
ENSG0000(	861.2526	820.6333	0.068619	0.60813	0.70088	FKBP2	chr11	+	64008475	64011604	1002
ENSG0000(	1302.452	327.4948	1.99	3.58E-46	7.36E-45	VEGFB	chr11	+	64002010	64006259	1374
ENSG0000(	2169.745	1155.466	0.90574	2.14E-05	6.61E-05	PEAK1	chr15	-	77400471	77712486	11715
ENSG0000(	3575.735	189.8841	4.2274	2.87E-176	4.74E-174	TNFRSF10D	chr8	-	22993101	23021543	3538
ENSG0000(	39.3137	82.24475	-1.0488	0.011539	0.023927	MST1	chr3	-	49721380	49726934	4152
ENSG0000(	26.43092	85.84613	-1.6648	0.000773	0.001951	TNFRSF10C	chr8	+	22941868	22974950	1718
ENSG0000(	871.8488	559.0258	0.64045	1.66E-08	6.94E-08	MOB1B	chr4	+	71768043	71888166	6963
ENSG0000(	678.3956	735.6394	-0.1161	0.37412	0.47837	ZNF622	chr5	-	16451628	16465901	1699
ENSG0000(	6482.582	267.2951	4.5832	9.21E-112	6.29E-110	CSPG4	chr15	-	75966663	76005189	8290
ENSG0000(	852.1846	803.4028	0.084719	0.49142	0.59538	SNX33	chr15	+	75940247	75954642	8008
ENSG0000(	99.821	34.05994	1.5291	4.88E-05	0.000144	NABP1	chr2	+	1.93E+08	1.93E+08	3387
ENSG0000(	143.9209	50.32923	1.5091	4.73E-10	2.23E-09	NUDT18	chr8	-	21964383	21966932	1756
ENSG0000(	6.857607	68.12877	-3.2496	3.37E-13	1.97E-12	GPR113	chr2	-	26531041	26569685	4012
ENSG0000(	2859.308	2362.706	0.27493	0.003448	0.007878	CHD2	chr15	+	93425937	93571237	9857
ENSG0000(	696.2723	519.8603	0.42074	0.014535	0.02952	CCDC106	chr19	+	56152428	56164527	2162
ENSG0000(	0.72616	1.66715	-0.87257	0.59055	0.68554	CCR9	chr3	+	45927996	45944667	2567
ENSG0000(	224.4381	172.4898	0.37757	0.020974	0.041188	CCDC41	chr12	-	94700225	94853764	3183
ENSG0000(	2.064625	0	2.4902	0.12625	0.19686	SULT1B1	chr4	-	70592566	70653679	1429
ENSG0000(	1439.814	1198.871	0.26331	0.09754	0.15813	NUDT4	chr12	+	93771659	93797024	4855
ENSG0000(	512.9514	388.395	0.40063	0.001586	0.00381	PC	chr11	-	66615704	66725847	4192
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	UGT2A1	chr4	-	70454135	70518965	2595
ENSG0000(	96.50601	129.968	-0.42902	0.11928	0.18793	SCAI	chr9	-	1.28E+08	1.28E+08	2586
ENSG0000(	0	5.451404	-3.9255	0.006197	0.013561	GPRC6A	chr6	-	1.17E+08	1.17E+08	2860
ENSG0000(	151.0557	39.02018	1.9362	2.63E-14	1.65E-13	NMNAT1	chr1	+	10003486	10045559	3781
ENSG0000(	839.124	890.2454	-0.0858	0.6193	0.71037	LRFN4	chr11	+	66624118	66627946	2431
ENSG0000(	0.290301	0	0.4146	0.81455	NA	BET3L	chr6	-	1.17E+08	1.17E+08	2421
ENSG0000(	0.36308	0.997859	-1.0294	0.53423	NA	APOBEC4	chr1	-	1.84E+08	1.84E+08	2648
ENSG0000(	584.6371	715.5643	-0.29088	0.032561	0.061046	SLC19A1	chr21	-	46913486	46964325	3811
ENSG0000(	34.87027	6.892769	2.2807	1.08E-05	3.46E-05	HSPB7	chr1	-	16340523	16346089	2892
ENSG0000(	246.9129	508.1765	-1.0389	3.90E-09	1.71E-08	RCE1	chr11	+	66610306	66614017	2719
ENSG0000(	1708.348	3543.458	-1.0522	5.18E-31	6.88E-30	UQCRH	chr1	+	46769303	46782448	687
ENSG0000(	0.36308	3.495361	-2.5972	0.073789	0.12473	TAS1R1	chr1	+	6615241	6639817	2892
ENSG0000(	0	1412.474	-11.609	3.06E-27	3.51E-26	HES3	chr1	+	6304252	6305638	697
ENSG0000(	923.661	1962.469	-1.0838	8.50E-09	3.63E-08	EIF1AX	chrX	-	20142636	20159962	4427
ENSG0000(	13.72459	6.140096	1.1394	0.084161	0.13958	SPDYE2L	chr7	+	1.02E+08	1.02E+08	1742
ENSG0000(	108.2131	89.00465	0.27524	0.2303	0.32369	CXorf23	chrX	-	19930978	19988416	6528
ENSG0000(	2688.045	3231.545	-0.26528	0.028295	0.053889	PSMD1	chr2	+	2.32E+08	2.32E+08	3326
ENSG0000(	773.6591	172.1256	2.166	5.39E-51	1.26E-49	GPR64	chrX	-	19007427	19140755	5788
ENSG0000(	0.342542	0	0.4146	0.81455	NA	MUC13	chr3	-	1.25E+08	1.25E+08	2876
ENSG0000(	214.6152	26.14495	3.0066	2.04E-13	1.21E-12	SUSD5	chr3	-	33191537	33260707	5005
ENSG0000(	988.0539	360.0319	1.451	1.16E-10	5.73E-10	HEG1	chr3	-	1.25E+08	1.25E+08	9156
ENSG0000(	0.705622	0	0.8807	0.6196	NA	WFIKKN2	chr17	+	48912011	48919709	3588
ENSG0000(	185.5439	160.1951	0.20912	0.25324	0.35018	C11orf80	chr11	+	66511922	66610987	2323
ENSG0000(	2827.538	5379.798	-0.9271	3.38E-15	2.24E-14	TOMM20	chr1	-	2.35E+08	2.35E+08	3387
ENSG0000(	1.89853	1.073121	0.6292	0.69032	0.76915	AP000769.	chr11	+	65222728	65234028	693
ENSG0000(	0.705622	0.640152	0.062329	0.97007	NA	C1orf100	chr1	+	2.45E+08	2.45E+08	841
ENSG0000(	790.4318	1071.233	-0.43841	0.000287	0.00077	AGFG1	chr2	+	2.28E+08	2.28E+08	4122
ENSG0000(	873.3462	1455.637	-0.73593	4.25E-06	1.42E-05	STAT5B	chr17	-	40351186	40428725	5103
ENSG0000(	0.342542	3.322147	-2.5604	0.073563	0.1244	CD7	chr17	-	80272744	80275478	2021
ENSG0000(	0.290301	1.058552	-0.99174	0.56536	NA	TOPAZ1	chr3	+	44283378	44373590	5334
ENSG0000(	2531.177	1496.054	0.75817	1.65E-15	1.11E-14	CNP	chr17	+	40118759	40127194	2660
ENSG0000(	3070.88	4072.454	-0.40651	8.65E-05	0.000248	JUP	chr17	-	39775692	39943183	3497
ENSG0000(	10.13568	171.3375	-4.0346	2.21E-31	2.99E-30	HAP1	chr17	-	39873994	39890896	5683
ENSG0000(	0.580602	40.35876	-5.4736	3.19E-09	1.41E-08	TDRD12	chr19	+	33210659	33320483	3934
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CCDC13-AS	chr3	+	42774067	42788260	2049
ENSG0000(	5261.554	4292.991	0.29319	0.032523	0.060999	EIF1	chr17	+	39845137	39848920	2330
ENSG0000(	384.6017	148.2952	1.3712	1.41E-14	9.02E-14	ENDOV	chr17	+	78388965	78411886	2815
ENSG0000(	3378.16	2120.526	0.67018	2.33E-05	7.16E-05	RNF213	chr17	+	78234665	78372586	21055
ENSG0000(	7.479285	31.86524	-2.0384	0.000151	0.00042	TIGD3	chr11	+	65122238	65125084	2012
ENSG0000(	0.72616	68.13548	-6.139	1.87E-11	9.77E-11	KCNH6	chr17	+	61600695	61626338	3821
ENSG0000(	0.923144	5.332435	-2.1818	0.053713	0.094674	10-Mar	chr17	-	60778675	60885705	3338
ENSG0000(	434.8585	151.4943	1.5184	9.64E-20	8.03E-19	PLK3	chr1	+	45265897	45271662	2492
ENSG0000(	3896.155	910.5328	2.0957	6.93E-88	3.33E-86	NET1	chr10	+	5454514	5500426	3402
ENSG0000(	1077.341	309.0614	1.7996	9.29E-55	2.38E-53	DPY19L1	chr7	-	34968488	35077883	4870

ENSG0000(	0	3.541484	-3.3453	0.024862	0.048023	RP11-89N1	chr7	+	33765593	33768068	1058
ENSG0000(	2.717192	2.575179	0.085514	0.94403	0.96396	AC142401.	chr15	-	89002948	89054752	598
ENSG0000(	8.922232	12.21064	-0.44284	0.45092	0.55658	PHOSPHO1	chr17	-	47300724	47308128	2173
ENSG0000(	367.8593	368.3958	-0.00194	0.9886	0.9936	ZNF791	chr19	+	12721732	12742735	4554
ENSG0000(	9.12859	48.56513	-2.3323	0.000205	0.000561	TUBB8	chr10	-	92828	120103	1968
ENSG0000(	375.1515	203.3166	0.88184	6.57E-08	2.60E-07	PHC3	chr3	-	1.7E+08	1.7E+08	5030
ENSG0000(	2.718006	588.1495	-7.6317	3.77E-51	8.90E-50	GPR160	chr3	+	1.7E+08	1.7E+08	2039
ENSG0000(	836.4931	5058.964	-2.5928	4.15E-117	3.06E-115	CBX2	chr17	+	77751931	77761782	4644
ENSG0000(	2486.136	2460.612	0.014697	0.89448	0.92676	SPTBN2	chr11	-	66452719	66496697	8128
ENSG0000(	4035.367	813.5168	2.3082	1.15E-123	9.53E-122	GOLIM4	chr3	-	1.68E+08	1.68E+08	4373
ENSG0000(	400.1929	282.0409	0.50291	0.060681	0.10543	RBM4B	chr11	-	66432469	66445392	2339
ENSG0000(	722.1801	744.6691	-0.04337	0.73729	0.80637	USMG5	chr10	-	1.05E+08	1.05E+08	789
ENSG0000(	862.987	79.03338	3.434	2.18E-62	6.73E-61	HOXB2	chr17	-	46618256	46623441	2652
ENSG0000(	96.68604	46.50369	1.0497	2.71E-05	8.25E-05	C1QTNF1	chr17	+	77018896	77045870	3100
ENSG0000(	95.65679	166.4963	-0.79436	0.000555	0.00143	3-Mar	chr5	-	1.26E+08	1.26E+08	4196
ENSG0000(	17.7408	43.32307	-1.2743	0.002503	0.005834	SWSAP1	chr19	+	11485361	11487627	1684
ENSG0000(	55.35654	147.881	-1.3947	0.001201	0.002941	SLCO4C1	chr5	-	1.02E+08	1.02E+08	5334
ENSG0000(	84.4696	84.94742	-0.00795	0.9837	0.99083	RBM4	chr11	+	66384097	66434153	2321
ENSG0000(	1.359003	55.60097	-5.1437	1.77E-12	9.86E-12	PIFO	chr1	+	1.12E+08	1.12E+08	3774
ENSG0000(	1005.359	482.9082	1.057	9.66E-16	6.60E-15	XXYLT1	chr3	-	1.95E+08	1.95E+08	2727
ENSG0000(	548.2429	423.5484	0.37086	0.020079	0.039605	UBXN2A	chr2	+	24150155	24227779	6066
ENSG0000(	0	1.591889	-2.1342	0.20414	NA	RAX2	chr19	-	3769087	3772233	2428
ENSG0000(	0.342542	0	0.4146	0.81455	NA	LRRC63	chr13	+	46786083	46851501	2327
ENSG0000(	17.3743	43.19202	-1.2798	0.002706	0.006285	TCAP	chr17	+	37820440	37822808	2123
ENSG0000(	616.8794	458.1985	0.42753	0.005208	0.011566	CCS	chr11	+	66360292	66373490	1430
ENSG0000(	9.657765	172.3872	-4.1282	1.73E-30	2.25E-29	LRRC33	chr3	+	1.96E+08	1.96E+08	2564
ENSG0000(	43.58435	26.70997	0.68829	0.080414	0.13415	CEP19	chr3	-	1.96E+08	1.96E+08	2201
ENSG0000(	178.4203	231.8498	-0.37503	0.023729	0.046035	KLHL15	chrX	-	24001837	24045303	6272
ENSG0000(	445.0965	546.0372	-0.29494	0.047747	0.08547	FBXO45	chr3	+	1.96E+08	1.96E+08	5899
ENSG0000(	0	5.116387	-3.5863	0.02273	0.044298	SPERT	chr13	+	46276446	46288694	1842
ENSG0000(	0.36308	1.531196	-1.4241	0.39588	NA	FAM46D	chrX	+	79591003	79700810	3106
ENSG0000(	1443.371	1061.094	0.44384	1.67E-05	5.24E-05	GNG5	chr1	-	84964008	84972248	920
ENSG0000(	137.4676	66.92936	1.0353	0.0001	0.000286	FAM3C2	chrX	+	23093875	23094884	681
ENSG0000(	176.0295	77.80161	1.1699	4.33E-07	1.60E-06	SLC25A30	chr13	-	45967451	45992590	6041
ENSG0000(	12.03421	7.503784	0.65649	0.30548	0.40705	C9orf131	chr9	+	35041092	35045988	3409
ENSG0000(	4.055658	4.098254	0.018892	0.98466	0.99115	CD34	chr1	-	2.08E+08	2.08E+08	2874
ENSG0000(	0.342542	89.60197	-7.168	1.50E-12	8.44E-12	CTSF	chr11	-	66330934	66336312	2035
ENSG0000(	3.22583	0.951736	1.4843	0.23634	0.33037	PIK3R6	chr17	-	8706041	8770994	3391
ENSG0000(	122.2459	112.191	0.11844	0.59386	0.68849	TBC1D3	chr17	-	36337717	36421858	5098
ENSG0000(	1094.2	5.205345	7.1795	1.95E-15	1.31E-14	MSRB3	chr12	+	65672423	65882024	4417
ENSG0000(	530.5591	1025.246	-0.9483	7.26E-11	3.63E-10	MRPL45	chr17	+	36452989	36479101	1705
ENSG0000(	683.5366	734.0831	-0.10239	0.51096	0.61415	LEMD3	chr12	+	65563351	65642107	4764
ENSG0000(	155.5019	195.142	-0.32726	0.073435	0.12423	C16orf91	chr16	-	1469745	1479345	1071
ENSG0000(	199.5915	292.3592	-0.54851	0.052805	0.093255	SOCS7	chr17	+	36508111	36556019	2051
ENSG0000(	3.858673	0	3.4921	0.016684	0.033465	TLR1	chr4	-	38792298	38858438	2847
ENSG0000(	35.12789	1.234181	4.4909	1.05E-08	4.46E-08	TLR6	chr4	-	38825336	38858438	5879
ENSG0000(	202.502	69.79194	1.5242	9.69E-10	4.48E-09	FAM174A	chr5	+	99871009	99922445	1356
ENSG0000(	1170.101	400.272	1.5469	4.37E-38	7.29E-37	RGMB	chr5	+	98104354	98134347	4580
ENSG0000(	30.02244	46.54585	-0.62738	0.11954	0.18824	FAM53A	chr4	-	1619642	1686029	2802
ENSG0000(	0.580602	3.010564	-1.8049	0.20946	0.29945	KIAA1239	chr4	+	37245842	37451087	8325
ENSG0000(	256.6323	141.7705	0.85369	3.31E-06	1.12E-05	CYB561D1	chr1	+	1.1E+08	1.1E+08	5077
ENSG0000(	334.1822	217.3921	0.61733	0.012281	0.025334	ZDHHC24	chr11	-	66288108	66313709	1941
ENSG0000(	58.81008	3.959884	3.8059	2.21E-13	1.31E-12	RP11-23P1	chr15	+	42184991	42189585	2900
ENSG0000(	251.1103	459.8877	-0.86696	0.001227	0.002999	TRMT10C	chr3	+	1.01E+08	1.01E+08	1819
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	SELP	chr1	-	1.7E+08	1.7E+08	3142
ENSG0000(	562.6319	614.4983	-0.12757	0.29912	0.40079	CTU2	chr16	+	88772871	88781794	1905
ENSG0000(	37.91867	21.71826	0.77805	0.065538	0.11262	AGAP8	chr10	-	51224681	51371321	2803
ENSG0000(	948.9857	746.7268	0.34612	0.002769	0.006419	MGA	chr15	+	41913422	42062141	12042
ENSG0000(	71.23051	176.0963	-1.2945	0.000159	0.000441	C12orf66	chr12	-	64580096	64616076	2698
ENSG0000(	3.40309	2.543625	0.34771	0.74277	0.81095	ARL13A	chrX	+	1E+08	1E+08	1535
ENSG0000(	0.290301	0.715414	-0.50514	0.77701	NA	SNX31	chr8	-	1.02E+08	1.02E+08	2451
ENSG0000(	862.9148	648.902	0.41059	0.030054	0.056851	PIGG	chr4	+	492989	533985	3519
ENSG0000(	8542.288	9324.565	-0.1263	0.13554	0.20866	PRPF8	chr17	-	1553923	1588176	7445
ENSG0000(	1572.463	147.4869	3.398	1.83E-55	4.76E-54	ADCY6	chr12	-	49159975	49182820	6464
ENSG0000(	1.649304	0	2.1906	0.18857	NA	REP15	chr12	+	27849428	27850566	1139

ENSG0000(	1655.575	1401.197	0.24055	0.012854	0.026421	PITPNA	chr17	-	1421012	1466110	3912
ENSG0000(	2117.329	2293.857	-0.11509	0.43972	0.54546	DDX23	chr12	-	49223840	49246625	2832
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	ZNF80	chr3	-	1.14E+08	1.14E+08	2939
ENSG0000(	94.21531	152.6354	-0.69632	0.002202	0.005175	ZNHIT2	chr11	-	64883875	64885170	1296
ENSG0000(	3.609448	0	3.3159	0.028634	0.054474	EVX2	chr2	-	1.77E+08	1.77E+08	4203
ENSG0000(	1634.065	686.099	1.2444	2.20E-06	7.62E-06	ZBTB4	chr17	-	7362685	7387582	5956
ENSG0000(	19.17095	213.6791	-3.4389	1.80E-24	1.85E-23	TNK1	chr17	+	7283853	7293093	3122
ENSG0000(	660.8547	111.7676	2.5571	7.45E-65	2.42E-63	ZHX3	chr20	-	39807088	39946312	10030
ENSG0000(	1288.515	1074.375	0.26	0.39921	0.50388	PHLDA3	chr1	-	2.01E+08	2.01E+08	1531
ENSG0000(	20.12482	13.33559	0.57248	0.26084	0.35888	SLC16A11	chr17	-	6944949	6947242	1803
ENSG0000(	227.7249	80.39699	1.492	9.87E-13	5.61E-12	SLC16A13	chr17	+	6939394	6943440	1748
ENSG0000(	64.42254	1.370136	5.3477	1.03E-13	6.20E-13	GLIS1	chr1	-	53971910	54199877	2812
ENSG0000(	68.67322	22.67557	1.5826	4.58E-05	0.000136	CHRNA9	chr4	+	40337346	40357234	2276
ENSG0000(	74.20613	6.206494	3.5091	4.13E-15	2.72E-14	PODN	chr1	+	53527854	53551174	3287
ENSG0000(	56.74529	36.52589	0.62144	0.10767	0.17189	STAG3L3	chr7	-	72440227	72476445	2137
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	SLC6A19	chr5	+	1201710	1225232	5174
ENSG0000(	80.64077	121.1189	-0.57757	0.025162	0.048522	SNHG11	chr20	+	37075221	37079564	2652
ENSG0000(	0	1.531196	-1.8455	0.29475	NA	PMS2P2	chr7	-	74880905	74988262	1071
ENSG0000(	22.08855	28.38357	-0.35727	0.41268	0.51755	C11orf45	chr11	-	1.29E+08	1.29E+08	3624
ENSG0000(	220.0084	570.1555	-1.37	3.70E-17	2.73E-16	EXO1	chr1	+	2.42E+08	2.42E+08	3473
ENSG0000(	334.9002	265.9408	0.3312	0.030531	0.05762	RALGAPA1	chr14	-	36007558	36278510	8004
ENSG0000(	703.0072	848.566	-0.27073	0.051225	0.090838	WBSCR16	chr7	-	74441226	74490064	2345
ENSG0000(	1.338465	7.6106	-2.3103	0.018141	0.036132	C20orf166-	chr20	-	61141550	61148733	2585
ENSG0000(	231.6187	83.06832	1.4768	1.13E-12	6.42E-12	LIG4	chr13	-	1.09E+08	1.09E+08	4103
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	C20orf166	chr20	+	61147660	61167971	1220
ENSG0000(	2.07579	2.307303	-0.14429	0.91145	0.93941	TRHR	chr8	+	1.1E+08	1.1E+08	1660
ENSG0000(	54.45572	29.80137	0.86026	0.05256	0.092869	GTF2IRD2B	chr7	+	74508364	74565623	3545
ENSG0000(	1.286224	0	1.8436	0.2818	NA	ABRA	chr8	-	1.08E+08	1.08E+08	2755
ENSG0000(	5902.73	4871.316	0.27678	0.019474	0.038527	ATP2A2	chr12	+	1.11E+08	1.11E+08	8229
ENSG0000(	395.2001	552.8162	-0.4823	0.011462	0.023788	ZWILCH	chr15	+	66797297	66842115	3609
ENSG0000(	22639.09	33846.18	-0.57964	4.31E-08	1.73E-07	RPL4	chr15	-	66790355	66816870	2767
ENSG0000(	191.5348	230.8195	-0.26906	0.13253	0.20497	SNAPC5	chr15	-	66782644	66790151	1741
ENSG0000(	1.068702	2.08555	-0.75481	0.6154	0.70715	STARD6	chr18	-	51850728	51884334	1135
ENSG0000(	0.290301	0	0.4146	0.81455	NA	GOLGA6L2	chr15	-	23684645	23692381	3030
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	VWC2L	chr2	+	2.15E+08	2.15E+08	4610
ENSG0000(	69.47395	166.9246	-1.2507	0.001268	0.003094	C12orf76	chr12	-	1.1E+08	1.11E+08	2204
ENSG0000(	13.52679	9.606318	0.49035	0.39763	0.50217	ZCCHC12	chrX	+	1.18E+08	1.18E+08	2231
ENSG0000(	17.1791	2057.809	-6.8545	2.51E-171	3.86E-169	CNTNAP2	chr7	+	1.46E+08	1.48E+08	9894
ENSG0000(	12.24994	3.916176	1.5693	0.033052	0.061849	GALNTL6	chr4	+	1.73E+08	1.74E+08	3922
ENSG0000(	28.88014	40.24785	-0.4653	0.25732	0.3549	LINGO2	chr9	-	27948076	28670283	3044
ENSG0000(	8.620766	10.19793	-0.24072	0.69967	0.77633	BBS1	chr11	+	66278077	66301098	3585
ENSG0000(	242.8801	41.92225	2.5288	2.55E-29	3.17E-28	DENND4A	chr15	-	65950384	66084631	7172
ENSG0000(	38.67409	3266.787	-6.3789	3.96E-251	1.38E-248	IGDCC3	chr15	-	65619465	65670378	4479
ENSG0000(	18.27772	41.91177	-1.1817	0.002166	0.005099	GCSAM	chr3	-	1.12E+08	1.12E+08	3336
ENSG0000(	238.0482	29.78929	2.9954	8.54E-35	1.29E-33	ANKRD36C	chr2	-	96514587	96657541	5428
ENSG0000(	1.919068	1.309443	0.46697	0.7243	0.79602	SLC26A9	chr1	-	2.06E+08	2.06E+08	4799
ENSG0000(	24.05888	18.68259	0.34931	0.44185	0.54765	MFSD4	chr1	+	2.06E+08	2.06E+08	4095
ENSG0000(	117.9583	136.4026	-0.21	0.3246	0.42754	PELI3	chr11	+	66234216	66244808	2783
ENSG0000(	2.67693	5.303297	-0.9185	0.33331	0.43665	TTC9B	chr19	-	40721965	40724306	2323
ENSG0000(	7.180425	10.29259	-0.51183	0.47832	0.58271	MYO1H	chr12	+	1.1E+08	1.1E+08	4364
ENSG0000(	36.51517	68.16138	-0.89659	0.012145	0.025088	TMEM81	chr1	-	2.05E+08	2.05E+08	1388
ENSG0000(	528.9	1435.283	-1.4364	2.88E-21	2.58E-20	MRPL11	chr11	-	66202546	66234209	2209
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	KLK15	chr19	-	51328545	51340469	1419
ENSG0000(	7.003165	25.24921	-1.8184	0.000756	0.00191	IL20RB	chr3	+	1.37E+08	1.37E+08	2047
ENSG0000(	0	50.88358	-7.2323	8.79E-11	4.36E-10	GOLT1A	chr1	-	2.04E+08	2.04E+08	883
ENSG0000(	0.653381	0.297015	0.51304	0.77085	NA	RP11-209A	chr6	+	27179023	27179692	670
ENSG0000(	1650.068	4172.664	-1.3349	7.04E-14	4.29E-13	AKIRIN1	chr1	+	39456895	39471731	2741
ENSG0000(	0.290301	2.217472	-1.9238	0.23385	0.32753	NPAS4	chr11	+	66188475	66194178	3303
ENSG0000(	466.9606	602.5084	-0.36749	0.001974	0.004675	MSL2	chr3	-	1.36E+08	1.36E+08	4692
ENSG0000(	64.86435	42.44195	0.59877	0.098956	0.16002	ZNF497	chr19	-	58865723	58874214	3468
ENSG0000(	38.22348	0.715414	5.3485	1.20E-08	5.07E-08	KLF14	chr7	-	1.3E+08	1.3E+08	1488
ENSG0000(	60.38481	36.14228	0.7381	0.012706	0.026144	TRAM1L1	chr4	-	1.18E+08	1.18E+08	2019
ENSG0000(	95.78442	18.57739	2.3226	2.16E-06	7.49E-06	CMKLR1	chr12	-	1.09E+08	1.09E+08	5283
ENSG0000(	387.6749	451.45	-0.21903	0.21938	0.31111	ANGEL2	chr1	-	2.13E+08	2.13E+08	4649
ENSG0000(	4.979616	753.0402	-7.1643	6.39E-77	2.59E-75	UGT8	chr4	+	1.16E+08	1.16E+08	4084

ENSG0000(	0	1.294874	-1.8547	0.27869	NA	KY	chr3	-	1.34E+08	1.34E+08	4043
ENSG0000(	83.83334	53.43526	0.64591	0.025767	0.049599	IQCK	chr16	+	19727778	19868907	2600
ENSG0000(	12.59248	66.58542	-2.3557	3.99E-09	1.75E-08	SLCO2A1	chr3	-	1.34E+08	1.34E+08	4223
ENSG0000(	269.027	310.4955	-0.20639	0.15261	0.2304	ZNF266	chr19	-	9523272	9546254	4401
ENSG0000(	466.7823	490.1509	-0.06968	0.71477	0.78863	SLC29A2	chr11	-	66129992	66139685	2514
ENSG0000(	16.23444	721.9752	-5.4545	2.31E-100	1.31E-98	BRSK2	chr11	+	1411129	1483919	4089
ENSG0000(	0.290301	0	0.4146	0.81455	NA	FAM47DP	chrX	-	37400330	37404515	3290
ENSG0000(	1.08924	1.40169	-0.26784	0.8691	0.90895	GRIK1-AS1	chr21	+	31120494	31136321	818
ENSG0000(	641.4974	782.017	-0.28549	0.073968	0.12502	B3GNT1	chr11	-	66112843	66115163	2072
ENSG0000(	2411.482	2272.811	0.085414	0.61556	0.70721	TMEM167A	chr5	-	82348665	82373682	4630
ENSG0000(	0	1.903472	-2.1599	0.21236	NA	LEP	chr7	+	1.28E+08	1.28E+08	3420
ENSG0000(	4401.353	2608.462	0.75383	1.88E-11	9.78E-11	SH3PXD2B	chr5	-	1.72E+08	1.72E+08	7777
ENSG0000(	1.681007	1.294874	0.29761	0.82009	0.87355	RP11-79L9	chr3	-	1.38E+08	1.38E+08	504
ENSG0000(	269.093	1064.452	-1.9296	0.000916	0.002286	KIAA1551	chr12	+	32112304	32146039	6228
ENSG0000(	313.6512	1081.758	-1.783	2.94E-33	4.24E-32	LARP7	chr4	+	1.14E+08	1.14E+08	2332
ENSG0000(	251.2871	1518.356	-2.591	3.86E-76	1.54E-74	FGFBP3	chr10	-	93666346	93669240	2545
ENSG0000(	337.5183	424.3289	-0.32826	0.045893	0.082545	NR1D2	chr3	+	23986751	24022109	5258
ENSG0000(	30.94558	26.28024	0.2348	0.58364	0.67961	PABPC5	chrX	+	90689594	90693583	3221
ENSG0000(	657.0618	770.6681	-0.22879	0.31673	0.41938	BRMS1	chr11	-	66104804	66112596	1817
ENSG0000(	11773.12	16201.78	-0.46028	6.59E-07	2.39E-06	RPL15	chr3	+	23958036	23965183	2730
ENSG0000(	95.67619	10.57504	3.1407	5.93E-17	4.33E-16	C4orf32	chr4	+	1.13E+08	1.13E+08	2726
ENSG0000(	783.5659	435.7245	0.84508	4.52E-06	1.51E-05	HRAS	chr11	-	532242	537287	1233
ENSG0000(	0.342542	2.324288	-2.0579	0.17538	0.2586	WDR49	chr3	-	1.67E+08	1.67E+08	2594
ENSG0000(	2547.349	1953.435	0.38271	0.009018	0.01911	SRP72	chr4	+	57333081	57369839	3983
ENSG0000(	0.72616	5.47651	-2.5551	0.040249	0.073796	PCP2	chr19	-	7696497	7698634	776
ENSG0000(	322.316	80.58002	1.9834	1.39E-11	7.31E-11	RIN1	chr11	-	66097713	66104311	4416
ENSG0000(	0.975385	0.891044	0.066016	0.96851	NA	C4orf26	chr4	+	76481258	76491095	1874
ENSG0000(	109.5961	96.67507	0.18162	0.40258	0.50738	THAP6	chr4	+	76439156	76475683	3549
ENSG0000(	288.3675	185.545	0.637	0.00352	0.008029	CEP135	chr4	+	56815037	56899529	5562
ENSG0000(	1693.773	362.377	2.2218	9.43E-92	4.81E-90	FZD4	chr11	-	86656721	86666433	7383
ENSG0000(	1140.296	103.296	3.455	4.87E-102	2.88E-100	CD248	chr11	-	66081958	66084515	2558
ENSG0000(	1.794862	2.353426	-0.35825	0.78048	0.84237	BTC	chr4	-	75669969	75719896	2816
ENSG0000(	8.092404	9.618471	-0.24972	0.70919	0.78392	PDZK1	chr1	+	1.46E+08	1.46E+08	2084
ENSG0000(	2.116866	0.357707	1.7968	0.26904	0.36798	EMR1	chr19	+	6887577	6940470	3128
ENSG0000(	410.5995	309.7136	0.40713	0.005492	0.012132	DENND6A	chr3	-	57611184	57678816	4655
ENSG0000(	426.6812	444.7095	-0.05986	0.75677	0.82315	PDE12	chr3	+	57542003	57547684	3886
ENSG0000(	159.4866	270.5743	-0.75789	0.000649	0.001657	GLMN	chr1	-	92711959	92764544	1995
ENSG0000(	1.774324	0.297015	1.601	0.33424	0.43769	DNAH12	chr3	-	57327727	57530071	9542
ENSG0000(	2338.406	950.5178	1.2981	4.30E-39	7.42E-38	YIF1A	chr11	-	66052051	66056641	1124
ENSG0000(	88.81793	151.788	-0.76622	0.00031	0.000829	CNIH2	chr11	+	66045661	66052772	1524
ENSG0000(	1.08924	8.867471	-2.7119	0.019902	0.039303	NLRP6	chr11	+	278365	285359	2936
ENSG0000(	77.04493	111.269	-0.52624	0.09061	0.1486	NDUFA11	chr19	-	5891287	5904017	2406
ENSG0000(	280.7618	237.6936	0.24141	0.17497	0.25813	RSRC1	chr3	+	1.58E+08	1.58E+08	2411
ENSG0000(	0.870904	0.594029	0.31055	0.86063	NA	CATSPERD	chr19	+	5720688	5778745	2516
ENSG0000(	0.342542	4.386404	-2.8792	0.044475	0.080295	C3orf55	chr3	+	1.57E+08	1.57E+08	1484
ENSG0000(	1758.197	1130.322	0.637	8.18E-11	4.07E-10	RAB1B	chr11	+	66036004	66044963	2007
ENSG0000(	5.342695	2.292733	1.118	0.23111	0.32458	METTL15P1	chr3	-	1.56E+08	1.56E+08	1045
ENSG0000(	712.5379	1119.713	-0.65208	3.85E-09	1.69E-08	PTDSS2	chr11	+	448268	491393	3128
ENSG0000(	651.9355	295.5142	1.1375	8.14E-12	4.34E-11	C19orf70	chr19	-	5678432	5680907	896
ENSG0000(	49.73454	43.36845	0.19366	0.52549	0.62745	C3orf33	chr3	-	1.55E+08	1.56E+08	1931
ENSG0000(	1112.449	1606.669	-0.52871	0.005508	0.012162	SEZ6L2	chr16	-	29882480	29910868	3801
ENSG0000(	303.8449	330.7372	-0.12342	0.50696	0.61049	ASPHD1	chr16	+	29911696	29931185	1732
ENSG0000(	544.5754	173.704	1.6407	2.34E-17	1.74E-16	KCTD13	chr16	-	29916333	29938356	2528
ENSG0000(	0.342542	3.466222	-2.5888	0.074921	0.12637	P2RY14	chr3	-	1.51E+08	1.51E+08	2513
ENSG0000(	13.73575	32.82987	-1.2282	0.013042	0.026767	AMZ1	chr7	+	2719156	2804759	5516
ENSG0000(	0	1.964165	-2.2052	0.20143	0.2901	GPR171	chr3	-	1.51E+08	1.51E+08	1786
ENSG0000(	0	28.00163	-6.3842	4.24E-08	1.71E-07	CD164L2	chr1	-	27705666	27709870	1457
ENSG0000(	5.995263	267.1744	-5.3546	4.11E-36	6.45E-35	FUT1	chr19	-	49251268	49258647	4246
ENSG0000(	1106.608	1361.052	-0.29764	0.088221	0.14532	DHX36	chr3	-	1.54E+08	1.54E+08	6733
ENSG0000(	562.4771	102.4364	2.4491	3.26E-48	7.10E-47	ZIC4	chr3	-	1.47E+08	1.47E+08	4331
ENSG0000(	87.86732	66.95379	0.38558	0.11408	0.18081	AC026271.	chr17	+	18553508	18554855	1348
ENSG0000(	773.2242	461.2445	0.74397	3.02E-10	1.45E-09	FBXW8	chr12	+	1.17E+08	1.17E+08	4648
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	ZG16	chr16	+	29789561	29793096	1934
ENSG0000(	864.137	664.0106	0.37875	0.014405	0.02928	KLC2	chr11	+	66024765	66035331	3755
ENSG0000(	4.668776	2.353426	0.91426	0.34437	0.44831	SLC22A1	chr6	+	1.61E+08	1.61E+08	1948

ENSG0000(	1349.79	3865.627	-1.5171	1.12E-63	3.56E-62	CTBP2	chr10	-	1.27E+08	1.27E+08	3669
ENSG0000(	5426.35	779.1033	2.7873	2.87E-33	4.14E-32	CHST2	chr3	+	1.43E+08	1.43E+08	3526
ENSG0000(	205.4962	161.7345	0.34172	0.11525	0.18246	ZDHHC14	chr6	+	1.58E+08	1.58E+08	7380
ENSG0000(	603.132	379.5708	0.66707	0.000936	0.002333	ATR	chr3	-	1.42E+08	1.42E+08	8249
ENSG0000(	1977.427	3351.229	-0.75985	2.71E-13	1.59E-12	C17orf76-A	chr17	+	16342136	16381992	1662
ENSG0000(	1088.489	2171.086	-0.99513	3.23E-21	2.88E-20	UBE2C	chr20	+	44441215	44445596	1446
ENSG0000(	265.7583	127.0999	1.0572	2.96E-05	8.97E-05	GK5	chr3	-	1.42E+08	1.42E+08	4479
ENSG0000(	438.3573	395.9915	0.1476	0.3054	0.40696	VCPIP1	chr8	-	67540722	67579452	9942
ENSG0000(	0.290301	52.15099	-6.4439	7.31E-10	3.41E-09	RTP1	chr3	+	1.87E+08	1.87E+08	2217
ENSG0000(	0.923144	27.77585	-4.5018	2.66E-07	1.00E-06	DES	chr2	+	2.2E+08	2.2E+08	2248
ENSG0000(	138.3411	74.46155	0.89391	0.001051	0.002598	PDIK1L	chr1	+	26437664	26452034	4279
ENSG0000(	42.52837	911.7149	-4.3952	1.41E-82	6.19E-81	SPSB4	chr3	+	1.41E+08	1.41E+08	2908
ENSG0000(	1.048164	0.297015	0.97802	0.57083	NA	RAG2	chr11	-	36597124	36619829	2388
ENSG0000(	250.4941	140.423	0.83392	5.83E-06	1.93E-05	TRAF6	chr11	-	36508577	36531822	4627
ENSG0000(	121.751	70.5543	0.78667	0.00115	0.002827	ZNF654	chr3	+	88188254	88193815	4966
ENSG0000(	120.2062	61.26278	0.96429	5.20E-05	0.000153	TVP23C	chr17	-	15341205	15466909	2989
ENSG0000(	356.7428	351.642	0.021578	0.91184	0.93966	MRPS22	chr3	+	1.39E+08	1.39E+08	2160
ENSG0000(	2356.801	966.3572	1.2842	1.07E-26	1.20E-25	PACS1	chr11	+	65837834	66012218	4392
ENSG0000(	7605.244	11118.03	-0.54687	0.000142	0.000398	MARCKSL1	chr1	-	32799433	32801980	1699
ENSG0000(	1315.968	1346.522	-0.03353	0.77378	0.83723	SH3BP5L	chr1	-	2.49E+08	2.49E+08	4122
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	OR2T1	chr1	+	2.49E+08	2.49E+08	1110
ENSG0000(	2.282147	4.317591	-0.83283	0.40605	0.51086	TMEM51-A	chr1	-	15442448	15478960	2962
ENSG0000(	77.52023	23.89767	1.6861	1.47E-06	5.17E-06	YPEL2	chr17	+	57409050	57479090	5217
ENSG0000(	14.92947	92.13654	-2.6032	3.92E-13	2.29E-12	CADM2	chr3	+	85008132	86123579	9488
ENSG0000(	0	2.139794	-2.2809	0.18733	0.27337	ABO	chr9	-	1.36E+08	1.36E+08	1076
ENSG0000(	6668.031	5496.155	0.27865	0.01178	0.02438	PSMD2	chr3	+	1.84E+08	1.84E+08	3449
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	FAM182B	chr20	-	25744102	25848861	1681
ENSG0000(	23.18716	151.0834	-2.6832	4.73E-15	3.10E-14	PPM1E	chr17	+	56833230	57058983	2988
ENSG0000(	441.061	328.9286	0.42055	0.094543	0.15406	FAM131A	chr3	+	1.84E+08	1.84E+08	3677
ENSG0000(	2919.82	1643.476	0.82841	5.31E-09	2.30E-08	CSRP2	chr12	-	77252495	77272840	5078
ENSG0000(	0.342542	7.265046	-3.6643	0.004242	0.009542	INHBC	chr12	+	57828527	57845842	1992
ENSG0000(	553.8384	791.7073	-0.51412	0.000355	0.00094	PARL	chr3	-	1.84E+08	1.84E+08	1414
ENSG0000(	69.3557	14.96144	2.1758	1.43E-08	5.99E-08	DDIT3	chr12	-	57910371	57914300	1151
ENSG0000(	338.3327	654.1455	-0.94983	2.09E-08	8.62E-08	PCCA	chr13	+	1.01E+08	1.01E+08	2491
ENSG0000(	0	1.029414	-1.1526	0.51496	NA	HIGD2B	chr15	-	72968124	72978490	1116
ENSG0000(	1632.702	1295.278	0.33373	0.00544	0.012028	DCTN2	chr12	-	57923885	57941114	2061
ENSG0000(	4.959078	0.343138	3.1377	0.019067	0.037807	NPPA	chr1	-	11905766	11908402	855
ENSG0000(	262.6286	452.9301	-0.78236	5.59E-05	0.000164	ZNF408	chr11	+	46722368	46727462	2442
ENSG0000(	4769.165	3214.817	0.5682	1.94E-05	6.01E-05	CTDSP2	chr12	-	58213710	58240522	4795
ENSG0000(	4132.339	4084.857	0.016677	0.91303	0.94058	CKAP5	chr11	-	46764598	46867847	7121
ENSG0000(	2690.385	1445.778	0.89553	1.94E-14	1.23E-13	ARHGAP1	chr11	-	46698630	46722165	3375
ENSG0000(	1526.458	1903.946	-0.31855	0.00121	0.002963	MED16	chr19	-	867961	893218	3121
ENSG0000(	1384.575	1293.676	0.098057	0.44509	0.55061	ATG13	chr11	+	46638826	46696368	4728
ENSG0000(	91.20277	388.6619	-2.0798	2.27E-16	1.60E-15	GAL3ST3	chr11	-	65809423	65816651	2133
ENSG0000(	0.290301	6.177355	-3.4818	0.007462	0.016059	C1orf127	chr1	-	11006528	11042094	2761
ENSG0000(	786.6261	36.88454	4.2709	9.99E-12	5.29E-11	CHST1	chr11	-	45670427	45687172	2718
ENSG0000(	517.7128	256.437	1.0125	1.27E-12	7.17E-12	GOLGA8A	chr15	-	34671269	34880704	6478
ENSG0000(	0.36308	1.698704	-1.6626	0.28864	0.39018	VWA3A	chr16	+	22103859	22168287	4659
ENSG0000(	1963.451	1225.166	0.6801	1.05E-10	5.21E-10	TP53I11	chr11	-	44907454	44972840	3703
ENSG0000(	59.93795	46.67931	0.36128	0.23179	0.32534	APITD1	chr1	+	10490159	10512210	1469
ENSG0000(	476.8172	380.9807	0.32318	0.087643	0.14449	DOLK	chr9	-	1.32E+08	1.32E+08	2090
ENSG0000(	11.08017	110.8912	-3.3009	8.93E-18	6.79E-17	PHYHD1	chr9	+	1.32E+08	1.32E+08	2133
ENSG0000(	3.818411	0.891044	1.6587	0.22325	0.31569	CATSPER1	chr11	-	65784223	65793988	2619
ENSG0000(	86.31752	38.93592	1.1409	0.000194	0.000533	CCNE2	chr8	-	95891998	95908906	3330
ENSG0000(	678.1237	301.6637	1.1666	1.81E-20	1.56E-19	AGXT2L2	chr5	-	1.78E+08	1.78E+08	2780
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	ANKS4B	chr16	+	21244986	21263750	2936
ENSG0000(	0	4.380699	-3.6717	0.010523	0.022019	CST6	chr11	+	65779312	65780976	759
ENSG0000(	7.572602	69.06681	-3.1419	2.10E-13	1.25E-12	GRAMD2	chr15	-	72452148	72490126	3281
ENSG0000(	101.0464	267.1659	-1.402	2.01E-12	1.12E-11	ZNF519	chr18	-	14057456	14132489	6497
ENSG0000(	196.4444	167.9657	0.22866	0.22966	0.32297	LSM1	chr8	-	38020839	38034248	1568
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	ISX	chr22	+	35462129	35483380	3384
ENSG0000(	2766.793	2901.403	-0.06818	0.49793	0.60168	BANF1	chr11	+	65769550	65771620	1155
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	APOF	chr12	-	56754353	56756607	1715
ENSG0000(	16.87764	70.89905	-2.0372	4.24E-08	1.71E-07	CHRNA7	chr15	+	32322691	32464722	5669
ENSG0000(	405.2248	179.7863	1.1686	2.70E-09	1.20E-08	TMEM9B	chr11	-	8968841	8986558	2083

ENSG0000(	251.454	98.24998	1.3506	1.82E-14	1.16E-13	NRIP3	chr11	-	9002123	9025596	3809
ENSG0000(	234.3924	502.5326	-1.0983	4.26E-11	2.17E-10	PTPN2	chr18	-	12785477	12929642	3390
ENSG0000(	25.82122	32.18239	-0.31579	0.38806	0.49217	SCUBE2	chr11	-	9041071	9159661	4683
ENSG0000(	442.8086	344.3479	0.36104	0.13487	0.20788	EIF1AD	chr11	-	65764016	65769647	2887
ENSG0000(	1295.154	975.3168	0.40867	0.000356	0.000942	SMAD2	chr18	-	45357922	45457515	12075
ENSG0000(	3649.952	4138.499	-0.18099	0.045557	0.081989	EIF3F	chr11	+	7991798	8023409	7540
ENSG0000(	182.969	16.09284	3.4774	1.29E-31	1.75E-30	ZNF25	chr10	-	38238500	38265561	4139
ENSG0000(	1482.064	171.8733	3.0982	4.40E-62	1.35E-60	ARL10	chr5	+	1.76E+08	1.76E+08	10845
ENSG0000(	678.8412	504.9033	0.4273	0.002756	0.006394	CLTB	chr5	-	1.76E+08	1.76E+08	1489
ENSG0000(	80.63628	217.4289	-1.4285	4.46E-10	2.11E-09	PCSK1	chr5	-	95726119	95769847	5086
ENSG0000(	0.923144	61.44405	-5.6311	9.92E-13	5.64E-12	LPL	chr8	+	19759228	19824769	3846
ENSG0000(	1.991846	10.65601	-2.2837	0.007482	0.016098	RFESD	chr5	+	94982458	94993786	2788
ENSG0000(	976.3718	708.2106	0.46231	0.002629	0.006114	CCDC14	chr3	-	1.24E+08	1.24E+08	7917
ENSG0000(	24.67974	20.26561	0.26914	0.58604	0.68175	TBC1D10C	chr11	+	67171386	67177560	4480
ENSG0000(	2179.98	2194.786	-0.00969	0.93239	0.95567	SART1	chr11	+	65729160	65747299	3293
ENSG0000(	431.8978	499.3679	-0.20863	0.097474	0.15803	PPP2R2D	chr10	+	1.34E+08	1.34E+08	5133
ENSG0000(	187.5351	117.4958	0.67459	0.000198	0.000543	MCTP1	chr5	-	94039446	94620279	5396
ENSG0000(	43.09104	26.21068	0.70481	0.11512	0.18228	POLD4	chr11	-	67118248	67124443	1793
ENSG0000(	1.213446	1.188058	0.015729	0.99231	0.99582	OR52W1	chr11	+	6220376	6221489	1114
ENSG0000(	5.685237	5.892494	-0.05406	0.95578	0.97274	LRRC25	chr19	-	18501954	18508427	2415
ENSG0000(	1.411244	93.83202	-5.8866	2.34E-17	1.74E-16	DPP10	chr2	+	1.15E+08	1.17E+08	6278
ENSG0000(	105.7608	23.5505	2.1458	2.25E-12	1.25E-11	CLCF1	chr11	-	67131639	67141648	1844
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	RP11-395L	chr2	-	1.14E+08	1.14E+08	698
ENSG0000(	0.580602	36.82614	-5.3499	7.32E-09	3.14E-08	TSGA10IP	chr11	+	65712916	65727434	1925
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	GPR152	chr11	-	67218772	67220200	1429
ENSG0000(	4.387848	1.744828	1.1893	0.30322	0.40449	UBQLNL	chr11	-	5535623	5537935	2313
ENSG0000(	10.15703	37.07454	-1.8447	0.000314	0.000838	LIPT2	chr11	-	74202757	74204778	1018
ENSG0000(	13.70486	39.38675	-1.5123	0.000253	0.000683	KCNE3	chr11	-	74165886	74178774	3143
ENSG0000(	0.342542	0.640152	-0.50911	0.77219	NA	CABP4	chr11	+	67219877	67226699	1426
ENSG0000(	84.01239	73.49209	0.19266	0.54976	0.64954	ALG10B	chr12	+	38710380	38717784	3111
ENSG0000(	4108.268	2043.849	1.0059	1.91E-15	1.29E-14	DRAP1	chr11	+	65686728	65689032	989
ENSG0000(	0.342542	2.353426	-2.0975	0.16058	0.24045	LONRF3	chrX	+	1.18E+08	1.18E+08	3973
ENSG0000(	25.67387	8.170658	1.6021	0.004928	0.010983	UCP3	chr11	-	73711326	73720480	2623
ENSG0000(	901.5533	1032.847	-0.19536	0.12748	0.19844	UCP2	chr11	-	73685712	73694352	2113
ENSG0000(	922.143	560.68	0.71468	0.001925	0.004568	C11orf68	chr11	-	65684279	65686588	1619
ENSG0000(	308.6402	570.3336	-0.88488	5.29E-08	2.11E-07	PAAF1	chr11	+	73587744	73638790	2020
ENSG0000(	317.2253	232.5499	0.44907	0.003969	0.008968	MRPL48	chr11	+	73498361	73576178	1922
ENSG0000(	1965.629	1251.525	0.65061	4.05E-09	1.77E-08	RAB6A	chr11	-	73386938	73472182	3134
ENSG0000(	0.36308	18.91562	-5.0327	8.80E-06	2.85E-05	P2RY2	chr11	+	72929343	72947397	2660
ENSG0000(	534.2462	164.8497	1.6757	1.26E-05	4.00E-05	FOSL1	chr11	-	65659520	65668044	1669
ENSG0000(	225.1575	133.3717	0.75328	9.25E-06	2.98E-05	ERCC4	chr16	+	14014014	14046202	6758
ENSG0000(	198.8235	71.32799	1.4739	3.66E-11	1.87E-10	C7orf10	chr7	+	40174575	40900362	1719
ENSG0000(	1552.378	2066.81	-0.41247	0.00928	0.019615	CCDC85B	chr11	+	65657875	65659105	1231
ENSG0000(	3.485242	2.604317	0.34343	0.77987	0.84197	RP11-276H	chr16	-	12180603	12184159	1974
ENSG0000(	317.4659	327.7269	-0.04696	0.79854	0.85732	TMEM70	chr8	+	74884672	74895018	2018
ENSG0000(	35.56888	25.59309	0.4785	0.24574	0.34154	LINC00476	chr9	-	98521513	98638259	2825
ENSG0000(	445.8332	460.4336	-0.04601	0.71405	0.78801	RPS6KB2	chr11	+	67195931	67202872	5528
ENSG0000(	444.7478	1608.387	-1.851	1.19E-27	1.39E-26	RMI2	chr16	+	11343476	11445619	1865
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	PRM1	chr16	-	11374693	11375207	424
ENSG0000(	0.580602	1.058552	-0.51948	0.75894	NA	DRD5P2	chr1	+	1.49E+08	1.49E+08	2012
ENSG0000(	850.4519	117.0088	2.8488	1.20E-36	1.93E-35	TOM1L2	chr17	-	17746828	17875736	5592
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	TEX26	chr13	+	31506840	31549639	1478
ENSG0000(	39.01663	57.70592	-0.55741	0.059678	0.10402	ZNF77	chr19	-	2933216	2944969	2002
ENSG0000(	10.78987	38.12268	-1.8087	0.000109	0.000309	GPR156	chr3	-	1.2E+08	1.2E+08	4442
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	LINC00521	chr14	+	94463616	94478040	1937
ENSG0000(	130.4523	165.5746	-0.34529	0.14045	0.21438	LINC00116	chr2	-	1.11E+08	1.11E+08	2051
ENSG0000(	0.290301	396.7373	-9.1778	3.56E-22	3.29E-21	C1orf172	chr1	-	27276053	27286897	1793
ENSG0000(	150.0378	141.4931	0.083514	0.65727	0.74187	B3GNTL1	chr17	-	80900031	81009686	3324
ENSG0000(	0.290301	0.686276	-0.47648	0.78935	NA	RBMXL3	chrX	+	1.14E+08	1.14E+08	3469
ENSG0000(	1170.017	1309.284	-0.16177	0.19596	0.28399	MLXIP	chr12	+	1.23E+08	1.23E+08	5799
ENSG0000(	0.685084	0	0.85004	0.63064	NA	C11orf44	chr11	+	1.31E+08	1.31E+08	3547
ENSG0000(	9.378629	21.08455	-1.1564	0.024729	0.047783	BAK1P1	chr20	-	31276723	31278816	2094
ENSG0000(	48.49372	31.19581	0.64025	0.087087	0.14377	RWDD4P2	chr7	-	39894093	39894655	563
ENSG0000(	1141.936	3.590024	8.1655	2.66E-78	1.09E-76	NR2F1	chr5	+	92919043	92930321	3732
ENSG0000(	9.036087	0	4.7866	0.000172	0.000476	C15orf54	chr15	+	39542885	39547046	3078

ENSG0000(	0.580602	0	0.8036	0.6494	NA	EIF3KP1	chr5	+	1.02E+08	1.02E+08	656
ENSG0000(	1661.363	2529.016	-0.60557	5.54E-07	2.03E-06	AURKAIP1	chr1	-	1309110	1310875	1072
ENSG0000(	81.2882	13.07737	2.583	5.43E-08	2.17E-07	TTLL11	chr9	-	1.25E+08	1.25E+08	3250
ENSG0000(	0	12.96331	-5.315	1.52E-05	4.78E-05	EIF4E1B	chr5	+	1.76E+08	1.76E+08	2836
ENSG0000(	29.32537	40.08839	-0.44408	0.23407	0.32775	TOMM5	chr9	-	37582643	37592639	3071
ENSG0000(	2.656392	8.978319	-1.6416	0.065128	0.11204	AC112229.	chr2	-	1.11E+08	1.11E+08	2443
ENSG0000(	0	3.06884	-3.0961	0.043807	0.079295	RP11-121N	chr11	+	1.3E+08	1.3E+08	669
ENSG0000(	243.6973	252.4137	-0.04869	0.82294	0.87519	SLC35E3	chr12	+	69139886	69187744	5014
ENSG0000(	0	180.119	-8.9364	1.14E-16	8.18E-16	PRIMA1	chr14	-	94184644	94254827	3711
ENSG0000(	55.77765	66.37836	-0.24866	0.38042	0.48446	ZNF169	chr9	+	97021593	97063736	2716
ENSG0000(	1157.653	2517.367	-1.119	1.91E-18	1.49E-17	RUVBL1	chr3	-	1.28E+08	1.28E+08	4062
ENSG0000(	14.37797	227.5974	-3.9388	7.52E-28	8.85E-27	SFN	chr1	+	27189633	27190947	1315
ENSG0000(	0.36308	0.997859	-1.0294	0.53423	NA	OR52B3P	chr11	+	4399512	4400457	942
ENSG0000(	149.7557	41.81053	1.831	1.15E-11	6.09E-11	MSRA	chr8	+	9911778	10286401	1706
ENSG0000(	1.431782	0.700845	0.75326	0.63313	0.72196	CCDC168	chr13	-	1.03E+08	1.03E+08	7359
ENSG0000(	410.4773	432.9997	-0.07843	0.64681	0.73305	CTDNEP1	chr17	-	7146910	7155810	1724
ENSG0000(	2861.024	5130.583	-0.84192	1.66E-22	1.56E-21	ETV4	chr17	-	41605212	41656988	2429
ENSG0000(	0.653381	0.640152	0.01046	0.99499	NA	FAM172BP	chr3	+	1.01E+08	1.01E+08	2295
ENSG0000(	430.1082	200.6524	1.0996	5.74E-15	3.76E-14	SWI5	chr9	+	1.31E+08	1.31E+08	1048
ENSG0000(	1.027626	0.357707	0.84252	0.63507	NA	GAPT	chr5	+	57787262	57792917	3016
ENSG0000(	1073.104	386.5977	1.4701	1.28E-33	1.87E-32	BAIAP2	chr17	+	79008948	79091232	3689
ENSG0000(	0	36.51535	-6.7797	2.09E-09	9.37E-09	CALCB	chr11	+	14926543	15103888	2258
ENSG0000(	38.57817	43.43652	-0.17042	0.64526	0.732	AC004840.	chr7	+	2477398	2487485	2067
ENSG0000(	13.269	18.08856	-0.4439	0.37847	0.48262	CREG2	chr2	-	1.02E+08	1.02E+08	3187
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	WBSCR28	chr7	+	73275489	73280223	961
ENSG0000(	213.9056	0.686276	7.7775	4.67E-21	4.13E-20	HOXD8	chr2	+	1.77E+08	1.77E+08	2583
ENSG0000(	2.31385	4.646159	-0.92148	0.35106	0.45542	RPL7AP66	chr18	-	36914836	36915639	804
ENSG0000(	205.7333	78.44727	1.3864	8.74E-10	4.06E-09	ZDHHC21	chr9	-	14615530	14693469	4699
ENSG0000(	1.317927	55.84151	-5.1075	1.35E-10	6.62E-10	TSPEAR	chr21	-	45917775	46131495	3967
ENSG0000(	125.751	115.3544	0.1249	0.54472	0.64502	PLEKHF2	chr8	+	96146032	96168912	2881
ENSG0000(	281.1953	157.7835	0.82851	0.001336	0.003252	CTD-2369P	chr19	-	10332111	10333870	1760
ENSG0000(	1259.396	5.863356	7.641	2.31E-92	1.19E-90	A2M	chr12	-	9220260	9268825	4844
ENSG0000(	109.5389	191.1379	-0.7952	0.024302	0.047028	ARL4D	chr17	+	41476327	41478505	1612
ENSG0000(	47.90439	14.5989	1.6753	0.000237	0.000643	AC127496.	chr17	+	78977135	78978932	1798
ENSG0000(	1.701545	5.003866	-1.4347	0.15846	0.23782	DOK7	chr4	+	3465033	3503200	2562
ENSG0000(	97.90544	1839.515	-4.2045	9.53E-53	2.34E-51	LRRN1	chr3	+	3841121	3889387	3823
ENSG0000(	1027.553	2517.4	-1.2911	2.68E-31	3.60E-30	UBE2O	chr17	-	74385532	74449288	5436
ENSG0000(	83.35005	38.22225	1.1097	0.002048	0.004837	ORAI3	chr16	+	30960387	30967782	2206
ENSG0000(	0.685084	0	0.85004	0.63064	NA	KLHL38	chr8	-	1.25E+08	1.25E+08	1982
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-544L	chr6	+	1.14E+08	1.14E+08	2255
ENSG0000(	858.8081	1442.455	-0.74671	8.13E-09	3.47E-08	UNC119B	chr12	+	1.21E+08	1.21E+08	4404
ENSG0000(	24.12147	47.70074	-0.97595	0.019126	0.037915	DENND2C	chr1	-	1.15E+08	1.15E+08	6163
ENSG0000(	2.479132	8.411812	-1.5901	0.1051	0.16833	PLEKHD1	chr14	+	69951409	69995215	3999
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	FAM220BP	chr9	+	38527094	38527909	816
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	ASCL3	chr11	-	8959119	8964580	650
ENSG0000(	6726.915	5235.574	0.36129	0.0052	0.011552	TUBB6	chr18	+	12307668	12344319	2163
ENSG0000(	301.2579	182.2149	0.72677	0.000131	0.000367	LYSMD3	chr5	-	89811428	89825401	4259
ENSG0000(	1490.316	630.338	1.2378	5.40E-13	3.12E-12	B3GALT6	chr1	+	1167629	1170421	2793
ENSG0000(	55.23991	142.319	-1.354	2.81E-06	9.61E-06	ZNF613	chr19	+	52430400	52452012	2710
ENSG0000(	2.935529	2.529055	0.17591	0.8696	0.90927	C11orf16	chr11	-	8941623	8954553	1908
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CHDC2	chrX	+	36053913	36163187	1958
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP1-146I3.	chr14	-	73396320	73396638	319
ENSG0000(	226.7821	2.056411	6.6372	3.80E-30	4.86E-29	NUPR1	chr16	-	28548606	28550495	914
ENSG0000(	913.6423	491.298	0.89518	2.20E-09	9.85E-09	JAKMIP2	chr5	-	1.47E+08	1.47E+08	6001
ENSG0000(	4.524033	2.353426	0.84192	0.42511	0.53049	RPL23P2	chr21	-	30369934	30370354	421
ENSG0000(	95.53079	103.0167	-0.10528	0.63527	0.72366	MBLAC2	chr5	-	89754020	89770585	4280
ENSG0000(	587.3345	1072.769	-0.86652	3.91E-06	1.31E-05	TPRN	chr9	-	1.4E+08	1.4E+08	3350
ENSG0000(	5.60048	46.62265	-2.9422	2.85E-08	1.17E-07	KCNE1L	chrX	-	1.09E+08	1.09E+08	1465
ENSG0000(	0	1.355566	-1.9006	0.26573	NA	ZNF683	chr1	-	26688125	26701013	1712
ENSG0000(	1693.139	1487.633	0.18646	0.24118	0.33617	SLC35A4	chr5	+	1.4E+08	1.4E+08	3617
ENSG0000(	0	393.0033	-9.9492	2.59E-20	2.22E-19	AIM1L	chr1	-	26648350	26680621	2523
ENSG0000(	1210.594	860.8459	0.49171	0.000314	0.000839	IP6K1	chr3	-	49761727	49823975	4456
ENSG0000(	1190.853	1598.721	-0.42452	0.000198	0.000542	SSNA1	chr9	+	1.4E+08	1.4E+08	1170
ENSG0000(	646.4703	784.468	-0.27891	0.051545	0.091345	CSTF3	chr11	-	33098734	33183917	2797
ENSG0000(	1439.955	1506.883	-0.065	0.5664	0.66418	YES1	chr18	-	721588	812547	4639

ENSG0000(	288.5784	185.7242	0.63467	0.000658	0.001677	CHMP6	chr17	+	78965398	78983317	1664
ENSG0000(	0.632843	0	0.81931	0.64303	NA	AQP7P4	chr9	+	67032331	67048373	1042
ENSG0000(	69.92676	166.2663	-1.2448	2.44E-06	8.38E-06	DLEU1	chr13	+	50656307	51297372	2440
ENSG0000(	45.06577	27.68031	0.69242	0.039431	0.072481	UFSP1	chr7	-	1E+08	1E+08	994
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AL445665.	chr9	+	69650263	69660358	966
ENSG0000(	0	6.8782	-4.3912	0.000889	0.002226	MC5R	chr18	+	13824154	13826861	1319
ENSG0000(	972.5422	442.7046	1.1348	2.11E-14	1.33E-13	TMEM39A	chr3	-	1.19E+08	1.19E+08	4393
ENSG0000(	375.0879	199.3748	0.90643	4.05E-05	0.000121	TCP11L1	chr11	+	33060963	33127489	3390
ENSG0000(	3.547834	12.7294	-1.7532	0.01535	0.031039	GPX2	chr14	-	65405870	65409531	1134
ENSG0000(	689.0386	274.5458	1.3244	1.65E-20	1.42E-19	CCDC57	chr17	-	80059336	80170706	5379
ENSG0000(	0.342542	1.949596	-1.8486	0.23038	0.32372	HSF5	chr17	-	56497528	56565745	4094
ENSG0000(	17.57649	20.19518	-0.20459	0.72761	0.79854	FOXG1	chr14	+	29235050	29238870	2754
ENSG0000(	1156.065	72.21271	3.9761	1.34E-59	3.88E-58	SPHK1	chr17	+	74372665	74383941	2502
ENSG0000(	352.944	2058.324	-2.5322	1.48E-26	1.66E-25	BNIP3	chr10	-	1.34E+08	1.34E+08	1607
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	ENTHD1	chr22	-	40139049	40289868	2710
ENSG0000(	184.6751	113.851	0.69146	0.026003	0.049994	MYPOP	chr19	-	46393278	46405862	1890
ENSG0000(	111.5521	1.40169	6.1268	4.68E-19	3.76E-18	CIDEA	chr18	+	12254318	12277594	1808
ENSG0000(	0	116.3575	-8.2511	3.78E-13	2.21E-12	LRRTM4	chr2	-	76974845	77820445	3616
ENSG0000(	247.4542	465.6678	-0.91031	1.12E-09	5.13E-09	ATAD5	chr17	+	29158988	29222887	6869
ENSG0000(	134.6134	272.6725	-1.0102	3.09E-05	9.34E-05	SMIM19	chr8	+	42396298	42408151	1466
ENSG0000(	48.77628	25.08244	0.95866	0.005851	0.012849	ZNF404	chr19	-	44376515	44405537	1851
ENSG0000(	346.0762	364.5185	-0.07576	0.6926	0.77084	RTTN	chr18	-	67671029	67873181	7326
ENSG0000(	1.576526	1.638012	-0.0314	0.98016	0.98907	C10orf111	chr10	-	15137384	15139318	1714
ENSG0000(	8.260292	61.84956	-2.8644	8.44E-08	3.31E-07	ACBD7	chr10	-	15119522	15130775	1322
ENSG0000(	1147.577	897.5207	0.35355	0.051712	0.091602	ANAPC2	chr9	-	1.4E+08	1.4E+08	2632
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	HMGB4	chr1	+	34326076	34330392	2505
ENSG0000(	274.077	277.0027	-0.01612	0.936	0.95772	ZBTB8OS	chr1	-	33065773	33116504	1601
ENSG0000(	2.998934	0.654722	1.7796	0.19444	0.28208	CYCSP34	chr13	-	41437735	41438038	304
ENSG0000(	113.5422	86.03122	0.3993	0.057412	0.10043	SLC35G1	chr10	+	95653730	95715819	3490
ENSG0000(	123.9767	66.87437	0.88758	0.000357	0.000945	SLC25A53	chrX	-	1.03E+08	1.03E+08	6224
ENSG0000(	0.923144	0	1.223	0.49292	NA	IDSP1	chrX	+	1.49E+08	1.49E+08	376
ENSG0000(	11.01677	105.7942	-3.237	1.72E-16	1.22E-15	ZNF135	chr19	+	58570607	58597677	3349
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	FOXR1	chr11	+	1.19E+08	1.19E+08	1159
ENSG0000(	223.3063	337.4437	-0.59423	0.000491	0.001277	COX8A	chr11	+	63742079	63744015	507
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RPL37AP8	chr11	-	1.12E+08	1.12E+08	276
ENSG0000(	2.789971	1.935026	0.4765	0.67924	0.75991	AC110781.	chr7	+	1878222	1889567	4481
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	AC097359.	chr3	-	37283303	37285686	2383
ENSG0000(	2.500484	22.59877	-3.0843	6.28E-05	0.000183	TAC4	chr17	-	47915671	47925379	675
ENSG0000(	285.3935	926.7954	-1.6954	1.64E-35	2.54E-34	ZSCAN2	chr15	+	85144217	85171027	3813
ENSG0000(	1.991846	5.079128	-1.2292	0.22098	0.31301	PRR18	chr6	-	1.67E+08	1.67E+08	2704
ENSG0000(	1.939605	22.24509	-3.3285	1.30E-05	4.13E-05	B3GNT4	chr12	+	1.23E+08	1.23E+08	2938
ENSG0000(	86.18712	84.18831	0.035478	0.90181	0.93217	CDC26	chr9	-	1.16E+08	1.16E+08	872
ENSG0000(	3.133327	755.8125	-7.8404	2.86E-61	8.48E-60	HSD11B2	chr16	+	67464555	67471456	1900
ENSG0000(	340.8747	352.027	-0.04692	0.73304	0.80275	CRLF3	chr17	-	29096406	29151794	2957
ENSG0000(	1638.409	1641.392	-0.00237	0.98552	0.99153	RNPEP	chr1	+	2.02E+08	2.02E+08	2427
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	CEACAM20	chr19	-	45005729	45033811	2120
ENSG0000(	405.863	385.6915	0.073204	0.65883	0.74287	EID2	chr19	-	40028890	40030870	1981
ENSG0000(	23.46548	89.53632	-1.9111	3.01E-10	1.44E-09	DMRTA1	chr9	+	22446840	22452472	2302
ENSG0000(	31.54754	15.35474	1.0262	0.016477	0.033099	EID2B	chr19	-	40021630	40023494	1865
ENSG0000(	0	21.17364	-5.9903	5.00E-07	1.83E-06	GJC3	chr7	-	99520892	99527243	1116
ENSG0000(	684.2706	165.1031	2.0489	1.11E-25	1.19E-24	RIMS2	chr8	+	1.05E+08	1.05E+08	8002
ENSG0000(	990.6032	1636.793	-0.72354	7.17E-11	3.59E-10	KCMF1	chr2	+	85198216	85282560	3533
ENSG0000(	114.1561	57.02441	0.99237	0.002766	0.006413	DNAJC30	chr7	-	73096601	73097783	1183
ENSG0000(	99.2748	173.947	-0.80016	0.005957	0.013065	SPRYD4	chr12	+	56862301	56864763	2101
ENSG0000(	141.613	226.5092	-0.66662	0.14346	0.2184	VPS37D	chr7	+	73082155	73086442	1624
ENSG0000(	84.14483	6.330295	3.6843	6.22E-18	4.76E-17	CLEC14A	chr14	-	38723308	38725574	2267
ENSG0000(	272.1856	4.288452	5.8942	9.42E-42	1.73E-40	SYNE3	chr14	-	95883831	95942173	5493
ENSG0000(	603.529	755.6062	-0.32301	0.041259	0.075338	CLK2	chr1	-	1.55E+08	1.55E+08	2702
ENSG0000(	707.8661	754.74	-0.09318	0.60273	0.69617	LPCAT4	chr15	-	34651106	34659479	1975
ENSG0000(	1139.371	135.9947	3.0593	2.09E-101	1.21E-99	SLCO3A1	chr15	+	92396925	92715665	5115
ENSG0000(	82.9485	9.361132	3.0872	3.00E-15	1.99E-14	ZNF575	chr19	+	44029649	44040282	2285
ENSG0000(	130.9396	117.3816	0.15735	0.42652	0.53189	WDR25	chr14	+	1.01E+08	1.01E+08	2123
ENSG0000(	167.327	248.8565	-0.572	0.001366	0.003319	CCDC101	chr16	+	28565236	28603111	1153
ENSG0000(	2.261609	1220.301	-8.8329	3.18E-62	9.77E-61	PLA2G16	chr11	-	63340667	63384355	2594
ENSG0000(	33.10352	493.5835	-3.8863	1.49E-60	4.38E-59	DIRAS1	chr19	-	2714565	2721416	3424

ENSG0000(	1.597063	0.891044	0.57831	0.71912	0.79217	OR10AC1P	chr7	-	1.43E+08	1.43E+08	669
ENSG0000(	99.5263	210.608	-1.0709	0.003733	0.008471	PHLDB3	chr19	-	43979106	44009087	2591
ENSG0000(	105.0396	380.1679	-1.8463	1.49E-21	1.35E-20	PRR15	chr7	+	29603427	29606911	1678
ENSG0000(	53.53739	380.0495	-2.8132	6.60E-24	6.60E-23	GNG7	chr19	-	2511217	2702707	4208
ENSG0000(	587.3766	401.1221	0.54745	4.10E-05	0.000122	KIAA2018	chr3	-	1.13E+08	1.13E+08	13708
ENSG0000(	9.439429	8.19006	0.19777	0.76211	0.82733	CNTD1	chr17	+	40950810	40963605	2657
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	DCAF4L2	chr8	-	88882973	88886296	3324
ENSG0000(	1.971308	0	2.4428	0.13467	0.20767	CNBD1	chr8	+	87878670	88627447	1594
ENSG0000(	73.62732	140.6726	-0.93287	0.000656	0.001674	CTD-2368P	chr19	+	58513429	58522600	6438
ENSG0000(	198.2505	528.1614	-1.4065	3.73E-07	1.39E-06	KBTBD11	chr8	+	1922044	1955102	6710
ENSG0000(	558.88	206.4091	1.4323	5.62E-14	3.45E-13	B3GNT5	chr3	+	1.83E+08	1.83E+08	4123
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	MAP3K19	chr2	-	1.36E+08	1.36E+08	4377
ENSG0000(	8712.025	9714.649	-0.157	0.13241	0.20486	LMNB2	chr19	-	2427636	2456994	4671
ENSG0000(	356.1419	370.317	-0.05516	0.68952	0.76857	RMDN1	chr8	-	87480486	87526586	3063
ENSG0000(	1184.188	1165.197	0.02347	0.82086	0.87406	MEX3C	chr18	-	48700920	48744674	3850
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	HORMAD2	chr22	+	30476163	30573064	2187
ENSG0000(	372.3991	58.27981	2.6606	2.37E-35	3.63E-34	RNF152	chr18	-	59475296	59561480	9501
ENSG0000(	0	34.14494	-6.692	3.50E-09	1.54E-08	NANOGP1	chr12	+	8045172	8051499	915
ENSG0000(	1818.117	797.4134	1.1871	2.02E-27	2.33E-26	MYO1D	chr17	-	30819540	31204195	5563
ENSG0000(	21.41023	0	6.0439	2.07E-07	7.86E-07	C20orf197	chr20	+	58630980	58648008	2732
ENSG0000(	190.7013	15.25766	3.5919	7.78E-17	5.64E-16	FOXL1	chr16	+	86609974	86615303	3189
ENSG0000(	2.624689	0	2.9014	0.06135	0.10638	TGIF2LY	chrY	+	3447082	3448082	905
ENSG0000(	24.42114	16.50312	0.56289	0.23955	0.33421	LRRC37A	chr17	+	44370099	44415160	5177
ENSG0000(	402.3945	5.332435	6.173	3.94E-57	1.08E-55	FOXC2	chr16	+	86600857	86602539	1683
ENSG0000(	115.856	75.96367	0.60407	0.006307	0.013773	BDNF	chr11	-	27676440	27743605	4766
ENSG0000(	162.1574	147.7171	0.13427	0.54171	0.64223	SCAND2P	chr15	+	85174682	85185695	3961
ENSG0000(	22.73932	26.67433	-0.21732	0.59782	0.692	CCDC121	chr2	-	27848506	27851879	2342
ENSG0000(	487.875	471.6959	0.048889	0.74363	0.81167	ACSF3	chr16	+	89154783	89222254	7020
ENSG0000(	0	1.234181	-1.5727	0.37581	NA	OR10AB1P	chr11	+	7749632	7750935	1020
ENSG0000(	1988.844	1463.423	0.44276	0.000584	0.001501	BOK	chr2	+	2.42E+08	2.43E+08	2650
ENSG0000(	11.64024	6.815092	0.72939	0.30036	0.40189	ZNF843	chr16	-	31445569	31454346	2161
ENSG0000(	37.23196	56.17311	-0.59013	0.047534	0.085165	TTTY14	chrY	-	21034387	21239302	1495
ENSG0000(	87.68068	87.30192	0.001407	0.99531	0.99735	C8orf59	chr8	-	86126311	86132650	853
ENSG0000(	6.712863	0.654722	2.9172	0.011906	0.024624	PFN4	chr2	-	24338241	24346347	974
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	MAGEB6	chrX	+	26210557	26213763	1949
ENSG0000(	220.0323	346.2109	-0.65389	0.000467	0.001219	CDK5R1	chr17	+	30813637	30818274	4325
ENSG0000(	0.290301	3.305162	-2.5891	0.070163	0.11942	C15orf56	chr15	-	40542865	40545170	2129
ENSG0000(	0.36308	1.248751	-1.1986	0.48045	NA	LINC00303	chr1	-	2.04E+08	2.04E+08	1891
ENSG0000(	2.894453	2.292733	0.30763	0.77609	0.83919	ZNF285B	chr19	+	44971858	44977444	1767
ENSG0000(	0	244.4874	-9.3076	1.32E-17	9.94E-17	TCERG1L	chr10	-	1.33E+08	1.33E+08	4394
ENSG0000(	3.713929	14.6976	-1.9116	0.008846	0.01879	NCKAP5	chr2	-	1.33E+08	1.34E+08	7592
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	MAGEB18	chrX	+	26156460	26158852	1811
ENSG0000(	566.6789	483.3336	0.22735	0.17009	0.25218	RUFY1	chr5	+	1.79E+08	1.79E+08	2771
ENSG0000(	5118.335	2623.087	0.96326	2.21E-15	1.48E-14	BASP1	chr5	+	17217669	17276943	1878
ENSG0000(	86.27465	24.49008	1.7922	2.08E-08	8.62E-08	LRRC37A3	chr17	-	62850430	62915598	5665
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC009951.	chr2	-	1.45E+08	1.45E+08	2966
ENSG0000(	15.02279	1.188058	3.273	0.000606	0.001555	FKBP9L	chr7	-	55748767	55780945	2451
ENSG0000(	297.5564	1426.343	-2.2512	4.01E-25	4.22E-24	VSIG10	chr12	-	1.19E+08	1.19E+08	4946
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	MIR7-3HG	chr19	+	4769117	4772545	879
ENSG0000(	51.67594	6.407972	2.9661	2.79E-09	1.24E-08	IRX5	chr16	+	54964774	54968397	2401
ENSG0000(	972.562	740.9913	0.39054	0.055456	0.097323	METRNL	chr17	+	81037567	81052864	1900
ENSG0000(	1081.903	444.2659	1.2818	2.49E-16	1.75E-15	FAM91A1	chr8	+	1.25E+08	1.25E+08	5511
ENSG0000(	1.742621	2.543625	-0.49191	0.70552	0.78117	CTC-298B1	chr5	-	1.08E+08	1.08E+08	1146
ENSG0000(	1736.108	1005.635	0.78645	2.93E-08	1.20E-07	WSB2	chr12	-	1.18E+08	1.19E+08	2646
ENSG0000(	1.213446	42.26552	-4.7376	7.35E-09	3.15E-08	GRIN1	chr9	+	1.4E+08	1.4E+08	5142
ENSG0000(	6157.417	4710.33	0.38582	0.002814	0.006516	SOX11	chr2	+	5832799	5841516	8718
ENSG0000(	757.204	678.973	0.15749	0.31726	0.41995	TYMS	chr18	+	657604	673578	1662
ENSG0000(	10.36339	12.93975	-0.30441	0.67245	0.75474	PXMP2	chr12	+	1.33E+08	1.33E+08	1050
ENSG0000(	14.35824	31.47752	-1.1265	0.010413	0.021815	TCEANC	chrX	+	13671225	13700083	2988
ENSG0000(	2042.389	1475.909	0.46854	1.94E-06	6.76E-06	PNMA1	chr14	-	74178494	74181128	2635
ENSG0000(	2.718006	0.686276	1.5956	0.26037	0.35837	C8orf4	chr8	+	40010989	40012821	1833
ENSG0000(	101.2136	26.3369	1.9279	1.06E-09	4.89E-09	MAMSTR	chr19	-	49215999	49222978	1837
ENSG0000(	3.672853	69.08573	-4.0909	7.99E-10	3.72E-09	C18orf56	chr18	-	641320	658340	844
ENSG0000(	2182.838	1160.65	0.91053	1.88E-14	1.19E-13	ANKLE2	chr12	-	1.33E+08	1.33E+08	10890
ENSG0000(	2.987769	2.993578	-0.00389	0.99687	0.99826	C8G	chr9	+	1.4E+08	1.4E+08	855

ENSG0000(	18.23566	47.5801	-1.3691	0.001449	0.003508	FUT2	chr19	+	49199228	49209207	3111
ENSG0000(	4.451254	1.355566	1.5271	0.17186	0.25437	EFCAB5	chr17	+	28256218	28435470	5132
ENSG0000(	8.580504	20.58432	-1.2178	0.095284	0.15513	GCNT4	chr5	-	74323289	74326724	3436
ENSG0000(	5.145711	9.696149	-0.8902	0.23327	0.32693	TOB2P1	chr6	-	28185421	28186655	1142
ENSG0000(	0.36308	3.054271	-2.4434	0.090836	0.14891	MUC20	chr3	+	1.95E+08	1.95E+08	6193
ENSG0000(	945.6038	1609.941	-0.76686	3.12E-08	1.27E-07	THAP4	chr2	-	2.43E+08	2.43E+08	2367
ENSG0000(	845.2663	1017.771	-0.26769	0.036837	0.068185	NFATC2IP	chr16	+	28962128	28978418	4569
ENSG0000(	0	7.362125	-4.3847	0.001415	0.00343	LY6H	chr8	-	1.44E+08	1.44E+08	1591
ENSG0000(	1663.088	3.587607	8.7036	8.88E-92	4.54E-90	FIBIN	chr11	+	27015628	27018630	3003
ENSG0000(	24.12049	5.926464	1.9645	0.000474	0.001235	FAM89B	chr11	+	65339820	65341669	1409
ENSG0000(	347.784	885.5562	-1.3473	4.09E-23	3.97E-22	SHMT1	chr17	-	18231187	18266856	2756
ENSG0000(	504.3586	286.0117	0.81323	0.001327	0.00323	DPP7	chr9	-	1.4E+08	1.4E+08	1590
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	TRIM60	chr4	+	1.66E+08	1.66E+08	1888
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AP000679.	chr11	+	1.2E+08	1.2E+08	2081
ENSG0000(	2228.832	2044.511	0.12462	0.18351	0.26867	SEC24C	chr10	+	75504120	75531919	4668
ENSG0000(	0.632843	0	0.81931	0.64303	NA	FMR1NB	chrX	+	1.47E+08	1.47E+08	1021
ENSG0000(	364.8044	320.6445	0.18718	0.31232	0.4144	SMCR8	chr17	+	18218624	18226517	3427
ENSG0000(	0	2.414118	-2.7105	0.090717	0.14874	HCG4	chr6	-	29758816	29760850	2033
ENSG0000(	561.9557	340.2513	0.72354	1.17E-05	3.72E-05	MTHFR	chr1	-	11845780	11866977	7057
ENSG0000(	2.520208	4.242329	-0.66886	0.50394	0.60739	C19orf18	chr19	-	58469805	58485902	915
ENSG0000(	927.3468	1436.349	-0.62923	0.00178	0.004246	DEAF1	chr11	-	644233	706715	2500
ENSG0000(	511.0854	451.2029	0.17882	0.20123	0.29002	MTX3	chr5	-	79275584	79287082	4799
ENSG0000(	192.9661	165.9945	0.21584	0.26685	0.36556	TMEM80	chr11	+	695616	705028	2047
ENSG0000(	157.4538	188.0146	-0.25192	0.26408	0.36239	SIX5	chr19	-	46268043	46272141	2975
ENSG0000(	386.0302	739.2975	-0.93527	3.31E-08	1.34E-07	FBXO46	chr19	-	46213887	46234162	3001
ENSG0000(	618.8454	324.1937	0.93022	5.73E-12	3.08E-11	ZDHHC13	chr11	+	19138646	19197969	6304
ENSG0000(	178.3258	250.7983	-0.48942	0.056153	0.098461	SLC38A9	chr5	-	54921673	55069022	4032
ENSG0000(	14.16126	81.56801	-2.5184	4.82E-12	2.60E-11	ACER2	chr9	+	19408925	19452018	2238
ENSG0000(	407.3037	344.2268	0.24123	0.45206	0.55751	WDR73	chr15	-	85185999	85197574	5071
ENSG0000(	1608.469	3018.277	-0.90632	9.46E-10	4.37E-09	POLE	chr12	-	1.33E+08	1.33E+08	8011
ENSG0000(	416.7556	179.6338	1.2069	6.30E-08	2.50E-07	FAM109B	chr22	+	42470255	42475445	2335
ENSG0000(	3.330311	28.03727	-2.9804	5.50E-06	1.82E-05	SCN4B	chr11	-	1.18E+08	1.18E+08	4484
ENSG0000(	1.597063	6.564201	-1.8259	0.081601	0.13588	DSCAML1	chr11	-	1.17E+08	1.18E+08	6899
ENSG0000(	673.2755	425.0866	0.6607	0.001444	0.003497	RHOG	chr11	-	3848208	3862213	1319
ENSG0000(	98.74032	645.8344	-2.6972	3.32E-26	3.64E-25	EPS8L2	chr11	+	694438	727727	3844
ENSG0000(	4.947913	1930.185	-8.505	7.77E-107	4.97E-105	ZDHHC22	chr14	-	77597613	77609077	3408
ENSG0000(	0	1.430828	-1.4414	0.41759	NA	MRVI1-AS1	chr11	+	10562819	10621479	829
ENSG0000(	2615.866	1302.155	1.0057	2.11E-25	2.24E-24	ANO6	chr12	+	45609770	45834187	5975
ENSG0000(	339.2143	422.762	-0.31738	0.079443	0.13268	ZBTB34	chr9	+	1.3E+08	1.3E+08	6564
ENSG0000(	146.293	8.348704	4.0564	1.52E-28	1.83E-27	RP1-163G9	chr1	-	2976179	2985001	4247
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	FAM9B	chrX	-	8992273	9132680	3592
ENSG0000(	7.935682	5.941033	0.39729	0.57493	0.67184	NUDT4P1	chr1	-	1.45E+08	1.45E+08	543
ENSG0000(	206.0413	260.9636	-0.34077	0.033105	0.061943	FAM210A	chr18	-	13663346	13726662	4340
ENSG0000(	2013.256	4050.676	-1.0078	4.98E-29	6.11E-28	TALDO1	chr11	+	747329	765024	1346
ENSG0000(	1434.983	2373.548	-0.72503	1.08E-08	4.56E-08	ULK1	chr12	+	1.32E+08	1.32E+08	5310
ENSG0000(	11.53494	5.407697	1.0709	0.12673	0.19753	NAP1L4P1	chr1	-	1.17E+08	1.17E+08	1157
ENSG0000(	0	94.48993	-7.9446	6.18E-12	3.32E-11	RIMKLA	chr1	+	42846466	42880850	1510
ENSG0000(	2.366091	1.995719	0.2072	0.86209	0.90363	CLVS1	chr8	+	61969717	62414204	3622
ENSG0000(	1294.583	365.0951	1.8191	4.75E-18	3.65E-17	RPS6KA3	chrX	-	20168029	20285523	7918
ENSG0000(	89.95599	19.87232	2.1255	2.93E-06	1.00E-05	B3GNT8	chr19	-	41931264	41934635	1874
ENSG0000(	392.2072	1273.709	-1.6925	1.56E-13	9.33E-13	PUS1	chr12	+	1.32E+08	1.32E+08	2151
ENSG0000(	0.342542	0	0.4146	0.81455	NA	PCNPP5	chr13	-	48902220	48902700	481
ENSG0000(	2396.581	418.5323	2.5106	1.01E-32	1.44E-31	CHD9	chr16	+	53088945	53363062	13110
ENSG0000(	1.411244	18.95201	-3.5223	0.000136	0.00038	SPACA4	chr19	+	49110000	49110970	971
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	OR2T33	chr1	-	2.48E+08	2.48E+08	1066
ENSG0000(	1043.924	1177.53	-0.17369	0.25198	0.34875	PDDC1	chr11	-	767220	777488	4357
ENSG0000(	14.18098	0.700845	3.9758	9.48E-05	0.000271	C10orf85	chr10	+	1.22E+08	1.22E+08	1909
ENSG0000(	97.55597	94.27472	0.048825	0.82145	0.87444	AP006621.	chr11	+	780117	780755	636
ENSG0000(	0.290301	42.64504	-6.1621	7.71E-09	3.30E-08	TRIM72	chr16	+	31225342	31236510	2152
ENSG0000(	2168.609	1124.509	0.94614	9.33E-21	8.14E-20	MAN1B1	chr9	+	1.4E+08	1.4E+08	5048
ENSG0000(	0.36308	8.781672	-3.9457	0.001489	0.003597	KCNA3	chr1	-	1.11E+08	1.11E+08	3346
ENSG0000(	2700.052	376.0415	2.8348	3.17E-43	6.08E-42	FZD8	chr10	-	35927177	35930362	3186
ENSG0000(	0.580602	0.297015	0.36801	0.83644	NA	FBXO39	chr17	+	6679542	6700420	1677
ENSG0000(	0.995923	9.539921	-2.9313	0.005461	0.012071	KCNA2	chr1	-	1.11E+08	1.11E+08	3446
ENSG0000(	906.709	997.3181	-0.13665	0.32034	0.42316	TOP3A	chr17	-	18174742	18218321	4056

ENSG0000(	666.6255	1088.017	-0.70478	4.88E-05	0.000144	CASKIN2	chr17	-	73496342	73511664	5015
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	OR7E125P	chr8	-	7104248	7105874	954
ENSG0000(	624.8064	122.4414	2.3467	6.45E-44	1.26E-42	ZBTB38	chr3	+	1.41E+08	1.41E+08	7683
ENSG0000(	0.290301	6.030864	-3.4143	0.010191	0.021391	C8orf31	chr8	+	1.44E+08	1.44E+08	1875
ENSG0000(	75.38608	37.65246	0.98803	0.00071	0.001802	DLGAP1-AS	chr18	+	3593730	3598350	1966
ENSG0000(	2.738544	15.03671	-2.3671	0.002246	0.005268	AC024940.	chr12	+	31477250	31478879	1630
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RPL13AP3	chr14	+	56232895	56234435	1473
ENSG0000(	395.016	538.7505	-0.44772	0.00046	0.001202	CCDC71	chr3	-	49199968	49203754	1781
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	C10orf71	chr10	+	50507187	50535537	5230
ENSG0000(	2.426891	107.4034	-5.1983	6.49E-16	4.48E-15	RP11-551L	chr12	-	31264586	31359088	4427
ENSG0000(	98.56722	2.24661	5.2635	2.54E-19	2.06E-18	LRRN4CL	chr11	-	62453874	62457371	2585
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	RP1-62O9..	chr17	+	47325601	47336024	2317
ENSG0000(	538.1392	467.7463	0.20193	0.38639	0.49056	TIMM22	chr17	+	900357	905407	1690
ENSG0000(	1305.508	6.999585	7.4867	1.07E-111	7.28E-110	HIC1	chr17	+	1957448	1962980	3156
ENSG0000(	273.6585	610.6236	-1.1509	2.11E-05	6.52E-05	PPFIA3	chr19	+	49622646	49654283	4733
ENSG0000(	969.9681	1359.666	-0.48651	0.001035	0.00256	MAGEF1	chr3	-	1.84E+08	1.84E+08	1681
ENSG0000(	0	2.370411	-2.6458	0.10384	0.16657	UMODL1	chr21	+	43483068	43563105	5442
ENSG0000(	25.55146	59.688	-1.2208	0.00071	0.001801	RP11-218M	chr12	+	740057	772872	2338
ENSG0000(	165.7258	0.715414	7.4264	4.31E-19	3.46E-18	SAMD9L	chr7	-	92759368	92777682	7134
ENSG0000(	642.4909	1112.831	-0.79133	2.16E-12	1.20E-11	ZFAS1	chr20	+	47894715	47905797	1075
ENSG0000(	0.705622	2.482932	-1.5048	0.2876	0.38929	AC006001.	chr7	-	66021832	66022349	516
ENSG0000(	742.4984	2263.494	-1.6055	2.88E-32	4.01E-31	PAWR	chr12	-	79968759	80084877	9129
ENSG0000(	1628.353	1768.007	-0.11863	0.40979	0.51462	TGIF1	chr18	+	3411606	3459976	3030
ENSG0000(	218.5331	262.0394	-0.26075	0.25514	0.35237	SMCR7	chr17	+	18163848	18169866	3364
ENSG0000(	144.5274	41.41724	1.7885	4.59E-09	2.00E-08	NAP1L5	chr4	-	89617066	89619386	2321
ENSG0000(	0.632843	3.445948	-1.8506	0.21471	0.30569	RP4-597J3.	chr1	-	64254392	64254975	584
ENSG0000(	2.592987	0	2.8438	0.071235	0.12092	NIM1	chr5	+	43192173	43280952	2929
ENSG0000(	1.576526	33.51298	-4.1171	5.00E-07	1.83E-06	CD19	chr16	+	28943260	28950667	2322
ENSG0000(	11.00479	21.99662	-0.96495	0.076907	0.12916	C8orf47	chr8	+	99076539	99105838	1761
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	OR2T8	chr1	+	2.48E+08	2.48E+08	939
ENSG0000(	384.1527	204.4717	0.90572	7.79E-06	2.54E-05	NR2C2	chr3	+	14989091	15095107	3308
ENSG0000(	0	1.949596	-2.4359	0.13595	0.20899	GPR4	chr19	-	46093022	46105466	3048
ENSG0000(	14.8549	35.05788	-1.2249	0.004828	0.010778	ACOT4	chr14	+	74058410	74063200	2362
ENSG0000(	0	33.25611	-5.2723	NA	NA	OLIG3	chr6	-	1.38E+08	1.38E+08	2196
ENSG0000(	18792.07	954.5906	4.2907	2.10E-174	3.36E-172	PTRF	chr17	-	40554470	40575535	3828
ENSG0000(	820.5624	1318.346	-0.68295	3.28E-08	1.33E-07	ARIH2	chr3	+	48956254	49023815	4933
ENSG0000(	24.43989	13.1284	0.87263	0.095028	0.15476	RBM44	chr2	+	2.39E+08	2.39E+08	5358
ENSG0000(	420.4177	339.4099	0.30938	0.019219	0.038085	ZBTB33	chrX	+	1.19E+08	1.19E+08	5211
ENSG0000(	0.653381	0	0.82678	0.64037	NA	ZBED2	chr3	-	1.11E+08	1.11E+08	2311
ENSG0000(	0.36308	1.903472	-1.6912	0.30152	0.40282	VCX2	chrX	-	8137989	8139308	811
ENSG0000(	58.71334	22.47812	1.3835	0.000118	0.000334	IRX3	chr16	-	54317216	54320675	2601
ENSG0000(	0	75.94815	-7.7471	3.79E-12	2.07E-11	ST8SIA3	chr18	+	55018044	55038962	11833
ENSG0000(	0	462.2951	-10.151	6.04E-21	5.31E-20	RPRM	chr2	-	1.54E+08	1.54E+08	1471
ENSG0000(	795.1328	913.2803	-0.19897	0.14477	0.22013	SLC25A22	chr11	-	790475	798316	2894
ENSG0000(	799.3709	392.998	1.0235	5.03E-13	2.92E-12	RABEP2	chr16	-	28915742	28947847	2821
ENSG0000(	0	203.458	-9.0534	1.61E-16	1.14E-15	NHLH2	chr1	-	1.16E+08	1.16E+08	7226
ENSG0000(	612.5166	310.5399	0.98066	4.73E-10	2.23E-09	ATOX1	chr5	-	1.51E+08	1.51E+08	4341
ENSG0000(	0	1.591889	-2.1342	0.20414	NA	FAM187B	chr19	-	35715703	35719632	1184
ENSG0000(	1626.323	1495	0.12176	0.34209	0.44599	TBL1XR1	chr3	-	1.77E+08	1.77E+08	7948
ENSG0000(	36.41167	96.96242	-1.3979	5.57E-07	2.04E-06	SAMD12	chr8	-	1.19E+08	1.2E+08	8866
ENSG0000(	4.430716	0.686276	2.2428	0.090235	0.1481	CD163	chr12	-	7623409	7656489	5312
ENSG0000(	5.455736	6.03328	-0.12009	0.87962	0.91622	C18orf32	chr18	-	47008028	47013622	1128
ENSG0000(	419.7948	733.5829	-0.80255	0.000242	0.000655	PIDD	chr11	-	799179	809753	4496
ENSG0000(	20.84935	3.867637	2.3075	0.002043	0.004827	ZNF491	chr19	+	11908482	11920437	2471
ENSG0000(	6903.601	10673.53	-0.62805	2.05E-10	9.95E-10	RPLP2	chr11	+	809647	812880	781
ENSG0000(	114.7387	374.3879	-1.7025	1.98E-22	1.86E-21	GSG2	chr17	+	3627211	3630067	2857
ENSG0000(	3854.605	503.5881	2.934	7.69E-149	8.66E-147	JUN	chr1	-	59246465	59249785	3321
ENSG0000(	911.7689	939.576	-0.04294	0.82174	0.8745	CSTF2T	chr10	-	53455247	53459355	4109
ENSG0000(	73.63148	697.6352	-3.2361	4.43E-84	1.98E-82	PGBD5	chr1	-	2.3E+08	2.31E+08	3443
ENSG0000(	0.290301	0	0.4146	0.81455	NA	C12orf54	chr12	+	48876286	48890295	887
ENSG0000(	635.2959	171.9715	1.8793	1.57E-16	1.11E-15	GBA	chr1	-	1.55E+08	1.55E+08	2400
ENSG0000(	6.26584	7.503784	-0.25682	0.71733	0.79066	CASC2	chr10	+	1.2E+08	1.2E+08	3268
ENSG0000(	646.3324	349.7669	0.88319	2.59E-05	7.91E-05	ACAD9	chr3	+	1.29E+08	1.29E+08	2454
ENSG0000(	231.874	421.8043	-0.86352	6.44E-08	2.55E-07	IL17RA	chr22	+	17565844	17596583	8607
ENSG0000(	474.2999	752.0414	-0.66349	2.08E-06	7.21E-06	PNPLA2	chr11	+	818902	825573	2726

ENSG0000(	0.870904	1.043983	-0.13638	0.93492	0.95734	MBOAT4	chr8	-	29989340	30002202	1512
ENSG0000(	667.4617	1221.584	-0.87063	6.30E-15	4.11E-14	AGTRAP	chr1	+	11796141	11814859	1116
ENSG0000(	69.21291	2.681995	4.5793	1.52E-15	1.03E-14	CD163L1	chr12	-	7499281	7632493	4615
ENSG0000(	30.353	614.461	-4.2953	1.90E-35	2.93E-34	SRRM3	chr7	+	75831216	75916605	3614
ENSG0000(	238.2297	127.0542	0.90591	5.49E-06	1.82E-05	THAP5	chr7	-	1.08E+08	1.08E+08	3306
ENSG0000(	19.44234	551.0178	-4.809	3.55E-62	1.09E-60	EFCAB4A	chr11	+	826144	831991	2440
ENSG0000(	2.188831	2.073397	0.085816	0.95138	0.96962	SUMO4	chr6	+	1.5E+08	1.5E+08	683
ENSG0000(	11.3585	19.67233	-0.76449	0.14223	0.21676	DNAJC28	chr21	-	34860497	34864027	1625
ENSG0000(	51.69208	11.13751	2.1782	7.06E-08	2.79E-07	NAALADL2	chr3	+	1.74E+08	1.76E+08	4953
ENSG0000(	3598.285	1440.787	1.3183	7.57E-26	8.19E-25	CD151	chr11	+	832843	839831	1803
ENSG0000(	0.36308	0.700845	-0.575	0.7429	NA	RP11-16K1	chr15	+	79271231	79278268	1900
ENSG0000(	905.4829	951.3716	-0.07127	0.54448	0.64483	POLR2L	chr11	-	837356	842545	892
ENSG0000(	2255.822	1489.8	0.59716	5.30E-05	0.000156	FAM20C	chr7	+	192969	300711	2751
ENSG0000(	419.3471	389.7351	0.1054	0.7025	0.77873	PVRL3	chr3	+	1.11E+08	1.11E+08	3664
ENSG0000(	3.838949	1.043983	1.6018	0.20999	0.30002	SLC35G5	chr8	+	11188397	11189717	1321
ENSG0000(	26.06963	26.4607	-0.01626	0.96701	0.98123	ANXA2R	chr5	-	43039335	43043272	2234
ENSG0000(	4.273994	1.043983	1.8086	0.12459	0.19479	AC105206.	chr8	+	22026851	22029223	2368
ENSG0000(	1298.545	1370.022	-0.07655	0.4684	0.57315	KIAA0195	chr17	+	73437240	73496171	5632
ENSG0000(	3917.477	3997.719	-0.02934	0.79881	0.8575	FLII	chr17	-	18148150	18162230	4338
ENSG0000(	3613.053	3315.655	0.12366	0.31887	0.42176	SOX12	chr20	+	306207	310865	4627
ENSG0000(	7023.948	12256.84	-0.80225	1.04E-10	5.15E-10	HNRNPA0	chr5	-	1.37E+08	1.37E+08	2965
ENSG0000(	1.048164	1.698704	-0.58067	0.67797	0.75882	RP11-474P	chr9	-	1.28E+08	1.28E+08	547
ENSG0000(	119.9932	99.97533	0.26378	0.28832	0.38991	CTD-2201E	chr5	-	43014516	43067521	2388
ENSG0000(	2.998934	0.297015	2.3963	0.10882	0.17341	FAM87B	chr1	+	752751	755214	1944
ENSG0000(	120.6755	197.3695	-0.70777	0.004349	0.009773	ZCCHC3	chr20	+	277737	280965	3229
ENSG0000(	0.653381	0	0.82678	0.64037	NA	CDKN2AIPI	chr1	-	2.27E+08	2.27E+08	302
ENSG0000(	0	2.855208	-2.7373	0.10153	0.16346	RPS2P2	chr14	-	74844521	74845121	601
ENSG0000(	2.375464	4.464082	-0.8538	0.40986	0.51465	RP5-1061H	chr1	-	2.29E+08	2.29E+08	868
ENSG0000(	5.653535	70.27527	-3.5575	8.32E-11	4.14E-10	MYOZ1	chr10	-	75391412	75401515	1541
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	TMEM78	chr1	+	2.29E+08	2.29E+08	2175
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-606P	chr4	+	1.65E+08	1.65E+08	657
ENSG0000(	0	3.290593	-3.2571	0.028994	0.055057	KCNJ10	chr1	-	1.6E+08	1.6E+08	5293
ENSG0000(	1093.689	83.77246	3.7012	5.33E-130	4.81E-128	AC108142.	chr4	-	1.83E+08	1.83E+08	2260
ENSG0000(	1482.005	1205.31	0.29836	0.003819	0.008655	CHID1	chr11	-	867357	915058	3537
ENSG0000(	169.7308	32.06671	2.3827	2.83E-20	2.41E-19	PCDHB9	chr5	+	1.41E+08	1.41E+08	4217
ENSG0000(	13.16452	222.6351	-4.0439	1.03E-33	1.50E-32	ZNF620	chr3	+	40547483	40560227	3291
ENSG0000(	252.7175	602.3098	-1.2465	1.34E-08	5.63E-08	ZNF518A	chr10	+	97889472	97965044	8284
ENSG0000(	113.023	127.8867	-0.17942	0.60458	0.69777	TMEM187	chrX	+	1.53E+08	1.53E+08	1880
ENSG0000(	8.672193	16.57677	-0.8953	0.11634	0.18395	CACYBPP2	chr2	-	1.84E+08	1.84E+08	678
ENSG0000(	126.0415	138.051	-0.12667	0.53216	0.63332	CCDC23	chr1	-	43272723	43282954	708
ENSG0000(	27.85512	29.39929	-0.07943	0.84515	0.89145	ZNF619	chr3	+	40518604	40531727	4153
ENSG0000(	5.798278	19.2879	-1.6681	0.004734	0.01058	C12orf68	chr12	+	48577366	48579709	2344
ENSG0000(	820.8725	646.02	0.34576	0.001353	0.00329	AP3S1	chr5	+	1.15E+08	1.15E+08	1730
ENSG0000(	1573.797	1340.846	0.23113	0.025712	0.049506	GRB2	chr17	-	73314157	73401790	3729
ENSG0000(	230.3291	38.38883	2.5721	1.91E-14	1.21E-13	ZBTB41	chr1	-	1.97E+08	1.97E+08	3779
ENSG0000(	1820.584	2090.697	-0.19886	0.22243	0.31468	UBE2N	chr12	-	93799449	93836038	3671
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	SPATA31C2	chr9	-	90744220	90753361	3777
ENSG0000(	439.4832	888.5136	-1.0146	3.87E-14	2.40E-13	ARL6IP6	chr2	+	1.54E+08	1.54E+08	2805
ENSG0000(	159.6501	170.9028	-0.10198	0.61271	0.70493	ZNF354C	chr5	+	1.78E+08	1.79E+08	5411
ENSG0000(	117.7281	91.67858	0.35844	0.17197	0.25448	MAMDC4	chr9	+	1.4E+08	1.4E+08	4110
ENSG0000(	31.2975	40.32143	-0.36151	0.37104	0.47549	CENPBD1	chr16	-	90036206	90038942	2737
ENSG0000(	1.774324	0.951736	0.65979	0.65895	0.74291	ODF3	chr11	+	196738	200261	3053
ENSG0000(	918.5236	358.392	1.3571	4.33E-27	4.92E-26	BET1L	chr11	-	167784	207428	2916
ENSG0000(	6654.892	10418.83	-0.64568	1.68E-06	5.88E-06	RPS27	chr1	+	1.54E+08	1.54E+08	625
ENSG0000(	3033.753	1340.903	1.1758	2.05E-13	1.21E-12	RIC8A	chr11	+	207511	215113	3703
ENSG0000(	381.0814	1053.19	-1.462	8.92E-19	7.06E-18	IMP3	chr15	-	75931426	75941047	2028
ENSG0000(	292.4838	88.83386	1.7129	6.05E-21	5.32E-20	ASB8	chr12	-	48541571	48574996	2615
ENSG0000(	0	8.072706	-4.6042	0.000421	0.001104	LCN15	chr9	-	1.4E+08	1.4E+08	2885
ENSG0000(	8.227775	10.14294	-0.29416	0.72224	0.79444	ODF3B	chr22	-	50968139	50971009	1722
ENSG0000(	95.58564	29.03588	1.7078	8.75E-10	4.06E-09	DPY19L2	chr12	-	63952693	64062719	4060
ENSG0000(	1.991846	1.669566	0.21381	0.87033	0.90959	SPATA31E1	chr9	+	90497741	90503814	4478
ENSG0000(	2.209369	3.24447	-0.48512	0.64966	0.73559	ZNRF3-AS1	chr22	-	29420987	29427464	2170
ENSG0000(	0.36308	0	0.4146	0.81455	NA	C2orf73	chr2	+	54557171	54610879	1921
ENSG0000(	2.717192	3.526915	-0.31046	0.7869	0.84758	GPR150	chr5	+	94955782	94957846	2065
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	TSPYL6	chr2	-	54480315	54483409	3095

ENSG0000(	228.5745	215.3643	0.084354	0.77182	0.83564	FAM211B	chr22	-	24981588	24989175	2943
ENSG0000(	675.0063	547.0554	0.30283	0.17233	0.25492	DMAP1	chr1	+	44679127	44686353	4552
ENSG0000(	9595.852	20.88952	8.8149	0	0	ADAMTSL1	chr9	+	18473892	18910948	8030
ENSG0000(	369.3773	1.71569	7.554	4.75E-36	7.44E-35	FAM26E	chr6	+	1.17E+08	1.17E+08	9784
ENSG0000(	2187.711	6000.601	-1.4536	1.80E-26	2.00E-25	IMPDH2	chr3	-	49061758	49066841	1643
ENSG0000(	16.83738	130.0951	-2.9302	1.38E-19	1.14E-18	ALS2CL	chr3	-	46710487	46735194	6593
ENSG0000(	167.4403	199.0249	-0.24866	0.2282	0.32126	MLF1	chr3	+	1.58E+08	1.58E+08	3048
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	PRSS42	chr3	-	46871032	46875585	1280
ENSG0000(	540.761	240.2391	1.1683	1.17E-17	8.86E-17	NDUFAF3	chr3	+	49057892	49060928	2012
ENSG0000(	267.5402	403.3778	-0.59238	0.000555	0.00143	C2orf69	chr2	+	2.01E+08	2.01E+08	3728
ENSG0000(	38.2921	25.21765	0.58719	0.12499	0.19535	GRAMD1C	chr3	+	1.14E+08	1.14E+08	4177
ENSG0000(	27.05618	397.7135	-3.8506	7.72E-52	1.86E-50	STAP2	chr19	-	4324040	4342783	2043
ENSG0000(	2.229907	9.540794	-1.9236	0.038218	0.0705	ULK4P3	chr15	+	30395923	30423960	1158
ENSG0000(	7.04424	1.713273	1.893	0.05106	0.090605	TWF1P1	chr17	-	27530441	27531492	1050
ENSG0000(	0	1.40169	-1.7271	0.32809	NA	HTR3C	chr3	+	1.84E+08	1.84E+08	1697
ENSG0000(	26.54657	134.8273	-2.3173	2.84E-09	1.26E-08	TSSK6	chr19	-	19623222	19627004	2513
ENSG0000(	96.75026	169.6729	-0.8054	0.0095	0.020044	BOLA1	chr1	+	1.5E+08	1.5E+08	1096
ENSG0000(	1898.017	584.4294	1.6982	2.95E-57	8.08E-56	PDE4DIP	chr1	-	1.45E+08	1.45E+08	8824
ENSG0000(	558.4915	773.4603	-0.46853	0.000549	0.001415	DDX10	chr11	+	1.09E+08	1.09E+08	6707
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	RP11-998D	chr14	+	21576202	21584862	358
ENSG0000(	5.861684	1.280305	1.9455	0.072798	0.12324	GOLGA8Q	chr15	+	30844183	30854704	1899
ENSG0000(	0.632843	1.309443	-0.75604	0.63051	0.71982	PPP1R42	chr8	-	67876334	67968839	1282
ENSG0000(	18.82841	28.97847	-0.60988	0.19218	0.27933	NDUFV2	chr18	+	9102628	9134343	942
ENSG0000(	1.774324	1.98115	-0.16276	0.90045	0.93109	RP1-232L2	chrX	-	1.01E+08	1.01E+08	1570
ENSG0000(	502.2419	525.4243	-0.06529	0.70251	0.77873	DALRD3	chr3	-	49052921	49059726	2987
ENSG0000(	17.99002	195.7601	-3.4293	3.02E-30	3.88E-29	ZNF114	chr19	+	48675575	48790865	2478
ENSG0000(	0.36308	54.80056	-6.5087	3.33E-10	1.59E-09	AC140481.	chr2	-	1.31E+08	1.31E+08	3992
ENSG0000(	491.7798	395.1677	0.31359	0.18342	0.26856	ZNF518B	chr4	-	10441498	10459034	6894
ENSG0000(	0	5.750835	-4.0924	0.00284	0.006573	AMER3	chr2	+	1.32E+08	1.32E+08	6172
ENSG0000(	0.342542	0	0.4146	0.81455	NA	SPINK6	chr5	+	1.48E+08	1.48E+08	686
ENSG0000(	215.1553	157.1964	0.45303	0.048976	0.087408	LCORL	chr4	-	17844839	18023499	5009
ENSG0000(	454.3806	613.1345	-0.43212	0.014961	0.030318	PARD6G	chr18	-	77915115	78005429	3868
ENSG0000(	3.112789	49.86638	-3.9325	8.68E-11	4.31E-10	ZNF454	chr5	+	1.78E+08	1.78E+08	2332
ENSG0000(	991.7436	1001.545	-0.01388	0.91902	0.94545	SH2B1	chr16	+	28857921	28885526	6043
ENSG0000(	2.738544	2.757256	-0.0085	0.99401	0.99669	ZC3H12D	chr6	-	1.5E+08	1.5E+08	3046
ENSG0000(	2.085163	0.937167	0.89024	0.52421	0.62641	VN1R1	chr19	-	57966542	57967854	1313
ENSG0000(	1914.484	338.2097	2.4979	6.23E-100	3.52E-98	KDELC2	chr11	-	1.08E+08	1.08E+08	4374
ENSG0000(	47996.6	8398.79	2.5088	1.66E-48	3.65E-47	PLEC	chr8	-	1.45E+08	1.45E+08	15249
ENSG0000(	0.72616	1.874334	-1.0193	0.52499	0.62698	SH2D4B	chr10	+	82297658	82406316	3983
ENSG0000(	2.407167	11.94034	-2.198	0.009816	0.020661	RNF212	chr4	-	1050038	1107350	2332
ENSG0000(	6.16315	22.47496	-1.7886	0.009482	0.020013	PRSS36	chr16	-	31150246	31161415	2840
ENSG0000(	92.33471	179.6246	-0.95872	1.02E-05	3.28E-05	ZNF543	chr19	+	57831877	57842144	3659
ENSG0000(	22.30346	246.3697	-3.4305	3.64E-33	5.23E-32	TMEM151E	chr6	+	44238203	44346694	4895
ENSG0000(	672.6084	416.2159	0.6892	0.001569	0.003773	GALNT11	chr7	+	1.52E+08	1.52E+08	3863
ENSG0000(	18.54748	19.91677	-0.1012	0.82828	0.87901	SLITRK1	chr13	-	84451344	84456528	5185
ENSG0000(	3685.576	3758.959	-0.02832	0.83935	0.88732	WDR6	chr3	+	49044495	49053386	4401
ENSG0000(	300.2331	362.7079	-0.27019	0.3263	0.42918	GEN1	chr2	+	17935125	17966632	6367
ENSG0000(	22.49091	36.96061	-0.71298	0.12403	0.1941	TMPRSS9	chr19	+	2389769	2426237	3331
ENSG0000(	20.04088	42.16428	-1.0601	0.007524	0.016176	AQP11	chr11	+	77300436	77321400	2152
ENSG0000(	524.5365	627.5501	-0.25821	0.043325	0.078592	TMEM11	chr17	-	21100593	21117937	2095
ENSG0000(	101.6356	105.2465	-0.0535	0.84327	0.89005	ZNF354B	chr5	+	1.78E+08	1.78E+08	2802
ENSG0000(	6.492735	17.94133	-1.398	0.064444	0.11106	KCNG2	chr18	+	77623668	77660184	1538
ENSG0000(	97.14074	452.2971	-2.1984	2.15E-12	1.19E-11	SHISA3	chr4	+	42399856	42404504	1971
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	OR2D3	chr11	+	6942205	6943264	1060
ENSG0000(	145.7732	71.4873	1.0284	1.59E-05	4.98E-05	ZFAND2A	chr7	-	1191707	1200395	1084
ENSG0000(	107.9331	45.41841	1.2379	1.82E-06	6.36E-06	PLEKHM3	chr2	-	2.09E+08	2.09E+08	3689
ENSG0000(	14.85409	8.729844	0.76129	0.19284	0.28013	ZNF223	chr19	+	44555520	44572144	2418
ENSG0000(	1.068702	6.857926	-2.385	0.041496	0.075679	HTR1A	chr5	-	63256183	63258334	1598
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	C1orf65	chr1	+	2.24E+08	2.24E+08	2098
ENSG0000(	347.2083	381.3878	-0.13489	0.58465	0.68049	FAM220A	chr7	-	6369040	6388612	2214
ENSG0000(	18.5064	4.395268	2.0258	0.001555	0.003743	DNAJC22	chr12	+	49740700	49751309	2628
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	NEUROG2	chr4	-	1.13E+08	1.13E+08	2287
ENSG0000(	38.10205	11.37384	1.7081	0.000125	0.000353	CTD-2373H	chr17	-	76866992	76899299	2090
ENSG0000(	262.7776	1581.525	-2.5694	9.20E-17	6.64E-16	BEND3	chr6	-	1.07E+08	1.07E+08	6644
ENSG0000(	2.116866	2.416535	-0.16046	0.90986	0.93808	RP11-567M	chr18	-	77398928	77439745	1111

ENSG0000(	237.9754	476.6137	-0.9984	2.52E-12	1.39E-11	NT5DC1	chr6	+	1.16E+08	1.17E+08	3118
ENSG0000(	3.475055	10.20035	-1.4494	0.064662	0.11136	RPS3AP5	chr10	+	86320199	86321019	786
ENSG0000(	1.991846	4.899467	-1.1939	0.23676	0.33088	AC006111.	chr16	+	3725411	3727060	1649
ENSG0000(	38.16529	22.09369	0.78127	0.053968	0.095068	LINC00843	chr10	+	51732523	51741813	562
ENSG0000(	140.9349	4145.594	-4.8739	0	0	GLDC	chr9	-	6532464	6645650	3767
ENSG0000(	232.4896	231.2025	0.008479	0.95538	0.97246	COX14	chr12	+	50505762	50559203	739
ENSG0000(	13.87014	26.50924	-0.92137	0.03596	0.066778	H3F3AP6	chr4	-	1.41E+08	1.41E+08	411
ENSG0000(	4.659403	23.07544	-2.2114	0.002489	0.005803	MCMDC2	chr8	+	67782984	67834283	5096
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	TUBAL3	chr10	-	5435061	5446793	1798
ENSG0000(	20.98716	20.87737	0.00292	0.99462	0.99686	CTD-2192J	chr19	-	12754089	12754733	645
ENSG0000(	224.376	260.0228	-0.212	0.42043	0.5259	P4HTM	chr3	+	49027319	49044587	5285
ENSG0000(	534.6671	475.2518	0.16866	0.18683	0.27271	DTX3	chr12	+	57998405	58003587	3199
ENSG0000(	95.05981	103.8179	-0.12169	0.61282	0.70497	KLHL11	chr17	-	40009797	40021684	2383
ENSG0000(	677.1927	762.2924	-0.17028	0.26867	0.3676	CTXN1	chr19	-	7989372	7991051	1272
ENSG0000(	203.3567	81.68207	1.3117	1.60E-11	8.36E-11	SLC25A20	chr3	-	48894369	48936426	1879
ENSG0000(	0.653381	187.0016	-7.5864	2.01E-19	1.64E-18	CA8	chr8	-	61099906	61193971	3812
ENSG0000(	668.617	325.2562	1.0384	3.24E-16	2.27E-15	EPM2AIP1	chr3	-	37027357	37034795	7439
ENSG0000(	7.084503	24.8631	-1.7473	0.001598	0.003837	ERBB4	chr2	-	2.12E+08	2.13E+08	12132
ENSG0000(	576.4627	115.5295	2.3049	1.60E-22	1.51E-21	MAF	chr16	-	79619740	79634611	6384
ENSG0000(	1204.577	652.6033	0.88262	1.50E-11	7.88E-11	CTNNBIP1	chr1	-	9908334	9970394	3000
ENSG0000(	2.250445	1.043983	0.8999	0.534	0.63491	PSAPL1	chr4	-	7432022	7436700	4679
ENSG0000(	0.36308	0	0.4146	0.81455	NA	OTOS	chr2	-	2.41E+08	2.41E+08	642
ENSG0000(	1290.691	995.5539	0.37437	0.006045	0.013251	GTPBP6	chrX	-	220025	230886	2016
ENSG0000(	158.5542	50.0582	1.649	2.63E-08	1.08E-07	ERN1	chr17	-	62120353	62207504	4025
ENSG0000(	4.761279	2.263595	0.96103	0.37656	0.48058	GPR35	chr2	+	2.42E+08	2.42E+08	2249
ENSG0000(	4.781817	5.087249	-0.08552	0.92365	0.94857	ACTG1P1	chr3	+	1.39E+08	1.39E+08	1129
ENSG0000(	0.632843	4.478651	-2.3796	0.056795	0.099473	RP11-455G	chr4	-	1.2E+08	1.2E+08	2097
ENSG0000(	2.86275	4.867912	-0.69805	0.45497	0.56028	AL513477.	chr1	+	2316811	2319922	3110
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	C10orf53	chr10	+	50887697	50918307	2415
ENSG0000(	2.334388	2.728118	-0.19323	0.86338	0.90467	ARMC10P1	chr3	-	94225610	94226464	855
ENSG0000(	213.4779	82.8792	1.3538	6.01E-06	1.98E-05	CSRNP3	chr2	+	1.66E+08	1.67E+08	11788
ENSG0000(	47.77098	30.22393	0.65384	0.045326	0.081599	ZNF713	chr7	+	55955169	56009918	3550
ENSG0000(	60.04227	56.98239	0.079627	0.77392	0.83729	PARP10	chr8	-	1.45E+08	1.45E+08	3497
ENSG0000(	0	3.679854	-3.4118	0.020515	0.040357	DYNAP	chr18	+	52254988	52266724	2027
ENSG0000(	704.285	577.537	0.28558	0.099035	0.16013	SUZ12	chr17	+	30264037	30328064	4491
ENSG0000(	128.6392	84.42718	0.60187	0.011249	0.023383	NSUN3	chr3	+	93781760	93847389	3289
ENSG0000(	1503.889	309.8576	2.2758	3.03E-51	7.18E-50	KCTD12	chr13	-	77454312	77460540	6214
ENSG0000(	124.0658	74.50855	0.73297	0.02142	0.04198	DHFRL1	chr3	-	93766680	93782233	4038
ENSG0000(	77.40205	1580.47	-4.3469	9.99E-158	1.29E-155	RPP25	chr15	-	75246757	75249805	3049
ENSG0000(	1567.765	1017.677	0.6234	4.51E-07	1.66E-06	GRINA	chr8	+	1.45E+08	1.45E+08	1968
ENSG0000(	0.943682	0	1.2438	0.48556	NA	C5orf64	chr5	+	60933535	61047590	2970
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	GLULP4	chr9	+	34917172	34918293	1122
ENSG0000(	2.572449	19.97901	-2.7969	0.000205	0.00056	THBD	chr20	-	23026270	23030378	4109
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	GP5	chr3	-	1.94E+08	1.94E+08	3534
ENSG0000(	822.0579	1761.166	-1.0985	1.07E-22	1.02E-21	COX5A	chr15	-	75212132	75230509	1268
ENSG0000(	1.649304	4.22776	-1.2354	0.23904	0.33364	STX19	chr3	-	93733213	93747454	1158
ENSG0000(	154.9438	168.7447	-0.12398	0.63379	0.72255	FAM132B	chr2	+	2.39E+08	2.39E+08	2307
ENSG0000(	508.2745	466.6038	0.1222	0.37902	0.48314	FAM219B	chr15	-	75192328	75199462	4706
ENSG0000(	314.1622	647.9362	-1.0426	3.06E-11	1.58E-10	ZHX2	chr8	+	1.24E+08	1.24E+08	4622
ENSG0000(	4.170326	0.715414	2.1015	0.1248	0.19507	CPN2	chr3	-	1.94E+08	1.94E+08	3028
ENSG0000(	86.3815	206.4099	-1.254	1.33E-08	5.56E-08	CPNE7	chr16	+	89642176	89663654	2657
ENSG0000(	0.342542	13.44394	-4.4547	0.00033	0.000879	C5orf46	chr5	-	1.47E+08	1.47E+08	573
ENSG0000(	1.265686	0	1.6147	0.36215	NA	CD300LB	chr17	-	72517313	72527613	2286
ENSG0000(	1.608228	1.66715	-0.03103	0.98267	0.99021	GDPD4	chr11	-	76927603	77012732	2533
ENSG0000(	436.9349	619.6711	-0.50245	0.000532	0.001375	MPI	chr15	+	75182346	75191798	3066
ENSG0000(	10.3532	7.204353	0.50579	0.45653	0.56183	ADORA2A-A	chr22	-	24825178	24891042	2568
ENSG0000(	2.810509	3.394993	-0.21373	0.85976	0.90176	TRIM73	chr7	+	75024337	75040279	3875
ENSG0000(	477.7135	628.9207	-0.39567	0.052045	0.092132	OPLAH	chr8	-	1.45E+08	1.45E+08	4033
ENSG0000(	12.85368	152.3005	-3.5372	7.86E-26	8.49E-25	TMEM52	chr1	-	1849029	1850712	1118
ENSG0000(	1.669842	11.6393	-2.6165	0.004233	0.009523	TMEM139	chr7	+	1.43E+08	1.43E+08	2383
ENSG0000(	32.23441	30.06213	0.088675	0.83393	0.8832	EFCAB13	chr17	+	45400656	45518678	3931
ENSG0000(	1055.846	50.88834	4.3595	2.00E-77	8.15E-76	MSC	chr8	-	72753784	72756703	2023
ENSG0000(	53.91261	15.17266	1.8085	7.71E-07	2.78E-06	APOLD1	chr12	+	12878865	12944400	4646
ENSG0000(	70.55994	155.5287	-1.1307	3.54E-06	1.20E-05	FAM101A	chr12	+	1.25E+08	1.25E+08	2148
ENSG0000(	166.5021	211.0275	-0.33789	0.078168	0.13092	EXOSC4	chr8	+	1.45E+08	1.45E+08	1065

ENSG0000(	1091.818	1008.178	0.11505	0.29836	0.4002	DPY19L3	chr19	+	32896655	32976801	6015
ENSG0000(	882.7356	833.8416	0.081875	0.49971	0.60339	TAF7	chr5	-	1.41E+08	1.41E+08	2274
ENSG0000(	63.37421	85.46404	-0.43432	0.12652	0.19724	ZNF852	chr3	-	44540462	44552128	3535
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	FOXE1	chr9	+	1.01E+08	1.01E+08	3451
ENSG0000(	1750.721	4084.305	-1.2188	2.62E-11	1.35E-10	PFAS	chr17	+	8150936	8173809	5371
ENSG0000(	62.92833	31.13196	1.0055	0.001813	0.004318	HYI	chr1	-	43916824	43919660	2173
ENSG0000(	1476.97	1062.012	0.47553	4.49E-05	0.000133	C17orf62	chr17	-	80400465	80408705	4327
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	TPRX1	chr19	-	48304500	48322308	2059
ENSG0000(	0.632843	0	0.81931	0.64303	NA	LGALS7B	chr19	+	39279851	39282389	532
ENSG0000(	70.62074	142.0165	-0.99631	3.19E-05	9.64E-05	ZNF552	chr19	-	58315209	58326281	2352
ENSG0000(	8.766323	125.4053	-3.8032	8.82E-19	6.99E-18	LINC00086	chrX	+	1.35E+08	1.35E+08	2913
ENSG0000(	2283.443	2415.202	-0.08102	0.46347	0.56852	GAK	chr4	-	843064	926161	4442
ENSG0000(	1127.527	806.8008	0.48178	0.000332	0.000883	ZBTB7A	chr19	-	4044362	4066943	5422
ENSG0000(	3733.495	5660.639	-0.59969	1.49E-09	6.75E-09	TUFM	chr16	-	28853732	28857729	2071
ENSG0000(	2.551911	0.715414	1.498	0.29758	0.39953	C1orf173	chr1	-	75033795	75139422	7159
ENSG0000(	201.1871	411.8713	-1.0279	1.71E-07	6.55E-07	RMI1	chr9	+	86595626	86618985	3416
ENSG0000(	174.9367	288.5121	-0.72239	5.62E-05	0.000165	CTC1	chr17	-	8130191	8151362	4797
ENSG0000(	8.516284	19.98962	-1.1942	0.049628	0.088417	AC097658.	chr4	-	1.44E+08	1.44E+08	2552
ENSG0000(	535.3574	257.7184	1.0509	3.11E-07	1.17E-06	FBXO34	chr14	+	55738021	55828636	3464
ENSG0000(	6.26584	3.619162	0.74187	0.37394	0.47829	LINC00324	chr17	-	8123960	8127361	2082
ENSG0000(	1855.09	2461.718	-0.40715	0.000577	0.001485	SEPW1	chr19	+	48281829	48287943	2503
ENSG0000(	1470.038	2573.541	-0.80668	7.38E-13	4.23E-12	EIF3K	chr19	+	39109735	39127595	1327
ENSG0000(	863.5422	834.7485	0.049182	0.72056	0.7933	MRFAP1L1	chr4	-	6709428	6711607	2127
ENSG0000(	1043.089	673.2894	0.63082	1.75E-07	6.69E-07	SNX18	chr5	+	53813589	53842415	5375
ENSG0000(	0.290301	5.551772	-3.3168	0.012766	0.026258	EXD1	chr15	-	41474923	41522941	2942
ENSG0000(	915.198	2579.683	-1.494	3.09E-42	5.76E-41	AURKB	chr17	-	8108056	8113918	1249
ENSG0000(	9.274147	10.46581	-0.17779	0.76828	0.83251	C14orf39	chr14	-	60863187	60982261	2813
ENSG0000(	5946.254	5563.776	0.095831	0.46187	0.56694	MRFAP1	chr4	+	6641818	6644472	2049
ENSG0000(	246.5634	238.9374	0.045552	0.84277	0.88975	C3orf38	chr3	+	88198893	88207118	2633
ENSG0000(	0	340.4031	-9.7138	9.31E-19	7.37E-18	KLHDC7A	chr1	+	18807424	18812478	5055
ENSG0000(	116.1874	91.2326	0.34752	0.10818	0.17257	TMEM107	chr17	-	8076555	8079717	2358
ENSG0000(	0.632843	1.40169	-0.81226	0.60442	0.69769	LL0XNC01-	chrX	+	1E+08	1E+08	778
ENSG0000(	3.64115	2.635871	0.42293	0.66614	0.74915	AP001885.	chr11	-	66963391	66964638	1248
ENSG0000(	282.9305	807.6373	-1.5049	4.01E-09	1.76E-08	RRS1	chr8	+	67341263	67342966	1704
ENSG0000(	22.41813	43.27707	-0.9426	0.010554	0.022077	EXOC3L1	chr16	-	67218269	67224107	2510
ENSG0000(	2.604151	1205.845	-8.627	9.80E-59	2.76E-57	TRIML2	chr4	-	1.89E+08	1.89E+08	1639
ENSG0000(	5484.206	13719.06	-1.3205	3.99E-19	3.22E-18	RCC2	chr1	-	17733256	17766220	4087
ENSG0000(	5.476274	13.6326	-1.2549	0.079409	0.13266	IGSF22	chr11	-	18725852	18747777	4284
ENSG0000(	5.891595	0.343138	3.3621	0.011013	0.022933	C9orf50	chr9	-	1.32E+08	1.32E+08	1620
ENSG0000(	0	4.225344	-3.3111	0.038939	0.071669	ZFP42	chr4	+	1.89E+08	1.89E+08	2651
ENSG0000(	0.290301	2.278164	-2.0711	0.17214	0.25471	AC012074.	chr2	-	25592818	25593185	366
ENSG0000(	0	5.101818	-3.8074	0.009321	0.019693	AC020907.	chr19	+	35596873	35598141	1269
ENSG0000(	1.359003	0	1.8987	0.26617	NA	CCDC89	chr11	-	85394893	85397320	2428
ENSG0000(	6.649458	5.413402	0.25989	0.78681	0.84755	C9orf106	chr9	+	1.32E+08	1.32E+08	3145
ENSG0000(	4.616536	8.01443	-0.7561	0.31203	0.4141	FAM133A	chrX	+	92929012	92967273	3416
ENSG0000(	361.8679	413.6193	-0.19266	0.26294	0.3611	DPM3	chr1	-	1.55E+08	1.55E+08	517
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	C12orf42	chr12	-	1.04E+08	1.04E+08	2090
ENSG0000(	2393.507	3870.17	-0.6926	5.42E-12	2.92E-11	CYC1	chr8	+	1.45E+08	1.45E+08	1832
ENSG0000(	503.8028	845.5919	-0.74497	2.55E-05	7.81E-05	PER1	chr17	-	8043790	8059824	4707
ENSG0000(	3.278071	5.07268	-0.59856	0.51731	0.62002	HTR1F	chr3	+	88039846	88042919	3074
ENSG0000(	2.032922	5.782389	-1.363	0.20505	0.29435	RP11-349N	chrX	+	1.23E+08	1.23E+08	400
ENSG0000(	338.7237	100.3761	1.7443	1.18E-11	6.21E-11	TMTC2	chr12	+	83080659	83528649	6211
ENSG0000(	64.80713	36.40861	0.82085	0.03399	0.063473	HES7	chr17	-	8023908	8027410	1674
ENSG0000(	1682.892	2146.49	-0.35025	0.010188	0.021388	FARSA	chr19	-	13033293	13044851	2057
ENSG0000(	742.0495	360.0898	1.0427	3.44E-15	2.28E-14	SPTY2D1	chr11	-	18627948	18656338	5754
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-458F	chr7	+	66379568	66379930	363
ENSG0000(	2.064625	0.937167	0.88954	0.51638	0.61915	C10orf67	chr10	-	23556124	23633774	2799
ENSG0000(	2688.496	3127.113	-0.21791	0.057058	0.099849	SAMD4B	chr19	+	39833036	39876350	4519
ENSG0000(	0	1.888903	-2.3653	0.15293	NA	LINC00670	chr17	+	12453099	12546171	2953
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	MTUS2-AS1	chr13	-	30050652	30061887	1114
ENSG0000(	1.524285	0.343138	1.4176	0.39874	NA	GIMAP7	chr7	+	1.5E+08	1.5E+08	1256
ENSG0000(	1.016461	3.921881	-1.5611	0.28037	0.38124	ALOXE3	chr17	-	7999218	8022365	3362
ENSG0000(	935.9963	999.7203	-0.09458	0.37684	0.48089	EDC3	chr15	-	74922899	74988633	3763
ENSG0000(	274.8468	138.9824	0.98455	1.42E-06	5.01E-06	TCAIM	chr3	+	44379611	44450943	3687
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-480N	chr6	+	43331217	43331957	741

ENSG0000(	54.01195	112.2404	-1.0542	0.000706	0.001793	FUCA1	chr1	-	24171567	24194784	2047
ENSG0000(	0.290301	2.800964	-2.1414	0.18767	0.2737	PXT1	chr6	-	36358328	36410666	2108
ENSG0000(	72.8209	35.90354	1.0167	0.005669	0.012485	GGN	chr19	-	38874905	38878722	2239
ENSG0000(	0	299.0216	-9.5998	4.43E-19	3.56E-18	TMEM125	chr1	+	43735665	43739673	1850
ENSG0000(	1364.263	1731.781	-0.34403	0.001401	0.003398	ZNF664	chr12	+	1.24E+08	1.24E+08	5108
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	SIGLECL1	chr19	+	51749603	51772584	1708
ENSG0000(	26817.49	11493.44	1.22	1.06E-14	6.80E-14	CALR	chr19	+	13049392	13055303	1903
ENSG0000(	0.72616	2.918317	-1.6583	0.24127	0.33624	LINC00311	chr16	+	85316564	85319569	1566
ENSG0000(	14318.84	2982.821	2.2614	1.56E-118	1.18E-116	MAGED1	chrX	+	51546103	51645453	5418
ENSG0000(	57.68816	81.34397	-0.49426	0.14137	0.21563	RP11-111M	chr11	+	76092357	76125663	5363
ENSG0000(	554.7252	359.4056	0.62532	0.001468	0.003552	LDLRAD3	chr11	+	35965531	36253686	3798
ENSG0000(	653.5261	589.3591	0.1477	0.2927	0.3946	CDH4	chr20	+	59827482	60515673	6511
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-429E	chr20	-	60292562	60294804	2000
ENSG0000(	25.87265	0.357707	5.4706	6.24E-07	2.27E-06	SMCO3	chr12	-	14957584	14967116	2104
ENSG0000(	1807.957	1716.137	0.074961	0.63043	0.71982	RAD23A	chr19	+	13056669	13064456	1746
ENSG0000(	0.36308	0	0.4146	0.81455	NA	C2orf71	chr2	-	29283842	29297127	7044
ENSG0000(	1085.854	1657.626	-0.61029	9.75E-08	3.81E-07	GADD45GI	chr19	-	13064972	13068050	743
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	MEIS3P1	chr17	+	15690066	15690888	823
ENSG0000(	1.306762	2.024857	-0.49603	0.72949	0.80013	DAND5	chr19	+	13075973	13085567	1868
ENSG0000(	3.983692	42.51238	-3.3211	6.87E-08	2.71E-07	TMEM151A	chr11	+	66059341	66064135	2562
ENSG0000(	98.87064	680.8221	-2.7708	1.17E-63	3.71E-62	C17orf96	chr17	-	36827961	36831187	3227
ENSG0000(	2732.194	2503.204	0.12639	0.17684	0.26041	PTPN11	chr12	+	1.13E+08	1.13E+08	6101
ENSG0000(	13.37267	15.05127	-0.16659	0.75595	0.82251	CTGLF12P	chr10	-	49217898	49239743	2485
ENSG0000(	37.97947	511.1972	-3.7369	3.14E-44	6.16E-43	NSUN7	chr4	+	40751914	40812002	3698
ENSG0000(	7.118811	0	4.3089	0.001955	0.004635	ZCCHC5	chrX	-	77911566	77914825	2648
ENSG0000(	158.637	71.27138	1.1468	6.83E-08	2.70E-07	FAM156B	chrX	+	52920336	52937587	2946
ENSG0000(	94.03561	1414.577	-3.8949	2.84E-79	1.18E-77	WSCD1	chr17	+	5675554	6027747	5884
ENSG0000(	1.774324	69.93052	-5.1486	7.14E-13	4.10E-12	RAB39A	chr11	+	1.08E+08	1.08E+08	1830
ENSG0000(	768.2132	502.6735	0.60984	0.00401	0.009057	CLK3	chr15	+	74890841	74932057	3787
ENSG0000(	1.390706	0	1.6954	0.33813	NA	GS1-124K5	chr7	-	65970142	65971210	1069
ENSG0000(	5.964374	88.49146	-3.8384	1.55E-18	1.21E-17	HLA-DQB1	chr6	-	32627244	32636160	4644
ENSG0000(	0.632843	18.38141	-4.27	8.46E-05	0.000243	GATA2	chr3	-	1.28E+08	1.28E+08	3367
ENSG0000(	327.1206	4117.953	-3.649	4.61E-220	1.24E-217	ARID3B	chr15	+	74833518	74890472	4271
ENSG0000(	4.761279	1.652581	1.3908	0.18646	0.27223	HMGN2P46	chr15	+	45803334	45878488	1923
ENSG0000(	0.36308	1.698704	-1.6626	0.28864	0.39018	TMEM31	chrX	+	1.03E+08	1.03E+08	728
ENSG0000(	1726.718	1723.165	0.002646	0.98001	0.98903	PACS2	chr14	+	1.06E+08	1.06E+08	6332
ENSG0000(	556.8706	435.2301	0.35578	0.012854	0.026421	ELMOD2	chr4	+	1.41E+08	1.41E+08	4409
ENSG0000(	393.8019	0.297015	9.1687	2.98E-22	2.77E-21	EGR3	chr8	-	22545172	22550815	4336
ENSG0000(	5.020691	10.3557	-0.99877	0.19635	0.2844	C1orf101	chr1	+	2.45E+08	2.45E+08	3333
ENSG0000(	13.24586	3.870053	1.6874	0.019565	0.0387	GPC5	chr13	+	92050929	93519490	2889
ENSG0000(	330.2136	837.0928	-1.3389	6.10E-19	4.87E-18	VWA1	chr1	+	1370241	1378262	4511
ENSG0000(	107.4057	85.7109	0.31831	0.22551	0.31827	LINC00174	chr7	-	65841031	65866325	4702
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	DNAJB8	chr3	-	1.28E+08	1.28E+08	3365
ENSG0000(	583.9902	1175.791	-1.007	2.42E-12	1.34E-11	GEMIN4	chr17	-	647654	657239	4729
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	OR6W1P	chr7	-	1.43E+08	1.43E+08	1100
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	AC073072.	chr7	-	22765014	22767239	1364
ENSG0000(	777.3417	263.9837	1.5517	2.39E-13	1.41E-12	FJX1	chr11	+	35639735	35642419	2685
ENSG0000(	0.653381	0	0.82678	0.64037	NA	RP11-113A	chr9	-	35991333	35992282	950
ENSG0000(	0	1.234181	-1.5727	0.37581	NA	RP5-1027G	chr20	-	19222946	19265240	1789
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-380B	chr1	+	1.81E+08	1.81E+08	259
ENSG0000(	145.231	64.98708	1.1603	4.39E-07	1.62E-06	KLHL28	chr14	-	45397672	45511525	2395
ENSG0000(	368.4792	316.8066	0.21731	0.1298	0.20151	ZBTB18	chr1	+	2.44E+08	2.44E+08	3851
ENSG0000(	1.722083	0	2.21	0.18654	NA	AL109806.	chr20	+	55097413	55097855	441
ENSG0000(	58.55246	52.20202	0.16347	0.68502	0.76499	C14orf28	chr14	+	45366498	45376460	3498
ENSG0000(	0	7.362997	-4.3178	0.002291	0.005371	ALOX12B	chr17	-	7975954	7991021	2502
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	SLC17A8	chr12	+	1.01E+08	1.01E+08	3983
ENSG0000(	103.3825	151.637	-0.54894	0.063352	0.10939	RP11-151M	chr15	-	44819455	44829121	2863
ENSG0000(	1391.245	847.8304	0.71316	8.22E-09	3.51E-08	SHARPIN	chr8	-	1.45E+08	1.45E+08	1765
ENSG0000(	21.44356	1.430828	3.6984	3.45E-05	0.000104	LBX2	chr2	-	74724644	74730443	1452
ENSG0000(	308.525	216.7878	0.50356	0.13018	0.202	DNHD1	chr11	+	6518490	6614988	14862
ENSG0000(	10.27007	107.9955	-3.3631	6.37E-20	5.35E-19	SLITRK4	chrX	-	1.43E+08	1.43E+08	8555
ENSG0000(	10.85149	26.43801	-1.2702	0.014016	0.028567	HTR1D	chr1	-	23516993	23521222	2835
ENSG0000(	545.4475	482.7632	0.17628	0.33393	0.43736	GCC1	chr7	-	1.27E+08	1.27E+08	4149
ENSG0000(	0.943682	8.992888	-2.8768	0.007153	0.015452	LSMEM2	chr3	+	50316458	50325545	1494
ENSG0000(	1.866827	3.351285	-0.71898	0.51264	0.61574	RNF151	chr16	+	2016824	2018976	853

ENSG0000(	13.28017	13.41971	-0.01178	0.98339	0.99079	CIITA	chr16	+	10971055	11026079	9438
ENSG0000(	217.0216	317.7709	-0.54677	0.064135	0.11057	ZFPM1	chr16	+	88519725	88601572	3528
ENSG0000(	0	2.681995	-2.9147	0.061147	0.10611	ALOX15B	chr17	+	7942335	7952452	2944
ENSG0000(	4.721017	4.05213	0.20562	0.81817	0.87233	PLD6	chr17	-	17104309	17109629	2560
ENSG0000(	4.834872	30.71189	-2.6265	9.32E-06	3.00E-05	GRM8	chr7	-	1.26E+08	1.27E+08	4057
ENSG0000(	866.5822	445.2587	0.9591	5.65E-11	2.85E-10	CDC42EP4	chr17	-	71279763	71308314	3272
ENSG0000(	23.5297	55.07408	-1.2146	0.000862	0.002162	DGKZP1	chr13	+	44542560	44545335	2776
ENSG0000(	152.7241	253.1618	-0.72582	0.014213	0.028939	ZBTB42	chr14	+	1.05E+08	1.05E+08	3800
ENSG0000(	41.00848	71.05515	-0.78007	0.018615	0.037008	LACC1	chr13	+	44453420	44468068	4262
ENSG0000(	2219.418	2613.99	-0.23596	0.094324	0.15382	MAF1	chr8	+	1.45E+08	1.45E+08	1754
ENSG0000(	0.290301	2.200487	-1.9038	0.24135	0.33635	TPPP2	chr14	+	21492268	21504435	1696
ENSG0000(	0	12.36357	-5.2559	1.77E-05	5.53E-05	RPRML	chr17	-	45055523	45056614	1092
ENSG0000(	0.342542	0	0.4146	0.81455	NA	ARL14	chr3	+	1.6E+08	1.6E+08	1286
ENSG0000(	39.5159	46.04245	-0.22305	0.5102	0.61357	KIAA1875	chr8	+	1.45E+08	1.45E+08	7119
ENSG0000(	47.45158	110.4752	-1.215	6.44E-07	2.34E-06	PCED1B	chr12	+	47473386	47630443	2328
ENSG0000(	57.96746	193.9493	-1.7297	3.25E-11	1.67E-10	RP11-169K	chr1	-	16160560	16174642	2468
ENSG0000(	181.886	86.04196	1.0694	0.000359	0.000949	APOBEC3B	chr22	+	39378352	39388809	1844
ENSG0000(	0.290301	0	0.4146	0.81455	NA	SYCN	chr19	-	39693471	39694906	573
ENSG0000(	9.252796	600.8338	-5.9284	1.42E-62	4.42E-61	PIPOX	chr17	+	27277531	27384234	2410
ENSG0000(	2.955253	3.806944	-0.2877	0.8306	0.88058	ATP8B5P	chr9	+	35406752	35483026	3962
ENSG0000(	79.11053	1.591889	5.3803	3.06E-16	2.15E-15	FOXS1	chr20	-	30432103	30433420	1318
ENSG0000(	0	6.047849	-4.1822	0.001994	0.00472	ATOH7	chr10	-	69990386	69991871	1486
ENSG0000(	42.7828	4.008423	3.3372	2.99E-09	1.32E-08	CDH5	chr16	+	66400533	66438686	4117
ENSG0000(	0	68.98181	-7.6593	2.77E-12	1.52E-11	LRRC3B	chr3	+	26664297	26752267	1696
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	OR7E22P	chr3	-	75405667	75406654	988
ENSG0000(	0.342542	10.00532	-4.0818	0.001145	0.002817	FAM216B	chr13	+	43355686	43365683	3300
ENSG0000(	3.58891	0	3.3667	0.02318	0.045107	MRGPRX4	chr11	+	18194384	18195827	1444
ENSG0000(	118.4791	204.3613	-0.78149	3.92E-05	0.000117	PCBP1-AS1	chr2	-	70189395	70315978	2451
ENSG0000(	1758.066	1265.78	0.47396	0.0014	0.003396	MYADM	chr19	+	54369477	54379691	3186
ENSG0000(	230.3189	153.0644	0.58683	0.002102	0.004957	MROH1	chr8	+	1.45E+08	1.45E+08	5832
ENSG0000(	883.3005	208.0125	2.0744	5.18E-16	3.59E-15	SERTAD2	chr2	-	64858755	64977449	5549
ENSG0000(	3182.818	3511.835	-0.14163	0.18516	0.27062	RBM15B	chr3	+	51428731	51435330	6600
ENSG0000(	238.4274	31.4751	2.9028	4.46E-35	6.79E-34	AKAP5	chr14	+	64932217	64936425	2601
ENSG0000(	3.081086	15.81207	-2.2596	0.005885	0.012919	NKPD1	chr19	-	45653008	45663408	4687
ENSG0000(	80.7503	25.57294	1.6386	2.23E-06	7.70E-06	GIPC3	chr19	+	3585551	3593539	4335
ENSG0000(	43.67245	17.37315	1.3096	0.000713	0.001808	AC025335.	chr17	-	7816642	7819271	2529
ENSG0000(	1417.488	553.3905	1.3477	2.11E-06	7.30E-06	CITED4	chr1	-	41326729	41328018	1290
ENSG0000(	4.616536	0.297015	3.064	0.023466	0.045609	ABCA13	chr7	+	48211055	48687092	17184
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	NLRP11	chr19	-	56296770	56348166	4034
ENSG0000(	284.4719	272.5243	0.061509	0.74393	0.81193	TIGD5	chr8	+	1.45E+08	1.45E+08	2412
ENSG0000(	2240.965	1713.851	0.38627	5.58E-05	0.000164	PDXDC1	chr16	+	15068448	15233196	4828
ENSG0000(	83.74263	992.3346	-3.5519	6.25E-56	1.66E-54	PHC1P1	chr12	-	55804263	55808633	3553
ENSG0000(	1.286224	1.280305	0.001078	0.99939	0.99973	C1orf194	chr1	-	1.1E+08	1.1E+08	956
ENSG0000(	145.3279	356.1316	-1.2894	4.85E-14	2.98E-13	ZNF154	chr19	-	58208735	58220579	5687
ENSG0000(	557.5485	290.7701	0.93537	2.19E-06	7.57E-06	R3HDM2	chr12	-	57643392	57824788	4372
ENSG0000(	0	34.20812	-6.6583	7.82E-09	3.35E-08	B3GNT3	chr19	+	17905637	17923891	2226
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	ITLN1	chr1	-	1.61E+08	1.61E+08	1183
ENSG0000(	0	125.8436	-8.4432	1.04E-14	6.67E-14	NRXN1	chr2	-	50145643	51259674	7578
ENSG0000(	764.7287	1153.548	-0.59199	1.11E-06	3.94E-06	SEPHS2	chr16	-	30454952	30457502	2551
ENSG0000(	4.36731	5.125251	-0.21161	0.8119	0.8677	GPBAR1	chr2	+	2.19E+08	2.19E+08	2003
ENSG0000(	274.7988	288.7369	-0.07176	0.77	0.83401	ZNF784	chr19	-	56132108	56135967	2021
ENSG0000(	0	6.364265	-4.132	0.003641	0.008285	ZNF648	chr1	-	1.82E+08	1.82E+08	3649
ENSG0000(	575.4416	588.3902	-0.03261	0.78124	0.84305	C14orf119	chr14	+	23563974	23569665	3654
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	CCR8	chr3	+	39371197	39375171	1253
ENSG0000(	3.350849	3.458101	-0.03053	0.97595	0.9865	LINC00652	chr20	-	18768295	18774979	1713
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	GOLGA8J	chr15	+	30375158	30385702	2199
ENSG0000(	218.8165	151.0881	0.53335	0.005073	0.01129	BBS10	chr12	-	76738254	76742222	3595
ENSG0000(	492.7251	579.2773	-0.23156	0.16657	0.24775	FIZ1	chr19	-	56102746	56113336	4686
ENSG0000(	2858.791	3272.763	-0.19458	0.22379	0.31618	PUF60	chr8	-	1.45E+08	1.45E+08	2412
ENSG0000(	4633.592	37.41372	6.9272	0	0	SSC5D	chr19	+	55999771	56030465	4845
ENSG0000(	439.5751	621.0729	-0.4968	0.003589	0.008175	DCTPP1	chr16	-	30434940	30441396	1222
ENSG0000(	421.3978	196.4418	1.0969	1.92E-11	1.00E-10	ZNF771	chr16	+	30418618	30440920	2371
ENSG0000(	42.48827	74.16459	-0.78884	0.011132	0.023164	PPP1R14BI	chr4	-	1.4E+08	1.4E+08	445
ENSG0000(	37.46227	15.2269	1.263	0.003775	0.00856	RP11-1319	chr5	-	69390202	69424261	3544
ENSG0000(	150.24	185.2647	-0.30424	0.15139	0.22884	CRIPAK	chr4	+	1385340	1389780	4441

ENSG0000(	1211.707	201.1876	2.5782	3.59E-26	3.93E-25	TSHZ1	chr18	+	72922710	73001905	7080
ENSG0000(	65.52017	63.82171	0.037481	0.89246	0.9253	PSTK	chr10	+	1.25E+08	1.25E+08	3538
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC005488.	chr7	-	72333321	72341076	1064
ENSG0000(	673.8775	457.1312	0.55803	0.003411	0.007798	SOCS4	chr14	+	55493948	55516206	6779
ENSG0000(	648.8508	388.6981	0.73597	0.000922	0.0023	ZADH2	chr18	-	72907063	72921303	7732
ENSG0000(	15.49891	9.874195	0.63066	0.2596	0.35753	RP11-756P	chr4	+	1.9E+08	1.9E+08	1143
ENSG0000(	1.048164	0.686276	0.40054	0.81245	NA	AC079741.	chr7	-	1.12E+08	1.12E+08	212
ENSG0000(	684.4818	1124.305	-0.71275	0.002163	0.005092	ZNF48	chr16	+	30389427	30411429	3234
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	OR1R1P	chr17	+	3289224	3290132	904
ENSG0000(	209.0404	7.472229	4.7375	5.38E-40	9.44E-39	C3orf80	chr3	+	1.6E+08	1.6E+08	2577
ENSG0000(	0	2.058828	-1.8947	0.28782	0.38931	NKX2-6	chr8	-	23559964	23564111	906
ENSG0000(	2.044087	4.553913	-1.0711	0.3029	0.40418	TMEM150E	chr19	-	55824169	55845416	1197
ENSG0000(	7.758422	1.638012	2.0645	0.030774	0.058008	C10orf91	chr10	+	1.34E+08	1.34E+08	1846
ENSG0000(	10.97488	109.0631	-3.2601	7.63E-17	5.54E-16	ANKRD18A	chr9	-	38540564	38620657	4041
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	WFDC11	chr20	-	44277202	44298909	642
ENSG0000(	12.40666	17.09956	-0.44292	0.3898	0.49409	TMEM86B	chr19	-	55738007	55741647	3061
ENSG0000(	14.34447	5.522634	1.3108	0.070386	0.11974	1-Sep	chr16	-	30389454	30407312	2738
ENSG0000(	268.0902	305.0243	-0.18408	0.35344	0.45773	TRNAU1AP	chr1	+	28879597	28905051	2040
ENSG0000(	1053.178	593.1198	0.82778	6.15E-07	2.24E-06	EXOC3	chr5	+	443273	472052	5748
ENSG0000(	28.95194	4.775666	2.4961	2.53E-05	7.74E-05	TDRD6	chr6	+	46655612	46672056	8887
ENSG0000(	0.975385	0.640152	0.42301	0.79383	NA	C12orf40	chr12	+	40019969	40302102	3061
ENSG0000(	0.72616	0	0.85004	0.63064	NA	CSNK1A1L	chr13	-	37677398	37679803	2406
ENSG0000(	1.555988	0.343138	1.4615	0.37966	NA	ACTA2-AS1	chr10	+	90692428	90700368	2422
ENSG0000(	0.580602	0.937167	-0.42674	0.8018	NA	AC079753.	chr2	+	1.14E+08	1.14E+08	795
ENSG0000(	106.2668	465.8643	-2.1154	5.72E-12	3.08E-11	LYNX1	chr8	-	1.44E+08	1.44E+08	4706
ENSG0000(	6.597217	0.715414	2.8221	0.01888	0.037477	TH	chr11	-	2185159	2193107	1910
ENSG0000(	1.068702	11.7437	-3.2216	0.001218	0.002982	AC018865.	chr2	-	1.31E+08	1.31E+08	3793
ENSG0000(	1563.321	1222.332	0.35409	0.004104	0.009257	MED14	chrX	-	40507558	40595110	7984
ENSG0000(	427.2132	272.1559	0.64963	0.000417	0.001096	FAHD1	chr16	+	1876968	1890208	1964
ENSG0000(	5.27929	2.027273	1.2409	0.26014	0.35808	HMGB1P14	chr14	+	58751491	58752116	591
ENSG0000(	47.37285	1062.076	-4.4806	9.38E-102	5.51E-100	C8orf42	chr8	-	439803	495781	3395
ENSG0000(	1082.279	2655.178	-1.2933	1.06E-25	1.14E-24	RCC1	chr1	+	28832455	28865812	2844
ENSG0000(	6.492735	3.679854	0.77365	0.38637	0.49056	MYLPF	chr16	+	30382255	30389312	682
ENSG0000(	1.960143	4.259314	-0.99653	0.37155	0.47595	F2	chr11	+	46740730	46761056	2023
ENSG0000(	0	1.058552	-1.361	0.4451	NA	FAM71C	chr12	+	1E+08	1E+08	1796
ENSG0000(	0	1.759397	-2.0294	0.24451	NA	RP11-179B	chr10	-	59972302	59972797	496
ENSG0000(	672.8785	571.0964	0.23597	0.054325	0.095585	PRKRA	chr2	-	1.79E+08	1.79E+08	1851
ENSG0000(	432.1406	220.3999	0.96993	2.51E-10	1.21E-09	HERC2P3	chr15	-	20587869	20711433	4383
ENSG0000(	82.0375	385.7398	-2.2184	4.14E-14	2.56E-13	ZNRF2	chr7	+	30323923	30452118	3460
ENSG0000(	0.870904	1.043983	-0.13638	0.93492	0.95734	RRH	chr4	+	1.11E+08	1.11E+08	1455
ENSG0000(	0.995923	0	1.4959	0.39264	NA	SLC9A4	chr2	+	1.03E+08	1.03E+08	4138
ENSG0000(	65.23085	101.9071	-0.63759	0.011059	0.023023	ZNF816	chr19	-	53430388	53466164	2697
ENSG0000(	422.0178	618.4765	-0.55252	8.49E-05	0.000244	FGD6	chr12	-	95470525	95611258	9288
ENSG0000(	0	10.79767	-4.8985	0.000271	0.000731	GPR144	chr9	+	1.27E+08	1.27E+08	2892
ENSG0000(	0	3.037286	-2.8072	0.091979	0.15057	GPR139	chr16	-	20042807	20085239	1613
ENSG0000(	1.919068	4.120944	-0.99217	0.35132	0.4557	CTD-2568A	chr19	+	51320937	51322134	936
ENSG0000(	0	38.66401	-6.8582	1.21E-09	5.53E-09	PLD5	chr1	-	2.42E+08	2.43E+08	2830
ENSG0000(	1216.878	2861.983	-1.2324	1.31E-32	1.85E-31	OAZ2	chr15	-	64979772	64995480	7102
ENSG0000(	0.705622	0.686276	0.017556	0.99188	NA	PNPLA1	chr6	+	36210980	36276372	2478
ENSG0000(	41.90588	3.979285	3.2711	1.44E-06	5.06E-06	ALX1	chr12	+	85673885	85695562	1445
ENSG0000(	201.9747	259.6152	-0.36005	0.021275	0.041729	CCDC43	chr17	-	42750437	42767147	2082
ENSG0000(	32.89717	1.058552	4.7178	1.78E-08	7.40E-08	KCTD4	chr13	-	45766988	45775175	2115
ENSG0000(	11.16151	20.6912	-0.85851	0.13478	0.20777	C17orf104	chr17	+	42733762	42767676	4328
ENSG0000(	1889.715	546.6477	1.7874	1.50E-34	2.24E-33	FZD2	chr17	+	42634925	42636907	1983
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	AL035460.	chr20	+	2677351	2677781	414
ENSG0000(	43.81899	67.3495	-0.61348	0.027	0.051707	TIGD2	chr4	+	90033968	90036050	2083
ENSG0000(	0.290301	1.294874	-1.3421	0.40775	NA	CCDC129	chr7	+	31553704	31698334	4544
ENSG0000(	539.2523	21.75788	4.6224	9.31E-80	3.90E-78	HCLS1	chr3	-	1.21E+08	1.21E+08	2710
ENSG0000(	137.4792	166.6025	-0.27403	0.47454	0.57905	C7orf41	chr7	+	30174426	30202378	5937
ENSG0000(	1591.952	1492.452	0.09308	0.52169	0.62424	ZNF609	chr15	+	64752941	64978264	8743
ENSG0000(	2476.75	1522.661	0.70081	7.10E-10	3.32E-09	PAK2	chr3	+	1.96E+08	1.97E+08	6139
ENSG0000(	142.7692	183.7954	-0.36138	0.10226	0.16437	CCDC66	chr3	+	56591189	56655846	3120
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	DEFB124	chr20	-	30053309	30064560	571
ENSG0000(	84.51403	250.3617	-1.5576	4.39E-16	3.05E-15	AC034193.	chr3	+	10028577	10048674	2882
ENSG0000(	0.580602	0	0.8036	0.6494	NA	ATP5EP2	chr13	+	28519343	28519727	385

ENSG0000(	1647.647	1160.572	0.50547	1.01E-06	3.62E-06	MCFD2	chr2	-	47129009	47168994	4210
ENSG0000(	4.657611	7.679413	-0.69833	0.39307	0.49747	LINC00304	chr16	+	89225554	89230653	2243
ENSG0000(	58.64838	75.03282	-0.34942	0.27042	0.36955	HARBI1	chr11	-	46624411	46639459	1967
ENSG0000(	12.56338	16.32346	-0.36877	0.46798	0.57275	C11orf71	chr11	-	1.14E+08	1.14E+08	1441
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	CYP8B1	chr3	-	42897497	42917633	3950
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	TPRXL	chr3	+	13978756	14124311	2350
ENSG0000(	898.0127	24.3023	5.1808	6.41E-125	5.43E-123	SERTM1	chr13	+	37248049	37271976	3207
ENSG0000(	865.8656	335.954	1.3608	1.92E-13	1.14E-12	GAS1	chr9	-	89559279	89562104	2826
ENSG0000(	51.31963	1486.745	-4.8416	8.32E-131	7.59E-129	HMHA1	chr19	+	1065922	1086627	4264
ENSG0000(	0	3.740547	-3.4124	0.021268	0.04172	CTD-3064H	chr19	-	38036372	38040073	3267
ENSG0000(	30.1028	67.13749	-1.1475	0.001584	0.003807	ZNF571	chr19	-	38045684	38085673	3844
ENSG0000(	4.387848	2.07098	0.98286	0.3678	0.47243	GLIPR1L2	chr12	+	75784850	75826468	2609
ENSG0000(	238.3503	121.5545	0.96737	1.49E-07	5.75E-07	FAM73A	chr1	+	78245309	78344106	5288
ENSG0000(	4.273994	5.274159	-0.28189	0.76352	0.82835	KCNE1	chr21	-	35818988	35884573	3320
ENSG0000(	10.0312	11.38599	-0.17605	0.7738	0.83723	PRR26	chr10	+	695888	709947	2249
ENSG0000(	444.0834	182.8228	1.2803	4.71E-17	3.46E-16	NRIP1	chr21	-	16333556	16437321	7671
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	ZSCAN4	chr19	+	58180303	58190520	2246
ENSG0000(	4.523219	28.03244	-2.5242	0.0002	0.00055	BHLHA15	chr7	+	97841566	97842271	706
ENSG0000(	133.6416	153.1985	-0.19415	0.36932	0.47392	RNF182	chr6	+	13924677	13980533	3706
ENSG0000(	1.628766	0.715414	0.93656	0.53818	0.63889	C9orf139	chr9	+	1.4E+08	1.4E+08	3815
ENSG0000(	123.2188	147.9076	-0.26337	0.22237	0.31463	TSPYL5	chr8	-	98285717	98290176	4460
ENSG0000(	0.580602	1.591889	-1.0408	0.50029	0.60396	FUT7	chr9	-	1.4E+08	1.4E+08	2584
ENSG0000(	151.0198	348.172	-1.194	0.000292	0.000784	HIST1H2AC	chr6	+	26124373	26139344	1668
ENSG0000(	17.62694	37.16283	-1.0697	0.0082	0.017497	EIF2S3L	chr12	+	10658201	10675734	2142
ENSG0000(	30.21005	42.76555	-0.49742	0.14877	0.22544	SRP9P1	chr10	-	93565803	93567253	959
ENSG0000(	143.0269	372.4952	-1.3782	3.95E-12	2.15E-11	SKIDA1	chr10	-	21802407	21814611	6598
ENSG0000(	33.89227	12.55619	1.4089	0.001761	0.004205	HIST1H2BC	chr6	-	26115101	26124154	659
ENSG0000(	15.01081	10.37356	0.51305	0.36053	0.46469	ZBTB12P1	chr4	-	39771701	39773000	1260
ENSG0000(	182.1221	468.3666	-1.3578	3.66E-10	1.74E-09	MB21D2	chr3	-	1.93E+08	1.93E+08	3368
ENSG0000(	0	4.36613	-3.6495	0.011668	0.024168	GSX2	chr4	+	54965690	54968672	1812
ENSG0000(	24.21299	31.73157	-0.38481	0.35048	0.45489	SSTR2	chr17	+	71161151	71167185	2096
ENSG0000(	75.21062	69.39127	0.11436	0.6942	0.77189	ZNF594	chr17	-	5082831	5095178	4862
ENSG0000(	165.6376	75.43678	1.1318	4.01E-08	1.62E-07	PCGF5	chr10	+	92979908	93044088	7018
ENSG0000(	3.733653	7.131508	-0.85099	0.3394	0.44332	SLC47A2	chr17	-	19581601	19622292	3114
ENSG0000(	3.765356	1.326428	1.3037	0.29396	0.39595	PRF1	chr10	-	72357104	72362531	2533
ENSG0000(	145.0785	5.583326	4.6283	8.92E-30	1.13E-28	MAB21L1	chr13	-	36047926	36050832	2907
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RPL21P8	chr14	-	65934525	65935059	535
ENSG0000(	146.5274	270.3523	-0.88201	1.15E-06	4.10E-06	YOD1	chr1	-	2.07E+08	2.07E+08	6291
ENSG0000(	672.6696	26.64673	4.6356	8.99E-53	2.21E-51	AC007362.	chr2	+	2.07E+08	2.07E+08	1886
ENSG0000(	4.148974	0.343138	2.8824	0.037174	0.068758	EXOC5P1	chr4	+	63682544	63684512	1969
ENSG0000(	534.9164	1444.332	-1.4268	1.05E-09	4.83E-09	TMEM64	chr8	-	91634223	91803860	4997
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	C3orf22	chr3	-	1.26E+08	1.26E+08	1781
ENSG0000(	3.910914	3.123085	0.27463	0.78465	0.84579	RP11-290F	chr4	-	1.85E+08	1.85E+08	2153
ENSG0000(	4.305697	10.50307	-1.2349	0.11587	0.1833	CHRM4	chr11	-	46406640	46408107	1468
ENSG0000(	1142.047	182.5603	2.6214	2.55E-15	1.70E-14	SHISA2	chr13	-	26618735	26625169	2860
ENSG0000(	28.77729	57.33136	-0.98729	0.01242	0.025602	S1PR5	chr19	-	10623623	10628607	2191
ENSG0000(	82.87931	86.89647	-0.07214	0.79451	0.85419	CTD-2547E	chr16	-	21458004	21531765	4262
ENSG0000(	66.1883	119.945	-0.84594	0.053636	0.094558	GPR157	chr1	-	9160364	9189229	5265
ENSG0000(	6.047504	2.041842	1.4654	0.1347	0.20771	PIPSL	chr10	-	95717948	95721297	3350
ENSG0000(	0.705622	66.69001	-6.1592	3.04E-12	1.67E-11	CHST13	chr3	+	1.26E+08	1.26E+08	1789
ENSG0000(	39.20066	41.088	-0.07079	0.86151	0.90319	WDFY3-AS2	chr4	+	85887538	85932430	6434
ENSG0000(	705.3459	475.1633	0.5688	0.000173	0.00048	SRSF8	chr11	+	94800056	94804388	4331
ENSG0000(	457.4126	230.5633	0.98473	7.50E-06	2.45E-05	SLC36A4	chr11	-	92877341	92931130	6008
ENSG0000(	578.2337	452.7117	0.35323	0.014438	0.029343	ZDHHC20	chr13	-	21950263	22033509	1869
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	ANKRD30B	chr18	+	14728271	14852737	4359
ENSG0000(	0.705622	0.343138	0.57395	0.74355	NA	OR51E1	chr11	+	4664650	4676718	3612
ENSG0000(	0.632843	17.16838	-4.2746	1.76E-05	5.49E-05	ZFP3	chr17	+	4981543	4999669	5206
ENSG0000(	1013.665	110	3.1965	8.34E-78	3.41E-76	ARSJ	chr4	-	1.15E+08	1.15E+08	4657
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-467D	chr13	-	26437388	26437805	418
ENSG0000(	176.3143	3.10281	5.3541	3.85E-08	1.55E-07	HOXC9	chr12	+	54388679	54397121	1516
ENSG0000(	4.523219	44.4133	-3.2033	1.72E-09	7.78E-09	MAP3K15	chrX	-	19378174	19533379	4697
ENSG0000(	558.2587	1746.942	-1.6444	7.67E-44	1.49E-42	PPA1	chr10	-	71962587	71993667	1294
ENSG0000(	25.97713	4.460793	2.3381	0.017717	0.035377	HOXC10	chr12	+	54378849	54384063	1936
ENSG0000(	228.9235	403.9132	-0.82013	3.67E-07	1.36E-06	PSMG4	chr6	+	3231637	3303607	4603
ENSG0000(	0	3.414394	-3.1826	0.040436	0.074054	BHLHE22	chr8	+	65492814	65496181	3368

ENSG0000(	84.94728	140.7008	-0.72282	0.001543	0.003716	MAP6D1	chr3	-	1.84E+08	1.84E+08	2111
ENSG0000(	12.25336	12.16364	0.006981	0.9925	0.99592	CSNK1G2-A	chr19	-	1952530	1954585	1288
ENSG0000(	39.878	88.78102	-1.145	0.000874	0.002191	ZNF443	chr19	-	12540521	12551926	2663
ENSG0000(	1.939605	0.357707	1.8442	0.23163	0.32515	C12orf36	chr12	-	13524023	13540101	2750
ENSG0000(	80.30848	60.14918	0.41417	0.12057	0.18952	PDIA3P	chr1	+	1.47E+08	1.47E+08	1510
ENSG0000(	0	3.380424	-3.2006	0.037457	0.069227	CXCR2	chr2	+	2.19E+08	2.19E+08	2879
ENSG0000(	162.9649	4.721421	5.0536	4.52E-31	6.01E-30	GREM2	chr1	-	2.41E+08	2.41E+08	4170
ENSG0000(	5.466901	6.646711	-0.25276	0.78667	0.84748	C11orf42	chr11	+	6226796	6232362	1142
ENSG0000(	2204.504	1269.05	0.79615	1.99E-15	1.34E-14	SSR4	chrX	+	1.53E+08	1.53E+08	2482
ENSG0000(	23.8808	10.03687	1.2322	0.018529	0.036857	CAPS2	chr12	-	75669759	75784708	3831
ENSG0000(	51.87871	154.81	-1.573	5.09E-11	2.58E-10	ZNF792	chr19	-	35447258	35454953	3888
ENSG0000(	741.1572	343.2864	1.1086	8.31E-14	5.04E-13	CUEDC1	chr17	-	55938604	56032684	3621
ENSG0000(	2765.274	4365.954	-0.65806	5.74E-07	2.10E-06	SCRIB	chr8	-	1.45E+08	1.45E+08	5218
ENSG0000(	728.7794	1132.582	-0.63515	3.52E-06	1.19E-05	KCTD2	chr17	+	73028670	73061984	3635
ENSG0000(	390.0753	278.3957	0.48436	0.001594	0.003827	D2HGDH	chr2	+	2.43E+08	2.43E+08	4549
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC111177.	chr11	+	6149840	6150706	867
ENSG0000(	123.4099	36.0654	1.7592	1.71E-10	8.35E-10	OXTR	chr3	-	8792094	8811314	4364
ENSG0000(	347.433	192.9203	0.84801	1.60E-07	6.13E-07	FTSJD1	chr16	-	71315292	71323618	4869
ENSG0000(	0	2.886762	-3.0352	0.04862	0.086845	OR56B4	chr11	+	6128914	6130065	1152
ENSG0000(	4.854596	2578.049	-8.9158	1.19E-112	8.22E-111	FAM83H	chr8	-	1.45E+08	1.45E+08	5654
ENSG0000(	6.421749	18.49568	-1.4456	0.058172	0.10165	GPR62	chr3	+	51989330	51991509	2180
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	OR56A1	chr11	-	6047901	6048971	1071
ENSG0000(	3.028845	5.461941	-0.80629	0.39781	0.50232	ZNF572	chr8	+	1.26E+08	1.26E+08	3275
ENSG0000(	23.86108	22.35674	0.09401	0.82025	0.8736	ST20	chr15	-	80191182	80216044	1004
ENSG0000(	1187.43	1060.827	0.16231	0.1565	0.23544	PITPNB	chr22	-	28247657	28316122	2926
ENSG0000(	1217.91	768.3935	0.66395	1.92E-05	5.96E-05	TCEAL8	chrX	-	1.03E+08	1.03E+08	1222
ENSG0000(	203.4005	123.6026	0.71557	0.001325	0.003225	LRRC57	chr15	-	42834720	42841000	2649
ENSG0000(	0	3.06884	-3.0961	0.043807	0.079295	OR52N2	chr11	+	5841544	5842578	1035
ENSG0000(	1015.862	1240.317	-0.28763	0.008814	0.018726	MRPL14	chr6	-	44081194	44095194	956
ENSG0000(	90.54685	52.70293	0.77229	0.007766	0.016648	GPR137C	chr14	+	53019866	53104431	5410
ENSG0000(	0.290301	0	0.4146	0.81455	NA	C1orf105	chr1	+	1.72E+08	1.72E+08	985
ENSG0000(	126.925	37.68563	1.7423	1.62E-11	8.48E-11	BBS12	chr4	+	1.24E+08	1.24E+08	3431
ENSG0000(	103.4269	152.2324	-0.55826	0.013734	0.028051	ZFP82	chr19	-	36874022	36909558	5718
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	C17orf47	chr17	-	56618948	56621729	2123
ENSG0000(	7.499823	4.412253	0.73654	0.37558	0.47963	LSMEM1	chr7	+	1.12E+08	1.12E+08	1870
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	OR56B2P	chr11	+	5786326	5787279	954
ENSG0000(	1924.38	491.1634	1.9663	2.37E-29	2.95E-28	NQO1	chr16	-	69740899	69760854	2912
ENSG0000(	714.2977	3414.526	-2.2519	2.75E-38	4.62E-37	AEN	chr15	+	89164527	89175513	5039
ENSG0000(	896.7723	650.8959	0.46063	0.056711	0.099349	FKRP	chr19	+	47249303	47280245	3332
ENSG0000(	49.67293	58.42463	-0.23516	0.44276	0.54851	RPH3AL	chr17	-	62293	236045	2809
ENSG0000(	189.2787	158.4844	0.25468	0.3296	0.43268	SLC25A42	chr19	+	19174808	19223697	3120
ENSG0000(	1.379541	0	1.686	0.34092	NA	FCRL6	chr1	+	1.6E+08	1.6E+08	1997
ENSG0000(	114.1982	180.0699	-0.6573	0.00366	0.008321	METTL23	chr17	+	74722912	74730018	1184
ENSG0000(	141.7921	7.484382	4.1714	3.83E-24	3.87E-23	ANKRD34A	chr1	+	1.45E+08	1.45E+08	3611
ENSG0000(	296.6998	405.2826	-0.44937	0.002878	0.006654	SLC26A11	chr17	+	78193498	78227299	2885
ENSG0000(	1105.264	974.7946	0.18114	0.3255	0.42838	HIGD1A	chr3	-	42798669	42846023	1373
ENSG0000(	0.290301	4.424406	-2.9732	0.032071	0.060216	CHRM2	chr7	+	1.37E+08	1.37E+08	5918
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	OR52N4	chr11	+	5775923	5776959	1037
ENSG0000(	27.25219	108.9531	-1.9837	2.10E-09	9.40E-09	MAPK15	chr8	+	1.45E+08	1.45E+08	2240
ENSG0000(	2130.536	3573.159	-0.74531	1.65E-12	9.25E-12	EHMT1	chr9	+	1.41E+08	1.41E+08	7842
ENSG0000(	10.37455	15.93178	-0.60923	0.28511	0.38648	RP11-429J	chr8	+	1.45E+08	1.45E+08	1963
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	SDCCAG3P	chr1	-	1.75E+08	1.75E+08	1023
ENSG0000(	3620.668	552.1932	2.7092	6.67E-97	3.68E-95	F2R	chr5	+	76011868	76031606	3821
ENSG0000(	0	1.964165	-2.2052	0.20143	0.2901	HLA-V	chr6	+	29758731	29765588	4814
ENSG0000(	306.578	295.469	0.054002	0.81524	0.87035	ZNF707	chr8	+	1.45E+08	1.45E+08	3031
ENSG0000(	0	2.786395	-2.852	0.075949	0.12778	MUC16	chr19	-	8959520	9092018	43816
ENSG0000(	10167.57	27861.53	-1.4527	1.95E-34	2.91E-33	NPM1	chr5	+	1.71E+08	1.71E+08	1758
ENSG0000(	801.2279	1122.273	-0.48476	1.51E-05	4.74E-05	PJA1	chrX	-	68380694	68385636	2755
ENSG0000(	714.76	1869.836	-1.3845	8.60E-17	6.22E-16	DHTKD1	chr10	+	12110971	12165224	5159
ENSG0000(	3.019472	2.355842	0.30723	0.80534	0.86232	PENK	chr8	-	57349233	57359293	1199
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	HIST3H2BA	chr1	-	2.29E+08	2.29E+08	524
ENSG0000(	10.86184	2.102535	2.2497	0.011491	0.023842	HECW1-IT1	chr7	+	43157495	43202786	1839
ENSG0000(	0	1.280305	-1.6305	0.35731	NA	C4orf50	chr4	-	5958845	5991545	4557
ENSG0000(	40.02095	163.0979	-2.0213	5.44E-16	3.76E-15	HIST3H2A	chr1	-	2.29E+08	2.29E+08	496
ENSG0000(	827.6912	727.4756	0.18579	0.2835	0.38477	ZNF746	chr7	-	1.49E+08	1.49E+08	5051

ENSG0000(	5987.464	6052.351	-0.01554	0.85488	0.89799	POLR2A	chr17	+	7387685	7417933	6749
ENSG0000(	10.94578	4.755391	1.1508	0.14636	0.22226	RP4-682C2	chr1	-	76209103	76210461	1354
ENSG0000(	0	31.59977	-6.5739	9.38E-09	3.99E-08	TMEM132(	chr12	+	1.29E+08	1.29E+08	4947
ENSG0000(	4.077009	9.039011	-1.0992	0.17435	0.25738	SLC25A41	chr19	-	6426048	6433790	1630
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-145N	chr3	+	1.79E+08	1.79E+08	983
ENSG0000(	175.3125	109.1537	0.67905	0.000861	0.002159	TMEM136	chr11	+	1.2E+08	1.2E+08	4143
ENSG0000(	195.5617	1764.513	-3.1561	3.69E-35	5.63E-34	FRAT2	chr10	-	99092255	99094458	2204
ENSG0000(	91.71922	231.5939	-1.325	0.000147	0.00041	TMEM102	chr17	+	7338762	7340998	1973
ENSG0000(	1.503747	153.9533	-6.2985	8.39E-20	7.02E-19	TMEM132E	chr17	+	32907768	32966337	4369
ENSG0000(	182.2327	117.2336	0.63327	0.000674	0.001715	ZNF322	chr6	-	26636518	26659980	2910
ENSG0000(	16.64137	22.2038	-0.40278	0.42257	0.52797	NME9	chr3	-	1.38E+08	1.38E+08	2133
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	SPEM1	chr17	+	7323679	7324951	982
ENSG0000(	6.286378	11.78411	-0.87109	0.18393	0.26911	HEPHL1	chr11	+	93754527	93846917	5345
ENSG0000(	143.2134	279.5619	-0.95538	0.007861	0.016828	FAM211A	chr17	-	16344891	16395467	3157
ENSG0000(	1.016461	8.097813	-2.7208	0.010136	0.021289	OFCC1	chr6	-	9596343	10211841	2877
ENSG0000(	0	1.073121	-1.1788	0.50551	NA	CTAGE10P	chr13	+	50464727	50467134	2408
ENSG0000(	0	7.639738	-4.5488	0.000464	0.001213	CCDC108	chr2	-	2.2E+08	2.2E+08	5953
ENSG0000(	690.8879	20.58277	5.0528	7.29E-109	4.80E-107	DDX60L	chr4	-	1.69E+08	1.69E+08	6781
ENSG0000(	3.309773	164.949	-5.5231	9.93E-27	1.12E-25	SYNE4	chr19	-	36494209	36499695	2339
ENSG0000(	913.84	594.6958	0.61915	0.000198	0.000543	OGFOD3	chr17	-	80347099	80376513	4287
ENSG0000(	104.2208	101.5599	0.040782	0.86278	0.90419	XXyac-YRM	chr9	-	14511	29739	1837
ENSG0000(	0.580602	14.6596	-4.028	0.000177	0.000489	UTS2R	chr17	+	80332153	80333462	1310
ENSG0000(	9.285312	97.8115	-3.3544	5.33E-15	3.49E-14	AATK	chr17	-	79091095	79139877	5257
ENSG0000(	5.621832	12.396	-1.0812	0.1894	0.27586	DDN	chr12	-	49388932	49393092	3749
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	SAGE1	chrX	+	1.35E+08	1.35E+08	3045
ENSG0000(	102.8139	22.65859	2.1696	1.29E-11	6.77E-11	ZNF467	chr7	-	1.49E+08	1.49E+08	2553
ENSG0000(	554.5148	6335.882	-3.5018	5.74E-62	1.74E-60	SOX2	chr3	+	1.81E+08	1.81E+08	2500
ENSG0000(	107.3969	249.0956	-1.2063	1.13E-07	4.41E-07	ZNF678	chr1	+	2.28E+08	2.28E+08	3052
ENSG0000(	651.4961	130.0689	2.3246	2.60E-48	5.68E-47	TMEM45A	chr3	+	1E+08	1E+08	4615
ENSG0000(	1302.54	1150.621	0.17797	0.19781	0.28597	RAP2B	chr3	+	1.53E+08	1.53E+08	6237
ENSG0000(	361.1206	531.2225	-0.55118	0.11508	0.18226	ZBTB2	chr6	-	1.52E+08	1.52E+08	3090
ENSG0000(	217.9927	232.9904	-0.09821	0.58211	0.67838	RNF135	chr17	+	29295803	29326929	2892
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	OR6T1	chr11	-	1.24E+08	1.24E+08	1089
ENSG0000(	45.58736	177.2553	-1.9443	2.95E-08	1.21E-07	ACBD4	chr17	+	43209967	43221548	2241
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	OR8D4	chr11	+	1.24E+08	1.24E+08	1075
ENSG0000(	323.9964	263.1363	0.30074	0.097676	0.1583	SGSH	chr17	-	78180515	78194722	5562
ENSG0000(	5.580756	17.7373	-1.6097	0.010103	0.021223	RPL24P4	chr6	-	42924083	42924503	421
ENSG0000(	111.6708	3.6483	4.83	4.66E-21	4.13E-20	MAB21L2	chr4	+	1.52E+08	1.52E+08	2767
ENSG0000(	67.03704	61.94335	0.11625	0.6833	0.76352	FANCB	chrX	-	14861529	14891191	3008
ENSG0000(	1552.562	1249.527	0.31282	0.050301	0.089408	SETD2	chr3	-	47057919	47205457	8172
ENSG0000(	212.626	22.06785	3.248	5.95E-37	9.61E-36	C6orf223	chr6	+	43968317	43973695	3581
ENSG0000(	0.290301	10.94087	-4.2471	0.000641	0.001638	TMIE	chr3	+	46742823	46752376	1824
ENSG0000(	3539.492	3540.92	-0.00055	0.99701	0.99834	MEX3D	chr19	-	1554668	1568057	2850
ENSG0000(	521.7153	795.9199	-0.60726	0.000486	0.001265	MRPS23	chr17	-	55916842	55927417	921
ENSG0000(	111.1683	16.52823	2.7271	2.56E-18	1.99E-17	GPR135	chr14	-	59895740	59932060	4578
ENSG0000(	0.290301	0	0.4146	0.81455	NA	SLX1B	chr16	+	29465822	29469540	1558
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	ANKRD62	chr18	+	12093848	12129748	4520
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	P2RY13	chr3	-	1.51E+08	1.51E+08	2764
ENSG0000(	4.262829	0.343138	2.8567	0.04423	0.079931	TNFSF15	chr9	-	1.18E+08	1.18E+08	2789
ENSG0000(	209.8743	271.3077	-0.36831	0.074785	0.12618	ZFP41	chr8	+	1.44E+08	1.44E+08	4797
ENSG0000(	1674.524	150.2989	3.4683	1.07E-95	5.81E-94	PHLDA2	chr11	-	2949503	2950685	955
ENSG0000(	25.21829	24.99261	0.012465	0.97568	0.9865	ATG9B	chr7	-	1.51E+08	1.51E+08	4571
ENSG0000(	137.5293	0	8.5648	3.49E-15	2.31E-14	GPR88	chr1	+	1.01E+08	1.01E+08	3491
ENSG0000(	402.7472	668.3152	-0.73023	2.72E-05	8.28E-05	HKR1	chr19	+	37803739	37860267	3472
ENSG0000(	271.443	297.4081	-0.13106	0.63893	0.72652	PLAG1	chr8	-	57073463	57123883	7322
ENSG0000(	781.6531	738.8321	0.082025	0.47559	0.58018	YIPF6	chrX	+	67718165	67757127	6741
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	OR5T2	chr11	-	55999490	56000737	1248
ENSG0000(	46.81792	6.062418	2.9104	2.80E-09	1.24E-08	ZBTB20	chr3	-	1.14E+08	1.15E+08	3740
ENSG0000(	0.36308	0	0.4146	0.81455	NA	OR2Z1	chr19	+	8841316	8842371	1056
ENSG0000(	3.350849	1.698704	0.88455	0.42016	0.52563	FDX1P1	chr20	-	33063729	33064279	551
ENSG0000(	459.1182	611.0655	-0.41189	0.008303	0.017699	C3orf58	chr3	+	1.44E+08	1.44E+08	4346
ENSG0000(	249.4546	243.7436	0.030856	0.8711	0.91003	C5orf30	chr5	+	1.03E+08	1.03E+08	3049
ENSG0000(	37.55396	101.6152	-1.4278	2.97E-06	1.01E-05	AMIGO1	chr1	-	1.1E+08	1.1E+08	5088
ENSG0000(	108.0812	118.2501	-0.12684	0.55862	0.65756	GPR3	chr1	+	27719148	27722318	2115
ENSG0000(	1.431782	16.27492	-3.3308	0.000215	0.000587	ODF3L2	chr19	-	463346	474983	1604

ENSG0000(	554.5361	333.0613	0.73391	4.76E-06	1.59E-05	SIAH2	chr3	-	1.5E+08	1.5E+08	2517
ENSG0000(	6807.682	2161.482	1.6535	7.09E-46	1.45E-44	COPG1	chr3	+	1.29E+08	1.29E+08	3231
ENSG0000(	280.8607	322.7454	-0.20029	0.31995	0.42277	BAI1	chr8	+	1.44E+08	1.44E+08	6241
ENSG0000(	11.76265	31.44516	-1.386	0.005836	0.012823	LINC00471	chr2	-	2.32E+08	2.32E+08	1282
ENSG0000(	5.040416	4.210775	0.2457	0.79896	0.85758	CELF2-AS1	chr10	-	11358797	11361847	2468
ENSG0000(	31.94069	12.47281	1.3427	0.006543	0.014242	SLC9A9	chr3	-	1.43E+08	1.44E+08	3627
ENSG0000(	632.8014	560.3161	0.17538	0.24533	0.34113	LSM10	chr1	-	36856839	36863493	1006
ENSG0000(	0.36308	0.715414	-0.51558	0.77246	NA	KCTD9P2	chrX	+	1.05E+08	1.05E+08	1013
ENSG0000(	127.825	72.52168	0.8135	0.000246	0.000665	RELL1	chr4	-	37592422	37687998	1350
ENSG0000(	739.1423	542.137	0.44685	0.002345	0.005488	RFX7	chr15	-	56379478	56535483	7194
ENSG0000(	1046.54	429.7545	1.2801	1.94E-16	1.38E-15	SLC35C1	chr11	+	45825623	45834566	4171
ENSG0000(	0	1.073121	-1.1788	0.50551	NA	TIGIT	chr3	+	1.14E+08	1.14E+08	3710
ENSG0000(	840.7355	875.4729	-0.05758	0.65809	0.74245	RNF41	chr12	-	56598285	56615717	3270
ENSG0000(	1.681007	80.96357	-5.3846	6.90E-15	4.50E-14	SLC2A4	chr17	+	7184986	7191576	3426
ENSG0000(	304.3332	604.1049	-0.98409	7.60E-05	0.00022	IBA57	chr1	+	2.28E+08	2.28E+08	9815
ENSG0000(	0.653381	1067.281	-10	2.43E-37	3.98E-36	CLDN7	chr17	-	7163222	7167302	1923
ENSG0000(	191.6696	314.0404	-0.71243	1.01E-05	3.23E-05	ZNF329	chr19	-	58637619	58666477	3410
ENSG0000(	122.4979	760.6024	-2.6301	3.09E-66	1.04E-64	ZNF101	chr19	+	19779605	19794318	4627
ENSG0000(	1138.835	235.0614	2.2708	9.63E-58	2.65E-56	C5orf24	chr5	+	1.34E+08	1.34E+08	5065
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	AP003774.	chr11	+	64216546	64219126	2337
ENSG0000(	1156.425	859.6319	0.42658	0.005659	0.012465	ADO	chr10	+	64564516	64568238	3723
ENSG0000(	552.5433	847.706	-0.61586	0.000109	0.00031	COA4	chr11	-	73583712	73588033	1038
ENSG0000(	701.0239	467.7058	0.58367	2.90E-06	9.89E-06	PRKAG1	chr12	-	49396057	49412980	2071
ENSG0000(	170.6062	280.1748	-0.7105	0.007245	0.015627	GINS3	chr16	+	58328984	58440048	3202
ENSG0000(	0	1.326428	-1.6486	0.3523	NA	NEUROG1	chr5	-	1.35E+08	1.35E+08	1649
ENSG0000(	396.7406	107.2736	1.8829	3.95E-28	4.69E-27	CCDC149	chr4	-	24807739	24981826	5604
ENSG0000(	621.5443	467.8567	0.4093	0.01867	0.037109	MRPS11	chr15	+	89010684	89022222	2002
ENSG0000(	0.705622	0.357707	0.57557	0.74268	NA	RP11-651P	chr3	+	1.5E+08	1.5E+08	403
ENSG0000(	930.056	1426.709	-0.61552	4.48E-05	0.000133	SNRPE	chr1	+	2.04E+08	2.04E+08	967
ENSG0000(	549.0274	420.5147	0.38539	0.011702	0.024227	RTKN2	chr10	-	63942794	64028466	6641
ENSG0000(	657.253	515.8709	0.34746	0.077235	0.12965	PNMAL1	chr19	-	46969748	46974820	3689
ENSG0000(	106.527	237.5396	-1.1485	1.94E-05	6.03E-05	CHST15	chr10	-	1.26E+08	1.26E+08	4810
ENSG0000(	0.290301	40.71821	-5.869	1.11E-06	3.97E-06	USH1G	chr17	-	72912176	72919351	3561
ENSG0000(	0.705622	5.528339	-2.4276	0.08179	0.13616	TRPC2	chr11	+	3631131	3658789	3173
ENSG0000(	0	27.39612	-6.2737	2.20E-07	8.34E-07	MGAT4C	chr12	-	86372516	87232681	3193
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	TRIM49B	chr11	+	49050504	49059579	1437
ENSG0000(	3773.498	1428.527	1.3981	3.68E-16	2.57E-15	IDH2	chr15	-	90626277	90645736	2694
ENSG0000(	9.18083	14.31962	-0.60908	0.32478	0.42767	Z83851.3	chr22	+	42665759	42671202	1242
ENSG0000(	0	1.387121	-1.6961	0.33794	NA	OR52A1	chr11	-	5172239	5207612	1779
ENSG0000(	1.048164	0	1.348	0.44949	NA	PTCHD3	chr10	-	27687116	27703297	2529
ENSG0000(	2774.688	2915.48	-0.07148	0.57324	0.67038	TMEM259	chr19	-	1006168	1021117	5098
ENSG0000(	412.5807	311.6803	0.40523	0.00566	0.012465	WRB	chr21	+	40752170	40800454	1616
ENSG0000(	8436.652	4345.759	0.95594	2.82E-16	1.98E-15	TNRC18	chr7	-	5346421	5465045	10572
ENSG0000(	106.6	78.93227	0.42899	0.15334	0.2313	FAM181B	chr11	-	82443053	82444906	1854
ENSG0000(	37.8538	416.5029	-3.4327	1.38E-45	2.80E-44	TMEM30B	chr14	-	61744088	61748558	4471
ENSG0000(	1.338465	2.010288	-0.50274	0.6905	0.76928	DEXI	chr16	-	11022748	11036317	1561
ENSG0000(	2.67693	3.414394	-0.30912	0.77918	0.84153	RP11-69E1	chr1	-	39987952	40011859	2241
ENSG0000(	852.3597	902.3815	-0.08141	0.54302	0.64354	NOP10	chr15	-	34633917	34635378	551
ENSG0000(	235.2118	71.51583	1.7059	1.75E-15	1.18E-14	FAM89A	chr1	-	2.31E+08	2.31E+08	1576
ENSG0000(	668.2046	10.55564	5.9411	7.71E-93	4.02E-91	KCNIP1	chr5	+	1.7E+08	1.7E+08	2014
ENSG0000(	151.0628	386.5425	-1.35	3.52E-14	2.18E-13	TDRKH	chr1	-	1.52E+08	1.52E+08	3093
ENSG0000(	115.2052	327.1192	-1.4942	1.01E-06	3.60E-06	ZNF708	chr19	-	21473962	21512227	4004
ENSG0000(	1482.735	2028.073	-0.45091	6.51E-05	0.00019	IST1	chr16	+	71919136	71962913	2654
ENSG0000(	348.5623	239.0652	0.54384	0.011453	0.02377	ERCC6L2	chr9	+	98637983	98776842	4564
ENSG0000(	1460.465	1376.732	0.084799	0.58417	0.68004	MRPL41	chr9	+	1.4E+08	1.4E+08	1262
ENSG0000(	4781.304	734.244	2.6984	4.11E-73	1.55E-71	CREB3L2	chr7	-	1.38E+08	1.38E+08	7412
ENSG0000(	1.370168	5.955602	-1.8631	0.11725	0.18514	P2RY8	chrX	-	1581465	1656000	4198
ENSG0000(	104.5705	75.27263	0.46831	0.22931	0.32256	TP53TG1	chr7	-	86954541	86974831	855
ENSG0000(	245.2928	10.8979	4.4563	2.77E-28	3.31E-27	UNC5C	chr4	-	96083655	96470357	9875
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	MRGPRG	chr11	-	3239174	3240043	870
ENSG0000(	223.4391	866.4361	-1.9496	3.15E-35	4.81E-34	TSEN54	chr17	+	73512141	73520820	1944
ENSG0000(	451.4063	1062.588	-1.232	1.98E-23	1.95E-22	RGMA	chr15	-	93586636	93632433	3216
ENSG0000(	0	9.779532	-4.909	0.000104	0.000295	ASB18	chr2	-	2.37E+08	2.37E+08	3627
ENSG0000(	283.6158	4.744111	5.766	6.46E-44	1.26E-42	UBA7	chr3	-	49842640	49851379	3299
ENSG0000(	1200.189	1859.254	-0.63057	2.60E-08	1.06E-07	MRPS16	chr10	-	75006510	75012451	2634

ENSG0000(	4.63626	10.08541	-1.0257	0.20288	0.29177	FAM159A	chr1	+	53099016	53135355	1992
ENSG0000(	39.98085	54.21788	-0.43173	0.19685	0.28484	RAD51B	chr14	+	68286496	69196935	2596
ENSG0000(	0	2.414118	-2.7105	0.090717	0.14874	CRYGB	chr2	-	2.09E+08	2.09E+08	641
ENSG0000(	1203.126	645.2806	0.89797	4.06E-14	2.51E-13	LDOC1	chrX	-	1.4E+08	1.4E+08	1370
ENSG0000(	9.014735	6.108542	0.55841	0.44306	0.54873	ARL6IP4	chr12	+	1.23E+08	1.23E+08	1782
ENSG0000(	1888.865	714.6195	1.4004	4.60E-23	4.46E-22	EXT1	chr8	-	1.19E+08	1.19E+08	8270
ENSG0000(	3866.151	5044.256	-0.38321	0.000202	0.000555	SHMT2	chr12	+	57623110	57628718	3416
ENSG0000(	324.8919	318.7247	0.02646	0.87618	0.91404	MOB2	chr11	-	1490687	1522477	3174
ENSG0000(	0.580602	2.217472	-1.3687	0.38505	0.48929	HIST2H4B	chr1	-	1.5E+08	1.5E+08	1696
ENSG0000(	96.33136	85.15218	0.17589	0.63031	0.71982	HHIPL1	chr14	+	1E+08	1E+08	7390
ENSG0000(	1586.561	923.467	0.78046	4.16E-14	2.57E-13	ATP6AP2	chrX	+	40440146	40465889	2093
ENSG0000(	4.077009	25.32614	-2.5673	0.000129	0.000364	ZAR1	chr4	+	48492269	48496406	1460
ENSG0000(	183.2757	202.8769	-0.14489	0.50129	0.60491	CYB5D1	chr17	+	7761064	7765600	3509
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	FAM153B	chr5	+	1.75E+08	1.76E+08	4330
ENSG0000(	344.9056	316.691	0.12233	0.4714	0.57615	BACE2	chr21	+	42539728	42648524	2993
ENSG0000(	350.9699	583.6164	-0.73252	3.63E-07	1.35E-06	UBE2E2	chr3	+	23244511	23633284	2748
ENSG0000(	377.4309	44.61162	3.0576	5.50E-42	1.02E-40	SYNM	chr15	+	99638420	99675798	7393
ENSG0000(	9.502835	0.297015	4.0857	0.000889	0.002226	KCNA4	chr11	-	30031288	30038570	4172
ENSG0000(	187.267	9.467948	4.2536	6.92E-37	1.12E-35	GABRG3	chr15	+	27216429	27778373	2004
ENSG0000(	3.008307	1.058552	1.3105	0.30234	0.40359	C22orf26	chr22	-	46445358	46450024	2817
ENSG0000(	3.64115	1.995719	0.7883	0.44495	0.55046	NLRP10	chr11	-	7980971	7986973	2350
ENSG0000(	141.0376	354.5299	-1.327	1.69E-14	1.08E-13	FIGN	chr2	-	1.64E+08	1.65E+08	9536
ENSG0000(	1.027626	5.035421	-1.9854	0.10694	0.17088	IZUMO1	chr19	-	49244109	49250166	2218
ENSG0000(	1418.501	1253.086	0.17802	0.20509	0.29437	B4GALNT4	chr11	+	369796	382116	3444
ENSG0000(	958.4453	1964.776	-1.0343	2.31E-17	1.72E-16	AP1S2	chrX	-	15843929	15873054	3492
ENSG0000(	645.4506	1002.616	-0.63314	1.36E-05	4.31E-05	C8orf33	chr8	+	1.46E+08	1.46E+08	2677
ENSG0000(	3.10081	3.740547	-0.21073	0.83958	0.88742	DCAF4L1	chr4	+	41983713	41988476	4764
ENSG0000(	187.7271	75.38333	1.3131	5.49E-11	2.77E-10	LINC00085	chr19	+	52196593	52215640	1960
ENSG0000(	159.5705	96.92013	0.71975	0.003166	0.007274	ZSCAN22	chr19	+	58838385	58853698	4629
ENSG0000(	737.5585	1703.992	-1.2067	1.29E-30	1.68E-29	SGK223	chr8	-	8175258	8244008	4891
ENSG0000(	30.43597	25.52836	0.24941	0.52746	0.62915	KCNJ14	chr19	+	48958766	48969367	3120
ENSG0000(	178.0941	344.3265	-0.94988	1.38E-06	4.86E-06	FBXL6	chr8	-	1.46E+08	1.46E+08	3108
ENSG0000(	31.43287	63.79016	-1.0088	0.000966	0.002402	C1S	chr12	+	7096351	7178336	3076
ENSG0000(	33.38005	22.56883	0.55404	0.29864	0.40041	GLTPD2	chr17	+	4692254	4693685	1023
ENSG0000(	3.609448	1.652581	0.99986	0.37554	0.47961	AC079354.	chr2	+	2.03E+08	2.03E+08	5135
ENSG0000(	0.36308	0	0.4146	0.81455	NA	LIPF	chr10	+	90424198	90438571	1470
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	RP11-39K2	chr9	-	5084999	5086112	1114
ENSG0000(	25.77159	32.26094	-0.32667	0.44578	0.55121	KBTBD3	chr11	-	1.06E+08	1.06E+08	3751
ENSG0000(	203.9931	198.3411	0.039887	0.80177	0.85977	YBEY	chr21	+	47706251	47717665	1402
ENSG0000(	0.653381	0.640152	0.01046	0.99499	NA	FAM87A	chr8	-	325931	333174	4013
ENSG0000(	4.553943	5.415818	-0.25741	0.79956	0.85803	FAM27A	chr9	+	45727107	45728274	616
ENSG0000(	1072.618	1735.033	-0.69336	5.86E-10	2.76E-09	CLN8	chr8	+	1703944	1734738	7113
ENSG0000(	3.019472	1.294874	1.0471	0.37733	0.48143	RP5-1142A	chr16	+	88809175	88812156	2137
ENSG0000(	1543.823	3642.664	-1.2376	2.01E-36	3.19E-35	PLCXD1	chrX	+	192989	220023	5507
ENSG0000(	563.5479	111.5275	2.3227	2.95E-20	2.51E-19	NXPH4	chr12	+	57610578	57620232	2007
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTD-2503C	chr5	-	74286014	74286462	449
ENSG0000(	11.1426	78.13186	-2.7812	5.73E-08	2.28E-07	CACNB4	chr2	-	1.53E+08	1.53E+08	8055
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	IFNL1	chr19	+	39786965	39789313	857
ENSG0000(	7.084503	2.901332	1.1954	0.17702	0.26061	DNM1P46	chr15	-	1E+08	1E+08	3831
ENSG0000(	357.3817	302.6374	0.23916	0.1061	0.16976	TRAPPC6B	chr14	-	39617015	39639736	4533
ENSG0000(	1.338465	2.414118	-0.72177	0.56228	0.66064	RP1-86D11.	chr6	-	1.29E+08	1.29E+08	1904
ENSG0000(	27.41829	15.90747	0.77314	0.077242	0.12965	PGBD4	chr15	+	34394274	34396591	2318
ENSG0000(	4089.384	2337.171	0.80595	1.23E-09	5.63E-09	NPLOC4	chr17	-	79523913	79615495	5538
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	KCNK4	chr11	+	64058774	64067503	1723
ENSG0000(	2.624689	18.06345	-2.6475	0.00039	0.001028	TEX19	chr17	+	80317123	80321652	1936
ENSG0000(	861.9179	17.16596	5.6225	6.35E-119	4.87E-117	TSHZ2	chr20	+	51588946	52111869	12187
ENSG0000(	10.0312	22.61501	-1.1417	0.05226	0.092445	CAPN12	chr19	-	39220827	39260544	2762
ENSG0000(	1608.565	1001.615	0.68197	0.00015	0.000417	EXOC7	chr17	-	74077098	74117657	4751
ENSG0000(	0.36308	0	0.4146	0.81455	NA	OR2B8P	chr6	-	28021006	28021943	938
ENSG0000(	3726.697	9852.203	-1.4016	8.66E-49	1.92E-47	KPNA2	chr17	+	66031635	66042958	2456
ENSG0000(	10.56037	10.99914	-0.0684	0.90862	0.9372	WASH6P	chrX	+	1.55E+08	1.55E+08	4244
ENSG0000(	0.943682	3.307578	-1.4984	0.24706	0.34307	NCF1B	chr7	+	72634611	72649979	1516
ENSG0000(	6.379694	20.78512	-1.6701	0.004665	0.010437	XKRX	chrX	-	1E+08	1E+08	2851
ENSG0000(	17384.87	55.97076	8.2649	0	0	BGN	chrX	+	1.53E+08	1.53E+08	2402
ENSG0000(	418.496	731.5024	-0.80466	1.07E-08	4.55E-08	ORAI1	chr12	+	1.22E+08	1.22E+08	2139

ENSG0000(	0.580602	0.297015	0.36801	0.83644	NA	ABHD17AP	chr22	-	22469236	22472374	900
ENSG0000(	583.1959	239.0577	1.2832	1.10E-11	5.80E-11	CEP97	chr3	+	1.01E+08	1.01E+08	8361
ENSG0000(	36.04598	27.1737	0.4104	0.31533	0.41792	LHFPL1	chrX	-	1.12E+08	1.12E+08	1675
ENSG0000(	253.718	128.4925	0.97918	1.95E-08	8.08E-08	FES	chr15	+	91426925	91439006	2829
ENSG0000(	1350.112	2113.18	-0.6458	3.02E-09	1.33E-08	GLRX5	chr14	+	95999840	96011061	1863
ENSG0000(	98.74048	115.8811	-0.22543	0.37267	0.47707	FAM104B	chrX	-	55169535	55187743	1229
ENSG0000(	0.685084	0.997859	-0.39711	0.8057	NA	TBPL2	chr14	-	55880259	55923444	2037
ENSG0000(	1.161205	0.951736	0.21393	0.89713	0.9286	CAV3	chr3	+	8775486	8883492	1431
ENSG0000(	2458.754	751.2066	1.7067	3.76E-32	5.22E-31	MXRA7	chr17	-	74668633	74707098	5661
ENSG0000(	766.1808	780.6348	-0.0259	0.87765	0.9148	LIMK2	chr22	+	31608225	31676066	3670
ENSG0000(	547.4286	308.1485	0.82834	6.28E-10	2.95E-09	MFSD5	chr12	+	53645035	53648189	2038
ENSG0000(	0.632843	2.56061	-1.5598	0.28722	0.38887	RNASE10	chr14	+	20973696	20979328	1172
ENSG0000(	551.2908	278.2682	0.98305	1.41E-05	4.44E-05	ADI1	chr2	-	3501690	3523507	3870
ENSG0000(	338.4099	232.4131	0.54293	0.000471	0.001228	RWDD4	chr4	-	1.85E+08	1.85E+08	2641
ENSG0000(	3.16503	0.654722	1.7702	0.22105	0.31306	SPNS3	chr17	+	4336983	4391503	2133
ENSG0000(	0.72616	0	0.85004	0.63064	NA	OR4C2P	chr11	+	48441762	48442825	1064
ENSG0000(	0	7.143661	-4.4212	0.000906	0.002262	CLEC4G	chr19	-	7793843	7798792	1360
ENSG0000(	241.1186	837.6326	-1.7923	9.23E-21	8.07E-20	SATB1	chr3	-	18386864	18487080	7825
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP3-341D1	chrX	+	1E+08	1E+08	946
ENSG0000(	15.2078	103.0491	-2.7205	1.07E-14	6.91E-14	NXPH3	chr17	+	47653220	47661189	5194
ENSG0000(	17.46166	4.602452	1.8405	0.007215	0.015571	CSF1R	chr5	-	1.49E+08	1.49E+08	3989
ENSG0000(	1475.535	417.3037	1.8062	5.30E-08	2.12E-07	EPHB3	chr3	+	1.84E+08	1.84E+08	4236
ENSG0000(	0	2.696564	-2.9337	0.058159	0.10164	VCX	chrX	+	7810303	7812184	967
ENSG0000(	77.86603	20.20325	1.9249	2.26E-07	8.55E-07	ACTL10	chr20	+	32254304	32256331	2028
ENSG0000(	4.906837	0	3.8718	0.005465	0.012077	EPGN	chr4	+	75174190	75181024	1196
ENSG0000(	2.085163	1.012429	0.8372	0.54898	0.64881	LINC00334	chr21	+	46654255	46678645	589
ENSG0000(	28.33287	34.55697	-0.28751	0.55245	0.65184	C2orf82	chr2	+	2.34E+08	2.34E+08	2782
ENSG0000(	0	148.8126	-8.6409	4.41E-15	2.90E-14	HS3ST4	chr16	+	25703347	26149009	3203
ENSG0000(	1449.697	1322.023	0.13288	0.29918	0.40084	TRAK1	chr3	+	42055294	42267381	5536
ENSG0000(	1.701545	3.411978	-0.89949	0.42028	0.52575	HIST1H2AJ	chr6	-	27782112	27782607	496
ENSG0000(	16.85791	19.12281	-0.18201	0.70162	0.77792	TSPAN10	chr17	+	79604197	79615779	1896
ENSG0000(	186.9701	206.2633	-0.14079	0.41283	0.51765	PLCB1	chr20	+	8112824	8949003	7295
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-123C	chr15	+	58978610	58978816	207
ENSG0000(	713.9719	649.1338	0.13784	0.31622	0.41896	SKA2	chr17	-	57187312	57232630	2798
ENSG0000(	1.939605	7.004418	-1.6684	0.10632	0.17007	RXFP3	chr5	+	33936491	33939023	2533
ENSG0000(	339.081	714.3447	-1.0729	1.01E-18	7.99E-18	NDN	chr15	-	23930565	23932450	1886
ENSG0000(	0	28.77766	-6.4312	2.75E-08	1.13E-07	CCDC172	chr10	+	1.18E+08	1.18E+08	1699
ENSG0000(	24.93834	14.68786	0.75768	0.094118	0.15353	FAM156A	chrX	-	52976462	53024651	2945
ENSG0000(	0	3.183777	-3.1728	0.037267	0.068902	AC073871.	chr7	-	1.56E+08	1.56E+08	766
ENSG0000(	2999.93	150.8816	4.3085	7.87E-182	1.39E-179	NTM	chr11	+	1.31E+08	1.32E+08	3190
ENSG0000(	9392.179	360.5688	4.6991	1.98E-283	8.20E-281	TTC3	chr21	+	38445526	38575413	10363
ENSG0000(	6.649458	28.70972	-2.0736	6.21E-05	0.000181	KCNB2	chr8	+	73449626	73850584	3582
ENSG0000(	1.048164	8.988856	-2.8434	0.006909	0.014975	PPP1R27	chr17	-	79791368	79792926	1443
ENSG0000(	97.50129	59.46854	0.71154	0.007762	0.016642	BRICD5	chr16	-	2259254	2261951	1913
ENSG0000(	1.597063	42.35931	-4.4943	2.25E-10	1.09E-09	GALR2	chr17	+	74070875	74073622	1364
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	RESP18	chr2	-	2.2E+08	2.2E+08	866
ENSG0000(	41.41247	21.01091	0.96425	0.026764	0.0513	IGIP	chr5	+	1.4E+08	1.4E+08	2871
ENSG0000(	3832.844	842.1675	2.1828	3.59E-51	8.47E-50	TSKU	chr11	+	76493295	76509198	3554
ENSG0000(	19612.16	2171.556	3.1718	2.09E-155	2.59E-153	ANXA2	chr15	-	60639333	60695082	3528
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	SEPHS1P1	chr7	-	64312775	64313732	958
ENSG0000(	17.19964	5.727402	1.5127	0.020472	0.04029	RGS6	chr14	+	72399156	73030654	3105
ENSG0000(	317.8556	0.686276	8.3291	8.72E-25	9.05E-24	HOXB4	chr17	-	46652875	46657473	3757
ENSG0000(	3.495593	9.976178	-1.4103	0.074724	0.12609	SLC35D3	chr6	+	1.37E+08	1.37E+08	2359
ENSG0000(	394.8619	132.1061	1.5734	3.98E-21	3.53E-20	PAQR7	chr1	-	26187701	26197744	3297
ENSG0000(	1100.898	19.9208	5.7665	1.58E-126	1.36E-124	PAPPA	chr9	+	1.19E+08	1.19E+08	10959
ENSG0000(	1.048164	165.5507	-6.9323	9.06E-18	6.89E-17	MAFA	chr8	-	1.45E+08	1.45E+08	2347
ENSG0000(	658.1993	574.1506	0.19684	0.16113	0.24119	NGRN	chr15	+	90808891	90816463	2784
ENSG0000(	6.971462	7.919767	-0.18092	0.79983	0.85824	GRID1	chr10	-	87359312	88126250	5834
ENSG0000(	0.342542	0.686276	-0.48412	0.78604	NA	HCAR2	chr12	-	1.23E+08	1.23E+08	2051
ENSG0000(	5.217676	9.066534	-0.76352	0.30797	0.40974	CCDC87	chr11	-	66357640	66360554	2915
ENSG0000(	0.705622	57.01723	-5.945	1.96E-11	1.02E-10	C1orf116	chr1	-	2.07E+08	2.07E+08	5493
ENSG0000(	118.3222	133.1015	-0.17064	0.42377	0.52925	TMEM198E	chr12	+	56223529	56230030	2787
ENSG0000(	0.685084	8.299292	-3.1169	0.010034	0.021096	MAGEB17	chrX	+	16185604	16189587	1434
ENSG0000(	2886.703	234.3258	3.6103	6.97E-70	2.50E-68	CRIP2	chr14	+	1.06E+08	1.06E+08	1976
ENSG0000(	151.5415	363.4028	-1.2562	8.87E-09	3.78E-08	DDX28	chr16	-	68055179	68057770	2592

ENSG0000(	1609.813	686.7588	1.2267	1.77E-23	1.74E-22	ACBD3	chr1	-	2.26E+08	2.26E+08	3573
ENSG0000(	1207.508	878.0317	0.45906	0.00041	0.001078	C16orf72	chr16	+	9185505	9215497	5953
ENSG0000(	32.31314	0.357707	5.7775	8.35E-08	3.28E-07	PLCXD3	chr5	-	41307056	41510730	7704
ENSG0000(	163.6099	269.5253	-0.72106	0.002373	0.005548	RRP7B	chr22	-	42951229	42978044	2375
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	GPIHBP1	chr8	+	1.44E+08	1.44E+08	2281
ENSG0000(	7.116206	2.07098	1.674	0.079931	0.13341	VMO1	chr17	-	4688580	4689728	766
ENSG0000(	549.6739	578.9198	-0.07574	0.54524	0.64551	ALG12	chr22	-	50296867	50312106	2360
ENSG0000(	0.72616	824.4289	-9.6271	1.35E-33	1.97E-32	LCK	chr1	+	32716840	32751766	2166
ENSG0000(	7.612864	3.556053	1.0252	0.24825	0.34448	GALNT9	chr12	-	1.33E+08	1.33E+08	2410
ENSG0000(	17261.15	6269.427	1.4589	2.73E-27	3.14E-26	COL18A1	chr21	+	46825052	46933634	6607
ENSG0000(	1800.179	1926.537	-0.09803	0.31635	0.41904	RBM10	chrX	+	47004268	47046212	3747
ENSG0000(	36.50499	98.86764	-1.4214	4.70E-05	0.000139	RP11-181G	chr1	-	2113233	2115828	2260
ENSG0000(	0	4.880065	-3.5199	0.02591	0.049838	GPR97	chr16	+	57702099	57723975	2728
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-558C	chrX	+	3635190	3635641	452
ENSG0000(	11.98197	12.40083	-0.04648	0.93522	0.95756	GLUD2	chrX	+	1.2E+08	1.2E+08	2333
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	TMEM95	chr17	+	7258442	7260538	1191
ENSG0000(	6263.823	8603.999	-0.4573	0.000102	0.000291	RPL35A	chr3	+	1.98E+08	1.98E+08	1437
ENSG0000(	251.3348	23.4647	3.4025	7.97E-39	1.36E-37	RGS7	chr1	-	2.41E+08	2.42E+08	2494
ENSG0000(	7.458748	13.2716	-0.79608	0.19689	0.28487	SLC25A18	chr22	+	18043139	18073647	2454
ENSG0000(	172.1457	470.6498	-1.4436	7.83E-09	3.35E-08	ZNF721	chr4	-	419604	492945	4492
ENSG0000(	155.6648	82.32243	0.90987	0.005786	0.012716	LENG9	chr19	-	54972981	54974894	1914
ENSG0000(	6.442287	33.135	-2.2857	7.86E-05	0.000227	C21orf90	chr21	+	45937099	45945835	2422
ENSG0000(	618.8802	62.64427	3.2968	6.13E-69	2.17E-67	TCEAL7	chrX	+	1.03E+08	1.03E+08	1177
ENSG0000(	278.0151	325.004	-0.22429	0.23364	0.32728	C11orf54	chr11	+	93474757	93497915	4094
ENSG0000(	294.1667	295.0394	-0.00298	0.98524	0.99141	CEP63	chr3	+	1.34E+08	1.34E+08	5778
ENSG0000(	0	3.175656	-2.858	0.085499	0.14146	WFDC10B	chr20	-	44313292	44333658	630
ENSG0000(	4029.032	1350.808	1.5757	5.02E-63	1.57E-61	SRPR	chr11	-	1.26E+08	1.26E+08	3069
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	OTOP3	chr17	+	72931814	72946087	2516
ENSG0000(	4973.964	5224.587	-0.07072	0.68284	0.7631	EWSR1	chr22	+	29663998	29696515	7285
ENSG0000(	11.42272	0.297015	4.3315	0.000335	0.000891	ODF3L1	chr15	+	76016318	76020029	1196
ENSG0000(	624.3807	618.9366	0.012821	0.94274	0.96298	HMGN4	chr6	+	26538633	26546482	1225
ENSG0000(	298.1049	495.2138	-0.73214	1.64E-08	6.82E-08	SPATA13	chr13	+	24553839	24895169	8603
ENSG0000(	2356.735	2170.77	0.11832	0.36179	0.46601	GJC1	chr17	-	42875816	42908184	7640
ENSG0000(	0.342542	5.709544	-3.1832	0.025	0.048267	SOX1	chr13	+	1.13E+08	1.13E+08	4108
ENSG0000(	392.9867	485.3506	-0.3039	0.053249	0.093978	CNOT10	chr3	+	32726637	32815367	2815
ENSG0000(	1606.212	2772.792	-0.78651	2.51E-08	1.03E-07	MTA1	chr14	+	1.06E+08	1.06E+08	2876
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	ZNF662	chr3	+	42947223	42960825	5629
ENSG0000(	1282.126	579.6995	1.1434	8.48E-15	5.49E-14	CADM1	chr11	-	1.15E+08	1.15E+08	4223
ENSG0000(	303.6326	759.2853	-1.3199	9.76E-21	8.51E-20	ZNF320	chr19	-	53367043	53400946	6448
ENSG0000(	9.512207	21.38399	-1.1435	0.027563	0.052671	C12orf60	chr12	+	14956506	15059520	2870
ENSG0000(	3010.167	1793.37	0.74524	1.46E-05	4.61E-05	PYCR1	chr17	-	79890260	79900288	1890
ENSG0000(	700.4643	360.2266	0.9593	9.88E-11	4.88E-10	LSMD1	chr17	-	7760003	7788556	999
ENSG0000(	0	1.606458	-1.9287	0.27074	NA	IQCA1P1	chr7	-	1.51E+08	1.51E+08	2456
ENSG0000(	4.782631	46.80399	-3.2485	1.94E-09	8.73E-09	SPNS2	chr17	+	4402133	4442330	3447
ENSG0000(	0.290301	1.326428	-1.262	0.45814	NA	C19orf59	chr19	+	7741514	7744712	1730
ENSG0000(	1750.609	1128.916	0.63213	1.47E-07	5.66E-07	AP2A2	chr11	+	924894	1012239	4575
ENSG0000(	373.8647	26.73744	3.8006	2.14E-61	6.39E-60	SLC8A1	chr2	-	40339286	40838193	6111
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	OR1G1	chr17	-	3029878	3030875	998
ENSG0000(	11.08873	57.451	-2.337	3.43E-09	1.51E-08	SLC25A21	chr14	-	37147636	37642071	2785
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	OTOP2	chr17	+	72920370	72930007	2147
ENSG0000(	1.379541	4.006007	-1.3681	0.24545	0.34128	PCP4	chr21	+	41239243	41301322	706
ENSG0000(	119.862	155.4671	-0.3748	0.053842	0.094872	ABAT	chr16	+	8768422	8878432	5586
ENSG0000(	52.04335	114.2855	-1.1232	0.000161	0.000446	SLC25A10	chr17	+	79670404	79688042	1946
ENSG0000(	533.4293	449.0238	0.24699	0.14035	0.21424	CAMK1D	chr10	+	12391481	12877545	8154
ENSG0000(	4.419551	1.485073	1.2878	0.30937	0.4112	RGPD6	chr2	-	1.11E+08	1.11E+08	7165
ENSG0000(	5.675864	0.700845	2.6274	0.031441	0.059114	FAM133CP	chr10	+	60475314	60476017	704
ENSG0000(	212.1069	258.0054	-0.28282	0.088186	0.14527	LYSMD4	chr15	-	1E+08	1E+08	3042
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	WBP2NL	chr22	+	42394729	42454460	3403
ENSG0000(	4.595998	18.65587	-1.9573	0.001822	0.004339	IGSF5	chr21	+	41117334	41174023	2066
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	NKX2-5	chr5	-	1.73E+08	1.73E+08	1709
ENSG0000(	253.0821	404.81	-0.67357	4.48E-05	0.000133	AFMID	chr17	+	76183398	76203782	1730
ENSG0000(	0	1.40169	-1.7271	0.32809	NA	GATSL1	chr7	+	74379083	74438803	990
ENSG0000(	2516.825	519.1849	2.2709	4.34E-42	8.05E-41	GAS6	chr13	-	1.15E+08	1.15E+08	2632
ENSG0000(	1.317927	2.66501	-0.85247	0.51113	0.6143	FREM3	chr4	-	1.44E+08	1.45E+08	6729
ENSG0000(	42.32641	56.18608	-0.40013	0.28918	0.39071	NEB	chr2	-	1.52E+08	1.53E+08	26202

ENSG0000(	120.529	40.35963	1.5558	6.26E-05	0.000183	BEGAIN	chr14	-	1.01E+08	1.01E+08	5811
ENSG0000(	1002.131	740.3889	0.43637	0.003221	0.007391	GPC6	chr13	+	93879095	95059655	6467
ENSG0000(	21.31773	9.764963	1.0945	0.031876	0.059885	ARHGEF37	chr5	+	1.49E+08	1.49E+08	4968
ENSG0000(	614.0645	30.30819	4.2914	7.08E-38	1.17E-36	FAM43B	chr1	+	20878932	20881512	2581
ENSG0000(	26.6905	3.38284	2.8984	1.05E-05	3.36E-05	CSMD1	chr8	-	2792875	4852494	12134
ENSG0000(	0	1.058552	-1.361	0.4451	NA	OR2A3P	chr7	+	1.44E+08	1.44E+08	953
ENSG0000(	0	2.146242	-1.9426	0.27559	0.3757	CALHM3	chr10	-	1.05E+08	1.05E+08	1652
ENSG0000(	1.669842	3.480792	-0.94164	0.43275	0.53821	PTGDR2	chr11	-	60618413	60623444	2895
ENSG0000(	281.8783	103.7638	1.4335	6.50E-11	3.27E-10	CEP57L1	chr6	+	1.09E+08	1.09E+08	3832
ENSG0000(	3.060548	23.85564	-2.8771	3.43E-05	0.000103	DSCR6	chr21	+	38378450	38391959	2235
ENSG0000(	0.943682	0.654722	0.38398	0.81258	NA	ANKRD20A	chr9	+	42368303	42411410	3511
ENSG0000(	2.334388	82.90982	-4.9917	2.31E-15	1.54E-14	GPR19	chr12	-	12813825	12849141	1751
ENSG0000(	0.923144	2.575179	-1.2062	0.36088	0.46504	GJD3	chr17	-	38517235	38520067	891
ENSG0000(	1.608228	0.297015	1.5081	0.36518	NA	RP11-863K	chr8	-	37592279	37594944	2086
ENSG0000(	240.0347	118.5245	1.0146	1.30E-08	5.48E-08	RABIF	chr1	-	2.03E+08	2.03E+08	2430
ENSG0000(	675.6101	1.652581	8.4087	8.50E-46	1.73E-44	TMEM119	chr12	-	1.09E+08	1.09E+08	2707
ENSG0000(	233.4691	346.3241	-0.56964	0.00252	0.005871	FANCF	chr11	-	22644079	22647387	3309
ENSG0000(	69.15904	234.497	-1.7449	3.46E-14	2.15E-13	CALN1	chr7	-	71244476	71912136	9459
ENSG0000(	0.653381	0	0.82678	0.64037	NA	RP11-49C9	chrX	+	1.49E+08	1.49E+08	2143
ENSG0000(	288.763	233.3764	0.30602	0.096905	0.15731	SMDT1	chr22	+	42475695	42520105	1567
ENSG0000(	196.9175	297.032	-0.58976	0.018028	0.035935	C2CD4C	chr19	-	405445	409139	3091
ENSG0000(	1982.72	396.9391	2.3151	1.42E-61	4.25E-60	CHST6	chr16	-	75510949	75529282	2958
ENSG0000(	7.314004	27.51925	-1.8782	0.000234	0.000635	HSP90AB3I	chr4	+	88812995	88815167	2173
ENSG0000(	0	4.259314	-3.6209	0.012522	0.025796	POTEC	chr18	-	14507338	14543584	6556
ENSG0000(	2229.101	3241.094	-0.53968	2.33E-08	9.61E-08	RUVBL2	chr19	+	49496705	49519252	2488
ENSG0000(	26.93956	32.64288	-0.27451	0.46614	0.57089	GDPGP1	chr15	+	90777040	90785315	1595
ENSG0000(	2.520208	8.19006	-1.5636	0.076569	0.12871	CTNNA3	chr10	-	67679719	69455927	3232
ENSG0000(	1.068702	1.012429	0.040791	0.97924	0.98842	RP5-1120P	chr6	-	44056979	44057433	455
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	WT1-AS	chr11	+	32457064	32480315	3828
ENSG0000(	0.705622	0.297015	0.56864	0.74638	NA	RIMBP3C	chr22	-	21899646	21905750	5784
ENSG0000(	42.48973	1492.888	-5.112	3.59E-84	1.61E-82	FLJ22184	chr19	-	7933605	7939326	4518
ENSG0000(	39.75315	19.21418	1.0244	0.085649	0.14163	C21orf67	chr21	-	46352729	46359828	2303
ENSG0000(	5448.286	2741.304	0.99032	5.81E-30	7.41E-29	PTTG1IP	chr21	-	46269500	46293752	2760
ENSG0000(	1365.945	1952.628	-0.51453	2.29E-06	7.90E-06	DDX41	chr5	-	1.77E+08	1.77E+08	2949
ENSG0000(	52.90552	40.59917	0.36952	0.30341	0.40468	ABHD16B	chr20	+	62492566	62494341	1776
ENSG0000(	0	4.081268	-3.5173	0.017331	0.034672	CCDC60	chr12	+	1.2E+08	1.2E+08	2450
ENSG0000(	4.451254	2.353426	0.83321	0.40986	0.51465	PLGLB1	chr2	-	87229682	87248975	2081
ENSG0000(	1765.91	474.1868	1.8943	1.43E-43	2.77E-42	DAZAP2	chr12	+	51632076	51665146	2450
ENSG0000(	6.640085	57.87752	-3.0812	1.23E-11	6.47E-11	CCBE1	chr18	-	57101149	57364612	3250
ENSG0000(	1979.611	1221.285	0.69633	6.21E-07	2.26E-06	15-Sep	chr1	-	87328132	87380107	1777
ENSG0000(	6.971462	22.74284	-1.6736	0.002892	0.006683	RP11-556K	chr1	-	1.02E+08	1.02E+08	880
ENSG0000(	24.66002	248.508	-3.3215	1.42E-30	1.85E-29	CECR6	chr22	-	17597189	17602257	4954
ENSG0000(	478.4306	422.5018	0.17758	0.22106	0.31306	ZNF623	chr8	+	1.45E+08	1.45E+08	3947
ENSG0000(	0	17.76811	-5.7475	1.84E-06	6.42E-06	EPHA10	chr1	-	38179552	38230805	5425
ENSG0000(	75.6345	76.94608	-0.02496	0.91749	0.94432	CCDC125	chr5	-	68576002	68628636	4198
ENSG0000(	0.342542	0.686276	-0.48412	0.78604	NA	C15orf60	chr15	+	73735499	73852355	927
ENSG0000(	945.34	1506.742	-0.67077	3.58E-05	0.000107	BCOR	chrX	-	39909068	40036582	6390
ENSG0000(	347.0143	112.407	1.6224	2.50E-19	2.03E-18	JRKL	chr11	+	96123153	96240738	3570
ENSG0000(	3.246368	0.594029	1.9096	0.17251	0.25509	C10orf107	chr10	+	63422719	63526524	1685
ENSG0000(	0	2.401965	-2.0937	0.23902	0.33362	GBP6	chr1	+	89829617	89852020	2987
ENSG0000(	527.4891	309.4708	0.76951	6.92E-08	2.73E-07	KIAA2026	chr9	-	5881596	6007901	6988
ENSG0000(	2.604151	2.947455	-0.15957	0.87991	0.91625	OVCH2	chr11	-	7710669	7727968	1764
ENSG0000(	0	53.83923	-7.1835	1.15E-09	5.27E-09	SYNDIG1L	chr14	-	74872596	74892805	2607
ENSG0000(	1063.022	647.6392	0.71484	9.51E-10	4.40E-09	FHL3	chr1	-	38462442	38471278	1647
ENSG0000(	1.794862	2.353426	-0.35825	0.78048	0.84237	PMCH	chr12	-	1.03E+08	1.03E+08	766
ENSG0000(	1.555988	6.313309	-1.7922	0.083241	0.13824	TMEM89	chr3	-	48658192	48659288	662
ENSG0000(	146.7503	55.83326	1.3855	9.93E-10	4.58E-09	C19orf71	chr19	+	3539152	3544028	674
ENSG0000(	44.35835	25.09385	0.80369	0.045791	0.082386	CCDC159	chr19	+	11455360	11465620	1408
ENSG0000(	45.19934	72.22057	-0.67095	0.014262	0.029032	RPS7P1	chr17	+	26794814	26795460	647
ENSG0000(	144.4851	605.1356	-2.0624	2.39E-45	4.80E-44	RIPK4	chr21	-	43159529	43187266	4017
ENSG0000(	0.36308	1.280305	-1.2352	0.46421	NA	LRIT3	chr4	+	1.11E+08	1.11E+08	3781
ENSG0000(	83.03065	69.61551	0.25155	0.29961	0.40126	NPIP	chr16	+	15016659	15045915	5343
ENSG0000(	1775.537	2809.555	-0.66102	2.28E-06	7.85E-06	SF3A3	chr1	-	38422647	38456593	3673
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	ZBTB8OSP1	chr4	+	1.52E+08	1.52E+08	498
ENSG0000(	40.6789	29.41057	0.46399	0.21238	0.30293	AC004967.	chr7	-	97595402	97596335	934

ENSG0000(	47.2546	47.46516	-0.00909	0.97672	0.98684	GRIN2A	chr16	-	9852376	10276611	9335
ENSG0000(	353.9441	198.384	0.8331	6.24E-07	2.27E-06	RP11-958N	chr16	+	15005408	15029565	6830
ENSG0000(	0	2.401965	-2.0937	0.23902	0.33362	PRHOXNB	chr13	-	28552243	28562774	522
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	SSTR3	chr22	-	37600278	37608362	4099
ENSG0000(	264.009	221.8379	0.25083	0.20826	0.29821	GTF2H2C	chr5	+	68856035	68890550	2952
ENSG0000(	196.2327	144.7069	0.43287	0.050006	0.088973	ASB7	chr15	+	1.01E+08	1.01E+08	4985
ENSG0000(	3.22583	16.39556	-2.2176	0.004842	0.010804	SH2D7	chr15	+	78370150	78397251	2750
ENSG0000(	7.117019	6.284171	0.15853	0.82874	0.87939	TREX2	chrX	-	1.53E+08	1.53E+08	2262
ENSG0000(	163.2149	2.102535	6.1678	8.22E-26	8.88E-25	GPR132	chr14	-	1.06E+08	1.06E+08	3658
ENSG0000(	2.914991	22.44583	-2.8223	3.34E-05	0.000101	MX2	chr21	+	42733870	42781317	4064
ENSG0000(	2951.914	2560.19	0.20488	0.089064	0.14642	EP400	chr12	+	1.32E+08	1.33E+08	12376
ENSG0000(	814.8914	217.566	1.9013	2.51E-39	4.34E-38	MEX3B	chr15	-	82334119	82338482	4333
ENSG0000(	1.649304	1.652581	-0.00384	0.99754	0.99872	AL132868.	chr4	-	1961768	1962113	342
ENSG0000(	416.7355	466.201	-0.16181	0.3304	0.43358	PI4KAP2	chr22	-	21827289	21871822	3872
ENSG0000(	9.139755	49.00031	-2.3774	8.74E-08	3.43E-07	FAM46C	chr1	+	1.18E+08	1.18E+08	5751
ENSG0000(	302.3547	337.2041	-0.15819	0.42415	0.52947	COA5	chr2	-	99215773	99224978	1754
ENSG0000(	766.3409	656.7556	0.22274	0.14046	0.21438	UTP11L	chr1	+	38474930	38490496	2019
ENSG0000(	497.0425	532.9431	-0.09939	0.60926	0.70201	PSMG1	chr21	-	40546695	40555777	2154
ENSG0000(	998.5307	1275.66	-0.35284	0.024229	0.046908	PRR14L	chr22	-	32072242	32146126	10826
ENSG0000(	28.31649	17.09312	0.7147	0.14469	0.22004	COL18A1-A	chr21	-	46839631	46844985	3425
ENSG0000(	2.500484	3.24447	-0.36412	0.75681	0.82315	HIST2H2AA	chr1	-	1.5E+08	1.5E+08	974
ENSG0000(	0	1.84278	-2.0842	0.23234	NA	FOLR4	chr11	+	94038759	94040887	805
ENSG0000(	8.672193	13.48524	-0.59801	0.34923	0.45347	AC131971.	chr11	+	3011093	3012563	1471
ENSG0000(	77.94223	109.55	-0.49222	0.060755	0.10553	SERHL2	chr22	+	42949623	42970388	2096
ENSG0000(	34.16025	141.0797	-2.0277	1.62E-09	7.33E-09	PCBP3	chr21	+	47063608	47362368	2202
ENSG0000(	1.576526	0.951736	0.58024	0.68286	0.7631	PGPEP1L	chr15	-	99511459	99551024	1483
ENSG0000(	927.9419	1083.683	-0.22374	0.033217	0.062147	SETD3	chr14	-	99864083	99947216	2878
ENSG0000(	97.81375	17.9559	2.3933	1.03E-07	4.02E-07	TNFAIP8L3	chr15	-	51348795	51397473	2262
ENSG0000(	330.1658	744.6723	-1.1708	1.35E-10	6.63E-10	ZNRF3	chr22	+	29279580	29453475	6851
ENSG0000(	1093.085	433.7152	1.3293	5.04E-13	2.92E-12	FBXL7	chr5	+	15500305	15939900	4562
ENSG0000(	191.3134	98.47582	0.95156	9.55E-06	3.07E-05	TANGO2	chr22	+	20004537	20053449	3109
ENSG0000(	2.177666	2.949871	-0.35094	0.79354	0.8533	HIST2H3D	chr1	-	1.5E+08	1.5E+08	411
ENSG0000(	22.33256	30.9613	-0.45984	0.37872	0.48283	RP11-347C	chr16	-	30234230	30346695	5504
ENSG0000(	117.9439	241.9253	-1.031	4.55E-06	1.52E-05	SFXN4	chr10	-	1.21E+08	1.21E+08	1363
ENSG0000(	25.5112	78.74066	-1.5837	0.008416	0.017927	FAM167B	chr1	+	32712834	32714457	936
ENSG0000(	342.3198	421.9901	-0.30012	0.071069	0.12072	MRPL54	chr19	+	3762662	3768573	626
ENSG0000(	46.64148	32.31519	0.51939	0.14643	0.22234	ZNF438	chr10	-	31133563	31320866	3418
ENSG0000(	670.1143	1187.187	-0.8249	8.69E-11	4.31E-10	C3orf37	chr3	+	1.29E+08	1.29E+08	2515
ENSG0000(	79.36571	105.5466	-0.40401	0.097188	0.15768	DGCR6	chr22	+	18893541	18901751	3245
ENSG0000(	0.342542	0	0.4146	0.81455	NA	GOLGA8G	chr15	-	28764757	28778160	6093
ENSG0000(	2.345553	2.589748	-0.13312	0.91547	0.94267	RP1L1	chr8	-	10463859	10569697	7973
ENSG0000(	0.290301	0	0.4146	0.81455	NA	C15orf32	chr15	+	93014884	93044347	1749
ENSG0000(	8.805772	0	4.7091	0.000328	0.000874	C11orf88	chr11	+	1.11E+08	1.11E+08	3099
ENSG0000(	73.05528	168.6202	-1.1991	2.92E-05	8.87E-05	ZNF530	chr19	+	58111253	58124090	4367
ENSG0000(	382.644	507.3043	-0.40532	0.005327	0.011804	NDUFB1	chr14	-	92582466	92588261	1333
ENSG0000(	0	11.09542	-5.0615	6.10E-05	0.000178	11-Mar	chr5	-	16067248	16180871	1741
ENSG0000(	316.9796	467.6728	-0.55876	0.001894	0.004497	KLHL25	chr15	-	86302554	86338261	3758
ENSG0000(	3.609448	1.340997	1.2593	0.2824	0.38351	PP13439	chr3	-	1.72E+08	1.72E+08	2906
ENSG0000(	0.36308	0	0.4146	0.81455	NA	FAM19A1	chr3	+	68053359	68594776	2014
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-44N1	chr8	-	97080957	97081909	953
ENSG0000(	165.4139	241.0791	-0.54476	0.005643	0.01243	TRMT12	chr8	+	1.25E+08	1.25E+08	2215
ENSG0000(	105.7194	80.83957	0.38492	0.094135	0.15355	GUSBP1	chr5	+	21341942	21544886	1305
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	PSG9	chr19	-	43715943	43773682	2830
ENSG0000(	6.173337	6.393403	-0.05655	0.94645	0.96595	GPR1	chr2	-	2.07E+08	2.07E+08	2295
ENSG0000(	9.523372	3.573038	1.3355	0.079007	0.13211	BMP8A	chr1	+	39957318	39991607	1692
ENSG0000(	1560.427	2098.08	-0.42601	0.009733	0.020505	ALYREF	chr17	-	79845713	79849462	1095
ENSG0000(	3048.388	700.4345	2.117	5.95E-39	1.02E-37	FAM101B	chr17	-	289769	295730	3621
ENSG0000(	6.411397	45.78914	-2.8001	3.58E-08	1.45E-07	EFHC2	chrX	-	44007128	44202923	3251
ENSG0000(	12.9197	22.25804	-0.76982	0.23007	0.32343	NOG	chr17	+	54671060	54672951	1892
ENSG0000(	537.9638	667.8331	-0.31019	0.078926	0.13199	UPP1	chr7	+	48128225	48148330	2782
ENSG0000(	97.4497	21.46495	2.1537	1.13E-11	5.98E-11	OPCML	chr11	-	1.32E+08	1.33E+08	6833
ENSG0000(	116.3706	83.47793	0.47946	0.035853	0.066604	TRIM52	chr5	-	1.81E+08	1.81E+08	3467
ENSG0000(	1094.469	18.42438	5.8592	4.40E-126	3.76E-124	LHFP	chr13	-	39917029	40177665	2110
ENSG0000(	1012.292	1400.023	-0.46645	0.01895	0.037607	CMTM4	chr16	-	66648653	66730610	7026
ENSG0000(	1359.766	996.478	0.44737	2.09E-05	6.45E-05	TMEM50A	chr1	+	25664408	25688852	2683

ENSG0000(	0.870904	6.018711	-2.3373	0.048792	0.087125	NPBWR1	chr8	+	53850991	53853677	2687
ENSG0000(	0	3.694423	-3.4244	0.019592	0.038739	ASCL2	chr11	-	2289725	2292182	1852
ENSG0000(	361.0158	218.6388	0.72209	7.30E-05	0.000211	TBK1	chr12	+	64845660	64895888	3256
ENSG0000(	2534.677	525.7931	2.2599	2.21E-25	2.35E-24	CBX6	chr22	-	39257455	39268319	6122
ENSG0000(	2.366091	521.5112	-7.6306	2.50E-46	5.17E-45	MACC1	chr7	-	20174278	20257027	9159
ENSG0000(	3.289235	0	3.1681	0.03967	0.072843	MRC1L1	chr10	+	17851362	17953178	5171
ENSG0000(	1168.893	1830.545	-0.64606	1.52E-10	7.43E-10	TBL3	chr16	+	2022038	2032934	6803
ENSG0000(	2.749709	2.307303	0.20659	0.85435	0.89763	PAPL	chr19	+	39574553	39602133	2966
ENSG0000(	119.3189	205.4188	-0.77722	0.024243	0.046932	KREMEN1	chr22	+	29469066	29564321	6182
ENSG0000(	214.1996	399.0578	-0.89564	4.90E-07	1.80E-06	TRAIP	chr3	-	49866034	49894007	2026
ENSG0000(	245.0307	1168.816	-2.251	8.47E-43	1.61E-41	CHEK2	chr22	-	29083731	29138410	2560
ENSG0000(	4.689314	99.86677	-4.33	1.36E-16	9.72E-16	FOXL2	chr3	-	1.39E+08	1.39E+08	2917
ENSG0000(	1.576526	20.44199	-3.4563	1.30E-05	4.13E-05	AIFM3	chr22	+	21319396	21335649	2850
ENSG0000(	5.850519	3.152223	0.79902	0.42408	0.52946	KCTD16	chr5	+	1.44E+08	1.44E+08	5646
ENSG0000(	27.31218	156.5676	-2.4858	2.30E-16	1.62E-15	B3GALT5	chr21	+	40928369	41034816	2922
ENSG0000(	1522.354	36.50636	5.3589	1.26E-89	6.25E-88	ZNF703	chr8	+	37553269	37557537	3347
ENSG0000(	12.4589	44.16644	-1.796	1.95E-05	6.06E-05	SLC35F3	chr1	+	2.34E+08	2.34E+08	2891
ENSG0000(	0.342542	60.8233	-6.6502	1.09E-10	5.37E-10	KCTD8	chr4	-	44175926	44450824	2587
ENSG0000(	0	3.633731	-3.4088	0.020168	0.039758	C9orf66	chr9	-	213108	215893	2786
ENSG0000(	4.201215	2.979009	0.46715	0.61954	0.71057	TUBA8	chr22	+	18593097	18614498	2018
ENSG0000(	0.632843	3.158671	-1.7425	0.24558	0.34138	TCEB3C	chr18	-	44554573	44556449	1877
ENSG0000(	31.11428	21.39043	0.53231	0.20555	0.29495	PKD1P1	chr16	-	15457516	15474904	1053
ENSG0000(	28.56588	208.3621	-2.8208	6.58E-14	4.02E-13	EMILIN3	chr20	-	39988606	39995467	3796
ENSG0000(	8.589063	3.054271	1.423	0.083306	0.13833	OLFML1	chr11	+	7506619	7532608	2792
ENSG0000(	0.342542	13.84865	-4.6058	7.91E-05	0.000228	FAM162B	chr6	-	1.17E+08	1.17E+08	1033
ENSG0000(	540.6097	607.4571	-0.1679	0.39094	0.49539	RBM12B	chr8	-	94741584	94753245	7269
ENSG0000(	0	4.035145	-3.4597	0.0215	0.042119	CCR4	chr3	+	32993066	32997841	3095
ENSG0000(	138.9037	231.6054	-0.73174	0.000181	0.0005	LIN9	chr1	-	2.26E+08	2.26E+08	3567
ENSG0000(	537.7604	120.8148	2.148	6.05E-46	1.24E-44	BTBD9	chr6	-	38136227	38607924	8525
ENSG0000(	85.99023	178.4286	-1.0441	0.000142	0.000398	NUDT14	chr14	-	1.06E+08	1.06E+08	1042
ENSG0000(	16.21651	13.71269	0.22108	0.68814	0.76746	ANKRD45	chr1	-	1.74E+08	1.74E+08	1824
ENSG0000(	5.736665	15.55709	-1.3612	0.058731	0.10253	MAATS1	chr3	+	1.19E+08	1.19E+08	4433
ENSG0000(	4.543757	54.68488	-3.5029	4.52E-12	2.45E-11	PNMA3	chrX	+	1.52E+08	1.52E+08	3751
ENSG0000(	9.91555	2.367995	1.9491	0.028716	0.054614	GPR39	chr2	+	1.33E+08	1.33E+08	2784
ENSG0000(	0.342542	8.608459	-3.9261	0.00152	0.003668	FAM3B	chr21	+	42676139	42729358	2742
ENSG0000(	49.95206	251.1384	-2.3234	2.37E-25	2.52E-24	ZNF730	chr19	+	23258012	23330021	2374
ENSG0000(	4129.424	1187.706	1.7958	2.55E-49	5.72E-48	KIRREL	chr1	+	1.58E+08	1.58E+08	6870
ENSG0000(	1178.852	949.952	0.31012	0.011578	0.024	IQGAP3	chr1	-	1.56E+08	1.57E+08	5988
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	CNGA2	chrX	+	1.51E+08	1.51E+08	2834
ENSG0000(	1094.228	1335.598	-0.28664	0.051287	0.090936	TOB2	chr22	-	41829496	41843027	4561
ENSG0000(	0	405.6769	-9.9946	1.51E-20	1.31E-19	SCN5A	chr3	-	38589548	38691164	8504
ENSG0000(	198.3252	344.6735	-0.79082	0.006689	0.014531	ARSI	chr5	-	1.5E+08	1.5E+08	3161
ENSG0000(	231.3396	314.5727	-0.44125	0.004823	0.010767	UTY	chrY	-	15360259	15592553	6529
ENSG0000(	1.919068	3.085825	-0.57908	0.61084	0.70324	PKD1P1	chr16	+	16411301	16444447	4514
ENSG0000(	53.47415	93.94554	-0.80648	0.014289	0.029085	TTC32	chr2	-	20096404	20101747	822
ENSG0000(	0	12.56264	-5.2316	2.90E-05	8.81E-05	LRRC55	chr11	+	56949221	56959191	5410
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RPL21P132	chrX	+	1.01E+08	1.01E+08	462
ENSG0000(	3.879211	7.515937	-0.89123	0.29498	0.39703	DNAH2	chr17	+	7620672	7737062	14955
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	SH2D1A	chrX	+	1.23E+08	1.24E+08	2450
ENSG0000(	1.628766	3.853068	-1.1062	0.32502	0.42794	SDR42E2	chr16	+	22177618	22203075	2528
ENSG0000(	20.62327	0	5.9962	2.52E-07	9.49E-07	DUSP5P1	chr1	+	2.29E+08	2.29E+08	2463
ENSG0000(	127.9476	30.32988	2.0689	2.30E-12	1.27E-11	HTR7P1	chr12	+	13152812	13157764	4411
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	TRBV21OR9	chr9	+	33629119	33629584	367
ENSG0000(	0.36308	1.029414	-0.84272	0.63492	NA	HIST2H4A	chr1	+	1.5E+08	1.5E+08	1696
ENSG0000(	394.3097	1304.274	-1.7248	1.01E-38	1.72E-37	PRKX	chrX	-	3522411	3631649	6031
ENSG0000(	1075.029	373.5546	1.5202	3.22E-22	2.98E-21	SETD8	chr12	+	1.24E+08	1.24E+08	3140
ENSG0000(	0	48.8596	-7.1428	3.27E-10	1.56E-09	KCNH8	chr3	+	19189946	19577138	5137
ENSG0000(	1879.615	343.0297	2.4459	3.93E-43	7.52E-42	SMTN	chr22	+	31460091	31500610	5080
ENSG0000(	84.64516	140.3537	-0.71902	0.035498	0.065991	NPW	chr16	+	2059927	2070756	1015
ENSG0000(	12.52133	17.00732	-0.43984	0.43309	0.53851	PP2D1	chr3	-	20021453	20053822	2151
ENSG0000(	579.4398	504.8744	0.19872	0.29431	0.39635	COA3	chr17	-	40947165	40950722	1374
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	MAGEA13P	chrX	+	1.38E+08	1.38E+08	1026
ENSG0000(	137.9934	158.0511	-0.19198	0.35946	0.46359	ST6GALNA(	chr1	+	76540404	77100286	6861
ENSG0000(	3333.081	2609.222	0.35253	0.003742	0.008491	PTP4A2	chr1	-	32372022	32410457	3929
ENSG0000(	90915.24	72899.78	0.31836	0.001745	0.004168	ACTG1	chr17	-	79476997	79490873	2256

ENSG0000(	0.685084	126.5622	-7.0507	1.11E-16	7.94E-16	TMPRSS2	chr21	-	42836478	42903043	3240
ENSG0000(	2511.486	1217.602	1.0433	2.19E-16	1.55E-15	DENND5A	chr11	-	9160372	9286937	5031
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	TMEM236	chr10	+	18041218	18089855	5465
ENSG0000(	36.20613	38.32491	-0.07787	0.81871	0.87259	DIABLO	chr12	-	1.23E+08	1.23E+08	2569
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	OR7E87P	chr11	+	71304500	71305428	929
ENSG0000(	381.3154	491.2841	-0.36523	0.029322	0.055628	VPS33B	chr15	-	91541646	91565833	2767
ENSG0000(	1417.102	420.4743	1.7478	2.75E-30	3.53E-29	TBX1	chr22	+	19744226	19771116	2082
ENSG0000(	0.995923	21.13397	-4.0955	6.09E-06	2.01E-05	ADAP2	chr17	+	29233362	29286340	2934
ENSG0000(	92.1568	116.8694	-0.33892	0.16742	0.24883	RP5-821D1	chr22	-	42227219	42230669	2989
ENSG0000(	707.6815	805.5254	-0.18651	0.11523	0.18244	UQCR10	chr22	+	30163358	30166402	916
ENSG0000(	238.339	126.1343	0.9144	4.73E-07	1.74E-06	FAM120C	chrX	-	54094757	54209714	8057
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	CTD-2372A	chr5	-	73099121	73099424	304
ENSG0000(	3.455331	6.29874	-0.83115	0.35275	0.45702	RP11-67F2	chr3	+	1.6E+08	1.6E+08	1969
ENSG0000(	5.145711	0	3.8801	0.00619	0.013548	TREML3P	chr6	-	41176292	41190382	1224
ENSG0000(	0.36308	0	0.4146	0.81455	NA	TRIML1	chr4	+	1.89E+08	1.89E+08	1797
ENSG0000(	525.2922	697.8307	-0.40906	0.002161	0.00509	EIF3C	chr16	+	28699879	28747051	3957
ENSG0000(	1.503747	1.966581	-0.28348	0.84395	0.89045	RP11-366I	chr10	-	94356609	94357044	436
ENSG0000(	0.943682	27.38658	-4.4707	4.48E-07	1.65E-06	CLDN5	chr22	-	19510547	19515068	2548
ENSG0000(	2171.02	3806.752	-0.80829	2.53E-06	8.69E-06	NIPSNAP1	chr22	-	29950797	29977326	2237
ENSG0000(	3.246368	10.86964	-1.6483	0.034088	0.063646	CNTN2	chr1	+	2.05E+08	2.05E+08	8141
ENSG0000(	95.30373	69.93516	0.44668	0.075561	0.12721	LRTOMT	chr11	+	71791382	71821828	3822
ENSG0000(	22.53973	88.5449	-1.9425	5.75E-09	2.48E-08	KCNQ3	chr8	-	1.33E+08	1.33E+08	11441
ENSG0000(	7.334542	513.8253	-6.0669	6.33E-53	1.56E-51	ADRA2C	chr4	+	3768075	3770251	2127
ENSG0000(	113.3793	198.4188	-0.8088	5.51E-05	0.000162	NR2C2AP	chr19	-	19312218	19314220	1565
ENSG0000(	17.35555	56.66207	-1.6691	0.000373	0.000985	FAM132A	chr1	-	1177826	1182102	1036
ENSG0000(	1051.024	448.8951	1.224	8.29E-11	4.13E-10	CRELD2	chr22	+	50311815	50321188	2622
ENSG0000(	340.4168	213.1032	0.67688	0.000333	0.000886	SCFD2	chr4	-	53739149	54232242	3176
ENSG0000(	113.1484	113.6919	-0.0041	0.98755	0.99288	UBE2F	chr2	+	2.39E+08	2.39E+08	2009
ENSG0000(	34.94737	89.51866	-1.3318	0.001375	0.00334	KCNJ12	chr17	+	21279509	21323179	5420
ENSG0000(	475.5574	183.8032	1.3627	2.92E-10	1.40E-09	GPR173	chrX	+	53078273	53109797	4485
ENSG0000(	502.4585	365.9897	0.45684	0.001753	0.004187	PPP1R2	chr3	-	1.95E+08	1.95E+08	3452
ENSG0000(	662.8019	306.3261	1.1121	7.16E-16	4.93E-15	TSPYL2	chrX	+	53111549	53117722	4178
ENSG0000(	21.54723	8.248336	1.3506	0.0104	0.021789	GOLGA6L4	chr15	+	84904525	84914120	4563
ENSG0000(	1176.165	1508.779	-0.35871	0.030404	0.057434	PGP	chr16	-	2261998	2264808	2727
ENSG0000(	178.4989	140.2304	0.3474	0.075489	0.12715	C22orf46	chr22	+	42084943	42094140	4975
ENSG0000(	308.1686	249.4538	0.30311	0.06456	0.11121	SNRNP35	chr12	+	1.24E+08	1.24E+08	2161
ENSG0000(	1159.909	1276.354	-0.13719	0.27516	0.37522	IRAK1	chrX	-	1.53E+08	1.53E+08	3666
ENSG0000(	336.677	586.8237	-0.79747	4.53E-06	1.51E-05	CMSS1	chr3	+	99536678	99897447	2145
ENSG0000(	0.632843	12.00916	-3.7341	0.000612	0.001568	OLIG1	chr21	+	34442450	34444726	2277
ENSG0000(	0	3.025133	-3.0821	0.044886	0.080924	C11orf72	chr11	-	67370351	67374177	2431
ENSG0000(	150.7269	4.489931	4.6117	6.33E-06	2.08E-05	PCDH9	chr13	-	66876967	67804468	6226
ENSG0000(	52.06714	30.03857	0.7829	0.018702	0.037154	ACOT1	chr14	+	74003818	74010498	1713
ENSG0000(	7426.031	117.4078	5.9642	0	0	OAF	chr11	+	1.2E+08	1.2E+08	2525
ENSG0000(	114.348	119.0701	-0.05669	0.87436	0.91257	ALDH1A3	chr15	+	1.01E+08	1.01E+08	3924
ENSG0000(	56.84977	6.20891	3.1252	2.08E-11	1.08E-10	CDR1	chrX	-	1.4E+08	1.4E+08	1299
ENSG0000(	16.20453	14.35359	0.17965	0.76257	0.82772	HIST2H2AC	chr1	+	1.5E+08	1.5E+08	437
ENSG0000(	6.938945	399.2901	-5.7033	5.36E-32	7.37E-31	KCNK12	chr2	-	47747910	47798078	2037
ENSG0000(	0.342542	0	0.4146	0.81455	NA	HIST2H2AB	chr1	-	1.5E+08	1.5E+08	448
ENSG0000(	384.6321	222.3319	0.78849	3.00E-07	1.12E-06	POU6F1	chr12	-	51580719	51611477	5157
ENSG0000(	2.467967	4.066699	-0.60746	0.58914	0.68451	LINC00315	chr21	-	46720160	46725172	2323
ENSG0000(	396.5866	252.9425	0.64686	2.29E-05	7.05E-05	TM2D3	chr15	-	1.02E+08	1.02E+08	3102
ENSG0000(	902.3408	679.7532	0.40794	0.005569	0.012285	TSSC4	chr11	+	2421718	2425106	1686
ENSG0000(	0.342542	27.5265	-5.5462	4.87E-07	1.79E-06	TACSTD2	chr1	-	59041099	59043166	2068
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CLECL1	chr12	-	9868456	9885895	1069
ENSG0000(	1.286224	23.68471	-3.8779	1.69E-05	5.27E-05	SIX6	chr14	+	60975669	60979568	2787
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	DRD5P1	chr2	-	91872473	91874507	1438
ENSG0000(	122.8197	40.56178	1.5897	1.90E-08	7.89E-08	PRKD1	chr14	-	30045687	30661104	3726
ENSG0000(	10.28042	12.07468	-0.21932	0.72207	0.79438	CCSER1	chr4	+	91048686	92523064	5847
ENSG0000(	21.17217	217.918	-3.3369	1.89E-35	2.91E-34	ZDHHC23	chr3	+	1.14E+08	1.14E+08	5280
ENSG0000(	1.649304	12.66146	-2.6659	0.009952	0.02093	MROH7	chr1	+	55107459	55207981	5951
ENSG0000(	314.4866	148.9393	1.0765	2.16E-11	1.12E-10	AC002055.	chr22	+	51195376	51239737	2987
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	OR51J1	chr11	+	5423827	5424777	951
ENSG0000(	7.975131	19.32757	-1.2009	0.08195	0.13637	SRPK3	chrX	+	1.53E+08	1.53E+08	4479
ENSG0000(	0	537.5397	-10.337	1.59E-21	1.44E-20	GDF3	chr12	-	7842378	7848372	1239
ENSG0000(	351.2555	66.8163	2.3772	3.40E-23	3.31E-22	SLIT3	chr5	-	1.68E+08	1.69E+08	9706

ENSG0000(	10.98686	10.7741	0.029809	0.96289	0.97819	HIST1H2AK	chr6	-	27805658	27806117	460
ENSG0000(	257.4632	183.5246	0.48713	0.002707	0.006286	EFNA5	chr5	-	1.07E+08	1.07E+08	5335
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	HIST1H1B	chr6	-	27834570	27835359	790
ENSG0000(	5.560218	9.122394	-0.68112	0.37605	0.48008	SPATA32	chr17	-	43331760	43339479	1907
ENSG0000(	1.669842	98.06972	-5.6328	3.52E-15	2.33E-14	PKP3	chr11	+	392614	404908	2809
ENSG0000(	3.983692	25.66432	-2.6135	1.38E-05	4.35E-05	MAP7D2	chrX	-	20024831	20135035	3930
ENSG0000(	192.16	147.9536	0.37634	0.037233	0.068861	CSF1	chr1	+	1.1E+08	1.1E+08	4210
ENSG0000(	3.371387	0.297015	2.5938	0.07088	0.12048	COLEC10	chr8	+	1.2E+08	1.2E+08	1266
ENSG0000(	93.14302	110.0881	-0.23814	0.54868	0.64871	ACTRT3	chr3	-	1.69E+08	1.69E+08	2005
ENSG0000(	287.6516	454.8852	-0.6563	0.040883	0.074766	PLA2G6	chr22	-	38507502	38601697	3271
ENSG0000(	774.3953	204.9054	1.9128	3.06E-43	5.88E-42	MAML2	chr11	-	95709762	96076382	7106
ENSG0000(	0	4.386404	-3.573	0.017269	0.034564	PABPC1L2E	chrX	+	72223352	72225551	2200
ENSG0000(	1.317927	0	1.6383	0.35541	NA	A3GALT2	chr1	-	33772367	33778491	1000
ENSG0000(	569.3571	505.467	0.17059	0.22009	0.31195	SS18L1	chr20	+	60718822	60757540	4493
ENSG0000(	0.290301	125.4866	-7.6313	1.59E-14	1.01E-13	KCND2	chr7	+	1.2E+08	1.2E+08	5331
ENSG0000(	1.027626	8.026583	-2.6382	0.019904	0.039304	RP11-44M(	chr7	+	1E+08	1E+08	1006
ENSG0000(	416.725	1037.457	-1.3152	2.30E-22	2.16E-21	TOP1MT	chr8	-	1.44E+08	1.44E+08	2029
ENSG0000(	5903.079	2290.134	1.3649	6.88E-41	1.24E-39	COPB2	chr3	-	1.39E+08	1.39E+08	3524
ENSG0000(	1.991846	0.357707	1.8858	0.21623	0.30738	LRRC19	chr9	-	26993134	27005691	3609
ENSG0000(	443.4046	343.2646	0.36846	0.021653	0.042399	THAP7	chr22	-	21353393	21356485	1957
ENSG0000(	13.8197	10.35899	0.39462	0.51778	0.62051	AP001062.	chr21	+	45751117	45755734	4354
ENSG0000(	870.609	1172.522	-0.42868	0.001281	0.003124	KNTC1	chr12	+	1.23E+08	1.23E+08	6975
ENSG0000(	22.49849	25.57053	-0.18288	0.75081	0.81782	CCR10	chr17	-	40830907	40835935	1942
ENSG0000(	0.72616	12.24789	-3.7199	0.000591	0.001517	NCMAP	chr1	+	24882602	24935819	4063
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	BPIFC	chr22	-	32809834	32860471	2091
ENSG0000(	486.7393	676.8869	-0.47612	0.000229	0.000621	WDR27	chr6	-	1.7E+08	1.7E+08	3511
ENSG0000(	121.6786	54.08502	1.1659	0.000323	0.000861	TXNRD2	chr22	-	19863040	19929341	3130
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	C1QTNF8	chr16	-	1140005	1146244	1627
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	OR56A3	chr11	+	5968570	5969591	1022
ENSG0000(	144.1264	1121.422	-2.9472	2.21E-49	4.95E-48	FOXO4	chrX	+	70316047	70323385	3301
ENSG0000(	9.140568	4.039977	1.0974	0.2234	0.31576	POU3F2	chr6	+	99282580	99286660	4081
ENSG0000(	185.1123	727.9476	-1.971	6.57E-22	6.03E-21	PTP4A3	chr8	+	1.42E+08	1.42E+08	1866
ENSG0000(	2.209369	0.640152	1.433	0.30634	0.40788	FOXD4L1	chr2	+	1.14E+08	1.14E+08	2068
ENSG0000(	93.47994	48.55043	0.93906	0.001844	0.004386	TMEM255E	chr13	+	1.14E+08	1.15E+08	1031
ENSG0000(	192.2801	263.5314	-0.45385	0.006656	0.014464	PROS1	chr3	-	93591881	93692910	3556
ENSG0000(	0.342542	0	0.4146	0.81455	NA	GAST	chr17	+	39868578	39872221	470
ENSG0000(	0.705622	27.13482	-4.9023	2.00E-07	7.60E-07	NUTM1	chr15	+	34635516	34649938	4102
ENSG0000(	38.25959	78.81646	-1.0389	0.000355	0.000939	HDDC3	chr15	-	91474148	91475799	1220
ENSG0000(	0	78.41095	-7.8227	1.00E-12	5.70E-12	BEX5	chrX	-	1.01E+08	1.01E+08	860
ENSG0000(	173.3258	100.995	0.78061	9.27E-05	0.000265	ZFP1	chr16	+	75182390	75206134	3250
ENSG0000(	44.52445	41.64705	0.094763	0.77615	0.83922	CEND1	chr11	-	787104	790123	1649
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	C6orf58	chr6	+	1.28E+08	1.28E+08	1200
ENSG0000(	84.1251	117.7176	-0.48564	0.054772	0.096238	DUSP8	chr11	-	1575274	1593150	4480
ENSG0000(	12.43755	13.00131	-0.04574	0.93806	0.95911	AC132872.	chr17	+	80206943	80209703	2759
ENSG0000(	596.5924	399.9978	0.57623	2.16E-06	7.49E-06	SOCS3	chr17	-	76352864	76356158	2729
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	C17orf74	chr17	+	7328934	7330887	1651
ENSG0000(	467.0208	5.784805	6.2939	8.07E-60	2.34E-58	SLITRK6	chr13	-	86366925	86373623	4318
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC132216.	chr11	+	33902189	33903338	1150
ENSG0000(	0	9.955161	-4.9158	0.000117	0.000331	PIWIL3	chr22	-	25115001	25170687	3504
ENSG0000(	65.54087	4.943174	3.6593	1.04E-14	6.70E-14	LPAR5	chr12	-	6728001	6745613	3171
ENSG0000(	2308.32	3121.408	-0.43495	9.57E-05	0.000274	XPOT	chr12	+	64798130	64844907	6414
ENSG0000(	714.826	7.957769	6.4868	3.01E-83	1.34E-81	TMEM173	chr5	-	1.39E+08	1.39E+08	3200
ENSG0000(	1014.347	45.0597	4.3793	9.03E-15	5.84E-14	PDE4B	chr1	+	66258197	66840259	4546
ENSG0000(	10.10479	9.700981	0.052231	0.94056	0.96114	AF207550.	chrX	+	48797263	48798079	813
ENSG0000(	10.98686	2.382564	2.0682	0.021931	0.042901	FAM19A3	chr1	+	1.13E+08	1.13E+08	1282
ENSG0000(	657.9355	2336.03	-1.827	1.54E-58	4.32E-57	SNN	chr16	+	11762270	11773015	3312
ENSG0000(	0	23.55453	-6.1506	1.57E-07	6.03E-07	KCNH7	chr2	-	1.63E+08	1.64E+08	4113
ENSG0000(	3.994857	2.947455	0.39323	0.69215	0.77059	RPL7P26	chr6	-	17531130	17531883	754
ENSG0000(	2.935529	1269.148	-8.5829	3.85E-75	1.51E-73	NELL2	chr12	-	44902058	45315631	3612
ENSG0000(	24.11968	26.88722	-0.1604	0.68385	0.76386	AC004166.	chr7	-	74320406	74331163	2819
ENSG0000(	0	6.549631	-4.299	0.001366	0.00332	ZNF840	chr20	+	45113100	45121279	1996
ENSG0000(	27.73948	11.70402	1.2276	0.01636	0.032889	KRBA2	chr17	-	8271955	8280029	2562
ENSG0000(	1241.621	937.9477	0.40398	0.009013	0.0191	MED12	chrX	+	70338406	70362303	6977
ENSG0000(	80.56106	442.6826	-2.4449	1.41E-25	1.50E-24	ZNF93	chr19	+	20011722	20046384	2648
ENSG0000(	9915.482	10270.8	-0.05073	0.61625	0.70766	9-Sep	chr17	+	75276651	75496678	4453

ENSG0000(	0	0.297015	-0.41864	0.81278	NA	PRSS55	chr8	+	10383056	10411676	2374
ENSG0000(	393.6121	806.8457	-1.0326	2.15E-11	1.12E-10	CDCA2	chr8	+	25316513	25365436	3731
ENSG0000(	0	14.13512	-5.4281	8.71E-06	2.82E-05	OR7E14P	chr11	+	17035545	17074583	1012
ENSG0000(	0.580602	22.70558	-4.6745	1.62E-06	5.68E-06	RALYL	chr8	+	85095022	85834079	2701
ENSG0000(	241.6911	511.7573	-1.082	1.16E-12	6.56E-12	AMER1	chrX	-	63404997	63425624	8443
ENSG0000(	817.6047	488.4791	0.74289	4.81E-07	1.77E-06	ZBTB40	chr1	+	22778344	22857650	8992
ENSG0000(	59.53868	93.12211	-0.64223	0.06568	0.11283	HIST2H2BE	chr1	-	1.5E+08	1.5E+08	2223
ENSG0000(	16.98212	0	5.7175	1.37E-06	4.84E-06	C11orf89	chr11	-	1910375	1912084	1710
ENSG0000(	3.382552	12033.04	-11.633	4.98E-149	5.64E-147	CLDN6	chr16	-	3064713	3070072	1739
ENSG0000(	1343.796	478.068	1.4857	1.82E-14	1.16E-13	5-Sep	chr22	+	19701987	19712295	4113
ENSG0000(	246.8907	262.8775	-0.08792	0.60451	0.69773	EIF4ENIF1	chr22	-	31835349	31892094	3695
ENSG0000(	0	3.322147	-3.2429	0.031225	0.058731	LRRC26	chr9	-	1.4E+08	1.4E+08	1209
ENSG0000(	61.3919	57.85799	0.090198	0.75587	0.82246	RNLS	chr10	-	90033621	90344287	3385
ENSG0000(	1.991846	2.073397	-0.03775	0.97687	0.98684	APOBR	chr16	+	28505970	28510291	3792
ENSG0000(	0	132.5124	-8.5094	6.87E-15	4.48E-14	FAM110C	chr2	-	38814	46870	3760
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	DDX53	chrX	+	23018087	23020204	2118
ENSG0000(	1092.558	553.6024	0.97786	9.79E-10	4.52E-09	ATL3	chr11	-	63391559	63439393	7135
ENSG0000(	622.3212	511.3631	0.28281	0.017031	0.034103	NDUFA12	chr12	-	95290831	95397546	813
ENSG0000(	0	3.867637	-3.1827	0.049272	0.08784	RP11-480I	chr1	+	2.03E+08	2.03E+08	2810
ENSG0000(	0	1.340997	-1.8899	0.26871	NA	RPS17	chr15	-	82821158	82824972	1922
ENSG0000(	32.64631	28.59479	0.19568	0.58837	0.68391	SMIM10	chrX	+	1.34E+08	1.34E+08	1534
ENSG0000(	9.966977	19.87951	-0.94174	0.12021	0.18914	TCTE3	chr6	-	1.7E+08	1.7E+08	769
ENSG0000(	1434.144	1763.505	-0.29783	0.06448	0.11109	UBE2G2	chr21	-	46188955	46221934	4340
ENSG0000(	44.72339	49.19467	-0.13759	0.70103	0.77757	SATL1	chrX	-	84347293	84364054	2224
ENSG0000(	122.6389	241.9783	-0.98102	1.96E-07	7.46E-07	OSBP2	chr22	+	31089769	31303811	4340
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	UNC93B5	chr11	-	67479173	67483476	699
ENSG0000(	24.25505	125.1695	-2.3494	3.63E-15	2.40E-14	C21orf88	chr21	-	40969074	40984748	1357
ENSG0000(	0.290301	0.715414	-0.50514	0.77701	NA	TUSC5	chr17	+	1182957	1204281	3596
ENSG0000(	2.282147	1.684135	0.39537	0.73964	0.80829	HIST1H2AH	chr6	+	27114861	27115317	457
ENSG0000(	8.744972	2.414118	1.7691	0.044052	0.079656	ZBTB7C	chr18	-	45553044	45937123	4949
ENSG0000(	150.3485	249.4213	-0.7303	7.51E-06	2.45E-05	APOO	chrX	-	23851470	23926057	1118
ENSG0000(	76.96245	3.114963	4.5452	3.97E-15	2.62E-14	PRR16	chr5	+	1.2E+08	1.2E+08	1826
ENSG0000(	4418.022	2215.968	0.99445	4.75E-21	4.20E-20	TMED9	chr5	+	1.77E+08	1.77E+08	1473
ENSG0000(	0	16.55092	-5.6702	2.18E-06	7.54E-06	U52111.12	chrX	+	1.53E+08	1.53E+08	315
ENSG0000(	5.020691	5.110682	-0.01885	0.98249	0.99015	DRD1	chr5	-	1.75E+08	1.75E+08	4054
ENSG0000(	0.580602	0	0.8036	0.6494	NA	LINC00308	chr21	+	23470936	23488847	727
ENSG0000(	124.0393	176.8619	-0.50951	0.043156	0.07832	TMEM186	chr16	-	8874241	8891505	1448
ENSG0000(	0	2.382564	-2.4485	0.15134	0.22879	SDR42E1	chr16	-	82031221	82045093	2805
ENSG0000(	1350.845	1444.092	-0.09649	0.46761	0.57244	RBM33	chr7	+	1.55E+08	1.56E+08	10149
ENSG0000(	2607.194	1385.641	0.9107	5.94E-20	4.99E-19	ARMCX2	chrX	-	1.01E+08	1.01E+08	2762
ENSG0000(	104.0678	246.5645	-1.2286	0.000871	0.002183	PIGW	chr17	+	34890847	34895159	2333
ENSG0000(	725.6832	166.5703	2.1136	1.40E-17	1.05E-16	BTBD6	chr14	+	1.06E+08	1.06E+08	2195
ENSG0000(	0.705622	43.45828	-5.5685	6.42E-10	3.01E-09	SRY	chrY	-	2654896	2655740	845
ENSG0000(	1642.569	3999.822	-1.2812	1.43E-14	9.13E-14	H1FX	chr3	-	1.29E+08	1.29E+08	1506
ENSG0000(	114.4712	65.09886	0.80396	0.001508	0.003639	RBM43	chr2	-	1.52E+08	1.52E+08	4192
ENSG0000(	1773.222	1504.823	0.23695	0.042729	0.077641	SUMO3	chr21	-	46225532	46238694	1807
ENSG0000(	55.10731	99.86463	-0.85243	0.002601	0.006053	IMMP2L	chr7	-	1.1E+08	1.11E+08	1519
ENSG0000(	1.701545	233.2008	-6.9034	1.44E-28	1.74E-27	TCEAL2	chrX	+	1.01E+08	1.01E+08	1100
ENSG0000(	0.870904	0	1.046	0.5544	NA	AC129778.	chr9	-	42845768	42859085	960
ENSG0000(	6.899497	56.48403	-2.9852	1.45E-07	5.57E-07	CLCNKB	chr1	+	16370272	16383803	2567
ENSG0000(	45.4264	289.3932	-2.6415	1.25E-13	7.51E-13	JAG2	chr14	-	1.06E+08	1.06E+08	5835
ENSG0000(	28.74298	103.8512	-1.8364	3.82E-09	1.68E-08	FMNL1	chr17	+	43298811	43324687	4919
ENSG0000(	47.27171	21.59849	1.1142	0.004252	0.009562	NUTM2A	chr10	+	88985205	88996665	3974
ENSG0000(	55.78286	84.56642	-0.60191	0.01766	0.035269	PTRHD1	chr2	-	25012855	25016251	1014
ENSG0000(	1.213446	9.672716	-2.6709	0.007676	0.016477	LCN12	chr9	+	1.4E+08	1.4E+08	1804
ENSG0000(	0.72616	1.294874	-0.65816	0.67471	0.75631	OR6A2	chr11	-	6815756	6817128	1373
ENSG0000(	0.632843	0	0.81931	0.64303	NA	WT1	chr11	-	32409321	32457176	3122
ENSG0000(	51.75467	62.78927	-0.28027	0.41308	0.51791	ZFP90	chr16	+	68563993	68609975	4664
ENSG0000(	116.9743	53.75503	1.1072	0.000334	0.000887	FAM227A	chr22	-	38974125	39052634	10322
ENSG0000(	5.165435	12.311	-1.1984	0.087864	0.14483	MUC6	chr11	-	1012821	1036706	8006
ENSG0000(	2.085163	0	2.4626	0.13461	0.20763	AL772307.	chr9	-	42128839	42129419	581
ENSG0000(	529.5738	862.4828	-0.70202	9.20E-07	3.30E-06	NOC4L	chr12	+	1.33E+08	1.33E+08	1632
ENSG0000(	83.59251	131.6566	-0.649	0.008953	0.01899	USP18	chr22	+	18632666	18660164	2129
ENSG0000(	1006.406	1162.851	-0.20823	0.072361	0.1226	NDUFA6	chr22	-	42481529	42486959	1256
ENSG0000(	5.644162	0	4.0624	0.003148	0.007236	CHRM5	chr15	+	34260921	34357291	3043

ENSG0000(	1150.801	106.1689	3.4325	3.03E-107	1.95E-105	SORCS2	chr4	+	7194265	7744554	6152
ENSG0000(	248.5315	69.97497	1.8153	1.04E-10	5.12E-10	TMEM121	chr14	+	1.06E+08	1.06E+08	1532
ENSG0000(	194.7999	14.11411	3.7493	3.64E-31	4.88E-30	TMEM106A	chr17	+	41363854	41372061	3267
ENSG0000(	713.0976	1121.245	-0.65042	0.00089	0.002227	SIVA1	chr14	+	1.05E+08	1.05E+08	4142
ENSG0000(	1.524285	0	1.8365	0.29722	NA	TTTY13	chrY	-	23745486	23756552	659
ENSG0000(	422.5278	685.6257	-0.69794	1.19E-07	4.63E-07	BRI3BP	chr12	+	1.25E+08	1.26E+08	6648
ENSG0000(	75.20368	1.029414	5.8855	7.48E-14	4.54E-13	IFNE	chr9	-	21480841	21482312	1472
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	SLC22A10	chr11	+	62905339	63137190	2234
ENSG0000(	1440.002	577.094	1.3153	8.36E-14	5.06E-13	DGAT1	chr8	-	1.46E+08	1.46E+08	2004
ENSG0000(	0	1.591889	-2.1342	0.20414	NA	RFX6	chr6	+	1.17E+08	1.17E+08	3460
ENSG0000(	39.23155	188.6724	-2.2446	6.49E-19	5.18E-18	ROBO2	chr3	+	75955846	77699115	9570
ENSG0000(	1003.391	660.1588	0.60401	5.37E-06	1.78E-05	AP3M1	chr10	-	75881524	75910821	3613
ENSG0000(	17.98742	15.75615	0.1953	0.70647	0.78187	F8	chrX	-	1.54E+08	1.54E+08	9059
ENSG0000(	36.47328	40.96245	-0.16499	0.63243	0.72149	CA13	chr8	+	86132816	86196302	3815
ENSG0000(	187.5558	170.5855	0.13967	0.49856	0.60239	UBOX5	chr20	-	3088219	3140842	4631
ENSG0000(	2.572449	2.696564	-0.04081	0.96914	0.98264	RP11-111G	chr9	+	40293025	40339528	3601
ENSG0000(	643.1771	98.74371	2.696	5.13E-46	1.05E-44	MAFF	chr22	+	38597889	38612518	2490
ENSG0000(	790.3369	585.659	0.43267	0.000421	0.001106	BRF1	chr14	-	1.06E+08	1.06E+08	18259
ENSG0000(	0.870904	2.185918	-0.99633	0.50071	0.6044	LRRC14B	chr5	+	191626	195468	1573
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-182I	chr1	-	65450291	65451770	1480
ENSG0000(	391.1009	1394.184	-1.8292	4.89E-26	5.33E-25	SEMA4B	chr15	+	90703836	90772911	3807
ENSG0000(	0.342542	1.058552	-0.99235	0.56407	NA	MROH2A	chr2	+	2.35E+08	2.35E+08	5361
ENSG0000(	3.704556	5.788094	-0.61434	0.5108	0.61399	AC004980.	chr7	-	76163011	76170884	882
ENSG0000(	451.0643	159.0707	1.5033	9.68E-21	8.45E-20	CIB1	chr15	-	90773207	90777279	1247
ENSG0000(	0.923144	4.867912	-2.0598	0.07584	0.12762	RP11-435B	chr1	-	1.43E+08	1.43E+08	1789
ENSG0000(	5.705775	20.026	-1.7781	0.002382	0.005568	ANKS1B	chr12	-	99120235	1E+08	3885
ENSG0000(	810.0717	2115.221	-1.382	4.65E-18	3.58E-17	NELFA	chr4	-	1984441	2043630	3343
ENSG0000(	1.741807	73.46442	-5.0487	9.96E-14	6.00E-13	SLC24A3	chr20	+	19193290	19703581	3929
ENSG0000(	6.77285	0	4.1961	0.003345	0.007655	SGCZ	chr8	-	13947373	15095848	2234
ENSG0000(	9.12003	17.4711	-0.92716	0.13161	0.20381	EFCAB10	chr7	-	1.05E+08	1.05E+08	1550
ENSG0000(	4.773258	8.636854	-0.81309	0.39727	0.50176	C5orf47	chr5	+	1.73E+08	1.73E+08	2522
ENSG0000(	5.342695	15.40086	-1.4829	0.019253	0.038135	AC000068.	chr22	+	19435416	19437628	2097
ENSG0000(	481.4227	357.1652	0.43099	0.006197	0.013561	GTF2H5	chr6	+	1.59E+08	1.59E+08	2125
ENSG0000(	3260.68	232.6524	3.8019	3.49E-103	2.10E-101	FLRT2	chr14	+	85996488	86095034	7943
ENSG0000(	532.2803	682.9658	-0.35889	0.042225	0.076882	INTS5	chr11	-	62414320	62420774	3285
ENSG0000(	1206.487	680.7365	0.82491	2.59E-10	1.25E-09	RPS27L	chr15	-	63418071	63450220	2944
ENSG0000(	6.318081	155.7263	-4.5702	1.41E-27	1.64E-26	MANEAL	chr1	+	38259474	38266809	2685
ENSG0000(	74.63613	143.001	-0.92706	0.007952	0.017005	ADSSL1	chr14	+	1.05E+08	1.05E+08	2600
ENSG0000(	4.584833	37.42754	-2.9455	5.33E-07	1.95E-06	ANO9	chr11	-	417933	442011	5487
ENSG0000(	555.5707	745.9898	-0.4245	0.000211	0.000577	FAF1	chr1	-	50905150	51425935	4367
ENSG0000(	2.718006	3.313283	-0.27709	0.82417	0.87602	MYADML2	chr17	-	79897521	79905109	2452
ENSG0000(	1600.748	72.41902	4.4466	2.60E-130	2.36E-128	FAM43A	chr3	+	1.94E+08	1.94E+08	3141
ENSG0000(	430.2673	428.7801	0.003745	0.98253	0.99015	NDNL2	chr15	-	29560353	29562033	1681
ENSG0000(	2327.81	1755.644	0.40625	8.82E-05	0.000253	HSF1	chr8	+	1.46E+08	1.46E+08	3451
ENSG0000(	733.1171	608.8509	0.26848	0.028916	0.054947	C6orf120	chr6	+	1.7E+08	1.7E+08	4145
ENSG0000(	45.54865	34.50997	0.39542	0.25976	0.35769	TBC1D3F	chr17	+	36283971	36294915	3389
ENSG0000(	195.3031	185.754	0.073273	0.72055	0.7933	PURA	chr5	+	1.39E+08	1.39E+08	2614
ENSG0000(	0.72616	4.022992	-2.1055	0.1113	0.17691	HIST1H2BL	chr6	-	27775257	27775709	453
ENSG0000(	86.71386	116.7869	-0.42867	0.056976	0.099719	INPP5J	chr22	+	31518717	31530682	3347
ENSG0000(	0.36308	2.575179	-2.2111	0.13803	0.21143	NPY2R	chr4	+	1.56E+08	1.56E+08	3626
ENSG0000(	12.98808	143.7935	-3.4281	1.63E-16	1.16E-15	MIXL1	chr1	+	2.26E+08	2.26E+08	2005
ENSG0000(	0	30.10584	-6.4862	2.29E-08	9.45E-08	MFSD6L	chr17	-	8700436	8702667	2232
ENSG0000(	185.7719	152.8605	0.2793	0.20095	0.28968	LRRC37B	chr17	+	30334891	30380523	3162
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AP001324.	chr11	-	74409389	74409869	480
ENSG0000(	486.1684	665.5388	-0.45196	0.013175	0.027022	DDX51	chr12	-	1.33E+08	1.33E+08	4718
ENSG0000(	1190.84	629.5363	0.9196	7.98E-15	5.18E-14	NOMO2	chr16	-	18511182	18573533	4352
ENSG0000(	0.870904	3.570622	-1.5296	0.30377	0.40512	LINC00482	chr17	-	79277571	79283048	2023
ENSG0000(	2.935529	3.137654	-0.10408	0.92208	0.94757	LINC00313	chr21	-	44881974	44899414	967
ENSG0000(	256.287	757.7158	-1.5616	2.33E-17	1.74E-16	SIGIRR	chr11	-	405716	417455	1867
ENSG0000(	458.2829	264.1575	0.78977	0.000433	0.001136	NRBP2	chr8	-	1.45E+08	1.45E+08	3877
ENSG0000(	0	2.382564	-2.4485	0.15134	0.22879	PRSS57	chr19	-	685521	695460	1077
ENSG0000(	298.6801	388.5333	-0.37781	0.025081	0.048389	IFITM2	chr11	+	307631	315272	659
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	WASIR1	chrX	-	1.55E+08	1.55E+08	1054
ENSG0000(	840.5312	270.129	1.6321	2.27E-27	2.62E-26	TNFAIP2	chr14	+	1.04E+08	1.04E+08	4683
ENSG0000(	1004.638	829.777	0.27565	0.013134	0.026942	ZNF445	chr3	-	44481262	44519162	10243

ENSG0000(	72.99701	109.168	-0.57254	0.079444	0.13268	PGBD2	chr1	+	2.49E+08	2.49E+08	2879
ENSG0000(	2030.496	408.9092	2.3084	4.93E-41	8.90E-40	WBP5	chrX	+	1.03E+08	1.03E+08	1096
ENSG0000(	2075.059	1952.114	0.088639	0.46489	0.5697	RAB11B	chr19	+	8454865	8469318	1751
ENSG0000(	268.6853	512.7299	-0.92907	2.08E-09	9.33E-09	PRMT3	chr11	+	20409076	20530840	4159
ENSG0000(	16.17462	68.77388	-2.0686	1.93E-08	8.00E-08	GP1BA	chr17	+	4835592	4838325	2501
ENSG0000(	335.3472	332.3807	0.014027	0.94733	0.96672	PRPF39	chr14	+	45553302	45585485	3507
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	MAGEA11	chrX	+	1.49E+08	1.49E+08	3370
ENSG0000(	17.45987	10.34201	0.71773	0.22443	0.31699	PPIL6	chr6	-	1.1E+08	1.1E+08	4031
ENSG0000(	542.5832	1394.213	-1.356	2.32E-09	1.04E-08	ZNF74	chr22	+	20748405	20762745	3879
ENSG0000(	25.80924	21.48422	0.26274	0.6807	0.76125	KIAA0825	chr5	-	93488671	93954309	5751
ENSG0000(	1113.507	760.2597	0.54973	0.000457	0.001195	UBALD2	chr17	+	74261283	74267375	1588
ENSG0000(	7.325169	12.30288	-0.72646	0.25862	0.35639	CDNF	chr10	-	14861249	14880574	1492
ENSG0000(	6.338619	52.35347	-2.9602	2.06E-06	7.15E-06	NOTUM	chr17	-	79910388	79919716	2324
ENSG0000(	4.096733	0.343138	2.8432	0.042841	0.077783	KLHL33	chr14	-	20896970	20903801	1863
ENSG0000(	0	24.02959	-6.2063	7.78E-08	3.06E-07	RBM11	chr21	+	15588451	15600693	1992
ENSG0000(	164.2023	2903.11	-4.1332	1.52E-94	8.18E-93	WBSCR17	chr7	+	70597155	71178585	3884
ENSG0000(	1077.545	6256.154	-2.535	1.27E-144	1.36E-142	CD24P4	chrY	-	21154353	21154595	243
ENSG0000(	78.04697	72.44649	0.11104	0.71202	0.7863	ZBTB37	chr1	+	1.74E+08	1.74E+08	2940
ENSG0000(	32.96913	148.1796	-2.1586	9.12E-15	5.90E-14	IL3RA	chrX	+	1455509	1501578	1706
ENSG0000(	751.4455	1549.707	-1.0402	8.42E-07	3.02E-06	CCDC137	chr17	+	79633394	79640934	2468
ENSG0000(	0.36308	1.903472	-1.6912	0.30152	0.40282	RGPD2	chr2	-	88055474	88285309	6931
ENSG0000(	299.7231	175.1248	0.7745	3.04E-06	1.04E-05	ARL15	chr5	-	53179775	53606412	3248
ENSG0000(	0.342542	34.02276	-5.8516	5.36E-08	2.14E-07	C12orf56	chr12	-	64660217	64784972	3242
ENSG0000(	848.6513	923.6224	-0.12194	0.36116	0.46536	CDK10	chr16	+	89747145	89762772	3344
ENSG0000(	2.229907	1.029414	0.90231	0.533	0.63407	TMEM105	chr17	-	79285074	79304474	3317
ENSG0000(	316.22	785.7557	-1.3052	1.50E-06	5.27E-06	SOCS1	chr16	-	11348262	11350036	1225
ENSG0000(	192.4114	1072.17	-2.4692	1.03E-42	1.94E-41	TCN2	chr22	+	31002825	31023265	2535
ENSG0000(	2187.128	677.3782	1.6888	1.53E-32	2.16E-31	GAS2L1	chr22	+	29702572	29708774	3381
ENSG0000(	841.8059	760.728	0.14578	0.4177	0.52293	ATP6V0A2	chr12	+	1.24E+08	1.24E+08	5789
ENSG0000(	32.24199	9.111857	1.7421	0.021367	0.041893	PARK2	chr6	-	1.62E+08	1.63E+08	4180
ENSG0000(	242.0989	351.4281	-0.53659	0.003256	0.007467	C14orf80	chr14	+	1.06E+08	1.06E+08	4437
ENSG0000(	0	6.811803	-4.2935	0.001739	0.004157	HS6ST3	chr13	+	96743093	97485671	1659
ENSG0000(	2213.886	1912.487	0.21124	0.048498	0.086662	HGS	chr17	+	79650356	79670168	2970
ENSG0000(	541.6449	257.8704	1.0579	0.004892	0.010909	TNFAIP8L1	chr19	+	4639530	4655580	3845
ENSG0000(	111.1907	74.34821	0.57819	0.011521	0.023893	RAD51D	chr17	-	33426811	33448541	2404
ENSG0000(	555.4183	81.35122	2.7573	1.82E-42	3.41E-41	MAPK11	chr22	-	50702142	50709196	2431
ENSG0000(	57.55637	31.12143	0.87922	0.005292	0.011735	SP140L	chr2	+	2.31E+08	2.31E+08	3591
ENSG0000(	0.705622	0.715414	-0.00991	0.99541	NA	MRPL30	chr2	+	99771461	99814089	2605
ENSG0000(	200.0752	195.476	0.033174	0.86417	0.90534	TARSL2	chr15	-	1.02E+08	1.02E+08	3610
ENSG0000(	308.4348	217.4978	0.50405	0.001943	0.004609	SMYD3	chr1	-	2.46E+08	2.47E+08	1863
ENSG0000(	75.69807	598.4555	-2.9567	1.39E-20	1.20E-19	METTL7A	chr12	+	51317255	51326300	4076
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	LINC00158	chr21	-	26758133	26804013	1476
ENSG0000(	4.73039	169.0512	-5.1083	1.25E-30	1.63E-29	IFNLR1	chr1	-	24480647	24514449	4549
ENSG0000(	18.98415	68.95267	-1.8516	5.04E-08	2.01E-07	SH3BGR	chr21	+	40817781	40887433	1251
ENSG0000(	56.39354	316.835	-2.472	9.78E-18	7.42E-17	FAM174B	chr15	-	93160673	93353114	2792
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	FAM47A	chrX	-	34147869	34150447	2579
ENSG0000(	207.3921	259.4078	-0.32248	0.21986	0.3117	C19orf68	chr19	+	48673949	48700877	2277
ENSG0000(	0.685084	0.297015	0.4735	0.79064	NA	KPNA7	chr7	-	98771197	98805129	1725
ENSG0000(	66.07861	52.41229	0.33556	0.24028	0.33514	TMEM179E	chr11	+	62554887	62557877	1023
ENSG0000(	300.3291	36.32355	3.0332	1.26E-22	1.19E-21	GPRIN3	chr4	-	90165429	90229161	6352
ENSG0000(	148.4964	228.58	-0.61851	0.009151	0.019368	PARPBP	chr12	+	1.03E+08	1.03E+08	3189
ENSG0000(	34.29985	46.51268	-0.44469	0.26822	0.36705	STAC3	chr12	-	57637236	57644976	1656
ENSG0000(	160.6957	1607.461	-3.3191	1.09E-115	7.81E-114	ROR1	chr1	+	64239693	64647181	5832
ENSG0000(	352.6019	179.3759	0.97216	2.44E-07	9.21E-07	SDHAP1	chr3	-	1.96E+08	1.96E+08	2491
ENSG0000(	1.317927	0.686276	0.64816	0.69683	0.77397	RP11-504P	chr1	+	2.24E+08	2.24E+08	1881
ENSG0000(	19.77372	21.26422	-0.10874	0.81343	0.86888	MUC1	chr1	-	1.55E+08	1.55E+08	1811
ENSG0000(	1839.87	1273.967	0.5298	0.000178	0.000491	C17orf70	chr17	-	79506911	79520987	3822
ENSG0000(	257.9059	309.1571	-0.26061	0.12289	0.19265	IRF7	chr11	-	612553	615999	2051
ENSG0000(	144.5666	229.5269	-0.66418	0.025303	0.048786	L3MBTL1	chr20	+	42136320	42179590	4322
ENSG0000(	259.1544	260.8991	-0.00839	0.96931	0.98274	BRCC3	chrX	+	1.54E+08	1.54E+08	2846
ENSG0000(	1.359003	14.30189	-3.1808	0.000482	0.001255	SV2B	chr15	+	91643180	91844539	11279
ENSG0000(	7.427045	23.82811	-1.6247	0.007119	0.015388	FAM131C	chr1	-	16384264	16400127	1695
ENSG0000(	11.451	81.29636	-2.7513	1.77E-07	6.78E-07	C11orf35	chr11	-	554855	560779	2084
ENSG0000(	1.286224	0.357707	1.3361	0.4083	NA	C1orf227	chr1	-	2.13E+08	2.13E+08	506
ENSG0000(	1.45232	100.0685	-5.9645	1.99E-17	1.49E-16	PDE6G	chr17	-	79617489	79630142	1505

ENSG0000(	621.216	276.1107	1.1699	7.23E-11	3.62E-10	PRKG1	chr10	+	52750945	54058110	6928
ENSG0000(	6767.594	4.772377	9.7296	2.62E-27	3.02E-26	NR2F2	chr15	+	96869167	96883492	5275
ENSG0000(	0	1.073121	-1.1788	0.50551	NA	NXF2	chrX	+	1.01E+08	1.02E+08	3959
ENSG0000(	39.56472	55.05461	-0.46339	0.15874	0.23814	DLK1	chr14	+	1.01E+08	1.01E+08	1700
ENSG0000(	66.14543	10.22707	2.6539	1.50E-10	7.34E-10	TLCD2	chr17	-	1611064	1613732	991
ENSG0000(	137.7285	22.71686	2.5869	5.09E-18	3.91E-17	LSAMP	chr3	-	1.16E+08	1.18E+08	1740
ENSG0000(	4426.147	256.5228	4.0745	4.49E-37	7.29E-36	AHNAK2	chr14	-	1.05E+08	1.05E+08	18335
ENSG0000(	2204.2	264.3158	3.0533	5.65E-89	2.78E-87	OLFML2A	chr9	+	1.28E+08	1.28E+08	6425
ENSG0000(	1774.044	1960.584	-0.14386	0.17389	0.25681	SP1	chr12	+	53773960	53810230	7603
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	SPATA8	chr15	+	97326619	97328845	1386
ENSG0000(	471.5553	404.6467	0.21975	0.13669	0.20997	WASH3P	chr15	+	1.03E+08	1.03E+08	1721
ENSG0000(	3.173589	2.66501	0.24291	0.82333	0.87538	ACTBP7	chr15	-	44281259	44282382	1124
ENSG0000(	253.5733	257.7134	-0.02378	0.878	0.91499	MRPL40	chr22	+	19419425	19423598	1387
ENSG0000(	0	3.884622	-3.5041	0.016263	0.032712	DBX2	chr12	-	45408455	45444882	2806
ENSG0000(	515.8312	26.5716	4.2426	6.97E-72	2.58E-70	FAM212A	chr3	+	49840687	49842463	1040
ENSG0000(	1.016461	9.976178	-3.0058	0.003405	0.007785	PDIA2	chr16	+	333152	337215	1956
ENSG0000(	1564.416	971.6533	0.68555	2.36E-08	9.73E-08	PCGF3	chr4	+	699537	764428	5685
ENSG0000(	176.5816	75.69653	1.2206	2.72E-09	1.21E-08	LMLN	chr3	+	1.98E+08	1.98E+08	7043
ENSG0000(	14998.01	5068.571	1.5642	1.61E-65	5.34E-64	P4HB	chr17	-	79801035	79818570	2603
ENSG0000(	1682.698	1625.517	0.050248	0.67281	0.75501	PSMD13	chr11	+	236546	252983	2200
ENSG0000(	585.7568	2526.091	-2.1059	1.75E-81	7.47E-80	PBX1	chr1	+	1.65E+08	1.65E+08	11321
ENSG0000(	0.685084	0.654722	0.030656	0.98584	NA	AC017079.	chr2	+	1.29E+08	1.29E+08	415
ENSG0000(	55.12345	15.55709	1.8002	3.67E-05	0.00011	NDUFA4L2	chr12	-	57628686	57634498	1200
ENSG0000(	108.1704	5.644019	4.2035	2.71E-23	2.66E-22	SHC4	chr15	-	49115932	49255641	4558
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	FTH1P14	chrX	+	34165153	34165703	551
ENSG0000(	13.6937	0	5.3961	8.70E-06	2.82E-05	KRT79	chr12	-	53215194	53228079	2068
ENSG0000(	26.57827	57.62093	-1.1047	0.000634	0.001621	CTD-2287C	chr5	-	1.15E+08	1.15E+08	375
ENSG0000(	4236.447	2452.81	0.7873	7.49E-10	3.49E-09	ZFP36L1	chr14	-	69254377	69263190	3190
ENSG0000(	2400.143	2205.542	0.12214	0.37082	0.47531	UBE2L3	chr22	+	21903736	21978323	3451
ENSG0000(	26.48495	13.56379	0.95149	0.042348	0.077053	NTF3	chr12	+	5541278	5630702	1167
ENSG0000(	852.5954	796.4081	0.098687	0.60504	0.69824	BRWD1	chr21	-	40556102	40693485	12929
ENSG0000(	7.552064	1120.581	-7.1277	3.23E-79	1.34E-77	PMEL	chr12	-	56347889	56367101	2757
ENSG0000(	2.334388	53.87239	-4.3956	2.79E-12	1.53E-11	SYN3	chr22	-	32908539	33454358	3126
ENSG0000(	6.878145	376.5179	-5.6677	1.52E-33	2.21E-32	POU3F1	chr1	-	38509523	38512450	2928
ENSG0000(	68.24951	124.8631	-0.8584	0.047543	0.085175	SNAI3	chr16	-	88744090	88752901	1732
ENSG0000(	121.0837	1000.766	-3.044	3.98E-74	1.54E-72	ZBTB3	chr11	-	62515791	62521660	2978
ENSG0000(	2.49967	4.660728	-0.79262	0.42286	0.5283	LYG2	chr2	-	99858709	99871745	878
ENSG0000(	355.0799	207.2467	0.77333	2.53E-07	9.53E-07	EP400NL	chr12	+	1.33E+08	1.33E+08	3935
ENSG0000(	0	5.848787	-4.1122	0.002814	0.006516	PRAME	chr22	-	22890123	22901768	2831
ENSG0000(	5.591921	4.928605	0.16992	0.83068	0.8806	C6orf201	chr6	+	4079440	4131185	2496
ENSG0000(	276.0496	51.80786	2.3997	1.32E-26	1.48E-25	MYBL1	chr8	-	67474410	67526482	5192
ENSG0000(	0.653381	3.394993	-1.8632	0.1966	0.28458	RP11-645C	chr16	-	21890659	21930477	4131
ENSG0000(	162.2764	117.9798	0.45603	0.01927	0.038163	C16orf52	chr16	+	22018959	22098855	4360
ENSG0000(	962.1261	1116.734	-0.21406	0.062278	0.10775	DRG1	chr22	+	31795509	31924726	1746
ENSG0000(	1644.514	1053.025	0.64234	3.24E-06	1.10E-05	ANKFY1	chr17	-	4067201	4167274	7418
ENSG0000(	1593.469	1403.467	0.18294	0.20853	0.29851	YTHDF3	chr8	+	64081112	64125346	5162
ENSG0000(	215.3779	345.797	-0.68258	0.000112	0.000317	ZNF696	chr8	+	1.44E+08	1.44E+08	2795
ENSG0000(	24.33639	46.92866	-0.93184	0.025785	0.049623	ADARB2	chr10	-	1228073	1779670	3606
ENSG0000(	0	121.6523	-8.417	7.82E-15	5.08E-14	NRG3	chr10	+	83635070	84746935	3530
ENSG0000(	0.632843	1.995719	-1.3071	0.35187	0.456	SRL	chr16	-	4239375	4292081	5587
ENSG0000(	219.2438	8.966166	4.5761	8.74E-43	1.66E-41	C11orf87	chr11	+	1.09E+08	1.09E+08	5884
ENSG0000(	35.00645	20.60949	0.7513	0.091493	0.14987	IFIT1	chr10	+	91152303	91163745	2769
ENSG0000(	177.0989	148.7145	0.24908	0.21977	0.31161	CXorf38	chrX	-	40488285	40506819	2783
ENSG0000(	1.016461	1.355566	-0.33317	0.81779	0.87209	CLDN24	chr4	-	1.84E+08	1.84E+08	663
ENSG0000(	116.2122	27.79283	2.0408	3.01E-12	1.65E-11	KCNQ5	chr6	+	73331520	73908574	6688
ENSG0000(	15.49891	9.511656	0.68104	0.23589	0.32987	ADAMTSL5	chr19	-	1505017	1513603	2851
ENSG0000(	22.37787	16.53306	0.42312	0.37736	0.48145	KCNIP4	chr4	-	20730239	21950422	2481
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	SPATA31A6	chr9	-	43624507	43630730	4209
ENSG0000(	6468.188	6531.186	-0.01387	0.91672	0.94372	MORF4L1	chr15	+	79102829	79190475	2359
ENSG0000(	1.016461	0	1.3167	0.46021	NA	NLRP9	chr19	-	56219798	56249768	3484
ENSG0000(	121.5293	186.3038	-0.61567	0.00115	0.002828	WDR53	chr3	-	1.96E+08	1.96E+08	1671
ENSG0000(	1437.87	568.2763	1.3362	7.70E-21	6.74E-20	DMWD	chr19	-	46286205	46296060	3305
ENSG0000(	1295.336	999.0128	0.37464	0.000954	0.002375	SLC52A2	chr8	+	1.46E+08	1.46E+08	2147
ENSG0000(	106.4279	64.95566	0.70705	0.005888	0.012925	PIGP	chr21	-	38435146	38445470	3437
ENSG0000(	3.40309	26.3806	-2.8753	1.47E-05	4.62E-05	IKZF1	chr7	+	50343720	50472799	6189

ENSG0000(	1851.736	549.3881	1.7478	6.81E-19	5.43E-18	PCYT2	chr17	-	79858841	79869340	5147
ENSG0000(	7.685643	1609.887	-7.5989	3.16E-96	1.73E-94	NAT8L	chr4	+	2061239	2070816	5870
ENSG0000(	0	11.90388	-5.0973	8.35E-05	0.00024	NPAP1	chr15	+	24920541	24928593	8053
ENSG0000(	2136.225	2173.959	-0.0248	0.83049	0.88055	BCAP31	chrX	-	1.53E+08	1.53E+08	1810
ENSG0000(	45.88443	37.56907	0.28331	0.35834	0.46266	ARL17A	chr17	-	44594068	44657088	3945
ENSG0000(	48.58027	69.51676	-0.50722	0.078378	0.13121	RPL12P4	chr20	+	53691155	53691685	529
ENSG0000(	5.809443	5.194065	0.15302	0.85114	0.8953	CECR5-AS1	chr22	+	17640274	17646335	616
ENSG0000(	248.3039	329.6134	-0.40639	0.14492	0.22034	GNB1L	chr22	-	19770747	19842462	6706
ENSG0000(	6.121096	11.8675	-0.94093	0.15584	0.23457	RP4-592A1	chr1	-	59096513	59097202	690
ENSG0000(	107.7441	180.9106	-0.74501	0.00028	0.000752	DNAH14	chr1	+	2.25E+08	2.26E+08	13788
ENSG0000(	0	111.8882	-8.3012	2.25E-14	1.42E-13	RP1-46F2.2	chr12	+	1.11E+08	1.11E+08	705
ENSG0000(	5.809443	2.604317	1.0692	0.25452	0.35158	EVI2B	chr17	-	29630784	29641130	1999
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	TMEM210	chr9	-	1.4E+08	1.4E+08	873
ENSG0000(	105.5386	94.36045	0.15577	0.57736	0.67403	61E3.4	chr16	-	21845890	21892148	3807
ENSG0000(	15.02279	89.51846	-2.5623	4.71E-14	2.90E-13	ZNF829	chr19	-	37379026	37407193	4977
ENSG0000(	105.6888	151.6101	-0.5155	0.047443	0.085018	THNSL1	chr10	+	25305587	25315593	3788
ENSG0000(	272.7014	146.2017	0.89226	0.002301	0.00539	TRIM69	chr15	+	45021186	45060027	5691
ENSG0000(	15.69508	14.19749	0.14139	0.80572	0.8626	ATP6V0C	chr16	+	2563871	2570219	1175
ENSG0000(	35.89268	2271.911	-5.9474	1.05E-116	7.66E-115	IFITM1	chr11	+	313506	315272	855
ENSG0000(	0.290301	0	0.4146	0.81455	NA	PRSS38	chr1	+	2.28E+08	2.28E+08	1267
ENSG0000(	5243.792	3038.391	0.78649	7.04E-11	3.53E-10	LAMP1	chr13	+	1.14E+08	1.14E+08	5242
ENSG0000(	0	1.029414	-1.1526	0.51496	NA	TAS2R60	chr7	+	1.43E+08	1.43E+08	957
ENSG0000(	206.342	251.7844	-0.28489	0.082523	0.13716	SGK196	chr8	+	42948658	42978577	1865
ENSG0000(	0.685084	1.40169	-0.7101	0.66663	0.74943	OR11N1P	chrX	-	1.3E+08	1.3E+08	853
ENSG0000(	0.870904	88.68675	-6.1321	1.87E-14	1.19E-13	C16orf54	chr16	-	29753784	29757327	2585
ENSG0000(	270.2209	277.9306	-0.04023	0.82329	0.87538	KLHDC8B	chr3	+	49209044	49213917	1957
ENSG0000(	1.701545	56.29234	-4.8099	1.06E-09	4.86E-09	KLHL34	chrX	-	21673609	21676448	2840
ENSG0000(	206.1297	750.6632	-1.8608	9.19E-28	1.08E-26	SETD4	chr21	-	37406839	37451687	4272
ENSG0000(	843.8364	1026.096	-0.28094	0.14118	0.21537	PTCH1	chr9	-	98205262	98279339	10631
ENSG0000(	32.6565	16.06941	0.99095	0.039308	0.072288	RTN4RL1	chr17	-	1839299	1928178	1836
ENSG0000(	0.290301	0	0.4146	0.81455	NA	OR4C46	chr11	+	51515282	51516211	930
ENSG0000(	410.8764	590.1557	-0.52202	0.004368	0.009813	PAGR1	chr16	+	29827285	29831759	2011
ENSG0000(	0.290301	1.788535	-1.4409	0.41004	0.51484	CALHM1	chr10	-	1.05E+08	1.05E+08	3053
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	KRTAP5-5	chr11	+	1651033	1652160	1128
ENSG0000(	4.399013	8.922459	-0.98413	0.20788	0.29769	NKAIN3	chr8	+	63161150	63912211	1988
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	NXF2B	chrX	-	1.02E+08	1.02E+08	3959
ENSG0000(	136.7758	158.5417	-0.21338	0.31478	0.41732	RNPC3	chr1	+	1.04E+08	1.04E+08	3658
ENSG0000(	19.70787	30.73371	-0.61343	0.20446	0.29359	ZNF267	chr16	+	31885079	31928668	3307
ENSG0000(	1687.618	1506.831	0.16259	0.52327	0.62577	IRS2	chr13	-	1.1E+08	1.1E+08	6999
ENSG0000(	2.572449	0.297015	2.245	0.12938	0.2009	C7orf61	chr7	-	1E+08	1E+08	1004
ENSG0000(	0.290301	0	0.4146	0.81455	NA	FAM186A	chr12	-	50720013	50790405	8200
ENSG0000(	92.66388	0	8.0454	1.67E-13	9.96E-13	SHOX	chrX	+	585079	620146	3757
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	LCE3A	chr1	-	1.53E+08	1.53E+08	270
ENSG0000(	1567.835	1151.943	0.44363	0.001013	0.002508	BICD2	chr9	-	95473645	95527094	6427
ENSG0000(	23.27885	5.410113	2.054	0.001265	0.003088	CCIN	chr9	+	36169389	36171329	1941
ENSG0000(	161.8988	111.0927	0.53992	0.012851	0.026418	TMLHE	chrX	-	1.55E+08	1.55E+08	2832
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	GRK1	chr13	+	1.14E+08	1.14E+08	2101
ENSG0000(	0	4.602452	-3.728	0.009576	0.020191	SLITRK2	chrX	+	1.45E+08	1.45E+08	7672
ENSG0000(	25.83239	127.377	-2.2797	3.25E-10	1.55E-09	SDHAP3	chr5	-	1568637	1594735	1026
ENSG0000(	3.640337	8.737965	-1.1379	0.22899	0.32217	PLK5	chr19	+	1524073	1535455	2106
ENSG0000(	2682.578	570.1069	2.2312	1.00E-95	5.42E-94	RASA3	chr13	-	1.15E+08	1.15E+08	4191
ENSG0000(	5.124359	10.41968	-0.9715	0.16977	0.25175	F8A3	chrX	-	1.55E+08	1.55E+08	1701
ENSG0000(	804.045	713.4296	0.17194	0.1431	0.21794	LRCH3	chr3	+	1.98E+08	1.98E+08	7394
ENSG0000(	2.447429	26.79014	-3.224	3.13E-05	9.47E-05	LEMD1	chr1	-	2.05E+08	2.05E+08	929
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RPS4XP21	chr19	-	34583445	34584215	771
ENSG0000(	15.37389	0.937167	3.6671	8.05E-05	0.000232	ATP4B	chr13	-	1.14E+08	1.14E+08	1488
ENSG0000(	4.337399	19.54121	-2.0967	0.0021	0.004952	NDUFA13	chr19	+	19626545	19639863	1166
ENSG0000(	98.86713	149.7127	-0.59485	0.038638	0.071183	ZNF566	chr19	-	36936021	36980804	5253
ENSG0000(	2.790785	6.493771	-1.0952	0.34228	0.44618	AC084219.	chr19	-	44609616	44617298	3199
ENSG0000(	159.2081	181.1702	-0.18718	0.33079	0.43395	ZNF529	chr19	-	37025676	37096178	5238
ENSG0000(	26.65961	15.91963	0.73958	0.087121	0.14381	ZNF284	chr19	+	44576297	44593766	4351
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	HTR3E	chr3	+	1.84E+08	1.84E+08	2139
ENSG0000(	2.903826	61.05801	-4.2504	3.31E-13	1.94E-12	DLEU7	chr13	-	51285144	51418075	2291
ENSG0000(	0.685084	1.713273	-0.99869	0.51558	0.61846	TAL2	chr9	+	1.08E+08	1.08E+08	630
ENSG0000(	16.3056	2.307303	2.6813	0.000606	0.001555	MATN1-AS1	chr1	+	31191351	31199674	3925

ENSG0000(	1238.667	1005.93	0.29944	0.010202	0.021413	AIDA	chr1	-	2.23E+08	2.23E+08	4050
ENSG0000(	63.09182	140.5559	-1.1459	9.05E-07	3.24E-06	C15orf41	chr15	+	36871812	37102449	5843
ENSG0000(	1.08924	0	1.1858	0.50299	NA	CD300LF	chr17	-	72690452	72709117	1825
ENSG0000(	42.01638	111.4535	-1.4008	1.23E-07	4.78E-07	RP11-887P	chr12	-	94034598	94035362	765
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-698N	chr11	-	35881799	35883048	1250
ENSG0000(	13.39402	19.81882	-0.56351	0.25274	0.3497	GSAP	chr7	-	76940068	77045717	3458
ENSG0000(	1.524285	5.918343	-1.6591	0.16367	0.24431	AGBL4	chr1	-	48998527	50489585	3938
ENSG0000(	0	1.638012	-2.1885	0.18912	NA	ARGFX	chr3	+	1.21E+08	1.21E+08	992
ENSG0000(	165.9829	178.9595	-0.10778	0.69474	0.77231	CYP2R1	chr11	-	14899553	14913798	2325
ENSG0000(	0.705622	2.200487	-1.2984	0.38637	0.49056	LRRC70	chr5	+	61874562	61877275	2249
ENSG0000(	100.2433	315.9404	-1.6501	1.16E-19	9.66E-19	ANKRD46	chr8	-	1.02E+08	1.02E+08	3270
ENSG0000(	3921.12	1307.553	1.5812	2.07E-27	2.39E-26	PIP5K1C	chr19	-	3630181	3700477	5080
ENSG0000(	0.290301	2.979009	-2.446	0.091618	0.15003	CYP4F2	chr19	-	15988834	16008930	2406
ENSG0000(	3.693391	0.357707	2.7171	0.052141	0.092282	TEX38	chr1	+	47134527	47139266	1003
ENSG0000(	209.5712	209.3925	0.003488	0.98614	0.99179	ZBTB6	chr9	-	1.26E+08	1.26E+08	4106
ENSG0000(	88.22698	33.93534	1.369	7.91E-07	2.85E-06	C2orf76	chr2	-	1.2E+08	1.2E+08	1150
ENSG0000(	2.738544	0.640152	1.6683	0.22793	0.32098	TAS2R42	chr12	-	11338599	11339543	945
ENSG0000(	453.9779	407.713	0.15483	0.4961	0.59992	POLR3C	chr1	-	1.46E+08	1.46E+08	1851
ENSG0000(	0.290301	0.715414	-0.50514	0.77701	NA	C2orf53	chr2	-	27359723	27362278	2001
ENSG0000(	96.62329	94.86236	0.019624	0.9401	0.96075	WWOX	chr16	+	78133310	79246564	2482
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	CYP4Z1	chr1	+	47533160	47583991	1906
ENSG0000(	110.122	71.00338	0.63248	0.007794	0.016698	CIDECP	chr3	-	10055932	10068049	1784
ENSG0000(	172.4121	278.08	-0.69045	0.000501	0.001302	CCDC84	chr11	+	1.19E+08	1.19E+08	1781
ENSG0000(	2177.703	2182.847	-0.0035	0.97669	0.98684	BCL9L	chr11	-	1.19E+08	1.19E+08	10005
ENSG0000(	756.3718	1564.781	-1.0476	7.60E-16	5.22E-15	POLR1D	chr13	+	28194903	28241548	1945
ENSG0000(	920.7627	1381.757	-0.58495	2.24E-06	7.73E-06	KIF18B	chr17	-	43002077	43025082	4217
ENSG0000(	601.6347	823.263	-0.45203	0.00462	0.010344	ZNRF1	chr16	+	75032928	75144892	5331
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	FFAR4	chr10	+	95326422	95364237	3653
ENSG0000(	566.9248	1898.094	-1.7403	2.24E-32	3.14E-31	SAPCD2	chr9	-	1.4E+08	1.4E+08	3843
ENSG0000(	102.5545	45.38531	1.164	4.79E-05	0.000142	EDARADD	chr1	+	2.37E+08	2.37E+08	3097
ENSG0000(	3.443352	3.717114	-0.10383	0.92264	0.94798	SLC51B	chr15	+	65337708	65345734	940
ENSG0000(	38.17499	516.4784	-3.7222	1.18E-44	2.34E-43	1-Mar	chr1	+	2.21E+08	2.21E+08	2707
ENSG0000(	14.73249	37.36679	-1.3215	0.009727	0.020493	SOWAHB	chr4	-	77816082	77819002	2921
ENSG0000(	505.5467	466.6034	0.11446	0.53336	0.63427	BLOC1S4	chr4	+	6717842	6719387	1546
ENSG0000(	43.54906	150.6527	-1.7885	5.98E-12	3.21E-11	ZNF749	chr19	+	57946697	57956853	2587
ENSG0000(	0.36308	2.635871	-2.2626	0.12261	0.19232	KLHL32	chr6	+	97372605	97588630	3698
ENSG0000(	0	1.188058	-1.268	0.47398	NA	FAM86MP	chr4	+	9694119	9704578	885
ENSG0000(	21.23558	32.26423	-0.59095	0.25592	0.35323	AC016757.	chr2	-	2.39E+08	2.39E+08	1888
ENSG0000(	588.3936	300.8611	0.96541	4.63E-08	1.86E-07	MKL2	chr16	+	14165178	14360630	8799
ENSG0000(	0	3.183777	-3.1728	0.037267	0.068902	BTLA	chr3	-	1.12E+08	1.12E+08	3213
ENSG0000(	31.68291	51.78664	-0.69741	0.12407	0.19414	ZNF17	chr19	+	57922531	57933307	2750
ENSG0000(	134.9705	86.85425	0.6353	0.006511	0.014183	NBPF12	chr1	+	1.46E+08	1.46E+08	12455
ENSG0000(	50.34326	63.54833	-0.33403	0.39991	0.50459	KDM4D	chr11	+	94706845	94732682	2978
ENSG0000(	2.354926	10.7353	-2.04	0.026561	0.050947	GPAT2	chr2	-	96687694	96705199	4407
ENSG0000(	576.9089	539.9564	0.094868	0.50766	0.61121	TOR3A	chr1	+	1.79E+08	1.79E+08	2724
ENSG0000(	0	1.949596	-2.4359	0.13595	0.20899	PABPC1L2A	chrX	-	72297115	72299351	2237
ENSG0000(	21.85823	470.456	-4.3825	2.45E-59	7.00E-58	GABRA5	chr15	+	27111510	27194354	3251
ENSG0000(	1980.445	5435.06	-1.4551	7.69E-39	1.31E-37	PPP1CC	chr12	-	1.11E+08	1.11E+08	2797
ENSG0000(	84.6586	87.08668	-0.04117	0.89038	0.92385	ZNF555	chr19	+	2841433	2860482	8557
ENSG0000(	15.93396	86.55757	-2.396	2.97E-07	1.11E-06	MST1P2	chr1	+	16972069	16976914	2368
ENSG0000(	183.0556	376.5271	-1.0358	1.06E-05	3.38E-05	NAP1L3	chrX	-	92925929	92928567	2639
ENSG0000(	220.2322	214.4523	0.041672	0.83452	0.88368	CA5BP1	chrX	+	15693055	15721847	1264
ENSG0000(	95.00064	66.03361	0.52098	0.031226	0.058731	PRELID2	chr5	-	1.45E+08	1.45E+08	2140
ENSG0000(	847.4351	195.4264	2.106	1.37E-20	1.19E-19	BACE1	chr11	-	1.17E+08	1.17E+08	9924
ENSG0000(	1.608228	1.248751	0.27398	0.85253	0.89637	RP13-608F	chr15	+	82804003	82810874	1776
ENSG0000(	1.359003	1.66715	-0.25092	0.85492	0.898	RGS9BP	chr19	+	33166313	33169206	2894
ENSG0000(	0	2.117104	-2.2796	0.18565	0.27129	RP11-140K	chr6	+	34683390	34683717	328
ENSG0000(	0.290301	0.640152	-0.50256	0.77558	NA	SLC36A3	chr5	-	1.51E+08	1.51E+08	3558
ENSG0000(	0.290301	1.995719	-1.903	0.2133	0.3039	SLC36A2	chr5	-	1.51E+08	1.51E+08	3421
ENSG0000(	10037.58	991.0148	3.3273	2.15E-49	4.84E-48	THBS2	chr6	-	1.7E+08	1.7E+08	5811
ENSG0000(	1381.589	1551.637	-0.16725	0.2061	0.2957	RXRA	chr9	+	1.37E+08	1.37E+08	5770
ENSG0000(	15.0862	15.91721	-0.08078	0.88449	0.91938	ANKRD37	chr4	+	1.86E+08	1.86E+08	1444
ENSG0000(	51.80789	8.978319	2.4922	7.58E-08	2.99E-07	C9orf47	chr9	+	91605778	91611055	4837
ENSG0000(	38.60034	49.10559	-0.34717	0.26615	0.36489	NUDT17	chr1	-	1.46E+08	1.46E+08	2342
ENSG0000(	0	2.401965	-2.0937	0.23902	0.33362	KIAA1024L	chr5	+	1.29E+08	1.29E+08	2354

ENSG0000(	0	0.343138	-0.41864	0.81278	NA	LINC00643	chr14	+	62584197	62596352	1962
ENSG0000(	243.0005	120.6276	1.0111	1.03E-06	3.67E-06	ZNF75D	chrX	-	1.34E+08	1.34E+08	5592
ENSG0000(	0	19.0791	-5.8435	1.09E-06	3.89E-06	CYP4X1	chr1	+	47427036	47516423	2357
ENSG0000(	832.7575	355.7236	1.2219	3.13E-08	1.27E-07	KRT10	chr17	-	38974369	38978847	2124
ENSG0000(	11.64024	3.152223	1.7393	0.042569	0.077371	GOLGA8R	chr15	-	30695943	30706463	3062
ENSG0000(	7.055405	0	4.3914	0.001001	0.002482	CD300E	chr17	-	72606026	72619897	3501
ENSG0000(	10.97569	15.35641	-0.48709	0.40972	0.51457	CCDC30	chr1	+	42929001	43120335	6827
ENSG0000(	206.2437	312.2039	-0.59648	7.51E-05	0.000217	NKRF	chrX	-	1.19E+08	1.19E+08	3741
ENSG0000(	1.597063	9.200072	-2.3074	0.015478	0.031262	GLDN	chr15	+	51633826	51700210	4971
ENSG0000(	2017.208	1228.96	0.71336	4.52E-05	0.000134	KPNA4	chr3	-	1.6E+08	1.6E+08	8981
ENSG0000(	0	136.15	-8.5545	3.60E-15	2.38E-14	TRDN	chr6	-	1.24E+08	1.24E+08	4746
ENSG0000(	0.685084	0.343138	0.48017	0.78775	NA	KRT3	chr12	-	53183469	53189901	2319
ENSG0000(	57.03477	146.6612	-1.3589	6.79E-10	3.18E-09	ZNF501	chr3	+	44771088	44778575	3099
ENSG0000(	353.2953	285.9746	0.30528	0.037291	0.068942	ZNF197	chr3	+	44626380	44689963	4299
ENSG0000(	11.34056	10.82023	0.068358	0.92111	0.94697	SPATA12	chr3	+	57094469	57109460	2413
ENSG0000(	0	1.294874	-1.8547	0.27869	NA	TMPRSS12	chr12	+	51236703	51281667	3336
ENSG0000(	1.681007	0	2.1857	0.19206	NA	FAM228A	chr2	+	24397938	24423718	1774
ENSG0000(	0.580602	271.3849	-8.1193	3.11E-23	3.04E-22	NAP1L2	chrX	-	72432135	72434684	2550
ENSG0000(	15.27022	0.654722	4.0917	5.48E-05	0.000161	AQP7P1	chr9	-	67272038	67289492	1375
ENSG0000(	1021.806	701.5265	0.54208	0.000327	0.00087	RPS23	chr5	-	81569177	81574396	3437
ENSG0000(	528.1229	74.49699	2.8164	1.56E-28	1.88E-27	GNG2	chr14	+	52292913	52446060	3729
ENSG0000(	603.6904	49.70935	3.5865	4.79E-64	1.53E-62	BTN3A2	chr6	+	26365387	26378546	3017
ENSG0000(	1.681007	2.117104	-0.26379	0.84299	0.88985	AKAP14	chrX	+	1.19E+08	1.19E+08	977
ENSG0000(	62.22254	55.10798	0.17642	0.59667	0.69101	PCLO	chr7	-	82387442	82792246	17144
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	KLK12	chr19	-	51532348	51538486	1170
ENSG0000(	1.08924	72.65837	-5.8412	9.39E-14	5.67E-13	RGS7BP	chr5	+	63802084	63908139	4160
ENSG0000(	5520.378	1240.669	2.1131	1.33E-05	4.19E-05	INSIG1	chr7	+	1.55E+08	1.55E+08	3010
ENSG0000(	1.027626	11.31314	-3.1403	0.003033	0.006984	ANKRD20A	chr18	+	14179096	14249455	3410
ENSG0000(	0.290301	3.010564	-2.4075	0.10691	0.17085	MYT1L	chr2	-	1792885	2335032	7063
ENSG0000(	11.77382	197.0511	-4.026	1.29E-35	2.00E-34	C5orf38	chr5	+	2752245	2755508	1441
ENSG0000(	6.701698	8.871503	-0.39772	0.5829	0.67895	ZNF396	chr18	-	32946661	32957301	2788
ENSG0000(	589.2775	520.0534	0.18079	0.37247	0.47691	TMEM222	chr1	+	27648651	27662891	2861
ENSG0000(	1.669842	18.49406	-3.259	0.000198	0.000542	CLCNKA	chr1	+	16345370	16360545	3060
ENSG0000(	14.43877	20.95505	-0.51223	0.29364	0.39568	ARHGAP30	chr1	-	1.61E+08	1.61E+08	4857
ENSG0000(	1475.144	1163.8	0.34227	0.003519	0.008027	10-Sep	chr2	-	1.1E+08	1.1E+08	3091
ENSG0000(	3.40309	24.7013	-2.7946	1.21E-05	3.83E-05	FAM86B1	chr8	-	12039605	12051642	2394
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	CYP4F3	chr19	+	15751707	15773634	5050
ENSG0000(	192.8749	163.6154	0.23318	0.48384	0.58794	XKR5	chr8	-	6666038	6693166	4894
ENSG0000(	294.999	428.3539	-0.53702	8.80E-05	0.000252	SMYD4	chr17	-	1682779	1733928	4384
ENSG0000(	0	3.273608	-2.9384	0.074324	0.12551	CROCCP5	chr1	+	21760811	21764051	830
ENSG0000(	52.97072	3.336716	3.8982	2.03E-12	1.13E-11	FOXD2	chr1	+	47901689	47906363	4675
ENSG0000(	1599.731	1582.05	0.016392	0.87353	0.91187	GPATCH8	chr17	-	42472652	42580798	8109
ENSG0000(	95.08042	69.79047	0.43861	0.17948	0.26353	CEACAM19	chr19	+	45165545	45187631	3278
ENSG0000(	2769.705	1190.746	1.2164	6.74E-27	7.62E-26	NF2	chr22	+	29999545	30094587	6025
ENSG0000(	393.5269	134.9137	1.5325	3.47E-07	1.29E-06	C6orf1	chr6	-	34214157	34217247	1487
ENSG0000(	0.653381	16.60033	-4.1277	0.000169	0.000468	SPATC1	chr8	+	1.45E+08	1.45E+08	1954
ENSG0000(	3010.647	2531.386	0.24954	0.052983	0.093542	UBE2H	chr7	-	1.29E+08	1.3E+08	5151
ENSG0000(	416.5175	31.67638	3.3774	0.001	0.00248	MIR22HG	chr17	-	1614805	1620468	2626
ENSG0000(	55.10471	492.6604	-3.1448	1.93E-59	5.55E-58	HPDL	chr1	+	45792545	45794347	1803
ENSG0000(	34.94721	71.19055	-1.0175	0.003776	0.008563	KTN1-AS1	chr14	-	55965996	56046828	2185
ENSG0000(	222.2495	289.114	-0.3776	0.023587	0.045819	KATNA1	chr6	-	1.5E+08	1.5E+08	1894
ENSG0000(	16.64895	17.68627	-0.0797	0.88685	0.92093	FSD2	chr15	-	83424114	83474822	6418
ENSG0000(	1578.514	1654.87	-0.06811	0.65642	0.74115	ARAP1	chr11	-	72396114	72504644	5767
ENSG0000(	227.0347	142.6097	0.66969	0.00042	0.001102	KIF24	chr9	-	34252379	34329198	6226
ENSG0000(	7.624843	96.59424	-3.6255	1.92E-19	1.57E-18	PDE2A	chr11	-	72287185	72385635	4315
ENSG0000(	3.786708	4.256898	-0.17879	0.85163	0.89565	SPDYE9P	chr7	-	76651635	76661674	2884
ENSG0000(	2.843026	170.8511	-5.8524	1.87E-26	2.07E-25	LRRC16B	chr14	+	24521206	24538937	4597
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	PRG2	chr11	-	57154267	57158130	1424
ENSG0000(	471.7559	224.8951	1.0654	2.37E-07	8.96E-07	PRR5	chr22	+	45064593	45133561	2279
ENSG0000(	1013.698	521.7017	0.95683	4.36E-11	2.22E-10	ZFP91	chr11	+	58346584	58388515	5220
ENSG0000(	181.6611	478.7526	-1.3937	7.24E-10	3.38E-09	C17orf58	chr17	-	65987217	65989765	1654
ENSG0000(	12.94619	14.31075	-0.13022	0.80939	0.86565	BCDIN3D	chr12	-	50231573	50236912	1502
ENSG0000(	0	3.276024	-3.2377	0.030989	0.058351	MAGEE2	chrX	-	75002823	75005079	2257
ENSG0000(	487.303	137.7639	1.8134	4.76E-25	4.97E-24	CYP27C1	chr2	-	1.28E+08	1.28E+08	4401
ENSG0000(	265.291	247.9371	0.097692	0.52107	0.62363	LYRM7	chr5	+	1.31E+08	1.31E+08	6351

ENSG0000(	11.2241	18.49648	-0.69739	0.26432	0.36268	DTX2P1	chr7	+	76607934	76673092	1652
ENSG0000(	1.576526	9.401551	-2.3466	0.011482	0.023827	CCDC42B	chr12	+	1.14E+08	1.14E+08	1514
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CCDC73	chr11	-	32623792	32816204	4381
ENSG0000(	3.298608	58.46934	-3.9464	2.55E-07	9.60E-07	MST1L	chr1	-	17081405	17096732	4377
ENSG0000(	2474.104	4793.909	-0.95346	2.49E-21	2.23E-20	BCR	chr22	+	23521891	23660224	7082
ENSG0000(	0	9.450963	-4.8348	0.000168	0.000466	MPPED1	chr22	+	43807202	43902800	2729
ENSG0000(	0.342542	0.715414	-0.51272	0.77372	NA	TPI1P3	chr6	+	1.16E+08	1.16E+08	740
ENSG0000(	18.79931	9.514072	0.9541	0.080931	0.13485	FSCN2	chr17	+	79495422	79504156	1665
ENSG0000(	0	46.22291	-7.1065	2.11E-10	1.02E-09	FOXI2	chr10	+	1.3E+08	1.3E+08	3217
ENSG0000(	298.1133	303.6696	-0.0268	0.90763	0.93642	SPIN4	chrX	-	62567107	62571223	4117
ENSG0000(	70.58275	324.8993	-2.2005	1.16E-24	1.20E-23	ZNF732	chr4	-	264464	299110	2193
ENSG0000(	66.32783	63.2319	0.064413	0.83296	0.88233	SPIN2B	chrX	-	57144984	57147980	1258
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	FOXE3	chr1	+	47881744	47883723	1980
ENSG0000(	70.27322	22.8982	1.5991	4.62E-06	1.54E-05	HYAL3	chr3	-	50330262	50336899	1942
ENSG0000(	2.665765	210.5521	-6.1455	6.89E-27	7.79E-26	VSIG10L	chr19	-	51834790	51845378	3397
ENSG0000(	275.8166	617.9706	-1.1614	1.38E-09	6.27E-09	ZNF397	chr18	+	32820994	32847097	2637
ENSG0000(	255.5674	150.236	0.76061	0.004596	0.010293	ZSCAN30	chr18	-	32831032	32870196	4323
ENSG0000(	623.3296	587.8734	0.084436	0.51204	0.61518	TPCN1	chr12	+	1.14E+08	1.14E+08	5345
ENSG0000(	0.342542	1.234181	-1.1862	0.48567	NA	LILRB4	chr19	+	55155340	55181810	4002
ENSG0000(	0.685084	0	0.85004	0.63064	NA	C2orf27B	chr2	-	1.33E+08	1.33E+08	1325
ENSG0000(	2.012384	2.010288	-0.00137	0.99908	0.99973	TNFRSF4	chr1	-	1146706	1149518	1707
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	KRT17P2	chr17	+	18330175	18335162	1314
ENSG0000(	677.4069	699.5582	-0.04629	0.76481	0.8296	HEXIM1	chr17	+	43224684	43229468	4785
ENSG0000(	0.653381	126.8604	-7.0263	9.63E-16	6.58E-15	SELV	chr19	+	40005753	40011326	1704
ENSG0000(	2.842212	8.886072	-1.5087	0.094481	0.15398	LINC00846	chr21	-	33944548	33948191	1778
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	KRT14	chr17	-	39738531	39743173	1662
ENSG0000(	29.1583	279.9567	-3.2432	3.77E-38	6.31E-37	TRABD2A	chr2	-	85048774	85134132	3895
ENSG0000(	25.4376	47.11886	-0.88252	0.034352	0.064066	PDZD7	chr10	-	1.03E+08	1.03E+08	4306
ENSG0000(	1958.077	696.4072	1.4889	5.44E-39	9.32E-38	POFUT2	chr21	-	46683843	46707813	4825
ENSG0000(	19.74976	3.154639	2.4922	0.000902	0.002254	QRFPR	chr4	-	1.22E+08	1.22E+08	1708
ENSG0000(	55.19721	108.2271	-0.95997	0.003069	0.007063	MAPT	chr17	+	43971748	44105700	6816
ENSG0000(	207.6203	402.4447	-0.95159	4.76E-07	1.75E-06	ERCC6L	chrX	-	71424510	71458897	4341
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	OR13F1	chr9	+	1.07E+08	1.07E+08	1093
ENSG0000(	34.46513	20.72926	0.71555	0.084213	0.13966	TMEM17	chr2	-	62727356	62739029	2460
ENSG0000(	1.048164	6.968031	-2.4777	0.023708	0.046006	TNFRSF18	chr1	-	1138888	1142071	1179
ENSG0000(	0.342542	1.248751	-1.1955	0.48202	NA	FGF3	chr11	-	69624992	69633792	892
ENSG0000(	22.99711	8.363273	1.4122	0.015894	0.032033	C1QL4	chr12	-	49726200	49730971	2065
ENSG0000(	105.9327	145.5811	-0.45966	0.11497	0.18211	RTN4RL2	chr11	+	57228022	57245007	2203
ENSG0000(	733.3952	373.5068	0.97332	6.30E-10	2.95E-09	ZDHHC17	chr12	+	77157368	77247476	5259
ENSG0000(	0	5.113098	-3.8411	0.007652	0.016431	SERPINA11	chr14	-	94908801	94919127	1476
ENSG0000(	4.169512	2.292733	0.79204	0.4313	0.53681	P2RY4	chrX	-	69478016	69479654	1639
ENSG0000(	223.9939	471.2808	-1.0704	2.47E-09	1.10E-08	ZNF395	chr8	-	28203102	28260218	4808
ENSG0000(	3.661688	3.336716	0.12227	0.89842	0.92958	ZACN	chr17	+	74068042	74079747	2651
ENSG0000(	0	1.294874	-1.8547	0.27869	NA	CHCHD2P9	chr9	+	82006219	82006674	456
ENSG0000(	328.5179	143.5061	1.1831	0.00044	0.001152	PPARA	chr22	+	46546424	46639653	10048
ENSG0000(	2.604151	5.600312	-1.0141	0.28648	0.38801	TMEM232	chr5	-	1.1E+08	1.1E+08	4217
ENSG0000(	0.705622	0.700845	0.003311	0.99841	NA	C14orf23	chr14	+	29241910	29282493	1575
ENSG0000(	0	2.324288	-2.6717	0.096097	0.15624	KRTAP13-4	chr21	+	31802572	31803216	645
ENSG0000(	0.72616	8.438535	-3.1756	0.005917	0.012982	FAM183A	chr1	+	43610824	43622067	530
ENSG0000(	9.451407	5.568757	0.71652	0.31213	0.41418	EFCAB6	chr22	-	43924624	44208217	5120
ENSG0000(	27.12798	188.5905	-2.7461	1.83E-08	7.60E-08	KANK3	chr19	-	8387468	8408146	2787
ENSG0000(	23.74543	137.9372	-2.5153	1.76E-12	9.81E-12	EMID1	chr22	+	29601840	29655586	2173
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	ACTL7A	chr9	+	1.12E+08	1.12E+08	1433
ENSG0000(	8.941956	11.18693	-0.30791	0.67581	0.75727	PKD1L3	chr16	-	71963441	72033877	5195
ENSG0000(	12.55401	13.74345	-0.12242	0.85522	0.89816	RHD	chr1	+	25598884	25656936	2930
ENSG0000(	28.49734	0	6.448	1.46E-08	6.13E-08	C17orf82	chr17	+	59489112	59490641	1530
ENSG0000(	2.31385	446.0671	-7.376	1.21E-36	1.94E-35	ESPN	chr1	+	6484848	6521430	3531
ENSG0000(	0	5.116387	-3.5863	0.02273	0.044298	PNLIPRP1	chr10	+	1.18E+08	1.18E+08	3415
ENSG0000(	0.342542	1.638012	-1.6301	0.29933	0.40091	GPR141	chr7	+	37723399	37873390	1270
ENSG0000(	10.17757	8.139104	0.29308	0.71757	0.79086	TMPRSS6	chr22	-	37461476	37505603	3260
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CYP4A11	chr1	-	47394849	47407156	2530
ENSG0000(	156.7555	201.1637	-0.35769	0.073489	0.12431	TMEM216	chr11	+	61159159	61166335	1955
ENSG0000(	814.8855	896.0003	-0.1369	0.37175	0.47613	RPS19BP1	chr22	-	39925098	39928860	2801
ENSG0000(	0.342542	0	0.4146	0.81455	NA	TMPRSS11/	chr4	-	68775103	68829858	3247
ENSG0000(	11.71139	0.997859	3.2372	0.001405	0.003408	RP11-187C	chr9	+	45562979	45563576	598

ENSG0000(	6.495341	3.428963	0.8557	0.36812	0.47275	AP003068.	chr11	-	64852451	64856847	4129
ENSG0000(	178.6129	40.33687	2.1324	7.24E-19	5.77E-18	C3orf70	chr3	-	1.85E+08	1.85E+08	5901
ENSG0000(	5401.41	1519.835	1.8283	1.87E-70	6.79E-69	TEAD1	chr11	+	12695969	12966298	9430
ENSG0000(	402.3207	391.4078	0.038936	0.87025	0.90956	PLCD1	chr3	-	38048987	38071253	3271
ENSG0000(	0.290301	3.884622	-2.8234	0.042837	0.077782	CCK	chr3	-	42299317	42307699	1527
ENSG0000(	446.3626	153.4238	1.5323	1.74E-09	7.85E-09	ENTPD5	chr14	-	74424713	74486102	5842
ENSG0000(	33.68152	6.20891	2.3777	5.70E-06	1.88E-05	MITF	chr3	+	69788586	70017488	4814
ENSG0000(	15.87218	37.49073	-1.1917	0.10496	0.16814	HEATR4	chr14	-	73945189	74025651	3523
ENSG0000(	6266.641	11176.74	-0.83407	1.41E-17	1.06E-16	NAP1L1	chr12	-	76438670	76478813	5202
ENSG0000(	2.738544	0	2.8799	0.068861	0.11741	LILRA5	chr19	-	54818353	54824409	1365
ENSG0000(	191.7859	267.0675	-0.47712	0.053916	0.094983	CMC1	chr3	+	28283075	28366633	6033
ENSG0000(	0	6.269602	-4.2487	0.001526	0.00368	SLIT1	chr10	-	98757795	98945677	7925
ENSG0000(	90.56813	93.32869	-0.04186	0.86743	0.90758	LYPD6	chr2	+	1.5E+08	1.5E+08	4071
ENSG0000(	37.6397	26.26808	0.5142	0.19636	0.2844	AKR1C1	chr10	+	4934796	5025475	6705
ENSG0000(	2.032108	91.08771	-4.8057	1.84E-05	5.73E-05	VSTM2B	chr19	+	30017406	30055386	1488
ENSG0000(	0	532.734	-10.336	1.12E-21	1.02E-20	FOXD3	chr1	+	63788730	63790797	2068
ENSG0000(	0.342542	4.761096	-3.0496	0.026734	0.05125	SPATA21	chr1	-	16713612	16763919	3619
ENSG0000(	792.6688	1188.338	-0.5828	0.000352	0.000932	MRPS21	chr1	+	1.5E+08	1.5E+08	1463
ENSG0000(	548.2412	1216.47	-1.1485	1.11E-22	1.05E-21	RNF220	chr1	+	44870866	45117396	3835
ENSG0000(	0.342542	0	0.4146	0.81455	NA	ANGPTL5	chr11	-	1.02E+08	1.02E+08	2368
ENSG0000(	545.0441	172.1845	1.6599	3.20E-21	2.85E-20	KIAA1598	chr10	-	1.19E+08	1.19E+08	3941
ENSG0000(	1.95077	0	2.1837	0.20683	0.29652	H1FNT	chr12	+	48722763	48724062	1300
ENSG0000(	0	3.169208	-3.1358	0.041917	0.076354	KRTAP12-1	chr21	-	46101491	46102078	588
ENSG0000(	0.632843	2.010288	-1.3036	0.35892	0.46308	CTD-2600C	chr16	+	57832098	57850850	1309
ENSG0000(	0.685084	0.997859	-0.39711	0.8057	NA	RP11-195F	chr9	-	34664160	34666109	1525
ENSG0000(	49.05541	22.87396	1.077	0.02883	0.054795	ZNF546	chr19	+	40490041	40523514	4553
ENSG0000(	767.5694	414.8681	0.88363	0.0003	0.000803	TSPYL4	chr6	-	1.17E+08	1.17E+08	4111
ENSG0000(	7.075943	28.2395	-1.9669	0.000207	0.000567	MT1X	chr16	+	56716336	56718108	1727
ENSG0000(	210.2274	189.4778	0.14959	0.4635	0.56852	GCNT1	chr9	+	79034752	79122332	5972
ENSG0000(	2.302685	1.995719	0.18507	0.87152	0.91019	RP11-161I.	chr8	+	18578415	18591915	2054
ENSG0000(	1348.188	475.8963	1.5002	5.05E-24	5.07E-23	SESTD1	chr2	-	1.8E+08	1.8E+08	10615
ENSG0000(	1256.883	881.5675	0.51066	0.000212	0.000579	FNBP1	chr9	-	1.33E+08	1.33E+08	5398
ENSG0000(	689.5822	419.3337	0.71164	0.043559	0.078942	DYNC2H1	chr11	+	1.03E+08	1.03E+08	13678
ENSG0000(	0.342542	0	0.4146	0.81455	NA	KRT12	chr17	-	39017555	39023462	1867
ENSG0000(	59.86843	27.94174	1.0786	0.001402	0.003401	MAGED4B	chrX	-	51804923	51812368	3230
ENSG0000(	95.52647	1217.475	-3.6643	7.28E-77	2.95E-75	BCAM	chr19	+	45312328	45324673	2686
ENSG0000(	419.1867	496.7441	-0.24388	0.063781	0.11005	RSBN1L	chr7	+	77325760	77409008	3091
ENSG0000(	21.70053	739.1232	-5.0334	2.75E-48	6.01E-47	WDR86	chr7	-	1.51E+08	1.51E+08	2023
ENSG0000(	63.71773	277.6864	-2.1111	5.35E-13	3.09E-12	EPOR	chr19	-	11488236	11495018	2133
ENSG0000(	0	2.635871	-2.911	0.060379	0.10495	FAM9C	chrX	-	13053737	13062801	5858
ENSG0000(	0.705622	0	0.8807	0.6196	NA	CIDEC	chr3	-	9908398	9921938	1277
ENSG0000(	338.2291	6.269602	5.6881	1.24E-53	3.12E-52	DCC	chr18	+	49866542	51057784	5721
ENSG0000(	277.7763	315.4383	-0.18202	0.36236	0.46653	TAF9B	chrX	-	77385245	77395203	2713
ENSG0000(	77.1305	45.74302	0.7418	0.015326	0.030999	PCDHB13	chr5	+	1.41E+08	1.41E+08	3485
ENSG0000(	148.5503	459.3654	-1.6222	4.16E-24	4.19E-23	MAGI2	chr7	-	77646393	79082890	6861
ENSG0000(	54.6611	19.2936	1.4803	2.72E-05	8.30E-05	LUZP2	chr11	+	24518516	25104150	5016
ENSG0000(	0.342542	2.696564	-2.2809	0.11978	0.18856	LHFPL3	chr7	+	1.04E+08	1.05E+08	3174
ENSG0000(	1597.062	1346.775	0.24543	0.027664	0.052847	CHP1	chr15	+	41523037	41574043	3284
ENSG0000(	3.983692	116.5798	-4.7577	5.36E-18	4.11E-17	RDM1	chr17	-	34245070	34257777	1535
ENSG0000(	0	5.474094	-3.6857	0.018341	0.036505	FPR3	chr19	+	52298416	52329442	2620
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	HIST1H1T	chr6	-	26107640	26108364	725
ENSG0000(	177.3783	10.5265	4.0338	7.97E-34	1.17E-32	C11orf96	chr11	+	43946892	43965888	1834
ENSG0000(	1.068702	153.6814	-6.8037	1.72E-16	1.22E-15	KCNJ11	chr11	-	17407406	17410878	2801
ENSG0000(	1.649304	8.156089	-2.1314	0.024984	0.048243	CDHR4	chr3	-	49828165	49837268	2476
ENSG0000(	73252.88	3674.686	4.3136	0	0	COL4A1	chr13	-	1.11E+08	1.11E+08	6524
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	PLEKHG7	chr12	+	93115281	93166231	3584
ENSG0000(	0.580602	22.11638	-4.6304	2.65E-06	9.07E-06	GJA4	chr1	+	35258599	35261348	1622
ENSG0000(	19823.23	43872.97	-1.1451	9.27E-26	9.98E-25	PTMA	chr2	+	2.33E+08	2.33E+08	1635
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CXorf27	chrX	+	37850070	37850569	500
ENSG0000(	302.9174	555.4754	-0.87171	8.22E-06	2.67E-05	HSPA14	chr10	+	14880163	14913740	1904
ENSG0000(	296.4171	375.9827	-0.34165	0.025116	0.048442	SIRT7	chr17	-	79869815	79879199	3445
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	C4orf40	chr4	+	70999333	71042516	4784
ENSG0000(	28.60101	42.8004	-0.57347	0.11952	0.18822	CTC-471F3.	chr19	-	40448563	40449634	976
ENSG0000(	791.536	760.5884	0.05696	0.81796	0.87219	IFT140	chr16	-	1560428	1662111	5270
ENSG0000(	0.632843	0.700845	-0.06767	0.96753	NA	TPM3P7	chr2	-	26032794	26033525	732

ENSG0000(	364.6973	19.0783	4.2472	1.28E-60	3.75E-59	AGMO	chr7	-	15239943	15601640	2475
ENSG0000(	1.576526	67.42502	-5.0944	5.97E-11	3.01E-10	SBK2	chr19	-	56041100	56048456	1085
ENSG0000(	0.290301	4.731958	-2.9151	0.052535	0.092845	CYP26C1	chr10	+	94821021	94828454	1569
ENSG0000(	10.38392	57.07155	-2.4051	1.68E-05	5.24E-05	TLR5	chr1	-	2.23E+08	2.23E+08	4088
ENSG0000(	2182.207	4431.091	-1.0212	4.96E-27	5.63E-26	USP7	chr16	-	8985951	9058371	5412
ENSG0000(	28.27028	4.600036	2.5333	2.10E-05	6.50E-05	NANOS3	chr19	+	13972877	13991571	776
ENSG0000(	13.79818	28.82137	-1.0544	0.027468	0.052529	NHLRC1	chr6	-	18120718	18122851	2134
ENSG0000(	0	15.72943	-5.6039	2.72E-06	9.31E-06	DPPA3	chr12	+	7864050	7870155	1079
ENSG0000(	15.147	40.7205	-1.4026	0.002096	0.004945	PLEKHN1	chr1	+	901877	911245	2455
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	TERF1P2	chr18	-	14377545	14378756	1212
ENSG0000(	0.923144	111.7086	-6.4727	1.04E-17	7.87E-17	ZNF385C	chr17	-	40177594	40217383	2085
ENSG0000(	371.5454	198.0936	0.90351	2.23E-08	9.19E-08	MAGEH1	chrX	+	55478538	55479998	1461
ENSG0000(	1223.333	898.6286	0.44383	0.017556	0.03509	TET3	chr2	+	74229840	74335303	10983
ENSG0000(	286.085	467.9277	-0.70689	0.000469	0.001223	ZNF286A	chr17	+	15602891	15640874	5616
ENSG0000(	448.4723	290.2836	0.62497	4.50E-05	0.000134	ISG15	chr1	+	948803	949920	711
ENSG0000(	323.7815	225.2419	0.51784	0.11726	0.18514	EXD3	chr9	-	1.4E+08	1.4E+08	2932
ENSG0000(	19.98105	0	5.9399	4.10E-07	1.52E-06	TMEM8C	chr9	-	1.36E+08	1.36E+08	818
ENSG0000(	0	1.355566	-1.9006	0.26573	NA	TCL6	chr14	+	96116835	96146170	4232
ENSG0000(	38.07035	26.18879	0.53345	0.14297	0.21775	C17orf97	chr17	+	260118	273510	1839
ENSG0000(	99.66346	146.4044	-0.55136	0.01177	0.024362	ZKSCAN4	chr6	-	28212401	28227011	2375
ENSG0000(	1.286224	1.340997	-0.03274	0.98046	0.98924	RGPD1	chr2	+	87135076	87241104	6697
ENSG0000(	135.8077	86.93845	0.64395	0.004622	0.010347	DHRS4L2	chr14	+	24439148	24475617	1370
ENSG0000(	518.3466	47.23454	3.4386	1.38E-55	3.61E-54	SAMD11	chr1	+	860260	879955	2551
ENSG0000(	2.448243	6.177355	-1.2619	0.19991	0.28852	C1orf170	chr1	-	910579	917497	3064
ENSG0000(	96.10544	28.65474	1.7242	6.60E-09	2.84E-08	VMAC	chr19	+	5904869	5910864	2254
ENSG0000(	90.57155	140.5681	-0.63478	0.006572	0.014293	TMSB4XP8	chr4	-	91759652	91760263	565
ENSG0000(	0.290301	0	0.4146	0.81455	NA	C5orf52	chr5	+	1.57E+08	1.57E+08	686
ENSG0000(	32.18975	1.545765	4.0934	6.23E-08	2.47E-07	WHAMMP3	chr15	-	23187728	23208737	3649
ENSG0000(	21.04715	131.2893	-2.6089	1.67E-18	1.31E-17	ERC2	chr3	-	55542336	56502391	6138
ENSG0000(	266.1805	89.45857	1.568	3.62E-16	2.52E-15	B3GALTL	chr13	+	31774073	31906413	4254
ENSG0000(	6443.182	3996.598	0.68868	4.37E-12	2.37E-11	SPRY4	chr5	-	1.42E+08	1.42E+08	4938
ENSG0000(	0.290301	0.715414	-0.50514	0.77701	NA	ERAS	chrX	+	48687283	48688548	1266
ENSG0000(	3.443352	1.652581	0.95854	0.39362	0.49805	RP11-687M	chr11	+	1.25E+08	1.25E+08	3338
ENSG0000(	146.4975	13.66986	3.3533	2.76E-17	2.05E-16	TRPV2	chr17	+	16318856	16340317	2808
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AMTN	chr4	+	71384257	71398459	1037
ENSG0000(	0	5.941033	-4.1676	0.002037	0.004815	CXorf67	chrX	+	51149767	51151687	1921
ENSG0000(	1.742621	7.097537	-1.8506	0.088239	0.14534	RP11-723C	chr3	-	1.29E+08	1.29E+08	2291
ENSG0000(	28.77387	22.12612	0.37951	0.3728	0.47717	C2orf88	chr2	+	1.91E+08	1.91E+08	4035
ENSG0000(	750.3423	1003.383	-0.41918	0.000294	0.000789	TMEM203	chr9	-	1.4E+08	1.4E+08	1557
ENSG0000(	36.06815	1.058552	4.8513	5.10E-09	2.21E-08	SLC18A3	chr10	+	50818347	50820765	2419
ENSG0000(	0.685084	0.343138	0.48017	0.78775	NA	KBTBD12	chr3	+	1.28E+08	1.28E+08	5727
ENSG0000(	380.4654	264.4517	0.52284	0.002849	0.00659	THSD4	chr15	+	71389291	72075722	9200
ENSG0000(	2.032108	4.273883	-0.87419	0.48929	0.5933	DNAJB13	chr11	+	73661364	73681411	1875
ENSG0000(	0	27.40115	-6.358	4.85E-08	1.94E-07	GABRD	chr1	+	1950780	1962192	1913
ENSG0000(	1474.04	2986.693	-1.0178	1.26E-22	1.19E-21	TCEA1	chr8	-	54879112	54935089	2966
ENSG0000(	1.390706	1.294874	0.055822	0.96861	0.98241	NHEJ1	chr2	-	2.2E+08	2.2E+08	2113
ENSG0000(	652.3381	680.2891	-0.06084	0.61411	0.70605	FANCA	chr16	-	89803957	89883065	5451
ENSG0000(	746.6141	1590.517	-1.0902	9.69E-21	8.45E-20	SECISBP2	chr9	+	91933421	91974557	5405
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	OR52B6	chr11	+	5602107	5603114	1008
ENSG0000(	1.233984	0.594029	0.68982	0.67984	NA	C9orf153	chr9	-	88835180	88874572	1845
ENSG0000(	0.943682	0	1.2438	0.48556	NA	ADH1A	chr4	-	1E+08	1E+08	1499
ENSG0000(	1.359003	0.357707	1.3815	0.39154	NA	RP11-527B	chr6	+	34991299	34991608	310
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	OR2B7P	chr6	+	28014212	28015145	934
ENSG0000(	313.77	1291.732	-2.037	2.98E-50	6.88E-49	SEMA4D	chr9	-	91975702	92113045	5684
ENSG0000(	88.79144	2083.398	-4.5402	1.70E-139	1.65E-137	LIN28B	chr6	+	1.05E+08	1.06E+08	5505
ENSG0000(	0.870904	3.916176	-1.7519	0.17862	0.26257	FAM69C	chr18	-	72102963	72125179	2013
ENSG0000(	57.67283	52.72066	0.12774	0.68805	0.76743	DNAH17	chr17	-	76419778	76573476	13792
ENSG0000(	1189.251	1641.27	-0.4637	0.000613	0.00157	MCRS1	chr12	-	49950327	49961936	2450
ENSG0000(	0.632843	0.715414	-0.08242	0.96193	NA	TMEM72	chr10	+	45406648	45432450	3009
ENSG0000(	13.50625	0.640152	3.9193	0.000175	0.000483	SCXB	chr8	+	1.45E+08	1.45E+08	606
ENSG0000(	163.8514	145.1006	0.17681	0.43104	0.53657	FANCM	chr14	+	45605143	45670093	7111
ENSG0000(	315.7908	75.16883	2.0651	1.40E-25	1.50E-24	ZNF70	chr22	-	24083769	24093279	4020
ENSG0000(	196.9037	106.0005	0.89225	5.31E-05	0.000156	CARD9	chr9	-	1.39E+08	1.39E+08	4574
ENSG0000(	277.6238	25.22336	3.4224	4.57E-32	6.31E-31	PEAR1	chr1	+	1.57E+08	1.57E+08	4970
ENSG0000(	123.8525	102.9601	0.26416	0.19547	0.2834	ZFP69B	chr1	+	40915774	40929390	2382

ENSG0000(	2.302685	145.546	-5.8147	5.64E-24	5.65E-23	SOWAHD	chrX	+	1.19E+08	1.19E+08	1589
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AP000867.	chr11	-	71292956	71318487	3516
ENSG0000(	0	2.08555	-2.222	0.20032	0.289	RP11-24M:	chr15	+	76067894	76079239	2071
ENSG0000(	144.5605	74.51747	0.95075	5.06E-05	0.000149	ZFP69	chr1	+	40942887	40962015	2871
ENSG0000(	0	4.982849	-3.546	0.024886	0.048065	HELT	chr4	+	1.86E+08	1.86E+08	1099
ENSG0000(	0	5.04999	-3.9028	0.00513	0.01141	ZCCHC16	chrX	+	1.12E+08	1.12E+08	2747
ENSG0000(	30.82138	41.00932	-0.40799	0.25749	0.35511	TMEM220	chr17	-	10602332	10633633	3106
ENSG0000(	0.342542	7.902782	-3.6673	0.00654	0.014237	C2orf78	chr2	+	74011316	74044274	3045
ENSG0000(	238.7346	436.0202	-0.86879	3.46E-09	1.52E-08	HIST1H1C	chr6	-	26055968	26056699	732
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	PLSCR3	chr17	-	7293046	7307416	2557
ENSG0000(	1730.736	2095.287	-0.27531	0.021318	0.041809	EIF4EBP1	chr8	+	37887859	37917883	1020
ENSG0000(	1.774324	23.6929	-3.6003	7.20E-06	2.35E-05	P2RX2	chr12	+	1.33E+08	1.33E+08	1867
ENSG0000(	50.72607	106.7945	-1.0689	4.65E-05	0.000138	CCDC157	chr22	+	30752624	30774647	4789
ENSG0000(	3.879211	0.343138	2.7794	0.047285	0.084757	TTC24	chr1	+	1.57E+08	1.57E+08	2005
ENSG0000(	235.2299	286.0667	-0.27946	0.13904	0.2127	FAM122A	chr9	+	71394964	71398609	3646
ENSG0000(	623.8903	1054.602	-0.75695	5.62E-07	2.05E-06	PALM3	chr19	-	14164177	14169971	2262
ENSG0000(	0.290301	0	0.4146	0.81455	NA	C1orf168	chr1	-	57184477	57285369	3135
ENSG0000(	0.290301	0	0.4146	0.81455	NA	CXXC1P1	chrX	+	47566590	47612855	1897
ENSG0000(	6.378881	25.71373	-1.9394	0.000495	0.001287	SHISA7	chr19	-	55940107	55954230	6033
ENSG0000(	1.794862	2.087966	-0.18389	0.8985	0.9296	AC097382.	chr4	+	6997068	7000685	591
ENSG0000(	3.745632	2.324288	0.61032	0.56466	0.66259	DMBT1	chr10	+	1.24E+08	1.24E+08	7686
ENSG0000(	0.632843	1.966581	-1.2259	0.41897	0.52432	CLEC17A	chr19	+	14693896	14721969	2065
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	LCN10	chr9	-	1.4E+08	1.4E+08	3262
ENSG0000(	4.346772	4.066699	0.094228	0.91628	0.94331	LDLRAD2	chr1	+	22138758	22151714	4012
ENSG0000(	6.463638	0	4.2525	0.001691	0.004049	C2orf66	chr2	-	1.98E+08	1.98E+08	1669
ENSG0000(	0.342542	1.387121	-1.2841	0.44822	NA	OVCH1	chr12	-	29565407	29650619	3405
ENSG0000(	186.9586	143.2597	0.38252	0.040435	0.074054	ARHGAP11	chr15	+	30916697	31060329	2043
ENSG0000(	1.411244	5.271743	-1.7451	0.10942	0.1742	HS6ST1P1	chr1	+	21754796	21756030	1234
ENSG0000(	125.0676	147.5264	-0.24011	0.21115	0.30143	PMS2CL	chr7	+	6749759	6793493	3327
ENSG0000(	1144.223	1063.222	0.1057	0.42191	0.52745	CYHR1	chr8	-	1.46E+08	1.46E+08	6158
ENSG0000(	1068.161	383.8206	1.4767	1.21E-29	1.52E-28	COL14A1	chr8	+	1.21E+08	1.21E+08	6466
ENSG0000(	52.84554	24.15098	1.1159	0.001591	0.003822	DNER	chr2	-	2.3E+08	2.31E+08	3260
ENSG0000(	0.290301	0.891044	-0.7342	0.68015	NA	CPSF4L	chr17	-	71244588	71258491	1275
ENSG0000(	358.3975	515.6012	-0.52262	0.015929	0.032096	KLHL17	chr1	+	895967	901095	2560
ENSG0000(	0.342542	1.043983	-0.98163	0.56849	NA	AC008079.	chr22	-	18660805	18688682	1859
ENSG0000(	0	1.727843	-1.9772	0.25933	NA	PLA2G2C	chr1	-	20487746	20503917	3249
ENSG0000(	6.649458	74.20031	-3.4223	3.80E-12	2.07E-11	ANKRD19P	chr9	+	95571670	95650975	2370
ENSG0000(	38.33057	44.24821	-0.21092	0.51714	0.6199	ZSCAN23	chr6	-	28399707	28411279	3126
ENSG0000(	6.515065	9.265597	-0.48124	0.50499	0.60835	HIST1H2BG	chr6	-	26216428	26216872	445
ENSG0000(	25.81862	193.8206	-2.8816	3.31E-19	2.68E-18	RINL	chr19	-	39358470	39368919	3021
ENSG0000(	0.36308	0	0.4146	0.81455	NA	C17orf99	chr17	+	76142434	76162258	2404
ENSG0000(	0	3.526915	-3.3414	0.025042	0.048329	AC093393.	chr2	+	33861569	33862492	924
ENSG0000(	0.705622	0.654722	0.048733	0.97658	NA	OR7D2	chr19	+	9296279	9299493	3215
ENSG0000(	3.858673	8.978319	-1.1395	0.14905	0.22582	TPRG1	chr3	+	1.89E+08	1.89E+08	5479
ENSG0000(	0.705622	32.22852	-5.1466	2.67E-08	1.09E-07	RP11-43F1	chr5	-	1599035	1634120	2338
ENSG0000(	10.18694	0	4.906	0.000143	0.0004	C1orf204	chr1	-	1.6E+08	1.6E+08	2501
ENSG0000(	120.8125	48.54707	1.3099	3.76E-06	1.26E-05	MORN2	chr2	+	39103103	39156213	919
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	CXXC11	chr2	+	2.43E+08	2.43E+08	2602
ENSG0000(	0	10.22949	-4.9869	6.47E-05	0.000189	MEIS3P2	chr17	+	20492371	20494013	1643
ENSG0000(	43.56976	0.686276	5.5681	7.24E-10	3.38E-09	S100A3	chr1	-	1.54E+08	1.54E+08	856
ENSG0000(	1546.733	806.888	0.93748	4.32E-16	3.00E-15	UBQLN2	chrX	+	56590026	56593443	3418
ENSG0000(	343.2537	166.7224	1.03	0.004395	0.009869	RILPL1	chr12	-	1.24E+08	1.24E+08	2608
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	CTSL3P	chr9	+	90387368	90401799	788
ENSG0000(	2.044087	2.041842	-0.0009	0.9994	0.99973	C19orf67	chr19	-	14192431	14196687	1427
ENSG0000(	19.69075	27.18014	-0.45057	0.33826	0.44204	ZNF490	chr19	-	12688775	12750912	4237
ENSG0000(	4.75272	16.01758	-1.697	0.018797	0.03733	CLCN1	chr7	+	1.43E+08	1.43E+08	3172
ENSG0000(	0.36308	0.640152	-0.51156	0.77091	NA	NWD1	chr19	+	16830787	16928774	8393
ENSG0000(	4586.094	598.8863	2.9261	9.93E-43	1.87E-41	ARL4C	chr2	-	2.35E+08	2.35E+08	4013
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RNF133	chr7	-	1.22E+08	1.22E+08	1445
ENSG0000(	3.745632	31.67907	-2.9949	6.11E-06	2.02E-05	TMEM221	chr19	-	17546318	17559376	1930
ENSG0000(	1.233984	0	1.5686	0.37707	NA	TREML4	chr6	+	41196062	41206620	2304
ENSG0000(	122.4335	96.59102	0.33769	0.15095	0.22838	RAB42	chr1	+	28918712	28921955	1950
ENSG0000(	898.5714	4.989297	7.4094	5.77E-82	2.50E-80	WNT7B	chr22	-	46316242	46373009	3919
ENSG0000(	1253.374	1511.505	-0.26946	0.10464	0.1677	C11orf95	chr11	-	63527364	63536113	5582
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	SCGB1C1	chr11	+	193080	194573	431

ENSG0000(	0	7.409121	-4.401	0.00134	0.003259	PRSS45	chr3	-	46783582	46854048	3128
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	PLA2G4E	chr15	-	42273780	42343388	5266
ENSG0000(	22.79417	27.69971	-0.27888	0.53051	0.63191	GPR89B	chr1	+	1.47E+08	1.47E+08	2701
ENSG0000(	11.21375	17.13441	-0.59794	0.29116	0.39294	MESP2	chr15	+	90303822	90321982	1552
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	FAM25A	chr10	+	88780063	88784487	345
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	ALOX15P2	chr9	+	95675438	95683842	1897
ENSG0000(	17.61578	15.7432	0.1604	0.82631	0.87768	EYS	chr6	-	64429876	66417118	10589
ENSG0000(	6.225578	1681.015	-8.0492	3.78E-105	2.35E-103	C6orf132	chr6	-	42068856	42110357	6210
ENSG0000(	0.342542	0	0.4146	0.81455	NA	DAZ1	chrY	-	25275502	25345241	4421
ENSG0000(	0.342542	0.640152	-0.50911	0.77219	NA	OR2AG2	chr11	-	6789218	6790286	1069
ENSG0000(	852.8384	451.8576	0.91496	4.46E-12	2.42E-11	MAPK12	chr22	-	50683879	50700254	6248
ENSG0000(	0.870904	4.349145	-1.8951	0.13252	0.20497	TMEM215	chr9	+	32783497	32787397	3581
ENSG0000(	48.61262	55.78956	-0.20515	0.49392	0.59782	NUTMG	chr9	+	99690592	99702535	2851
ENSG0000(	485.1363	521.456	-0.10367	0.39999	0.50463	COL4A5	chrX	+	1.08E+08	1.08E+08	6483
ENSG0000(	0	1.888903	-2.3653	0.15293	NA	KRTAP10-6	chr21	-	46011149	46012386	1238
ENSG0000(	23380.5	7587.622	1.6214	6.94E-37	1.12E-35	AGRN	chr1	+	955503	991496	7323
ENSG0000(	133.5309	143.2858	-0.10666	0.67747	0.75844	NHS	chrX	+	17393543	17754114	8761
ENSG0000(	0	29.58707	-6.4612	2.69E-08	1.10E-07	OTOG	chr11	+	17568920	17668697	9953
ENSG0000(	1.286224	0	1.8436	0.2818	NA	FAM166A	chr9	-	1.4E+08	1.4E+08	1720
ENSG0000(	65.29686	61.60907	0.083436	0.77837	0.8408	TMPPE	chr3	-	33131913	33138293	3962
ENSG0000(	36.62821	185.7872	-2.327	3.86E-20	3.27E-19	ZNF626	chr19	-	20802867	20844402	5963
ENSG0000(	0.580602	73.60474	-6.2407	4.23E-11	2.15E-10	SMTNL2	chr17	+	4487294	4511614	2280
ENSG0000(	176.2499	247.7612	-0.48438	0.267	0.36564	ZC3H6	chr2	+	1.13E+08	1.13E+08	11540
ENSG0000(	77.945	144.1476	-0.88939	0.000292	0.000783	LINC00265	chr7	+	39773231	39832691	3049
ENSG0000(	690.4924	1161.932	-0.74971	3.16E-10	1.51E-09	LAMTOR4	chr7	+	99746530	99753567	730
ENSG0000(	196.3269	858.8692	-2.12	2.54E-25	2.69E-24	PRKAR1B	chr7	-	588834	767287	2553
ENSG0000(	20.15392	6.05597	1.6581	0.009683	0.020407	NUTM2B	chr10	+	81462983	81474437	3970
ENSG0000(	57.55441	111.9142	-0.95893	0.001574	0.003784	HNRNPU-A	chr1	-	2.45E+08	2.45E+08	5007
ENSG0000(	598.7688	33.3826	4.1516	1.98E-92	1.02E-90	NCR3LG1	chr11	+	17373273	17398888	6438
ENSG0000(	169.2984	119.5142	0.49723	0.013368	0.027388	DCUN1D3	chr16	-	20869396	20911706	3013
ENSG0000(	47.79412	226.8474	-2.2366	6.15E-21	5.40E-20	ZNF793	chr19	+	37997841	38039664	6712
ENSG0000(	6936.354	5964.952	0.21751	0.075521	0.12719	TUBB4B	chr9	+	1.4E+08	1.4E+08	2035
ENSG0000(	52.09803	46.04232	0.18015	0.5516	0.65123	AGAP4	chr10	-	46321042	46349323	2439
ENSG0000(	100.2063	125.1317	-0.31836	0.25385	0.35088	CTD-2228K	chr5	-	466239	473213	1876
ENSG0000(	449.3048	407.2776	0.14229	0.32624	0.42914	COMMD6	chr13	-	76099350	76123575	1793
ENSG0000(	0	42.40556	-6.9355	1.79E-09	8.09E-09	PLA2G2A	chr1	-	20301925	20306932	1306
ENSG0000(	0.580602	5.877925	-2.6936	0.039736	0.072947	IL17REL	chr22	-	50432942	50451088	3668
ENSG0000(	6.608382	13.37929	-0.98333	0.15517	0.23368	AGPHD1	chr15	+	78799906	78829714	2180
ENSG0000(	58.8743	23.66377	1.3061	0.000147	0.00041	C15orf62	chr15	+	41062159	41064643	2485
ENSG0000(	0.342542	0	0.4146	0.81455	NA	FAM25C	chr10	-	49199649	49207818	301
ENSG0000(	1.016461	4.460793	-1.586	0.30673	0.40826	FAM230A	chr22	+	20692438	20716938	8854
ENSG0000(	0	2.24661	-2.6365	0.10117	0.16301	RUFY4	chr2	+	2.19E+08	2.19E+08	3568
ENSG0000(	65.71976	46.45595	0.48961	0.11343	0.17987	ZNF383	chr19	+	37708828	37734828	2268
ENSG0000(	44.02535	96.30567	-1.1062	0.031918	0.059955	HES4	chr1	-	934342	935552	1040
ENSG0000(	103.6711	177.3616	-0.77402	0.000498	0.001293	ZNF669	chr1	-	2.47E+08	2.47E+08	1951
ENSG0000(	13.40258	4.112823	1.6592	0.019959	0.039401	C19orf35	chr19	-	2274631	2282181	2564
ENSG0000(	0.923144	2.324288	-1.0627	0.43135	0.53685	LRRIQ4	chr3	+	1.7E+08	1.7E+08	1827
ENSG0000(	228.7331	123.1091	0.8899	5.48E-06	1.81E-05	CENPP	chr9	+	95087766	95382815	8766
ENSG0000(	486.0503	534.1213	-0.13596	0.25877	0.35658	PLSCR1	chr3	-	1.46E+08	1.46E+08	2233
ENSG0000(	135.3582	55.58795	1.2807	9.83E-08	3.84E-07	C3orf62	chr3	-	49306035	49315342	4235
ENSG0000(	10.86102	5.125251	1.0562	0.16838	0.25002	ENO4	chr10	+	1.19E+08	1.19E+08	2779
ENSG0000(	91.60774	137.5629	-0.57974	0.024292	0.047016	ZNF559	chr19	+	9434448	9461838	3042
ENSG0000(	473.3184	6469.769	-3.7643	1.50E-119	1.17E-117	SBK1	chr16	+	28303840	28335170	4992
ENSG0000(	3.059734	23.7787	-2.7765	0.000104	0.000296	SLC38A3	chr3	+	50242679	50258411	2470
ENSG0000(	439.7327	560.9363	-0.35061	0.016973	0.034	GTF2F2	chr13	+	45694650	45858237	1432
ENSG0000(	443.4553	319.5668	0.47308	0.000375	0.000989	FAM92A1	chr8	+	94710789	94743755	4241
ENSG0000(	978.0225	748.7133	0.3847	0.001735	0.004148	FOCAD	chr9	+	20658308	20995954	6096
ENSG0000(	4.242291	7.501368	-0.7773	0.34206	0.44599	AC092171.	chr7	+	5459477	5462753	753
ENSG0000(	23.45692	57.60965	-1.2883	0.00013	0.000365	PRR19	chr19	+	42806250	42814973	1956
ENSG0000(	17.94715	27.03291	-0.58271	0.25517	0.35238	ZP3	chr7	+	76026835	76071388	1846
ENSG0000(	1.265686	0.98329	0.28495	0.85202	0.89596	H3F3C	chr12	-	31944123	31945175	1053
ENSG0000(	2.261609	26.98517	-3.4129	1.39E-06	4.90E-06	AC018892.	chr2	+	97746835	97748986	1056
ENSG0000(	0.632843	1.340997	-0.8078	0.58998	0.68516	RP11-152F	chr15	+	82751614	82769399	4809
ENSG0000(	10.71709	37.54397	-1.7911	5.31E-05	0.000156	JAKMIP3	chr10	+	1.34E+08	1.34E+08	6626
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	PPP3R2	chr9	-	1.04E+08	1.04E+08	3387

ENSG0000(	0.290301	0.654722	-0.51764	0.76892	NA	GOLGA6L3	chr15	+	85783703	85790410	1679
ENSG0000(	0	1.326428	-1.6486	0.3523	NA	PDCD1	chr2	-	2.43E+08	2.43E+08	2114
ENSG0000(	1.338465	0.700845	0.74183	0.61989	0.71075	GPR21	chr9	+	1.26E+08	1.26E+08	1170
ENSG0000(	14.61684	3.025133	2.1784	0.00327	0.007497	TCTEX1D4	chr1	-	45271585	45272957	1262
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	ANKRD36P	chrY	+	28555962	28566682	659
ENSG0000(	7.087108	0.297015	3.6212	0.005843	0.012837	SELL	chr1	-	1.7E+08	1.7E+08	2436
ENSG0000(	384.4149	195.5025	0.9752	8.89E-06	2.87E-05	CHM	chrX	-	85116185	85302566	5442
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	NANOS2	chr19	-	46416475	46418036	1562
ENSG0000(	123.1152	169.9576	-0.46468	0.015445	0.031205	BLOC1S5	chr6	-	8013800	8064647	2684
ENSG0000(	3.76617	4.167067	-0.16521	0.86158	0.90321	SRP72P2	chr6	-	1.59E+08	1.59E+08	1979
ENSG0000(	224.0403	6.301156	5.0956	4.73E-40	8.31E-39	CERKL	chr2	-	1.82E+08	1.83E+08	3208
ENSG0000(	0.342542	10.23593	-4.1261	0.000878	0.0022	WASF4P	chrX	+	47657325	47664188	1878
ENSG0000(	8.362168	39.98635	-2.2208	6.72E-06	2.20E-05	SLC24A5	chr15	+	48413169	48434869	2984
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	AC003003.	chr16	+	19316203	19322269	2381
ENSG0000(	1844.764	203.4263	3.1625	9.39E-34	1.38E-32	IER5L	chr9	-	1.32E+08	1.32E+08	2706
ENSG0000(	2971.669	5003.61	-0.75053	1.21E-08	5.11E-08	H2AFX	chr11	-	1.19E+08	1.19E+08	1614
ENSG0000(	0.685084	7.201937	-2.7361	0.049948	0.088884	INSC	chr11	+	15133970	15268754	2954
ENSG0000(	1.866827	15.29404	-2.8158	0.000487	0.001267	SERPINA5	chr14	+	95027779	95059457	2312
ENSG0000(	145.1419	881.0308	-2.5985	7.97E-65	2.59E-63	C19orf54	chr19	-	41246761	41257458	2753
ENSG0000(	64.85514	49.71734	0.38936	0.22732	0.32037	LCTL	chr15	-	66839517	66858317	3147
ENSG0000(	0	20.95834	-5.9898	4.05E-07	1.50E-06	NCCRP1	chr19	+	39687601	39692524	1978
ENSG0000(	0	3.039702	-3.1087	0.041329	0.075412	KRTDAP	chr19	-	35978226	35986460	491
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	C22orf34	chr22	-	49808176	50051190	2816
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	RP1-273G1	chr8	-	33827079	33827397	318
ENSG0000(	2781.424	87.40948	4.9823	3.92E-262	1.43E-259	COL25A1	chr4	-	1.1E+08	1.1E+08	4630
ENSG0000(	380.1927	908.1024	-1.2538	3.89E-12	2.12E-11	FAM83G	chr17	-	18872102	18908117	5266
ENSG0000(	5.488253	21.59607	-1.9227	0.005574	0.012292	C9orf171	chr9	+	1.35E+08	1.35E+08	1818
ENSG0000(	2031.005	2422.543	-0.25344	0.19601	0.28403	SRSF10	chr1	-	24291294	24307417	3957
ENSG0000(	0	3.305162	-3.2461	0.030518	0.057606	HBA2	chr16	+	222846	223709	640
ENSG0000(	35.94313	36.29931	-0.01581	0.96492	0.97964	DUSP28	chr2	+	2.41E+08	2.42E+08	3461
ENSG0000(	106.2214	16.8431	2.6049	6.15E-09	2.65E-08	C15orf52	chr15	-	40623653	40633168	5021
ENSG0000(	1780.244	1217.924	0.54653	0.002135	0.00503	NBR1	chr17	+	41322498	41363708	4973
ENSG0000(	245.7227	556.9376	-1.177	8.99E-15	5.82E-14	RALGAPA2	chr20	-	20370196	20693266	8769
ENSG0000(	421.6845	594.5503	-0.49398	0.00541	0.01197	NDOR1	chr9	+	1.4E+08	1.4E+08	2497
ENSG0000(	3.910914	58.75245	-3.8077	2.38E-12	1.32E-11	FBLL1	chr5	+	1.68E+08	1.68E+08	1519
ENSG0000(	1.45232	1.577319	-0.11532	0.94216	0.96249	NKAIN2	chr6	+	1.24E+08	1.25E+08	3115
ENSG0000(	0.36308	0	0.4146	0.81455	NA	KRTAP1-1	chr17	-	39196811	39197713	903
ENSG0000(	6.28817	32.37421	-2.2883	0.000275	0.00074	PAQR9	chr3	-	1.43E+08	1.43E+08	2103
ENSG0000(	6.535603	0	4.3091	0.001214	0.002971	C12orf55	chr12	+	96883349	97040905	2756
ENSG0000(	15.28139	19.37128	-0.34423	0.46168	0.56683	NPIPP1	chr16	-	15198178	15225458	2902
ENSG0000(	3.081086	4.654281	-0.57129	0.5892	0.68455	CLN3	chr16	-	28477983	28506896	3081
ENSG0000(	78.98551	291.2703	-1.8688	3.29E-11	1.69E-10	FAM72B	chr1	+	1.21E+08	1.21E+08	2374
ENSG0000(	13.19623	13.07899	0.018347	0.97281	0.98486	ASAH2	chr10	-	51944621	52008370	4797
ENSG0000(	1926.838	3066.923	-0.66986	4.11E-11	2.09E-10	SUMO2	chr17	-	73163408	73179078	1463
ENSG0000(	128.2771	225.3204	-0.81321	2.29E-05	7.04E-05	NANOS1	chr10	+	1.21E+08	1.21E+08	4627
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	HMX3	chr10	+	1.25E+08	1.25E+08	1173
ENSG0000(	66.92302	2.742687	4.5232	4.12E-15	2.72E-14	IGFL3	chr19	-	46623328	46627931	662
ENSG0000(	2.302685	2.679579	-0.18457	0.88001	0.91631	GOLGA8M	chr15	-	28947100	28983530	1899
ENSG0000(	0.923144	2.901332	-1.3549	0.29913	0.4008	ZNF177	chr19	+	9435021	9493293	2429
ENSG0000(	1322.538	854.6071	0.62971	2.68E-06	9.19E-06	LDOC1L	chr22	-	44888452	44894178	5495
ENSG0000(	268.0235	2.324288	6.676	2.14E-33	3.10E-32	DPYD	chr1	-	97543299	98386605	4412
ENSG0000(	3300.881	122.3355	4.7407	4.38E-149	4.98E-147	S100A16	chr1	-	1.54E+08	1.54E+08	1146
ENSG0000(	861.1312	1300.221	-0.5935	4.73E-08	1.90E-07	PTAR1	chr9	-	72324438	72374875	9876
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	CC2D2B	chr10	+	97733786	97792441	2467
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	RNASE9	chr14	-	21024252	21029090	2703
ENSG0000(	27.56384	31.488	-0.18847	0.62387	0.71424	FAM154B	chr15	+	82555151	82577271	3134
ENSG0000(	6.454265	3.083409	0.98351	0.32165	0.42452	LINC00319	chr21	+	44866481	44873773	3507
ENSG0000(	8.744972	0.715414	3.245	0.004148	0.009348	HILS1	chr17	-	48248789	48258539	1219
ENSG0000(	15.70527	5.208634	1.5279	0.02055	0.04042	RHCE	chr1	-	25688740	25756683	1810
ENSG0000(	0	2.058828	-1.8947	0.28782	0.38931	C2orf80	chr2	-	2.09E+08	2.09E+08	1238
ENSG0000(	0	1.995719	-2.4883	0.12386	0.19391	IDO2	chr8	+	39792133	39873910	4264
ENSG0000(	359.1338	222.5545	0.6871	0.00054	0.001394	PARVB	chr22	+	44395091	44565106	1706
ENSG0000(	78.93392	99.54325	-0.33298	0.20847	0.29845	TEKT4P2	chr21	-	9907190	9968585	2180
ENSG0000(	34.61941	0	6.6969	4.00E-09	1.75E-08	SCXA	chr8	+	1.45E+08	1.45E+08	999
ENSG0000(	2.894453	9.871779	-1.66	0.038419	0.070828	SLC4A5	chr2	-	74443369	74570541	6576

ENSG0000(	703.2821	323.3419	1.1205	2.06E-11	1.07E-10	UROS	chr10	-	1.27E+08	1.28E+08	1556
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-451K	chr11	-	5988407	5989724	940
ENSG0000(	0.995923	4.495636	-1.9074	0.10764	0.17188	CTB-161K2	chr7	+	91763918	91810039	2957
ENSG0000(	1001.15	668.9929	0.58106	0.000182	0.000501	ZDHHC9	chrX	-	1.29E+08	1.29E+08	4569
ENSG0000(	0	4.443808	-3.5281	0.020694	0.040677	C7orf29	chr7	+	1.5E+08	1.5E+08	2871
ENSG0000(	5.394936	2.69898	0.89009	0.42523	0.53056	QRFP	chr9	-	1.34E+08	1.34E+08	411
ENSG0000(	3.495593	1.248751	1.2634	0.29894	0.40069	DUPD1	chr10	-	76797594	76818272	663
ENSG0000(	0	8.903057	-4.7662	0.000198	0.000543	AL391005.	chr10	-	1.3E+08	1.3E+08	645
ENSG0000(	558.7373	348.2156	0.68156	3.75E-05	0.000113	SMIM15	chr5	-	60453536	60458301	2889
ENSG0000(	0	1.073121	-1.1788	0.50551	NA	OSTN	chr3	+	1.91E+08	1.91E+08	3134
ENSG0000(	45.98614	170.7031	-1.8814	9.23E-09	3.93E-08	VWC2	chr7	+	49813257	49952138	1891
ENSG0000(	17.64487	170.4822	-3.2403	7.46E-23	7.15E-22	FAM221A	chr7	+	23719749	23742868	4154
ENSG0000(	660.991	663.2088	-0.00606	0.97158	0.98431	TMEM120E	chr12	+	1.22E+08	1.22E+08	7461
ENSG0000(	29.61909	22.39474	0.40347	0.37051	0.47505	FSIP2	chr2	+	1.87E+08	1.87E+08	21054
ENSG0000(	8.932419	7.532922	0.21536	0.76682	0.8314	RBM34	chr1	-	2.35E+08	2.35E+08	2054
ENSG0000(	5.446363	56.10692	-3.2446	1.29E-07	5.00E-07	NOXA1	chr9	+	1.4E+08	1.4E+08	1678
ENSG0000(	29.82041	105.8169	-1.7936	2.73E-07	1.03E-06	TMEM198	chr2	+	2.2E+08	2.2E+08	2393
ENSG0000(	3.382552	0.997859	1.521	0.20681	0.29652	BCL2L15	chr1	-	1.14E+08	1.14E+08	4041
ENSG0000(	100.9926	84.36669	0.25838	0.4459	0.55134	FZD9	chr7	+	72848109	72850450	2342
ENSG0000(	235.1838	39.63522	2.5586	1.28E-27	1.49E-26	SPRED3	chr19	+	38879061	38886881	1539
ENSG0000(	0	4.351561	-3.61	0.013975	0.028493	OPTC	chr1	+	2.03E+08	2.03E+08	1359
ENSG0000(	1.431782	2.367995	-0.63155	0.63436	0.72301	C11orf34	chr11	-	1.12E+08	1.12E+08	1541
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	ADRB3	chr8	-	37820516	37824483	2943
ENSG0000(	19.73102	13.88262	0.50063	0.35589	0.46019	SKOR1	chr15	+	68112042	68126899	3675
ENSG0000(	0	9.551331	-4.8323	0.000196	0.000538	CATSPER4	chr1	+	26517052	26529459	1912
ENSG0000(	0.685084	6.564201	-2.8233	0.020649	0.040602	PRELP	chr1	+	2.03E+08	2.03E+08	5747
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	PLA2G2E	chr1	-	20246502	20250110	785
ENSG0000(	90.51254	104.3382	-0.20529	0.34595	0.45002	ZNF548	chr19	+	57901218	57912786	3381
ENSG0000(	324.6661	296.026	0.13498	0.36232	0.46653	MTF1	chr1	-	38275239	38325292	7972
ENSG0000(	0.72616	0	0.85004	0.63064	NA	TMCO2	chr1	+	40711619	40717363	739
ENSG0000(	7.002351	51.77469	-2.8039	3.27E-08	1.33E-07	ZNF322P1	chr9	-	99959537	99961910	2374
ENSG0000(	885.2593	54.9925	3.9818	6.51E-56	1.72E-54	SHISA6	chr17	+	11144580	11467380	7575
ENSG0000(	608.4047	790.2895	-0.37578	0.014019	0.028569	TMEM201	chr1	+	9648932	9674935	3851
ENSG0000(	290.6316	269.556	0.10655	0.56037	0.65905	NHLRC3	chr13	+	39612443	39624246	3549
ENSG0000(	0	17.60538	-5.6976	3.20E-06	1.09E-05	HMX2	chr10	+	1.25E+08	1.25E+08	1628
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	SNTN	chr3	+	63638344	63664696	3746
ENSG0000(	12.41701	105.7611	-3.03	7.63E-16	5.24E-15	ZDHHC11	chr5	-	710471	851101	3923
ENSG0000(	2.520208	5.037837	-0.87949	0.40283	0.50755	FAM26F	chr6	+	1.17E+08	1.17E+08	1109
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CNR2	chr1	-	24197016	24285549	5350
ENSG0000(	6.588658	20.90093	-1.5838	0.061736	0.10695	CTD-3014M	chr17	-	41447213	41466567	2890
ENSG0000(	638.4566	666.0453	-0.06162	0.70742	0.78249	SLX4	chr16	-	3631182	3661599	7307
ENSG0000(	0.705622	5.819648	-2.7028	0.022244	0.043455	GLRA4	chrX	-	1.03E+08	1.03E+08	1837
ENSG0000(	0	1.294874	-1.8547	0.27869	NA	DPPA3P2	chr14	+	36840370	36841588	1219
ENSG0000(	4.326234	21.79514	-2.2599	0.000517	0.00134	ENTPD8	chr9	-	1.4E+08	1.4E+08	2836
ENSG0000(	8012.73	12202.03	-0.606	2.16E-07	8.20E-07	RPL14	chr3	+	40498783	40503861	966
ENSG0000(	0	1676.831	-11.839	1.69E-28	2.03E-27	BEND4	chr4	-	42112955	42154895	8765
ENSG0000(	50.13528	166.5306	-1.7189	1.02E-07	3.98E-07	RPSAP47	chr8	+	81471105	81471992	888
ENSG0000(	1.161205	38.17929	-4.6186	8.43E-09	3.60E-08	FAM78B	chr1	-	1.66E+08	1.66E+08	4399
ENSG0000(	0.705622	45.79392	-5.6172	8.66E-10	4.02E-09	ZNF563	chr19	-	12428291	12444534	2754
ENSG0000(	8.661028	1.638012	2.2257	0.016156	0.032507	TMC3	chr15	-	81623558	81666554	4644
ENSG0000(	0.995923	1.713273	-0.63548	0.63896	0.72652	RPL10AP2	chr8	+	48068741	48069394	654
ENSG0000(	48.65565	84.34084	-0.78587	0.043704	0.079155	FBF1	chr17	-	73905655	73937221	4825
ENSG0000(	0.36308	322.9536	-8.8775	3.15E-20	2.68E-19	KLRG2	chr7	-	1.39E+08	1.39E+08	2197
ENSG0000(	0	14.80609	-5.4889	7.33E-06	2.39E-05	ASTL	chr2	-	96789589	96804175	1296
ENSG0000(	0.36308	2.65044	-2.2672	0.12181	0.19125	GPR179	chr17	-	36481413	36499730	7980
ENSG0000(	1988.64	1370.214	0.53643	4.08E-06	1.37E-05	MSL1	chr17	+	38278551	38293040	3424
ENSG0000(	13.79818	215.3861	-3.9344	1.37E-24	1.42E-23	CTD-3088G	chr16	-	11453702	11617444	7627
ENSG0000(	5.829981	5.926464	-0.01654	0.98253	0.99015	LRRK2	chr12	+	40590546	40763087	9158
ENSG0000(	0.870904	0.343138	0.71634	0.68735	NA	BSX	chr11	-	1.23E+08	1.23E+08	830
ENSG0000(	0.923144	8.348704	-2.8032	0.00836	0.017812	GJB3	chr1	+	35246790	35251970	2217
ENSG0000(	44.27701	19.7306	1.1512	0.008011	0.017119	FAM196A	chr10	-	1.29E+08	1.29E+08	4403
ENSG0000(	340.8372	366.9804	-0.10622	0.47982	0.58402	TRMT2B	chrX	-	1E+08	1E+08	3421
ENSG0000(	110.3736	41.25134	1.4069	4.43E-07	1.63E-06	PTPLAD2	chr9	-	20995306	21031635	4161
ENSG0000(	199.8425	129.254	0.62761	0.000303	0.000811	C1orf192	chr1	-	1.61E+08	1.61E+08	774
ENSG0000(	0.36308	5.698263	-3.2881	0.01503	0.030445	USP32P1	chr17	+	16689803	16719854	3846

ENSG0000(	0	13.69329	-5.3854	1.13E-05	3.60E-05	NYX	chrX	+	41306687	41334963	2713
ENSG0000(	484.7384	601.6434	-0.31037	0.078679	0.13165	FAM120AC	chr9	-	96208776	96215874	2771
ENSG0000(	3.672853	0.700845	2.0519	0.10814	0.17252	UTS2B	chr3	-	1.91E+08	1.91E+08	2395
ENSG0000(	4.512054	1.935026	1.1045	0.27708	0.37734	C9orf152	chr9	-	1.13E+08	1.13E+08	2717
ENSG0000(	448.4023	134.1115	1.7354	5.54E-29	6.78E-28	AAK1	chr2	-	69686414	69693664	3657
ENSG0000(	2197.681	3975.471	-0.85411	2.10E-17	1.57E-16	NOC2L	chr1	-	879584	894689	4201
ENSG0000(	10.02003	9.589333	0.069778	0.9099	0.93809	MSANTD1	chr4	+	3246096	3273465	3164
ENSG0000(	0	8.78812	-4.7138	0.000291	0.000781	AADACL3	chr1	+	12776118	12788726	3832
ENSG0000(	11.00658	44.99351	-1.987	3.54E-06	1.20E-05	DHFRP1	chr18	-	23749724	23751313	1474
ENSG0000(	2012.4	2809.162	-0.48066	0.000151	0.000421	NELFB	chr9	+	1.4E+08	1.4E+08	2698
ENSG0000(	2.023549	3.443532	-0.67278	0.56008	0.6588	HIST1H4D	chr6	-	26188938	26189304	367
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	SLC15A5	chr12	-	16341419	16430619	2923
ENSG0000(	6.109931	4.775666	0.30575	0.72861	0.79935	LIPI	chr21	-	15481134	15583166	1652
ENSG0000(	32.40727	4.629174	2.725	5.29E-06	1.75E-05	LRRC66	chr4	-	52859868	52883786	3327
ENSG0000(	801.1661	494.2728	0.69394	0.010049	0.021122	ZNF292	chr6	+	87862551	87973914	10610
ENSG0000(	1.960143	10.05386	-2.1844	0.016094	0.032392	HUS1B	chr6	-	655939	656963	1025
ENSG0000(	127.0706	30.40843	2.0512	2.03E-15	1.36E-14	KCTD21	chr11	-	77882295	77899868	3585
ENSG0000(	0.72616	2.635871	-1.5453	0.27238	0.37188	SBSN	chr19	-	36014269	36019253	1945
ENSG0000(	103.6001	135.5932	-0.38312	0.060975	0.10588	ADAT2	chr6	-	1.44E+08	1.44E+08	2065
ENSG0000(	1.733248	1.280305	0.31774	0.83004	0.88026	AC138783.	chr7	-	74702428	74714647	905
ENSG0000(	3.081086	5.782389	-0.85052	0.36623	0.4709	FAM35DP	chr10	+	47379727	47420712	2712
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	MAGEB16	chrX	+	35816459	35821852	1818
ENSG0000(	0.36308	0	0.4146	0.81455	NA	VHLL	chr1	-	1.56E+08	1.56E+08	1014
ENSG0000(	73.66237	133.6951	-0.84853	0.007541	0.016207	ZNF567	chr19	+	37178514	37218603	3734
ENSG0000(	1369.305	2436.721	-0.83026	4.66E-11	2.37E-10	NDUFA4	chr7	-	10971578	10979883	2130
ENSG0000(	2.531373	10.03929	-1.8296	0.036649	0.067881	ANKDD1B	chr5	+	74907284	74967671	2569
ENSG0000(	153.1849	170.3365	-0.15487	0.47745	0.58195	ALKBH2	chr12	-	1.1E+08	1.1E+08	1159
ENSG0000(	125.406	27.57833	2.168	1.11E-13	6.69E-13	RNFT1	chr17	-	58029601	58042122	2101
ENSG0000(	0.290301	2.915901	-2.2715	0.14941	0.22627	RNF222	chr17	-	8294022	8301144	3062
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CGB5	chr19	+	49547141	49548568	841
ENSG0000(	1.068702	15.27061	-3.6038	0.000151	0.000422	RELN	chr7	-	1.03E+08	1.04E+08	11571
ENSG0000(	183.1232	228.7767	-0.30916	0.64146	0.72843	FAM111B	chr11	+	58874658	58894883	3488
ENSG0000(	5.217676	0	3.962	0.004162	0.009375	APOD	chr3	-	1.95E+08	1.95E+08	1210
ENSG0000(	6282.212	7572.024	-0.26887	0.10444	0.16741	H1F0	chr22	+	38201114	38203442	2329
ENSG0000(	1194.099	938.1298	0.34701	0.002881	0.006658	LITAF	chr16	-	11641853	11730237	2357
ENSG0000(	0.290301	0.715414	-0.50514	0.77701	NA	VSTM1	chr19	-	54544079	54567207	1041
ENSG0000(	278.6771	172.0165	0.69327	0.000449	0.001175	TMEM120A	chr7	-	75616155	75623977	1456
ENSG0000(	774.6781	822.9576	-0.08637	0.45138	0.55694	ARID2	chr12	+	46123448	46301823	8642
ENSG0000(	3.071713	9.68158	-1.5731	0.064516	0.11115	RIMKLBP1	chr21	+	37422512	37423675	1164
ENSG0000(	3877.414	4888.858	-0.33393	0.003061	0.007046	SF3B3	chr16	+	70557691	70608820	6969
ENSG0000(	0.705622	4.091806	-2.0809	0.1366	0.20984	PRSS48	chr4	+	1.52E+08	1.52E+08	989
ENSG0000(	0	5.644019	-4.0878	0.002692	0.006253	IL1RAPL2	chrX	+	1.04E+08	1.05E+08	2985
ENSG0000(	212.8777	115.373	0.88081	0.000112	0.000317	BLOC1S3	chr19	+	45682003	45685059	2601
ENSG0000(	7.117019	48.37976	-2.7105	2.62E-06	9.00E-06	SP6	chr17	-	45922279	45933240	3848
ENSG0000(	1.027626	4.836358	-1.9291	0.12413	0.19421	ANKRD34B	chr5	-	79852574	79866307	3938
ENSG0000(	70.99824	31.68873	1.1536	8.79E-05	0.000252	PLAC9	chr10	+	81891477	81905115	785
ENSG0000(	0.36308	0.594029	-0.39069	0.82661	NA	NKAPL	chr6	+	28227098	28228736	1639
ENSG0000(	47.25199	15.4114	1.5927	3.30E-05	9.96E-05	UBE2Q2P1	chr15	-	85070012	85114447	2150
ENSG0000(	25.64136	635.2891	-4.5887	9.12E-51	2.13E-49	CLDN4	chr7	+	73213872	73247014	4163
ENSG0000(	42.84458	66.21978	-0.62085	0.064124	0.11057	ZNF573	chr19	-	38226734	38307940	2516
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-77G2	chrX	+	40767237	40767644	408
ENSG0000(	8.661842	1.903472	1.9835	0.038112	0.070326	CRYM-AS1	chr16	+	21312170	21329912	2028
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	GRAPL	chr17	+	19030782	19062489	1308
ENSG0000(	0.36308	6.581186	-3.5485	0.005594	0.012331	FAM47E	chr4	+	77135193	77232282	6249
ENSG0000(	3179.708	3840.103	-0.27173	0.028322	0.053931	HN1	chr17	-	73131343	73164376	2289
ENSG0000(	80.06179	58.8251	0.44453	0.15193	0.22954	ZNF527	chr19	+	37861963	37883968	5333
ENSG0000(	0.290301	0.700845	-0.56655	0.74739	NA	TNRC18P3	chr7	+	57059595	57076856	2691
ENSG0000(	0.653381	4.660728	-2.4186	0.049216	0.087766	ZAR1L	chr13	-	32877837	32889481	1564
ENSG0000(	0.342542	4.790235	-3.0546	0.026509	0.050855	KRTAP10-1	chr21	+	46117087	46117959	873
ENSG0000(	1581.888	380.6564	2.0542	8.15E-70	2.91E-68	S100A13	chr1	-	1.54E+08	1.54E+08	2184
ENSG0000(	298.7523	626.8639	-1.0652	1.25E-07	4.86E-07	ZNF33A	chr10	+	38299578	38354016	6117
ENSG0000(	1522.565	372.8519	2.0266	1.51E-52	3.68E-51	PCDH18	chr4	-	1.38E+08	1.38E+08	5906
ENSG0000(	24.16075	70.20062	-1.527	4.36E-06	1.46E-05	ZNF600	chr19	-	53267448	53290044	3829
ENSG0000(	9.949858	8.055721	0.29512	0.68742	0.76697	BTBD8	chr1	+	92545862	92613393	1616
ENSG0000(	1.027626	0	1.1491	0.51623	NA	RP11-129B	chr3	-	64064037	64073039	2129

ENSG0000(	27.44062	4.438975	2.5661	4.78E-05	0.000142	DPY19L2P1	chr7	-	35119601	35225934	3914
ENSG0000(	16.37837	100.6415	-2.5782	1.58E-13	9.43E-13	MAOA	chrX	+	43515467	43606068	4015
ENSG0000(	854.9996	235.1843	1.8586	5.74E-46	1.17E-44	AC016683.	chr2	+	1.14E+08	1.14E+08	2687
ENSG0000(	45.02388	17.63861	1.3285	0.000903	0.002257	C15orf61	chr15	+	67813406	67819628	1400
ENSG0000(	49.6933	54.23567	-0.13269	0.67398	0.75584	AC069277.	chr3	+	6532166	6777816	1083
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	NUGGC	chr8	-	27879481	27941388	3887
ENSG0000(	1801.252	1500.545	0.26316	0.091784	0.15028	TSPYL1	chr6	-	1.17E+08	1.17E+08	3326
ENSG0000(	1147.532	1710.204	-0.57409	4.33E-06	1.45E-05	PNRC2	chr1	+	24285599	24289952	2416
ENSG0000(	1.89853	0.937167	0.78516	0.59301	0.68781	C22orf43	chr22	-	23950639	23974508	1300
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AL450307.	chr10	-	1.34E+08	1.34E+08	3384
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	GJB5	chr1	+	35220648	35224113	1355
ENSG0000(	19.09899	26.73502	-0.47405	0.26074	0.35876	FHIT	chr3	-	59735036	61237133	3063
ENSG0000(	3.910914	60.47452	-3.8503	5.43E-13	3.14E-12	FAM150B	chr2	-	279558	288851	1389
ENSG0000(	93.91678	104.9784	-0.15719	0.49886	0.60272	ZKSCAN3	chr6	+	28317691	28334531	2340
ENSG0000(	899.0025	982.3788	-0.12735	0.51219	0.61533	RRP7A	chr22	-	42905974	42915808	3801
ENSG0000(	294.9494	217.3137	0.43643	0.025697	0.04948	LIN54	chr4	-	83831126	83934079	6127
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-797H	chr7	-	64348905	64350478	1062
ENSG0000(	460.4149	796.0473	-0.78769	8.85E-05	0.000254	FAM53B	chr10	-	1.26E+08	1.26E+08	5431
ENSG0000(	2.935529	0	3.0687	0.044324	0.08007	FAM180A	chr7	-	1.35E+08	1.35E+08	1800
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	C6orf222	chr6	-	36283534	36304662	3736
ENSG0000(	2.479946	9.248611	-1.8039	0.050796	0.090188	S100A14	chr1	-	1.54E+08	1.54E+08	1218
ENSG0000(	308.1043	363.9775	-0.24033	0.24657	0.34252	KAZN	chr1	+	14925200	15444539	6030
ENSG0000(	1946.18	1500.003	0.37566	7.90E-05	0.000228	SLC35E2B	chr1	-	1592939	1624167	6261
ENSG0000(	6241.388	11376.43	-0.86471	2.28E-09	1.02E-08	RPS2P46	chr17	-	19349246	19350169	923
ENSG0000(	0	2.353426	-2.7264	0.084821	0.14042	FAM90A27	chr19	+	53784808	53788200	1383
ENSG0000(	2.894453	26.72287	-3.0676	3.13E-06	1.06E-05	FAM179A	chr2	+	29179477	29284239	12691
ENSG0000(	90.21784	73.03394	0.3047	0.22365	0.31606	TMEM194E	chr2	-	1.91E+08	1.91E+08	6168
ENSG0000(	0.653381	14.71458	-4.0389	8.11E-05	0.000234	ALG1L	chr3	-	1.26E+08	1.26E+08	805
ENSG0000(	10.34204	1.058552	3.0527	0.002342	0.005481	KIAA0408	chr6	-	1.28E+08	1.28E+08	6580
ENSG0000(	249.9016	574.9061	-1.1976	9.95E-12	5.28E-11	GSPT2	chrX	+	51486481	51489324	2844
ENSG0000(	0.290301	1.591889	-1.5998	0.31468	NA	TBC1D28	chr17	-	18538319	18565263	2789
ENSG0000(	17.77169	17.66613	-0.00185	0.99724	0.99846	C8orf76	chr8	-	1.24E+08	1.24E+08	1342
ENSG0000(	1.338465	2.07098	-0.52304	0.68526	0.76508	CXCL17	chr19	-	42932440	42947200	1172
ENSG0000(	3.423628	161.1498	-5.4836	5.48E-27	6.20E-26	OR7E12P	chr11	-	3412010	3412982	973
ENSG0000(	0	1.606458	-1.9287	0.27074	NA	OTUD6A	chrX	+	69282341	69284029	1689
ENSG0000(	8431.54	10275.63	-0.28484	0.044609	0.080508	HMGB1	chr13	-	31032884	31191734	4199
ENSG0000(	70.60183	57.58709	0.2884	0.35702	0.46136	MMP23B	chr1	+	1567474	1570639	1531
ENSG0000(	63.31601	330.0671	-2.3806	3.49E-23	3.40E-22	SH2D5	chr1	-	21046225	21059330	3705
ENSG0000(	1.774324	2.872193	-0.63794	0.60754	0.70043	RP11-168G	chr15	-	1.01E+08	1.01E+08	2072
ENSG0000(	0	3.215331	-3.1634	0.039142	0.071993	ZFP92	chrX	+	1.53E+08	1.53E+08	1253
ENSG0000(	17.73819	10.51193	0.73493	0.16298	0.24343	USP32P3	chr17	+	20318860	20334321	1174
ENSG0000(	0	10.25533	-4.8889	0.000187	0.000514	NCR1	chr19	+	55417508	55427508	1612
ENSG0000(	218.7107	67.91278	1.6784	1.54E-12	8.64E-12	RASSF10	chr11	+	13030696	13032647	1848
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	GJB4	chr1	+	35225342	35229325	2840
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	OR2L13	chr1	+	2.48E+08	2.48E+08	1883
ENSG0000(	560.5617	535.1513	0.067844	0.6168	0.70803	BLOC1S2	chr10	-	1.02E+08	1.02E+08	2024
ENSG0000(	31.59961	3.351285	3.1225	2.98E-06	1.01E-05	SYCP2	chr20	-	58438618	58508710	5567
ENSG0000(	84.93855	455.0205	-2.4121	3.19E-27	3.65E-26	ZNF724P	chr19	-	23404401	23433192	2764
ENSG0000(	771.1015	100.7564	2.9292	2.50E-64	8.02E-63	IL1RAP	chr3	+	1.9E+08	1.9E+08	4778
ENSG0000(	2.842212	19.39955	-2.6056	0.000562	0.001447	PTPRT	chr20	-	40701392	41818610	12755
ENSG0000(	0	468.8549	-10.169	5.29E-21	4.67E-20	PAX5	chr9	-	36833272	37034103	8536
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AC079610.	chr2	-	2.14E+08	2.14E+08	1727
ENSG0000(	8.340816	80.35893	-3.1997	3.02E-14	1.88E-13	SPOCK3	chr4	-	1.68E+08	1.68E+08	2986
ENSG0000(	57.34047	35.465	0.67558	0.10755	0.17177	ZNF699	chr19	-	9404951	9420514	3358
ENSG0000(	1.971308	1.234181	0.52965	0.69367	0.77158	RP3-391O2	chr6	-	34544035	34544433	399
ENSG0000(	98.31979	44.21095	1.1472	8.93E-06	2.88E-05	TDRD7	chr9	+	1E+08	1E+08	3834
ENSG0000(	13.85898	8.784089	0.6292	0.28955	0.39111	C16orf93	chr16	-	30768744	30774031	2114
ENSG0000(	788.8932	295.2332	1.4128	2.21E-21	1.99E-20	KIAA0895L	chr16	-	67209505	67217943	3550
ENSG0000(	12.53347	18.58222	-0.55227	0.33372	0.43712	HLA-DRB1	chr6	-	32546546	32557625	1229
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	VN1R2	chr19	+	53761545	53765090	1311
ENSG0000(	11.01595	55.04837	-2.2607	3.12E-05	9.45E-05	MYT1	chr20	+	62783144	62873604	5614
ENSG0000(	5.260544	0	3.9043	0.006095	0.013352	SERPINA3	chr14	+	95058395	95090983	3067
ENSG0000(	0.72616	0.640152	0.083249	0.96152	NA	AC005831.	chr12	-	3797876	3799650	1774
ENSG0000(	10.43617	26.55294	-1.3335	0.007255	0.015646	AKR1C3	chr10	+	5077546	5149878	1807
ENSG0000(	2772.448	2013.142	0.46116	0.000265	0.000714	SPATS2L	chr2	+	2.01E+08	2.01E+08	2698

ENSG0000(	210.0989	148.3211	0.49935	0.007051	0.015258	ZNF250	chr8	-	1.46E+08	1.46E+08	6364
ENSG0000(	61.59484	94.95704	-0.61576	0.044287	0.080016	WDSUB1	chr2	-	1.6E+08	1.6E+08	1920
ENSG0000(	72.68022	68.55126	0.085036	0.73073	0.80117	ZNF79	chr9	+	1.3E+08	1.3E+08	2078
ENSG0000(	1040.068	49.26256	4.3936	8.80E-118	6.61E-116	S100A4	chr1	-	1.54E+08	1.54E+08	755
ENSG0000(	137.3701	117.7833	0.22087	0.3963	0.5008	PLEKHG4	chr16	+	67311413	67323402	6949
ENSG0000(	1798.777	292.552	2.6107	2.53E-29	3.14E-28	FAT4	chr4	+	1.26E+08	1.26E+08	16123
ENSG0000(	0	12.71887	-5.2869	1.65E-05	5.16E-05	C11orf92	chr11	-	1.11E+08	1.11E+08	5496
ENSG0000(	0	17.03571	-5.6502	4.51E-06	1.51E-05	KIF19	chr17	+	72322349	72351959	3643
ENSG0000(	10.88238	249.5433	-4.485	5.65E-46	1.16E-44	ZNF681	chr19	-	23921997	23941693	6497
ENSG0000(	0.653381	1.188058	-0.59047	0.72606	NA	HIST1H4A	chr6	+	26021907	26022278	372
ENSG0000(	147.1397	165.4236	-0.16683	0.45146	0.55699	ACADSB	chr10	+	1.25E+08	1.25E+08	5859
ENSG0000(	675.9835	614.268	0.13884	0.31711	0.41982	STK40	chr1	-	36805225	36851497	4837
ENSG0000(	0.290301	0.594029	-0.38058	0.83094	NA	RPS2P4	chr14	-	1.05E+08	1.05E+08	891
ENSG0000(	447.231	1254.683	-1.4836	3.81E-13	2.23E-12	TMEM63A	chr1	-	2.26E+08	2.26E+08	5407
ENSG0000(	17.03257	231.1224	-3.7349	5.38E-41	9.71E-40	SEMA4A	chr1	+	1.56E+08	1.56E+08	3300
ENSG0000(	0.342542	1.340997	-1.3704	0.39575	NA	AC034229.	chr5	+	10201621	10201960	337
ENSG0000(	13.47536	1.949596	2.6217	0.00112	0.002757	HRCT1	chr9	+	35906189	35907138	950
ENSG0000(	1014.764	999.9748	0.020563	0.84896	0.89401	MPHOSPH8	chr13	+	20207788	20247599	4235
ENSG0000(	291.0925	219.1502	0.40935	0.043242	0.078452	RNF216P1	chr7	+	5013619	5080306	3632
ENSG0000(	1466.777	2455.415	-0.74278	8.82E-11	4.38E-10	EEF1A1P5	chr9	+	1.36E+08	1.36E+08	1676
ENSG0000(	7.261763	1047.316	-7.1025	3.50E-88	1.70E-86	GREB1	chr2	+	11674242	11782914	8484
ENSG0000(	1.048164	0.715414	0.37283	0.82507	NA	SIRPB2	chr20	-	1451386	1472233	2642
ENSG0000(	254.3543	526.4634	-1.0469	4.06E-11	2.07E-10	ZNF766	chr19	+	52772824	52795977	2975
ENSG0000(	1.016461	469.9102	-8.4604	1.21E-31	1.65E-30	RYR1	chr19	+	38924339	39078204	15377
ENSG0000(	122.9934	115.1076	0.090877	0.672	0.75438	SRGAP3	chr3	-	9022275	9404737	8656
ENSG0000(	0.580602	0	0.8036	0.6494	NA	HIST1H2BB	chr6	-	26043455	26043885	431
ENSG0000(	551.7435	316.9318	0.79976	1.71E-09	7.73E-09	FAM217B	chr20	+	58508819	58523735	5152
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	SULT1C3	chr2	+	1.09E+08	1.09E+08	915
ENSG0000(	45372.46	53794.14	-0.24534	0.040271	0.073831	TUBB	chr6	+	30687978	30693203	2903
ENSG0000(	286.5101	274.2334	0.063507	0.67363	0.75563	LCOR	chr10	+	98592017	98740800	7777
ENSG0000(	3624.267	3307.592	0.13182	0.31449	0.41701	SUPT5H	chr19	+	39926796	39967310	3902
ENSG0000(	499.5738	428.6885	0.21936	0.218	0.30947	XPNPEP3	chr22	+	41253081	41368585	7988
ENSG0000(	130.3	284.2758	-1.1133	0.001541	0.003715	ZNF107	chr7	+	64126511	64171404	6094
ENSG0000(	12836.13	17354.34	-0.43451	0.000583	0.001499	PPIA	chr7	+	44836279	44864163	2238
ENSG0000(	2.31385	2.010288	0.18299	0.87628	0.91411	ZNF471	chr19	+	57019212	57041590	6287
ENSG0000(	0.36308	0	0.4146	0.81455	NA	OR10J3	chr1	-	1.59E+08	1.59E+08	990
ENSG0000(	42.5035	71.00505	-0.74327	0.013262	0.02719	ZNF836	chr19	-	52657117	52674896	3333
ENSG0000(	43.71451	205.3307	-2.2141	2.11E-19	1.73E-18	ZNF493	chr19	+	21579921	21610375	5023
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC090519.	chr15	-	44595115	44595293	177
ENSG0000(	37.68494	11.33899	1.7022	0.000993	0.002464	GTF2IRD2	chr7	-	74210483	74267847	3558
ENSG0000(	1.524285	8.028999	-2.1316	0.033292	0.062277	GRM7	chr3	+	6811688	7783215	4236
ENSG0000(	100.5489	204.6752	-1.0164	6.95E-06	2.27E-05	SUPT3H	chr6	-	44777054	45345690	2389
ENSG0000(	0	1.606458	-1.9287	0.27074	NA	BECN1P1	chr1	+	2.42E+08	2.42E+08	1323
ENSG0000(	292.9713	568.7434	-0.95273	9.89E-10	4.56E-09	NIF3L1	chr2	+	2.02E+08	2.02E+08	1680
ENSG0000(	123.5957	94.16965	0.38838	0.16576	0.24684	AC005154.	chr7	-	30555925	30634425	4034
ENSG0000(	31.96204	108.0499	-1.7458	2.11E-08	8.71E-08	ATP2A1	chr16	+	28889726	28915830	3536
ENSG0000(	3931.282	4648.274	-0.2413	0.059164	0.1032	IARS	chr9	-	94972489	95056038	4656
ENSG0000(	148.3309	150.6966	-0.02581	0.92209	0.94757	HIATL2	chr9	-	99708327	99775862	786
ENSG0000(	1530.425	1696.209	-0.14844	0.27421	0.37407	POM121	chr7	+	72349936	72421979	7011
ENSG0000(	328.9606	1470.192	-2.158	4.70E-58	1.30E-56	ZBTB44	chr11	-	1.3E+08	1.3E+08	9315
ENSG0000(	5.229655	14.10108	-1.3429	0.14581	0.22153	HIST1H2BC	chr6	+	27861203	27861669	467
ENSG0000(	0	3.414394	-3.1826	0.040436	0.074054	STK31	chr7	+	23749786	23872132	3732
ENSG0000(	10.37455	8.551055	0.2476	0.75884	0.82477	CGB7	chr19	-	49557531	49562117	3386
ENSG0000(	85.20074	324.6284	-1.9244	6.89E-23	6.61E-22	NLGN3	chrX	+	70364681	70391051	3913
ENSG0000(	0.290301	0	0.4146	0.81455	NA	ADH7	chr4	-	1E+08	1E+08	2516
ENSG0000(	100.8546	114.3078	-0.17802	0.44552	0.55101	ZKSCAN7	chr3	+	44596685	44635665	3477
ENSG0000(	96.45377	213.0888	-1.1399	2.40E-09	1.07E-08	CD55	chr1	+	2.07E+08	2.08E+08	2760
ENSG0000(	1.866827	41.79845	-4.2458	5.20E-10	2.45E-09	CPNE4	chr3	-	1.31E+08	1.32E+08	5431
ENSG0000(	11.6197	6.997169	0.70207	0.32867	0.4318	AC021860.	chr4	-	38628029	38666430	1896
ENSG0000(	60.61692	26.53509	1.1856	0.000971	0.002413	ZNF565	chr19	-	36673188	36737159	2519
ENSG0000(	24.30631	42.10371	-0.78174	0.14294	0.21771	NTNG2	chr9	+	1.35E+08	1.35E+08	4792
ENSG0000(	0	28.61593	-6.3466	1.32E-07	5.10E-07	ELAVL3	chr19	-	11562141	11591861	4729
ENSG0000(	1097.162	1673.21	-0.6077	1.90E-05	5.89E-05	WDR5	chr9	+	1.37E+08	1.37E+08	3151
ENSG0000(	3041.069	4614.884	-0.60107	3.61E-10	1.72E-09	LONP1	chr19	-	5691845	5720583	3236
ENSG0000(	11.1607	21.09268	-0.88697	0.10292	0.16535	C9orf163	chr9	+	1.39E+08	1.39E+08	2572

ENSG0000(	3740.364	2375.935	0.65425	3.30E-12	1.81E-11	TRRAP	chr7	+	98475556	98610866	12677
ENSG0000(	222.4116	799.0643	-1.8426	8.99E-39	1.53E-37	NUDT11	chrX	-	51232863	51239448	2385
ENSG0000(	283.8367	138.8289	1.0292	3.53E-07	1.31E-06	SRGAP2B	chr1	+	1.44E+08	1.44E+08	1334
ENSG0000(	204.2588	179.5066	0.18546	0.41635	0.52145	FUT4	chr11	+	94277017	94283063	6047
ENSG0000(	275.0505	583.6196	-1.0785	0.000152	0.000423	ASB13	chr10	-	5680830	5708558	2780
ENSG0000(	0.943682	11.71127	-3.256	0.001285	0.003133	HIST1H2BM	chr6	+	27782822	27783267	446
ENSG0000(	4.077009	348.0872	-6.3584	1.09E-48	2.41E-47	SLC35F1	chr6	+	1.18E+08	1.19E+08	4852
ENSG0000(	44.95468	70.36577	-0.6401	0.066243	0.11367	ZNF34	chr8	-	1.46E+08	1.46E+08	2056
ENSG0000(	6.294937	1.684135	1.7155	0.11967	0.18841	ZNF781	chr19	-	38158652	38183223	3147
ENSG0000(	191.3639	235.3053	-0.297	0.19363	0.28111	ZNF140	chr12	+	1.34E+08	1.34E+08	3550
ENSG0000(	35.91403	25.43457	0.48484	0.28531	0.38671	INCA1	chr17	-	4891425	4900905	1552
ENSG0000(	21.28521	23.51653	-0.13781	0.78109	0.84292	ZNF774	chr15	+	90895477	90909324	3202
ENSG0000(	1147.107	823.9706	0.47716	4.19E-05	0.000125	PTPN1	chr20	+	49126891	49201299	3529
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	BX255923.	chr9	+	69252845	69254032	1188
ENSG0000(	1318.129	1362.468	-0.04777	0.6964	0.77367	EVL	chr14	+	1E+08	1.01E+08	3704
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	SPANXD	chrX	-	1.41E+08	1.41E+08	682
ENSG0000(	42.25444	53.37222	-0.33592	0.32228	0.42519	THEM5	chr1	-	1.52E+08	1.52E+08	2503
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	NOXO1	chr16	-	2028918	2034193	1618
ENSG0000(	31.80532	51.20242	-0.67732	0.032943	0.061672	ZNF658	chr9	-	40760700	40836415	4155
ENSG0000(	3587.676	4165.582	-0.21516	0.064699	0.11142	EPHB4	chr7	-	1E+08	1E+08	5058
ENSG0000(	0.290301	41.33398	-6.1081	1.45E-08	6.06E-08	PRTN3	chr19	+	840974	848180	1041
ENSG0000(	123.0012	256.6842	-1.0543	0.000119	0.000337	ZNF765	chr19	+	53893046	53930574	4569
ENSG0000(	100.0806	159.4582	-0.66691	0.033842	0.063211	ZNF124	chr1	-	2.47E+08	2.47E+08	2243
ENSG0000(	5554.183	9377.951	-0.75483	1.04E-10	5.15E-10	XRCC6	chr22	+	42017123	42060044	2709
ENSG0000(	23.99645	1.545765	3.6722	5.08E-06	1.68E-05	S100A5	chr1	-	1.54E+08	1.54E+08	710
ENSG0000(	5.240006	26.52709	-2.2534	0.000675	0.001719	LINC00176	chr20	+	62665697	62671315	4303
ENSG0000(	405.658	1204.065	-1.5625	2.43E-10	1.17E-09	PPP1R26	chr9	+	1.38E+08	1.38E+08	4932
ENSG0000(	1487.271	894.4722	0.73282	1.32E-08	5.54E-08	TSC22D2	chr3	+	1.5E+08	1.5E+08	4839
ENSG0000(	3.725094	6.800523	-0.83059	0.34922	0.45347	CRYBA4	chr22	+	27017928	27026636	811
ENSG0000(	1.71271	2.436809	-0.39245	0.80247	0.86026	ASMT	chrX	+	1733894	1761974	1388
ENSG0000(	30.68959	25.1011	0.27587	0.51859	0.62125	NPIPL2	chr16	+	74411776	74425978	1428
ENSG0000(	96.24407	109.9571	-0.19085	0.47071	0.57549	ZNF569	chr19	-	37902057	37960177	4061
ENSG0000(	361.0102	360.1482	0.001905	0.9894	0.99424	ARMCX4	chrX	+	1.01E+08	1.01E+08	7420
ENSG0000(	213.4008	298.9304	-0.48413	0.019176	0.038005	YRDC	chr1	-	38268616	38273857	1826
ENSG0000(	533.243	616.5229	-0.20837	0.10903	0.17368	ZNF777	chr7	-	1.49E+08	1.49E+08	3233
ENSG0000(	508.3824	656.2028	-0.36906	0.002469	0.005759	PIK3R4	chr3	-	1.3E+08	1.3E+08	5015
ENSG0000(	514.199	1640.07	-1.6697	4.27E-28	5.06E-27	ZNF775	chr7	+	1.5E+08	1.5E+08	2582
ENSG0000(	276.0646	262.8339	0.06918	0.67329	0.75534	ZNF605	chr12	-	1.33E+08	1.34E+08	6215
ENSG0000(	139.4643	118.3559	0.23686	0.29799	0.39988	TRAPPC2	chrX	-	13730363	13752754	3108
ENSG0000(	346.1557	1.234181	7.7291	2.60E-32	3.63E-31	RFX8	chr2	-	1.02E+08	1.02E+08	1948
ENSG0000(	598.1104	519.8796	0.20208	0.12744	0.1984	MYL6B	chr12	+	56546040	56551771	1305
ENSG0000(	38.98395	35.53938	0.12847	0.70773	0.7828	ZNF799	chr19	-	12500830	12512085	4076
ENSG0000(	8.164369	13.36956	-0.69218	0.24746	0.34355	FGF16	chrX	+	76709648	76712769	1106
ENSG0000(	140.8055	199.6675	-0.50024	0.067842	0.11597	SIAH1	chr16	-	48390275	48482313	3352
ENSG0000(	194.0568	252.9904	-0.38353	0.0284	0.054075	C20orf96	chr20	-	251504	271390	1575
ENSG0000(	0	19.51368	-5.8984	5.75E-07	2.10E-06	ESRRG	chr1	-	2.17E+08	2.17E+08	5532
ENSG0000(	1.048164	2.324288	-0.97505	0.47014	0.57488	IPO4	chr14	-	24649425	24658170	3646
ENSG0000(	14344.91	8061.964	0.82978	3.44E-08	1.39E-07	NCOR2	chr12	-	1.25E+08	1.25E+08	8708
ENSG0000(	14.69997	32.04886	-1.1039	0.009603	0.020246	SULT1A1	chr16	-	28616903	28634946	7948
ENSG0000(	59.48481	17.08096	1.7752	1.27E-06	4.50E-06	ARL9	chr4	+	57371509	57390614	1258
ENSG0000(	1923.208	2624.454	-0.4472	0.0076	0.016325	PRPF40A	chr2	-	1.54E+08	1.54E+08	8048
ENSG0000(	153.1126	133.1199	0.19922	0.35181	0.456	GDAP2	chr1	-	1.18E+08	1.18E+08	2898
ENSG0000(	544.9668	135.1838	2.0069	1.12E-37	1.84E-36	TCEAL3	chrX	+	1.03E+08	1.03E+08	1221
ENSG0000(	624.9802	916.9947	-0.55268	9.07E-05	0.00026	ANAPC7	chr12	-	1.11E+08	1.11E+08	3045
ENSG0000(	35.93115	27.49656	0.3919	0.33253	0.43584	TPK1	chr7	-	1.44E+08	1.45E+08	4429
ENSG0000(	507.0511	339.9319	0.57566	0.002373	0.005548	SLC6A9	chr1	-	44457172	44497139	3130
ENSG0000(	2223.574	838.9148	1.4052	2.69E-40	4.76E-39	AFAP1	chr4	-	7760441	7941653	7768
ENSG0000(	5806.436	8426.096	-0.5361	0.000534	0.001381	NACA	chr12	-	57106212	57125412	6629
ENSG0000(	0.72616	0.297015	0.51367	0.77334	NA	HIST1H3C	chr6	+	26045639	26046097	459
ENSG0000(	0.580602	0.715414	-0.13184	0.94086	NA	C1orf186	chr1	-	2.06E+08	2.06E+08	1665
ENSG0000(	907.0124	1080.994	-0.25313	0.097739	0.15837	MYO18A	chr17	-	27400528	27507430	7597
ENSG0000(	0	143.3351	-8.6281	1.82E-15	1.22E-14	SPTSSB	chr3	-	1.61E+08	1.61E+08	3103
ENSG0000(	221.3556	202.1952	0.12843	0.50927	0.61265	C17orf59	chr17	-	8091652	8093564	1913
ENSG0000(	500.5139	449.8238	0.15283	0.53332	0.63427	MAN2A2	chr15	+	91445448	91465814	6268
ENSG0000(	1020.264	182.5718	2.4816	4.69E-54	1.19E-52	MME	chr3	+	1.55E+08	1.55E+08	5622

ENSG0000(	43.28786	148.8463	-1.766	2.38E-07	8.99E-07	FAM72A	chr1	+	2.06E+08	2.06E+08	2398
ENSG0000(	0	2.07098	-2.4602	0.13507	0.20805	LINC00238	chr14	+	66953072	66965271	1142
ENSG0000(	392.2057	1756.792	-2.1601	1.66E-51	3.97E-50	CACNA1H	chr16	+	1203241	1271771	8084
ENSG0000(	11.53576	9.202488	0.31296	0.59351	0.68821	LINC00610	chr11	-	36290834	36294971	2738
ENSG0000(	5725.445	617.9904	3.2068	2.65E-143	2.75E-141	SULF2	chr20	-	46285092	46415360	4915
ENSG0000(	1.016461	1.623443	-0.53732	0.71959	0.79258	HBG2	chr11	-	5274420	5667019	1772
ENSG0000(	509.2347	250.3268	1.0248	2.30E-11	1.19E-10	LAMA2	chr6	+	1.29E+08	1.3E+08	9640
ENSG0000(	6678.408	3500.11	0.93066	2.20E-11	1.14E-10	PLXNB2	chr22	-	50713408	50746056	6383
ENSG0000(	0	578.1286	-10.443	4.11E-22	3.80E-21	AJAP1	chr1	+	4714792	4843850	2922
ENSG0000(	220.7621	456.9024	-1.0474	2.91E-08	1.19E-07	XRCC2	chr7	-	1.52E+08	1.52E+08	4728
ENSG0000(	842.6305	1191.731	-0.49999	0.000819	0.002061	MYO6	chr6	+	76458909	76629254	8665
ENSG0000(	1323.072	798.4895	0.72686	1.24E-06	4.39E-06	MKL1	chr22	-	40806285	41032706	4505
ENSG0000(	3292.864	5239.599	-0.6695	2.81E-10	1.35E-09	HDAC2	chr6	-	1.14E+08	1.14E+08	9874
ENSG0000(	3.414255	3.633731	-0.09548	0.92626	0.95082	ANKRD20A	chr13	-	24513696	24520921	2796
ENSG0000(	45.81939	62.55852	-0.4438	0.13648	0.2097	ZNF782	chr9	-	99578754	99637905	4213
ENSG0000(	0.342542	3.976869	-2.8262	0.04093	0.074831	POTEF	chr2	-	1.31E+08	1.31E+08	4031
ENSG0000(	158.9168	67.11002	1.2323	3.95E-07	1.46E-06	ZNF846	chr19	-	9862669	9903856	2016
ENSG0000(	2689.777	0.357707	11.753	5.12E-40	8.99E-39	MMP1	chr11	-	1.03E+08	1.03E+08	1970
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	UGT2B15	chr4	-	69512348	69536346	2077
ENSG0000(	31.78299	15.79824	0.99216	0.022317	0.043584	RIMBP3	chr22	-	20456003	20461786	5784
ENSG0000(	8539.562	1861.626	2.1965	4.93E-138	4.73E-136	TCF4	chr18	-	52889562	53332018	8332
ENSG0000(	156.8617	393.6164	-1.3245	1.72E-16	1.22E-15	WNK3	chrX	-	54219256	54385075	11341
ENSG0000(	117.1944	268.3728	-1.1878	1.06E-07	4.12E-07	ACN9	chr7	+	96745902	96811075	2060
ENSG0000(	725.8635	1.370136	8.7628	1.05E-42	1.98E-41	HRH1	chr3	+	11178779	11305243	4711
ENSG0000(	3802.445	4839.901	-0.3477	0.001768	0.004221	RABL6	chr9	+	1.4E+08	1.4E+08	3949
ENSG0000(	84.39324	95.5929	-0.17513	0.50364	0.60711	ZNF136	chr19	+	12273879	12300064	3579
ENSG0000(	9.656951	17.56334	-0.83469	0.14236	0.21695	GOLGA6L9	chr15	+	83098710	83108085	6545
ENSG0000(	396.4376	520.0235	-0.39078	0.001371	0.003331	ZKSCAN5	chr7	+	99102274	99132323	5626
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	ZNF502	chr3	+	44754135	44765323	3270
ENSG0000(	702.297	611.3227	0.20075	0.16117	0.24121	TRAPPC4	chr11	+	1.19E+08	1.19E+08	1924
ENSG0000(	74.73368	95.8162	-0.35247	0.24658	0.34252	AC004057.	chr4	-	1.14E+08	1.14E+08	442
ENSG0000(	71.9592	59.89829	0.2706	0.33986	0.44376	TTC30B	chr2	-	1.78E+08	1.78E+08	2770
ENSG0000(	2.987769	6.206494	-0.99413	0.26217	0.36034	SLC30A10	chr1	-	2.2E+08	2.2E+08	3650
ENSG0000(	1020.783	717.3322	0.50832	2.37E-05	7.26E-05	TECPR2	chr14	+	1.03E+08	1.03E+08	8686
ENSG0000(	0.632843	1.012429	-0.45981	0.7761	NA	TLR7	chrX	+	12885202	12908499	5011
ENSG0000(	0.36308	1.66715	-1.5237	0.35755	0.46184	FAM180B	chr11	+	47608198	47610746	1435
ENSG0000(	18.02931	79.57732	-2.1085	1.47E-05	4.63E-05	LINC00173	chr12	+	1.17E+08	1.17E+08	1597
ENSG0000(	263.4085	392.606	-0.57382	0.002357	0.005514	ZFP62	chr5	-	1.8E+08	1.8E+08	4020
ENSG0000(	6.181896	2.338857	1.3076	0.16198	0.24226	Z98881.1	chr16	+	653555	653904	348
ENSG0000(	101.7759	133.1555	-0.38461	0.1325	0.20494	ERI2	chr16	-	20791515	20911671	3846
ENSG0000(	715.5645	2387.155	-1.7354	2.98E-43	5.73E-42	TOMM7	chr7	-	22852251	22862470	778
ENSG0000(	1.45232	25.09056	-3.9475	3.17E-06	1.08E-05	HSH2D	chr19	+	16244838	16269386	2474
ENSG0000(	8.100964	3.633731	1.1009	0.16608	0.24721	TRPV1	chr17	-	3468738	3500392	4170
ENSG0000(	90.70529	245.0354	-1.4229	9.59E-09	4.08E-08	ZNF33B	chr10	-	43069633	43134016	5945
ENSG0000(	54.09248	27.58806	0.95645	0.00424	0.009539	PDXDC2P	chr16	-	70010200	70099851	4184
ENSG0000(	921.4295	916.6771	0.007598	0.97238	0.98479	ZNF512B	chr20	-	62588055	62680113	5926
ENSG0000(	655.6139	757.5487	-0.20847	0.21168	0.30204	AMZ2	chr17	+	66243715	66253297	2402
ENSG0000(	123.8003	467.385	-1.9107	1.18E-26	1.33E-25	ZNF431	chr19	+	21324827	21373034	3843
ENSG0000(	0	9.900917	-4.927	9.33E-05	0.000267	FAM150A	chr8	-	53446597	53478067	1217
ENSG0000(	2260.369	694.5693	1.6985	1.16E-24	1.20E-23	NF1	chr17	+	29421945	29709134	12425
ENSG0000(	936.2629	823.4418	0.18372	0.15875	0.23815	VKORC1L1	chr7	+	65338254	65424550	5899
ENSG0000(	99.20609	211.382	-1.0913	3.07E-09	1.36E-08	ZNF418	chr19	-	58433252	58446761	3694
ENSG0000(	349.8818	2329.243	-2.7303	1.38E-112	9.57E-111	DAPK1	chr9	+	90112143	90323548	6012
ENSG0000(	1.338465	3.319731	-1.1507	0.33166	0.43484	HLA-DQA1	chr6	+	32595956	32614839	5450
ENSG0000(	5451.749	977.3247	2.4764	8.54E-106	5.36E-104	COL27A1	chr9	+	1.17E+08	1.17E+08	7790
ENSG0000(	32.39888	21.02386	0.61503	0.12462	0.1948	CXorf24	chrX	+	47342970	47344207	1238
ENSG0000(	712.2935	883.2043	-0.30918	0.068818	0.11738	GM2A	chr5	+	1.51E+08	1.51E+08	3896
ENSG0000(	10.95515	11.54376	-0.07815	0.89865	0.92971	HIST1H2AI	chr6	+	27775899	27776429	531
ENSG0000(	0	31.21367	-6.5759	6.35E-09	2.74E-08	CLPSL2	chr6	+	35744371	35747329	532
ENSG0000(	62.59499	5.865772	3.3435	2.53E-13	1.49E-12	S100A2	chr1	-	1.54E+08	1.54E+08	998
ENSG0000(	221.476	391.7123	-0.81585	0.004466	0.010021	RP4-564F2	chr20	-	37049235	37063996	2138
ENSG0000(	138.4813	105.1249	0.39556	0.048813	0.087152	ZNF700	chr19	+	12035883	12061588	3113
ENSG0000(	0	108.9618	-8.2619	3.35E-14	2.09E-13	POU3F4	chrX	+	82763269	82764775	1507
ENSG0000(	0	2.872193	-2.9981	0.054193	0.095403	OR14A16	chr1	-	2.48E+08	2.48E+08	930
ENSG0000(	0.290301	0.951736	-0.90191	0.60254	NA	ANKRD20A	chr9	+	67926761	67969840	3511

ENSG0000(	1609.481	273.8314	2.5506	2.93E-85	1.35E-83	CD47	chr3	-	1.08E+08	1.08E+08	6796
ENSG0000(	955.0394	3212.487	-1.7482	3.65E-48	7.94E-47	TLE1	chr9	-	84198598	84304220	3893
ENSG0000(	468.0356	246.0515	0.92608	6.80E-10	3.18E-09	MAML3	chr4	-	1.41E+08	1.41E+08	6844
ENSG0000(	80.42846	77.5951	0.055233	0.82332	0.87538	HIST1H2AG	chr6	+	27100832	27103070	2239
ENSG0000(	630.8321	455.0403	0.46984	0.000166	0.00046	STRN3	chr14	-	31363005	31495607	3970
ENSG0000(	34.86668	105.5292	-1.5707	0.000762	0.001924	ZNF239	chr10	-	44051792	44070066	2389
ENSG0000(	1.649304	2.886762	-0.72828	0.52246	0.62504	CTB-134H2	chr16	+	29049923	29064047	1350
ENSG0000(	227.6751	186.5827	0.2879	0.11008	0.17513	CTBP1-AS1	chr4	+	1243088	1282079	5652
ENSG0000(	7.677084	16.23933	-1.0658	0.068837	0.11738	CHRNG	chr2	+	2.33E+08	2.33E+08	2262
ENSG0000(	26.93279	76.55353	-1.4998	3.58E-06	1.21E-05	ZSCAN16	chr6	+	28092338	28097860	1328
ENSG0000(	1706.697	264.0324	2.6882	1.95E-71	7.16E-70	MVB12B	chr9	+	1.29E+08	1.29E+08	4819
ENSG0000(	2352.895	2233.573	0.074743	0.51605	0.61891	C6orf106	chr6	-	34555065	34664636	4418
ENSG0000(	314.4459	296.3666	0.083789	0.75294	0.81973	ADA	chr20	-	43248163	43280874	1770
ENSG0000(	606.1925	540.4215	0.16615	0.17226	0.25484	ARID5A	chr2	+	97202480	97218375	3079
ENSG0000(	0	2.073397	-2.2159	0.20168	0.2903	PATE2	chr11	-	1.26E+08	1.26E+08	1657
ENSG0000(	430.131	455.7585	-0.08573	0.55191	0.65142	PPTC7	chr12	-	1.11E+08	1.11E+08	6926
ENSG0000(	2.427705	2.857624	-0.23409	0.84745	0.89291	TOMM20L	chr14	+	58862634	58875419	620
ENSG0000(	2.894453	0.640152	1.7742	0.18883	0.27515	RGPD4	chr2	+	1.08E+08	1.09E+08	5464
ENSG0000(	505.008	466.5421	0.11344	0.35624	0.46052	NHLRC2	chr10	+	1.16E+08	1.16E+08	11051
ENSG0000(	122.7135	67.46767	0.85846	0.002416	0.005642	ZFP28	chr19	+	57050317	57068169	4086
ENSG0000(	393.182	13.6383	4.7663	2.89E-37	4.72E-36	KIAA1211L	chr2	-	99410309	99552722	3907
ENSG0000(	15.24969	25.71615	-0.74812	0.085115	0.14086	CBWD3	chr9	+	70856397	70914929	2195
ENSG0000(	524.0027	284.8387	0.87631	6.88E-06	2.25E-05	SCN8A	chr12	+	51984050	52203558	8466
ENSG0000(	82.98118	5.461941	3.8321	1.59E-17	1.20E-16	LAMB3	chr1	-	2.1E+08	2.1E+08	4305
ENSG0000(	0.72616	2.69898	-1.3899	0.38248	0.48666	HIST3H2BB	chr1	+	2.29E+08	2.29E+08	452
ENSG0000(	116.481	209.3337	-0.83761	0.001691	0.00405	KPNA5	chr6	+	1.17E+08	1.17E+08	5089
ENSG0000(	99.10258	21.89222	2.1662	1.56E-13	9.34E-13	ANKRD36B	chr2	-	98108978	98206428	5986
ENSG0000(	3189.329	1094.366	1.5411	2.60E-39	4.49E-38	ARHGEF12	chr11	+	1.2E+08	1.2E+08	9660
ENSG0000(	2.956066	1.043983	1.288	0.32196	0.42489	HCAR1	chr12	-	1.23E+08	1.23E+08	3612
ENSG0000(	177.4062	194.202	-0.12816	0.6452	0.732	ZNF252P	chr8	-	1.46E+08	1.46E+08	5210
ENSG0000(	5592.998	947.5195	2.5562	2.19E-55	5.70E-54	PDLIM7	chr5	-	1.77E+08	1.77E+08	1904
ENSG0000(	63002.58	33635.86	0.90491	1.71E-26	1.90E-25	FLNA	chrX	-	1.54E+08	1.54E+08	8486
ENSG0000(	41.33725	25.60362	0.69072	0.057535	0.1006	TMEM26	chr10	-	63166401	63213208	5151
ENSG0000(	0.290301	2.056411	-1.914	0.21479	0.3057	RPS26P11	chrX	+	71264395	71264742	348
ENSG0000(	8.214818	5.347004	0.59323	0.44854	0.55396	RIMBP3B	chr22	+	21737663	21743446	5784
ENSG0000(	522.1591	296.4028	0.81421	4.19E-06	1.40E-05	SRGAP1	chr12	+	64238073	64541613	8943
ENSG0000(	1398.245	738.2847	0.92065	2.30E-11	1.19E-10	FAM3C	chr7	-	1.21E+08	1.21E+08	2508
ENSG0000(	459.4496	538.7811	-0.22819	0.13905	0.2127	NOP9	chr14	+	24769068	24778330	6033
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	OR2T4	chr1	+	2.49E+08	2.49E+08	1047
ENSG0000(	709.7527	1685.652	-1.2456	1.10E-15	7.51E-15	SLC39A10	chr2	+	1.96E+08	1.97E+08	5432
ENSG0000(	2.883288	2.087966	0.42742	0.72828	0.79917	RP11-425I:	chr4	-	1.41E+08	1.41E+08	1985
ENSG0000(	188.0001	2.38498	6.1785	2.57E-29	3.19E-28	CASP4	chr11	-	1.05E+08	1.05E+08	4745
ENSG0000(	33.1155	0	6.6421	4.74E-09	2.06E-08	AL117340.	chr10	-	31650356	31652937	2582
ENSG0000(	3700.266	3670.808	0.011386	0.92357	0.94853	AP2A1	chr19	+	50270225	50310370	3388
ENSG0000(	471.3924	117.5872	2.0016	1.25E-34	1.88E-33	PCDHB16	chr5	+	1.41E+08	1.41E+08	4814
ENSG0000(	28.98544	17.53246	0.69834	0.32612	0.42905	HIST1H3E	chr6	+	26225383	26225844	462
ENSG0000(	64.54495	107.6013	-0.73038	0.001583	0.003805	ZNF585A	chr19	-	37597636	37663643	6547
ENSG0000(	613.2271	171.2768	1.8346	3.20E-31	4.30E-30	FUT11	chr10	+	75532049	75538821	2408
ENSG0000(	0.580602	0.343138	0.37443	0.8337	NA	NXF4	chrX	+	1.02E+08	1.02E+08	3617
ENSG0000(	123.6838	159.4003	-0.36489	0.10466	0.16771	LINC00087	chrX	-	1.34E+08	1.34E+08	2696
ENSG0000(	374.7918	70.60854	2.4001	1.81E-40	3.22E-39	ANXA4	chr2	+	69947923	70053596	4418
ENSG0000(	337.6327	906.3441	-1.4223	5.25E-23	5.07E-22	LAGE3	chrX	-	1.54E+08	1.54E+08	949
ENSG0000(	12.25254	0.297015	4.4385	0.0002	0.000549	AL360004.	chr9	-	1.33E+08	1.33E+08	3258
ENSG0000(	135.5424	63.67515	1.0838	0.000614	0.001572	WDR5B	chr3	-	1.22E+08	1.22E+08	4168
ENSG0000(	0	6.16037	-4.1471	0.002907	0.006713	LCA10	chrX	+	1.53E+08	1.53E+08	1391
ENSG0000(	37.12927	42.18301	-0.18136	0.74892	0.81627	FAM163B	chr9	-	1.36E+08	1.36E+08	811
ENSG0000(	3.350849	1.949596	0.68598	0.52151	0.62413	A-575C2.4	chr16	+	28763108	28784128	2123
ENSG0000(	106.5811	77.63478	0.45609	0.049226	0.087778	WDR45	chrX	-	48929385	48958108	3079
ENSG0000(	2992.862	1823.917	0.71382	1.16E-15	7.90E-15	METTL9	chr16	+	21608539	21668794	5603
ENSG0000(	52.1255	222.6984	-2.0758	5.36E-18	4.11E-17	ZNF138	chr7	+	64254766	64294054	2582
ENSG0000(	11.18205	147.3198	-3.6824	2.42E-26	2.67E-25	ZNF429	chr19	+	21679484	21739072	2233
ENSG0000(	152.9079	172.9648	-0.1788	0.37088	0.47534	ZNF470	chr19	+	57078880	57100279	7151
ENSG0000(	286.7839	112.9403	1.3402	1.19E-13	7.16E-13	SERTAD1	chr19	-	40927499	40931932	2114
ENSG0000(	79.03147	257.6519	-1.6907	1.22E-06	4.33E-06	ZNF100	chr19	-	21905568	21950430	5745
ENSG0000(	477.7447	347.3023	0.46008	0.000349	0.000927	CXorf40B	chrX	-	1.49E+08	1.49E+08	1653

ENSG0000(	391.6906	2500.925	-2.6732	3.88E-103	2.33E-101	ZNF398	chr7	+	1.49E+08	1.49E+08	5427
ENSG0000(	283.9112	526.2637	-0.88382	0.001454	0.003519	ZSCAN25	chr7	+	99214569	99230030	5722
ENSG0000(	7681.375	1616.192	2.2477	1.58E-143	1.65E-141	ANXA6	chr5	-	1.5E+08	1.51E+08	2593
ENSG0000(	58.77658	13.38574	2.105	5.95E-06	1.96E-05	ZNF441	chr19	+	11877815	11894893	4356
ENSG0000(	995.8811	874.2606	0.18806	0.35384	0.45802	GMFB	chr14	-	54941202	54955914	6721
ENSG0000(	54.52655	10.04499	2.3854	7.63E-08	3.00E-07	SIGLEC15	chr18	+	43405477	43424045	2580
ENSG0000(	11.4219	0.594029	3.6905	0.000653	0.001666	Z73979.1	chr22	-	33210035	33210372	333
ENSG0000(	34.26652	59.83901	-0.78709	0.082391	0.13698	ZNF420	chr19	+	37498759	37621216	3535
ENSG0000(	1.359003	15.04886	-3.2642	0.000227	0.000616	ZNF763	chr19	+	12035890	12091196	2621
ENSG0000(	236.1189	336.2306	-0.50961	0.010866	0.022663	ZMYM1	chr1	+	35525387	35581460	4203
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	DTHD1	chr4	+	36283244	36347378	4335
ENSG0000(	10.95255	18.19134	-0.70687	0.24514	0.34094	HIST1H4C	chr6	+	26104104	26104518	415
ENSG0000(	237.102	108.2609	1.1295	1.52E-09	6.92E-09	RP5-874C2	chr6	+	28234788	28245974	2808
ENSG0000(	1421.891	945.8214	0.58755	3.86E-07	1.43E-06	MAFG	chr17	-	79876146	79885590	5040
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-132G	chr1	-	2.48E+08	2.48E+08	963
ENSG0000(	396.0002	612.3299	-0.62695	0.000423	0.001109	ARRDC1	chr9	+	1.41E+08	1.41E+08	3185
ENSG0000(	0.995923	0.686276	0.39213	0.8081	NA	AC010243.	chr5	+	87514708	87515080	369
ENSG0000(	949.945	663.8091	0.51498	0.004394	0.009869	KIAA1671	chr22	+	25348697	25593415	10490
ENSG0000(	6202.164	2775.816	1.1589	2.31E-29	2.88E-28	IGF2R	chr6	+	1.6E+08	1.61E+08	9091
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	LCE1C	chr1	-	1.53E+08	1.53E+08	695
ENSG0000(	0	2.024857	-2.2291	0.19662	0.28458	NPSR1-AS1	chr7	-	34386124	34911194	4740
ENSG0000(	150.3682	166.1672	-0.14508	0.65392	0.73897	GAL3ST4	chr7	-	99756867	99766373	3162
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	RP11-573D	chr3	-	1.86E+08	1.86E+08	770
ENSG0000(	14768.45	8334.014	0.82439	9.58E-11	4.74E-10	DYNC1H1	chr14	+	1.02E+08	1.03E+08	14333
ENSG0000(	36.99569	4.346729	2.9923	3.46E-06	1.17E-05	SLC6A17	chr1	+	1.11E+08	1.11E+08	6427
ENSG0000(	1861.673	2441.345	-0.39038	0.001046	0.002585	PCBP2	chr12	+	53835525	53874946	3167
ENSG0000(	610.9676	572.7225	0.09219	0.50184	0.60534	ZGPAT	chr20	+	62338794	62370456	4232
ENSG0000(	1296.965	2469.497	-0.92807	4.07E-12	2.22E-11	SLC25A29	chr14	-	1.01E+08	1.01E+08	5169
ENSG0000(	892.2216	470.599	0.9228	7.32E-15	4.77E-14	PGAP1	chr2	-	1.98E+08	1.98E+08	8942
ENSG0000(	1039.078	1108.843	-0.09416	0.43883	0.54452	SRC	chr20	+	35973088	36034453	4631
ENSG0000(	38.96358	181.9478	-2.2016	4.44E-16	3.08E-15	ZNF682	chr19	-	20107867	20150315	3769
ENSG0000(	132.0881	175.6774	-0.41052	0.060287	0.10485	ZNF772	chr19	-	57978031	57988938	5419
ENSG0000(	2527.725	1730.3	0.54544	0.003151	0.007242	PCNXL3	chr11	+	65383244	65404910	7105
ENSG0000(	6.378881	1.029414	2.314	0.051696	0.091581	ADAM32	chr8	+	38964509	39142430	6871
ENSG0000(	5.704962	3.818224	0.5464	0.60553	0.69874	ACSL5	chr10	+	1.14E+08	1.14E+08	3380
ENSG0000(	14.121	30.03622	-1.0521	0.14439	0.21964	AL133458.	chr6	-	1.67E+08	1.67E+08	2298
ENSG0000(	206.6443	466.0886	-1.1702	1.34E-15	9.11E-15	LRRC8B	chr1	+	89990395	90063423	7593
ENSG0000(	3.434793	9.214641	-1.357	0.11662	0.18433	RP11-452G	chr11	+	17249817	17250698	882
ENSG0000(	985.0021	384.5183	1.3547	1.85E-23	1.82E-22	ABCB8	chr7	+	1.51E+08	1.51E+08	4683
ENSG0000(	8.869991	24.70284	-1.4357	0.011551	0.023949	HIST1H3J	chr6	-	27858093	27860884	522
ENSG0000(	7483.891	5707.617	0.3905	0.000866	0.00217	SND1	chr7	+	1.27E+08	1.28E+08	3476
ENSG0000(	164.8165	84.22737	0.96277	6.82E-06	2.23E-05	ZNF785	chr16	-	30585061	30597092	3282
ENSG0000(	0	3.993854	-3.4305	0.023622	0.045871	SULT1A2	chr16	-	28603264	28608430	1991
ENSG0000(	16.61904	9.938176	0.70894	0.24919	0.34549	NEK5	chr13	-	52611093	52703214	2918
ENSG0000(	1035.609	1169.178	-0.1743	0.37165	0.47605	PSMD12	chr17	-	65334032	65362743	4406
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	OR2B4P	chr6	+	29258488	29259430	943
ENSG0000(	0	14.39414	-5.4644	6.95E-06	2.27E-05	GPR123	chr10	+	1.35E+08	1.35E+08	4283
ENSG0000(	18.33077	9.329578	0.92995	0.10953	0.17433	BX936347.	chrX	-	1.54E+08	1.54E+08	255
ENSG0000(	1.431782	123.5853	-6.1911	4.64E-16	3.22E-15	PIWIL2	chr8	+	22132810	22215076	5128
ENSG0000(	90.12371	6.685586	3.7053	5.80E-17	4.23E-16	FLJ27365	chr22	+	46449749	46509808	4560
ENSG0000(	2497.419	583.0886	2.0919	7.81E-28	9.20E-27	C20orf112	chr20	-	31030862	31172876	5991
ENSG0000(	11.25662	36.759	-1.6868	0.000141	0.000394	C9orf169	chr9	+	1.4E+08	1.4E+08	1297
ENSG0000(	36.68143	6.413677	2.4399	3.46E-06	1.17E-05	SLC22A4	chr5	+	1.32E+08	1.32E+08	2201
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	KB-1592A4	chr22	-	21468896	21478740	4833
ENSG0000(	0.995923	0.297015	1.0163	0.54122	NA	ZSCAN5B	chr19	-	56700939	56709289	2059
ENSG0000(	2107.189	617.5631	1.7683	7.37E-48	1.59E-46	ENTPD4	chr8	-	23243296	23315208	5861
ENSG0000(	215.5461	240.2624	-0.15441	0.38671	0.49095	C1D	chr2	-	68268262	68338080	2233
ENSG0000(	3401.197	2193.784	0.63258	4.45E-10	2.11E-09	TBC1D9B	chr5	-	1.79E+08	1.79E+08	5173
ENSG0000(	3.112789	20.72597	-2.6347	0.000544	0.001402	HIST1H4J	chr6	+	27791884	27792257	374
ENSG0000(	0.290301	0	0.4146	0.81455	NA	SLC2A7	chr1	-	9063359	9086404	1539
ENSG0000(	61.24715	42.31077	0.52594	0.072674	0.12306	FAM110D	chr1	+	26485511	26489119	1524
ENSG0000(	18.11244	1.029414	3.8481	3.76E-05	0.000113	SERPINA1	chr14	-	94843084	94857030	3532
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	LINC00336	chr6	-	33553883	33561115	2107
ENSG0000(	0.290301	4.320007	-2.9641	0.031099	0.058521	TPSB2	chr16	-	1277272	1280214	1211
ENSG0000(	4989.108	974.5028	2.353	3.24E-91	1.64E-89	KANK2	chr19	-	11274943	11308467	5231

ENSG0000(	24.77387	52.4043	-1.082	0.002471	0.005763	EIF4BP6	chr7	+	1.04E+08	1.04E+08	1828
ENSG0000(	20.72515	209.3646	-3.2655	4.40E-11	2.24E-10	C6orf141	chr6	+	49518113	49529620	1820
ENSG0000(	747.3403	567.4068	0.39577	0.041683	0.075986	GTF2E2	chr8	-	30435835	30515768	1762
ENSG0000(	67.06002	101.3083	-0.59615	0.012076	0.024954	RAD54B	chr8	-	95384188	95487337	3068
ENSG0000(	5.923298	86.87366	-3.8087	3.19E-17	2.36E-16	ZNF165	chr6	+	28048753	28057341	2107
ENSG0000(	689.7736	1151.573	-0.73837	1.49E-07	5.74E-07	SYNGAP1	chr6	+	33387847	33421466	5916
ENSG0000(	6.132261	10.16067	-0.70306	0.3433	0.44731	RP11-589F	chr5	-	70070478	70074135	3658
ENSG0000(	9.084908	12.86777	-0.46508	0.50677	0.61029	RAMP2-AS1	chr17	-	40905932	40913275	3118
ENSG0000(	318.9877	70.1416	2.1768	2.40E-30	3.09E-29	FITM2	chr20	-	42931478	42939809	4597
ENSG0000(	358.602	716.9705	-0.9983	1.12E-12	6.35E-12	BLM	chr15	+	91260558	91358859	4555
ENSG0000(	366.4	46.17344	2.9824	1.32E-38	2.25E-37	RP11-366L	chr12	-	66245120	66275947	4617
ENSG0000(	215.1855	233.9951	-0.11805	0.53643	0.63743	ZNF720	chr16	+	31724550	31806190	5994
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	GATA3-AS1	chr10	-	8092413	8095447	2214
ENSG0000(	568.5832	986.6619	-0.79283	1.61E-07	6.15E-07	DDI2	chr1	+	15943995	15995539	10625
ENSG0000(	0	7.074847	-4.3997	0.000973	0.002419	AC060834.	chr7	+	9765870	9767915	2032
ENSG0000(	1280.536	558.2475	1.1954	4.35E-24	4.38E-23	SVIL	chr10	-	29746267	30025710	7994
ENSG0000(	0	7.501368	-4.4919	0.000694	0.001763	C17orf102	chr17	-	32901142	32906388	3997
ENSG0000(	935.1462	1414.102	-0.59606	1.28E-09	5.86E-09	TRIM33	chr1	-	1.15E+08	1.15E+08	8339
ENSG0000(	3885.628	704.5679	2.4609	2.47E-106	1.56E-104	LRP10	chr14	+	23340822	23350789	6886
ENSG0000(	686.5747	725.9132	-0.0798	0.5643	0.66232	PELI1	chr2	-	64319786	64371588	3750
ENSG0000(	3.672853	11.53893	-1.5891	0.029854	0.056505	ZNF833P	chr19	+	11750591	11797382	3381
ENSG0000(	0.995923	0	1.4959	0.39264	NA	AC032027.	chr8	+	57868647	57868875	228
ENSG0000(	734.7858	579.8527	0.34086	0.024706	0.047741	ZNF655	chr7	+	99156029	99205433	4886
ENSG0000(	443.4891	664.038	-0.5798	0.003308	0.007578	MRPL21	chr11	-	68658744	68671303	2283
ENSG0000(	632.8315	557.3534	0.18178	0.45416	0.55948	UAP1L1	chr9	+	1.4E+08	1.4E+08	4412
ENSG0000(	1.306762	9.275334	-2.5744	0.009765	0.020566	BNIP3P1	chr14	+	28733596	28735180	1585
ENSG0000(	0.36308	0	0.4146	0.81455	NA	ZNF98	chr19	-	22573821	22715287	2338
ENSG0000(	2.229907	7.374278	-1.5795	0.080753	0.13459	FBXL22	chr15	+	63889552	63894627	1526
ENSG0000(	167.4095	306.7669	-0.86901	4.49E-07	1.65E-06	ZNF786	chr7	-	1.49E+08	1.49E+08	3144
ENSG0000(	136.7962	236.9048	-0.78592	1.82E-05	5.66E-05	ZNF517	chr8	+	1.46E+08	1.46E+08	3191
ENSG0000(	75.28356	360.562	-2.2463	1.21E-19	1.01E-18	ZNF675	chr19	-	23708433	23870022	4227
ENSG0000(	77.42512	80.20049	-0.05029	0.90495	0.93432	SLC22A5	chr5	+	1.32E+08	1.32E+08	10435
ENSG0000(	0.342542	0	0.4146	0.81455	NA	OR8S1	chr12	+	48901137	48923680	2209
ENSG0000(	1288.652	54.14021	4.5599	3.57E-100	2.02E-98	DACT3	chr19	-	47150869	47164395	3085
ENSG0000(	777.9037	377.9036	1.0388	6.72E-13	3.86E-12	ADARB1	chr21	+	46493768	46646478	7027
ENSG0000(	12.77235	49.59105	-1.9324	3.90E-05	0.000117	ZNF860	chr3	+	32023263	32033120	3098
ENSG0000(	2647.832	3407.924	-0.36385	0.00012	0.000338	HTT	chr4	+	3076408	3245676	14438
ENSG0000(	16.92988	1.387121	3.4144	9.63E-05	0.000275	C5AR1	chr19	+	47793280	47825323	2311
ENSG0000(	0.943682	7.812078	-2.6343	0.023282	0.045276	DIO3	chr14	+	1.02E+08	1.02E+08	2102
ENSG0000(	0	134.0379	-8.5388	3.80E-15	2.51E-14	CYP2B6	chr19	+	41497204	41524303	3054
ENSG0000(	3.652315	10.93429	-1.359	0.2716	0.37099	HIST1H3D	chr6	-	26197068	26199521	865
ENSG0000(	29.8966	18.70199	0.66834	0.10766	0.17189	DCHS2	chr4	-	1.55E+08	1.55E+08	8912
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	GOLGA6L1	chr15	+	22736246	22746002	3822
ENSG0000(	596.9183	56.13673	3.4007	7.39E-80	3.10E-78	VEPH1	chr3	-	1.57E+08	1.57E+08	4202
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	FABP12	chr8	-	82437216	82443613	551
ENSG0000(	63.228	126.1729	-0.98573	7.14E-05	0.000207	SHPK	chr17	-	3511556	3539616	3838
ENSG0000(	0.632843	0.686276	-0.05496	0.97464	NA	GGT3P	chr22	-	18761178	18830912	2340
ENSG0000(	391.8209	145.132	1.4205	1.64E-06	5.76E-06	IPP	chr1	-	46159996	46216322	3113
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	OPALIN	chr10	-	98102973	98119092	3629
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	OR13G1	chr1	-	2.48E+08	2.48E+08	1046
ENSG0000(	325.2972	19.59062	4.0212	6.75E-56	1.78E-54	MAP3K5	chr6	-	1.37E+08	1.37E+08	5197
ENSG0000(	203.6559	830.1843	-2.0246	5.79E-43	1.10E-41	OGDHL	chr10	-	50942689	50970425	3704
ENSG0000(	2.386629	0	2.6941	0.092956	0.15198	C16orf47	chr16	-	73160536	73178346	1308
ENSG0000(	0	12.67516	-5.2965	1.39E-05	4.38E-05	CYP2F1	chr19	+	41620337	41634271	2080
ENSG0000(	912.5673	270.4421	1.7516	7.53E-32	1.03E-30	GSTK1	chr7	+	1.43E+08	1.43E+08	2692
ENSG0000(	5559.602	10947.45	-0.97573	2.19E-10	1.06E-09	HNRNPAB	chr5	+	1.78E+08	1.78E+08	1796
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	OR2L5	chr1	+	2.48E+08	2.48E+08	939
ENSG0000(	782.772	990.8593	-0.33924	0.003823	0.008663	STMN3	chr20	-	62271061	62284780	2255
ENSG0000(	13.11228	23.45168	-0.81516	0.11258	0.17872	HIST1H2BH	chr6	+	26251879	26252303	425
ENSG0000(	486.4491	4062.345	-3.0547	7.75E-80	3.25E-78	PDGFA	chr7	-	536895	559933	2305
ENSG0000(	0.290301	38.18083	-6.0099	2.16E-08	8.93E-08	AC005276.	chr7	+	1.26E+08	1.26E+08	837
ENSG0000(	1.814586	0.640152	1.1259	0.46666	0.57145	GYPE	chr4	-	1.45E+08	1.45E+08	1684
ENSG0000(	2072.562	152.5693	3.7485	9.16E-89	4.48E-87	COL13A1	chr10	+	71561644	71724031	3136
ENSG0000(	2.645227	20.49381	-2.829	0.000115	0.000325	SPN	chr16	+	29674300	29682187	6854
ENSG0000(	11.89884	75.38495	-2.6377	5.67E-13	3.27E-12	ZNF695	chr1	-	2.47E+08	2.47E+08	3340

ENSG0000(	0	0.343138	-0.41864	0.81278	NA	ADAM3A	chr8	-	39308564	39380371	2627
ENSG0000(	31.4869	14.403	1.1176	0.015416	0.031159	PCDHB11	chr5	+	1.41E+08	1.41E+08	3271
ENSG0000(	394.6609	509.9605	-0.36856	0.011157	0.02321	ZNF628	chr19	+	55987699	55995854	3847
ENSG0000(	795.569	251.8552	1.6521	4.29E-13	2.50E-12	SLC2A10	chr20	+	45338126	45364965	4368
ENSG0000(	1.503747	51.2527	-4.753	1.72E-10	8.38E-10	ZNF665	chr19	-	53662466	53696639	2352
ENSG0000(	222.3225	443.7404	-0.99335	3.28E-06	1.11E-05	RPF2	chr6	+	1.11E+08	1.11E+08	1531
ENSG0000(	1.390706	1.430828	-0.02403	0.98818	0.99335	AL627171.	chr14	-	50300810	50311552	60
ENSG0000(	0.290301	1.372552	-1.154	0.51326	NA	SLC28A3	chr9	-	86890372	86955672	4887
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	FAM177B	chr1	+	2.23E+08	2.23E+08	1994
ENSG0000(	1088.611	957.018	0.18489	0.2966	0.39867	MIB2	chr1	+	1550795	1565990	4247
ENSG0000(	1711.802	974.1684	0.81167	6.88E-08	2.72E-07	MYO5A	chr15	-	52599480	52821247	12225
ENSG0000(	14.19313	5.415818	1.3027	0.10937	0.17413	C5orf56	chr5	+	1.32E+08	1.32E+08	2025
ENSG0000(	0.995923	3.137654	-1.4325	0.25485	0.35199	GZMM	chr19	+	544034	549919	912
ENSG0000(	437.6017	235.0693	0.89509	2.42E-09	1.08E-08	ATG7	chr3	+	11313995	11599139	4959
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	PRAMEF24	chr22	-	22345496	22398332	3038
ENSG0000(	8.972681	0	4.748	0.000244	0.000661	RP11-460N	chr9	+	69830288	69848759	3275
ENSG0000(	1467.597	1727.715	-0.2353	0.02973	0.056323	SIPA1L1	chr14	+	71787166	72207946	7831
ENSG0000(	82.71321	54.34564	0.60807	0.039645	0.072813	TTC30A	chr2	-	1.78E+08	1.78E+08	4669
ENSG0000(	76.43702	25.78825	1.5387	3.13E-05	9.48E-05	SSPO	chr7	+	1.49E+08	1.5E+08	15583
ENSG0000(	0	8.996977	-4.5702	0.001172	0.002878	ELANE	chr19	+	851014	856242	1023
ENSG0000(	885.7172	619.0015	0.51534	0.001059	0.002614	RAB40C	chr16	+	639357	679272	2717
ENSG0000(	358.1545	279.539	0.35663	0.035454	0.065928	PIGN	chr18	-	59710800	59854351	5501
ENSG0000(	15.9254	376.8456	-4.5476	7.27E-65	2.37E-63	COL4A6	chrX	-	1.07E+08	1.08E+08	6700
ENSG0000(	59.66288	23.4404	1.3305	0.000101	0.000288	ZNF624	chr17	-	16524051	16557170	4241
ENSG0000(	52.07505	67.79953	-0.37186	0.32278	0.42568	HHLA3	chr1	+	70820488	70851022	898
ENSG0000(	9.895012	0	4.9011	0.000126	0.000354	HOXA4	chr7	-	27168126	27170418	1747
ENSG0000(	446.935	660.747	-0.56238	0.000319	0.00085	TOPORS	chr9	-	32540542	32552551	4098
ENSG0000(	8.196886	1.340997	2.3785	0.018225	0.036288	BCO2	chr11	+	1.12E+08	1.12E+08	2930
ENSG0000(	11.98278	13.40997	-0.15724	0.78973	0.84998	GPX1P1	chrX	-	13396854	13397459	606
ENSG0000(	5.414661	9.399135	-0.73785	0.30703	0.40864	KCNMB2	chr3	+	1.78E+08	1.79E+08	2552
ENSG0000(	0.580602	0.654722	-0.07721	0.96449	NA	AC107218.	chr2	-	2.15E+08	2.16E+08	543
ENSG0000(	1116.96	928.039	0.26689	0.015116	0.030607	ENTPD6	chr20	+	25176329	25207365	2766
ENSG0000(	0.923144	72.4044	-5.8494	2.05E-13	1.22E-12	DMBX1	chr1	+	46972668	46979898	2882
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	KLKP1	chr19	-	51385352	51399654	1532
ENSG0000(	3765.171	723.8985	2.3769	8.62E-117	6.32E-115	ENPP1	chr6	+	1.32E+08	1.32E+08	7442
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	C13orf35	chr13	+	1.13E+08	1.13E+08	2241
ENSG0000(	14.77356	3.757532	1.8827	0.018692	0.03714	CCDC154	chr16	-	1484384	1494557	2564
ENSG0000(	1571.243	854.7859	0.87654	2.18E-06	7.55E-06	FAR1	chr11	+	13690217	13753893	5820
ENSG0000(	543.4203	119.1968	2.1878	1.20E-35	1.87E-34	C5orf42	chr5	-	37106330	37249530	11250
ENSG0000(	2.551911	22.35512	-2.9641	5.71E-05	0.000168	AC022532.	chr10	+	72194585	72196314	1730
ENSG0000(	276.359	164.7528	0.74642	7.43E-05	0.000215	ZNF841	chr19	-	52567719	52599018	3876
ENSG0000(	332.8585	2.606733	6.8254	4.37E-41	7.91E-40	MFAP5	chr12	-	8789942	8815484	2845
ENSG0000(	0	2.474811	-2.4918	0.14342	0.21836	MYH6	chr14	-	23851199	23877486	5941
ENSG0000(	1.068702	0	1.3672	0.44297	NA	VN1R5	chr1	+	2.47E+08	2.47E+08	1072
ENSG0000(	84.50367	86.11696	-0.02181	0.92887	0.9529	ZNF615	chr19	-	52494585	52511483	4122
ENSG0000(	120.5681	45.04292	1.411	2.57E-06	8.82E-06	CXorf40A	chrX	+	1.49E+08	1.49E+08	2411
ENSG0000(	1059.321	1072.302	-0.01764	0.87011	0.90954	CDC42SE1	chr1	-	1.51E+08	1.51E+08	3181
ENSG0000(	29.75267	0.594029	5.0461	8.30E-08	3.26E-07	MPEG1	chr11	-	58975983	58980424	4442
ENSG0000(	556.9895	0	10.417	2.03E-22	1.91E-21	SERPINB2	chr18	+	61538926	61571124	2155
ENSG0000(	93.97569	65.26066	0.51936	0.065768	0.11296	DPP4	chr2	-	1.63E+08	1.63E+08	3904
ENSG0000(	38.97458	0	6.8795	7.78E-10	3.62E-09	PDCD1LG2	chr9	+	5510545	5571282	2363
ENSG0000(	13.99516	28.27105	-1.0029	0.026505	0.050852	ZNF433	chr19	-	12125547	12146556	2322
ENSG0000(	63.4051	8.369721	2.89	8.80E-12	4.68E-11	DNAH10	chr12	+	1.24E+08	1.24E+08	14166
ENSG0000(	37.00506	18.45513	0.99803	0.012846	0.026414	RP4-724E1	chr20	+	52169309	52191847	1947
ENSG0000(	16.94186	9.168518	0.85316	0.15129	0.22879	TBC1D3	chr17	-	36337711	36358166	3389
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CBX3P7	chr11	-	89026913	89027414	502
ENSG0000(	10906.54	6458.696	0.75555	9.92E-19	7.84E-18	SPTAN1	chr9	+	1.31E+08	1.31E+08	7872
ENSG0000(	112.058	232.1416	-1.0503	5.24E-06	1.74E-05	NMB	chr15	-	85198360	85201794	1017
ENSG0000(	2.500484	5.690142	-1.1064	0.29138	0.39318	HIST1H2BE	chr6	+	26183958	26184454	497
ENSG0000(	14.71114	39.19164	-1.3847	0.002797	0.006479	ZNF595	chr4	+	53179	88099	2908
ENSG0000(	3498.904	211.1787	4.0458	4.87E-169	7.03E-167	PARVA	chr11	+	12398732	12552348	4458
ENSG0000(	372.2648	185.1239	1.0024	3.54E-07	1.32E-06	KLHL14	chr18	-	30252634	30353025	4312
ENSG0000(	3245.683	181.7768	4.1406	1.56E-80	6.58E-79	FAM114A1	chr4	+	38869298	38947360	4050
ENSG0000(	688.7913	560.9344	0.29653	0.045506	0.081904	RPE	chr2	+	2.11E+08	2.11E+08	2569
ENSG0000(	86.3361	119.1144	-0.46781	0.055412	0.097261	ZNF460	chr19	+	57791419	57804937	3350

ENSG0000(	0	97.47387	-8.1226	8.21E-14	4.97E-13	CR1L	chr1	+	2.08E+08	2.08E+08	1788
ENSG0000(	2.520208	4.677714	-0.79121	0.4209	0.52628	HSPB9	chr17	+	40274756	40275371	616
ENSG0000(	1190.983	463.5382	1.3593	4.08E-22	3.77E-21	PHF2	chr9	+	96338689	96441869	5565
ENSG0000(	0.653381	1.545765	-0.93073	0.5518	0.65135	AL022341.	chr16	-	691039	691688	648
ENSG0000(	2466.265	3437.742	-0.4779	0.004011	0.009057	RPS26	chr12	+	56435637	56438116	1204
ENSG0000(	0.72616	0	0.85004	0.63064	NA	C14orf178	chr14	+	78227173	78236085	642
ENSG0000(	54.67145	114.3048	-1.0553	2.53E-05	7.75E-05	PTMAP2	chr5	+	1.18E+08	1.18E+08	327
ENSG0000(	11996.84	9320.945	0.36376	0.001622	0.003889	PSAP	chr10	-	73576055	73611126	2866
ENSG0000(	2742.647	841.7732	1.7029	9.84E-45	1.95E-43	S100A10	chr1	-	1.52E+08	1.52E+08	1202
ENSG0000(	3.475869	9.892053	-1.4344	0.11653	0.18422	WDR96	chr10	-	1.06E+08	1.06E+08	5365
ENSG0000(	12278.65	15308.76	-0.31778	0.007598	0.016324	RPL37A	chr2	+	2.17E+08	2.17E+08	3112
ENSG0000(	204.7099	6.130359	4.3046	0.000631	0.001614	HOXC6	chr12	+	54384408	54424607	2943
ENSG0000(	120.5896	80.1114	0.58294	0.10789	0.17217	TXNRD3	chr3	-	1.26E+08	1.26E+08	2950
ENSG0000(	9.047252	27.61807	-1.5635	0.016798	0.033683	CFD	chr19	+	859453	863569	1330
ENSG0000(	7.749862	16.02087	-1.0111	0.18542	0.27099	C9orf173	chr9	+	1.4E+08	1.4E+08	1206
ENSG0000(	66.24552	4.127392	3.953	8.45E-14	5.11E-13	MAP1LC3C	chr1	-	2.42E+08	2.42E+08	1182
ENSG0000(	1303.397	1592.293	-0.28836	0.039623	0.072785	MCMBP	chr10	-	1.22E+08	1.22E+08	4113
ENSG0000(	112.817	149.9384	-0.40445	0.30301	0.40429	EME2	chr16	+	1823208	1831709	5613
ENSG0000(	30.29041	0.640152	5.0631	6.59E-08	2.61E-07	KLHDC1	chr14	+	50159823	50219870	2691
ENSG0000(	164.0489	95.55423	0.77766	0.000663	0.00169	ZNF81	chrX	+	47696301	47861960	7933
ENSG0000(	660.4758	296.8619	1.1512	4.22E-11	2.15E-10	TAF13	chr1	-	1.1E+08	1.1E+08	1076
ENSG0000(	129.3228	103.5661	0.31939	0.19318	0.28059	ZNF780A	chr19	-	40575059	40596845	7500
ENSG0000(	1794.757	1924.211	-0.10012	0.48132	0.58561	ATAD3A	chr1	+	1447531	1470067	2612
ENSG0000(	386.3038	394.0903	-0.02873	0.88338	0.91869	FAM118B	chr11	+	1.26E+08	1.26E+08	2402
ENSG0000(	75.36041	62.68233	0.25591	0.37109	0.47551	ZNF461	chr19	-	37128094	37157755	3326
ENSG0000(	31.84044	10.83808	1.5168	0.001563	0.003761	CTC-301O7	chr19	-	49834874	49843865	573
ENSG0000(	21.96353	2.399549	3.0764	3.90E-05	0.000117	AC122129.	chr17	+	17761583	17762295	710
ENSG0000(	26.04991	18.44385	0.48715	0.31108	0.41304	CCDC180	chr9	+	1E+08	1E+08	7884
ENSG0000(	224.0826	315.2809	-0.49262	0.001481	0.00358	SLC9A8	chr20	+	48429250	48508779	6303
ENSG0000(	79.3578	396.4676	-2.3143	5.80E-31	7.70E-30	OCLN	chr5	+	68788119	68853931	6438
ENSG0000(	0.705622	0.357707	0.57557	0.74268	NA	AC061975.	chr17	-	26529824	26530831	150
ENSG0000(	5.995263	0	4.1392	0.002678	0.006223	C4orf22	chr4	+	81256874	81884910	3349
ENSG0000(	7.842365	5.407697	0.52747	0.47302	0.57768	AC011385.	chr5	-	1.38E+08	1.38E+08	1363
ENSG0000(	23.74462	46.47119	-0.94397	0.071646	0.1215	HIST4H4	chr12	-	14920933	14924065	1918
ENSG0000(	0	9.248611	-4.8302	0.000142	0.000396	CYP2A13	chr19	+	41594377	41602100	1739
ENSG0000(	69.7429	136.5214	-0.96507	2.27E-05	6.99E-05	ZNF181	chr19	+	35225060	35233777	3589
ENSG0000(	1.233984	2.414118	-0.76598	0.56349	0.66157	AL358813.	chr1	+	1.5E+08	1.5E+08	486
ENSG0000(	2.012384	2.370411	-0.20462	0.866	0.90671	HIST1H2BF	chr6	+	26199748	26200942	1195
ENSG0000(	4.616536	133.6947	-4.7825	2.33E-27	2.69E-26	SLC22A20	chr11	+	64981311	65010228	3196
ENSG0000(	8.225983	15.26007	-0.86064	0.17903	0.26306	POM121L6	chr6	+	26864126	26865739	1614
ENSG0000(	56.8611	548.6898	-3.26	6.52E-62	1.98E-60	FAM212B	chr1	-	1.12E+08	1.12E+08	5980
ENSG0000(	50.85206	78.27084	-0.61454	0.021522	0.042159	ZNF44	chr19	-	12335501	12405702	3236
ENSG0000(	1536.301	1444.955	0.088787	0.3796	0.48366	GPAA1	chr8	+	1.45E+08	1.45E+08	2078
ENSG0000(	983.1428	13.59701	6.0886	1.89E-92	9.79E-91	ADAMTSL2	chr9	+	1.36E+08	1.36E+08	4270
ENSG0000(	328.1667	201.1169	0.70434	7.81E-06	2.54E-05	SGTB	chr5	-	64961755	65018862	5469
ENSG0000(	49.64718	50.81228	-0.02646	0.93357	0.95639	ZNF790	chr19	-	37308330	37341689	3037
ENSG0000(	5.2374	26.7998	-2.2369	0.000482	0.001254	PRB3	chr12	-	11418857	11422739	1153
ENSG0000(	426.1182	116.4858	1.8667	1.66E-25	1.77E-24	FAM49A	chr2	-	16730727	16847599	4670
ENSG0000(	6601.555	2626.497	1.3273	5.86E-20	4.93E-19	MYO1C	chr17	-	1367392	1396106	5145
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	MDS2	chr1	+	23907985	23967058	1781
ENSG0000(	1.359003	0	1.8987	0.26617	NA	OR7E13P	chr11	-	86543582	86544491	910
ENSG0000(	123.1503	64.66106	0.92094	5.44E-05	0.00016	NKIRAS1	chr3	-	23933151	23988082	2391
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	UGT2B17	chr4	-	69402902	69434245	2077
ENSG0000(	1.286224	0	1.8436	0.2818	NA	MEIG1	chr10	+	15001438	15030049	625
ENSG0000(	544.1792	331.9198	0.70875	0.004584	0.010267	KIF13B	chr8	-	28924796	29120641	8745
ENSG0000(	1.555988	1.280305	0.22804	0.87543	0.91345	NRAP	chr10	-	1.15E+08	1.15E+08	5600
ENSG0000(	2227.34	3739.04	-0.74658	1.17E-13	7.05E-13	ADH5	chr4	-	99992132	1E+08	2612
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	SLC22A6	chr11	-	62703857	62752455	2151
ENSG0000(	628.2326	1240.064	-0.97354	0.001506	0.003637	HIST1H2BK	chr6	-	27106073	27114619	820
ENSG0000(	261.1682	1284.225	-2.2946	8.78E-68	3.03E-66	TEAD4	chr12	+	3068496	3149839	1690
ENSG0000(	1727.456	1794.065	-0.05507	0.60069	0.69453	SPG7	chr16	+	89557325	89624176	3076
ENSG0000(	8.643096	7.924599	0.1157	0.87659	0.91427	HIST1H4K	chr6	-	27798952	27799305	354
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	HRNR	chr1	-	1.52E+08	1.52E+08	9623
ENSG0000(	5.798278	0	4.1149	0.0026	0.006052	IFNA1	chr9	+	21440440	21441315	876
ENSG0000(	0	6.407972	-4.2326	0.001926	0.004568	HES5	chr1	-	2460184	2461684	1306

ENSG0000(	43.34547	14.61589	1.5337	0.00036	0.000952	C2orf27A	chr2	+	1.32E+08	1.33E+08	1331
ENSG0000(	31.37125	352.4534	-3.4706	7.48E-56	1.97E-54	ZNF677	chr19	-	53731577	53758151	8731
ENSG0000(	1083.009	734.8443	0.55772	0.00239	0.005585	ERO1L	chr14	-	53106634	53162618	5285
ENSG0000(	146.5456	144.1134	0.026363	0.90656	0.93567	F8A1	chrX	+	1.54E+08	1.54E+08	1701
ENSG0000(	23.44397	34.23639	-0.53946	0.16689	0.24819	ZNF823	chr19	-	11832080	11849824	2423
ENSG0000(	5.124359	8.654582	-0.70474	0.33861	0.44245	AP001597.	chr21	+	27765954	27941571	3412
ENSG0000(	3.164216	119.71	-5.0786	1.17E-22	1.11E-21	ZNF311	chr6	-	28962562	28973093	3027
ENSG0000(	40.40555	152.6101	-1.9047	1.70E-12	9.52E-12	ZNF347	chr19	-	53627325	53662328	4553
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	OR5H2	chr3	+	98001732	98002676	945
ENSG0000(	67.76662	189.9327	-1.4787	1.94E-07	7.40E-07	PLCG2	chr16	+	81772702	81991899	4308
ENSG0000(	604.3317	348.8598	0.78947	4.52E-06	1.51E-05	FCHSD1	chr5	-	1.41E+08	1.41E+08	4320
ENSG0000(	353.3137	353.2566	-7.49E-05	0.99972	0.99987	ZNF71	chr19	+	57106632	57137849	5428
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AADACL2	chr3	+	1.51E+08	1.51E+08	4848
ENSG0000(	5690.569	103.0499	5.776	0	0	S100A6	chr1	-	1.54E+08	1.54E+08	673
ENSG0000(	8640.309	14424.47	-0.73837	6.28E-09	2.71E-08	RPL12	chr9	-	1.3E+08	1.3E+08	2275
ENSG0000(	725.7907	13.92391	5.6773	1.77E-106	1.13E-104	DNM3	chr1	+	1.72E+08	1.72E+08	7643
ENSG0000(	228.685	2022.107	-3.1404	8.23E-128	7.18E-126	ZNF121	chr19	-	9671029	9695209	2407
ENSG0000(	2376.423	1278.849	0.89222	2.85E-09	1.26E-08	MPZL1	chr1	+	1.68E+08	1.68E+08	5010
ENSG0000(	897.0484	584.6081	0.61622	0.009136	0.019342	VPS13A	chr9	+	79792269	80036457	15320
ENSG0000(	148.7882	443.0386	-1.5641	3.49E-08	1.41E-07	MBP	chr18	-	74690783	74845639	9797
ENSG0000(	1694.662	1600.261	0.082554	0.46377	0.56879	AKAP17A	chrX	+	1710486	1721407	3232
ENSG0000(	38.00955	23.10538	0.7032	0.067303	0.11521	ELOVL2	chr6	-	10980992	11044547	3997
ENSG0000(	3.745632	0.98329	1.64	0.18435	0.26967	LEKR1	chr3	+	1.57E+08	1.57E+08	2881
ENSG0000(	1317.807	828.356	0.66806	4.50E-05	0.000134	C1orf122	chr1	+	38272651	38275126	2229
ENSG0000(	154.0086	305.5324	-0.98442	5.56E-05	0.000163	SNHG12	chr1	-	28905050	28909495	1903
ENSG0000(	3.620613	24.76441	-2.6897	1.07E-05	3.40E-05	PCDH20	chr13	-	61983818	62002220	6347
ENSG0000(	6.576679	16.53306	-1.2895	0.034986	0.065124	KEL	chr7	-	1.43E+08	1.43E+08	2812
ENSG0000(	636.3843	457.2258	0.47468	0.09458	0.1541	NOL8	chr9	-	95059640	95087918	4598
ENSG0000(	138.2802	91.9448	0.58501	0.03549	0.06598	IRAK4	chr12	+	44152747	44183346	4147
ENSG0000(	4.854596	118.6451	-4.5055	2.46E-20	2.10E-19	CCDC151	chr19	-	11531272	11546603	2448
ENSG0000(	0.72616	20.42742	-4.4788	5.58E-06	1.85E-05	DLGAP2	chr8	+	1449532	1656642	10132
ENSG0000(	555.54	991.7317	-0.83405	9.63E-13	5.48E-12	MRPL42	chr12	+	93861264	93897545	3138
ENSG0000(	570.5567	152.6499	1.9003	6.25E-37	1.01E-35	ENTPD7	chr10	+	1.01E+08	1.01E+08	3550
ENSG0000(	0.705622	0.700845	0.003311	0.99841	NA	FCGR1B	chr1	-	1.21E+08	1.21E+08	1044
ENSG0000(	745.2578	602.8185	0.30534	0.10452	0.16753	ZNF335	chr20	-	44577292	44600833	4430
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	TUBA3C	chr13	-	19747910	19755992	1551
ENSG0000(	8264.46	8967.089	-0.11746	0.36265	0.4668	RPS4X	chrX	-	71475529	71497150	1820
ENSG0000(	26.25969	15.44054	0.74184	0.11878	0.18728	AGAP9	chr10	+	48189612	48237508	2410
ENSG0000(	72.7239	246.675	-1.7532	1.46E-12	8.22E-12	ZNF273	chr7	+	64330550	64391344	3757
ENSG0000(	576.5485	629.2212	-0.12512	0.59206	0.68695	ZNF84	chr12	+	1.34E+08	1.34E+08	7162
ENSG0000(	344.2044	409.8324	-0.24977	0.31627	0.419	MAK16	chr8	+	33342268	33358778	3991
ENSG0000(	0.290301	0	0.4146	0.81455	NA	ZNF667	chr19	-	56950694	56989434	5250
ENSG0000(	0	2.353426	-2.7264	0.084821	0.14042	AVPR1B	chr1	+	2.06E+08	2.06E+08	2237
ENSG0000(	1059.79	302.8098	1.8049	6.94E-45	1.38E-43	SIRPA	chr20	+	1875154	1920543	3996
ENSG0000(	920.1037	1925.849	-1.0644	1.09E-15	7.45E-15	GRK6	chr5	+	1.77E+08	1.77E+08	2939
ENSG0000(	99.08188	428.3807	-2.1052	3.17E-21	2.83E-20	PRIM1	chr12	-	57125406	57146157	1393
ENSG0000(	791.5631	539.6227	0.55059	0.001475	0.003568	5-Mar	chr10	+	94050920	94113721	3926
ENSG0000(	0.36308	0	0.4146	0.81455	NA	61E3.4	chr16	-	30234258	30265831	3584
ENSG0000(	12.79191	0	5.2011	4.79E-05	0.000142	AKR1B10	chr7	+	1.34E+08	1.34E+08	1590
ENSG0000(	13.80674	48.80125	-1.7984	8.10E-06	2.63E-05	SULT1C4	chr2	+	1.09E+08	1.09E+08	1860
ENSG0000(	1.213446	0	1.5515	0.38249	NA	CYP2A7	chr19	-	41381344	41388657	2281
ENSG0000(	247.9429	293.3077	-0.24249	0.11297	0.17927	ZBTB14	chr18	-	5289018	5297052	3528
ENSG0000(	277.6778	854.3764	-1.6181	6.65E-31	8.81E-30	CD2AP	chr6	+	47445525	47594999	5412
ENSG0000(	0.685084	37.24292	-5.3502	5.64E-09	2.44E-08	NUP62CL	chrX	-	1.06E+08	1.06E+08	1755
ENSG0000(	340.7267	501.3481	-0.55556	0.009184	0.019433	SFI1	chr22	+	31884674	32014572	5250
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	TMPRSS11I	chr4	-	68918916	68995598	2088
ENSG0000(	74.62676	476.7995	-2.6585	6.98E-31	9.24E-30	ZNF649	chr19	-	52392477	52408293	3197
ENSG0000(	1.379541	1.638012	-0.22577	0.86933	0.90911	ADH4	chr4	-	1E+08	1E+08	2151
ENSG0000(	0.290301	0.937167	-0.88973	0.60765	NA	AL138751.	chr9	-	74576256	74576469	210
ENSG0000(	183.0096	127.4834	0.52015	0.044666	0.080588	ZNF248	chr10	-	38091751	38147034	5141
ENSG0000(	18.39157	17.46539	0.072435	0.87804	0.91499	SNX29P2	chr16	+	29262829	29519817	6046
ENSG0000(	1289.247	11.96545	6.6823	3.09E-118	2.33E-116	CHSY3	chr5	+	1.29E+08	1.3E+08	3850
ENSG0000(	306.0184	159.1313	0.93259	0.006593	0.014334	TOR4A	chr9	+	1.4E+08	1.4E+08	4148
ENSG0000(	2775.405	82.4469	5.0635	3.50E-284	1.47E-281	LPAR1	chr9	-	1.14E+08	1.14E+08	3637
ENSG0000(	2.86275	2.102535	0.42198	0.72425	0.79599	MB	chr22	-	36002811	36033998	1197

ENSG0000(	0	0.297015	-0.41864	0.81278	NA	OR2L3	chr1	+	2.48E+08	2.48E+08	939
ENSG0000(	410.0321	320.7538	0.35357	0.043475	0.078834	HIBCH	chr2	-	1.91E+08	1.91E+08	3383
ENSG0000(	195.5669	606.6852	-1.6202	1.37E-07	5.31E-07	ZNF544	chr19	+	58739960	58788815	4109
ENSG0000(	3.008307	13.70383	-2.0925	0.008423	0.017938	TMEM229E	chr14	-	67913801	68000456	4068
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	RP11-267J	chr12	+	12264097	12264423	327
ENSG0000(	639.8061	582.8405	0.13268	0.32586	0.42877	SOWAHC	chr2	+	1.1E+08	1.1E+08	4653
ENSG0000(	439.334	1847.297	-2.0696	4.25E-51	1.00E-49	ZNF770	chr15	-	35270542	35280488	5439
ENSG0000(	26.72301	26.33206	0.022677	0.96323	0.97841	AC135178.	chr17	-	8261731	8263538	1808
ENSG0000(	33.85185	113.7026	-1.745	1.04E-07	4.05E-07	ZNF876P	chr4	+	206399	249774	2598
ENSG0000(	1.649304	3.022717	-0.76373	0.5108	0.61399	A-575C2.4	chr16	-	28353876	28374829	2016
ENSG0000(	118.0114	518.645	-2.1243	2.64E-17	1.96E-16	HMGN5	chrX	-	80369200	80457441	2126
ENSG0000(	580.7744	424.4307	0.45306	0.007206	0.015557	MIER1	chr1	+	67390578	67454302	4978
ENSG0000(	1349.432	420.4753	1.6814	8.16E-50	1.85E-48	MAN1A2	chr1	+	1.18E+08	1.18E+08	8576
ENSG0000(	320.9866	161.6331	0.98704	1.01E-06	3.61E-06	SVIP	chr11	-	22835345	22851845	4541
ENSG0000(	238.9822	199.1782	0.25992	0.25287	0.34981	ZNF251	chr8	-	1.46E+08	1.46E+08	2807
ENSG0000(	592.4551	780.4918	-0.39753	0.001285	0.003133	DDRGK1	chr20	-	3170996	3185331	1306
ENSG0000(	1554.895	1288.644	0.27016	0.20101	0.28974	TFDP1	chr13	+	1.14E+08	1.14E+08	2648
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	CLEC4C	chr12	-	7882011	7904201	1314
ENSG0000(	62.45041	251.0899	-1.996	2.96E-21	2.64E-20	ZNF607	chr19	-	38187264	38210691	4364
ENSG0000(	38.17646	182.4002	-2.2491	3.61E-19	2.91E-18	ZNF334	chr20	-	45129701	45142198	3487
ENSG0000(	170.1959	124.3254	0.45382	0.029487	0.055927	HSD17B11	chr4	-	88257762	88312538	1885
ENSG0000(	1083.717	309.3543	1.8058	5.40E-37	8.73E-36	SZT2	chr1	+	43855553	43918321	12281
ENSG0000(	9.947252	18.81122	-0.88349	0.12029	0.18921	SULT1C2	chr2	+	1.09E+08	1.09E+08	6366
ENSG0000(	91.32444	92.17473	-0.01822	0.94451	0.96429	ZXDA	chrX	-	57931864	57937067	5204
ENSG0000(	25.90419	148.322	-2.5132	9.99E-16	6.82E-15	RPS6KL1	chr14	-	75370657	75390099	5456
ENSG0000(	0.705622	18.6736	-4.3173	2.65E-05	8.09E-05	CACNA1E	chr1	+	1.81E+08	1.82E+08	16170
ENSG0000(	1778.223	1982.683	-0.1567	0.18574	0.27136	QRICH1	chr3	-	49067140	49131796	3549
ENSG0000(	27.60752	97.016	-1.8003	6.42E-06	2.11E-05	MLLT4-AS1	chr6	-	1.68E+08	1.68E+08	2238
ENSG0000(	1.359003	13.66174	-3.1099	0.00079	0.00199	CSF2RA	chrX	+	1387693	1429274	2291
ENSG0000(	7.137557	12.7043	-0.81619	0.2097	0.29973	FKBP1C	chr6	+	63921351	63922929	1579
ENSG0000(	2732.555	2877.281	-0.07422	0.68465	0.76465	DDX42	chr17	+	61850963	61896677	4337
ENSG0000(	10.10479	6.9826	0.50586	0.47687	0.58143	RP11-98J2	chr5	+	69171098	69274436	633
ENSG0000(	335.6313	637.6531	-0.92505	5.37E-10	2.53E-09	RPL23A	chr17	+	27046411	27051377	1562
ENSG0000(	102.6624	251.4486	-1.2894	3.19E-11	1.64E-10	SLC29A3	chr10	+	73079015	73123142	2257
ENSG0000(	0.290301	2.07098	-1.8977	0.2248	0.3174	CTC-490E2	chr19	-	41414377	41416754	660
ENSG0000(	486.412	674.416	-0.47008	0.00732	0.015771	STYX	chr14	+	53196898	53241716	4857
ENSG0000(	1805.452	1923.882	-0.0909	0.47892	0.58322	UBL5	chr19	+	9938568	9940791	1450
ENSG0000(	771.9608	772.0484	-9.51E-05	0.99946	0.99974	HELZ	chr17	-	65066554	65242105	13810
ENSG0000(	28.30973	71.0293	-1.3116	0.000126	0.000354	TMEM116	chr12	-	1.12E+08	1.12E+08	3640
ENSG0000(	602.665	691.4422	-0.19722	0.12798	0.19906	UCKL1	chr20	-	62571186	62587769	1954
ENSG0000(	4.128436	1172.972	-7.9928	3.02E-86	1.42E-84	CARD11	chr7	-	2945775	3083579	4366
ENSG0000(	20.22849	73.61407	-1.8341	3.13E-06	1.06E-05	ZNF485	chr10	+	44101855	44113351	2054
ENSG0000(	371.7973	520.2022	-0.48187	0.031015	0.05839	SDAD1	chr4	-	76862103	76912115	3080
ENSG0000(	0.72616	0	0.85004	0.63064	NA	SPDYE8P	chr7	-	72490260	72500313	2818
ENSG0000(	11.51603	2.027273	2.3464	0.007985	0.017068	RP11-381C	chr9	+	66960613	66964189	885
ENSG0000(	439.7618	247.3909	0.82852	3.37E-09	1.49E-08	ZKSCAN8	chr6	+	28109716	28124089	4215
ENSG0000(	555.1677	369.5407	0.58394	0.006787	0.014725	FAM109A	chr12	-	1.12E+08	1.12E+08	3256
ENSG0000(	0.290301	0	0.4146	0.81455	NA	TMEM239	chr20	+	2795614	2800930	3892
ENSG0000(	98.67708	118.9776	-0.26637	0.20422	0.29333	HYLS1	chr11	+	1.26E+08	1.26E+08	2061
ENSG0000(	20.85017	0.640152	4.5407	3.23E-06	1.10E-05	MYL4	chr17	+	45277812	45301045	920
ENSG0000(	16.89818	63.50851	-1.88	9.42E-07	3.37E-06	HIST1H4I	chr6	+	27107076	27108418	1343
ENSG0000(	2.282147	22.74358	-3.1661	7.51E-06	2.45E-05	ZNF442	chr19	-	12460185	12476719	2797
ENSG0000(	82.1855	469.1987	-2.5096	2.16E-35	3.33E-34	ZNF813	chr19	+	53970989	54006950	6151
ENSG0000(	99.54863	3.042118	4.9194	5.93E-18	4.54E-17	HOXC4	chr12	+	54410715	54449814	1666
ENSG0000(	101.5869	24.05303	2.0726	2.05E-11	1.07E-10	DCAF12L2	chrX	-	1.25E+08	1.25E+08	1652
ENSG0000(	666.2123	1261.542	-0.91874	5.22E-08	2.08E-07	PIM3	chr22	+	50354161	50357728	2369
ENSG0000(	1387.612	1867.445	-0.42763	3.88E-05	0.000116	ASNA1	chr19	+	12847953	12859137	1368
ENSG0000(	0	1.340997	-1.8899	0.26871	NA	RP11-544M	chr1	+	1.61E+08	1.61E+08	2136
ENSG0000(	3162.68	1118.678	1.4982	2.60E-48	5.68E-47	ASPH	chr8	-	62413116	62627155	5153
ENSG0000(	2.282147	2.010288	0.17288	0.8799	0.91625	HIST1H3A	chr6	+	26020718	26021186	469
ENSG0000(	2404.949	743.7746	1.6896	2.92E-27	3.35E-26	SPRED2	chr2	-	65537985	65659771	4097
ENSG0000(	771.8734	1091.738	-0.5	2.79E-05	8.50E-05	WWP2	chr16	+	69796209	69975644	4515
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	HIST1H2AL	chr6	+	27833034	27833606	573
ENSG0000(	2752.496	1923.876	0.51591	0.000202	0.000552	GFPT1	chr2	-	69546905	69614382	8695
ENSG0000(	389.1177	277.2898	0.48546	0.039055	0.071854	UVRAG	chr11	+	75526212	75854239	4123

ENSG0000(	0.943682	3.039702	-1.3999	0.27034	0.36948	TPTE2P3	chr13	+	53063128	53161222	2610
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	AC092291.	chr16	-	14548061	14548155	90
ENSG0000(	125.5935	163.6955	-0.37652	0.23214	0.32556	ZNF26	chr12	+	1.34E+08	1.34E+08	4853
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	TMEM207	chr3	-	1.9E+08	1.9E+08	1448
ENSG0000(	480.6014	226.4189	1.0824	1.97E-09	8.85E-09	ITSN2	chr2	-	24425733	24583583	6300
ENSG0000(	5.580756	3.512346	0.60526	0.50143	0.60501	NTRK1	chr1	+	1.57E+08	1.57E+08	3052
ENSG0000(	38.38363	28.45554	0.42636	0.29254	0.3944	BZW1P2	chr3	-	1.16E+08	1.16E+08	826
ENSG0000(	3516.974	4034.406	-0.19806	0.023978	0.046456	MGEA5	chr10	-	1.04E+08	1.04E+08	5146
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	TATDN2P1	chrX	+	44143162	44145492	2331
ENSG0000(	3.112789	2.292733	0.3711	0.73329	0.80297	CTD-2173L	chr9	-	39443804	39464526	4037
ENSG0000(	28.57688	231.0477	-2.9879	7.05E-29	8.59E-28	MT1F	chr16	+	56691606	56694610	1573
ENSG0000(	1356.897	379.6218	1.8326	1.03E-26	1.16E-25	FAM115A	chr7	-	1.44E+08	1.44E+08	5733
ENSG0000(	43.65892	86.2431	-0.9735	0.007661	0.016448	ZNF69	chr19	+	11998599	12025144	2010
ENSG0000(	2132.711	2386.956	-0.16225	0.24382	0.33938	TXNRD1	chr12	+	1.05E+08	1.05E+08	3974
ENSG0000(	115.9264	1410.1	-3.5897	3.94E-65	1.30E-63	NRARP	chr9	-	1.4E+08	1.4E+08	2621
ENSG0000(	74.26791	15.37655	2.2505	1.44E-08	6.02E-08	ZNF583	chr19	+	56909335	56947404	4916
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	F8A2	chrX	+	1.55E+08	1.55E+08	1701
ENSG0000(	37.19349	55.32665	-0.57304	0.081368	0.13553	ZNF568	chr19	+	37407231	37489602	3774
ENSG0000(	0.36308	0	0.4146	0.81455	NA	C9orf141	chr9	+	1.4E+08	1.4E+08	978
ENSG0000(	186.117	333.855	-0.83815	3.68E-06	1.24E-05	ZXDB	chrX	+	57618269	57623906	5638
ENSG0000(	140.779	319.1538	-1.1676	0.001536	0.003702	ZNF480	chr19	+	52800430	52829175	4738
ENSG0000(	622.8985	587.0265	0.085751	0.44848	0.55394	ZNF587	chr19	+	58361225	58376480	6882
ENSG0000(	9157.728	1173.449	2.961	1.63E-153	1.94E-151	TPM2	chr9	-	35681989	35691017	2147
ENSG0000(	105.1441	303.4977	-1.5254	9.38E-13	5.34E-12	FLVCR1-AS:	chr1	-	2.13E+08	2.13E+08	2525
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RTP2	chr3	-	1.87E+08	1.87E+08	1346
ENSG0000(	108.2036	132.3125	-0.28805	0.23619	0.3302	ZNF280B	chr22	-	22838767	22863505	5726
ENSG0000(	212.2004	476.732	-1.1628	5.17E-14	3.18E-13	SH3BGRL2	chr6	+	80341000	80413372	4649
ENSG0000(	103.9441	319.4845	-1.6187	9.10E-17	6.57E-16	ZNF808	chr19	+	53030905	53067717	4233
ENSG0000(	44.31051	233.0485	-2.3906	6.24E-23	6.01E-22	ANKRD35	chr1	+	1.46E+08	1.46E+08	3342
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	B3GNT6	chr11	+	76745385	76753096	2639
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	RP11-208N	chr3	-	1.87E+08	1.87E+08	2674
ENSG0000(	1566.02	3045.078	-0.95701	1.77E-08	7.35E-08	YTHDF2	chr1	+	29063133	29096287	2925
ENSG0000(	46.274	54.93813	-0.23956	0.45868	0.564	NBR2	chr17	+	41277627	41305688	1344
ENSG0000(	438.6648	486.8032	-0.14984	0.40987	0.51465	TMA16	chr4	+	1.64E+08	1.64E+08	1978
ENSG0000(	10.551	0	5.0188	5.89E-05	0.000173	HLA-DRB5	chr6	-	32485120	32498064	1260
ENSG0000(	185.8618	63.48831	1.5489	9.59E-13	5.46E-12	ATL1	chr14	+	50999227	51099786	2853
ENSG0000(	2.032108	11.8675	-2.2508	0.026698	0.051185	CNGA1	chr4	-	47937994	48018689	2867
ENSG0000(	186.446	271.4375	-0.53999	0.014783	0.029979	MAFK	chr7	+	1570350	1582679	3368
ENSG0000(	4.253456	12.36357	-1.4708	0.033696	0.062971	HIST1H4E	chr6	+	26204858	26206266	1409
ENSG0000(	16.28766	8.603627	0.88882	0.19508	0.28291	C1orf228	chr1	+	45140364	45191263	2113
ENSG0000(	270.0926	642.4853	-1.247	1.16E-13	6.96E-13	ZNF43	chr19	-	21987752	22034927	5584
ENSG0000(	429.0144	436.8703	-0.02475	0.89139	0.92458	GPN1	chr2	+	27851114	27874375	2496
ENSG0000(	5.063559	0.343138	3.1298	0.021331	0.041825	PLN	chr6	+	1.19E+08	1.19E+08	2001
ENSG0000(	12.33388	8.579321	0.51164	0.40855	0.51339	C2CD4A	chr15	+	62359176	62363116	3445
ENSG0000(	123.1377	226.943	-0.87451	2.49E-05	7.63E-05	ZNF28	chr19	-	53300662	53360853	5171
ENSG0000(	1363.123	0	11.585	1.86E-27	2.15E-26	ITGBL1	chr13	+	1.02E+08	1.02E+08	2494
ENSG0000(	130.986	184.4251	-0.4871	0.018588	0.036963	ZNF511	chr10	+	1.35E+08	1.35E+08	2004
ENSG0000(	0.342542	17.43471	-4.5473	0.000759	0.001918	C20orf203	chr20	-	31220661	31239680	3456
ENSG0000(	244.212	211.5342	0.20736	0.17626	0.25969	ZNF627	chr19	+	11670189	11729950	2840
ENSG0000(	9.046438	2.947455	1.5228	0.069279	0.11807	KCNRG	chr13	+	50589390	50595058	1623
ENSG0000(	585.8787	1315.036	-1.164	8.48E-17	6.13E-16	WDHD1	chr14	-	55405668	55493823	5996
ENSG0000(	212.2655	185.5655	0.19316	0.29382	0.39587	ZNF789	chr7	+	99070464	99101273	4253
ENSG0000(	4311.186	4839.992	-0.16667	0.11172	0.17746	CTNND1	chr11	+	57520715	57587018	6553
ENSG0000(	1238.904	1272.98	-0.03918	0.77626	0.83922	DDX39B	chr6	-	31497996	31510225	5158
ENSG0000(	16.14292	8.928164	0.81071	0.18947	0.27588	SLC34A3	chr9	+	1.4E+08	1.4E+08	2162
ENSG0000(	0	1.340997	-1.8899	0.26871	NA	RD3	chr1	-	2.12E+08	2.12E+08	4266
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	SPANXC	chrX	-	1.4E+08	1.4E+08	387
ENSG0000(	14.68025	126.1674	-3.0871	2.30E-20	1.97E-19	ARC	chr8	-	1.44E+08	1.44E+08	3948
ENSG0000(	9.843585	21.65106	-1.1037	0.054387	0.095668	AC073343.	chr7	+	6713376	6715991	1170
ENSG0000(	1173.263	615.331	0.92969	2.67E-14	1.67E-13	NUDT16	chr3	+	1.31E+08	1.31E+08	6117
ENSG0000(	726.0965	973.6738	-0.42178	0.000398	0.001047	TLK1	chr2	-	1.72E+08	1.72E+08	5730
ENSG0000(	911.246	1845.559	-1.0168	3.13E-19	2.54E-18	LRBA	chr4	-	1.51E+08	1.52E+08	10313
ENSG0000(	8.870805	15.76186	-0.80953	0.25174	0.34852	C3orf35	chr3	+	37427760	37476988	1859
ENSG0000(	0	4.424406	-3.6617	0.011399	0.023663	ZNF536	chr19	+	30719197	31204445	4945
ENSG0000(	949.2701	1601.438	-0.75272	3.27E-05	9.86E-05	MMP17	chr12	+	1.32E+08	1.32E+08	2411

ENSG0000(	987.6139	823.102	0.26291	0.050383	0.08952	BAZ1A	chr14	-	35221937	35344853	6010
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AKR1C4	chr10	+	5237425	5260912	1414
ENSG0000(	1211.864	773.769	0.64712	1.96E-06	6.82E-06	COPS8	chr2	+	2.38E+08	2.38E+08	4007
ENSG0000(	680.7484	844.9599	-0.31053	0.046389	0.083358	PPIAP22	chr21	+	20230097	20230594	498
ENSG0000(	39.2529	407.9104	-3.3613	3.36E-59	9.59E-58	CCDC69	chr5	-	1.51E+08	1.51E+08	3451
ENSG0000(	818.4628	980.9822	-0.26171	0.053658	0.09459	MDM4	chr1	+	2.04E+08	2.05E+08	10073
ENSG0000(	114.5321	218.2122	-0.92727	2.01E-05	6.22E-05	RYR2	chr1	+	2.37E+08	2.38E+08	16562
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	ZNF534	chr19	+	52932440	52955568	2086
ENSG0000(	1142.433	474.182	1.2671	1.22E-25	1.31E-24	KLHL9	chr9	-	21329670	21335379	5710
ENSG0000(	0.36308	1.188058	-0.99796	0.5724	NA	FAM3D	chr3	-	58619673	58652575	1319
ENSG0000(	1166.479	201.2596	2.5269	2.66E-65	8.77E-64	NCOA6	chr20	-	33284722	33413452	9311
ENSG0000(	698.609	561.6208	0.31369	0.030977	0.05834	STK39	chr2	-	1.69E+08	1.69E+08	3820
ENSG0000(	0	1.98115	-2.4527	0.13291	0.20539	TAT	chr16	-	71599563	71611033	3983
ENSG0000(	743.4964	194.2297	1.9364	3.06E-42	5.71E-41	C6orf89	chr6	+	36839646	36892331	2565
ENSG0000(	6145.937	3891.031	0.65887	1.75E-08	7.27E-08	CALM1	chr14	+	90862846	90874605	4242
ENSG0000(	0.36308	0.654722	-0.52647	0.7643	NA	LPA	chr6	-	1.61E+08	1.61E+08	6490
ENSG0000(	3.060548	12.36599	-1.9307	0.013872	0.028308	FAM19A2	chr12	-	62102040	62672931	4128
ENSG0000(	2011.616	932.8938	1.1056	7.82E-08	3.08E-07	TTC37	chr5	-	94799599	94890711	5706
ENSG0000(	729.1868	229.5722	1.6593	4.41E-16	3.06E-15	TUSC1	chr9	-	25676396	25678856	2461
ENSG0000(	0.342542	0	0.4146	0.81455	NA	MAGEA1	chrX	-	1.52E+08	1.52E+08	1708
ENSG0000(	1491.696	646.9743	1.2043	5.79E-27	6.55E-26	PAPSS2	chr10	+	89419370	89507462	3949
ENSG0000(	0.36308	1.652581	-1.6393	0.29595	0.39799	C3orf27	chr3	-	1.28E+08	1.28E+08	2697
ENSG0000(	340.1557	213.2555	0.67347	1.02E-05	3.26E-05	SLC9A6	chrX	+	1.35E+08	1.35E+08	4681
ENSG0000(	340.8585	388.9477	-0.18933	0.15542	0.23401	FAN1	chr15	+	31196055	31235311	4999
ENSG0000(	7.758422	1.995719	1.8277	0.046272	0.083179	ABCA4	chr1	-	94458393	94586688	7309
ENSG0000(	283.6043	335.9724	-0.24197	0.22797	0.32099	EIF1AY	chrY	+	22737611	22755040	3148
ENSG0000(	6127.286	8193.315	-0.41906	2.94E-06	1.00E-05	MT-ND6	chrMT	-	14149	14673	525
ENSG0000(	2661.963	2394.204	0.15283	0.30949	0.41131	IPO9	chr1	+	2.02E+08	2.02E+08	11435
ENSG0000(	486.2337	145.4128	1.7353	2.51E-10	1.21E-09	CEP290	chr12	-	88442793	88535993	7948
ENSG0000(	11.80471	19.0654	-0.66705	0.2389	0.33356	C1orf191	chr1	+	54703710	54704736	1027
ENSG0000(	34244.26	60015.4	-0.80872	8.14E-14	4.94E-13	MT-CO2	chrMT	+	7586	8269	684
ENSG0000(	531.9868	519.273	0.036383	0.79577	0.85521	C1orf85	chr1	-	1.56E+08	1.56E+08	1604
ENSG0000(	252.8536	112.5977	1.1662	3.11E-06	1.06E-05	FAM179B	chr14	+	45431411	45543634	6375
ENSG0000(	12.74741	689.1223	-5.7121	3.69E-88	1.78E-86	DLL1	chr6	-	1.71E+08	1.71E+08	3174
ENSG0000(	422.1836	626.4555	-0.56787	0.003358	0.007683	ANKRD13B	chr17	+	27916787	27941779	3214
ENSG0000(	173.5672	237.1612	-0.44935	0.016671	0.03345	ECI2	chr6	-	4115923	4135831	3870
ENSG0000(	858.5641	1756.482	-1.0321	1.49E-21	1.35E-20	UNC13B	chr9	+	35161999	35405335	6303
ENSG0000(	0	12.32074	-5.1666	5.50E-05	0.000162	C19orf45	chr19	+	7557862	7573336	1679
ENSG0000(	28562.16	28161.09	0.02036	0.90471	0.93419	MT-CYB	chrMT	+	14747	15887	1141
ENSG0000(	1750.705	2141.165	-0.28996	0.017493	0.034971	LDB1	chr10	-	1.04E+08	1.04E+08	2285
ENSG0000(	21.70216	12.41782	0.77734	0.12521	0.19562	PPP1R14C	chr6	+	1.5E+08	1.51E+08	2152
ENSG0000(	1045	1093.239	-0.0643	0.55673	0.65578	CTR9	chr11	+	10772534	10801290	4586
ENSG0000(	53.22736	8.181938	2.6687	5.68E-08	2.26E-07	SMOC1	chr14	+	70320848	70499083	3666
ENSG0000(	0.705622	1.248751	-0.63959	0.68663	0.76619	F5	chr1	-	1.69E+08	1.7E+08	7039
ENSG0000(	495.428	433.3983	0.19156	0.15754	0.23678	MSRB1	chr16	-	1988211	1993327	1423
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	SMIM11P1	chr6	-	86444925	86445786	862
ENSG0000(	80.38061	56.79587	0.45216	0.67128	0.75379	LRRTM3	chr10	+	68685764	68859588	4358
ENSG0000(	389.5207	773.9188	-0.98785	2.34E-06	8.08E-06	ZNF652	chr17	-	47366568	47439835	5988
ENSG0000(	1001.642	667.4071	0.58453	2.29E-05	7.03E-05	SMURF1	chr7	-	98625061	98741723	5737
ENSG0000(	5503.456	586.4445	3.2222	1.18E-77	4.83E-76	SLC5A3	chr21	+	35445870	35478559	11574
ENSG0000(	12.06672	27.47151	-1.1745	0.021141	0.041496	RP5-857K2	chr1	+	569756	570302	547
ENSG0000(	192.0807	292.0789	-0.601	0.003642	0.008286	GPATCH3	chr1	-	27216979	27226957	2123
ENSG0000(	49.94253	77.11279	-0.62829	0.033526	0.062673	GATSL2	chr7	-	74807499	74867509	1264
ENSG0000(	4401.915	2191.896	1.0046	3.11E-21	2.77E-20	CDC42BPB	chr14	-	1.03E+08	1.04E+08	6758
ENSG0000(	175.8306	19.47085	3.1441	2.57E-20	2.20E-19	PLXNB3	chrX	+	1.53E+08	1.53E+08	6377
ENSG0000(	6.773664	8.311444	-0.27101	0.69374	0.77159	OXCT2	chr1	-	40235195	40237020	1826
ENSG0000(	7306.709	12602.51	-0.78599	1.23E-20	1.06E-19	RPL10A	chr6	+	35436185	35438562	1069
ENSG0000(	81.39928	27.88582	1.5413	3.34E-06	1.13E-05	COLGALT2	chr1	-	1.84E+08	1.84E+08	5177
ENSG0000(	0	10.72556	-5.044	5.25E-05	0.000155	EGFL6	chrX	+	13587724	13651694	2398
ENSG0000(	15999.87	30183.05	-0.91501	5.76E-21	5.07E-20	MT-ND2	chrMT	+	4470	5511	1042
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	SYCP1	chr1	+	1.15E+08	1.16E+08	3522
ENSG0000(	309.3909	69.28379	2.1448	6.48E-25	6.74E-24	APCDD1L	chr20	-	57034157	57090187	3426
ENSG0000(	65.30021	6.993137	3.1346	1.95E-11	1.01E-10	RCSD1	chr1	+	1.68E+08	1.68E+08	3135
ENSG0000(	84.6049	1.888903	5.2416	2.06E-16	1.46E-15	RASSF9	chr12	-	86198331	86230348	1826
ENSG0000(	45.87147	931.5273	-4.3334	1.98E-110	1.33E-108	FAM169A	chr5	-	74073399	74162776	5990

ENSG0000(	220.982	309.4934	-0.48449	0.004158	0.00937	ZNF830	chr17	+	33288549	33290205	1657
ENSG0000(	17.61578	19.76129	-0.15586	0.77185	0.83564	GRIN3A	chr9	-	1.04E+08	1.05E+08	7770
ENSG0000(	18174.16	25062.24	-0.46323	2.57E-05	7.86E-05	MT-ND5	chrMT	+	12337	14148	1812
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	MUC2	chr11	+	1074875	1104419	8637
ENSG0000(	966.2076	1370.003	-0.50232	0.005167	0.011484	CNOT7	chr8	-	17086737	17104387	2649
ENSG0000(	1577.314	1462.657	0.1088	0.37066	0.47519	TMEM184E	chr22	-	38615298	38669040	3667
ENSG0000(	2041.311	2307.192	-0.17675	0.054856	0.096375	MTOR	chr1	-	11166592	11322564	8677
ENSG0000(	118.5798	1306.454	-3.4556	2.59E-101	1.50E-99	SCAMP5	chr15	+	75249560	75313837	3427
ENSG0000(	1003.171	251.9619	1.9875	5.85E-25	6.09E-24	ZNF521	chr18	-	22641890	22932154	4871
ENSG0000(	454.7731	2.745103	6.1254	2.52E-06	8.68E-06	ALPK2	chr18	-	56148479	56296189	7303
ENSG0000(	18.82922	1.684135	3.3115	3.11E-05	9.41E-05	FAM5B	chr1	+	1.77E+08	1.77E+08	3558
ENSG0000(	0	1.730259	-1.9792	0.25882	NA	MAGEB3	chrX	+	30248553	30255607	2303
ENSG0000(	256.5474	382.4407	-0.57504	0.000276	0.000742	LRIG2	chr1	+	1.14E+08	1.14E+08	5076
ENSG0000(	123443.1	173824.9	-0.49317	9.28E-05	0.000266	MT-CO1	chrMT	+	5904	7445	1542
ENSG0000(	524.1656	801.7152	-0.61105	0.001404	0.003404	PNP	chr14	+	20937113	20945253	2573
ENSG0000(	0.342542	9.683996	-4.0713	0.000976	0.002426	PAX9	chr14	+	37126773	37148920	4514
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	LRRC10	chr12	-	70002351	70004942	2592
ENSG0000(	102.2333	64.36559	0.66383	0.007019	0.015193	GK	chrX	+	30671476	30748725	3707
ENSG0000(	808.1593	686.6346	0.23495	0.032399	0.06078	FOXJ3	chr1	-	42642210	42801548	5352
ENSG0000(	322.9313	271.5837	0.25143	0.10633	0.17007	ZNF358	chr19	+	7580178	7585912	1954
ENSG0000(	553.6034	665.1505	-0.26464	0.041181	0.075226	SFT2D1	chr6	-	1.67E+08	1.67E+08	2576
ENSG0000(	0	10.30716	-4.9919	6.52E-05	0.00019	CD247	chr1	-	1.67E+08	1.67E+08	2922
ENSG0000(	2.624689	20.27448	-2.827	6.31E-05	0.000184	GRM3	chr7	+	86273230	86494200	4268
ENSG0000(	466.9356	626.2261	-0.4212	0.087327	0.14409	CHAMP1	chr13	+	1.15E+08	1.15E+08	3788
ENSG0000(	699.758	394.88	0.82409	4.92E-11	2.50E-10	INPP5F	chr10	+	1.21E+08	1.22E+08	4925
ENSG0000(	1361.531	1637.625	-0.26558	0.027333	0.052297	ARHGAP11	chr15	+	32907345	32932150	5898
ENSG0000(	4.221753	0	3.6318	0.011389	0.023647	SUCNR1	chr3	+	1.52E+08	1.52E+08	1439
ENSG0000(	5544.331	4823.707	0.20031	0.31526	0.41791	HMGN2	chr1	+	26798941	26802463	1496
ENSG0000(	1503.366	170.0444	3.1252	2.82E-31	3.79E-30	SELM	chr22	-	31500758	31516055	2070
ENSG0000(	1819.115	335.1467	2.4372	3.29E-106	2.07E-104	UBE2J1	chr6	-	90036344	90062567	4290
ENSG0000(	35.87891	12.07227	1.5405	0.001135	0.002793	GJC2	chr1	+	2.28E+08	2.28E+08	2243
ENSG0000(	1217.985	1291.191	-0.08339	0.56624	0.66407	OPA1	chr3	+	1.93E+08	1.93E+08	6492
ENSG0000(	1262.167	1832.687	-0.53678	0.001682	0.004029	DENND4B	chr1	-	1.54E+08	1.54E+08	5706
ENSG0000(	47.35566	62.17792	-0.3841	0.34506	0.44915	RYR3	chr15	+	33603163	34158303	15559
ENSG0000(	160.7214	223.8637	-0.47565	0.064003	0.11037	ZNF277	chr7	+	1.12E+08	1.12E+08	2218
ENSG0000(	5943.134	8125.801	-0.45063	0.000718	0.001821	MT-ND3	chrMT	+	10059	10404	346
ENSG0000(	170.2509	201.6114	-0.24443	0.18759	0.2736	KTI12	chr1	-	52497775	52499488	1714
ENSG0000(	9.689468	1.71569	2.2595	0.034761	0.064748	DUSP27	chr1	+	1.67E+08	1.67E+08	4164
ENSG0000(	745.3759	626.1989	0.25113	0.17032	0.25249	SELT	chr3	+	1.5E+08	1.5E+08	3469
ENSG0000(	0.290301	31.88787	-5.6797	7.02E-07	2.54E-06	ARHGEF15	chr17	+	8213559	8225829	4154
ENSG0000(	280.151	82.71888	1.75	1.09E-10	5.38E-10	TOX	chr8	-	59717977	60031767	4131
ENSG0000(	1.681007	0	2.1857	0.19206	NA	CES1	chr16	-	55836763	55867249	2178
ENSG0000(	40.35249	2.725702	3.7911	2.39E-09	1.06E-08	CD3E	chr11	+	1.18E+08	1.18E+08	2643
ENSG0000(	1676.528	326.6113	2.3541	1.40E-62	4.37E-61	RUSC2	chr9	+	35490124	35561895	5636
ENSG0000(	161.9259	86.89796	0.89192	8.79E-05	0.000252	FICD	chr12	+	1.09E+08	1.09E+08	3347
ENSG0000(	2763.169	1091.751	1.3389	9.35E-35	1.41E-33	OSTC	chr4	+	1.1E+08	1.1E+08	1077
ENSG0000(	20.11545	25.37791	-0.32703	0.57311	0.67029	HSD3BP5	chr1	+	1.2E+08	1.2E+08	1132
ENSG0000(	1487.869	1731.423	-0.2187	0.13971	0.21349	R3HDM4	chr19	-	896503	913240	1815
ENSG0000(	491.8001	262.9154	0.90334	7.59E-11	3.79E-10	TSEN15	chr1	+	1.84E+08	1.84E+08	1960
ENSG0000(	801.7925	490.8722	0.70506	0.008439	0.017972	LTN1	chr21	-	30300466	30365277	7756
ENSG0000(	418.8349	432.8721	-0.04856	0.77157	0.83546	RUNDC1	chr17	+	41132582	41145707	3828
ENSG0000(	0	1.788535	-1.712	0.33711	NA	CCDC152	chr5	+	42756903	42802462	3431
ENSG0000(	22.01137	18.82666	0.21974	0.65507	0.73998	C9orf96	chr9	+	1.36E+08	1.36E+08	2825
ENSG0000(	343.9011	44.32676	2.9336	1.42E-35	2.21E-34	GRK5	chr10	+	1.21E+08	1.21E+08	2654
ENSG0000(	301.7811	351.0506	-0.21578	0.19043	0.27714	TYW1	chr7	+	66460160	66704501	3348
ENSG0000(	736.276	744.1763	-0.01521	0.91842	0.94503	DCAF12	chr9	-	34086385	34127397	3667
ENSG0000(	192.2584	343.9975	-0.83754	0.000262	0.000707	SFMBT2	chr10	-	7200586	7453450	7922
ENSG0000(	0.342542	3.2299	-2.536	0.076326	0.12833	PNMA5	chrX	-	1.52E+08	1.52E+08	3213
ENSG0000(	59.81716	105.2641	-0.81175	0.000553	0.001426	ITPRIPL1	chr2	+	96991069	96994091	2156
ENSG0000(	48954.17	76675.16	-0.64694	3.91E-13	2.28E-12	MT-ND4	chrMT	+	10760	12137	1378
ENSG0000(	1240.752	477.7631	1.3749	4.15E-15	2.74E-14	SMC5	chr9	+	72873937	72969804	5921
ENSG0000(	19971.8	39622.56	-0.9863	1.17E-09	5.37E-09	MT-ND1	chrMT	+	3307	4262	956
ENSG0000(	14.73168	85.61033	-2.5054	6.66E-11	3.34E-10	DCAF12L1	chrX	-	1.26E+08	1.26E+08	3379
ENSG0000(	764.3352	992.8674	-0.37601	0.082313	0.13688	PRMT6	chr1	+	1.08E+08	1.08E+08	2639
ENSG0000(	457.2568	69.4805	2.6967	5.13E-19	4.11E-18	SHISA4	chr1	+	2.02E+08	2.02E+08	1341

ENSG0000(	188.2974	347.6245	-0.88201	1.12E-06	3.99E-06	KIAA1737	chr14	+	77564440	77583630	4486
ENSG0000(	931.4092	808.9406	0.204	0.2075	0.29725	CAPZA2	chr7	+	1.16E+08	1.17E+08	2394
ENSG0000(	28282.07	48446.37	-0.77596	1.74E-16	1.24E-15	MT-ATP6	chrMT	+	8527	9207	681
ENSG0000(	2523.99	2752.847	-0.12487	0.23801	0.33248	TOP1	chr20	+	39657458	39753127	3738
ENSG0000(	1473.761	942.6133	0.64342	1.16E-05	3.68E-05	PRC1	chr15	-	91509270	91538859	4087
ENSG0000(	168.3155	299.3634	-0.82588	3.20E-06	1.09E-05	BHLHB9	chrX	+	1.02E+08	1.02E+08	5130
ENSG0000(	1271.118	490.3745	1.3717	3.08E-22	2.86E-21	MAP3K3	chr17	+	61699775	61773663	4818
ENSG0000(	19.62995	1508.917	-6.2325	3.53E-105	2.21E-103	L1CAM	chrX	-	1.53E+08	1.53E+08	5113
ENSG0000(	7267.775	6802.806	0.09546	0.32515	0.42805	SREBF2	chr22	+	42229109	42303312	5699
ENSG0000(	392.2284	365.7517	0.10051	0.53882	0.63949	C1orf174	chr1	-	3805689	3816857	3499
ENSG0000(	1251.235	2.872193	8.5544	1.65E-72	6.17E-71	POU3F3	chr2	+	1.05E+08	1.05E+08	4961
ENSG0000(	25.29205	401.7695	-3.9664	2.32E-52	5.65E-51	RASGEF1A	chr10	-	43689983	43762367	4104
ENSG0000(	550.1096	1078.741	-0.97115	4.52E-17	3.33E-16	C9orf114	chr9	-	1.32E+08	1.32E+08	4286
ENSG0000(	4512.634	3887.517	0.215	0.10761	0.17184	RPL39	chrX	-	1.19E+08	1.19E+08	1915
ENSG0000(	368.1687	512.3864	-0.47488	0.007365	0.015865	DZIP3	chr3	+	1.08E+08	1.08E+08	5350
ENSG0000(	468.3693	354.0807	0.4033	0.004013	0.009061	KIAA0753	chr17	-	6481468	6544247	4859
ENSG0000(	131.216	289.72	-1.1378	9.97E-08	3.89E-07	DCLRE1A	chr10	-	1.16E+08	1.16E+08	4464
ENSG0000(	1656.847	1406.292	0.23634	0.019752	0.039027	ATG9A	chr2	-	2.2E+08	2.2E+08	5245
ENSG0000(	60.02613	156.334	-1.3772	2.26E-08	9.33E-08	NOS1AP	chr1	+	1.62E+08	1.62E+08	5559
ENSG0000(	720.0954	2076.985	-1.527	4.61E-46	9.45E-45	APRT	chr16	-	88875747	88878352	947
ENSG0000(	232.6326	95.36315	1.2872	4.11E-11	2.09E-10	GPRASP1	chrX	+	1.02E+08	1.02E+08	5980
ENSG0000(	842.5699	382.3663	1.1384	1.42E-12	7.98E-12	TBKBP1	chr17	+	45771447	45789416	4121
ENSG0000(	30.45055	261.3886	-3.0856	1.38E-19	1.14E-18	MAGEE1	chrX	+	75648046	75651744	3699
ENSG0000(	415.6687	189.8678	1.1305	2.17E-12	1.20E-11	CCDC167	chr6	-	37450696	37467698	619
ENSG0000(	35048.5	70305.99	-1.0033	4.25E-20	3.60E-19	MT-CO3	chrMT	+	9207	9990	784
ENSG0000(	6.111723	31.46947	-2.2808	0.001234	0.003016	ZFP2	chr5	+	1.78E+08	1.78E+08	2429
ENSG0000(	2.209369	2.278164	-0.02721	0.98104	0.98953	SOWAHA	chr5	+	1.32E+08	1.32E+08	3456
ENSG0000(	744.2857	272.8258	1.4407	2.48E-10	1.20E-09	L3MBTL3	chr6	+	1.3E+08	1.3E+08	4518
ENSG0000(	994.9265	184.2827	2.4305	2.71E-43	5.22E-42	DMD	chrX	-	31137336	33357558	13956
ENSG0000(	585.2541	302.215	0.94983	3.42E-11	1.75E-10	MFAP3L	chr4	-	1.71E+08	1.71E+08	6318
ENSG0000(	859.0377	670.6021	0.35587	0.014347	0.029184	NAGA	chr22	-	42454358	42466846	3694
ENSG0000(	1940.932	3205.475	-0.7213	0.000445	0.001166	SMG5	chr1	-	1.56E+08	1.56E+08	4559
ENSG0000(	916.6433	638.478	0.52042	0.003623	0.008247	KIAA1279	chr10	+	70748487	70776738	2534
ENSG0000(	130.8976	23.86933	2.4295	5.11E-16	3.54E-15	TGM2	chr20	-	36756863	36794980	3996
ENSG0000(	60.16908	170.0244	-1.489	6.56E-09	2.83E-08	ARMCX6	chrX	-	1.01E+08	1.01E+08	1928
ENSG0000(	3300.025	1063.153	1.6301	1.13E-17	8.58E-17	PJA2	chr5	-	1.09E+08	1.09E+08	4889
ENSG0000(	5.124359	144.9527	-4.7217	2.47E-29	3.07E-28	RORB	chr9	+	77112281	77302117	3567
ENSG0000(	339.4783	265.4198	0.35278	0.10685	0.17079	SGMS1	chr10	-	52065360	52384795	3744
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AL691479.	chr1	-	2.3E+08	2.3E+08	528
ENSG0000(	1.628766	1.759397	-0.06576	0.96047	0.97641	RP11-47J1	chr11	-	12942733	12944472	566
ENSG0000(	1.411244	0	1.7307	0.32696	NA	AL356475.	chr1	-	1.7E+08	1.7E+08	790
ENSG0000(	0.36308	6.892769	-3.6081	0.004746	0.010607	RP11-560A	chr20	+	55689971	55697148	770
ENSG0000(	7.97855	4.761096	0.68172	0.3962	0.50078	AL353898.	chr1	-	54498816	54500553	1737
ENSG0000(	2.624689	33.07189	-3.4987	9.20E-07	3.30E-06	RP11-498P	chr9	-	1E+08	1E+08	578
ENSG0000(	3.153051	2.840639	0.13269	0.90183	0.93217	CTA-221G9	chr22	-	25498407	25508659	950
ENSG0000(	0.72616	1.073121	-0.33426	0.84917	NA	AL591516.	chr6	+	1.08E+08	1.08E+08	255
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	AL591516.	chr6	+	1.08E+08	1.08E+08	234
ENSG0000(	0.975385	0.654722	0.40949	0.80016	NA	AL365202.	chr9	-	3452305	3469181	312
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	RP11-98D1	chr1	+	1.52E+08	1.52E+08	992
ENSG0000(	5.996077	2.125225	1.3022	0.22239	0.31465	AL590822.	chr1	-	2143360	2145620	2261
ENSG0000(	8.506098	13.70786	-0.64602	0.37109	0.47551	AP001007.	chr11	+	1.25E+08	1.25E+08	2033
ENSG0000(	0.580602	2.621302	-1.6513	0.2513	0.348	RP11-375H	chr1	+	1.66E+08	1.66E+08	594
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	AC015815.	chr17	+	75099519	75099654	135
ENSG0000(	2.386629	6.186219	-1.2586	0.21432	0.30518	AC015815.	chr17	+	75087901	75088024	123
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC015815.	chr17	+	75083297	75083384	87
ENSG0000(	5.145711	5.551772	-0.1252	0.8836	0.91879	RP11-197P	chr9	+	77567884	77611209	719
ENSG0000(	9.36665	5.729818	0.66111	0.40536	0.51022	RP11-277A	chr1	-	32517892	32539075	624
ENSG0000(	11.61114	353.3812	-4.9038	2.17E-40	3.85E-39	ZNF525	chr19	+	53868946	53895470	6107
ENSG0000(	4.181491	0.951736	1.7786	0.15872	0.23813	AC012358.	chr2	-	55441523	55443262	916
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AP003027.	chr11	+	1.09E+08	1.09E+08	2076
ENSG0000(	0.290301	0.715414	-0.50514	0.77701	NA	AC006019.	chr7	-	1.54E+08	1.54E+08	2470
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AL162458.	chr20	+	44644111	44644231	117
ENSG0000(	14.08767	52.08547	-1.8591	1.06E-05	3.39E-05	RP3-337H4	chr6	-	43555967	43559099	990
ENSG0000(	0.342542	1.40169	-1.3086	0.4368	NA	AC131568.	chr8	+	1.31E+08	1.31E+08	246
ENSG0000(	40.70522	19.23049	1.0608	0.009738	0.020511	AC105020.	chr15	+	75970672	75973093	2422

ENSG0000(	3.64115	0	3.4049	0.020363	0.040101	RP13-36G1	chrX	+	73285918	73286427	510
ENSG0000(	0.632843	63.76102	-6.1114	3.62E-12	1.98E-11	AC009061.	chr16	+	67466595	67468931	2334
ENSG0000(	0.36308	25.20067	-5.412	1.22E-06	4.31E-06	AC020907.	chr19	-	35628549	35630484	1934
ENSG0000(	0.923144	0.937167	-0.01228	0.99379	NA	AC016734.	chr2	-	63745026	63746647	1621
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC140061.	chr12	+	50711462	50711558	93
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC140061.	chr12	-	50710006	50710100	93
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC008147.	chr12	-	50683977	50684073	93
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	AC008147.	chr12	-	50678449	50678545	93
ENSG0000(	2.229907	0	2.6238	0.10304	0.16551	RP11-163F	chr10	-	1.1E+08	1.1E+08	575
ENSG0000(	0.943682	0	1.2438	0.48556	NA	AC104600.	chr2	-	1.97E+08	1.97E+08	1422
ENSG0000(	0.632843	1.073121	-0.47016	0.7819	NA	RP11-820K	chr12	+	31617996	31618776	781
ENSG0000(	3.092251	28.28891	-3.1194	1.98E-06	6.88E-06	LINC00449	chr13	-	1E+08	1E+08	872
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC092964.	chr3	+	1.72E+08	1.72E+08	198
ENSG0000(	6.814739	0.715414	2.8713	0.016378	0.032921	AC004988.	chr7	-	40577726	40586527	1771
ENSG0000(	1.016461	0.343138	0.95782	0.57832	NA	AC068896.	chr10	+	1.26E+08	1.26E+08	219
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AL359697.	chr10	+	22183277	22183445	165
ENSG0000(	260.5276	37.16599	2.8063	2.57E-33	3.72E-32	RP11-77K1	chr16	+	75509794	75529305	573
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC061975.	chr17	+	26547062	26547215	150
ENSG0000(	0	1.40169	-1.7271	0.32809	NA	AC100852.	chr17	+	26506506	26506662	153
ENSG0000(	2775.484	1496.023	0.88914	2.12E-07	8.06E-07	INF2	chr14	+	1.05E+08	1.05E+08	4672
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	HMGB1P39	chr6	-	76028817	76029696	880
ENSG0000(	36.63163	17.47755	1.047	0.01581	0.031875	PDCD4-AS1	chr10	-	1.13E+08	1.13E+08	778
ENSG0000(	0.36308	118.9096	-7.5535	3.21E-14	2.00E-13	RP11-429J	chr8	+	1.45E+08	1.45E+08	5239
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC131571.	chr11	+	31705636	31707478	1841
ENSG0000(	4.741555	1.058552	1.923	0.10207	0.16417	RBMS3-AS2	chr3	-	29657466	29684300	865
ENSG0000(	3.205292	0.357707	2.5277	0.077538	0.13005	AC103801.	chr11	+	22766126	22768414	2288
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	AL353662.	chr9	-	34201271	34201513	237
ENSG0000(	0.342542	2.307303	-2.0599	0.17308	0.25581	AL353662.	chr9	+	34169687	34169934	246
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	AL023807.	chr6	+	17894075	17894300	225
ENSG0000(	19.75237	2.728118	2.7566	0.000142	0.000398	TAS2R2P	chr7	+	12530721	12531630	910
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	Z99756.1	chr22	+	43671961	43679836	1951
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC016712.	chr2	-	2.24E+08	2.24E+08	862
ENSG0000(	7.375617	0.343138	3.681	0.004005	0.009045	AL353671.	chr9	-	32548215	32548487	264
ENSG0000(	2.209369	1.531196	0.42641	0.7449	0.81283	AL353671.	chr9	+	32547881	32548148	267
ENSG0000(	0.943682	1.623443	-0.59246	0.69245	0.77071	RP11-176H	chr14	-	31803518	31926647	3860
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	AL135901.	chr13	+	50243040	50243254	213
ENSG0000(	1.379541	3.633731	-1.2431	0.29713	0.39912	AC138951.	chr5	+	21493692	21494062	369
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC090519.	chr15	-	44614380	44614557	174
ENSG0000(	0.632843	0	0.81931	0.64303	NA	AC090519.	chr15	+	44589782	44590272	174
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC073940.	chr15	-	44564040	44564218	177
ENSG0000(	0.290301	0.891044	-0.7342	0.68015	NA	OR1F2P	chr16	+	3265562	3266546	983
ENSG0000(	0.995923	0	1.4959	0.39264	NA	RP11-542B	chr12	+	67913609	67960906	1766
ENSG0000(	8.733807	6.047849	0.52399	0.45911	0.56438	IGBP1-AS1	chrX	-	69383692	69385056	542
ENSG0000(	12.47007	3.38284	1.8116	0.01555	0.031389	RP5-886K2	chr1	-	24032291	24033424	1134
ENSG0000(	0.342542	1.430828	-1.1489	0.51399	NA	RP5-1096D	chr12	+	2113832	2120558	629
ENSG0000(	1.08924	0.357707	0.88709	0.61692	NA	RP11-375F	chr1	-	1.69E+08	1.69E+08	1129
ENSG0000(	2.012384	1.430828	0.40688	0.77966	0.84184	AL137059.	chr13	-	28008286	28008752	465
ENSG0000(	0	1.372552	-1.3974	0.43145	NA	AC004832.	chr22	+	30831531	30832231	699
ENSG0000(	4.36731	0.654722	2.3176	0.063016	0.10888	AL512652.	chr13	+	21286570	21288285	1714
ENSG0000(	10.79925	8.173074	0.37251	0.56707	0.6646	AC069200.	chr4	-	56277189	56277313	123
ENSG0000(	10.30952	6.968031	0.5569	0.4565	0.56183	AL136531.	chr20	-	1316228	1317555	1328
ENSG0000(	7.397134	21.18654	-1.4545	0.02389	0.046307	AC007690.	chr3	+	1.87E+08	1.87E+08	1845
ENSG0000(	5.758016	37.84501	-2.6716	8.28E-07	2.98E-06	AC144450.	chr2	-	1624282	1629191	1641
ENSG0000(	23.47404	34.00819	-0.51764	0.19698	0.28497	AC083799.	chr3	-	1.3E+08	1.3E+08	906
ENSG0000(	0.290301	0	0.4146	0.81455	NA	LINC00501	chr3	+	1.77E+08	1.77E+08	2046
ENSG0000(	0.632843	0.891044	-0.33035	0.84668	NA	AC106827.	chr3	-	65994445	65994875	429
ENSG0000(	0.923144	0	1.223	0.49292	NA	AC007618.	chr12	+	2769103	2770135	732
ENSG0000(	2.157128	1.66715	0.33572	0.79884	0.8575	RP4-562J1	chrX	+	1.18E+08	1.18E+08	2290
ENSG0000(	0.943682	0.715414	0.29201	0.863	NA	AC099048.	chr3	+	30030355	30031951	1596
ENSG0000(	102.8047	108.6809	-0.07703	0.72867	0.79938	EFCAB2	chr1	+	2.45E+08	2.45E+08	6167
ENSG0000(	27.84135	47.09039	-0.74384	0.049196	0.087736	COX20	chr1	+	2.45E+08	2.45E+08	2631
ENSG0000(	367.7075	803.0435	-1.1222	2.10E-07	7.99E-07	CHML	chr1	-	2.42E+08	2.42E+08	7078
ENSG0000(	4.439275	2.102535	0.99775	0.36885	0.47345	C1orf148	chr1	-	2.28E+08	2.28E+08	594
ENSG0000(	1.379541	42.44672	-4.7479	4.49E-10	2.12E-09	C1orf95	chr1	+	2.27E+08	2.27E+08	7705
ENSG0000(	2.894453	0.98329	1.3109	0.31311	0.41535	RP11-351J	chr6	-	1.68E+08	1.68E+08	2557

ENSG0000(	8.143832	4.05213	0.97227	0.21504	0.306	AC092811.	chr1	+	2.26E+08	2.26E+08	1637
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CAPN8	chr1	-	2.24E+08	2.24E+08	2596
ENSG0000(	142.3168	256.0455	-0.8426	0.000559	0.001441	TATDN3	chr1	+	2.13E+08	2.13E+08	2389
ENSG0000(	219.474	19.3065	3.5019	4.15E-31	5.55E-30	SERTAD4-A	chr1	-	2.1E+08	2.1E+08	726
ENSG0000(	2.177666	1.828211	0.19378	0.89131	0.92458	C1orf132	chr1	-	2.08E+08	2.08E+08	3197
ENSG0000(	0.705622	12.71316	-3.75	0.000623	0.001593	CR1	chr1	+	2.08E+08	2.08E+08	7470
ENSG0000(	1.379541	13.26032	-3.0559	0.001152	0.002831	C6orf99	chr6	+	1.59E+08	1.59E+08	1018
ENSG0000(	3.081086	9.359459	-1.4932	0.10892	0.17356	LINC00862	chr1	-	2E+08	2E+08	1417
ENSG0000(	2.789971	0.357707	2.3046	0.12243	0.1921	RAET1G	chr6	-	1.5E+08	1.5E+08	1107
ENSG0000(	49.33471	2.621302	4.0926	4.79E-11	2.43E-10	C1orf53	chr1	+	1.98E+08	1.98E+08	588
ENSG0000(	2715.374	1.935026	10.156	1.99E-79	8.30E-78	SAMD5	chr6	+	1.48E+08	1.48E+08	6089
ENSG0000(	0	1.669566	-1.94	0.2691	NA	TEDDM1	chr1	-	1.82E+08	1.82E+08	2500
ENSG0000(	2.645227	4.524774	-0.72728	0.44414	0.54974	ECT2L	chr6	+	1.39E+08	1.39E+08	4319
ENSG0000(	1.681007	0.357707	1.6359	0.30139	0.40279	GPR52	chr1	+	1.74E+08	1.74E+08	1472
ENSG0000(	28.84069	28.59646	0.001956	0.99605	0.99778	RP11-296C	chr1	-	1.73E+08	1.73E+08	1815
ENSG0000(	7.885233	3.9623	0.93492	0.26309	0.36125	METTL11B	chr1	+	1.7E+08	1.7E+08	992
ENSG0000(	7.636008	0	4.5301	0.000536	0.001384	FCGR3A	chr1	-	1.62E+08	1.62E+08	2310
ENSG0000(	2.012384	0	2.4635	0.13092	0.20286	TMEM244	chr6	-	1.3E+08	1.3E+08	568
ENSG0000(	380.1984	558.9541	-0.55396	0.000327	0.000872	CENPW	chr6	+	1.27E+08	1.27E+08	750
ENSG0000(	25.6037	27.67628	-0.12134	0.76814	0.83243	MSTO2P	chr1	+	1.56E+08	1.56E+08	2045
ENSG0000(	85.69593	70.25634	0.28848	0.40729	0.51207	SPRN	chr10	-	1.35E+08	1.35E+08	3172
ENSG0000(	149.7592	105.353	0.51022	0.030997	0.05836	FAM229B	chr6	+	1.12E+08	1.12E+08	2543
ENSG0000(	56.67349	23.16769	1.2786	0.000253	0.000685	FANK1	chr10	+	1.28E+08	1.28E+08	1583
ENSG0000(	0	2.382564	-2.4485	0.15134	0.22879	LOR	chr1	+	1.53E+08	1.53E+08	1230
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	KPRP	chr1	+	1.53E+08	1.53E+08	2523
ENSG0000(	84.12103	85.24545	-0.01575	0.94957	0.96852	METTL10	chr10	-	1.26E+08	1.26E+08	3587
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	FAM24A	chr10	+	1.25E+08	1.25E+08	596
ENSG0000(	1.939605	16.56952	-2.893	0.00059	0.001516	CCDC162P	chr6	+	1.1E+08	1.1E+08	2943
ENSG0000(	0.632843	1.294874	-0.78057	0.60302	0.69637	LINC00222	chr6	+	1.09E+08	1.09E+08	1785
ENSG0000(	7.446769	2.742687	1.3605	0.1569	0.23594	C1orf138	chr1	-	1.51E+08	1.51E+08	490
ENSG0000(	165.1726	3.039702	5.67	2.15E-29	2.68E-28	PPAPDC1A	chr10	+	1.22E+08	1.22E+08	1521
ENSG0000(	5.363233	0.891044	2.1589	0.076064	0.12794	BVES-AS1	chr6	+	1.06E+08	1.06E+08	1716
ENSG0000(	0	12.15565	-5.1905	3.70E-05	0.000111	LINC00577	chr6	-	1.05E+08	1.05E+08	575
ENSG0000(	0.290301	0	0.4146	0.81455	NA	HIST2H3C	chr1	-	1.5E+08	1.5E+08	1656
ENSG0000(	1.213446	1.577319	-0.28206	0.84831	0.8934	HIST2H2AA	chr1	+	1.5E+08	1.5E+08	549
ENSG0000(	19.71806	27.73442	-0.47044	0.38509	0.48932	HIST1H3H	chr6	+	27777842	27778314	473
ENSG0000(	2.987769	2.278164	0.3404	0.74856	0.81599	HIST2H2BF	chr1	-	1.5E+08	1.5E+08	1047
ENSG0000(	8.40243	3.725978	1.1287	0.16451	0.24536	AL358813.	chr1	+	1.5E+08	1.5E+08	632
ENSG0000(	0	5.196481	-3.912	0.005676	0.012499	FAM72C	chr1	-	1.49E+08	1.49E+08	1243
ENSG0000(	7.729324	10.69642	-0.45855	0.48184	0.58615	HIST2H2BC	chr1	-	1.5E+08	1.5E+08	580
ENSG0000(	27.71796	4.991713	2.4008	9.05E-05	0.000259	NBPF16	chr1	+	1.49E+08	1.49E+08	3830
ENSG0000(	172.6773	13.94089	3.6031	1.10E-29	1.40E-28	NBPF20	chr1	-	1.48E+08	1.48E+08	15690
ENSG0000(	19.01504	16.26605	0.21552	0.68707	0.76665	NBPF24	chr1	-	1.48E+08	1.48E+08	5152
ENSG0000(	1.628766	0.343138	1.6246	0.30143	0.40279	PNLIPRP3	chr10	+	1.18E+08	1.18E+08	2354
ENSG0000(	2.572449	0	2.8674	0.066043	0.11336	PFN1P2	chr1	-	1.45E+08	1.45E+08	418
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-417J	chr1	-	1.43E+08	1.43E+08	5786
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	HIST2H3A	chr1	+	1.5E+08	1.5E+08	1656
ENSG0000(	0.705622	2.24661	-1.3953	0.31823	0.42103	HSD3BP4	chr1	+	1.2E+08	1.2E+08	1120
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	HSD3B1	chr1	+	1.2E+08	1.2E+08	1680
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	HSD3BP2	chr1	+	1.2E+08	1.2E+08	1118
ENSG0000(	0.870904	0.343138	0.71634	0.68735	NA	AL079342.	chr6	+	89674246	89676685	2440
ENSG0000(	5.052394	9.701854	-0.91373	0.23527	0.32913	ATP1A1OS	chr1	-	1.17E+08	1.17E+08	1011
ENSG0000(	59.40022	19.27333	1.6133	1.26E-05	3.98E-05	RBM20	chr10	+	1.12E+08	1.13E+08	7233
ENSG0000(	4.616536	9.321457	-0.96665	0.18945	0.27588	C6orf164	chr6	+	88106840	88109467	1560
ENSG0000(	5.890781	12.11597	-0.96633	0.20835	0.29832	C6orf163	chr6	+	88054571	88075181	1296
ENSG0000(	2815.207	4434.483	-0.65488	4.89E-12	2.64E-11	SNHG5	chr6	-	86370710	86388451	1029
ENSG0000(	7.677084	2.901332	1.2965	0.13145	0.2036	RP11-451M	chr10	-	1.12E+08	1.12E+08	1063
ENSG0000(	0	6.987432	-4.3684	0.001174	0.002882	RIPPLY2	chr6	+	84562985	84567234	664
ENSG0000(	4116.394	1692.145	1.281	6.95E-27	7.85E-26	GDI1	chrX	+	1.54E+08	1.54E+08	4069
ENSG0000(	859.6194	837.7522	0.036715	0.77768	0.84028	PCMTD2	chr20	+	62887048	62926855	3843
ENSG0000(	6.835277	25.87325	-1.829	0.015364	0.031065	SOX18	chr20	-	62679076	62680994	1723
ENSG0000(	0	2.024857	-2.2291	0.19662	0.28458	RP11-261M	chr20	+	61991340	62002529	3264
ENSG0000(	0	4.600036	-3.763	0.007915	0.016934	OOEP	chr6	-	74078278	74104856	1007
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	KHDC3L	chr6	+	74072400	74073894	1018
ENSG0000(	0	14.89592	-5.4807	8.79E-06	2.84E-05	DPPA5	chr6	-	74062785	74064018	679

ENSG0000(	0.72616	1.309443	-0.61368	0.71013	0.78467	C1orf146	chr1	+	92683497	92711370	871
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	SPANXN1	chrX	+	1.44E+08	1.44E+08	1276
ENSG0000(	39.40269	5.738682	2.7071	6.65E-06	2.18E-05	RP1-177G6	chrX	+	1.4E+08	1.4E+08	1381
ENSG0000(	0.975385	0	1.2767	0.47406	NA	C10orf62	chr10	+	99349450	99350690	1241
ENSG0000(	7.261763	16.74353	-1.1798	0.051924	0.091952	SAMD13	chr1	+	84764049	84855640	1565
ENSG0000(	878.4936	748.9974	0.23006	0.10669	0.17056	FAM127B	chrX	-	1.34E+08	1.34E+08	1244
ENSG0000(	10.48841	21.74572	-1.0389	0.052	0.092065	CCDC160	chrX	+	1.33E+08	1.33E+08	1790
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	C1orf141	chr1	-	67557848	67697536	4304
ENSG0000(	76.4129	31.13029	1.2931	2.01E-05	6.22E-05	EFCAB7	chr1	+	63989043	64038364	3795
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP13-379L	chr20	-	56532182	56534716	1854
ENSG0000(	0.290301	0	0.4146	0.81455	NA	LDLRAD1	chr1	-	54474412	54483856	785
ENSG0000(	0.342542	5.585742	-3.2593	0.01595	0.032135	RP11-188C	chr9	-	1.41E+08	1.41E+08	3222
ENSG0000(	263.1903	483.6244	-0.87515	4.64E-06	1.55E-05	C9orf37	chr9	-	1.41E+08	1.41E+08	1424
ENSG0000(	32.55462	164.3161	-2.329	1.00E-16	7.21E-16	ZYG11A	chr1	+	53308183	53360670	4469
ENSG0000(	8.174556	0.357707	3.7924	0.003076	0.007078	RP11-290F	chr20	+	48909257	48931459	2281
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	LCN8	chr9	-	1.4E+08	1.4E+08	2625
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	IFIT1B	chr10	+	91137813	91144962	1972
ENSG0000(	12.63535	0.297015	4.4814	0.000173	0.000479	COL5A1-AS	chr9	-	1.38E+08	1.38E+08	336
ENSG0000(	9.140568	228.5458	-4.6051	3.32E-29	4.11E-28	TRABD2B	chr1	-	48231308	48462567	1926
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	LIPN	chr10	+	90521163	90537999	1197
ENSG0000(	6.5039	0.715414	2.8164	0.018295	0.036419	LIPK	chr10	+	90484301	90512543	1230
ENSG0000(	1.681007	0.594029	1.0706	0.4871	0.59109	LIPJ	chr10	+	90346510	90366733	3575
ENSG0000(	0.943682	0.357707	0.90033	0.60199	NA	TRPC5OS	chrX	+	1.11E+08	1.11E+08	2806
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	LRIT2	chr10	-	85980254	85985345	3081
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AL359195.	chr10	+	82009466	82013395	3930
ENSG0000(	0	6.603876	-4.2475	0.002166	0.005099	RP11-465L	chr20	-	44642141	44650712	1955
ENSG0000(	5.736665	1.98115	1.4084	0.16179	0.24202	AL391421.	chr10	+	79626633	79629368	1922
ENSG0000(	26.30769	20.71631	0.34987	0.41803	0.52329	LRRC73	chr6	-	43474707	43478424	2121
ENSG0000(	0	1.545765	-1.8556	0.29195	NA	MYCL1P1	chrX	+	1.07E+08	1.07E+08	1075
ENSG0000(	380.5105	50.85612	2.8891	3.32E-47	7.01E-46	RP11-492E	chr9	+	1.32E+08	1.32E+08	2003
ENSG0000(	6.141634	108.6673	-4.1103	3.03E-19	2.46E-18	RP11-247A	chr9	+	1.32E+08	1.32E+08	2047
ENSG0000(	28.27109	102.2142	-1.8153	0.001058	0.002614	FOXO6	chr1	+	41827594	41849262	2398
ENSG0000(	1.390706	55.12913	-5.1259	2.44E-12	1.35E-11	TCEAL5	chrX	-	1.03E+08	1.03E+08	1168
ENSG0000(	218.1304	191.7727	0.18644	0.29523	0.39725	SYS1	chr20	+	43990577	44005438	2915
ENSG0000(	0	2.307303	-2.6761	0.094365	0.15383	TCEAL6	chrX	-	1.01E+08	1.01E+08	1106
ENSG0000(	0	1.638012	-2.1885	0.18912	NA	RP4-545K1	chrX	+	1.01E+08	1.01E+08	655
ENSG0000(	341.243	455.2799	-0.41546	0.002793	0.006472	INPP5B	chr1	-	38326369	38412729	4694
ENSG0000(	1.608228	0.297015	1.5081	0.36518	NA	RPA4	chrX	+	96138907	96140446	1540
ENSG0000(	0.342542	6.376418	-3.4867	0.007115	0.015382	TDRG1	chr6	+	40302693	40347624	1165
ENSG0000(	1.027626	0.640152	0.42826	0.80114	NA	RP11-552E	chr6	-	40312083	40313890	554
ENSG0000(	0.705622	9.09084	-3.214	0.008077	0.01725	NEU4	chr2	+	2.43E+08	2.43E+08	3142
ENSG0000(	33.05128	458.642	-3.7851	1.59E-68	5.59E-67	MAFB	chr20	-	39314488	39317880	3393
ENSG0000(	344.8349	269.9025	0.35078	0.062007	0.10732	TRAF3IP1	chr2	+	2.39E+08	2.39E+08	4279
ENSG0000(	0	2.232041	-2.63	0.10215	0.16421	RP1-153P1	chr6	+	37475124	37503392	537
ENSG0000(	0.580602	0.654722	-0.07721	0.96449	NA	BMP2KL	chrX	+	73405764	73406990	1225
ENSG0000(	136.1187	131.3443	0.056473	0.80209	0.85994	CHIC1	chrX	+	72783036	72906937	6797
ENSG0000(	0	106.6789	-8.2013	1.26E-13	7.57E-13	NAP1L6	chrX	-	72345876	72347919	2044
ENSG0000(	1411.988	1227.551	0.20136	0.10348	0.16612	GIGYF2	chr2	+	2.34E+08	2.34E+08	7878
ENSG0000(	0	125.9732	-8.4513	8.68E-15	5.62E-14	AC068134.	chr2	-	2.33E+08	2.33E+08	1742
ENSG0000(	0	47.27267	-7.0298	2.23E-09	9.96E-09	C2orf72	chr2	+	2.32E+08	2.32E+08	3657
ENSG0000(	317.2021	106.2709	1.5748	2.46E-21	2.21E-20	RUFY2	chr10	-	70100864	70167051	4512
ENSG0000(	180.7804	111.8835	0.68762	0.011383	0.02364	NHSL2	chrX	+	71130938	71363424	3978
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	GGTA1P	chr9	-	1.24E+08	1.24E+08	3478
ENSG0000(	1041.583	1282.763	-0.30063	0.017896	0.035702	PHACTR4	chr1	+	28696114	28826881	6190
ENSG0000(	0	1.188058	-1.268	0.47398	NA	CLPSL1	chr6	+	35748794	35761452	602
ENSG0000(	74.67728	53.85849	0.46513	0.16772	0.24917	ASAH2B	chr10	+	52499078	52576255	3715
ENSG0000(	305.4002	216.0021	0.49877	0.007393	0.01592	AGAP6	chr10	+	51748078	51770259	2703
ENSG0000(	1.411244	3.215331	-1.0599	0.39368	0.49809	CTGLF11P	chr10	+	47708307	47730235	2419
ENSG0000(	11.79435	13.11296	-0.14068	0.81501	0.87019	TIMM23B	chr10	+	51371390	51387768	784
ENSG0000(	828.1945	801.9721	0.045288	0.69144	0.76991	ZDHHC18	chr1	+	27153201	27184093	3135
ENSG0000(	67.33557	79.59398	-0.23914	0.42575	0.53112	BMS1P5	chr10	-	48901102	48950972	4074
ENSG0000(	0	4.767544	-3.7849	0.007897	0.0169	CXorf65	chrX	-	70323837	70326561	766
ENSG0000(	52.96974	76.0251	-0.51983	0.047268	0.084731	AGAP7	chr10	-	51464162	51486327	2420
ENSG0000(	10.67602	7.878476	0.41385	0.53713	0.63798	AGAP10	chr10	-	47191844	47239738	5005
ENSG0000(	3.910914	1.012429	1.7085	0.15425	0.23251	LRRC37A5P	chr9	-	1.14E+08	1.14E+08	1103

ENSG0000(	0	1.340997	-1.8899	0.26871	NA	NPY4R	chr10	+	47083534	47088320	1956
ENSG0000(	0	441.2495	-9.8355	9.08E-17	6.55E-16	GPRIN2	chr10	+	46994087	47005643	7718
ENSG0000(	40.23424	23.37816	0.76522	0.14193	0.21642	SYT15	chr10	-	46955444	46971400	3537
ENSG0000(	10.34204	8.432829	0.30198	0.63767	0.72578	BMS1P1	chr10	-	46737612	46761205	4073
ENSG0000(	690.2112	364.5147	0.9183	9.86E-06	3.17E-05	TMEM57	chr1	+	25757388	25826700	3917
ENSG0000(	329.1535	253.7995	0.37664	0.02192	0.042887	ZDBF2	chr2	+	2.07E+08	2.07E+08	10282
ENSG0000(	0.705622	0	0.8807	0.6196	NA	LINC00619	chr10	+	44340754	44346070	1121
ENSG0000(	0	1.638012	-2.1885	0.18912	NA	GGNBP1	chr6	+	33551515	33556803	960
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RPL12P1	chr6	-	33367836	33368333	498
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AWAT1	chrX	+	69454505	69460477	1365
ENSG0000(	1131.541	1710.608	-0.59488	8.20E-07	2.95E-06	DAXX	chr6	-	33286335	33297046	2613
ENSG0000(	5670.994	626.8349	3.1658	2.22E-49	4.98E-48	BMPR2	chr2	+	2.03E+08	2.03E+08	11461
ENSG0000(	63.32034	1.888903	4.8355	3.39E-14	2.10E-13	TCEA3	chr1	-	23707554	23751233	1559
ENSG0000(	480.669	747.3866	-0.63667	3.09E-06	1.05E-05	PFDN6	chr6	+	33257079	33266178	1915
ENSG0000(	931.0837	553.6504	0.74978	2.99E-11	1.54E-10	RING1	chr6	+	33176272	33180499	1752
ENSG0000(	54.37838	130.6098	-1.2525	0.000306	0.000818	HSD17B8	chr6	+	33172419	33174608	990
ENSG0000(	986.3198	442.9991	1.1529	7.43E-14	4.52E-13	RXRB	chr6	-	33161365	33168630	2908
ENSG0000(	194.4249	324.1963	-0.7386	4.57E-05	0.000136	OXLD1	chr17	-	79632066	79633665	1600
ENSG0000(	1.068702	4.020576	-1.6888	0.1676	0.24904	RP11-713P	chr11	+	1.34E+08	1.34E+08	2206
ENSG0000(	35.7908	72.22399	-1.0055	0.002869	0.006635	COL11A2	chr6	-	33130458	33160276	6425
ENSG0000(	1.597063	346.2116	-7.4566	1.15E-32	1.62E-31	HLA-DOA	chr6	-	32971955	32977389	3489
ENSG0000(	36.26774	103.4933	-1.5046	1.31E-08	5.50E-08	AC019178.	chr2	+	1.91E+08	1.91E+08	881
ENSG0000(	2755.565	3052.388	-0.14724	0.33709	0.44088	BRD2	chr6	+	32936437	32949282	4898
ENSG0000(	17.4487	30.19641	-0.78431	0.09964	0.16098	HLA-DMA	chr6	-	32916390	32936871	1735
ENSG0000(	4.056471	1.652581	1.1566	0.27725	0.37749	XXbac-BPG	chr6	+	32811863	32814272	1267
ENSG0000(	24517.8	684.0916	5.1517	1.09E-191	2.19E-189	COL5A2	chr2	-	1.9E+08	1.9E+08	6949
ENSG0000(	277.5414	125.792	1.1365	1.14E-08	4.80E-08	PSMB8	chr6	-	32808494	32812480	1351
ENSG0000(	42.75966	36.78894	0.21152	0.56111	0.65963	TAP2	chr6	-	32789610	32806557	5684
ENSG0000(	68.9037	88.7966	-0.36592	0.11585	0.18328	SPIN3	chrX	-	57002803	57021970	1670
ENSG0000(	526.4993	364.477	0.5312	0.000464	0.001213	RP11-622K	chrX	+	56755692	56844813	1529
ENSG0000(	2.250445	0.951736	0.97068	0.50227	0.60574	RP11-219C	chr17	-	76257430	76274573	2934
ENSG0000(	0	5.656172	-3.7212	0.01714	0.034312	TMEM235	chr17	+	76227391	76237068	2409
ENSG0000(	5.322158	17.93562	-1.7067	0.006995	0.015145	RP11-153A	chr17	-	76103479	76107880	3192
ENSG0000(	22.56288	15.48095	0.54381	0.26245	0.36067	HLA-DRA	chr6	+	32407619	32412823	1280
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	BTNL2	chr6	-	32361740	32374905	1460
ENSG0000(	634.8491	4.349145	7.1072	1.52E-67	5.21E-66	COL15A1	chr9	+	1.02E+08	1.02E+08	5491
ENSG0000(	0	2.292733	-2.7	0.088315	0.14543	C6orf10	chr6	-	32256303	32339684	2173
ENSG0000(	9.389794	28.59479	-1.5844	0.00154	0.003712	NOTCH4	chr6	-	32162620	32191844	6745
ENSG0000(	1737.044	2643.237	-0.60465	2.82E-05	8.57E-05	PBX2	chr6	-	32151966	32157963	3757
ENSG0000(	37.68673	66.91741	-0.818	0.011082	0.02307	AGER	chr6	-	32148745	32152101	1597
ENSG0000(	1040.62	1649.526	-0.66292	4.24E-08	1.71E-07	RNF5	chr6	+	32146131	32151930	1325
ENSG0000(	445.9536	483.0113	-0.11515	0.37582	0.47988	AGPAT1	chr6	-	32135989	32145873	2496
ENSG0000(	14.63738	20.36672	-0.47602	0.32219	0.4251	DFNB59	chr2	+	1.79E+08	1.79E+08	1942
ENSG0000(	14.05678	38.44159	-1.4296	0.006146	0.013455	PRRT1	chr6	-	32116136	32122150	2782
ENSG0000(	109.0337	130.9956	-0.26542	0.22464	0.31726	FKBPL	chr6	-	32096484	32098068	1345
ENSG0000(	14.83355	23.3166	-0.63315	0.17097	0.25333	MRPL38	chr17	-	73894724	73905899	1888
ENSG0000(	6.837069	13.42696	-0.92212	0.20804	0.29791	SMIM5	chr17	+	73629514	73637484	4344
ENSG0000(	0.36308	2.696564	-2.2822	0.11928	0.18793	ERICH2	chr2	+	1.72E+08	1.72E+08	601
ENSG0000(	0	39.1235	-6.666	7.42E-08	2.93E-07	SP5	chr2	+	1.72E+08	1.72E+08	2033
ENSG0000(	0.36308	1.309443	-1.2534	0.45722	NA	CYP21A1P	chr6	+	31973413	31976228	1971
ENSG0000(	278.8911	156.915	0.82459	1.02E-06	3.63E-06	STK19	chr6	+	31938868	31950598	1894
ENSG0000(	0	48.77527	-7.1599	1.95E-10	9.46E-10	BTBD17	chr17	-	72352555	72358085	1805
ENSG0000(	164.146	132.7922	0.30669	0.088454	0.14563	DOM3Z	chr6	-	31937587	31940069	2093
ENSG0000(	1361.966	1303.204	0.062886	0.56323	0.6613	SKIV2L	chr6	+	31926857	31937532	4507
ENSG0000(	0.870904	171.2326	-7.0381	1.84E-19	1.51E-18	C9orf129	chr9	-	96080481	96108696	1154
ENSG0000(	1183.233	1202.866	-0.02299	0.83046	0.88055	NELFE	chr6	-	31919864	31926887	1855
ENSG0000(	4.418737	0.343138	2.9553	0.03276	0.06137	NXPE2	chr11	+	1.15E+08	1.15E+08	2273
ENSG0000(	1.45232	0	1.4544	0.41354	NA	RP11-380J	chr1	+	17516278	17524112	4676
ENSG0000(	157.1362	350.0289	-1.1516	1.08E-09	4.95E-09	ZBTB12	chr6	-	31867384	31869769	1875
ENSG0000(	253.9767	451.3466	-0.82927	4.06E-07	1.50E-06	SDHD	chr11	+	1.12E+08	1.12E+08	1439
ENSG0000(	1755.068	4013.538	-1.1923	2.66E-30	3.42E-29	EHMT2	chr6	-	31847536	31865464	4129
ENSG0000(	35.37711	13.36714	1.3696	0.001898	0.004507	C1orf134	chr1	-	16555368	16556038	252
ENSG0000(	13.33062	7.01657	0.89806	0.14762	0.2239	AC005042.	chr2	-	1.6E+08	1.6E+08	4067
ENSG0000(	566.4294	41.05228	3.7691	5.11E-83	2.26E-81	LAYN	chr11	+	1.11E+08	1.11E+08	2172
ENSG0000(	4.81352	46.8671	-3.1893	9.77E-10	4.51E-09	SLC44A4	chr6	-	31830969	31846823	2634

ENSG0000(	890.865	796.019	0.16283	0.19721	0.28523	NEU1	chr6	-	31825436	31830683	4616
ENSG0000(	2083.069	1582.525	0.39676	0.000111	0.000316	C6orf48	chr6	+	31802385	31807541	1053
ENSG0000(	509.4002	686.6734	-0.42951	0.083002	0.13788	HSPA1B	chr6	+	31795512	31798031	2520
ENSG0000(	336.2126	318.3287	0.076585	0.76794	0.83226	HSPA1A	chr6	+	31783291	31785717	2427
ENSG0000(	21.30819	35.45284	-0.73448	0.12643	0.19712	HSPA1L	chr6	-	31777396	31783437	2544
ENSG0000(	469.0483	835.5782	-0.83159	3.85E-10	1.83E-09	LSM2	chr6	-	31765173	31774761	876
ENSG0000(	4496.461	6757.525	-0.58743	2.84E-10	1.36E-09	VARS	chr6	-	31745295	31763730	4312
ENSG0000(	3.890376	18.57336	-2.151	0.002901	0.006702	VWA7	chr6	-	31733367	31745108	2942
ENSG0000(	4.387848	0.686276	2.2331	0.091503	0.14987	CARD16	chr11	-	1.05E+08	1.05E+08	1051
ENSG0000(	1.016461	0	1.3167	0.46021	NA	CASP12	chr11	-	1.05E+08	1.05E+08	1451
ENSG0000(	322.8665	122.995	1.3856	5.45E-14	3.34E-13	MBD5	chr2	+	1.49E+08	1.49E+08	8489
ENSG0000(	33.21917	42.89909	-0.37098	0.26328	0.36143	MSH5	chr6	+	31707725	31732622	3986
ENSG0000(	9.026714	12.77069	-0.49184	0.45662	0.56188	C6orf25	chr6	+	31686371	31694491	2396
ENSG0000(	1.608228	0.343138	1.4905	0.36958	0.47408	LY6G6C	chr6	-	31686425	31689622	992
ENSG0000(	8.298762	4.867912	0.7199	0.33616	0.43984	ABHD16A	chr6	-	31654726	31671221	2260
ENSG0000(	21.85986	14.39655	0.58389	0.22545	0.31821	LY6G5C	chr6	-	31644461	31651817	1428
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-1E11	chr9	+	90795588	90796362	775
ENSG0000(	43.05159	49.85739	-0.2139	0.47689	0.58143	CSNK2B	chr6	+	31633013	31638120	1792
ENSG0000(	401.4688	797.1186	-0.98778	3.47E-17	2.57E-16	GPANK1	chr6	-	31629006	31634060	2793
ENSG0000(	259.724	219.7712	0.24105	0.17457	0.25768	C6orf47	chr6	-	31626075	31628549	2475
ENSG0000(	293.2267	162.5217	0.84996	9.98E-07	3.57E-06	FAM155A	chr13	-	1.08E+08	1.09E+08	2043
ENSG0000(	15.23933	25.73071	-0.75543	0.12302	0.19284	APOM	chr6	+	31620193	31625987	1184
ENSG0000(	1.991846	1.903472	0.03666	0.9768	0.98684	C9orf170	chr9	+	89763559	89774471	3239
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	TRIM49C	chr11	+	89764274	89806558	2163
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	AC079586.	chr2	-	1.3E+08	1.3E+08	2213
ENSG0000(	6408.432	6836.241	-0.09309	0.43275	0.53821	BAG6	chr6	-	31606805	31620482	3881
ENSG0000(	0	1.340997	-1.8899	0.26871	NA	C1orf195	chr1	-	15490840	15497813	441
ENSG0000(	0.705622	22.44166	-4.5674	7.15E-06	2.34E-05	DGKK	chrX	-	50108408	50213737	7406
ENSG0000(	12519.58	14846.44	-0.24557	0.084644	0.14025	PRRC2A	chr6	+	31588497	31605548	6893
ENSG0000(	3.994857	14.54708	-1.7916	0.012752	0.026236	AIF1	chr6	+	31582961	31584798	1180
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	NCR3	chr6	-	31556672	31560762	1097
ENSG0000(	4.750928	1.903472	1.141	0.31466	0.41721	LST1	chr6	+	31553901	31556686	1832
ENSG0000(	147.187	188.8371	-0.35899	0.17375	0.25662	NFKBIL1	chr6	+	31514647	31526606	1478
ENSG0000(	1.359003	5.271743	-1.7911	0.087087	0.14377	MCCD1	chr6	+	31496494	31498009	955
ENSG0000(	235.0929	388.8816	-0.72093	0.005289	0.011728	ZNF814	chr19	-	58360099	58400442	3146
ENSG0000(	424.385	418.2544	0.020943	0.93539	0.95756	MICB	chr6	+	31462658	31478901	2446
ENSG0000(	110.0045	494.3125	-2.1626	1.61E-29	2.03E-28	ZNF551	chr19	+	58193337	58202022	4564
ENSG0000(	597.1616	110.2591	2.4299	4.52E-53	1.13E-51	MICA	chr6	+	31371356	31383092	1386
ENSG0000(	98.20421	76.92185	0.34651	0.16017	0.23992	ZNF805	chr19	+	57751973	57766503	2413
ENSG0000(	642.0491	517.833	0.30972	0.042537	0.077318	HLA-C	chr6	-	31236526	31239907	1880
ENSG0000(	0	4.587883	-3.6555	0.013467	0.027567	PSORS1C3	chr6	-	31141512	31145676	593
ENSG0000(	0	1.416259	-1.7181	0.33141	NA	GUCY2EP	chr11	-	76405087	76418685	839
ENSG0000(	4.221753	49200.36	-13.319	3.69E-257	1.33E-254	POU5F1	chr6	-	31130253	31148508	3262
ENSG0000(	0.870904	0.357707	0.7191	0.68613	NA	ZSCAN5C	chr19	+	56713670	56720821	1892
ENSG0000(	32.39871	24.15339	0.4131	0.28373	0.38502	AC024580.	chr19	-	56662314	56663250	717
ENSG0000(	417.0448	893.1389	-1.0948	9.50E-07	3.40E-06	CCHCR1	chr6	-	31110216	31126015	2958
ENSG0000(	4.440089	2.635871	0.67347	0.49281	0.59674	PSORS1C2	chr6	-	31105313	31107127	1150
ENSG0000(	1.027626	0	1.1491	0.51623	NA	CDSN	chr6	-	31082867	31088223	2552
ENSG0000(	35.03376	3.215331	3.3139	4.14E-08	1.67E-07	PSORS1C1	chr6	+	31082527	31107869	3827
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	MUC21	chr6	+	30951495	30957680	3651
ENSG0000(	4.927375	17.81095	-1.7966	0.003483	0.007949	CTD-2514C	chr20	+	25999468	26001320	353
ENSG0000(	1063.195	989.4589	0.1037	0.50631	0.60985	DHX16	chr6	-	30620896	30640814	3445
ENSG0000(	147.2424	262.6768	-0.83248	2.22E-06	7.68E-06	C6orf136	chr6	+	30614816	30620987	1978
ENSG0000(	600.143	806.7322	-0.42538	0.004551	0.010199	MRPS18B	chr6	+	30585486	30594172	1610
ENSG0000(	1645.9	2524.633	-0.61568	0.000465	0.001214	PPP1R10	chr6	-	30568177	30586389	4525
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	KRTAP5-11	chr11	-	71292901	71314399	1021
ENSG0000(	0.72616	1.638012	-0.93449	0.53888	0.63949	KRTAP5-10	chr11	+	71276609	71279980	1058
ENSG0000(	2154.991	3548.428	-0.71794	1.05E-05	3.37E-05	ABCF1	chr6	+	30539153	30564956	3481
ENSG0000(	366.9564	151.8574	1.2669	1.01E-06	3.61E-06	PRR3	chr6	+	30524663	30531500	3429
ENSG0000(	5.363233	1.98115	1.3083	0.1845	0.26979	LILRB3	chr19	-	54720147	54746602	2848
ENSG0000(	686.1968	6514.215	-3.2417	1.49E-128	1.32E-126	DDR1	chr6	+	30844198	30867933	4148
ENSG0000(	1.608228	2.353426	-0.45338	0.71658	0.79003	AC096670.	chr2	-	1.12E+08	1.12E+08	3026
ENSG0000(	1.016461	0	1.3167	0.46021	NA	LRCOL1	chr12	-	1.33E+08	1.33E+08	921
ENSG0000(	1.628766	26.63062	-3.8269	2.88E-07	1.08E-06	RP11-304F	chr17	+	47923272	47926199	2100
ENSG0000(	3.495593	3.723561	-0.05791	0.95285	0.97057	AC013268.	chr2	+	1.11E+08	1.11E+08	2436

ENSG0000(	2177.638	1196.256	0.86382	2.67E-17	1.98E-16	GNL1	chr6	-	30509154	30524951	7490
ENSG0000(	2384.606	1274.271	0.89989	0.000188	0.000518	HLA-E	chr6	+	30457244	30461982	2601
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	DPRX	chr19	+	54135310	54140263	648
ENSG0000(	169.0022	236.6574	-0.48153	0.10879	0.17337	TRIM39	chr6	+	30294256	30311506	3535
ENSG0000(	121.6268	237.8959	-0.96163	2.97E-05	9.00E-05	ZNF468	chr19	-	53341261	53360902	4407
ENSG0000(	0	3.526915	-3.3414	0.025042	0.048329	TRIM15	chr6	+	30130993	30140473	2214
ENSG0000(	133.1301	333.8507	-1.3241	4.36E-15	2.87E-14	ZNF616	chr19	-	52616344	52643175	4335
ENSG0000(	0	6.51962	-3.4331	0.044112	0.079742	FOXB2	chr9	+	79634571	79635869	1299
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	TRIM10	chr6	-	30119722	30128711	3546
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	TRIM40	chr6	+	30103885	30116512	2086
ENSG0000(	0	1.903472	-2.1599	0.21236	NA	TRIM31	chr6	-	30070674	30080883	2043
ENSG0000(	39.51329	28.86354	0.44712	0.25157	0.34832	RNF39	chr6	-	30038043	30043664	2206
ENSG0000(	710.5811	316.1516	1.1668	1.55E-16	1.10E-15	PPP1R11	chr6	+	30034486	30038110	1731
ENSG0000(	5.975539	4.882481	0.26435	0.73585	0.80509	AC115618.	chrX	-	48431482	48433275	1794
ENSG0000(	1.233984	1.012429	0.23966	0.87666	0.91427	HLA-J	chr6	+	29974360	29977733	1306
ENSG0000(	75.68078	110.0301	-0.54192	0.02511	0.048433	ZNRD1-AS1	chr6	-	29968788	30029417	9771
ENSG0000(	8.505119	172.9641	-4.2932	3.56E-31	4.76E-30	PTCHD2	chr1	+	11539223	11597641	5215
ENSG0000(	0.290301	1.043983	-0.98014	0.57012	NA	HCG9	chr6	+	29942889	29946183	659
ENSG0000(	13894.42	17946.42	-0.36881	0.000564	0.001453	GNB2L1	chr5	-	1.81E+08	1.81E+08	1651
ENSG0000(	0	4.066699	-3.547	0.015001	0.030392	HLA-G	chr6	+	29794744	29798902	1578
ENSG0000(	60.89182	1269.902	-4.3631	1.68E-119	1.30E-117	TBC1D8	chr2	-	1.02E+08	1.02E+08	3803
ENSG0000(	17.47022	26.07956	-0.57527	0.19074	0.27753	HLA-F	chr6	+	29690552	29706305	1622
ENSG0000(	0.36308	9.292319	-4.034	0.000986	0.002449	ZFP57	chr6	-	29640169	29648887	1980
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	SSX9	chrX	-	48154885	48165675	1230
ENSG0000(	174.2155	475.2598	-1.4393	2.14E-07	8.12E-07	CRHR1-IT1	chr17	+	43697694	43725582	2609
ENSG0000(	0.290301	1.058552	-0.99174	0.56536	NA	RPS26P8	chr17	+	43685909	43686349	441
ENSG0000(	4.721017	7.547491	-0.65684	0.40492	0.50978	ASPDH	chr19	-	51014857	51017947	1040
ENSG0000(	0.342542	6.75111	-3.5338	0.006988	0.015133	MOG	chr6	+	29624758	29640149	2499
ENSG0000(	0.72616	4.395268	-2.2336	0.084535	0.14011	OR2H2	chr6	+	29555683	29556745	1063
ENSG0000(	1.722083	3.411978	-0.88622	0.43528	0.54073	CBY3	chr5	-	1.79E+08	1.79E+08	785
ENSG0000(	0.72616	6.359433	-2.7694	0.021418	0.041979	C5orf60	chr5	-	1.79E+08	1.79E+08	3245
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CST13P	chr20	+	23499783	23522655	1157
ENSG0000(	0.36308	1.84278	-1.6293	0.32578	0.4287	CTD-2126E	chr19	+	50553846	50570050	1525
ENSG0000(	1772.057	1110.075	0.67322	0.000204	0.000558	AKT1S1	chr19	-	50372295	50381716	3640
ENSG0000(	0	1.387121	-1.6961	0.33794	NA	FAM153C	chr5	+	1.77E+08	1.77E+08	1510
ENSG0000(	1032.298	1071.231	-0.05294	0.84094	0.88835	GABBR1	chr6	-	29523406	29601753	4527
ENSG0000(	425.0661	487.2079	-0.19613	0.37241	0.4769	C10orf114	chr10	-	21781587	21786191	3801
ENSG0000(	59.49418	32.69304	0.86057	0.005508	0.012162	AC012307.	chr2	+	96874154	96908359	1721
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	OR2H1	chr6	+	29424958	29432105	3024
ENSG0000(	0.290301	0	0.4146	0.81455	NA	OR2W1	chr6	-	29011990	29013017	1028
ENSG0000(	35.29154	7.350844	2.1928	1.78E-05	5.55E-05	RP11-195E	chr9	-	72700732	72790804	2097
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	C6orf100	chr6	+	28911654	28912314	466
ENSG0000(	2.334388	15.26249	-2.5853	0.000742	0.001877	SPDYC	chr11	+	64937625	64940715	991
ENSG0000(	0	101.9402	-8.162	9.48E-14	5.72E-13	C9orf135	chr9	+	72435709	72521148	873
ENSG0000(	1795.923	2086.722	-0.21589	0.093286	0.15245	TRIM27	chr6	-	28870779	28891766	7006
ENSG0000(	0.632843	4.441392	-2.3416	0.06369	0.10991	C10orf112	chr10	+	19492779	20079330	4661
ENSG0000(	46.34082	80.39606	-0.79173	0.003124	0.007184	AC083899.	chr2	+	87352513	87423770	3819
ENSG0000(	1.576526	4.196206	-1.2463	0.2534	0.35034	CTC-308K2	chr5	-	1.72E+08	1.72E+08	2067
ENSG0000(	81.55021	138.696	-0.76187	0.000254	0.000686	RANBP17	chr5	+	1.7E+08	1.71E+08	4739
ENSG0000(	64.16394	0	7.5573	6.05E-12	3.25E-11	FAM196B	chr5	-	1.69E+08	1.69E+08	2999
ENSG0000(	1.379541	0	1.686	0.34092	NA	CTD-3232M	chr8	+	1.45E+08	1.45E+08	3778
ENSG0000(	18.77519	2.652857	2.6655	0.001085	0.002676	KM-PA-2	chr8	-	1.45E+08	1.45E+08	1969
ENSG0000(	3.568372	6.29874	-0.76336	0.35571	0.46	RP11-15J1(	chr9	-	70181520	70216621	655
ENSG0000(	0.342542	0	0.4146	0.81455	NA	FOXD4L5	chr9	-	70175707	70178815	3109
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CR769776.	chr9	-	69377902	69380597	2018
ENSG0000(	2.044087	134.5622	-5.8885	7.16E-22	6.56E-21	ZNF204P	chr6	-	27325604	27339304	4006
ENSG0000(	48.22819	59.96549	-0.31571	0.25677	0.35424	CBWD6	chr9	-	69204538	69269662	3334
ENSG0000(	2.863563	163.2724	-5.7274	3.47E-20	2.95E-19	CTD-3065J	chr8	+	1.45E+08	1.45E+08	1390
ENSG0000(	4.096733	6.503508	-0.60944	0.48618	0.59015	PGM5P1	chr9	-	68741234	68809906	2259
ENSG0000(	3.620613	3.38284	0.1012	0.9159	0.94307	RP11-111F	chr9	-	46685429	46688137	2541
ENSG0000(	0.685084	0.937167	-0.31802	0.85111	NA	AL953889.	chr9	-	45727440	45727852	381
ENSG0000(	0.923144	2.96444	-1.3748	0.29231	0.39416	FAM27E4	chr9	+	44997777	44999352	1401
ENSG0000(	0.72616	0.715414	0.009201	0.99586	NA	FAM27E2	chr9	+	45733559	45734896	1338
ENSG0000(	25.57281	17.70172	0.50979	0.26346	0.36164	TTC25	chr17	+	40086888	40117648	1752
ENSG0000(	0.290301	1.029414	-0.85389	0.63097	NA	BX649563.	chr9	-	44170447	44175727	1659

ENSG0000(	33.50768	10.65842	1.6044	0.000982	0.002439	MRPL53	chr2	-	74699085	74700449	1162
ENSG0000(	1.213446	8.187643	-2.4434	0.015879	0.032005	ST8SIA6-AS	chr10	+	17428935	17455502	1811
ENSG0000(	22.44902	30.5468	-0.43123	0.27521	0.37527	RP11-204N	chr9	-	41961615	42019580	1890
ENSG0000(	33.96505	83.52089	-1.291	2.32E-05	7.13E-05	MROH6	chr8	-	1.45E+08	1.45E+08	3469
ENSG0000(	1073.618	748.5551	0.51876	0.003545	0.008083	ATXN2	chr12	-	1.12E+08	1.12E+08	4702
ENSG0000(	3087.818	2925.036	0.078383	0.46097	0.56623	DCTN1	chr2	-	74588281	74619214	5414
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	FAM74A3	chr9	+	40715662	40722679	1745
ENSG0000(	77.64965	171.1024	-1.1255	0.005407	0.011965	PNMAL2	chr19	-	46990163	46999755	5308
ENSG0000(	199.7207	73.69282	1.4291	3.62E-09	1.59E-08	TCTN1	chr12	+	1.11E+08	1.11E+08	4209
ENSG0000(	68.75912	115.878	-0.74772	0.001183	0.002902	FAM216A	chr12	+	1.11E+08	1.11E+08	1679
ENSG0000(	294.7584	354.5042	-0.26731	0.064418	0.11103	ZBTB48	chr1	+	6640061	6649340	2484
ENSG0000(	4.543757	121.1014	-4.6181	1.12E-18	8.80E-18	FAM201A	chr9	+	38620471	38624987	3437
ENSG0000(	14.97992	0.700845	4.0462	6.86E-05	0.000199	IGFL2	chr19	+	46646363	46664556	1920
ENSG0000(	9.12859	5.376142	0.74287	0.30942	0.41124	IGFL4	chr19	-	46543006	46580376	2719
ENSG0000(	5.197138	0.98329	2.1159	0.062708	0.10841	GPR20	chr8	-	1.42E+08	1.42E+08	1515
ENSG0000(	513.6845	574.4545	-0.16204	0.2232	0.31564	MZT1	chr13	-	73282495	73301825	2299
ENSG0000(	1.338465	5.223203	-1.7514	0.12101	0.19015	CXorf31	chrX	-	46746852	46759138	521
ENSG0000(	0.290301	1.727843	-1.5606	0.3514	0.45573	SPINK9	chr5	+	1.48E+08	1.48E+08	604
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	LRRC3C	chr17	+	38097727	38101000	891
ENSG0000(	51.43609	51.32138	0.003216	0.99147	0.99546	ZNF155	chr19	+	44472014	44502477	2596
ENSG0000(	29.46156	53.97591	-0.86527	0.006129	0.013422	C11orf83	chr11	+	62437745	62441159	2288
ENSG0000(	21.29124	18.05701	0.22258	0.68215	0.76245	FBXO48	chr2	-	68689486	68694390	2731
ENSG0000(	2.261609	0	2.6509	0.097945	0.15859	AC074391.	chr2	+	65663864	66126649	1266
ENSG0000(	0.290301	2.232041	-2.0446	0.17992	0.26411	FAM221B	chr9	-	35816388	35828744	3763
ENSG0000(	14.86607	10.74013	0.46441	0.39216	0.4965	ATP6V0E2-	chr7	-	1.5E+08	1.5E+08	2974
ENSG0000(	0	13.04743	-5.3328	1.20E-05	3.82E-05	CD177	chr19	+	43857825	43867480	2483
ENSG0000(	0.36308	0.654722	-0.52647	0.7643	NA	PSG5	chr19	-	43670408	43690688	2145
ENSG0000(	416.229	216.453	0.94146	1.53E-10	7.47E-10	ZNF783	chr7	+	1.49E+08	1.49E+08	4452
ENSG0000(	52.0757	187.541	-1.8422	2.64E-17	1.96E-16	ZNF425	chr7	-	1.49E+08	1.49E+08	3220
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-539E	chr8	-	1.24E+08	1.24E+08	1347
ENSG0000(	2.873915	77.43417	-4.5952	2.65E-16	1.86E-15	LRRC10B	chr11	+	61276272	61278482	2211
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	FBXO47	chr17	-	37092685	37123655	2302
ENSG0000(	115.2933	156.2941	-0.43713	0.026492	0.05083	C12orf73	chr12	-	1.04E+08	1.04E+08	1738
ENSG0000(	4.709852	9.522936	-0.96792	0.21102	0.3013	PCDHGA1	chr5	+	1.41E+08	1.41E+08	4602
ENSG0000(	10.89435	3.633731	1.4936	0.054769	0.096238	AC006486.	chr19	+	42746927	42749125	2199
ENSG0000(	24.55733	247.7185	-3.3221	1.71E-34	2.56E-33	RP4-798C1	chr7	-	1.44E+08	1.44E+08	5045
ENSG0000(	0.685084	0	0.85004	0.63064	NA	BLACE	chr7	-	1.55E+08	1.55E+08	2456
ENSG0000(	17.45987	25.09143	-0.52035	0.34418	0.44812	PCDHA9	chr5	+	1.4E+08	1.4E+08	6388
ENSG0000(	12.75776	21.452	-0.71782	0.21238	0.30293	PCDHA8	chr5	+	1.4E+08	1.4E+08	5260
ENSG0000(	6.919221	13.24575	-0.91593	0.14692	0.22298	PCDHA7	chr5	+	1.4E+08	1.4E+08	5221
ENSG0000(	11.67194	14.45483	-0.30845	0.58864	0.6842	PCDHA5	chr5	+	1.4E+08	1.4E+08	5218
ENSG0000(	183.3007	93.17562	0.97813	4.45E-06	1.49E-05	PCDHA4	chr5	+	1.4E+08	1.4E+08	5251
ENSG0000(	94.66666	22.85369	2.0333	6.97E-09	2.99E-08	PCDHA2	chr5	+	1.4E+08	1.4E+08	5254
ENSG0000(	7.862903	20.50509	-1.3482	0.011513	0.023879	PCDHA1	chr5	+	1.4E+08	1.4E+08	5260
ENSG0000(	603.0845	399.596	0.59316	0.000545	0.001406	TRIM13	chr13	+	50570024	50594617	7249
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	MS4A13	chr11	+	60282886	60310194	928
ENSG0000(	0.36308	3.526915	-2.6526	0.061401	0.10645	PRSS3P4	chr9	-	33613846	33614007	162
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP5-842K1	chr7	-	1.41E+08	1.41E+08	1439
ENSG0000(	86.32926	243.4347	-1.4885	7.87E-08	3.09E-07	SPIRE2	chr16	+	89884587	89937727	3235
ENSG0000(	0	1.073121	-1.1788	0.50551	NA	AC139712.	chr2	+	52797786	52799660	1875
ENSG0000(	11.31742	15.05369	-0.39705	0.47109	0.57589	AARD	chr8	+	1.18E+08	1.18E+08	2299
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-830F	chr16	+	89006197	89017932	1812
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	PABPN1L	chr16	-	88928034	88933068	1272
ENSG0000(	0	3.487239	-3.204	0.038966	0.071702	RP11-707N	chr11	+	49580098	49831971	2196
ENSG0000(	0	2.012704	-2.1825	0.20921	0.29918	RP11-863P	chr16	-	88121647	88134591	3468
ENSG0000(	0	4.022992	-3.5371	0.015289	0.03093	PKHD1L1	chr8	+	1.1E+08	1.11E+08	13076
ENSG0000(	36.22308	44.57598	-0.29662	0.43527	0.54073	CTC-425O2	chr19	-	40779396	40781386	1462
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-56P9	chr11	-	49035495	49037446	819
ENSG0000(	48.04156	75.5889	-0.65138	0.026052	0.050069	FLJ00104	chr16	-	87731749	87739290	6938
ENSG0000(	7.426231	0.654722	3.0212	0.01211	0.025022	AC009236.	chr2	-	45392009	45550434	2226
ENSG0000(	1.317927	0.343138	1.2418	0.46439	NA	RP11-693J	chr12	+	92860227	92885867	10626
ENSG0000(	705.2657	697.8223	0.014266	0.9271	0.95152	SLC35B4	chr7	-	1.34E+08	1.34E+08	6797
ENSG0000(	0	2.711133	-2.9254	0.060083	0.10456	LGALS7	chr19	-	39261611	39264132	565
ENSG0000(	87.3357	58.20622	0.57617	0.069909	0.11905	SYCE1L	chr16	+	77233294	77247112	858
ENSG0000(	544.0837	152.6879	1.831	4.19E-31	5.60E-30	TMEM231	chr16	-	75572015	75590184	2991

ENSG0000(	6.285564	0.997859	2.3823	0.03009	0.056904	FAM71F2	chr7	+	1.28E+08	1.28E+08	2147
ENSG0000(	0.632843	1.012429	-0.45981	0.7761	NA	C2orf91	chr2	-	42162508	42181406	3721
ENSG0000(	2.697468	11.59962	-2.0152	0.009735	0.020507	CCNI2	chr5	+	1.32E+08	1.32E+08	2355
ENSG0000(	46.94132	54.25775	-0.20828	0.64343	0.73043	TMEM240	chr1	-	1470554	1475833	718
ENSG0000(	1.390706	0	1.6954	0.33813	NA	FRG2	chr4	-	1.91E+08	1.91E+08	2100
ENSG0000(	0.290301	0	0.4146	0.81455	NA	COX17P1	chr13	+	47064997	47065397	401
ENSG0000(	0.705622	1.309443	-0.68537	0.66213	0.7458	FAM205A	chr9	-	34723052	34729464	4225
ENSG0000(	1.016461	2.621302	-1.1594	0.37982	0.48383	CDKL4	chr2	-	39402787	39456729	1567
ENSG0000(	2.302685	43.25122	-4.0717	1.79E-09	8.07E-09	TMEM88B	chr1	+	1361508	1363167	492
ENSG0000(	10.6144	30.10658	-1.4736	0.005245	0.011641	C4orf47	chr4	+	1.86E+08	1.86E+08	1134
ENSG0000(	166.863	104.9655	0.66751	0.020186	0.039791	TRIQK	chr8	-	93895758	94029901	3672
ENSG0000(	190.0469	282.2562	-0.5692	0.001827	0.004349	SDHAF1	chr19	+	36486090	36487220	1131
ENSG0000(	1.649304	3.792375	-1.0779	0.34414	0.44811	ARID3C	chr9	-	34621376	34628104	1411
ENSG0000(	9.161106	11.3253	-0.31619	0.62873	0.71841	AC016586.	chr19	-	4041127	4043154	2028
ENSG0000(	0.975385	0	1.2767	0.47406	NA	AC016251.	chr15	-	96831280	96831660	381
ENSG0000(	37.99822	34.05028	0.14825	0.69838	0.7753	PSENEN	chr19	+	36236015	36237911	1152
ENSG0000(	3.423628	0.357707	2.5849	0.071128	0.12078	C11orf91	chr11	-	33719807	33722347	811
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-34M:	chr8	-	82546592	82547897	1306
ENSG0000(	531.404	445.6891	0.25284	0.043845	0.079352	ZBTB10	chr8	+	81397854	81438500	10132
ENSG0000(	427.9997	477.8945	-0.1598	0.29523	0.39725	C4orf46	chr4	-	1.6E+08	1.6E+08	3521
ENSG0000(	1.411244	7.074847	-2.1401	0.041407	0.075523	SCGB2B2	chr19	-	35084234	35166604	2505
ENSG0000(	0	14.1084	-5.4362	7.57E-06	2.47E-05	CCDC144N	chr17	-	20739760	20799453	2806
ENSG0000(	877.6561	1512.077	-0.78132	0.000678	0.001725	LGR4	chr11	-	27387508	27494322	5206
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC015818.	chr17	-	20422625	20432000	2334
ENSG0000(	0.685084	0.715414	-0.02805	0.98738	NA	FAM106B	chr17	+	20320741	20322363	1623
ENSG0000(	47.10464	12.96002	1.8385	2.12E-05	6.55E-05	PSMB10	chr16	-	67968405	67970990	1218
ENSG0000(	10.40365	17.34072	-0.70907	0.22101	0.31303	VIT	chr2	+	36923833	37041935	2810
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	TTLL10-AS1	chr1	-	1108436	1114935	3532
ENSG0000(	0.632843	1.309443	-0.75604	0.63051	0.71982	AC105052.	chr7	-	1.02E+08	1.02E+08	915
ENSG0000(	82.98958	46.23581	0.83854	0.001306	0.003183	SPDYE2	chr7	+	1.02E+08	1.02E+08	1742
ENSG0000(	135.5578	340.707	-1.3268	1.36E-13	8.15E-13	RPSAP58	chr19	+	23945807	24010937	1397
ENSG0000(	1199.274	1577.194	-0.39417	0.010933	0.022785	E2F4	chr16	+	67226072	67232821	2615
ENSG0000(	0	8.377842	-4.6579	0.00036	0.000952	DGAT2L7P	chr7	-	1.01E+08	1.01E+08	744
ENSG0000(	485.5527	1082.275	-1.1559	4.33E-25	4.54E-24	PDE7A	chr8	-	66629745	66754557	3673
ENSG0000(	196.1625	224.6564	-0.19633	0.37063	0.47517	TMEM170E	chr6	+	11537938	11583757	8362
ENSG0000(	1.265686	2.370411	-0.72658	0.58795	0.68349	RP11-152F	chr15	+	83128128	83145983	4893
ENSG0000(	0	2.901332	-3.0081	0.053293	0.094014	TRBV20OR9	chr9	+	33617760	33618504	416
ENSG0000(	3.391925	5.89491	-0.75834	0.41112	0.51598	RP13-608F	chr15	-	82970479	82988374	4926
ENSG0000(	4.294532	18.00443	-1.9962	0.003966	0.008964	MUC12	chr7	+	1.01E+08	1.01E+08	16737
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	GOLGA6L1(	chr15	-	82635130	82641706	1540
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-1112	chr8	+	58890917	58896685	2109
ENSG0000(	745.5305	844.5871	-0.17889	0.24556	0.34137	SNX2	chr5	+	1.22E+08	1.22E+08	2128
ENSG0000(	36.47687	304.1402	-3.0186	3.30E-14	2.06E-13	NT5M	chr17	+	17206649	17250977	1617
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	AC022596.	chr17	-	16750949	16756091	2555
ENSG0000(	0.36308	0.715414	-0.51558	0.77246	NA	GCNT6	chr6	+	10633993	10647501	1176
ENSG0000(	78.79015	35.87594	1.1313	0.000487	0.001267	SARNP	chr12	-	56146247	56211540	2242
ENSG0000(	4.543757	1.043983	1.8928	0.10604	0.16967	AC005863.	chr17	-	14670900	14683520	2998
ENSG0000(	0	7.057862	-4.3113	0.001881	0.004468	AC074091.	chr2	-	27928653	27938599	2860
ENSG0000(	343.5716	13.60749	4.6284	5.93E-53	1.47E-51	GPR56	chr16	+	57644564	57698944	4042
ENSG0000(	2979.452	5171.91	-0.79481	1.13E-11	5.99E-11	IPO7	chr11	+	9406169	9469673	6191
ENSG0000(	403.6033	544.8541	-0.43252	0.000792	0.001996	PRR13	chr12	+	53835389	53840429	1375
ENSG0000(	743.5288	382.0295	0.95696	5.75E-09	2.49E-08	TECPR1	chr7	-	97843936	97881563	6564
ENSG0000(	0	61.9482	-7.4759	2.39E-11	1.23E-10	MT1H	chr16	+	56703726	56705041	697
ENSG0000(	5.613272	4.499668	0.28728	0.7817	0.84343	SLCO6A1	chr5	-	1.02E+08	1.02E+08	2689
ENSG0000(	1.597063	1.387121	0.18027	0.90259	0.93263	MT1A	chr16	+	56672578	56673999	396
ENSG0000(	17.9258	133.5969	-2.8689	1.75E-19	1.44E-18	C15orf59	chr15	-	74032141	74045088	2204
ENSG0000(	4.377662	7.46894	-0.67849	0.51517	0.61808	MT1M	chr16	+	56666145	56667898	829
ENSG0000(	19.89613	0.297015	5.1051	7.40E-06	2.42E-05	CFI	chr4	-	1.11E+08	1.11E+08	2366
ENSG0000(	86.5075	0.715414	6.5264	2.93E-14	1.83E-13	SAMD9	chr7	-	92728829	92747336	6852
ENSG0000(	3.693391	0.686276	2.0255	0.1277	0.19871	RP11-401P	chr16	-	50639987	50647595	2469
ENSG0000(	276.723	133.4519	1.0472	4.87E-10	2.30E-09	CNEP1R1	chr16	+	50058321	50070999	2965
ENSG0000(	0.36308	4.110407	-2.6044	0.090472	0.14842	AL592528.	chr21	-	47247875	47256333	3466
ENSG0000(	12.78009	1.326428	3.0089	0.001783	0.004254	KRT81	chr12	-	52679697	52685318	1929
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	EXOC3L4	chr14	+	1.04E+08	1.04E+08	2341
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	KRTAP10-7	chr21	+	46020497	46022091	1595

ENSG0000(	0.705622	0	0.8807	0.6196	NA	IZUMO3	chr9	-	24542950	24545944	1229
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	KRTAP10-2	chr21	-	45970240	45971388	1149
ENSG0000(	25.82978	42.95012	-0.7207	0.090431	0.14839	ATP6AP1L	chr5	+	81575281	81682796	3524
ENSG0000(	357.7755	863.1327	-1.2694	1.91E-27	2.21E-26	CCDC85C	chr14	-	99977603	1E+08	5307
ENSG0000(	12.1078	16.67875	-0.45688	0.41042	0.51523	AC007000.	chr7	-	76682095	76688757	939
ENSG0000(	45.09568	46.48986	-0.04211	0.89498	0.92705	AC004980.	chr7	+	76178677	76257299	2667
ENSG0000(	1.628766	0.297015	1.6275	0.30182	0.40306	CALML3-AS	chr10	-	5556207	5568209	4531
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	OR52A4	chr11	-	5141849	5145743	1014
ENSG0000(	0.653381	1.309443	-0.73727	0.6388	0.72643	AC013472.	chr2	-	27207644	27237480	1966
ENSG0000(	14.93803	5.972588	1.2891	0.036651	0.067881	C2CD4B	chr15	-	62455734	62457482	1579
ENSG0000(	1.233984	0.357707	1.1886	0.48459	NA	AC004878.	chr7	+	74936533	74944219	1369
ENSG0000(	1.390706	0.297015	1.2986	0.44429	NA	AC004878.	chr7	+	74910311	74918380	1850
ENSG0000(	3.496407	0.297015	2.5931	0.077239	0.12965	AC138783.	chr7	+	74696066	74704116	1850
ENSG0000(	0	624.7051	-10.53	2.94E-22	2.74E-21	RGL3	chr19	-	11495017	11530018	2542
ENSG0000(	2689.478	3293.497	-0.29175	0.024505	0.047383	NAP1L4	chr11	-	2965667	3013607	2511
ENSG0000(	35.9234	35.45996	0.021278	0.95896	0.97521	RP11-345J	chr16	-	29538889	29606395	4221
ENSG0000(	25618.41	27415.02	-0.09774	0.22361	0.31604	TMSB4X	chrX	+	12993227	12995346	1702
ENSG0000(	16.4725	36.76873	-1.1411	0.013622	0.027847	TMEM256	chr17	-	7306294	7307456	511
ENSG0000(	1.08924	0	1.1858	0.50299	NA	C9orf92	chr9	-	16203933	16276311	379
ENSG0000(	10.71628	9.767379	0.12815	0.83951	0.88739	CTA-384D8	chr22	+	51021455	51022306	578
ENSG0000(	1.814586	8.602011	-1.9759	0.068071	0.11631	CPT1B	chr22	-	51007290	51017899	2933
ENSG0000(	27.62464	0.297015	5.5717	3.68E-07	1.37E-06	RP11-497E	chr14	-	85991477	85996332	1747
ENSG0000(	3.04001	4.522358	-0.52567	0.63469	0.7232	RP11-497H	chr5	+	69803906	69808422	4335
ENSG0000(	49.52981	67.39717	-0.44704	0.18166	0.26637	SMN2	chr5	+	69345350	69374349	1573
ENSG0000(	16.75343	16.4384	0.024908	0.95778	0.97453	SERF1B	chr5	+	69321074	69338940	1889
ENSG0000(	34.30499	43.04558	-0.32379	0.32094	0.42374	POM121B	chr7	+	72707497	72716496	3067
ENSG0000(	0.705622	1.294874	-0.71528	0.63274	0.72172	DYNLL1P1	chr14	-	81712638	81712907	270
ENSG0000(	1.306762	0	1.6479	0.35189	NA	AC006995.	chr7	-	72518503	72525485	2024
ENSG0000(	4688.392	6543.531	-0.48064	7.41E-06	2.42E-05	HMGN1	chr21	-	40714241	40721573	4299
ENSG0000(	112.9325	67.35588	0.74186	0.005113	0.011376	STAG3L1	chr7	+	74988448	75024657	1818
ENSG0000(	1.431782	0.715414	0.68881	0.67774	0.7586	AC005488.	chr7	+	72440345	72442258	468
ENSG0000(	2.903826	4.723837	-0.62026	0.55901	0.6578	MUC19	chr12	+	40787197	40964632	19569
ENSG0000(	61.26427	19.57363	1.6229	1.33E-05	4.19E-05	DENND6B	chr22	-	50750392	50765489	2450
ENSG0000(	92.63878	177.568	-0.93754	1.43E-05	4.50E-05	EIF3CL	chr16	-	28390900	28415200	3096
ENSG0000(	2.229907	12.40083	-2.3178	0.004086	0.009219	RP4-610C1	chr20	-	29513582	29521213	3328
ENSG0000(	0.36308	0.686276	-0.48701	0.78478	NA	AF064858.	chr21	-	40249215	40328392	3823
ENSG0000(	406.7624	746.7813	-0.8757	8.54E-12	4.55E-11	LCMT1	chr16	+	25123050	25189552	1529
ENSG0000(	0	3.449237	-3.0017	0.06801	0.11622	WI2-81516	chr22	+	49288729	49294198	3426
ENSG0000(	3.434793	9.635457	-1.4259	0.084153	0.13958	MFSD2B	chr2	+	24232951	24286191	2834
ENSG0000(	0	4.660728	-3.7747	0.007744	0.016609	VCX3B	chrX	+	8432871	8434550	1171
ENSG0000(	168.5107	183.7256	-0.12613	0.59237	0.68726	CDPF1	chr22	-	46639908	46646576	1875
ENSG0000(	5.818816	2.321872	1.2082	0.24379	0.33936	CTD-2375G	chr5	+	64711180	64712049	870
ENSG0000(	272.9275	175.3877	0.63755	0.000143	0.000398	LIN52	chr14	+	74551499	74667936	2774
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP11-706C	chrX	-	3809479	3838787	2194
ENSG0000(	131.5324	235.3719	-0.83597	5.17E-06	1.72E-05	RP11-706C	chrX	-	3735569	3761898	922
ENSG0000(	1.317927	0.357707	1.2439	0.46333	NA	ARSH	chrX	+	2924654	2951612	1875
ENSG0000(	0	2.947455	-3.0782	0.043573	0.078942	ACOT6	chr14	+	74077649	74086592	1004
ENSG0000(	147.6966	153.7232	-0.05839	0.7851	0.84609	SMIM11	chr21	+	35747779	35780164	1857
ENSG0000(	4.802355	2.711133	0.78398	0.41408	0.519	RP11-798L	chr4	-	62285964	62293939	2079
ENSG0000(	182.2096	8.095397	4.423	1.12E-34	1.68E-33	DPF3	chr14	-	73086004	73360809	3755
ENSG0000(	2.261609	0	2.6509	0.097945	0.15859	MANSC4	chr12	-	27915671	27924209	1023
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	ADARB2-AS	chr10	+	1568832	1599179	637
ENSG0000(	16.04862	25.33017	-0.65688	0.19349	0.28097	CYP2D7P1	chr22	-	42536214	42540576	1738
ENSG0000(	3.682226	9.450963	-1.2924	0.12552	0.19604	LINC00634	chr22	+	42348169	42354937	1510
ENSG0000(	69.1623	40.45255	0.76969	0.008171	0.017438	LYRM5	chr12	+	25348150	25362579	1138
ENSG0000(	33.22692	43.61222	-0.38703	0.41675	0.52187	C17orf107	chr17	+	4802713	4806227	3199
ENSG0000(	1378.134	1971.418	-0.51616	7.36E-07	2.66E-06	ITSN1	chr21	+	35014706	35272165	17015
ENSG0000(	3022.913	144.0335	4.3791	7.65E-187	1.41E-184	ITPRIPL2	chr16	+	19125254	19132946	7693
ENSG0000(	0.632843	1.591889	-1.0299	0.48346	0.58754	AL359878.	chr10	-	1017097	1034281	1875
ENSG0000(	1.576526	533.1925	-8.0493	1.46E-36	2.32E-35	DENND1C	chr19	-	6467218	6482568	2933
ENSG0000(	0.36308	0	0.4146	0.81455	NA	PP13004	chr7	+	36118694	36125346	1497
ENSG0000(	178.2171	77.41873	1.1975	1.61E-08	6.71E-08	RP11-1212	chr16	-	18428257	18488396	6405
ENSG0000(	0	2.056411	-2.4909	0.12616	0.19678	CRLF2	chrX	-	1314890	1331616	1035
ENSG0000(	311.712	164.3104	0.9181	5.56E-07	2.03E-06	CRYZL1	chr21	-	34961647	35016232	2558
ENSG0000(	180.4085	1.713273	6.542	5.08E-26	5.53E-25	RP9P	chr7	-	32956427	32982788	1303

ENSG0000(	594.0852	475.9624	0.31911	0.11606	0.18355	C5orf51	chr5	+	41904290	41921738	5241
ENSG0000(	17.57389	27.25063	-0.62171	0.19923	0.28765	CATSPER2P	chr15	-	44019116	44039292	1653
ENSG0000(	0.36308	0	0.4146	0.81455	NA	ARRDC5	chr19	-	4890449	4902879	1638
ENSG0000(	6.753939	10.48279	-0.62841	0.34845	0.45264	AC005594.	chr19	+	4679294	4685960	3071
ENSG0000(	10.07146	5.31545	0.89413	0.24251	0.3378	LOH12CR2	chr12	-	12508342	12510001	1538
ENSG0000(	2.177666	1.012429	0.88875	0.54294	0.6435	RP11-333E	chr4	-	40044537	40058819	1613
ENSG0000(	1022.009	28.28978	5.1312	1.16E-70	4.22E-69	CYS1	chr2	-	10196907	10221071	2738
ENSG0000(	112.7175	205.9108	-0.86582	0.000323	0.000862	PPAPDC2	chr9	+	4662298	4665256	2959
ENSG0000(	21.35962	30.36955	-0.50576	0.26639	0.36512	RP1-59D14	chr17	-	2308856	2319379	2644
ENSG0000(	0	1.294874	-1.8547	0.27869	NA	TPTE2P6	chr13	+	25141011	25171814	1710
ENSG0000(	0.632843	0	0.81931	0.64303	NA	AC024132.	chr4	-	27209127	27220026	2509
ENSG0000(	1.431782	45.70985	-4.8345	3.27E-10	1.56E-09	C16orf96	chr16	+	4606491	4650715	3823
ENSG0000(	0.290301	0	0.4146	0.81455	NA	GMNC	chr3	-	1.91E+08	1.91E+08	3422
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	LINC00487	chr2	-	6868309	6910442	2131
ENSG0000(	2.978396	23.76172	-2.8476	0.000239	0.000647	TTC23L	chr5	+	34838938	34899561	3410
ENSG0000(	0.290301	1.66715	-1.5481	0.35178	0.456	CLEC6A	chr12	+	8608522	8630926	1682
ENSG0000(	3.412463	4.689867	-0.41163	0.72152	0.79399	RFPL3S	chr22	-	32755893	32778039	1295
ENSG0000(	0	11.7688	-5.134	5.21E-05	0.000154	C22orf42	chr22	-	32544993	32555309	1909
ENSG0000(	0.290301	0	0.4146	0.81455	NA	LRRC72	chr7	+	16566505	16621193	1000
ENSG0000(	0.290301	0.654722	-0.51764	0.76892	NA	C1QTNF9B-	chr13	+	24463028	24471402	805
ENSG0000(	0.36308	0.640152	-0.51156	0.77091	NA	C1QTNF9B	chr13	-	24465238	24476794	1111
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	KRTAP5-6	chr11	+	1718425	1718985	561
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	KRTAP5-1	chr11	-	1605572	1606513	942
ENSG0000(	1.681007	2.010288	-0.22523	0.85551	0.89838	RPS3AP47	chr15	-	43407897	43408691	792
ENSG0000(	53.18825	118.8951	-1.1556	2.88E-06	9.83E-06	AC130352.	chr8	+	12294626	12424423	2501
ENSG0000(	1.016461	3.273608	-1.38	0.32204	0.42494	FAM90A2P	chr8	-	12029711	12036084	2423
ENSG0000(	0	1.294874	-1.8547	0.27869	NA	DEFB134	chr8	-	11850692	11853821	1059
ENSG0000(	99.01603	50.449	0.96803	8.37E-05	0.000241	C1RL-AS1	chr12	+	7260648	7275097	5272
ENSG0000(	0.975385	139.1147	-6.7625	6.76E-19	5.39E-18	RP11-473N	chr16	+	3082482	3089134	3061
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	OR7E136P	chr7	-	6906289	6907303	1015
ENSG0000(	0.653381	0.594029	0.059135	0.97278	NA	RP11-3B12	chr7	-	1.25E+08	1.25E+08	574
ENSG0000(	0.36308	26.59033	-5.3127	1.01E-05	3.25E-05	BHLHA9	chr17	+	1173853	1174754	902
ENSG0000(	1031.41	523.631	0.97461	1.62E-08	6.78E-08	ZNF316	chr7	+	6676953	6694242	3015
ENSG0000(	12.9787	17.84733	-0.44954	0.46528	0.57005	SRRM2-AS1	chr16	-	2787077	2802601	3523
ENSG0000(	49.95704	29.63306	0.75184	0.052214	0.092378	PDPK2	chr16	-	2666122	2693297	2387
ENSG0000(	0.342542	1.606458	-1.4884	0.37005	0.4745	ONECUT3	chr19	+	1752372	1780987	8318
ENSG0000(	0.995923	5.384264	-2.1591	0.059908	0.10432	OLIG2	chr21	+	34398153	34401504	3262
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	C21orf62	chr21	-	34162985	34186053	3889
ENSG0000(	2.157128	1.903472	0.15902	0.90277	0.93274	C21orf49	chr21	+	34144411	34266043	2453
ENSG0000(	1740.144	3240.564	-0.89644	1.51E-20	1.31E-19	RNPS1	chr16	-	2303117	2318413	3337
ENSG0000(	2.624689	5.62945	-1.0235	0.25285	0.34979	HSP90AB2I	chr4	+	13335038	13340281	2176
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	HSP90AA5I	chr3	+	1.84E+08	1.84E+08	2192
ENSG0000(	5.124359	36.01935	-2.7083	1.20E-05	3.82E-05	RP11-689P	chr4	+	8483997	8514337	3204
ENSG0000(	0.36308	1.073121	-0.87448	0.62195	NA	AC074389.	chr7	-	1732446	1733961	1423
ENSG0000(	12.28245	14.32129	-0.22752	0.67583	0.75727	RP11-404K	chr5	-	7299887	7306705	2465
ENSG0000(	3119.021	888.4612	1.8085	2.38E-45	4.79E-44	NYNRIN	chr14	+	24867992	24888494	7857
ENSG0000(	246.3281	416.555	-0.75617	5.72E-08	2.28E-07	DNAJC19	chr3	-	1.81E+08	1.81E+08	1630
ENSG0000(	2.085163	2.514486	-0.26303	0.8371	0.88571	IFITM5	chr11	-	298200	299526	736
ENSG0000(	2.976604	0	2.7909	0.093459	0.15263	SMIM21	chr18	-	73121431	73139658	2554
ENSG0000(	5.799092	1.073121	2.1264	0.08378	0.13903	CTA-373H7	chr22	-	27063656	27068617	2613
ENSG0000(	2.407167	1.949596	0.24097	0.83623	0.88507	AC005841.	chr12	-	2958397	2966213	939
ENSG0000(	147.956	72.83891	1.0234	1.01E-05	3.25E-05	DOK6	chr18	+	67068291	67516323	8890
ENSG0000(	2136.118	2760.049	-0.36846	0.060506	0.10514	HN1L	chr16	+	1728257	1752281	3718
ENSG0000(	3.382552	1.903472	0.70054	0.55102	0.65071	IGLL3P	chr22	+	25714223	25716047	434
ENSG0000(	0	1.606458	-1.9287	0.27074	NA	TMEM211	chr22	-	25331077	25342662	866
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	SERPINB4	chr18	-	61304493	61311532	1749
ENSG0000(	0.580602	0	0.8036	0.6494	NA	SERPINB5	chr18	+	61143994	61172318	2783
ENSG0000(	0.290301	10.54107	-4.2373	0.000474	0.001234	ZDHHC11B	chr5	-	710475	767067	2733
ENSG0000(	1.233984	8.608459	-2.5051	0.012128	0.025054	AC010507.	chr19	-	197124	205076	1478
ENSG0000(	14.60747	18.86467	-0.36505	0.46434	0.56935	EGFEM1P	chr3	+	1.68E+08	1.69E+08	2327
ENSG0000(	16.78334	2.886762	2.4	0.001192	0.002921	GOLGA8O	chr15	-	32737307	32747835	1997
ENSG0000(	32.15307	23.75285	0.41968	0.38753	0.49163	CTD-2008L	chr18	-	53670844	53858493	2558
ENSG0000(	6.193061	25.18442	-1.9566	0.000853	0.002142	TMEM191C	chr22	+	21820712	21825558	2593
ENSG0000(	0	2.725702	-2.8801	0.068833	0.11738	RP11-400K	chr8	+	54449620	54452860	2156
ENSG0000(	0.290301	2.696564	-2.3042	0.11706	0.18485	RP11-106A	chr9	+	6639139	6639604	466

ENSG0000(	302.7393	226.5075	0.41682	0.041977	0.076453	HERC2P9	chr15	+	28834638	28930410	5187
ENSG0000(	11.23348	16.28949	-0.50851	0.3793	0.48339	GYG2P1	chrY	-	14475147	14532255	944
ENSG0000(	1.016461	2.338857	-1.0164	0.44151	0.54729	Z69890.1	chr16	+	281133	281471	339
ENSG0000(	0.72616	0.297015	0.51367	0.77334	NA	HBA1	chr16	+	226679	227521	674
ENSG0000(	1.286224	9.519777	-2.6225	0.009004	0.019086	AC023490.	chr22	+	20378814	20380440	788
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	HBZP1	chr16	+	213121	215155	429
ENSG0000(	0.995923	1.66715	-0.59712	0.67362	0.75563	TCEB3B	chr18	-	44558943	44561988	3046
ENSG0000(	413.0656	121.8183	1.7553	1.14E-24	1.18E-23	ATP10A	chr15	-	25922420	26110317	6766
ENSG0000(	13.79557	3.353702	1.9296	0.020237	0.039882	AP000525.	chr22	-	16147979	16193004	4136
ENSG0000(	0.685084	0	0.85004	0.63064	NA	ANKUB1	chr3	-	1.49E+08	1.5E+08	2471
ENSG0000(	3.620613	11.82379	-1.6355	0.024334	0.047078	HNRNPA1P	chr8	-	83203859	83204614	756
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CTD-2308N	chr20	-	36916733	36954938	806
ENSG0000(	1.608228	0.98329	0.55037	0.71326	0.78728	AP000525.	chr22	-	16157306	16157938	633
ENSG0000(	0.36308	0	0.4146	0.81455	NA	PRR23A	chr3	-	1.39E+08	1.39E+08	2307
ENSG0000(	0.870904	91.12646	-6.1843	1.44E-15	9.76E-15	C3orf72	chr3	+	1.39E+08	1.39E+08	3538
ENSG0000(	15.40299	32.49243	-1.0426	0.061545	0.10667	HCP5	chr6	+	31368479	31445283	2658
ENSG0000(	2.976604	11.14396	-1.7798	0.042235	0.076891	HLA-H	chr6	+	29855350	29858259	1366
ENSG0000(	3.40309	6.260738	-0.8434	0.37384	0.47821	HCG27	chr6	+	31165537	31171745	1720
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-93O1	chr5	-	98858015	98861166	3152
ENSG0000(	2.282147	2.903748	-0.30925	0.793	0.85287	COL6A6	chr3	+	1.3E+08	1.3E+08	9581
ENSG0000(	25.40769	51.99309	-1.0212	0.004182	0.009416	H1FX-AS1	chr3	+	1.29E+08	1.29E+08	2600
ENSG0000(	359.8628	944.3036	-1.3875	5.91E-11	2.98E-10	RAB12	chr18	+	8609443	8639379	2137
ENSG0000(	367.9522	304.2683	0.27179	0.13056	0.20237	TMEM200(	chr18	-	5889419	5895954	3290
ENSG0000(	0.943682	1.043983	-0.07795	0.96042	0.97641	PPIAP30	chr10	-	15196801	15197319	519
ENSG0000(	1252.39	1256.55	-0.00436	0.97257	0.98483	HLA-A	chr6	+	29909037	29913661	1868
ENSG0000(	492.6982	611.5739	-0.31126	0.018297	0.03642	PTPLB	chr3	-	1.23E+08	1.23E+08	4257
ENSG0000(	123.5349	8.59389	3.8031	7.50E-25	7.79E-24	WDR52	chr3	-	1.13E+08	1.13E+08	10259
ENSG0000(	0.705622	2.962024	-1.7447	0.19557	0.28351	CD200R1L	chr3	-	1.13E+08	1.13E+08	1597
ENSG0000(	70.2517	8.282306	3.0429	9.54E-13	5.43E-12	RP11-553A	chr3	-	1.11E+08	1.11E+08	856
ENSG0000(	32.22243	89.96854	-1.4724	6.21E-07	2.26E-06	LNP1	chr3	+	1E+08	1E+08	2210
ENSG0000(	827.4856	158.851	2.3603	4.68E-12	2.53E-11	VGLL3	chr3	-	86987119	87040269	10400
ENSG0000(	0	10.28131	-4.9406	0.000121	0.00034	PRSS50	chr3	-	46753605	46854064	2958
ENSG0000(	0	10542.88	-14.261	1.34E-43	2.59E-42	TRIM71	chr3	+	32859510	32938323	7690
ENSG0000(	13.15417	4.305438	1.5312	0.03952	0.072623	ZCWPW2	chr3	+	28390637	28579613	1716
ENSG0000(	1485.274	803.8337	0.88483	3.19E-12	1.75E-11	ANKRD28	chr3	-	15708743	15901278	6564
ENSG0000(	85.73089	22.32115	1.9218	8.63E-10	4.01E-09	COLQ	chr3	-	15491640	15563258	3147
ENSG0000(	145.0606	127.1141	0.19171	0.35815	0.46249	METTL6	chr3	-	15422782	15482073	4020
ENSG0000(	30.1662	38.34115	-0.34873	0.35092	0.45531	AC022007.	chr3	-	10048102	10052893	1897
ENSG0000(	257.0873	266.7651	-0.05385	0.7987	0.85745	SETD5-AS1	chr3	-	9391373	9440263	3253
ENSG0000(	0.870904	27.25949	-4.4857	3.49E-07	1.30E-06	XKR4	chr8	+	56014949	56438714	3981
ENSG0000(	29.84518	219.6828	-2.8607	4.77E-29	5.85E-28	GPX3	chr5	+	1.5E+08	1.5E+08	1636
ENSG0000(	23.78749	1.759397	3.6211	4.03E-06	1.35E-05	DIO2	chr14	-	80663873	80854100	6367
ENSG0000(	398.6953	809.8412	-1.0187	3.48E-07	1.30E-06	C11orf31	chr11	+	57508825	57510986	1454
ENSG0000(	22.05245	21.84696	0.013437	0.9806	0.98926	GNRHR2	chr1	-	1.46E+08	1.46E+08	1599
ENSG0000(	4.480351	0.357707	2.9263	0.038446	0.070868	DIO1	chr1	+	54356912	54376759	1861
ENSG0000(	18.51838	10.50307	0.77695	0.1836	0.26877	AKR7L	chr1	-	19592476	19600688	2115
ENSG0000(	844.0537	549.9063	0.61792	6.29E-06	2.07E-05	STK38L	chr12	+	27396901	27478892	5068
ENSG0000(	709.3209	1313.196	-0.8877	1.80E-14	1.14E-13	SACM1L	chr3	+	45730548	45786916	4661
ENSG0000(	1444.896	1586.378	-0.13428	0.39392	0.49833	TSN	chr2	+	1.22E+08	1.23E+08	3420
ENSG0000(	278.0687	199.3781	0.4775	0.074112	0.12521	SLC48A1	chr12	+	48147699	48176536	3010
ENSG0000(	0.975385	0.297015	0.91901	0.59525	NA	IGLV5-52	chr22	+	22673082	22673581	379
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	IGLV1-50	chr22	+	22681658	22682172	405
ENSG0000(	0	1.029414	-1.1526	0.51496	NA	TRGV9	chr7	-	38356618	38358462	1735
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	TRGV5	chr7	-	38388956	38389623	552
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	TRGV4	chr7	-	38393316	38394118	688
ENSG0000(	0	1.280305	-1.6305	0.35731	NA	TRGV3	chr7	-	38398113	38398763	537
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	TRGV1	chr7	-	38407187	38407770	465
ENSG0000(	0.705622	0	0.8807	0.6196	NA	TRBV7-3	chr7	-	1.42E+08	1.42E+08	397
ENSG0000(	1.08924	0	1.1858	0.50299	NA	TRBV9	chr7	-	1.42E+08	1.42E+08	390
ENSG0000(	0.290301	0	0.4146	0.81455	NA	TRBV10-1	chr7	-	1.42E+08	1.42E+08	412
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	TRBV6-5	chr7	-	1.42E+08	1.42E+08	410
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	TRBV27	chr7	+	1.42E+08	1.42E+08	387
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	TRBJ2-6	chr7	+	1.42E+08	1.42E+08	53
ENSG0000(	4.387035	67.95085	-3.8167	6.97E-13	4.00E-12	TRBC2	chr7	+	1.42E+08	1.43E+08	758
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	TRAV4	chr14	+	22204434	22205264	395

ENSG0000(	0	0.357707	-0.41864	0.81278	NA	TRAV5	chr14	+	22217462	22217989	352
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	TRAV6	chr14	+	22236729	22237320	404
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	TRAV8-2	chr14	+	22314719	22315403	566
ENSG0000(	2.261609	1.888903	0.21211	0.85872	0.90083	TRAV8-3	chr14	+	22320735	22321183	341
ENSG0000(	188.4641	9.560195	4.2586	4.27E-37	6.94E-36	TRAV13-1	chr14	+	22337020	22337546	360
ENSG0000(	0.36308	0	0.4146	0.81455	NA	TRAV12-2	chr14	+	22356037	22356682	445
ENSG0000(	7.926309	0	4.5912	0.000408	0.001072	TRAV8-4	chr14	+	22362613	22363210	469
ENSG0000(	0.290301	0	0.4146	0.81455	NA	TRAJ44	chr14	+	22963806	22963868	63
ENSG0000(	0.653381	0	0.82678	0.64037	NA	TRAJ43	chr14	+	22964896	22964949	54
ENSG0000(	0.995923	0	1.4959	0.39264	NA	TRAJ41	chr14	+	22966642	22966703	62
ENSG0000(	0.290301	0	0.4146	0.81455	NA	TRAJ40	chr14	+	22968672	22968732	61
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	TRAJ39	chr14	+	22970585	22970647	63
ENSG0000(	2.323223	0	2.4326	0.15328	0.23122	TRAJ38	chr14	+	22971215	22971276	62
ENSG0000(	0.705622	0	0.8807	0.6196	NA	TRAJ37	chr14	+	22972735	22972797	63
ENSG0000(	0.72616	0.343138	0.52026	0.77047	NA	TRAJ36	chr14	+	22974096	22974155	60
ENSG0000(	1.846289	0	2.122	0.22126	NA	TRAJ35	chr14	+	22975629	22975687	59
ENSG0000(	0.653381	0	0.82678	0.64037	NA	TRAJ34	chr14	+	22976651	22976708	58
ENSG0000(	1.08924	0	1.1858	0.50299	NA	TRAJ32	chr14	+	22978325	22978390	66
ENSG0000(	0.975385	0	1.2767	0.47406	NA	TRAJ30	chr14	+	22981834	22981890	57
ENSG0000(	0.36308	0	0.4146	0.81455	NA	TRAJ29	chr14	+	22982921	22982980	60
ENSG0000(	0.36308	0	0.4146	0.81455	NA	TRAJ28	chr14	+	22984601	22984666	66
ENSG0000(	0.653381	0	0.82678	0.64037	NA	TRAJ27	chr14	+	22985251	22985309	59
ENSG0000(	0.580602	0	0.8036	0.6494	NA	TRAJ26	chr14	+	22987424	22987483	60
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	TRAJ25	chr14	+	22987790	22987849	60
ENSG0000(	0.290301	0	0.4146	0.81455	NA	TRAJ23	chr14	+	22989394	22989456	63
ENSG0000(	0.290301	0	0.4146	0.81455	NA	TRAJ21	chr14	+	22992573	22992627	55
ENSG0000(	0.342542	0	0.4146	0.81455	NA	TRAJ20	chr14	+	22993296	22993352	57
ENSG0000(	0.632843	0	0.81931	0.64303	NA	TRAJ19	chr14	+	22994233	22994292	60
ENSG0000(	0.975385	0	1.2767	0.47406	NA	TRAJ18	chr14	+	22994620	22994685	66
ENSG0000(	0.36308	0	0.4146	0.81455	NA	TRAJ17	chr14	+	22995812	22995874	63
ENSG0000(	0.685084	0	0.85004	0.63064	NA	TRAJ16	chr14	+	22997487	22997546	60
ENSG0000(	0.685084	0	0.85004	0.63064	NA	TRAJ15	chr14	+	22998580	22998641	62
ENSG0000(	0.72616	0	0.85004	0.63064	NA	TRAJ13	chr14	+	23000026	23000088	63
ENSG0000(	0.632843	0	0.81931	0.64303	NA	TRAJ12	chr14	+	23000889	23000948	60
ENSG0000(	0.870904	0	1.046	0.5544	NA	TRAJ11	chr14	+	23001452	23001511	60
ENSG0000(	0.290301	0	0.4146	0.81455	NA	TRAJ10	chr14	+	23002445	23002508	64
ENSG0000(	0.36308	0	0.4146	0.81455	NA	TRAJ9	chr14	+	23004502	23004562	61
ENSG0000(	1.503747	0	1.8221	0.30126	NA	TRAJ8	chr14	+	23005092	23005151	60
ENSG0000(	2.064625	0	2.4902	0.12625	0.19686	TRAJ7	chr14	+	23006567	23006625	59
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	TRAJ6	chr14	+	23008016	23008077	62
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	TRAJ5	chr14	+	23009190	23009249	60
ENSG0000(	1.048164	0	1.348	0.44949	NA	TRAJ4	chr14	+	23011142	23011204	63
ENSG0000(	0.36308	0	0.4146	0.81455	NA	TRAJ1	chr14	+	23013981	23014042	62
ENSG0000(	5.238214	20.46535	-1.8555	0.021577	0.042261	PRR22	chr19	-	5782971	5784776	1640
ENSG0000(	6.607568	5.644019	0.2343	0.77305	0.83661	TAS2R19	chr12	-	11174218	11175219	1002
ENSG0000(	4.148974	2.38498	0.75188	0.46493	0.5697	TAS2R15	chr12	-	11117024	11117951	928
ENSG0000(	0.36308	0.98329	-0.93796	0.58624	NA	TAS2R50	chr12	-	11138512	11139511	1000
ENSG0000(	16.30722	9.86849	0.70458	0.29746	0.39939	TAS2R14	chr12	-	11090005	11324172	1858
ENSG0000(	1.555988	0.594029	0.9472	0.56119	0.65969	TAS2R13	chr12	-	11060525	11062161	1637
ENSG0000(	13.39402	26.05445	-0.95151	0.049527	0.088256	RP11-592N	chr15	-	71633466	71634086	580
ENSG0000(	19.54243	11.58908	0.73599	0.262	0.36017	AL161915.	chr1	+	54569968	54571750	1783
ENSG0000(	9.637227	6.407972	0.57	0.42299	0.52841	AL136115.	chr1	+	32379174	32380745	1572
ENSG0000(	198.6144	333.2893	-0.74805	7.88E-06	2.56E-05	AC084018.	chr12	-	1.22E+08	1.22E+08	1603
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-134K	chr9	+	8713311	8713841	531
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTAGE1	chr18	-	19993564	19997878	4306
ENSG0000(	0.72616	0	0.85004	0.63064	NA	AP002414.	chr18	-	12056675	12057821	1147
ENSG0000(	1015.741	528.9615	0.93977	3.34E-16	2.34E-15	C17orf51	chr17	-	21428051	21477781	7914
ENSG0000(	0.290301	0	0.4146	0.81455	NA	KRTAP4-9	chr17	+	39261584	39262740	1157
ENSG0000(	0.943682	0	1.2438	0.48556	NA	KRTAP2-3	chr17	-	39215495	39216344	850
ENSG0000(	4.221753	11.20794	-1.3243	0.10476	0.16786	DKFZP667F	chr10	+	6392278	6394723	2446
ENSG0000(	748.7188	145.3088	2.3598	2.34E-54	5.95E-53	FAM127C	chrX	-	1.34E+08	1.34E+08	2017
ENSG0000(	8.807399	8.980735	-0.03732	0.95571	0.97271	LINC00277	chr15	+	69365266	69388160	2498
ENSG0000(	2.188831	2.713549	-0.23994	0.85066	0.89494	ST13P5	chr11	+	18283529	18284638	1110
ENSG0000(	62.76288	94.73521	-0.59398	0.01131	0.023497	RPL15P3	chr6	+	12514342	12515006	615
ENSG0000(	0.995923	8.992888	-2.87	0.005772	0.01269	OR2A42	chr7	-	1.44E+08	1.44E+08	933

ENSG0000(	0.36308	4.989297	-3.152	0.017978	0.03584	RPS26P3	chr9	+	9090876	9091311	436
ENSG0000(	53.13421	267.5644	-2.3194	1.54E-19	1.27E-18	RNF208	chr9	-	1.4E+08	1.4E+08	1127
ENSG0000(	2216.265	3713.133	-0.74302	1.66E-05	5.21E-05	MT-ND4L	chrMT	+	10470	10766	297
ENSG0000(	77.19904	62.13671	0.31567	0.29709	0.39909	MAP10	chr1	+	2.33E+08	2.33E+08	5450
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RPL23AP4	chr21	+	48110676	48111157	463
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	KRTAP12-4	chr21	-	46074130	46074576	447
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-211N	chr9	-	46842616	46844326	1711
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	RP11-632K	chr11	+	74065488	74066765	1278
ENSG0000(	73.61111	80.20674	-0.11787	0.63432	0.72301	AC016747.	chr2	-	61368732	61372104	2346
ENSG0000(	1.628766	139.834	-6.1906	1.16E-22	1.10E-21	POU5F1B	chr8	+	1.28E+08	1.28E+08	5357
ENSG0000(	2.334388	4.213191	-0.79359	0.42776	0.53312	RPS26P6	chr8	+	1.02E+08	1.02E+08	414
ENSG0000(	1.628766	1.84278	-0.16858	0.90018	0.93097	AC023632.	chr8	+	95558771	95560630	1860
ENSG0000(	22.47298	14.13754	0.65662	0.20317	0.29203	RBM12B-AS	chr8	+	94752349	94753001	653
ENSG0000(	1.306762	0.715414	0.62012	0.70732	0.78242	BTF3P12	chr8	+	71185604	71186072	469
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CTD-3138B	chr19	+	58727546	58727927	382
ENSG0000(	507.5596	334.7801	0.59991	5.35E-05	0.000158	ZNF580	chr19	+	56146382	56154835	1418
ENSG0000(	6.204226	9.927639	-0.6296	0.47977	0.58402	AL590762.	chrX	-	70639933	70640364	432
ENSG0000(	207.4323	253.6181	-0.28929	0.12178	0.19123	ZNF611	chr19	-	53206066	53238326	4796
ENSG0000(	0	175.5629	-8.8753	4.25E-16	2.96E-15	SYT3	chr19	-	51124564	51171651	2915
ENSG0000(	1418.111	1967.432	-0.47155	4.68E-06	1.56E-05	NUP62	chr19	-	50410082	50433020	3590
ENSG0000(	1.576526	4.585467	-1.3686	0.19012	0.27677	COX20P1	chr10	+	70392128	70392484	357
ENSG0000(	0.290301	0	0.4146	0.81455	NA	CFL1P4	chr1	+	2.42E+08	2.42E+08	498
ENSG0000(	1.265686	3.010564	-1.0361	0.41909	0.52442	RP11-108F	chr1	-	2.3E+08	2.3E+08	906
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	AURKAPS1	chr1	-	2.2E+08	2.2E+08	1212
ENSG0000(	2.188831	0	2.3658	0.16633	0.24754	RP11-365D	chr1	-	2.15E+08	2.15E+08	575
ENSG0000(	0.653381	2.38498	-1.4933	0.28563	0.38705	RP11-383G	chr1	+	2.05E+08	2.05E+08	552
ENSG0000(	0	2.324288	-2.6717	0.096097	0.15624	RP11-532L	chr1	+	2E+08	2E+08	517
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	EEF1A1P32	chr1	+	1.98E+08	1.98E+08	1347
ENSG0000(	275.5218	31.14486	3.1419	4.67E-39	8.04E-38	DENND1B	chr1	-	1.97E+08	1.98E+08	6960
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	OR5S1P	chr2	+	2.41E+08	2.41E+08	951
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-436I9	chr12	-	9180128	9181685	950
ENSG0000(	0	1.280305	-1.6305	0.35731	NA	TPM3P1	chr7	-	1.17E+08	1.17E+08	747
ENSG0000(	0.870904	1.652581	-0.66289	0.65825	0.74249	AC064852.	chr2	-	2.34E+08	2.34E+08	676
ENSG0000(	2.810509	1.623443	0.68359	0.58695	0.68261	C1orf220	chr1	+	1.79E+08	1.79E+08	2595
ENSG0000(	1.027626	1.744828	-0.54842	0.73199	0.80198	RP4-765C7	chr1	+	1.78E+08	1.78E+08	357
ENSG0000(	0	1.652581	-2.1974	0.1871	NA	RP4-612B1	chr1	+	1.72E+08	1.72E+08	423
ENSG0000(	0.943682	0.343138	0.89828	0.6031	NA	PFN1P11	chr10	-	1.05E+08	1.05E+08	389
ENSG0000(	16.06916	11.8675	0.41854	0.43238	0.53785	AL021068.	chr1	+	1.69E+08	1.69E+08	1463
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-375F	chr1	+	1.69E+08	1.69E+08	457
ENSG0000(	250.2576	73.17801	1.7694	1.42E-20	1.23E-19	SFT2D2	chr1	+	1.68E+08	1.68E+08	1155
ENSG0000(	316.7457	474.9623	-0.58253	0.002833	0.006557	FGFR1OP	chr6	+	1.67E+08	1.67E+08	3871
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-277B	chr1	-	1.67E+08	1.67E+08	415
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	KRT8P40	chr2	+	1.78E+08	1.78E+08	563
ENSG0000(	0.685084	2.171348	-1.2276	0.43885	0.54452	HMGB3P6	chr1	+	1.64E+08	1.64E+08	598
ENSG0000(	12.37675	11.26373	0.13411	0.84677	0.8925	LPAL2	chr6	-	1.61E+08	1.61E+08	2368
ENSG0000(	42.81271	27.04902	0.66134	0.055477	0.097354	RP11-288H	chr6	+	1.61E+08	1.61E+08	3131
ENSG0000(	1.411244	0.297015	1.325	0.43226	NA	yR211F11..	chr6	-	1.59E+08	1.59E+08	580
ENSG0000(	1.317927	0.343138	1.2418	0.46439	NA	FAM106A	chr17	-	18427880	18430160	2281
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP5-933K2	chr6	-	1.58E+08	1.58E+08	934
ENSG0000(	698.4754	861.3601	-0.30122	0.13858	0.21213	SCAF8	chr6	+	1.55E+08	1.55E+08	5055
ENSG0000(	4.927375	8.129367	-0.69379	0.36118	0.46536	RP11-312J	chr1	+	1.61E+08	1.61E+08	1097
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	AC012362.	chr2	-	2.09E+08	2.09E+08	739
ENSG0000(	0	4.63159	-3.7851	0.007148	0.015444	PPP1R14BI	chr2	+	2.09E+08	2.09E+08	444
ENSG0000(	17.65685	1.043983	3.8242	2.82E-05	8.58E-05	CCDC19	chr1	-	1.6E+08	1.6E+08	1976
ENSG0000(	0	2.962024	-3.0366	0.050267	0.089367	DARC	chr1	+	1.59E+08	1.59E+08	1902
ENSG0000(	4.689314	1.355566	1.6194	0.13096	0.20289	PDCL3P5	chr6	+	1.51E+08	1.51E+08	722
ENSG0000(	1.701545	1.248751	0.32998	0.81004	0.86609	AC007256.	chr2	-	2.02E+08	2.02E+08	2765
ENSG0000(	172.3016	359.4673	-1.0546	6.45E-08	2.56E-07	ZNF254	chr19	+	24216276	24312654	3967
ENSG0000(	0.342542	4.692283	-3.058	0.023315	0.045333	NPM1P46	chr2	-	1.98E+08	1.98E+08	865
ENSG0000(	1.233984	3.662869	-1.3227	0.27337	0.37307	RP11-55K2	chr6	-	1.37E+08	1.37E+08	1297
ENSG0000(	0.943682	0	1.2438	0.48556	NA	COX5BP2	chr6	-	1.36E+08	1.36E+08	1125
ENSG0000(	0	5.520218	-3.924	0.006728	0.014604	TUBB8P8	chr3	+	1.98E+08	1.98E+08	1058
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CHCHD2P4	chr6	-	1.35E+08	1.35E+08	434
ENSG0000(	0.290301	0	0.4146	0.81455	NA	LIN28AP1	chr2	+	1.84E+08	1.84E+08	405
ENSG0000(	35.00043	19.84721	0.79491	0.10353	0.16619	TCTEX1D2	chr3	-	1.96E+08	1.96E+08	800

ENSG0000(	7.168446	1.98115	1.723	0.061432	0.1065	YWHAZP4	chr6	+	1.28E+08	1.28E+08	708
ENSG0000(	6.700885	2.321872	1.4076	0.15899	0.23843	AC022498.	chr3	+	1.88E+08	1.88E+08	2268
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	PPP1R14BI	chr6	-	1.27E+08	1.27E+08	435
ENSG0000(	5.519142	14.33016	-1.3172	0.043768	0.079248	AC015815.	chr17	-	75085986	75087063	123
ENSG0000(	0.290301	0.700845	-0.56655	0.74739	NA	ARF1P2	chr12	-	1.21E+08	1.21E+08	538
ENSG0000(	23.23003	14.38602	0.67962	0.1892	0.27558	CRYGS	chr3	-	1.86E+08	1.86E+08	1536
ENSG0000(	2.323223	4.244745	-0.77291	0.50432	0.60777	RP11-64B1	chr12	+	1.2E+08	1.2E+08	545
ENSG0000(	2.229907	0.343138	2.0199	0.18438	0.26969	CRIP1	chr14	+	1.06E+08	1.06E+08	2241
ENSG0000(	5.841146	3.974453	0.51955	0.58158	0.67795	CNN2P9	chr6	+	1.11E+08	1.11E+08	909
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-346C	chr6	+	1.11E+08	1.11E+08	860
ENSG0000(	1.048164	1.294874	-0.27358	0.85003	0.89459	RPL7AP60	chr12	-	1.13E+08	1.13E+08	794
ENSG0000(	193.1185	909.3674	-2.2318	2.66E-56	7.12E-55	KLHL23	chr2	+	1.71E+08	1.71E+08	4077
ENSG0000(	0.342542	0.654722	-0.52406	0.76557	NA	AL591516.	chr6	+	1.08E+08	1.08E+08	276
ENSG0000(	1.89853	0	2.1633	0.21098	NA	RP11-81B1	chr10	+	1.28E+08	1.28E+08	594
ENSG0000(	0	2.65044	-2.9164	0.059842	0.10422	PRDX2P4	chr6	+	1.01E+08	1.01E+08	600
ENSG0000(	24.08797	65.63456	-1.4333	1.08E-05	3.44E-05	RP11-641D	chr3	-	1.69E+08	1.69E+08	410
ENSG0000(	368.2375	371.1452	-0.00971	0.95859	0.97496	TRIM59	chr3	-	1.6E+08	1.6E+08	4615
ENSG0000(	4.729577	4.196206	0.16735	0.85457	0.89775	YBX1P4	chr7	+	1.52E+08	1.52E+08	808
ENSG0000(	18.71358	28.79955	-0.61199	0.13439	0.20735	BTF3L4P2	chr2	+	1.6E+08	1.6E+08	712
ENSG0000(	1399.968	338.8399	2.0456	1.54E-46	3.20E-45	MLLT11	chr1	+	1.51E+08	1.51E+08	4072
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC016732.	chr2	-	1.58E+08	1.58E+08	693
ENSG0000(	3.257533	3.025133	0.10948	0.91395	0.94127	AC012066.	chr2	+	1.53E+08	1.53E+08	694
ENSG0000(	25.15765	26.57483	-0.07381	0.88672	0.92087	ASIC3	chr7	+	1.51E+08	1.51E+08	2232
ENSG0000(	0.632843	0	0.81931	0.64303	NA	GIMAP1	chr7	+	1.5E+08	1.5E+08	4420
ENSG0000(	12.1686	2.886762	1.9539	0.009868	0.020765	C6orf165	chr6	+	88117701	88221352	2580
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	STRADBP1	chr7	-	1.5E+08	1.5E+08	1281
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-30P6	chr6	+	85997507	85998725	1219
ENSG0000(	7.49045	12.06011	-0.66264	0.3134	0.41567	NCLP1	chr9	-	1.4E+08	1.4E+08	1963
ENSG0000(	24.91601	40.05684	-0.67737	0.086443	0.14281	KIAA1984	chr9	+	1.4E+08	1.4E+08	4244
ENSG0000(	3.725094	364.6963	-6.5306	1.23E-44	2.43E-43	ARHGEF35	chr7	-	1.44E+08	1.44E+08	2431
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-355C	chr9	-	1.26E+08	1.26E+08	381
ENSG0000(	3.133327	4.965864	-0.63724	0.5484	0.64847	DNLZ	chr9	-	1.39E+08	1.39E+08	2934
ENSG0000(	73.08096	15.93017	2.1643	4.71E-09	2.05E-08	AC093724.	chr2	-	1.32E+08	1.32E+08	1027
ENSG0000(	0	3.855484	-3.424	0.022534	0.043969	AC018804.	chr2	+	1.31E+08	1.31E+08	2235
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-337C	chr1	+	1.47E+08	1.47E+08	960
ENSG0000(	1.213446	2.292733	-0.73711	0.56892	0.66621	RPL12P38	chr17	-	58511039	58513357	2319
ENSG0000(	0	2.604317	-2.8535	0.070151	0.11941	TCL1B	chr14	+	96152754	96158980	1724
ENSG0000(	0.653381	0.297015	0.51304	0.77085	NA	ST13P10	chr11	-	1.12E+08	1.12E+08	1082
ENSG0000(	1.597063	2.079102	-0.29467	0.85034	0.89482	EEF1A1P16	chr12	+	17143604	17145017	1414
ENSG0000(	4.273994	2.428687	0.7621	0.46608	0.57085	YWHAZP2	chr2	-	1.27E+08	1.27E+08	728
ENSG0000(	306.4535	51.03013	2.566	1.44E-30	1.87E-29	NOTCH2NL	chr1	+	1.45E+08	1.45E+08	5036
ENSG0000(	183.9588	254.3358	-0.46515	0.033577	0.062759	SUPT4H1	chr17	-	56422539	56430454	1643
ENSG0000(	6.234137	1.058552	2.321	0.036257	0.067238	RBMS2P1	chr12	-	94817520	94818745	1226
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-819M	chr11	-	1.07E+08	1.07E+08	1499
ENSG0000(	1.016461	5.393128	-2.1392	0.060184	0.1047	CTC-250I14	chr19	-	13268773	13269602	499
ENSG0000(	0.632843	0.343138	0.49756	0.77728	NA	YWHAZP5	chr10	+	1.07E+08	1.07E+08	730
ENSG0000(	5.685237	12.55377	-1.1151	0.082613	0.1373	AC093106.	chr7	-	1.31E+08	1.31E+08	673
ENSG0000(	0	2.056411	-2.4909	0.12616	0.19678	NIP7P2	chr3	+	1.32E+08	1.32E+08	544
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-613M	chr12	+	76993451	76994250	800
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	IFITM9P	chr11	-	69070879	69071274	396
ENSG0000(	3.95199	5.183528	-0.3381	0.76425	0.82903	MARCKSL1I	chr10	+	1.05E+08	1.05E+08	541
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP1-29C18	chr22	-	49965912	49969074	2379
ENSG0000(	4.668776	2.65044	0.75143	0.42435	0.52967	RP11-212P	chr7	-	1.28E+08	1.28E+08	448
ENSG0000(	1918.456	1705.85	0.1695	0.17915	0.2632	NRAS	chr1	-	1.15E+08	1.15E+08	4449
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC009237.	chr2	+	96191093	96192968	1427
ENSG0000(	0.290301	0.997859	-1.0217	0.53916	NA	RP11-680L	chr11	-	86969893	86970301	409
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	PGK1P2	chr19	+	12670385	12671919	1214
ENSG0000(	0.653381	0	0.82678	0.64037	NA	CTD-2666L	chr19	+	12370941	12371352	412
ENSG0000(	55.39582	67.94582	-0.28723	0.3367	0.44048	RP11-642M	chr3	+	75263782	75264787	1006
ENSG0000(	1.213446	1.294874	-0.05041	0.97171	0.98436	CTC-398G3	chr19	+	11634251	11634646	396
ENSG0000(	5.156876	9.591749	-0.87364	0.25289	0.34981	CTC-398G3	chr19	+	11632783	11633313	531
ENSG0000(	0.36308	0.715414	-0.51558	0.77246	NA	AP000857.	chr11	-	84731829	84732699	871
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-3L10	chr7	+	1.21E+08	1.21E+08	316
ENSG0000(	1.628766	0.654722	1.0347	0.47599	0.58054	CTD-3035D	chr14	+	91232875	91233333	459
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	LTC4S	chr5	+	1.79E+08	1.79E+08	909

ENSG0000(	11.89802	19.49508	-0.68528	0.18454	0.26982	RPS7P11	chr17	-	44798948	44799533	586
ENSG0000(	0	2.740271	-2.6376	0.11836	0.18676	RP11-281C	chr5	-	1.78E+08	1.78E+08	900
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	SLC25A5P6	chr4	-	1.87E+08	1.87E+08	886
ENSG0000(	0.290301	0.686276	-0.47648	0.78935	NA	NPM1P50	chr11	-	74790310	74791176	867
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CLNS1AP1	chr6	-	54349967	54350648	682
ENSG0000(	24.93834	31.22421	-0.32194	0.38686	0.49106	ANKRD39	chr2	-	97502348	97523832	4965
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	ATF4P1	chrX	-	1.54E+08	1.54E+08	1073
ENSG0000(	627.1066	779.8829	-0.31283	0.076898	0.12916	QTRT1	chr19	+	10812106	10824113	2034
ENSG0000(	481.138	293.4481	0.71178	0.000464	0.001211	CHUK	chr10	-	1.02E+08	1.02E+08	4845
ENSG0000(	0.36308	0	0.4146	0.81455	NA	PCNPP3	chr12	-	66039772	66040242	471
ENSG0000(	412.6979	387.224	0.0907	0.722	0.79434	MXD3	chr5	-	1.77E+08	1.77E+08	2279
ENSG0000(	0.36308	2.217472	-1.8856	0.24144	0.33645	GAPDHP44	chr12	+	63149007	63150013	1007
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP4-778K6	chr7	+	1.05E+08	1.05E+08	319
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	FTH1P12	chr9	-	15527131	15527681	551
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AP000593.	chr11	+	71991195	71992222	712
ENSG0000(	241.5369	76.61201	1.6432	1.29E-08	5.43E-08	GSTM2	chr1	+	1.1E+08	1.1E+08	4321
ENSG0000(	1.286224	0.715414	0.65982	0.67411	0.75592	ST13P11	chr11	+	94646212	94646931	720
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RANP6	chr4	-	1.75E+08	1.75E+08	644
ENSG0000(	1.027626	0	1.1491	0.51623	NA	NAP1L1P3	chr3	+	1.21E+08	1.21E+08	880
ENSG0000(	455.2297	600.8087	-0.39868	0.001184	0.002906	COG8	chr16	-	69354043	69373570	4247
ENSG0000(	0	1.949596	-2.4359	0.13595	0.20899	AC104297.	chr3	-	17913221	17914090	870
ENSG0000(	1.971308	1.995719	-0.01132	0.99229	0.99582	RP11-577H	chr7	+	1.02E+08	1.02E+08	794
ENSG0000(	397.5407	921.2762	-1.209	3.12E-10	1.49E-09	ARHGAP19	chr10	-	98978996	99052413	5525
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	RP11-66N1	chrX	+	1.53E+08	1.53E+08	372
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP4-747G1	chr7	-	1.01E+08	1.01E+08	882
ENSG0000(	9.273333	6.598171	0.48095	0.49579	0.59967	HAUS7	chrX	-	1.53E+08	1.53E+08	2124
ENSG0000(	135.4211	114.9426	0.23559	0.36994	0.47445	LCAT	chr16	-	67973653	67978034	1507
ENSG0000(	0.632843	1.043983	-0.48405	0.76438	NA	AC022210.	chr2	+	85142910	85143789	876
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RPL12P18	chr2	+	85101820	85102144	325
ENSG0000(	11.70185	36.72174	-1.6359	0.000169	0.000467	PTPRCAP	chr11	-	67202981	67205538	1292
ENSG0000(	1.597063	3.339132	-0.86014	0.53156	0.63287	ANXA2P1	chr4	-	1.54E+08	1.54E+08	926
ENSG0000(	2.635854	1.727843	0.50149	0.7239	0.79565	RP11-658F	chr11	-	66529046	66529870	825
ENSG0000(	1.233984	0.937167	0.29627	0.84809	0.89328	RBM22P2	chr13	-	31113734	31117598	1814
ENSG0000(	3.890376	3.573038	0.11214	0.90486	0.93427	PVRIG	chr7	+	99815864	99819113	1583
ENSG0000(	484.3863	1661.114	-1.7693	1.66E-12	9.28E-12	GPC2	chr7	-	99767229	99774995	2532
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RBMX2P2	chrX	-	1.4E+08	1.4E+08	946
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	KRT222	chr17	-	38810917	38821433	2764
ENSG0000(	4.128436	17.16435	-1.9544	0.005312	0.011772	HSPD1P1	chr5	+	21882694	21884421	1726
ENSG0000(	1.846289	4.495636	-1.1057	0.34065	0.44459	RP11-54C4	chr5	-	1.51E+08	1.51E+08	520
ENSG0000(	1.669842	0.357707	1.5246	0.35757	0.46184	VTI1BP2	chr4	+	1.84E+08	1.84E+08	696
ENSG0000(	0.290301	0.715414	-0.50514	0.77701	NA	RP11-47G1	chr10	+	1.26E+08	1.26E+08	760
ENSG0000(	0.943682	0.997859	-0.04164	0.97782	0.9876	H2AFZP1	chr21	-	45466228	45466922	395
ENSG0000(	247.884	455.9886	-0.87599	3.97E-08	1.60E-07	RPL18AP3	chr12	+	1.05E+08	1.05E+08	563
ENSG0000(	14.74105	17.56334	-0.25221	0.61609	0.70758	RP11-75L1	chr12	+	9847980	9848823	844
ENSG0000(	1607.119	1230.91	0.38329	0.039937	0.073283	SIPA1	chr11	+	65405568	65418401	3628
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-425J	chr4	+	1.38E+08	1.38E+08	415
ENSG0000(	1.960143	4.974728	-1.2091	0.25138	0.3481	FTH1P3	chr2	-	27615651	27616234	584
ENSG0000(	6.129655	0	4.1366	0.002987	0.006888	RP13-235E	chr6	-	41275904	41276303	400
ENSG0000(	143.5168	80.7733	0.82233	0.000131	0.000367	ERV3-1	chr7	-	64451187	64467121	2719
ENSG0000(	280.9062	227.3009	0.30513	0.052126	0.092262	SYNJ2BP	chr14	-	70838148	70883778	2080
ENSG0000(	234.5165	595.6502	-1.3406	9.54E-13	5.43E-12	ARL2	chr11	+	64781585	64789656	1228
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	HMGB1P37	chr9	-	1.24E+08	1.24E+08	609
ENSG0000(	11.13241	190.4771	-4.0885	2.36E-36	3.73E-35	RP11-453F	chrX	-	1.31E+08	1.31E+08	2928
ENSG0000(	1.669842	1.98115	-0.21522	0.86843	0.90844	TTLL13	chr15	+	90792762	90808199	2738
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-364P	chr4	-	1.22E+08	1.22E+08	913
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	EIF4A1P8	chr10	+	93896632	93898127	1190
ENSG0000(	1.649304	0	2.1906	0.18857	NA	ACTN4P1	chr4	+	1.18E+08	1.18E+08	1451
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	PPIAP16	chr3	+	57927545	57928031	487
ENSG0000(	1.649304	0	2.1906	0.18857	NA	GBP7	chr1	-	89597434	89641723	2454
ENSG0000(	17.50094	15.45511	0.16392	0.74741	0.81503	RP13-39P1	chr10	-	79540095	79541634	1540
ENSG0000(	2.967231	0.997859	1.3615	0.26316	0.36132	RP11-428P	chr10	+	79490524	79494527	3711
ENSG0000(	233.4804	376.7496	-0.68837	0.000109	0.00031	RBMXL1	chr1	-	89445139	89458643	5084
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC132008.	chr3	-	1.97E+08	1.97E+08	286
ENSG0000(	1177.499	590.3219	0.99503	1.62E-18	1.27E-17	SRA1	chr5	-	1.4E+08	1.4E+08	2165
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	SETP8	chrX	+	1.16E+08	1.16E+08	628

ENSG0000(	1.161205	1.073121	0.097305	0.95531	0.97242	RP11-432F	chr9	+	1.15E+08	1.15E+08	403
ENSG0000(	4.439275	8.809938	-0.90383	0.30082	0.40226	TMEM110	chr3	-	52870235	52931612	4769
ENSG0000(	0.653381	0	0.82678	0.64037	NA	KRT8P41	chr11	+	9115910	9117737	1828
ENSG0000(	2.334388	2.399549	-0.02479	0.98237	0.99011	RP11-486G	chr1	+	84551424	84551916	493
ENSG0000(	1.576526	2.757256	-0.66604	0.57654	0.67327	RP11-467H	chr7	-	76744716	76745509	794
ENSG0000(	0.685084	0	0.85004	0.63064	NA	XX-2136C1	chr10	-	1.35E+08	1.35E+08	485
ENSG0000(	1.846289	1.606458	0.17273	0.90255	0.93263	AC005077.	chr7	-	75742344	75742718	375
ENSG0000(	81.68558	92.13969	-0.17112	0.54045	0.64097	DNAJC9	chr10	-	74943120	75008620	3032
ENSG0000(	140.0588	289.7102	-1.0433	1.07E-07	4.16E-07	RPLP0P6	chr2	+	38708920	38710012	954
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-386I	chr1	+	78557183	78557738	556
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-386I	chr1	-	78509067	78509832	766
ENSG0000(	747.7255	578.6476	0.36812	0.014308	0.029121	C8orf82	chr8	-	1.46E+08	1.46E+08	2476
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	RP13-383K	chrX	+	1.06E+08	1.06E+08	611
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP4-595K1	chr1	+	76047784	76048240	457
ENSG0000(	3782.75	4481.313	-0.24421	0.009007	0.019092	VDAC1	chr5	-	1.33E+08	1.33E+08	1953
ENSG0000(	297.481	681.988	-1.1938	8.28E-11	4.12E-10	ZBTB9	chr6	+	33422356	33425325	2716
ENSG0000(	1.233984	3.336716	-1.2043	0.32011	0.42293	RP11-229P	chr9	+	1.4E+08	1.4E+08	1322
ENSG0000(	2.293312	2.918317	-0.30473	0.80184	0.85978	AP000662.	chr11	-	57485516	57486002	487
ENSG0000(	641.4118	820.0821	-0.35226	0.16245	0.24284	TMX2	chr11	+	57480072	57508445	1697
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-112J	chr14	+	59261372	59261747	376
ENSG0000(	11.36966	3.573038	1.5867	0.03191	0.059945	U73169.1	chr3	+	50277054	50277416	359
ENSG0000(	2.044087	1.326428	0.50628	0.70665	0.78193	SLC25A14F	chr4	+	84398677	84399577	901
ENSG0000(	0.342542	1.355566	-1.3789	0.3926	NA	RP11-170N	chr10	-	65662211	65663005	795
ENSG0000(	2.096328	243.0805	-6.7446	4.43E-32	6.12E-31	FAM220CP	chr9	+	99883941	99884771	831
ENSG0000(	10.30177	10.64789	-0.04785	0.93515	0.95753	RP11-380G	chr10	+	89705259	89705781	523
ENSG0000(	82.69153	46.15652	0.82832	0.003643	0.008286	HEXA	chr15	-	72635775	72668817	6909
ENSG0000(	734.1852	905.6529	-0.30227	0.010342	0.021679	NDUFS3	chr11	+	47586888	47606114	1769
ENSG0000(	1.379541	4.317591	-1.4601	0.21791	0.30936	AL121657.	chr2	+	31513628	31514470	531
ENSG0000(	4.637074	8.637597	-0.86046	0.23637	0.3304	RPSAP54	chr13	+	21535449	21536334	886
ENSG0000(	813.3627	276.3264	1.5558	2.99E-33	4.31E-32	LEPROT	chr1	+	65886270	65901690	4622
ENSG0000(	643.0554	613.8269	0.067559	0.62867	0.71839	LBH	chr2	+	30454397	30546596	2933
ENSG0000(	94.03821	252.2189	-1.4172	1.68E-13	1.00E-12	ADAT3	chr19	+	1905377	1913444	1618
ENSG0000(	1798.898	1402.647	0.35838	0.041152	0.075197	PPP1CB	chr2	+	28974506	29025806	4893
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-797H	chr7	+	64323377	64324748	880
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-132J	chr14	+	56010119	56010887	769
ENSG0000(	0	2.261179	-2.4065	0.15834	0.23767	RP11-561N	chr7	-	64029806	64030815	1010
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-165H	chr7	+	63642088	63643271	1184
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	HMGB3P3(	chrX	+	1.12E+08	1.12E+08	606
ENSG0000(	82.32861	115.6533	-0.49051	0.080665	0.13449	GPSM3	chr6	-	32158543	32163300	1476
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-346D	chr10	-	54148872	54149248	377
ENSG0000(	1.753786	1.698704	0.025873	0.98445	0.99109	RSU1P3	chr10	+	53079586	53080420	835
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RPS16P8	chr17	+	25607508	25607938	431
ENSG0000(	0.632843	0.297015	0.49183	0.78024	NA	PGGT1BP1	chr10	-	52486707	52487729	1023
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-476B	chr9	-	95439225	95439689	465
ENSG0000(	305.6144	751.1256	-1.294	5.30E-21	4.68E-20	NCKIPSD	chr3	-	48701364	48723797	2989
ENSG0000(	1771.829	700.6074	1.3379	3.27E-27	3.74E-26	ATF6B	chr6	-	32065953	32096030	2624
ENSG0000(	0.705622	4.106375	-2.1767	0.094978	0.1547	AC002056.	chr22	-	51193096	51193862	762
ENSG0000(	193.8652	75.70532	1.3537	3.04E-08	1.24E-07	TREX1	chr3	+	48506445	48509044	2197
ENSG0000(	32.30621	15.92117	0.99118	0.113	0.1793	SEC14L1P1	chr11	+	43919006	43921186	2181
ENSG0000(	2670.156	135.502	4.2843	1.46E-128	1.29E-126	S1PR3	chr9	+	91606362	91619925	8505
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RPS7P14	chrX	+	73629353	73629935	583
ENSG0000(	785.4794	245.8433	1.6723	3.13E-25	3.31E-24	SLC35F6	chr2	+	26987152	27004099	3898
ENSG0000(	23.30957	10.48682	1.141	0.028784	0.054712	RPL17P50	chr10	-	74765591	74766353	546
ENSG0000(	0	1.40169	-1.7271	0.32809	NA	RP5-849H1	chr1	-	63106793	63107338	546
ENSG0000(	2.032922	0	2.2293	0.19653	0.28458	AL590762.	chrX	+	70572268	70572838	571
ENSG0000(	22.17926	38.84367	-0.79298	0.03418	0.063793	HMGB1P1(	chr22	+	26956492	26957054	563
ENSG0000(	112.9386	81.05502	0.47454	0.17749	0.26115	PIGCP1	chr11	-	33097112	33098006	895
ENSG0000(	1.068702	4.120944	-1.732	0.1582	0.23758	FAM209B	chr20	+	55108302	55111576	694
ENSG0000(	1.649304	0.357707	1.6361	0.29742	0.39936	AC004692.	chr7	+	43313758	43314181	424
ENSG0000(	5924.665	2744.503	1.1096	1.32E-28	1.60E-27	CLIC1	chr6	-	31698358	31707540	1560
ENSG0000(	0.580602	0.343138	0.37443	0.8337	NA	HMGN2P3(	chr7	+	42152964	42153219	256
ENSG0000(	2575.122	1768.689	0.54087	0.000382	0.001007	DDAH2	chr6	-	31694815	31698394	1688
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RPS2P52	chr19	+	690381	691175	795
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	POLD2P1	chr5	+	92603135	92604131	997
ENSG0000(	0.36308	3.91376	-2.7502	0.054214	0.095421	RAB5CP1	chr10	-	76183193	76183772	580

ENSG0000(	0	0.686276	-0.84936	0.6309	NA	ANAPC10P	chr1	+	52719293	52719848	556
ENSG0000(	7.323377	11.9533	-0.693	0.31336	0.41564	SERBP1P1	chrX	+	68003315	68004909	1160
ENSG0000(	2105.92	4196.521	-0.99289	5.15E-12	2.78E-11	RPS29	chr14	-	50043390	50065408	1374
ENSG0000(	10.59126	17.34401	-0.68501	0.21044	0.30061	RP4-694B1	chr20	+	25604681	25658710	4666
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RPS10P14	chr7	+	37415125	37415626	502
ENSG0000(	652.5828	501.8259	0.37768	0.003131	0.007199	RPL23AP7	chr19	+	59084870	59111168	3282
ENSG0000(	0	2.338857	-2.7203	0.085631	0.14161	RP11-284B	chrX	-	63524927	63526613	1436
ENSG0000(	0.290301	1.698704	-1.6722	0.28779	0.38931	RP11-342F	chr5	+	78806257	78806742	486
ENSG0000(	2.229907	3.80936	-0.69175	0.52389	0.62621	CTC-451P1	chr5	-	78579955	78580741	787
ENSG0000(	12.23021	16.84223	-0.45502	0.37524	0.47947	ATP6V1G2	chr6	-	31512239	31516204	1588
ENSG0000(	0.36308	2.117104	-1.7886	0.27236	0.37188	MT1P1	chr9	-	98175549	98175731	183
ENSG0000(	277.5856	819.753	-1.5574	2.94E-21	2.63E-20	ZNF134	chr19	+	58125601	58134724	3547
ENSG0000(	1.524285	3.757532	-1.0661	0.40474	0.5096	ACTBP2	chr5	+	77080705	77081827	1123
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-385J	chr2	-	9411421	9411757	337
ENSG0000(	0.580602	10.29018	-3.5543	0.0012	0.002941	CTD-2224J	chr19	+	54006646	54015941	887
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	RP11-452G	chr11	+	17215036	17215855	454
ENSG0000(	10.13649	8.41826	0.25608	0.70101	0.77757	DDX47	chr12	+	12966250	12982915	2689
ENSG0000(	0.632843	0.343138	0.49756	0.77728	NA	RP11-449L	chr11	-	16505631	16506218	588
ENSG0000(	1.027626	2.367995	-0.9604	0.50663	0.61015	OLA1P1	chr22	-	42503769	42504957	1189
ENSG0000(	7.084503	21.3613	-1.5341	0.006778	0.014707	ZNF888	chr19	-	53418449	53426723	551
ENSG0000(	123.7859	228.1647	-0.87497	0.001592	0.003823	ZNF845	chr19	+	53837002	53858122	4311
ENSG0000(	0.705622	0.686276	0.017556	0.99188	NA	KLRK1	chr12	-	10524952	10544473	2064
ENSG0000(	0	1.188058	-1.268	0.47398	NA	AC017028.	chr2	-	2.4E+08	2.4E+08	264
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CFL1P5	chr5	-	68609198	68609699	502
ENSG0000(	77.10752	38.35089	0.99896	0.000487	0.001267	RP11-3J10	chr9	+	37885680	37886387	708
ENSG0000(	2.738544	1.98115	0.39388	0.73571	0.80501	SUGT1P2	chr3	+	32794402	32795393	992
ENSG0000(	31.97321	4.960159	2.622	1.86E-06	6.49E-06	AC098614.	chr3	+	27674467	27675211	745
ENSG0000(	568.6993	291.4693	0.96117	6.45E-10	3.03E-09	EMP2	chr16	-	10622279	10674555	5197
ENSG0000(	0.923144	0.951736	-0.02288	0.98842	NA	VDAC1P2	chrX	-	49397103	49397952	850
ENSG0000(	1.068702	1.730259	-0.54377	0.72022	0.79307	RP11-12M	chr22	-	41470184	41471243	1060
ENSG0000(	274.2723	106.865	1.3514	3.60E-06	1.21E-05	KCTD11	chr17	+	7255208	7258258	3051
ENSG0000(	3.092251	3.930745	-0.33983	0.7326	0.80242	RPL21P75	chr7	+	20042346	20042909	564
ENSG0000(	3.82697	3.899191	-0.01932	0.98432	0.99109	CTD-2270N	chr15	-	48022341	48023132	792
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	XX-C2158C	chr6	+	1.71E+08	1.71E+08	758
ENSG0000(	0.290301	0	0.4146	0.81455	NA	EEF1B2P2	chr5	-	67455046	67455721	676
ENSG0000(	47.80252	52.63821	-0.14504	0.65285	0.73804	C8orf44	chr8	+	67579850	67597799	1835
ENSG0000(	20.42629	30.73867	-0.58837	0.17901	0.26305	YBX1P10	chr9	-	35971341	35972315	975
ENSG0000(	0.632843	3.558469	-2.0483	0.1205	0.18946	TAF9BP1	chr3	+	25796416	25797161	746
ENSG0000(	4.12925	1.684135	1.1481	0.30044	0.40197	AC092798.	chr3	+	25790979	25791387	409
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RPL7AP64	chr17	+	7044249	7044911	663
ENSG0000(	2.540746	16.26518	-2.5105	0.001552	0.003737	NPM1P6	chr8	+	62114909	62115779	871
ENSG0000(	4.87432	4.617021	0.096914	0.92007	0.94625	RPL13AP7	chr21	+	26734135	26734745	611
ENSG0000(	95.43152	141.9445	-0.57062	0.016534	0.0332	AC005003.	chr22	+	31742875	31744670	1796
ENSG0000(	5.882222	175.3209	-4.8198	7.21E-30	9.16E-29	PPM1N	chr19	+	45992035	46005768	1953
ENSG0000(	5.560218	3.169208	0.7338	0.42004	0.52551	RPL3P6	chr5	-	60686495	60687698	1204
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CEACAM16	chr19	+	45202421	45213986	1701
ENSG0000(	10.07227	4.914036	0.99181	0.16201	0.2423	SLC23A3	chr2	-	2.2E+08	2.2E+08	4222
ENSG0000(	52.9783	100.6616	-0.92106	0.000884	0.002212	LTB4R	chr14	+	24780656	24787242	4110
ENSG0000(	3.04001	9.961609	-1.637	0.040338	0.073919	CTB-50E14.	chr19	+	42901280	43156507	2383
ENSG0000(	9.596151	11.80922	-0.29682	0.62179	0.71229	LTB4R2	chr14	+	24774940	24781259	3092
ENSG0000(	258.2194	229.1542	0.17419	0.38303	0.48713	DNASE1	chr16	+	3661729	3730144	4731
ENSG0000(	0.580602	0.357707	0.37639	0.83285	NA	MDP1	chr14	-	24683143	24685276	889
ENSG0000(	0.632843	0	0.81931	0.64303	NA	AC011500.	chr19	+	39930212	39932082	468
ENSG0000(	4220.09	4349.1	-0.04344	0.79108	0.85123	CSNK1E	chr22	-	38686697	38794527	2791
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	MSRB1P1	chr19	-	39745556	39745909	354
ENSG0000(	15.8919	3.815808	1.992	0.007617	0.016361	IRF9	chr14	+	24630262	24635774	1838
ENSG0000(	95.0783	80.67697	0.23097	0.4006	0.50533	GALT	chr9	+	34638130	34651032	2566
ENSG0000(	0	3.928329	-3.2035	0.047445	0.085018	HBE1	chr11	-	5289582	5526847	906
ENSG0000(	0	74.56278	-7.7556	1.74E-12	9.71E-12	CLDN9	chr16	+	3062457	3064506	2050
ENSG0000(	0	1.280305	-1.6305	0.35731	NA	SEPHS1P6	chr2	+	2.01E+08	2.01E+08	1179
ENSG0000(	0.685084	2.38498	-1.4135	0.33521	0.43884	RP11-314A	chr17	-	4608111	4608512	402
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP1-102E2	chr12	-	6518803	6519179	377
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	KRT18P17	chr3	-	12828892	12830170	1279
ENSG0000(	853.225	95.6131	3.1507	6.29E-50	1.44E-48	ITGA1	chr5	+	52083730	52252327	8044
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RPS10P2	chr20	+	14738209	14738702	494

ENSG0000(	0	0.715414	-0.84936	0.6309	NA	AC018867.	chr2	+	1.87E+08	1.87E+08	57
ENSG0000(	0.685084	0.357707	0.4822	0.78686	NA	KRT18P29	chr2	-	1.83E+08	1.83E+08	1267
ENSG0000(	21.28602	8.626317	1.2284	0.11555	0.18287	AC074286.	chr2	-	1.78E+08	1.78E+08	5202
ENSG0000(	1.379541	0	1.686	0.34092	NA	CHCHD4P4	chr3	-	11275942	11276268	327
ENSG0000(	148.7346	65.14108	1.1756	7.61E-05	0.00022	NUDT19	chr19	+	33182867	33204702	2967
ENSG0000(	4.627701	103.1721	-4.4039	7.30E-21	6.39E-20	ZNF726	chr19	+	24097678	24127961	2473
ENSG0000(	0.975385	1.058552	-0.06268	0.96813	0.98204	RP11-264F	chr12	-	4433538	4433977	440
ENSG0000(	20.12743	83.56353	-2.0355	3.18E-07	1.19E-06	RP11-15H2	chr19	-	23442708	23457053	2651
ENSG0000(	11.04766	95.43593	-3.0632	2.49E-16	1.75E-15	CTD-2561J	chr19	+	21565667	21569979	1764
ENSG0000(	7.46812	5.164927	0.49823	0.52282	0.62537	TAX1BP3	chr17	-	3566196	3571976	1377
ENSG0000(	0.653381	0.654722	-0.00313	0.9985	NA	RPL7AP14	chr20	-	36073135	36073936	802
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC007277.	chr2	-	1.71E+08	1.72E+08	2189
ENSG0000(	99.34309	205.6758	-1.0519	8.88E-08	3.48E-07	AP1G2	chr14	-	24028774	24037279	3298
ENSG0000(	1.286224	2.482932	-0.81817	0.51849	0.62119	AC078899.	chr19	+	20368529	20370227	1185
ENSG0000(	13.80853	594.482	-5.3904	7.15E-78	2.93E-76	ZNF90	chr19	+	20188803	20237885	2310
ENSG0000(	1.286224	1.698704	-0.3154	0.8069	0.86357	RP11-414H	chr10	-	6239575	6244656	438
ENSG0000(	541.885	417.4242	0.37614	0.004914	0.010953	CARKD	chr13	+	1.11E+08	1.11E+08	2659
ENSG0000(	0.342542	8.871503	-3.9341	0.001789	0.004266	TM6SF2	chr19	-	19375173	19384200	1829
ENSG0000(	1.265686	3.380424	-1.1847	0.34423	0.44817	PGAM1P7	chrX	-	46506029	46506765	737
ENSG0000(	0.632843	0.343138	0.49756	0.77728	NA	MEF2B	chr19	-	19256377	19281098	1683
ENSG0000(	8.809191	7.564476	0.19729	0.7797	0.84184	AL353671.	chr9	+	32556904	32557921	267
ENSG0000(	162.0246	171.4467	-0.08062	0.69691	0.77397	GANC	chr15	+	42565431	42645864	4512
ENSG0000(	0.36308	0.594029	-0.39069	0.82661	NA	RP6-105D1	chrX	+	44600333	44601210	878
ENSG0000(	2.468781	6.57877	-1.2795	0.25803	0.35569	RRM2P3	chrX	-	44168560	44169722	1163
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	RP6-218J1	chrX	+	43888578	43890167	1590
ENSG0000(	368.8418	111.5486	1.7069	4.97E-07	1.82E-06	TTLL3	chr3	+	9849770	9896822	5282
ENSG0000(	1685.687	2635.824	-0.6443	1.06E-08	4.50E-08	REPIN1	chr7	+	1.5E+08	1.5E+08	3292
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	ATP5F1P4	chr2	+	1.54E+08	1.54E+08	746
ENSG0000(	791.7782	977.2568	-0.30269	0.01357	0.027755	MRPL23	chr11	+	1968508	2005752	919
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	ARPC3P5	chr6	+	15935013	15935546	534
ENSG0000(	40.98876	53.2605	-0.37964	0.20298	0.29184	ZNF891	chr12	-	1.34E+08	1.34E+08	4118
ENSG0000(	1.597063	3.037286	-0.7491	0.58199	0.67831	PGAM1P4	chr3	+	9390071	9390952	882
ENSG0000(	2.520208	0	2.7948	0.078637	0.13159	RP5-944M2	chr12	+	1.27E+08	1.27E+08	2458
ENSG0000(	488.1555	435.0561	0.1658	0.3596	0.46376	SMIM7	chr19	-	16741562	16771253	2776
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RPS11P7	chrX	+	39724678	39725142	465
ENSG0000(	0	4.629174	-3.6706	0.012851	0.026418	UCA1	chr19	+	15939757	15947130	2313
ENSG0000(	36.48787	45.43788	-0.31738	0.37484	0.47909	FBXO16	chr8	-	28205804	28347835	2983
ENSG0000(	2.157942	0.937167	0.88506	0.55577	0.65486	RP11-1E1.1	chr4	-	78003556	78004279	724
ENSG0000(	573.3227	1050.747	-0.8732	2.02E-08	8.35E-08	TSPAN4	chr11	+	842808	867116	2777
ENSG0000(	0	1.073121	-1.1788	0.50551	NA	RP11-549L	chr10	+	1.12E+08	1.12E+08	468
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC011999.	chr2	-	1.37E+08	1.37E+08	1024
ENSG0000(	15.12467	111.1562	-2.8103	2.14E-07	8.13E-07	CPSF1P1	chr22	+	32665368	32669097	3730
ENSG0000(	0	23.78998	-6.186	9.14E-08	3.58E-07	GNAQP1	chr2	-	1.32E+08	1.32E+08	1067
ENSG0000(	1865.723	1628.542	0.19589	0.24864	0.34487	CPNE1	chr20	-	34213953	34252878	2204
ENSG0000(	498.9387	325.7447	0.61274	0.004793	0.010705	ARL16	chr17	-	79648204	79650954	2343
ENSG0000(	0.632843	1.309443	-0.75604	0.63051	0.71982	RP11-247I	chr22	+	31955469	31955925	457
ENSG0000(	1.306762	0	1.6479	0.35189	NA	SMCO1	chr3	-	1.96E+08	1.96E+08	1846
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC079776.	chr2	-	1.31E+08	1.31E+08	400
ENSG0000(	0.653381	0.997859	-0.4521	0.77012	NA	WEE2	chr7	+	1.41E+08	1.41E+08	3061
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CTD-2116F	chr17	+	77681075	77686081	4192
ENSG0000(	28.28242	18.03599	0.62335	0.19992	0.28852	AC093726.	chr7	+	1.55E+08	1.55E+08	2121
ENSG0000(	0	1.71569	-1.6656	0.35029	NA	MAGEB1	chrX	+	30261847	30270155	1866
ENSG0000(	1.306762	1.66715	-0.27299	0.85098	0.89521	CTD-2206G	chr5	+	31908467	31909292	521
ENSG0000(	0.943682	0.937167	0.002657	0.99865	NA	AC008686.	chr19	-	13890884	13900972	384
ENSG0000(	19.88595	40.89284	-1.0206	0.007568	0.016265	LDHAP4	chr9	-	14921335	14922332	998
ENSG0000(	428.8826	632.2649	-0.55804	4.66E-05	0.000138	LYRM4	chr6	-	5108653	5261172	1489
ENSG0000(	127.2139	211.4627	-0.72623	0.000639	0.001633	MYCBP	chr1	-	39328636	39347289	3231
ENSG0000(	2.229907	4.120944	-0.7994	0.4469	0.55243	PP12708	chr7	+	1.39E+08	1.39E+08	1921
ENSG0000(	1.576526	5.237772	-1.484	0.21908	0.31075	TDPX2	chr9	-	12972842	12973437	596
ENSG0000(	0.290301	0	0.4146	0.81455	NA	SNRPEP9	chrX	+	24531567	24531804	238
ENSG0000(	0	5.71928	-4.0796	0.003026	0.00697	TMEM213	chr7	+	1.38E+08	1.39E+08	4167
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	RP11-420C	chr5	-	20304154	20305557	1404
ENSG0000(	284.2659	224.997	0.33484	0.088854	0.14613	AC024560.	chr3	-	1.97E+08	1.97E+08	1552
ENSG0000(	46.93422	36.8368	0.3332	0.47951	0.58379	PRCD	chr17	+	74523668	74549660	3372
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AC073842.	chr7	-	99737252	99738305	735

ENSG0000(	7.955406	3.085825	1.3031	0.14493	0.22035	RP11-513C	chr3	-	1.94E+08	1.94E+08	2880
ENSG0000(	1.306762	0.937167	0.3445	0.82157	0.87444	RP11-699L	chr3	-	1.94E+08	1.94E+08	1615
ENSG0000(	542.7356	935.8988	-0.78369	2.03E-07	7.72E-07	ALG3	chr3	-	1.84E+08	1.84E+08	1697
ENSG0000(	138.7692	88.10004	0.64685	0.044559	0.080436	AMZ2P1	chr17	-	62962668	62971694	3425
ENSG0000(	213.5936	70.50085	1.5961	9.47E-16	6.48E-15	PLEKHM1P	chr17	-	62775377	62833272	5014
ENSG0000(	1.701545	0	2.2228	0.18134	NA	DDX6P2	chr13	+	86927755	86929524	1454
ENSG0000(	40.2608	118.2793	-1.5506	9.25E-10	4.28E-09	PTMAP5	chr13	+	82264203	82264535	333
ENSG0000(	32.9468	22.18681	0.5642	0.14223	0.21676	AC012487.	chr2	-	1.09E+08	1.09E+08	574
ENSG0000(	1.027626	0.937167	0.069563	0.96674	0.98099	XPOTP1	chr20	-	32801301	32803698	2398
ENSG0000(	3.786708	2.012704	0.78311	0.51858	0.62125	ST7-OT4	chr7	+	1.17E+08	1.17E+08	1576
ENSG0000(	1.233984	10.47467	-2.7665	0.004844	0.010809	ZNF788	chr19	+	12203078	12248050	3774
ENSG0000(	1.306762	0	1.6479	0.35189	NA	RP11-12D2	chr9	-	5418373	5418976	604
ENSG0000(	3.028845	2.65044	0.16444	0.87763	0.9148	UBE2V1P2	chr3	-	1.75E+08	1.75E+08	440
ENSG0000(	109.4052	199.1691	-0.86375	1.04E-05	3.34E-05	SH3D21	chr1	+	36771988	36790484	3179
ENSG0000(	487.6737	330.9595	0.55813	0.000184	0.000506	AC073346.	chr7	-	1.13E+08	1.13E+08	1070
ENSG0000(	6.950924	2.918317	1.1583	0.18273	0.26763	RP11-642P	chr12	-	1.04E+08	1.04E+08	3963
ENSG0000(	14.98074	28.61103	-0.93422	0.063412	0.10947	EEF1A1P12	chr2	-	1.07E+08	1.07E+08	1346
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-135F	chr12	-	1E+08	1E+08	787
ENSG0000(	1.08924	1.698704	-0.52127	0.72727	0.79827	CTAGE14P	chr2	-	1.69E+08	1.69E+08	2403
ENSG0000(	3.028845	2.872193	0.044737	0.96717	0.98131	C19orf38	chr19	+	10947251	10980466	1223
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	IQCJ	chr3	+	1.59E+08	1.59E+08	1460
ENSG0000(	0.632843	1.545765	-0.94986	0.54388	0.64427	TUBBP2	chr13	-	41958909	41959319	411
ENSG0000(	68.38569	139.574	-1.0231	8.90E-06	2.88E-05	HNRNPA1P	chr19	-	11776884	11777845	962
ENSG0000(	90.39625	73.63044	0.29309	0.28908	0.39061	C17orf67	chr17	-	54869274	54916134	2013
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	FAM188B2	chr3	-	1.51E+08	1.51E+08	1071
ENSG0000(	14.63575	12.16451	0.2708	0.63161	0.72083	AL591025.	chr6	+	1.59E+08	1.59E+08	66
ENSG0000(	3.330311	3.319731	0.001421	0.99887	0.99961	AC004980.	chr7	-	76279718	76280214	497
ENSG0000(	4.646446	10.12267	-1.0572	0.22934	0.32257	AC010336.	chr19	-	7963689	7968427	4739
ENSG0000(	0	2.932886	-3.0734	0.043938	0.079479	AZGP1P2	chr7	-	1.01E+08	1.01E+08	345
ENSG0000(	1036.933	954.1574	0.12068	0.27976	0.38051	FIS1	chr7	-	1.01E+08	1.01E+08	1005
ENSG0000(	161.1532	48.38527	1.7241	6.77E-11	3.40E-10	ANKRD36B	chr1	-	1.68E+08	1.68E+08	1779
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-356J	chr11	+	1.12E+08	1.12E+08	1166
ENSG0000(	76.62186	584.3127	-2.9258	1.87E-63	5.88E-62	SNURF	chr15	+	25200133	25245423	3210
ENSG0000(	0.36308	0	0.4146	0.81455	NA	LGMNP1	chr13	-	65532229	65533528	1300
ENSG0000(	0.975385	0	1.2767	0.47406	NA	AGGF1P1	chr4	+	1.91E+08	1.91E+08	2073
ENSG0000(	17.42817	9.122394	0.89217	0.16058	0.24045	ANG	chr14	+	21152336	21167130	1222
ENSG0000(	62.71822	14.65315	2.0432	8.28E-06	2.69E-05	RP11-108K	chr10	+	1.35E+08	1.35E+08	4904
ENSG0000(	1.742621	1.545765	0.10262	0.94483	0.96451	RP11-553K	chr3	-	1.39E+08	1.39E+08	666
ENSG0000(	3.547834	0	3.356	0.02365	0.045912	KRT8P14	chrX	-	45491537	45492978	1442
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	RP11-85F1	chr3	-	1.37E+08	1.37E+08	1001
ENSG0000(	0.632843	1.920457	-1.2102	0.42305	0.52846	PDCL3P3	chr3	-	17918947	17919661	715
ENSG0000(	0.290301	0.951736	-0.90191	0.60254	NA	RPL39P5	chr3	-	1.34E+08	1.34E+08	449
ENSG0000(	0	25.85297	-6.2466	1.41E-07	5.45E-07	C11orf93	chr11	+	1.11E+08	1.11E+08	1414
ENSG0000(	86.16756	111.4894	-0.37316	0.13428	0.20725	RSBN1L-AS	chr7	-	77286977	77325582	2029
ENSG0000(	0	2.468363	-2.5197	0.13799	0.21141	FOXO1B	chr5	-	1.81E+08	1.81E+08	1527
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	MRPS21P6	chr10	+	1.27E+08	1.27E+08	261
ENSG0000(	71.99253	56.66436	0.34703	0.17835	0.26219	SPDYE3	chr7	+	99905325	99919819	3185
ENSG0000(	0.580602	0	0.8036	0.6494	NA	AP001024.	chr11	+	1.08E+08	1.08E+08	297
ENSG0000(	35.02096	34.50507	0.024123	0.95024	0.96892	MBLAC1	chr7	+	99724317	99726118	1499
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	AZGP1P1	chr7	+	99578385	99585158	1181
ENSG0000(	2.697468	1.012429	1.1964	0.35403	0.45819	AC025287.	chr16	-	75728367	75734089	456
ENSG0000(	106.1486	95.27412	0.15639	0.47941	0.5837	RP11-252A	chr16	-	74366300	74402138	2355
ENSG0000(	0	184.2104	-8.9095	7.25E-16	4.98E-15	FOXI3	chr2	-	88747726	88752131	1340
ENSG0000(	6.701698	1.638012	1.8569	0.053392	0.094161	SOGA3	chr6	-	1.28E+08	1.28E+08	11818
ENSG0000(	0.290301	0	0.4146	0.81455	NA	ATP5F1P2	chr7	+	94367964	94368723	760
ENSG0000(	3.278071	1.964165	0.6504	0.56887	0.66619	CTB-180A7	chr19	+	6393820	6412415	644
ENSG0000(	12.54105	15.50123	-0.30156	0.57073	0.66795	RP11-394B	chr16	+	70789001	70807154	4853
ENSG0000(	1.431782	0	1.7261	0.329	NA	AC133644.	chr2	-	87865347	87866283	937
ENSG0000(	239.3165	281.3639	-0.23277	0.37937	0.48346	NEURL1B	chr5	+	1.72E+08	1.72E+08	6424
ENSG0000(	1.939605	1.759397	0.14827	0.90921	0.93757	RPL18P10	chr13	+	50673467	50674004	538
ENSG0000(	1.628766	0.357707	1.626	0.30064	0.40208	EFCAB9	chr5	+	1.72E+08	1.72E+08	702
ENSG0000(	135.7623	139.8078	-0.04049	0.86732	0.90758	HAUS3	chr4	-	2229191	2243891	5620
ENSG0000(	2.023549	0.937167	0.86489	0.53625	0.63727	AC009967.	chr2	+	1.71E+08	1.71E+08	793
ENSG0000(	3.289235	6.235632	-0.84103	0.40773	0.51246	VSTM5	chr11	-	93551398	93583697	2969
ENSG0000(	39.86521	74.50519	-0.8892	0.002503	0.005835	RPS3AP26	chr7	-	98015113	98015896	784

ENSG0000(	2.334388	4.006007	-0.7157	0.47224	0.57686	RP11-121L	chr11	+	90015728	90017340	1613
ENSG0000(	6.576679	9.014706	-0.43131	0.55774	0.65665	KANSL1-AS	chr17	+	44270942	44274089	666
ENSG0000(	1.068702	1.248751	-0.20946	0.89196	0.92501	LCNL1	chr9	+	1.4E+08	1.4E+08	3706
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-221J	chr3	+	1.02E+08	1.02E+08	2051
ENSG0000(	224.2756	119.5854	0.90318	2.24E-07	8.50E-07	BBIP1	chr10	-	1.13E+08	1.13E+08	4712
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	TRIM77	chr11	+	89443467	89451040	1353
ENSG0000(	0.342542	0	0.4146	0.81455	NA	FAM149B1	chr15	+	97300217	97301826	1610
ENSG0000(	202.6915	210.4485	-0.05325	0.84063	0.88814	LRRC37A4F	chr17	-	43578685	43627701	4939
ENSG0000(	0	3.261455	-3.1777	0.038177	0.070435	AC064872.	chr2	-	78639919	78640220	302
ENSG0000(	1.597063	4.972312	-1.4395	0.19783	0.28597	AC068831.	chr15	+	91565849	91579841	2159
ENSG0000(	10.08344	13.06771	-0.36109	0.56272	0.66096	AC091167.	chr15	+	90835194	90838915	779
ENSG0000(	1.286224	0.700845	0.71072	0.63507	0.72353	AS3MT	chr10	+	1.05E+08	1.05E+08	2404
ENSG0000(	5.124359	5.943449	-0.19024	0.81759	0.87195	FAM185BP	chr7	-	76713203	76751433	716
ENSG0000(	180.1493	66.29504	1.4318	3.01E-10	1.44E-09	RCN1P2	chr13	-	45964486	45965402	915
ENSG0000(	0	13.31531	-5.3699	9.30E-06	2.99E-05	PLIN5	chr19	-	4522543	4535236	2470
ENSG0000(	1.265686	0.357707	1.2256	0.46821	NA	SMARCE1P	chr2	+	26372073	26373600	1216
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	AL139333.	chr6	+	83782692	83782854	54
ENSG0000(	60.75229	125.6429	-1.0436	1.14E-05	3.62E-05	CTB-13H5.2	chr5	+	1.49E+08	1.49E+08	760
ENSG0000(	0	25.35602	-6.2877	4.24E-08	1.71E-07	SEC14L6	chr22	-	30920465	30942669	1713
ENSG0000(	0	1.188058	-1.268	0.47398	NA	SPINK13	chr5	+	1.48E+08	1.48E+08	1022
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	HIGD1C	chr12	+	51347705	51364289	371
ENSG0000(	0.72616	2.38498	-1.3769	0.34774	0.45194	NOTO	chr2	+	73429386	73439641	2749
ENSG0000(	0.653381	0.357707	0.52032	0.76705	NA	KRT42P	chr17	-	39782579	39796451	2895
ENSG0000(	1691.433	513.7587	1.7179	5.43E-40	9.53E-39	PPME1	chr11	+	73882144	73965748	4055
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	AC130709.	chr2	-	68755373	68756584	1212
ENSG0000(	168.1175	400.5877	-1.2467	1.52E-06	5.34E-06	STARD10	chr11	-	72465774	72505213	1963
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC007389.	chr2	+	65893829	65894871	1043
ENSG0000(	1.286224	2.915901	-0.99103	0.44311	0.54874	ZNF705E	chr11	-	71518637	71532594	3442
ENSG0000(	2.302685	3.636147	-0.57251	0.63592	0.72423	RPS15AP1	chr20	-	21146846	21147236	391
ENSG0000(	1.317927	0	1.6383	0.35541	NA	GTF2IRD2P	chr7	-	72656902	72694143	3010
ENSG0000(	1.390706	1.531196	-0.14169	0.92471	0.94942	AC087491.	chr17	+	37775866	37778766	616
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	MEG3	chr14	+	1.01E+08	1.01E+08	4867
ENSG0000(	0.290301	0.715414	-0.50514	0.77701	NA	COPS8P2	chr3	+	68194154	68194780	627
ENSG0000(	0	6.907338	-4.3743	0.001049	0.002592	LRRC37A11	chr17	+	37183530	37209458	3717
ENSG0000(	0.995923	0.297015	1.0163	0.54122	NA	RP11-74E2	chr6	+	66011354	66014960	3237
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	RP11-323J4	chr4	-	99172839	99182781	397
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RBBP4P4	chr6	-	58446019	58447307	1289
ENSG0000(	24.65741	16.22476	0.58448	0.20515	0.29441	NUTM2D	chr10	+	89117425	89130452	5543
ENSG0000(	4.781817	4.334576	0.15176	0.8596	0.90163	CPEB1	chr15	-	83211951	83317612	4882
ENSG0000(	2.116866	2.872193	-0.41735	0.73224	0.80216	HMGN2P15	chr17	-	40904898	40905817	270
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-65N1	chr9	-	1.28E+08	1.28E+08	246
ENSG0000(	90.95084	20.8822	2.1007	1.22E-09	5.58E-09	EML6	chr2	+	54950636	55199157	8320
ENSG0000(	3.205292	7.294184	-1.088	0.23307	0.32667	TMEM249	chr8	-	1.46E+08	1.46E+08	1763
ENSG0000(	0.685084	1.248751	-0.60628	0.71608	0.78964	POLR3DP1	chr10	+	76414714	76415889	1176
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-392M	chrX	-	96208629	96209194	566
ENSG0000(	0.36308	1.248751	-1.1986	0.48045	NA	RP11-506B	chr10	+	76131293	76132174	882
ENSG0000(	0	1.416259	-1.7181	0.33141	NA	DEFB133	chr6	-	49913814	49917157	186
ENSG0000(	0.705622	0.715414	-0.00991	0.99541	NA	RP11-114H	chr15	-	78232253	78236924	602
ENSG0000(	3.890376	3.9623	-0.01827	0.98441	0.99109	RP11-83B2	chr12	+	1.25E+08	1.25E+08	1282
ENSG0000(	5.872849	8.510507	-0.48946	0.57946	0.67587	HNRNPA3P	chrX	+	1.39E+08	1.39E+08	1137
ENSG0000(	20.65399	45.14725	-1.1189	0.005507	0.012162	RP11-27I1.	chr9	+	1.24E+08	1.24E+08	1017
ENSG0000(	1211.211	397.2805	1.6047	1.60E-34	2.39E-33	ZSWIM8	chr10	+	75545340	75561551	6075
ENSG0000(	8.154018	0.357707	3.8049	0.002764	0.006409	KRT8P26	chr11	+	65494410	65495685	1276
ENSG0000(	12.52231	0	5.2653	1.80E-05	5.60E-05	RPL9P16	chr4	+	1.7E+08	1.7E+08	567
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	C10orf105	chr10	-	73471458	73497581	4837
ENSG0000(	6.079207	8.579321	-0.46082	0.54966	0.64947	ARHGEF33	chr2	+	39117021	39202590	4484
ENSG0000(	1.503747	1.234181	0.22285	0.88203	0.91786	C12orf71	chr12	-	27233991	27235447	957
ENSG0000(	0	5.398833	-3.8832	0.007759	0.016637	RP11-247C	chr15	-	74387926	74390758	459
ENSG0000(	799.5732	969.1201	-0.27612	0.15468	0.23301	IFRD2	chr3	-	50325163	50330349	2275
ENSG0000(	0.632843	5.330019	-2.5925	0.03563	0.066217	AC090616.	chr17	-	30468245	30470154	1599
ENSG0000(	5.403496	4.08939	0.36117	0.7121	0.78631	CAPN14	chr2	-	31395924	31456724	3820
ENSG0000(	820.7718	1320.712	-0.68551	4.39E-09	1.92E-08	ZBED1	chrX	-	2404455	2419008	4510
ENSG0000(	235.5951	217.57	0.11306	0.53314	0.63419	AC005562.	chr17	+	28903482	28999807	4740
ENSG0000(	0.290301	5.424682	-3.2643	0.015326	0.030999	CTD-2574D	chr16	+	29874914	29879371	756
ENSG0000(	0.342542	14.16352	-4.543	0.000216	0.000589	RP11-429J	chr8	+	1.45E+08	1.45E+08	699

ENSG0000(	0.342542	2.399549	-2.0947	0.16547	0.24648	RP11-54I5.	chrX	+	55987641	55988915	1275
ENSG0000(	1076.116	864.4536	0.31511	0.004476	0.010043	HNRNPUL2	chr11	-	62480102	62494821	5106
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	AC004870.	chr7	+	47092391	47093272	882
ENSG0000(	58.31065	119.3271	-1.0282	0.000272	0.000732	METTL12	chr11	+	62432781	62435968	2870
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	RPL21P1	chr12	+	1.23E+08	1.23E+08	507
ENSG0000(	169.8346	168.9514	0.009268	0.96189	0.97743	SEPT7P2	chr7	-	45763379	45808617	3006
ENSG0000(	4.773258	16.61973	-1.7433	0.019057	0.037793	RP11-544I2	chr14	-	64796149	64805317	1751
ENSG0000(	1.390706	8.737965	-2.4501	0.016344	0.032859	RP11-174G	chr12	+	14818589	14910897	657
ENSG0000(	2.386629	3.777806	-0.62566	0.56529	0.66321	RP11-717D	chr3	-	47643205	47646167	1428
ENSG0000(	15.46721	22.80353	-0.55587	0.23683	0.33097	RP11-726G	chr12	+	9620148	9728864	7863
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	MS4A18	chr11	+	60496789	60511685	969
ENSG0000(	126.6492	82.92014	0.60564	0.094988	0.15471	POLR2J4	chr7	-	43980494	44058774	6466
ENSG0000(	0.923144	2.38498	-1.0855	0.42156	0.52708	AC010468.	chr5	-	1.11E+08	1.11E+08	817
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	MS4A4E	chr11	-	59968726	60010561	1125
ENSG0000(	35.05169	293.6501	-3.0507	1.91E-37	3.13E-36	RP11-480I1	chr1	-	2.03E+08	2.03E+08	1835
ENSG0000(	2.894453	0.343138	2.3612	0.109	0.17366	RP11-37N2	chr8	-	1.25E+08	1.25E+08	1195
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	CYCSP55	chr6	+	34187216	34187843	311
ENSG0000(	6.607568	0	4.2473	0.002131	0.005021	FER1L6	chr8	+	1.25E+08	1.25E+08	6051
ENSG0000(	1.068702	0	1.3672	0.44297	NA	AC008265.	chr7	+	1.38E+08	1.38E+08	1549
ENSG0000(	14.57577	31.3327	-1.0945	0.020842	0.040949	MPRIPP1	chr3	-	44621430	44622518	1089
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	KRT16P3	chr17	-	20404826	20415670	1939
ENSG0000(	269.1625	378.171	-0.48892	0.00091	0.002272	DDX12P	chr12	-	9570309	9600825	3929
ENSG0000(	8.673007	5.836634	0.5305	0.47731	0.58181	MTCP1	chrX	-	1.54E+08	1.54E+08	2274
ENSG0000(	5.923298	12.89691	-1.0865	0.084405	0.13995	UPF3AP2	chr17	-	20278682	20280153	1132
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RPL23AP6	chr20	-	10329805	10330276	472
ENSG0000(	2.540746	8.121246	-1.52	0.1137	0.18026	RP11-261C	chr1	-	2.43E+08	2.43E+08	774
ENSG0000(	1.753786	2.543625	-0.49252	0.69835	0.7753	RAD51AP2	chr2	-	17691851	17699706	3724
ENSG0000(	0.342542	0	0.4146	0.81455	NA	ZFYVE9P2	chr2	+	17465559	17466162	604
ENSG0000(	0.290301	1.012429	-0.95336	0.58114	NA	RP11-115L	chr4	-	15732585	15733250	666
ENSG0000(	0.943682	4.63159	-1.9809	0.087649	0.14449	LINC00612	chr12	-	9208182	9217666	2213
ENSG0000(	0	3.801239	-3.3733	0.025784	0.049623	APOC1P1	chr19	+	45430061	45434643	731
ENSG0000(	0	1.340997	-1.8899	0.26871	NA	KRT16P1	chr17	+	18335365	18346209	1958
ENSG0000(	3.475055	0.700845	1.9656	0.13675	0.21002	SRSF9P1	chr21	-	37667471	37668000	530
ENSG0000(	2.032922	18.57007	-3.0458	0.000127	0.000358	AC004540.	chr7	+	26438213	26538594	3202
ENSG0000(	0.995923	4.570898	-1.9558	0.082786	0.13758	AC005082.	chr7	+	23210760	23234503	258
ENSG0000(	1.379541	13.48369	-2.9774	0.005514	0.012175	SMTNL1	chr11	+	57308979	57318108	2062
ENSG0000(	1.286224	3.480792	-1.2611	0.27968	0.38046	MED28P1	chr10	+	70750893	70751463	571
ENSG0000(	0	4.196206	-3.5967	0.013501	0.027629	RPL5P31	chr13	-	51735859	51736493	635
ENSG0000(	0	2.979009	-3.0888	0.042781	0.077703	OR7E5P	chr11	-	55746179	55753881	1833
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	TMEM14D	chr10	-	70304246	70304590	345
ENSG0000(	0.36308	0	0.4146	0.81455	NA	FAM177A1	chr4	+	99877133	99877918	473
ENSG0000(	0.685084	0	0.85004	0.63064	NA	USP8P1	chr6	+	31243349	31246531	3183
ENSG0000(	0.943682	0.715414	0.29201	0.863	NA	LINC00243	chr6	-	30766431	30798436	2052
ENSG0000(	6.202434	0.686276	2.7162	0.030576	0.057679	C14orf182	chr14	-	50448430	50474238	4279
ENSG0000(	0	2.24661	-2.6365	0.10117	0.16301	AC104472.	chr3	-	1.55E+08	1.55E+08	1583
ENSG0000(	7.023703	11.94846	-0.75074	0.28141	0.38241	HLA-F-AS1	chr6	-	29694378	29716826	2835
ENSG0000(	161.9795	170.736	-0.07479	0.66665	0.74943	ZSWIM7	chr17	-	15879874	15903031	2008
ENSG0000(	300.5301	50.26941	2.561	4.57E-20	3.86E-19	ARHGEF28	chr5	+	72921983	73237818	8285
ENSG0000(	0.36308	5.480542	-2.976	0.046985	0.084287	TBC1D26	chr17	+	15635561	15649476	3772
ENSG0000(	8.495746	10.61875	-0.30676	0.61383	0.70589	LRRC69	chr8	+	92114060	92231464	1861
ENSG0000(	2.770247	1.326428	0.88052	0.49789	0.60167	AP000318.	chr21	+	35445892	35732332	805
ENSG0000(	67.59531	7.33057	3.1598	3.72E-12	2.03E-11	ISPD	chr7	-	16130817	16460947	1859
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-467N	chr16	+	16472912	16487811	1331
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTC-297N7	chr17	+	10286449	10527201	2272
ENSG0000(	0.685084	0.357707	0.4822	0.78686	NA	CHCHD3P3	chr1	-	27527325	27527964	640
ENSG0000(	15.17789	16.42141	-0.10558	0.85191	0.89588	PPIAP29	chr6	+	24976647	24977210	499
ENSG0000(	1.866827	0	2.3484	0.15622	NA	RP11-477N	chr17	-	9705703	9725388	882
ENSG0000(	144.7748	156.9652	-0.11459	0.5586	0.65756	PARGP1	chr10	+	51623417	51732824	2455
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	AL591516.	chr6	-	1.08E+08	1.08E+08	201
ENSG0000(	1.701545	1.188058	0.35971	0.80814	0.86459	RPL7AP26	chr4	-	83411976	83412788	813
ENSG0000(	0.290301	2.07098	-1.8977	0.2248	0.3174	AKAP16BP	chrX	-	1.18E+08	1.18E+08	2719
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC006465.	chr7	-	7948931	7950080	1150
ENSG0000(	0	6.783537	-3.9932	0.00908	0.019227	AC129492.	chr17	+	7982800	7984883	1804
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	HSPD1P7	chr21	-	30259602	30261594	1686
ENSG0000(	0	2.979009	-3.0888	0.042781	0.077703	DNAJA1P3	chrX	-	1.07E+08	1.07E+08	1194

ENSG0000(	1.608228	0	1.9264	0.27132	NA	ACSM4	chr12	+	7456880	7481320	2142
ENSG0000(	827.8343	521.8736	0.66446	3.90E-09	1.71E-08	C22orf29	chr22	-	19833661	19842419	6785
ENSG0000(	4.055658	8.608459	-0.9967	0.22184	0.31401	AL645728.	chr1	+	1510355	1511373	1019
ENSG0000(	0.943682	20.59493	-4.0801	5.07E-06	1.68E-05	COL28A1	chr7	-	7395834	7575484	4277
ENSG0000(	3165.652	5725.108	-0.85359	1.92E-12	1.07E-11	PHB2	chr12	-	7074490	7079988	1518
ENSG0000(	0.36308	1.188058	-0.99796	0.5724	NA	AC114730.	chr2	-	2.43E+08	2.43E+08	739
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	DUSP8P2	chr10	-	48173347	48175106	1760
ENSG0000(	64.63989	107.6563	-0.73325	0.003052	0.007027	RPL13P12	chr17	-	17286691	17287326	636
ENSG0000(	1.939605	1.370136	0.43622	0.74566	0.81341	GNL3LP1	chr5	-	60187762	60189404	1643
ENSG0000(	37.80156	20.10126	0.9038	0.026044	0.050058	CD27-AS1	chr12	-	6548167	6560733	2364
ENSG0000(	202.5037	245.8582	-0.28151	0.13406	0.20697	NEURL4	chr17	-	7218947	7232712	5200
ENSG0000(	3.620613	103.2235	-4.6522	4.83E-12	2.61E-11	GRID2IP	chr7	-	6537093	6591067	3636
ENSG0000(	2.354926	0.594029	1.5036	0.29727	0.3992	PRDX2P1	chr13	+	30870284	30870872	589
ENSG0000(	0.580602	1.545765	-0.94378	0.56695	0.6646	PKMP5	chr6	+	5972645	5974245	1601
ENSG0000(	2.293312	1.888903	0.22085	0.86548	0.9064	DUSP8P4	chr10	+	47254247	47256007	1761
ENSG0000(	6.193061	3.587607	0.73891	0.37125	0.47565	C9orf38	chr9	-	6467618	6470375	2758
ENSG0000(	15.64447	18.77967	-0.26558	0.58502	0.6808	AC027763.	chr17	-	6779954	6915668	1730
ENSG0000(	69.43108	6.272018	3.3997	2.78E-12	1.53E-11	AC025171.	chr5	+	43041677	43045492	2423
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-471G	chrX	+	94839302	94839941	640
ENSG0000(	0.995923	1.591889	-0.578	0.66992	0.75247	NPM1P24	chr10	-	74677399	74678292	894
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	RPS5P3	chr21	-	34853887	34854502	616
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP13-138P	chrX	+	91714669	91715951	1283
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	EEF1A1P29	chrX	-	85415268	85416363	1096
ENSG0000(	0	5.003866	-3.8948	0.005204	0.011559	TERF1P4	chrX	-	83003833	83004947	1115
ENSG0000(	5.258752	6.771384	-0.35406	0.66379	0.74709	RP11-217H	chrX	-	79528830	79565669	500
ENSG0000(	16.27731	34.82148	-1.0816	0.027537	0.05263	TTC3P1	chrX	-	74960541	74966749	6081
ENSG0000(	304.7493	506.6616	-0.73077	3.26E-05	9.84E-05	UBXN2B	chr8	+	59323823	59364060	5068
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AL590763.	chrX	-	70747664	70750075	1545
ENSG0000(	3.444166	3.991438	-0.21434	0.82471	0.87634	CBWD7	chr9	+	42668608	42714962	3326
ENSG0000(	0.653381	3.777806	-2.1198	0.10503	0.16822	C16orf90	chr16	-	3543484	3545480	929
ENSG0000(	2.044087	8.311444	-1.9079	0.033355	0.062382	RP11-292B	chr9	-	40491622	40633282	1477
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	KRT18P32	chr1	+	2.39E+08	2.39E+08	1287
ENSG0000(	135.6076	103.3954	0.38882	0.091544	0.14993	AC141586.	chr16	+	2653351	2680495	2748
ENSG0000(	99.71228	316.3319	-1.6559	1.07E-09	4.90E-09	RP11-1023	chr5	+	34190161	34193758	3598
ENSG0000(	94.951	185.5924	-0.96446	1.24E-06	4.39E-06	RP11-1023	chr5	-	34164803	34244901	5001
ENSG0000(	2.73773	1.638012	0.66331	0.58622	0.68187	RP11-629N	chr12	+	65153301	65173098	589
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	OR7E122P	chr3	+	8729829	8730845	1017
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	LINC00269	chrX	+	68399400	68429767	2173
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	MAPK6PS4	chr8	-	47884099	47886240	2142
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	MUC5AC	chr11	+	1151580	1222364	4012
ENSG0000(	1.068702	1.280305	-0.23359	0.87825	0.91515	RP11-8L18	chr10	-	34964563	34964969	407
ENSG0000(	0	16.50479	-5.6579	2.56E-06	8.79E-06	GOLGA6B	chr15	+	72947079	72958735	2134
ENSG0000(	3.40309	4.210775	-0.30225	0.76155	0.82702	FAM166B	chr9	-	35561828	35563896	971
ENSG0000(	68.64168	36.42539	0.90414	0.047551	0.085183	LINC00680	chr6	-	58272352	58287779	2622
ENSG0000(	1042.509	1349.835	-0.37182	0.022685	0.044224	PEX26	chr22	+	18560689	18613905	4519
ENSG0000(	6.007242	6.330295	-0.07496	0.92056	0.94672	AC091878.	chr5	-	17130137	17217156	2941
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-182N	chr9	-	35147407	35149181	1775
ENSG0000(	0.342542	0	0.4146	0.81455	NA	YWHAZP6	chr9	-	34922181	34922918	738
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP11-316C	chr12	-	65812511	65813807	1297
ENSG0000(	1.628766	0.357707	1.626	0.30064	0.40208	RBMXP2	chr9	+	30689103	30690270	1168
ENSG0000(	24.37828	2.543625	3.0962	6.53E-06	2.14E-05	C5orf49	chr5	-	7830491	7851603	2385
ENSG0000(	15.39443	32.86713	-1.0723	0.029279	0.055558	UBE2QL1	chr5	+	6448736	6495022	4317
ENSG0000(	1.814586	0	2.063	0.23747	NA	UBA52P6	chr9	+	22012154	22012535	382
ENSG0000(	7.032262	1.888903	1.7177	0.077906	0.13053	CYP51P3	chr6	+	1.49E+08	1.49E+08	1428
ENSG0000(	1.233984	0	1.5686	0.37707	NA	RP11-308K	chr10	+	13912797	13913175	379
ENSG0000(	0.290301	5.727402	-3.3467	0.012745	0.026224	RP11-54D1	chr9	+	14993310	15019727	1188
ENSG0000(	9.887266	9.886348	-0.0161	0.98011	0.98907	RP11-266K	chr12	+	8388011	8395160	795
ENSG0000(	3.64115	14.43214	-1.9036	0.007375	0.015883	AL137145.	chr10	+	6319650	6377938	3080
ENSG0000(	1.306762	3.025133	-1.0314	0.40601	0.51082	RP11-43F1	chr5	-	987295	997423	3482
ENSG0000(	172.8814	380.0801	-1.1342	1.59E-11	8.32E-11	FASTKD5	chr20	-	3127165	3140543	2874
ENSG0000(	159.2833	129.3893	0.29457	0.15836	0.23769	GOLGA8B	chr15	-	34817408	34880704	6488
ENSG0000(	76.48568	44.86084	0.76331	0.006532	0.014221	DHRS4-AS1	chr14	-	24407940	24458048	2852
ENSG0000(	0.632843	0	0.81931	0.64303	NA	KCNU1	chr8	+	36641842	36793646	3745
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	AC025750.	chr2	-	42759906	42760582	379
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	AKR1C7P	chr10	-	5317136	5330433	895

ENSG0000(	1.306762	1.40169	-0.05987	0.96773	0.98179	LA16c-60H	chr22	+	16122720	16123768	1049
ENSG0000(	31.42252	46.80889	-0.56847	0.21503	0.30599	HOMEZ	chr14	-	23743250	23755326	3352
ENSG0000(	4.668776	9.564227	-0.97606	0.22096	0.313	C14orf164	chr14	+	23654525	23742686	1670
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RPS7P6	chr4	-	17429319	17429897	579
ENSG0000(	4.294532	3.276024	0.35549	0.69969	0.77633	HMGB3P24	chr9	-	36303496	36304921	622
ENSG0000(	0.580602	0.357707	0.37639	0.83285	NA	RP11-198M	chrX	-	46584599	46585253	655
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP5-1158E	chrX	+	45772553	45773306	754
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-62E1	chr9	-	3364329	3364792	464
ENSG0000(	4890.197	5449.977	-0.15587	0.40167	0.50644	DDX3X	chrX	+	41192651	41223725	5334
ENSG0000(	36.4877	2.024857	3.9969	5.09E-08	2.03E-07	CTD-3092A	chr15	+	30762982	30799826	1502
ENSG0000(	1.451506	2.728118	-0.68739	0.62668	0.71662	RP13-395E	chr15	-	32691157	32727434	1097
ENSG0000(	553.6981	314.1875	0.81671	1.74E-10	8.47E-10	VPS16	chr20	+	2821349	2847378	2750
ENSG0000(	1.742621	2.872193	-0.64531	0.61237	0.7047	AL135998.	chr14	-	23286463	23291750	66
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	NPM1P12	chr7	+	1.49E+08	1.49E+08	834
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RPL6P30	chrX	-	16216551	16217412	862
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-98L4	chrX	-	9786279	9787509	1231
ENSG0000(	2.209369	0.640152	1.433	0.30634	0.40788	ASS1P10	chr5	+	1.45E+08	1.45E+08	1244
ENSG0000(	7.540899	13.60588	-0.82803	0.20031	0.289	AF131215.	chr8	-	10983980	10987745	2179
ENSG0000(	0.705622	0	0.8807	0.6196	NA	MRPL3P1	chr13	-	19878733	19879765	1033
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	FAM90A24	chr8	-	7876951	7888168	2369
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	HSPD1P8	chr13	+	79423366	79425343	1658
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	TMED11P	chr4	-	1108985	1147514	690
ENSG0000(	0.72616	5.468389	-2.5217	0.046137	0.082961	FAM66B	chr8	-	7159133	7212876	1432
ENSG0000(	45.21825	71.61129	-0.6573	0.04851	0.086678	MYL5	chr4	+	667369	675822	2956
ENSG0000(	15.25825	0.357707	4.7183	5.25E-05	0.000155	LINC00478	chr21	+	17442842	17999716	3475
ENSG0000(	9.224512	6.543926	0.47096	0.57146	0.66861	ACTG1P3	chr20	+	1141228	1142341	1114
ENSG0000(	2.427705	0.357707	2.0959	0.16719	0.24853	LINC00516	chr14	+	19889386	19904890	783
ENSG0000(	0.342542	18.64217	-4.948	2.77E-05	8.45E-05	SCRT2	chr20	-	642240	656823	3577
ENSG0000(	3.008307	0	3.0928	0.042511	0.077288	HMGB3P7	chr13	+	1.02E+08	1.02E+08	611
ENSG0000(	2.479946	1.652581	0.47332	0.71256	0.78662	PSMA6P1	chrY	+	15398518	15399258	741
ENSG0000(	27.23165	233.9851	-3.0642	3.25E-15	2.16E-14	MIR17HG	chr13	+	92000074	92006833	2845
ENSG0000(	349.8288	162.2594	1.106	3.82E-09	1.68E-08	ZNF407	chr18	+	72265106	72777627	7948
ENSG0000(	65.61544	64.58734	0.022518	0.93532	0.95756	MCM3AP-A	chr21	+	47649131	47679304	2539
ENSG0000(	90.8158	171.0364	-0.91332	1.78E-05	5.55E-05	NPEPL1	chr20	+	57264187	57294294	4684
ENSG0000(	0	1.638012	-2.1885	0.18912	NA	CTAGE12P	chr9	-	27608380	27610743	2364
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP5-827A1	chr20	+	50351072	50351606	459
ENSG0000(	154.4059	88.55631	0.79729	0.000288	0.000774	BX322557.	chr21	+	46707967	46711653	1460
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP5-890O1	chr20	-	45789477	45790339	863
ENSG0000(	0	34.74858	-6.678	6.67E-09	2.87E-08	RP5-981L2	chr20	-	45042867	45087915	2722
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	KRTAP10-4	chr21	+	45993606	45994987	1382
ENSG0000(	17.66802	55.30247	-1.6334	0.000128	0.000359	AP001053.	chr21	-	45225639	45232448	4598
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	AP000354.	chr22	-	24665314	24666102	456
ENSG0000(	0.580602	43.59987	-5.5479	5.67E-09	2.46E-08	SKOR2	chr18	-	44746293	44775554	3006
ENSG0000(	0	10.32985	-4.9764	8.44E-05	0.000243	SIAH3	chr13	-	46354405	46425871	4030
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	CES5AP1	chr22	-	23701790	23729918	1016
ENSG0000(	0.36308	8.371394	-3.752	0.004832	0.010784	BCRP3	chr22	+	25028882	25046799	1457
ENSG0000(	0.36308	1.652581	-1.6393	0.29595	0.39799	CALM2P3	chr13	-	41744836	41745284	449
ENSG0000(	0.975385	1.372552	-0.33146	0.84042	0.88801	LINC00598	chr13	-	41025131	41055143	702
ENSG0000(	0.975385	1.294874	-0.32515	0.82243	0.87489	HNRNPA1P	chr18	-	29991471	29993167	1538
ENSG0000(	29.83401	3.616746	2.9452	1.91E-06	6.65E-06	XXbac-B56	chr22	+	20804409	20806111	1703
ENSG0000(	6.630712	1.773966	1.7045	0.13977	0.21349	AP000974.	chr11	-	85563600	85565986	2387
ENSG0000(	0	1.949596	-2.4359	0.13595	0.20899	TPTE2P4	chrY	+	28654360	28725837	1605
ENSG0000(	107.1007	153.584	-0.51908	0.042381	0.077108	PI4KAP1	chr22	-	20383524	20427835	2637
ENSG0000(	1.794048	0.997859	0.70727	0.62096	0.71163	IFIT1P1	chr13	+	32958797	32960245	1449
ENSG0000(	1.524285	3.501809	-0.96072	0.46901	0.5737	AP005482.	chr18	+	12658042	12658892	471
ENSG0000(	1.08924	3.974453	-1.5785	0.24305	0.33844	EFCAB8	chr20	+	31446729	31549006	1281
ENSG0000(	0.975385	0	1.2767	0.47406	NA	LINC00189	chr21	+	30565801	30660526	989
ENSG0000(	84.04711	64.69181	0.37431	0.1772	0.26081	RP11-764K	chr9	-	68427861	68455375	931
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AL138815.	chr13	+	26442061	26455095	105
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	ANKRD20A	chr21	-	15281895	15352758	3717
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AP003041.	chr11	+	1.3E+08	1.3E+08	261
ENSG0000(	0	4.008423	-3.5002	0.017901	0.035702	GAB4	chr22	-	17442826	17489112	2698
ENSG0000(	0.943682	0	1.2438	0.48556	NA	GRK6P1	chr13	+	21893231	21895005	1711
ENSG0000(	0.580602	1.372552	-0.71233	0.68356	0.76375	ESRRAP1	chr13	-	20134153	20135409	1257
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	BCORP1	chrY	-	21617317	21665039	5093

ENSG0000(	0.36308	2.711133	-2.277	0.12211	0.19166	C20orf202	chr20	+	1184098	1188918	1604
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-438D	chr3	-	1.41E+08	1.41E+08	1269
ENSG0000(	5.871057	8.968582	-0.57811	0.43575	0.54122	HMX1	chr4	-	8847802	8873543	1893
ENSG0000(	16.08986	7.905198	0.99867	0.10877	0.17337	GUSBP9	chr5	-	70435716	70585611	1211
ENSG0000(	0	16.64645	-5.5775	9.26E-06	2.98E-05	GCGR	chr17	+	79762008	79771889	2051
ENSG0000(	0	2.915901	-2.7723	0.095997	0.15615	AC114730.	chr2	-	2.43E+08	2.43E+08	472
ENSG0000(	0.995923	2.321872	-1.0027	0.46392	0.56892	CELA2B	chr1	+	15792404	15817895	923
ENSG0000(	202.4791	151.8778	0.4143	0.035785	0.066488	TMEM242	chr6	-	1.58E+08	1.58E+08	1799
ENSG0000(	634.0621	304.9318	1.0545	1.64E-12	9.20E-12	TMEM167E	chr1	+	1.1E+08	1.1E+08	2798
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	MRPL20P1	chr21	+	38366943	38367375	433
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	RP13-996F	chr15	-	82930438	82939159	4353
ENSG0000(	10.04138	1.84278	2.1915	0.025721	0.049518	hsa-mir-60	chr17	-	62745781	62778117	2861
ENSG0000(	0.290301	0	0.4146	0.81455	NA	LRRC37A14	chr22	-	41585731	41586192	462
ENSG0000(	21.99083	106.2832	-2.2384	8.34E-09	3.56E-08	FAM72D	chr1	-	1.44E+08	1.44E+08	2393
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	CFL1P6	chr1	-	11051035	11051854	494
ENSG0000(	261.6275	118.2283	1.139	2.14E-09	9.61E-09	TNFRSF25	chr1	-	6521211	6526255	3483
ENSG0000(	146.1217	111.4683	0.38718	0.12053	0.18949	SLC35E2	chr1	-	1656277	1677431	2078
ENSG0000(	7.749049	2.24661	1.6508	0.065491	0.11257	RP11-488L	chr1	-	2.47E+08	2.47E+08	1670
ENSG0000(	2.479946	2.497501	-0.03884	0.97716	0.98702	RP11-551G	chr1	+	2.47E+08	2.47E+08	1231
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RFKP1	chr1	-	2.41E+08	2.41E+08	428
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-506B	chr6	-	1.13E+08	1.13E+08	1286
ENSG0000(	214.5915	169.3637	0.34051	0.11856	0.18705	RP11-371I	chr1	-	2.39E+08	2.39E+08	1537
ENSG0000(	0.995923	0.343138	1.0212	0.53809	NA	BTNL10	chr1	-	2.29E+08	2.29E+08	869
ENSG0000(	2.302685	2.08555	0.1369	0.91596	0.9431	ZNF847P	chr1	-	2.28E+08	2.28E+08	1077
ENSG0000(	1.701545	1.591889	0.049522	0.96872	0.98247	ZC3H11B	chr1	-	2.2E+08	2.2E+08	3237
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	KRT18P12	chr1	+	2.15E+08	2.15E+08	1273
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	QRSL1P1	chr1	-	1.68E+08	1.68E+08	1540
ENSG0000(	4.242291	7.039261	-0.69439	0.41348	0.51831	RP11-9L18	chr1	-	1.66E+08	1.66E+08	1969
ENSG0000(	0.36308	1.012429	-0.95988	0.57711	NA	RP11-466F	chr1	+	1.66E+08	1.66E+08	1216
ENSG0000(	0.342542	0.700845	-0.57269	0.74414	NA	RP11-122G	chr1	+	1.61E+08	1.61E+08	884
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-800A	chr11	-	72926043	72926958	262
ENSG0000(	1.524285	163.0033	-6.4037	1.93E-23	1.90E-22	TSTD1	chr1	-	1.61E+08	1.61E+08	813
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-550P	chr1	+	1.59E+08	1.59E+08	609
ENSG0000(	0.995923	0.357707	1.0227	0.53712	NA	PDZK1P1	chr1	-	1.46E+08	1.46E+08	3498
ENSG0000(	5.249379	1.40169	1.7417	0.10997	0.17497	WI2-1896C	chr1	-	1.45E+08	1.45E+08	377
ENSG0000(	38.28192	19.30005	0.97873	0.013364	0.027381	RP11-495P	chr1	-	1.48E+08	1.48E+08	2210
ENSG0000(	1.722083	110.5414	-5.8267	2.77E-18	2.15E-17	RP11-426L	chr1	-	1.13E+08	1.13E+08	1819
ENSG0000(	1.701545	2.742687	-0.60622	0.60603	0.69925	RP4-773A1	chr1	-	1.12E+08	1.12E+08	1254
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP5-837M:	chr1	-	1.01E+08	1.01E+08	814
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	ST13P20	chr1	+	82187378	82188753	1065
ENSG0000(	0.72616	2.324288	-1.3538	0.3561	0.46041	MARCKSL1I	chr6	-	1.39E+08	1.39E+08	976
ENSG0000(	65.27967	112.2299	-0.77683	0.003714	0.00843	CYB5RL	chr1	-	54638009	54665709	5643
ENSG0000(	0.653381	0.357707	0.52032	0.76705	NA	RP4-635E8	chr1	+	41564310	41564808	499
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	RP11-334L	chr1	+	39174603	39176562	1960
ENSG0000(	9.555889	58.65946	-2.5829	9.44E-07	3.38E-06	ZBTB8B	chr1	+	32930670	32953461	4008
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AL353354.	chr1	-	28527013	28527152	66
ENSG0000(	0	1.903472	-2.1599	0.21236	NA	RP11-4M2:	chr1	-	24334371	24335009	328
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	LACTBL1	chr1	-	23279536	23291831	1641
ENSG0000(	585.1725	556.9522	0.070184	0.68025	0.76081	CROCCP2	chr1	-	16944751	16971178	2763
ENSG0000(	0.36308	7.417242	-3.527	0.010751	0.022446	C1orf167	chr1	+	11821844	11849642	4560
ENSG0000(	5.528515	4.006007	0.44608	0.60205	0.69555	TTC34	chr1	-	2567415	2718286	3737
ENSG0000(	5.829981	2.171348	1.2652	0.21747	0.30886	MMP23A	chr1	+	1631369	1633249	1124
ENSG0000(	3.153051	12.03426	-1.8042	0.031027	0.058404	ATAD3C	chr1	+	1385069	1405538	3859
ENSG0000(	14.38995	51.98497	-1.8345	8.93E-06	2.88E-05	RP11-490H	chr12	+	1.04E+08	1.04E+08	765
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	KRT19P5	chr12	+	95227923	95228934	1012
ENSG0000(	0.943682	0.357707	0.90033	0.60199	NA	RP3-354N1	chr6	-	1.2E+08	1.2E+08	582
ENSG0000(	2.012384	6.877327	-1.4959	0.24739	0.34347	HIST1H1PS	chr6	+	26195794	26195999	206
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-486E	chr6	-	81265558	81266906	1349
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-360C	chr6	+	10514515	10515206	692
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP1-182O1	chr6	-	5817654	5818599	946
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RPL37P15	chr6	-	70808282	70808568	287
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP3-344J2	chr6	+	1.01E+08	1.01E+08	984
ENSG0000(	0	2.618886	-2.6151	0.12026	0.18917	RPL12P2	chr6	+	37059088	37059582	495
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RAET1M	chr6	+	1.5E+08	1.5E+08	596
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RPSAP43	chr6	-	1.14E+08	1.14E+08	625

ENSG0000(	0.342542	1.788535	-1.3855	0.42741	0.53278	RP1-91J24.	chr6	-	1.45E+08	1.45E+08	591
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	IFI30	chr19	+	18283972	18288927	2116
ENSG0000(	0.975385	4.043266	-1.6692	0.22803	0.32105	IGSF23	chr19	+	45116940	45140081	989
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP3-391O2	chr6	+	34584315	34585035	721
ENSG0000(	1.370168	1.416259	-0.02766	0.9864	0.99192	RP3-355L5	chr6	+	1.06E+08	1.06E+08	747
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP1-95L4.3	chr6	+	1.44E+08	1.44E+08	381
ENSG0000(	0	2.979009	-3.0888	0.042781	0.077703	NUDT19P3	chr6	-	1.14E+08	1.14E+08	555
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP1-190J2(	chr6	-	15103177	15104361	869
ENSG0000(	295.0822	118.8767	1.3035	1.44E-07	5.55E-07	RP1-152L7	chr6	+	52529946	52533953	3039
ENSG0000(	0.995923	0.640152	0.45774	0.76749	NA	RP11-390P	chr6	-	1.39E+08	1.39E+08	748
ENSG0000(	8.911067	0.343138	3.975	0.001258	0.003072	RP11-57K1	chr6	-	1.19E+08	1.19E+08	2524
ENSG0000(	0.580602	1.698704	-1.1048	0.46854	0.5732	RP11-812I7	chr6	+	47530358	47530754	397
ENSG0000(	1.027626	2.589748	-1.0994	0.43097	0.53651	TUBB2BP1	chr6	-	3177278	3179998	871
ENSG0000(	0.870904	0.715414	0.19229	0.91324	NA	RPL17P26	chr6	+	56735989	56736541	553
ENSG0000(	13.29892	34.1434	-1.3456	0.004852	0.010826	RPS2P55	chrX	-	40794198	40795117	883
ENSG0000(	1.971308	3.010564	-0.53261	0.6458	0.73251	AC114776.	chr2	+	1.11E+08	1.11E+08	387
ENSG0000(	25.94543	47.92726	-0.87472	0.017493	0.034971	AC009403.	chr7	-	1.55E+08	1.55E+08	1008
ENSG0000(	2.31385	0.297015	2.0703	0.17427	0.2573	RP11-350J	chr6	+	1.5E+08	1.5E+08	2176
ENSG0000(	0.995923	5.575205	-2.1571	0.068133	0.1164	AC131097.	chr2	-	2.43E+08	2.43E+08	595
ENSG0000(	5.923298	5.033005	0.2284	0.78375	0.84514	CCDC7	chr10	+	32735068	32863492	3998
ENSG0000(	0.975385	0.686276	0.34537	0.83826	NA	RPL21P65	chr6	+	1.07E+08	1.07E+08	466
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	HSPD1P10	chr6	+	88008490	88010165	1676
ENSG0000(	2.261609	0.891044	1.0258	0.47573	0.58032	RP3-329A5	chr6	-	35246954	35247596	328
ENSG0000(	1.846289	0.357707	1.6637	0.31047	0.41244	RP1-83M4.	chr6	-	1.45E+08	1.45E+08	519
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-346C	chr6	+	1.11E+08	1.11E+08	339
ENSG0000(	3.547834	2.338857	0.56134	0.58291	0.67895	AC007401.	chr2	-	36758948	36779411	430
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP1-13D1(	chr6	-	16163608	16163993	386
ENSG0000(	4.73039	8.319566	-0.79099	0.33872	0.44257	PPIAP31	chr10	-	32477251	32477745	495
ENSG0000(	619.6901	267.1726	1.2104	1.76E-11	9.19E-11	FNIP1	chr5	-	1.31E+08	1.31E+08	6393
ENSG0000(	0	2.66501	-2.877	0.067583	0.11559	RP3-375P9	chr6	+	34711953	34712450	498
ENSG0000(	0.342542	0	0.4146	0.81455	NA	LARP1P1	chr6	+	26164300	26164591	292
ENSG0000(	46.93259	20.34329	1.1777	0.003262	0.00748	ANKRD18E	chr6	+	39078097	39080728	2632
ENSG0000(	0	3.38284	-3.2606	0.030247	0.057159	RP11-360C	chr6	-	10574982	10575460	479
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	RP11-277I2	chr6	-	1.45E+08	1.45E+08	315
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP1-319M7	chr6	+	38555099	38556305	1207
ENSG0000(	0	1.029414	-1.1526	0.51496	NA	RP3-340H1	chr6	+	1.44E+08	1.44E+08	649
ENSG0000(	0.685084	2.401965	-1.1634	0.49471	0.59848	SP9	chr2	+	1.75E+08	1.75E+08	2554
ENSG0000(	0.975385	1.280305	-0.3025	0.84299	0.88985	CBX3P9	chr6	-	1.17E+08	1.17E+08	552
ENSG0000(	0.342542	3.480792	-2.6153	0.068782	0.11733	AC007249.	chr2	+	10592445	10595678	494
ENSG0000(	1.027626	1.326428	-0.26349	0.87249	0.91093	RP1-34B20	chr6	+	26202384	26202882	499
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC018865.	chr2	+	1.31E+08	1.31E+08	1152
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	UQCRFS1P3	chr6	-	19638271	19639039	385
ENSG0000(	0.36308	4.303021	-2.9367	0.031683	0.059557	PRELID1P1	chr6	+	1.27E+08	1.27E+08	903
ENSG0000(	1.027626	0	1.1491	0.51623	NA	RP11-33E2	chr6	+	86441089	86441729	641
ENSG0000(	1.306762	2.056411	-0.53107	0.68844	0.76773	ISCA1P1	chr5	-	62072704	62073090	387
ENSG0000(	0.653381	3.24447	-1.9316	0.13938	0.21312	SYCE3	chr22	-	50989541	51001334	448
ENSG0000(	0	1.698704	-2.2257	0.18075	NA	RP3-366N2	chr6	+	1.68E+08	1.68E+08	582
ENSG0000(	3.983692	0.343138	2.8312	0.040121	0.073589	AC091801.	chr7	-	3179868	3214287	988
ENSG0000(	0.580602	1.652581	-1.0812	0.47855	0.58285	RP11-474L	chr6	-	76320674	76321661	831
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	RP1-95L4.2	chr6	-	1.44E+08	1.44E+08	785
ENSG0000(	1.597063	1.66715	-0.03824	0.97864	0.98818	RP11-477E	chr6	-	79777409	79777855	447
ENSG0000(	1.971308	1.370136	0.45076	0.73753	0.80652	RPS16P5	chr6	-	53201741	53202144	404
ENSG0000(	40.62307	21.44226	0.91285	0.011329	0.023536	CKLF	chr16	+	66586466	66600331	669
ENSG0000(	67.60973	61.32992	0.13636	0.61693	0.70808	RP11-64P1	chr13	-	52741844	52865692	3796
ENSG0000(	2.978396	3.336716	-0.14254	0.90146	0.93194	RP11-204C	chrX	-	41535013	41535747	735
ENSG0000(	0.580602	2.589748	-1.6532	0.24441	0.3401	PTGES3P2	chr2	+	26045338	26045819	482
ENSG0000(	0.632843	0	0.81931	0.64303	NA	RP4-803A2	chr1	+	33445543	33446073	531
ENSG0000(	14.75979	3.414394	2.0003	0.018525	0.036853	RP1-95L4.4	chr6	+	1.44E+08	1.44E+08	1138
ENSG0000(	1.701545	16.74756	-3.1416	0.000128	0.000359	RP11-63K6	chr6	+	90524428	90525182	755
ENSG0000(	0.632843	0.343138	0.49756	0.77728	NA	MGC10955	chr2	+	74361599	74362521	923
ENSG0000(	2.354926	6.907338	-1.4607	0.1065	0.17028	RPS10P3	chr9	+	90631215	90631708	494
ENSG0000(	1.649304	0.343138	1.6347	0.29819	0.40002	CCT7P1	chr6	+	1.5E+08	1.5E+08	1611
ENSG0000(	0.72616	0.700845	0.022935	0.98937	NA	RP11-160A	chr6	+	71444206	71444665	460
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-76H1	chr6	+	87606836	87607139	304
ENSG0000(	3.019472	0.357707	2.4152	0.098018	0.15869	LDHAL6FP	chr6	-	1.58E+08	1.58E+08	1082

ENSG0000(	38.31101	36.49199	0.066824	0.87929	0.91599	RP11-465B	chr1	+	995114	1004735	1220
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-191A	chr6	+	25181587	25181973	387
ENSG0000(	0.36308	1.684135	-1.6385	0.30012	0.40168	RP6-159A1	chrX	-	65176131	65177038	908
ENSG0000(	0.653381	0.343138	0.51863	0.76794	NA	HIST1H4PS	chr6	+	27774853	27775117	265
ENSG0000(	0.653381	0.297015	0.51304	0.77085	NA	RP11-66N1	chrX	-	1.53E+08	1.53E+08	852
ENSG0000(	1.939605	3.443532	-0.7133	0.52459	0.62674	ZNF839P1	chrY	+	21147061	21148284	861
ENSG0000(	0.923144	0.654722	0.36894	0.81994	NA	RP11-420K	chr1	-	39769966	39770570	288
ENSG0000(	1.411244	0	1.7307	0.32696	NA	RP1-24O22	chr6	-	142272	145083	2812
ENSG0000(	80.3617	98.48535	-0.292	0.37415	0.47837	PAM16	chr16	-	4381550	4405608	806
ENSG0000(	0	1.309443	-1.6539	0.35008	NA	AC073869.	chr2	-	1.32E+08	1.32E+08	2301
ENSG0000(	1.628766	3.512346	-0.98939	0.38106	0.48518	RP4-800J2	chr20	-	55959216	55968118	1540
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP3-407E4	chr6	+	64150671	64153485	968
ENSG0000(	11.26518	0	5.1146	3.88E-05	0.000116	RP11-561C	chr15	-	85798600	85873565	3611
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RSL24D1P1	chr6	-	27748398	27748890	493
ENSG0000(	0.36308	1.669566	-1.4999	0.36942	0.47399	RP1-13D10	chr6	+	16161157	16161642	486
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	DNAJA1P4	chr6	-	1.15E+08	1.15E+08	1166
ENSG0000(	0.632843	0.297015	0.49183	0.78024	NA	KIRREL3-AS	chr11	+	1.27E+08	1.27E+08	1768
ENSG0000(	1.016461	0	1.3167	0.46021	NA	KRT18P22	chr6	-	1.17E+08	1.17E+08	1347
ENSG0000(	12.91709	14.46128	-0.15408	0.79664	0.85558	AC016739.	chr2	-	1.77E+08	1.77E+08	345
ENSG0000(	0	1.416259	-1.7181	0.33141	NA	KRT8P43	chr6	+	24598240	24600018	1458
ENSG0000(	3.081086	1.84278	0.5964	0.63184	0.72096	POM121L1	chr6	+	58263736	58265293	1558
ENSG0000(	0.705622	0.951736	-0.34312	0.83184	NA	RP11-367G	chr6	+	1.14E+08	1.14E+08	447
ENSG0000(	68.19987	88.54154	-0.37278	0.18356	0.26873	TATDN2P2	chr6	-	1.59E+08	1.59E+08	2226
ENSG0000(	2.407167	6.955878	-1.4493	0.11274	0.17895	RP11-889L	chr5	+	1.77E+08	1.77E+08	591
ENSG0000(	0.342542	3.054271	-2.4422	0.091221	0.14948	NEPNP	chr6	+	1.18E+08	1.18E+08	1371
ENSG0000(	0.342542	0.997859	-1.0273	0.53559	NA	HIST1H2AP	chr6	+	26233350	26233483	134
ENSG0000(	296.1391	323.3776	-0.12506	0.50901	0.61238	MORF4L1P	chr1	+	2.2E+08	2.2E+08	967
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	AC006024.	chr7	+	48959361	48965612	1719
ENSG0000(	0.36308	3.054271	-2.4434	0.090836	0.14891	RP11-393I2	chr6	-	87883086	87884021	936
ENSG0000(	11904.13	1788.964	2.7325	2.51E-186	4.57E-184	TENM3	chr4	+	1.83E+08	1.84E+08	10896
ENSG0000(	0.632843	0.343138	0.49756	0.77728	NA	VN1R14P	chr6	-	26630782	26632007	929
ENSG0000(	0	1.995719	-2.4883	0.12386	0.19391	LYPLA1P3	chr6	+	71874779	71875473	695
ENSG0000(	1.701545	5.018435	-1.4317	0.1659	0.247	RAET1K	chr6	-	1.5E+08	1.5E+08	1883
ENSG0000(	0.72616	0	0.85004	0.63064	NA	AC012078.	chrY	-	3719265	3720910	1646
ENSG0000(	9.886452	5.274159	0.8564	0.2829	0.38403	AC110619.	chr2	-	2.41E+08	2.41E+08	2017
ENSG0000(	4.781817	4.037561	0.2508	0.77542	0.83869	RP11-296E	chr6	-	80774003	80779916	5914
ENSG0000(	32.63873	45.79801	-0.4803	0.22093	0.31297	AC016773.	chr4	+	1741078	1743830	2751
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	NDUFS5P1	chr6	-	1.37E+08	1.37E+08	289
ENSG0000(	64.34699	112.1399	-0.79993	0.000882	0.00221	RP11-475C	chr6	-	1.54E+08	1.54E+08	447
ENSG0000(	0.36308	3.847363	-2.5427	0.097628	0.15826	NIP7P3	chr6	-	1.16E+08	1.16E+08	515
ENSG0000(	0.342542	1.012429	-0.95691	0.57869	NA	RPS27P15	chr6	+	74328069	74328320	252
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP1-140K8	chr6	-	3914156	3914526	371
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-93K7	chr6	-	1.02E+08	1.02E+08	1143
ENSG0000(	0.72616	0.997859	-0.35968	0.82345	NA	H2AFZP3	chr13	-	99867626	99868012	387
ENSG0000(	153.7069	251.096	-0.70452	0.00929	0.019635	LINC00339	chr1	+	22351681	22357716	1054
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-420A	chr6	-	37970608	37971089	482
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AP002530.	chr6	+	1.03E+08	1.03E+08	684
ENSG0000(	0.923144	2.232041	-1.0273	0.44686	0.55241	AP000350.	chr22	-	24236613	24241117	1476
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP1-253B1	chr6	-	87439426	87439826	401
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	GAPDHP63	chr6	-	80662722	80663728	1007
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP4-791C1	chr7	+	55001392	55005877	4486
ENSG0000(	0.653381	5.614881	-2.6844	0.023641	0.045901	RP11-2J18.	chr6	+	1.57E+08	1.57E+08	378
ENSG0000(	1.846289	0.357707	1.6637	0.31047	0.41244	RP3-395C1	chr6	-	1.58E+08	1.58E+08	616
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-425D	chr6	-	1.1E+08	1.1E+08	740
ENSG0000(	0.72616	0	0.85004	0.63064	NA	AC008060.	chr7	+	1.55E+08	1.55E+08	1551
ENSG0000(	0.36308	0.640152	-0.51156	0.77091	NA	BRD7P4	chr6	+	1.12E+08	1.12E+08	1522
ENSG0000(	0.685084	0.700845	-0.01556	0.9928	NA	AC010150.	chr2	-	26079330	26079835	506
ENSG0000(	0.943682	8.625444	-2.8291	0.007707	0.016537	HIST1H2AP	chr6	-	26272421	26272768	348
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-174C	chr6	+	1.3E+08	1.3E+08	1295
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP5-1032F	chrX	+	1.28E+08	1.28E+08	1285
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP3-453I5.	chr6	-	90826419	90826824	406
ENSG0000(	6.814739	62.34489	-3.1298	1.16E-11	6.11E-11	AC007390.	chr2	+	37423631	37440868	3158
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP3-340B1	chr6	+	35575405	35575711	307
ENSG0000(	0.995923	0.654722	0.44529	0.7735	NA	RP3-472M2	chr6	-	1.55E+08	1.55E+08	547
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-207F	chr6	+	86578671	86579182	512

ENSG0000(	0.342542	0	0.4146	0.81455	NA	FAM8A6P	chr6	-	1.35E+08	1.35E+08	1135
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	GSTM2P1	chr6	-	1.11E+08	1.11E+08	654
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP1-229K2	chr6	-	41237613	41237977	365
ENSG0000(	0.36308	1.606458	-1.4912	0.36867	0.4733	PAPOLB	chr7	-	4897364	4901625	4262
ENSG0000(	0.342542	0.700845	-0.57269	0.74414	NA	RP1-209B5	chr6	-	1.32E+08	1.32E+08	1162
ENSG0000(	0.342542	0.594029	-0.38792	0.8278	NA	NUFIP1P	chr6	-	66803324	66804802	1479
ENSG0000(	1196.506	938.4862	0.34792	0.22488	0.31748	ZNF579	chr19	-	56088899	56092211	2136
ENSG0000(	1.701545	2.66501	-0.58069	0.62072	0.71143	TUBB8P2	chr6	+	1.44E+08	1.44E+08	495
ENSG0000(	0.290301	1.713273	-1.665	0.29391	0.39595	PTMAP3	chr20	+	17992599	17992928	330
ENSG0000(	0.36308	0	0.4146	0.81455	NA	FTH1P15	chr6	+	56869318	56869597	280
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP1-137F1	chr6	+	39321523	39321948	426
ENSG0000(	2.935529	4.424406	-0.52875	0.58371	0.67963	RP1-99E18	chr6	+	1.51E+08	1.51E+08	599
ENSG0000(	1.317927	6.157081	-1.9431	0.094518	0.15403	CTA-299D3	chr22	-	48934712	48943199	3012
ENSG0000(	0.580602	1.248751	-0.71642	0.66818	NA	RP3-340B1	chr6	+	35523650	35524041	392
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RPS3AP2	chr16	+	1527831	1528584	754
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	TRIM51FP	chr11	-	49854692	49860872	1353
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	SOD1P1	chr6	-	53061518	53061957	440
ENSG0000(	1.016461	2.800964	-1.1363	0.44218	0.54795	NPM1P37	chr6	-	70415179	70416052	874
ENSG0000(	0.342542	1.920457	-1.7057	0.29613	0.39817	RP1-167A1	chr1	-	54440642	54441704	1063
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-203F	chr1	-	2.04E+08	2.04E+08	483
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-569A	chr6	-	1.11E+08	1.11E+08	204
ENSG0000(	0.72616	0	0.85004	0.63064	NA	FTH1P19	chrX	+	37351274	37351801	528
ENSG0000(	1.048164	0	1.348	0.44949	NA	CACYBPP3	chr6	-	1.59E+08	1.59E+08	625
ENSG0000(	2.354926	2.681995	-0.17317	0.87317	0.91156	RNASEK	chr17	+	6915736	6917851	952
ENSG0000(	42.40839	47.78232	-0.1725	0.61296	0.70505	RP11-181C	chr1	-	78276507	78277621	1115
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-480N	chr6	+	43277969	43278095	127
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AMZ2P2	chr6	-	1.59E+08	1.59E+08	1057
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	NPM1P38	chr6	-	1E+08	1E+08	865
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	PIP5K1P1	chr6	+	7986730	7988425	1656
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	RP11-397G	chr6	+	1.11E+08	1.11E+08	542
ENSG0000(	1.048164	2.171348	-0.86108	0.5556	0.65473	RPL31P52	chr12	-	1.21E+08	1.21E+08	367
ENSG0000(	2.261609	1.058552	0.94563	0.48062	0.58485	RP11-250B	chr6	-	81179788	81180145	358
ENSG0000(	0.36308	0	0.4146	0.81455	NA	ATF1P1	chr6	-	93596969	93598299	927
ENSG0000(	2.883288	0.297015	2.3751	0.10878	0.17337	RP1-265C2	chr6	+	28083406	28084329	924
ENSG0000(	11.37047	9.433105	0.2619	0.68788	0.76727	HSPA8P15	chr6	-	1.52E+08	1.52E+08	786
ENSG0000(	1.608228	5.127667	-1.4605	0.19608	0.28411	RP11-524C	chr6	-	22213535	22214466	604
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-106E	chr6	+	1.45E+08	1.45E+08	794
ENSG0000(	2.914991	1.935026	0.52206	0.63384	0.72257	RP4-761J14	chr12	+	6772426	6781235	723
ENSG0000(	0.342542	0	0.4146	0.81455	NA	MBL3P	chr10	-	81342054	81344633	644
ENSG0000(	4.00423	0.640152	2.2152	0.078241	0.13102	RP11-350J	chr6	+	1.5E+08	1.5E+08	676
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	TEX40	chr11	+	64067863	64072242	917
ENSG0000(	261.9913	990.163	-1.9135	5.75E-26	6.25E-25	FAM19A5	chr22	+	48885272	49246724	2638
ENSG0000(	0	369.4463	-9.882	3.02E-20	2.57E-19	RP11-3B12	chr7	-	1.25E+08	1.25E+08	1918
ENSG0000(	0	1.71569	-1.6656	0.35029	NA	RPL23P8	chr7	+	20866945	20867372	428
ENSG0000(	9.512207	12.13779	-0.34226	0.58736	0.68295	RP3-337H4	chr6	-	43506559	43507440	882
ENSG0000(	907.172	347.1753	1.3832	9.07E-20	7.57E-19	NBPF1	chr1	-	16888814	16940057	5932
ENSG0000(	3.672853	4.524774	-0.29741	0.74123	0.80963	FTH1P8	chrX	+	1.47E+08	1.47E+08	514
ENSG0000(	1.08924	0.686276	0.38123	0.82834	NA	AP000580.	chr11	-	77524365	77524722	358
ENSG0000(	0.72616	0.297015	0.51367	0.77334	NA	RP3-323K2	chr6	-	1.32E+08	1.32E+08	289
ENSG0000(	87.51035	82.68309	0.088104	0.73134	0.80153	AC006465.	chr7	+	7680342	8043689	2111
ENSG0000(	0.653381	0.297015	0.51304	0.77085	NA	RPL17P25	chr6	-	81083732	81084286	555
ENSG0000(	1.068702	0.997859	0.04858	0.97403	0.98544	ZNF259P1	chr6	-	1.09E+08	1.09E+08	4912
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-132N	chr6	-	85399010	85399147	138
ENSG0000(	6.918407	7.2966	-0.05235	0.94438	0.96427	PPP1R3G	chr6	+	5085720	5087455	1736
ENSG0000(	0.632843	0.951736	-0.41411	0.79829	NA	HIGD1AP1(	chr20	+	34466398	34466655	258
ENSG0000(	41.24059	10.71099	1.917	3.56E-05	0.000107	FAM228B	chr2	+	24299396	24392509	2616
ENSG0000(	2.13659	2.932886	-0.37391	0.75014	0.81726	BMPR1APS	chr6	-	1.29E+08	1.29E+08	1598
ENSG0000(	56.08947	128.4003	-1.1852	3.54E-07	1.32E-06	CTD-2006C	chr19	+	12098432	12157090	4000
ENSG0000(	0.632843	1.606458	-0.99581	0.5182	0.6209	RP3-425P1	chr6	+	25140212	25141649	1438
ENSG0000(	1.608228	2.979009	-0.76139	0.52527	0.62722	RP11-262H	chr9	+	66544359	66545745	292
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-325C	chr6	-	1.28E+08	1.28E+08	422
ENSG0000(	0	1.188058	-1.268	0.47398	NA	PTCHD3P3	chr6	-	1.1E+08	1.1E+08	906
ENSG0000(	0.653381	3.259039	-1.9155	0.15101	0.22845	RP11-532F	chr6	-	669081	670307	1227
ENSG0000(	0.975385	0	1.2767	0.47406	NA	RP11-560C	chr6	-	75558793	75560200	1408
ENSG0000(	2.624689	2.711133	-0.02859	0.97842	0.98805	RP1-292B1	chr6	+	1.51E+08	1.51E+08	405

ENSG0000(	5.084097	1.294874	1.746	0.10501	0.1682	RP1-199J3.	chr6	+	1E+08	1E+08	745
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	RP11-506B	chr6	-	1.13E+08	1.13E+08	874
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	OSTCP6	chr6	-	56840404	56840860	457
ENSG0000(	2.375464	0.715414	1.3794	0.34703	0.45128	XX-C2158C	chr6	+	1.71E+08	1.71E+08	460
ENSG0000(	3.391925	0.654722	1.9391	0.14892	0.22566	GAPDHP42	chr6	+	70455763	70456743	981
ENSG0000(	8.806586	17.1765	-0.94065	0.10097	0.16281	ZSCAN12P1	chr6	+	28058932	28061442	1657
ENSG0000(	1.555988	0.654722	0.94635	0.53945	0.64005	RPL35P3	chr6	-	1.06E+08	1.06E+08	371
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-40C6	chr9	+	90140217	90140390	174
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RPL12P8	chr10	+	69634090	69634672	580
ENSG0000(	1.286224	0.357707	1.3361	0.4083	NA	RP11-378G	chr6	+	84102135	84103128	994
ENSG0000(	17.14561	0.654722	4.2433	3.07E-05	9.29E-05	RP11-420L	chr6	+	3754333	3755074	436
ENSG0000(	2.540746	88.67642	-4.8174	2.46E-09	1.10E-08	LINGO3	chr19	-	2289774	2308156	2241
ENSG0000(	6.451659	19.5024	-1.5322	0.015994	0.032208	RP11-17M1	chr18	+	74207477	74210045	2077
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	MTCYBP4	chr6	+	1.33E+08	1.33E+08	249
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-46B1	chr6	-	79987822	79988144	323
ENSG0000(	0.36308	1.294874	-1.3442	0.40498	NA	HNRNPA1P	chr5	-	79654899	79655859	961
ENSG0000(	7.761027	14.09954	-0.8506	0.16915	0.25091	RP1-37N7..	chr17	+	18314473	18317694	1871
ENSG0000(	2.085163	5.753251	-1.3449	0.20124	0.29002	ZGLP1	chr19	-	10415479	10420556	2303
ENSG0000(	283.7554	241.2052	0.23487	0.1557	0.2344	VAMP2	chr17	-	8062467	8066864	2153
ENSG0000(	1.524285	0.343138	1.4176	0.39874	NA	RPS24P12	chr6	+	1.08E+08	1.08E+08	394
ENSG0000(	5.1766	3.336716	0.60431	0.49469	0.59848	RP1-56L9.3	chr6	-	1.6E+08	1.6E+08	1185
ENSG0000(	5.966166	4.76996	0.31036	0.7302	0.80087	HIST2H2BD	chr1	+	1.5E+08	1.5E+08	493
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-129H	chr6	-	1.22E+08	1.22E+08	213
ENSG0000(	0.975385	0	1.2767	0.47406	NA	RP1-152L7	chr6	-	52552728	52568623	637
ENSG0000(	0.342542	0	0.4146	0.81455	NA	KRT8P42	chr6	-	1.35E+08	1.35E+08	1399
ENSG0000(	1.016461	0.715414	0.34797	0.83671	NA	FCF1P5	chr6	+	1.12E+08	1.12E+08	482
ENSG0000(	0.36308	0	0.4146	0.81455	NA	TUBB3P1	chr6	+	90011502	90012833	1332
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP3-520B1	chr6	-	5291263	5291621	359
ENSG0000(	0.36308	4.706852	-3.0566	0.023712	0.046006	RP11-69L1	chr6	-	7339072	7339801	730
ENSG0000(	2.334388	0	2.7132	0.086551	0.14296	YAP1P1	chr6	+	1.48E+08	1.48E+08	1393
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-111D	chr6	-	98627375	98627708	334
ENSG0000(	0.943682	2.543625	-1.1757	0.37851	0.48262	RP3-415N1	chr6	-	1.12E+08	1.12E+08	654
ENSG0000(	0.632843	0	0.81931	0.64303	NA	PGAM1P1C	chr6	+	73764820	73765580	761
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	ASS1P1	chr6	-	25023475	25024711	1237
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP1-177A1	chr6	-	1.28E+08	1.28E+08	418
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP5-1170D	chrX	+	1.13E+08	1.13E+08	508
ENSG0000(	3.890376	1.430828	1.2461	0.33944	0.44332	PKMP3	chr6	-	86369610	86370324	715
ENSG0000(	1.213446	2.696564	-0.93278	0.46067	0.56599	RPL35P2	chr6	-	34231088	34231450	363
ENSG0000(	0.290301	0.594029	-0.38058	0.83094	NA	RP11-480M	chr6	+	43295872	43296214	343
ENSG0000(	0	1.71569	-1.6656	0.35029	NA	RP3-391O2	chr6	+	34654379	34654883	280
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP3-406A7	chr6	+	1.37E+08	1.37E+08	543
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RCC2P7	chr6	-	56296748	56298011	1264
ENSG0000(	1.919068	0.686276	1.1663	0.43441	0.53992	RP11-530A	chr6	-	5066029	5067216	1188
ENSG0000(	4.378475	5.602728	-0.32783	0.75805	0.82414	AC011498.	chr19	+	4477048	4479576	1846
ENSG0000(	0.975385	0	1.2767	0.47406	NA	RP3-403A1	chr6	+	1.28E+08	1.28E+08	554
ENSG0000(	1.742621	2.010288	-0.18801	0.88769	0.92164	RP1-121G1	chr6	+	1.01E+08	1.01E+08	777
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	OR1F12	chr6	+	28041094	28042011	918
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	RP11-277I2	chr6	-	1.45E+08	1.45E+08	392
ENSG0000(	1.338465	0.686276	0.71882	0.64669	0.73297	RP3-351K2	chr6	+	1.28E+08	1.28E+08	891
ENSG0000(	20.62506	34.83451	-0.7464	0.089436	0.14698	RPL21P28	chr1	-	2.12E+08	2.12E+08	543
ENSG0000(	0.995923	7.639738	-2.6687	0.009212	0.019486	RP3-322L4	chr6	+	21602359	21602614	256
ENSG0000(	8.196072	0	4.6304	0.000372	0.000981	RP3-334F4	chr6	+	54489403	54490286	884
ENSG0000(	167.2937	236.9109	-0.50068	0.043526	0.078903	MTMR9LP	chr1	-	32697259	32707221	2624
ENSG0000(	3.910914	4.36613	-0.13648	0.88038	0.91661	RPL21P119	chr16	-	9250219	9250761	543
ENSG0000(	13.269	7.87606	0.72373	0.2208	0.31281	AC093642.	chr2	+	2.43E+08	2.43E+08	1235
ENSG0000(	76.38992	131.4982	-0.77521	0.000851	0.002136	RP11-572P	chr10	-	1.22E+08	1.22E+08	542
ENSG0000(	20.4879	11.90717	0.75018	0.16029	0.24006	RPS18P9	chr6	+	1.5E+08	1.5E+08	460
ENSG0000(	7.604305	3.679854	0.99755	0.20929	0.29925	RP3-403L1	chr6	+	1.58E+08	1.58E+08	275
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	MRPL35P1	chr6	+	13949326	13949897	572
ENSG0000(	0.36308	0.891044	-0.73478	0.67953	NA	DNAJC19P6	chr6	+	90507317	90507596	280
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	HIST1H3PS	chr6	-	26322104	26322520	417
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	MESTP1	chr6	-	1.29E+08	1.29E+08	994
ENSG0000(	0.653381	2.460242	-1.4614	0.32468	0.4276	RP3-525L6	chr6	+	17953803	17954161	359
ENSG0000(	0.342542	0.640152	-0.50911	0.77219	NA	OSTCP4	chr4	+	1.14E+08	1.14E+08	449
ENSG0000(	1.286224	1.012429	0.29146	0.84048	0.88802	IGBP1-AS2	chrX	-	69368432	69369504	513

ENSG0000(	0.72616	1.370136	-0.6429	0.69851	0.77541	RP11-125K	chr9	-	4944670	4945902	928
ENSG0000(	17.87438	12.5392	0.49761	0.31642	0.41911	RP11-137L	chr10	+	75255283	75279828	1141
ENSG0000(	379.3438	287.9301	0.3958	0.15175	0.22932	EBF2	chr8	-	25699246	25902913	5145
ENSG0000(	6.474803	6.050265	0.086007	0.91883	0.94534	C16orf3	chr16	-	90095316	90096309	994
ENSG0000(	69.31821	50.91124	0.43588	0.22723	0.32026	C6orf226	chr6	-	42858005	42858554	550
ENSG0000(	1144.887	783.1023	0.54657	0.005926	0.013002	PPP3R1	chr2	-	68358370	68488362	3023
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	PSG3	chr19	-	43225790	43244721	1961
ENSG0000(	690.2255	919.7162	-0.41418	0.000108	0.000307	FANCG	chr9	-	35073832	35080013	2631
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	KRTAP10-9	chr21	+	46047040	46048294	1255
ENSG0000(	379.1664	231.8173	0.71047	1.94E-05	6.02E-05	AP4M1	chr7	+	99699172	99707968	3408
ENSG0000(	24.03573	16.51849	0.53054	0.26285	0.36104	C2orf16	chr2	+	27799389	27805588	6200
ENSG0000(	0	2.010288	-2.4674	0.13027	0.202	RP11-404E	chr9	-	76089294	76090989	1696
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	TAS2R41	chr7	+	1.43E+08	1.43E+08	924
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	OR2A12	chr7	+	1.44E+08	1.44E+08	1046
ENSG0000(	0	2.558194	-2.582	0.12605	0.1967	KRTAP10-1	chr21	+	46057273	46058370	1098
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	KRTAP12-2	chr21	-	46086106	46086844	739
ENSG0000(	1161.529	27.53778	5.3774	8.57E-87	4.05E-85	PLXNA4	chr7	-	1.32E+08	1.32E+08	13786
ENSG0000(	102.9203	108.7961	-0.08031	0.78018	0.84227	CEBPD	chr8	-	48649471	48651648	2178
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	PSG7	chr19	-	43428286	43441330	2496
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	OR3A2	chr17	-	3181193	3182268	1076
ENSG0000(	15.39362	10.66245	0.52969	0.35315	0.4575	ARIH2OS	chr3	-	48955221	48956818	1598
ENSG0000(	70.82277	57.68981	0.29263	0.33938	0.44332	C5orf54	chr5	-	1.6E+08	1.6E+08	2851
ENSG0000(	18.89165	22.03059	-0.2248	0.63468	0.7232	HMSD	chr18	+	61616535	61649008	682
ENSG0000(	1369.12	465.0349	1.5532	7.18E-18	5.48E-17	NPTXR	chr22	-	39214457	39239987	5784
ENSG0000(	72.51315	88.71147	-0.28734	0.32247	0.42537	FAM200A	chr7	-	99143931	99156159	2480
ENSG0000(	855.755	1050.848	-0.29491	0.014676	0.029785	PPP2R2A	chr8	+	26149007	26230196	3940
ENSG0000(	10.8704	21.06844	-0.90971	0.20258	0.29141	C19orf73	chr19	-	49621655	49622397	743
ENSG0000(	4.523219	16.83095	-1.8123	0.009891	0.02081	ZNF880	chr19	+	52873170	52889048	2230
ENSG0000(	244.7092	163.1256	0.58306	0.009831	0.02069	TRIM16	chr17	-	15531274	15587625	3206
ENSG0000(	4.564295	7.213217	-0.60465	0.46422	0.56923	FAM45B	chrX	+	1.3E+08	1.3E+08	1624
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	OR6X1	chr11	-	1.24E+08	1.24E+08	1058
ENSG0000(	0.705622	0	0.8807	0.6196	NA	TAS2R40	chr7	+	1.43E+08	1.43E+08	1033
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	OR2A14	chr7	+	1.44E+08	1.44E+08	1012
ENSG0000(	63.25196	57.96332	0.12101	0.66887	0.75148	TIGD1	chr2	-	2.33E+08	2.33E+08	2448
ENSG0000(	1.681007	41.20368	-4.4314	1.06E-09	4.87E-09	FXYD7	chr19	+	35634154	35645204	1111
ENSG0000(	3.733653	15.80153	-1.9438	0.015331	0.031005	XKR9	chr8	+	71581600	71702606	3174
ENSG0000(	13.33062	27.06842	-1.0067	0.035324	0.065703	C12orf61	chr12	-	62995531	62997214	1684
ENSG0000(	16.11122	13.06529	0.28788	0.67757	0.75844	C1orf229	chr1	-	2.47E+08	2.47E+08	2258
ENSG0000(	69.63067	161.7317	-1.2109	1.79E-05	5.59E-05	SLC12A8	chr3	-	1.25E+08	1.25E+08	3484
ENSG0000(	1.722083	0.357707	1.6558	0.2951	0.39715	TMEM14E	chr3	-	1.52E+08	1.52E+08	1296
ENSG0000(	5.612459	0.700845	2.6542	0.024289	0.047014	APOL6	chr22	+	36044442	36057404	3069
ENSG0000(	523.8765	433.6561	0.27129	0.12899	0.20042	FADS3	chr11	-	61640991	61659523	5314
ENSG0000(	0.653381	10.78954	-3.5468	0.001739	0.004156	OR2A1	chr7	+	1.44E+08	1.44E+08	933
ENSG0000(	0.870904	0	1.046	0.5544	NA	TTC4P1	chr7	-	46039220	46040377	1158
ENSG0000(	0.36308	0.700845	-0.575	0.7429	NA	C3orf36	chr3	-	1.34E+08	1.34E+08	1665
ENSG0000(	2460.67	1846.176	0.41315	0.044096	0.079723	CCNL2	chr1	-	1321091	1334708	4452
ENSG0000(	5995.695	7504.208	-0.32328	0.003658	0.008318	UBA52	chr19	+	18682540	18688360	2845
ENSG0000(	0.342542	0.937167	-0.89746	0.60352	NA	MYBPHL	chr1	-	1.1E+08	1.1E+08	1372
ENSG0000(	108.7947	109.7799	-0.0106	0.96433	0.9792	PPT2	chr6	+	32121218	32131455	2202
ENSG0000(	54.89916	36.0176	0.60805	0.052993	0.093552	C5orf55	chr5	-	441645	443258	1614
ENSG0000(	29.11804	22.49028	0.37107	0.40152	0.50629	ZNF630	chrX	-	47842756	47931025	2791
ENSG0000(	23.6487	30.22468	-0.33302	0.46672	0.57149	TIAF1	chr17	-	27400537	27418537	5337
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC092675.	chr2	-	98947852	98972468	588
ENSG0000(	0.36308	0	0.4146	0.81455	NA	C7orf71	chr7	+	26677490	26686889	1956
ENSG0000(	1.233984	0.700845	0.6319	0.69038	0.76918	AC016722.	chr2	+	47043807	47049796	1588
ENSG0000(	3.785894	0.640152	2.1434	0.095648	0.15566	AC064874.	chr2	-	2.37E+08	2.37E+08	441
ENSG0000(	766.6008	11.76955	6.0077	1.55E-101	9.10E-100	BTBD19	chr1	+	45274154	45281257	2659
ENSG0000(	58.32956	51.71474	0.17252	0.54159	0.64216	FAM185A	chr7	+	1.02E+08	1.02E+08	2217
ENSG0000(	1.359003	0.686276	0.73076	0.64104	0.72806	AC005481.	chr7	+	1.57E+08	1.57E+08	3456
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	RAB6C	chr2	+	1.31E+08	1.31E+08	3077
ENSG0000(	0	1.995719	-2.4883	0.12386	0.19391	AC011997.	chr2	+	1.99E+08	1.99E+08	1032
ENSG0000(	4.36731	0.357707	2.9411	0.032269	0.060559	AP000322.	chr21	-	35772615	35773370	756
ENSG0000(	3.910914	7.988581	-0.97494	0.24732	0.34339	AC133919.	chr16	-	90106169	90114181	1381
ENSG0000(	4.346772	11.67488	-1.3724	0.055184	0.096922	AC062017.	chr2	+	2.4E+08	2.4E+08	455
ENSG0000(	174.0548	0	8.8879	1.68E-16	1.19E-15	AC112721.	chr2	-	2.38E+08	2.38E+08	588

ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC004945.	chr7	+	78982726	78983708	983
ENSG0000(	266.0482	0	9.4436	1.67E-18	1.31E-17	AC112721.	chr2	-	2.38E+08	2.38E+08	541
ENSG0000(	0	1.029414	-1.1526	0.51496	NA	AC007405.	chr2	-	1.72E+08	1.72E+08	2117
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC079354.	chr2	-	2.03E+08	2.03E+08	3093
ENSG0000(	1.846289	105.2167	-5.5131	9.00E-15	5.82E-14	ADRA2B	chr2	-	96778707	96781984	3278
ENSG0000(	380.2983	9.136091	5.3595	1.65E-59	4.76E-58	LINC00152	chr2	+	87754887	87906324	1096
ENSG0000(	0.685084	0	0.85004	0.63064	NA	AP000233.	chr21	-	26541745	26706139	763
ENSG0000(	3.547834	2.575179	0.41535	0.68483	0.76481	AC079305.	chr2	+	1.78E+08	1.78E+08	499
ENSG0000(	0.632843	0.715414	-0.08242	0.96193	NA	RP5-1039K	chr22	-	38428172	38430235	1055
ENSG0000(	10.92345	6.361849	0.75573	0.25918	0.3571	DCDC2B	chr1	+	32674695	32681797	1863
ENSG0000(	2.624689	2.497501	0.043345	0.97095	0.98392	C10orf55	chr10	-	75669727	75682535	2513
ENSG0000(	1.048164	6.313309	-2.3419	0.034817	0.064839	RP13-131K	chr3	-	49022482	49027421	782
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	HIST2H2BA	chr1	+	1.21E+08	1.21E+08	752
ENSG0000(	9.877893	8.980735	0.12181	0.85681	0.89937	RP11-66D1	chr1	-	1.57E+08	1.57E+08	433
ENSG0000(	0.975385	0.640152	0.42301	0.79383	NA	FTH1P10	chr5	-	17353804	17354733	930
ENSG0000(	0.342542	0	0.4146	0.81455	NA	PROX1-IT1	chr1	+	2.14E+08	2.14E+08	229
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	RP11-401G	chr9	-	76485812	76488213	614
ENSG0000(	16.03665	13.1227	0.29241	0.5907	0.68561	AC005104.	chr2	-	2.42E+08	2.42E+08	442
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-224C	chr1	+	2.19E+08	2.19E+08	216
ENSG0000(	1896.551	474.0825	1.9954	9.44E-28	1.11E-26	SEC22B	chr1	+	1.45E+08	1.45E+08	2008
ENSG0000(	7.302839	0	4.4594	0.000722	0.001829	RP1-65J11.	chr1	+	31297075	31307131	1108
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-408H	chr3	-	1.72E+08	1.72E+08	3212
ENSG0000(	0.36308	0.686276	-0.48701	0.78478	NA	RP11-91A1	chr1	+	52499063	52509951	762
ENSG0000(	5.051581	8.106677	-0.61919	0.4444	0.54995	RP5-858B6	chr1	+	2.31E+08	2.31E+08	794
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	AC027124.	chr3	-	13501924	13502389	466
ENSG0000(	19.55538	6.145801	1.605	0.007358	0.01585	RP11-211G	chr3	+	1.87E+08	1.87E+08	536
ENSG0000(	0	1.370136	-1.6825	0.34201	NA	AC074121.	chr7	-	98107863	98108537	348
ENSG0000(	14.51236	4.276299	1.6573	0.04615	0.082976	MEG9	chr14	+	1.02E+08	1.02E+08	2638
ENSG0000(	0.632843	1.248751	-0.71101	0.65451	NA	RPL17P17	chr3	+	65829565	65830121	557
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP1-191L6	chr20	+	38749682	38754998	426
ENSG0000(	2.697468	0	2.9287	0.058655	0.10242	LINC00473	chr6	-	1.66E+08	1.66E+08	2212
ENSG0000(	0.685084	1.248751	-0.60628	0.71608	0.78964	RP11-393I2	chr1	-	58521805	58522152	348
ENSG0000(	0	2.08555	-2.222	0.20032	0.289	AC006022.	chr7	-	30782047	30782434	388
ENSG0000(	1.068702	0.686276	0.41528	0.80556	NA	AC016716.	chr2	-	80389554	80390261	708
ENSG0000(	0.290301	0.686276	-0.47648	0.78935	NA	RP4-800M2	chr1	-	52627858	52628698	841
ENSG0000(	0.632843	1.248751	-0.71101	0.65451	NA	MTND6P21	chr21	+	45892778	45893622	482
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC011625.	chr7	+	1.32E+08	1.32E+08	526
ENSG0000(	1.722083	1.043983	0.58629	0.67894	0.7597	AC004041.	chr5	-	1.32E+08	1.32E+08	472
ENSG0000(	0.632843	0.594029	0.039277	0.98194	NA	RP11-52I18	chr1	-	1.8E+08	1.8E+08	371
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	HTATSF1P	chr6	+	33205576	33207467	984
ENSG0000(	0.580602	0.343138	0.37443	0.8337	NA	RP11-332E	chr13	+	76452849	76455263	243
ENSG0000(	245.725	52.32086	2.2263	1.16E-17	8.78E-17	FAM115B	chr7	+	1.43E+08	1.43E+08	2232
ENSG0000(	3.527296	8.635181	-1.1955	0.16481	0.24571	AC004471.	chr22	+	19109042	19112016	582
ENSG0000(	0.653381	0	0.82678	0.64037	NA	RP11-285G	chr10	+	45432956	45451173	425
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-490C	chr10	+	34198166	34206723	622
ENSG0000(	10.3532	19.43197	-0.87981	0.093082	0.15214	GS1-124K5	chr7	-	65956083	65958553	699
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AL020996.	chr1	-	26145212	26147288	2077
ENSG0000(	1.681007	9.032564	-2.2576	0.017411	0.034817	VN1R42P	chr7	+	64393651	64393994	344
ENSG0000(	12.89476	15.48183	-0.26044	0.6401	0.72726	RP11-545E	chr9	+	1.31E+08	1.31E+08	544
ENSG0000(	275.4498	239.9308	0.19807	0.21613	0.30727	NUTM2A-A	chr10	-	88963632	89102369	2394
ENSG0000(	8.724434	0	4.7275	0.000246	0.000665	RP11-417E	chr6	-	1.7E+08	1.7E+08	647
ENSG0000(	6.027779	104.1747	-4.0616	1.19E-19	9.84E-19	AC092198.	chrX	+	39868529	39871435	2691
ENSG0000(	0.705622	1.545765	-0.87793	0.57415	0.6713	RP3-328E1	chr1	+	1.48E+08	1.48E+08	282
ENSG0000(	1.338465	0	1.8837	0.27037	NA	RP11-15M2	chr20	-	51785182	51796089	1620
ENSG0000(	804.0382	996.1287	-0.3082	0.087333	0.14409	EXOSC6	chr16	-	70284134	70285833	1700
ENSG0000(	504.7146	536.539	-0.08655	0.58096	0.67743	VPS52	chr6	-	33218049	33239824	3338
ENSG0000(	0.36308	0.686276	-0.48701	0.78478	NA	RP11-96B5	chr10	-	52822339	52828313	421
ENSG0000(	0.943682	1.730259	-0.63992	0.67375	0.75571	RP11-29H2	chr1	-	1.56E+08	1.56E+08	662
ENSG0000(	3.64115	1.995719	0.7883	0.44495	0.55046	RP11-397P	chr1	-	2.04E+08	2.04E+08	328
ENSG0000(	19.21203	9.231626	1.0366	0.047933	0.085778	RPL23AP53	chr8	-	163251	163707	457
ENSG0000(	65.94249	4.478651	3.7593	6.10E-13	3.52E-12	RP11-632K	chr15	-	32812049	32829127	1673
ENSG0000(	9.689468	8.300907	0.22437	0.76275	0.82784	CDRT15	chr17	-	14138990	14140179	766
ENSG0000(	0	2.382564	-2.4485	0.15134	0.22879	RP13-297E	chrX	+	1851477	1874878	445
ENSG0000(	1.338465	0.937167	0.37552	0.79552	0.85505	ATP6V0E1P	chr3	-	41900842	41901086	245
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	AFF2-IT1	chrX	+	1.48E+08	1.48E+08	443

ENSG0000(	0.870904	1.309443	-0.38061	0.81589	0.87074	CSNK1A1P:	chr15	-	37090797	37110660	2147
ENSG0000(	8.850267	3.679854	1.192	0.14255	0.21719	RP11-439E	chr1	-	2.47E+08	2.47E+08	3050
ENSG0000(	2.023549	2.604317	-0.33403	0.77681	0.83959	AC093690.	chr2	-	28530558	28533326	2110
ENSG0000(	0.705622	0	0.8807	0.6196	NA	AC079613.	chr2	-	1.89E+08	1.9E+08	797
ENSG0000(	1.08924	11.85293	-3.2042	0.001651	0.003955	RABGAP1L-	chr1	+	1.75E+08	1.75E+08	737
ENSG0000(	3.899749	2.857624	0.3857	0.73472	0.8042	RP11-223P	chr10	-	1.29E+08	1.29E+08	837
ENSG0000(	0.290301	0.654722	-0.51764	0.76892	NA	EEF1A1P8	chr3	-	1.84E+08	1.84E+08	1388
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	HLA-DQB1-	chr6	+	32627657	32628506	552
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	RP1-283K1	chr6	-	1.34E+08	1.34E+08	631
ENSG0000(	0.72616	0	0.85004	0.63064	NA	TCEAL4P1	chr13	-	37316015	37316602	588
ENSG0000(	45.84335	45.00075	0.028943	0.92838	0.95256	LINC00630	chrX	+	1.02E+08	1.02E+08	2101
ENSG0000(	10.79925	255.9643	-4.5529	5.39E-43	1.03E-41	ZNF844	chr19	+	12175514	12192380	6620
ENSG0000(	2.956066	3.784254	-0.30713	0.77174	0.83559	MTND5P28	chr2	+	1.21E+08	1.21E+08	1594
ENSG0000(	4.689314	3.276024	0.46893	0.60367	0.69701	TMSB4XP4	chr9	+	1.31E+08	1.31E+08	618
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-24F1	chr3	-	46406446	46448550	656
ENSG0000(	0.342542	4.600036	-3.0296	0.025468	0.049085	SMPD4P1	chr22	-	20956882	21011201	2163
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC078851.	chr2	-	1.41E+08	1.41E+08	298
ENSG0000(	0.580602	1.713273	-1.1032	0.47375	0.57833	RP11-700P	chr7	+	56355923	56359118	2884
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	AC003090.	chr7	-	25632971	25790614	1870
ENSG0000(	1.027626	0	1.1491	0.51623	NA	AP001601.	chr21	+	28261695	28312061	361
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	CYP4F32P	chr2	-	95425004	95426024	504
ENSG0000(	2.085163	4.617021	-1.068	0.30779	0.40955	DHRSX-IT1	chrX	-	2252336	2254451	651
ENSG0000(	0	135.8336	-8.545	4.63E-15	3.04E-14	CKMT1A	chr15	+	43985084	43991420	1911
ENSG0000(	5.113194	12.96976	-1.2689	0.07511	0.12665	TINCR	chr19	-	5558178	5568045	3733
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RBMX2P3	chr1	-	1.2E+08	1.2E+08	957
ENSG0000(	4.81352	5.020852	-0.04038	0.96256	0.97789	RP11-61K9	chr13	+	20415967	20417812	444
ENSG0000(	2.697468	3.169208	-0.23857	0.82153	0.87444	RP3-476K8	chr1	-	26781144	26781678	535
ENSG0000(	1.794048	2.131673	-0.15726	0.91426	0.94154	TVP23CP1	chr7	+	90261220	90261882	639
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP4-662A9	chr6	+	1.34E+08	1.34E+08	813
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP5-884C9	chr1	-	38546244	38546583	340
ENSG0000(	0	21.43823	-6.0253	3.22E-07	1.20E-06	CENPVP1	chrX	+	51453887	51455227	1303
ENSG0000(	0.685084	0	0.85004	0.63064	NA	FNDC3CP	chrX	-	77421193	77427919	1155
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AL356806.	chr14	-	34885893	34886808	916
ENSG0000(	0.705622	2.307303	-1.4238	0.30538	0.40696	RP1-292B1	chr6	-	1.51E+08	1.52E+08	853
ENSG0000(	3.818411	9.441226	-1.2453	0.16367	0.24431	RP11-216N	chr1	-	1.54E+08	1.54E+08	1309
ENSG0000(	0.995923	0	1.4959	0.39264	NA	AC125634.	chr9	-	69891208	69901481	1403
ENSG0000(	2.749709	6.828788	-1.2025	0.24316	0.33856	SUPT20HL2	chrX	-	24328979	24331432	2454
ENSG0000(	13.66379	11.20062	0.27222	0.64794	0.73402	RP11-289I:	chr1	+	1.48E+08	1.48E+08	704
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-54H7	chr13	+	1.1E+08	1.1E+08	698
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AK4P4	chr9	-	5855781	5856426	646
ENSG0000(	2.116866	0.686276	1.172	0.46125	0.56647	RP1-125I3.	chr1	+	26215461	26215600	140
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC073869.	chr2	+	1.32E+08	1.32E+08	1861
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC012506.	chr2	-	23580387	23583247	533
ENSG0000(	0	1.280305	-1.6305	0.35731	NA	RP4-613A2	chr1	+	2.3E+08	2.3E+08	591
ENSG0000(	1.306762	0.343138	1.2492	0.4594	NA	AC008277.	chr2	+	1.6E+08	1.6E+08	1149
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AL133249.	chr2	-	32018892	32029049	418
ENSG0000(	1.701545	1.309443	0.29605	0.82676	0.87797	UHRF2P1	chrX	+	73325407	73327793	2387
ENSG0000(	36.95103	0	6.8046	1.35E-09	6.16E-09	AC106786.	chr5	-	1.22E+08	1.22E+08	792
ENSG0000(	8.652469	2.947455	1.4586	0.071106	0.12077	RP11-131L	chr1	+	85742398	85913807	1950
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	AC011242.	chr2	-	43902292	43903461	1170
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	AC012314.	chr19	-	54703321	54703838	410
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	SAMSN1-AS	chr21	+	15954523	15970624	840
ENSG0000(	0.342542	1.073121	-0.87093	0.62353	NA	RP5-890O3	chr1	+	1314046	1314412	367
ENSG0000(	0.632843	0	0.81931	0.64303	NA	CTB-111F1(	chr7	-	91268162	91272827	536
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	EEF1A1P24	chr3	+	39400036	39401413	1378
ENSG0000(	18.01912	5.116387	1.7152	0.023711	0.046006	RP11-93B1	chr20	-	61363918	61366699	739
ENSG0000(	0.923144	0	1.223	0.49292	NA	RP11-86H7	chr1	-	95051112	95057853	2171
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-311H	chr9	+	33402855	33409946	353
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AL138935.	chr1	+	63727784	63728378	595
ENSG0000(	2.282147	0.357707	2.0705	0.1665	0.24767	LINC00571	chr13	-	38624954	38717369	525
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RPS24P14	chr11	+	3580887	3581252	366
ENSG0000(	3.910914	5.568757	-0.4792	0.5645	0.6625	DIP2A-IT1	chr21	+	47882384	47889219	428
ENSG0000(	2.31385	1.012429	0.99399	0.46162	0.56683	RP4-633O1	chr22	+	36784671	36792562	510
ENSG0000(	3.071713	2.027273	0.52033	0.66238	0.74598	AF230666.	chr8	-	1.34E+08	1.34E+08	773
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	GOLGA6L1:	chrY	+	26314334	26320641	1298

ENSG0000(	0.342542	4.41467	-2.6339	0.094386	0.15385	AC027612.	chr2	+	91924752	91955465	2395
ENSG0000(	0.342542	1.188058	-0.99414	0.57407	NA	RP1-90L6.2	chr22	+	27254597	27261749	6043
ENSG0000(	212.2857	408.3557	-0.94439	4.23E-08	1.70E-07	NSUN5P1	chr7	+	75039605	75046066	4792
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	AC091633.	chr3	+	1.95E+08	1.95E+08	810
ENSG0000(	0.342542	2.367995	-2.0738	0.17182	0.25433	RP5-1172N	chrX	+	41134992	41136031	835
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	AC093107.	chr7	+	1.35E+08	1.35E+08	615
ENSG0000(	8.019626	2.635871	1.5025	0.073078	0.12366	AC024162.	chr3	+	6734006	6734775	432
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP5-1024N	chr1	+	48671637	48672515	270
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-467L	chr12	+	31907651	31908055	405
ENSG0000(	1.359003	1.638012	-0.24805	0.84753	0.89291	BX842568.	chrX	-	36980269	36981498	1230
ENSG0000(	0.290301	1.638012	-1.64	0.2979	0.3998	RAD17P2	chr13	-	49618215	49620930	1977
ENSG0000(	1.359003	1.652581	-0.25445	0.84363	0.8902	AC007879.	chr2	-	2.08E+08	2.08E+08	741
ENSG0000(	0	7.662428	-4.5137	0.000686	0.001742	RP1-127B2	chr22	+	45297427	45298351	925
ENSG0000(	1.660469	3.305162	-0.8624	0.47755	0.58202	SUPT20HL1	chrX	+	24380878	24383541	2618
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-321C	chr13	-	45556212	45657260	315
ENSG0000(	0.705622	2.757256	-1.6327	0.23279	0.32635	RP11-644K	chr2	+	20251895	20254257	573
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	OR51B3P	chr11	-	5336002	5336914	913
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-149B	chrX	-	28589649	28604512	756
ENSG0000(	92.62183	131.9518	-0.5038	0.25242	0.34927	RP4-717I2.	chr1	-	93727743	93811582	2973
ENSG0000(	101.1046	44.92059	1.1574	0.00271	0.006291	AC004383.	chrX	-	1.34E+08	1.34E+08	760
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP4-673D2	chr20	-	1645929	1688846	1216
ENSG0000(	4.439275	5.748419	-0.3238	0.72248	0.79466	AC116609.	chr2	+	742488	747767	535
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	GHc-602D8	chrX	+	1.01E+08	1.01E+08	670
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC008073.	chr2	-	24422708	24424567	543
ENSG0000(	17.14822	1804.04	-6.6894	3.22E-172	4.97E-170	TSSC2	chr11	+	3402191	3430208	2337
ENSG0000(	8.21661	4.568482	0.79444	0.33128	0.43443	RP11-353N	chr1	+	1.5E+08	1.5E+08	1988
ENSG0000(	0	1.698704	-2.2257	0.18075	NA	CCDC74B-A	chr2	+	1.31E+08	1.31E+08	1841
ENSG0000(	168.5739	24.81141	2.736	3.22E-19	2.60E-18	RP11-54O7	chr1	-	852250	855072	1389
ENSG0000(	151.8909	75.10659	1.009	3.26E-06	1.11E-05	LINC00205	chr21	+	46713200	46717269	1391
ENSG0000(	2.375464	0.343138	2.0752	0.17189	0.2544	MIR1255B2	chr7	+	81638493	81659271	2651
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	GEMIN8P3	chrX	+	85559370	85560089	720
ENSG0000(	131.4842	147.9925	-0.1731	0.40658	0.51136	CD99P1	chrX	+	2527389	2575270	3071
ENSG0000(	0.632843	0	0.81931	0.64303	NA	RP11-307B	chr1	+	2.02E+08	2.02E+08	600
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	LGALS8-AS2	chr1	-	2.37E+08	2.37E+08	1440
ENSG0000(	0.632843	0	0.81931	0.64303	NA	AC092162.	chr2	-	1.78E+08	1.78E+08	434
ENSG0000(	1.971308	2.635871	-0.37319	0.73813	0.80693	RP11-403I2	chr1	+	1.49E+08	1.49E+08	5057
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	AC124944.	chr3	-	1.96E+08	1.96E+08	574
ENSG0000(	1.660469	3.10281	-0.70891	0.62426	0.7145	RP11-554I8	chr10	+	6779344	6780988	917
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP4-593M8	chr1	-	93046033	93046378	346
ENSG0000(	1.286224	6.746278	-2.1346	0.04213	0.076714	UBE2E1-AS	chr3	-	23845515	23848396	778
ENSG0000(	10.73682	17.89836	-0.71336	0.17336	0.25617	ENTPD3-AS	chr3	-	40355293	40494820	2036
ENSG0000(	0.632843	0	0.81931	0.64303	NA	AP000295.	chr21	-	34636178	34638565	2228
ENSG0000(	25.85292	52.72159	-1.0248	0.005442	0.012032	CERS1	chr19	-	18979361	19007536	2558
ENSG0000(	1.359003	0	1.8987	0.26617	NA	RPS20P14	chr3	+	1.87E+08	1.87E+08	360
ENSG0000(	47.34612	46.71174	0.012609	0.96941	0.9828	RP6-206I17	chr1	-	1.44E+08	1.44E+08	2210
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	LINC00114	chr21	-	40110945	40119384	1790
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-562N	chr9	+	32926049	32926448	400
ENSG0000(	1.048164	0	1.348	0.44949	NA	RP11-437J	chr6	-	1.14E+08	1.14E+08	507
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-197K	chr3	+	1.91E+08	1.91E+08	901
ENSG0000(	8.443506	30.20695	-1.7952	0.000326	0.000868	AC007255.	chr7	-	29554385	29603286	889
ENSG0000(	0.705622	10.92791	-3.5801	0.00094	0.002343	RP11-543D	chr1	-	48226804	48231219	407
ENSG0000(	0	1.340997	-1.8899	0.26871	NA	DIAPH3-AS	chr13	+	60718832	60727639	367
ENSG0000(	2.447429	11.30831	-2.0096	0.029694	0.056267	CFL1P1	chr10	+	89577685	89605369	2120
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	RP11-505P	chr6	-	74201748	74202465	370
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-465B	chr1	+	1072397	1079436	1620
ENSG0000(	1.379541	1.294874	0.047441	0.97332	0.98515	DAZAP2P1	chr2	-	2.03E+08	2.03E+08	503
ENSG0000(	1.359003	0.297015	1.3758	0.39512	NA	BANF1P4	chr1	-	1.75E+08	1.75E+08	270
ENSG0000(	3.516131	0.343138	2.646	0.062548	0.10817	RP1-56J10.	chr22	+	30994296	31002674	249
ENSG0000(	0.290301	0.594029	-0.38058	0.83094	NA	RP11-472N	chr10	+	31893528	31895146	421
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	BRD2-IT1	chr6	+	32938009	32938663	338
ENSG0000(	1.068702	0	1.3672	0.44297	NA	AC007091.	chr7	+	19393157	19618229	566
ENSG0000(	0.632843	8.409396	-3.262	0.003482	0.007948	FAM95B1	chr9	+	42466317	42474239	4692
ENSG0000(	0.975385	0.654722	0.40949	0.80016	NA	RP11-135J2	chr1	-	2.19E+08	2.19E+08	1126
ENSG0000(	6.671788	1.40169	2.0504	0.057702	0.10088	RP11-80I15	chr9	+	97885803	97886150	348
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	AC010145.	chr2	+	16060521	16076139	1039

ENSG0000(	23.33948	90.62977	-1.9421	1.10E-08	4.64E-08	AC147651.	chr7	+	560028	564869	3506
ENSG0000(	1.866827	0	2.3484	0.15622	NA	RP11-74C1	chr1	+	1.52E+08	1.52E+08	495
ENSG0000(	0.290301	0.951736	-0.90191	0.60254	NA	NPM1P19	chr20	-	37606354	37607065	712
ENSG0000(	42.44964	322.0175	-2.9144	9.14E-48	1.96E-46	HLA-DPB1	chr6	+	33043703	33054978	1560
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC002486.	chr7	-	20681181	20681571	391
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-2F9.	chr15	-	22440227	22440848	622
ENSG0000(	23.19816	5.355125	1.9984	0.00391	0.008844	AC005517.	chr17	+	15410180	15410668	489
ENSG0000(	0.342542	1.294874	-1.342	0.40631	NA	ABCC5-AS1	chr3	+	1.84E+08	1.84E+08	469
ENSG0000(	2.738544	1.294874	0.90438	0.46336	0.56849	AC019048.	chr2	-	7202858	7218011	555
ENSG0000(	3.682226	5.505649	-0.54865	0.56814	0.66559	RP11-251G	chr7	+	1.05E+08	1.05E+08	463
ENSG0000(	36.37997	80.33873	-1.1269	0.001015	0.002514	RP5-995J1	chr20	+	42839600	42854667	1563
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC096568.	chr7	-	49981847	49984036	2190
ENSG0000(	0.653381	1.058552	-0.47534	0.76821	NA	CCNJP2	chr1	+	93221351	93222513	1163
ENSG0000(	1.233984	0.640152	0.69125	0.6636	NA	SEC13P1	chr3	+	33075355	33076302	948
ENSG0000(	1.95077	1.340997	0.45645	0.73609	0.80532	AP001469.	chr21	+	47640183	47641992	525
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC009502.	chr2	+	2.21E+08	2.21E+08	416
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-439L	chr1	+	31984036	31989846	2741
ENSG0000(	0.923144	0.686276	0.30412	0.8576	NA	AC068657.	chr5	-	1.59E+08	1.59E+08	306
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	ZNF32-AS3	chr10	+	44124265	44170151	1932
ENSG0000(	0.36308	0.640152	-0.51156	0.77091	NA	AC009480.	chr2	-	1.49E+08	1.49E+08	412
ENSG0000(	1.576526	0.98329	0.55672	0.69492	0.77231	DPPA2P1	chrY	+	15342765	15343320	556
ENSG0000(	1.649304	2.976593	-0.72982	0.55968	0.65836	RP11-353H	chr3	-	43526464	43527372	515
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-430G	chr1	+	62119866	62120580	715
ENSG0000(	6.991186	5.424682	0.37039	0.64598	0.73254	ASS1P2	chr2	-	39037574	39038796	1223
ENSG0000(	4.678149	1.713273	1.3138	0.22611	0.31892	AC010136.	chr2	+	2.19E+08	2.19E+08	568
ENSG0000(	1.359003	0.654722	0.79525	0.59532	0.68965	RP11-33A1	chr3	-	1.78E+08	1.78E+08	2100
ENSG0000(	0.923144	0.997859	-0.05562	0.97039	0.98357	AC008074.	chr2	-	64622354	64680932	723
ENSG0000(	2.583614	0.297015	2.1045	0.18758	0.27359	RP11-458I	chr1	+	1.5E+08	1.5E+08	870
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-533C	chr6	+	41997791	41999120	161
ENSG0000(	9.575613	0	4.8808	0.000109	0.000308	AC016738.	chr2	-	1.02E+08	1.02E+08	3485
ENSG0000(	2.935529	15.89532	-2.3097	0.002745	0.006368	RP11-24J2	chr1	-	64560125	64636980	2189
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	AL133244.	chr2	-	33281400	33288180	258
ENSG0000(	1.048164	1.294874	-0.27358	0.85003	0.89459	RP4-710M	chr1	+	56880635	56881638	545
ENSG0000(	349.5936	310.0684	0.17276	0.50325	0.60676	AFG3L1P	chr16	+	90038994	90068569	3327
ENSG0000(	211.4973	111.8767	0.91787	6.32E-06	2.08E-05	AC009948.	chr2	+	1.79E+08	1.79E+08	2007
ENSG0000(	2.665765	1.280305	0.87732	0.49163	0.59558	PRKRIRP8	chr1	-	2.41E+08	2.41E+08	2115
ENSG0000(	1.649304	1.698704	-0.02525	0.98381	0.99083	ZNF587P1	chr3	+	31835962	31837667	1386
ENSG0000(	3.806432	10.30475	-1.3427	0.079069	0.13219	AC002456.	chr7	-	90219933	90226667	450
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	DDX11L1	chr1	+	11869	14412	1657
ENSG0000(	0.653381	0	0.82678	0.64037	NA	AC068491.	chr2	+	1.12E+08	1.12E+08	1241
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	RP11-561N	chr7	+	64011876	64012444	569
ENSG0000(	2.188831	1.652581	0.36229	0.77715	0.83989	SMCR2	chr17	-	17577340	17581002	564
ENSG0000(	0.36308	0	0.4146	0.81455	NA	PHBP6	chr7	+	74619641	74620426	786
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-12A2	chr9	+	67864636	67864981	346
ENSG0000(	0.290301	2.367995	-2.0987	0.16791	0.24938	HNRNPRP1	chr10	-	21913521	21915215	1695
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC104809.	chr2	-	2.42E+08	2.42E+08	2345
ENSG0000(	1.016461	0.594029	0.47076	0.78115	NA	RP11-321N	chr6	-	86270033	86270928	596
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP3-471M	chr1	+	1.73E+08	1.73E+08	658
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-270F	chr9	+	1.01E+08	1.01E+08	555
ENSG0000(	0.632843	2.367995	-1.5025	0.28295	0.38408	CTA-407F1	chr22	+	26043228	26045199	1628
ENSG0000(	0.290301	0	0.4146	0.81455	NA	ATP5C1P1	chr14	-	54457819	54458713	895
ENSG0000(	5.560218	3.198346	0.72683	0.42518	0.53052	AC022400.	chr10	-	75473354	75473609	252
ENSG0000(	1.068702	0	1.3672	0.44297	NA	AC019070.	chr2	-	1.49E+08	1.49E+08	1024
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC111155.	chr17	-	58804526	58804843	318
ENSG0000(	3.579537	0	3.3029	0.029624	0.056152	RP11-488L	chr1	+	2.47E+08	2.47E+08	270
ENSG0000(	0	1.340997	-1.8899	0.26871	NA	AC063976.	chr5	-	1.32E+08	1.32E+08	381
ENSG0000(	0	5.081544	-3.8883	0.00574	0.012629	RP11-728K	chr7	-	1.5E+08	1.5E+08	291
ENSG0000(	2.769433	0.640152	1.6519	0.25705	0.35458	AC005022.	chr7	+	41141202	41173105	1220
ENSG0000(	1.524285	0	1.8365	0.29722	NA	AC097500.	chr2	-	1.87E+08	1.87E+08	477
ENSG0000(	27.47134	12.44696	1.1103	0.017932	0.035753	MIR181A2I	chr9	+	1.27E+08	1.27E+08	662
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-383C	chr10	-	1.27E+08	1.27E+08	2600
ENSG0000(	0.705622	0.357707	0.57557	0.74268	NA	RP1-231P7	chr22	-	27959800	27969534	577
ENSG0000(	0.685084	0.357707	0.4822	0.78686	NA	RP11-136K	chr6	+	1.51E+08	1.51E+08	639
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	TCEAL3-AS1	chrX	-	1.03E+08	1.03E+08	361
ENSG0000(	161.4083	548.9784	-1.7624	2.22E-33	3.21E-32	EPB41L4A-	chr5	+	1.11E+08	1.11E+08	2969

ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-445P	chr10	-	5307996	5313199	692
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	SFPQP1	chrY	+	15195704	15207719	1786
ENSG0000(	0.290301	0	0.4146	0.81455	NA	CTSL1P2	chr10	+	48157041	48158148	391
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP4-781K5	chr1	+	2.35E+08	2.35E+08	1008
ENSG0000(	0	1.058552	-1.361	0.4451	NA	AC091493.	chr3	-	16734252	16735709	1458
ENSG0000(	0.36308	1.684135	-1.6385	0.30012	0.40168	HMGN1P4	chr1	-	1.83E+08	1.83E+08	290
ENSG0000(	5.705775	10.86393	-0.89062	0.21852	0.31007	AC016725.	chr2	-	1.35E+08	1.36E+08	976
ENSG0000(	2.956066	16.04343	-2.3269	0.001543	0.003716	AC005076.	chr7	-	86780739	86781736	769
ENSG0000(	0	2.66501	-2.877	0.067583	0.11559	RP11-30O1	chr3	+	1.88E+08	1.88E+08	608
ENSG0000(	0.290301	6.114247	-3.3775	0.014403	0.02928	RP1-90G24	chr22	+	32669407	32673173	590
ENSG0000(	580.9011	279.2173	1.0541	7.81E-13	4.47E-12	GLTPD1	chr1	+	1260136	1264277	2190
ENSG0000(	2.012384	0.357707	1.8757	0.22318	0.31563	GAPDHP55	chr15	+	44355709	44356511	803
ENSG0000(	16.32695	0	5.6477	2.36E-06	8.14E-06	EGFR-AS1	chr7	-	55247443	55256627	2806
ENSG0000(	0.685084	0	0.85004	0.63064	NA	HSPA8P16	chr7	+	84657144	84659008	1865
ENSG0000(	0.870904	0.297015	0.71032	0.69005	NA	ARSEP1	chrY	+	14460540	14468218	635
ENSG0000(	0.705622	6.569033	-2.8227	0.019457	0.0385	AC007319.	chr2	+	1.88E+08	1.88E+08	829
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-344H	chr1	+	27310119	27310515	397
ENSG0000(	0	1.073121	-1.1788	0.50551	NA	RP4-622L5	chr1	-	32670370	32672415	786
ENSG0000(	1.89853	0.357707	1.6975	0.29865	0.40041	RP11-430K	chr9	+	1.15E+08	1.15E+08	413
ENSG0000(	4.035933	2.399549	0.69367	0.49599	0.59988	RP11-75A9	chrX	-	46313532	46316634	2299
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP1-56L9.7	chr6	-	1.6E+08	1.6E+08	741
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	LINC00691	chr3	-	24137760	24144729	2964
ENSG0000(	1705.285	9449.69	-2.4662	6.46E-65	2.11E-63	SNHG14	chr15	+	25224704	25664609	8842
ENSG0000(	3.350849	6.819924	-0.97099	0.27917	0.37986	AC091729.	chr7	+	1114086	1117672	869
ENSG0000(	3.713929	1.698704	1.0175	0.34862	0.45277	UBE2FP1	chr3	-	37185003	37185449	447
ENSG0000(	15.10331	18.59034	-0.28774	0.58755	0.68313	RP11-86H7	chr1	-	95104017	95285837	1331
ENSG0000(	0.943682	1.073121	-0.09955	0.95235	0.97023	RP11-39K2	chr9	+	5096666	5098193	1528
ENSG0000(	30.44811	4.49322	2.66	6.05E-06	1.99E-05	LL22NC03-	chr22	+	22292609	22297799	3647
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-443B	chr9	-	1977784	1978547	764
ENSG0000(	10.60145	3.259039	1.599	0.046784	0.083968	RP5-1033H	chr1	+	94057756	94071130	722
ENSG0000(	0.290301	0.686276	-0.47648	0.78935	NA	RP11-578F	chr3	-	45201266	45201667	402
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC108051.	chr2	-	1.04E+08	1.04E+08	437
ENSG0000(	1.265686	0.891044	0.33494	0.83777	0.886	RP11-472B	chr4	+	39481875	39483525	1532
ENSG0000(	3.858673	0	3.4921	0.016684	0.033465	AC064834.	chr2	+	1.96E+08	1.96E+08	989
ENSG0000(	0.342542	0.654722	-0.52406	0.76557	NA	AP001630.	chr21	-	44384749	44385473	437
ENSG0000(	0	1.058552	-1.361	0.4451	NA	ELMO1-AS1	chr7	+	37037401	37053235	528
ENSG0000(	0	2.604317	-2.8535	0.070151	0.11941	CYP4F25P	chr9	+	69477881	69478916	520
ENSG0000(	0.685084	53.75658	-5.8688	3.88E-11	1.98E-10	CENPVP3	chrX	-	51360961	51361446	486
ENSG0000(	29.59856	50.59878	-0.77524	0.026233	0.050369	RP5-837J1.	chr17	+	33332107	33336762	4656
ENSG0000(	2.551911	0.891044	1.1771	0.406	0.51082	RP11-343H	chr1	-	2.07E+08	2.07E+08	433
ENSG0000(	6.971462	0	4.4055	0.000826	0.002076	INHBA-AS1	chr7	+	41733514	41818986	3005
ENSG0000(	0.705622	0	0.8807	0.6196	NA	PTPN2P2	chr13	+	31127807	31128830	1024
ENSG0000(	0	3.794791	-3.1617	0.051001	0.09052	AP001271.	chr11	-	70412492	70417428	421
ENSG0000(	0.943682	0.640152	0.39749	0.80623	NA	ATG12P2	chr2	-	2.24E+08	2.24E+08	416
ENSG0000(	7.075943	13.09523	-0.87421	0.20717	0.29688	POM121L1	chr22	-	25041133	25055114	9547
ENSG0000(	9.107238	16.96361	-0.8459	0.17324	0.25601	UBE2SP2	chr17	+	18580574	18581070	497
ENSG0000(	1.971308	0	2.4428	0.13467	0.20767	RP11-510C	chr1	-	75593515	75598743	670
ENSG0000(	0.653381	2.324288	-1.4709	0.29307	0.39506	AC107057.	chr2	-	5742637	5831620	468
ENSG0000(	10.23755	0	4.9608	8.98E-05	0.000258	AC112715.	chr2	+	2.38E+08	2.38E+08	350
ENSG0000(	18.11423	1.744828	3.222	0.000111	0.000314	AC000123.	chr7	+	1.27E+08	1.27E+08	516
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	AMMECR1-	chrX	-	1.1E+08	1.1E+08	561
ENSG0000(	8.454671	0	4.6948	0.000258	0.000697	RP11-510C	chr1	-	75595659	75598261	2203
ENSG0000(	25.8623	22.08812	0.21348	0.61893	0.7101	AC009506.	chr2	+	1.6E+08	1.6E+08	1494
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-700P	chr7	-	56372371	56373219	849
ENSG0000(	0.36308	1.66715	-1.5237	0.35755	0.46184	HCG14	chr6	+	28864307	28865099	413
ENSG0000(	0.705622	0	0.8807	0.6196	NA	UQCRHP3	chr10	+	44227782	44228032	251
ENSG0000(	1.048164	0	1.348	0.44949	NA	RP11-309L	chr7	-	1.29E+08	1.29E+08	560
ENSG0000(	5.382958	2.010288	1.3166	0.19154	0.27851	DNAJC27-A	chr2	+	25194259	25262563	4660
ENSG0000(	1.701545	0.297015	1.6662	0.28961	0.39113	RP11-416N	chr7	-	64196311	64197121	811
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	RP4-798A1	chr1	+	16847189	16848291	327
ENSG0000(	1.068702	1.66715	-0.51921	0.7284	0.79926	LINC00570	chr2	+	11534107	11543203	1330
ENSG0000(	2.479946	2.621302	-0.09667	0.93685	0.95831	SDHDP6	chr1	-	25620655	25621134	480
ENSG0000(	22.51919	0	6.1028	1.73E-07	6.63E-07	AC096559.	chr2	+	11988748	12718474	2183
ENSG0000(	32.29342	5.164927	2.5607	2.24E-06	7.75E-06	CTC-203F4.	chr5	+	1.34E+08	1.35E+08	2479
ENSG0000(	0.36308	0	0.4146	0.81455	NA	UBE2D3P4	chr13	+	84594462	84594897	436

ENSG0000(	154.5035	1.326428	6.5907	2.26E-22	2.12E-21	HOXD-AS1	chr2	-	1.77E+08	1.77E+08	4235
ENSG0000(	5.560218	13.44723	-1.2285	0.061651	0.10683	RP11-574K	chr10	+	75573276	75574495	445
ENSG0000(	0.995923	3.054271	-1.392	0.25296	0.34982	RP4-604K5	chr1	-	87409368	87410425	233
ENSG0000(	0.290301	1.043983	-0.98014	0.57012	NA	PHEX-AS1	chrX	-	22180850	22191100	1906
ENSG0000(	0.290301	0.700845	-0.56655	0.74739	NA	RP11-10L1	chr4	+	1.04E+08	1.04E+08	258
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	AL590762.	chrX	-	70534762	70535729	640
ENSG0000(	0	1.355566	-1.9006	0.26573	NA	LINC00466	chr1	-	63655660	63782902	1098
ENSG0000(	0.580602	0.297015	0.36801	0.83644	NA	RP11-371A	chr10	+	23632886	23634110	892
ENSG0000(	6.742774	4.899467	0.41902	0.61659	0.70789	RP13-228J	chrX	-	1.55E+08	1.55E+08	1329
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-359D	chr4	-	77679707	77723117	110
ENSG0000(	0.72616	0	0.85004	0.63064	NA	AC074290.	chr2	-	1.95E+08	1.95E+08	135
ENSG0000(	0.653381	1.903472	-1.178	0.43762	0.54315	AC104699.	chr2	+	25643986	25650512	414
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RPS6P8	chr6	-	74100761	74101490	730
ENSG0000(	0.36308	1.606458	-1.4912	0.36867	0.4733	RP11-262I	chr10	-	71754382	71767592	524
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	GS1-18A18	chr7	+	54624663	54639419	3031
ENSG0000(	0.342542	0.98329	-0.93492	0.58786	NA	OR2L1P	chr1	+	2.48E+08	2.48E+08	938
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC069394.	chr2	+	1.39E+08	1.39E+08	553
ENSG0000(	0.685084	1.698704	-1.002	0.5098	0.61316	AC110299.	chr2	+	2.42E+08	2.42E+08	678
ENSG0000(	0.36308	0	0.4146	0.81455	NA	MINOS1P3	chr3	-	27256307	27256509	203
ENSG0000(	1.89853	1.387121	0.38362	0.79085	0.85104	WARS2-IT1	chr1	+	1.2E+08	1.2E+08	2060
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	LINC00403	chr13	+	1.13E+08	1.13E+08	545
ENSG0000(	0.342542	3.916176	-2.7952	0.045254	0.081492	RP11-533K	chr9	+	97258557	97275161	501
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-78A1	chr10	+	1.23E+08	1.23E+08	299
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-499C	chr10	+	5037680	5039572	425
ENSG0000(	3.008307	0.997859	1.3727	0.25946	0.35738	CTA-292E1(	chr22	-	29231881	29232125	245
ENSG0000(	1.753786	2.80338	-0.56045	0.68248	0.76275	RP11-179G	chr1	-	1.6E+08	1.6E+08	886
ENSG0000(	3.080272	0	3.0721	0.048815	0.087152	AP000697.	chr21	-	38071073	38073864	339
ENSG0000(	1.919068	2.079102	-0.11061	0.93841	0.95938	AC114730.	chr2	-	2.43E+08	2.43E+08	1228
ENSG0000(	3.516131	4.91162	-0.43677	0.63827	0.72626	AC005077.	chr7	-	75747043	75761505	631
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP1-199H1	chr22	-	38970936	38971436	164
ENSG0000(	0.995923	0	1.4959	0.39264	NA	AC005014.	chr7	-	16623407	16626382	2976
ENSG0000(	26.67419	44.97491	-0.75177	0.039557	0.07268	SLC25A5-A	chrX	-	1.19E+08	1.19E+08	3062
ENSG0000(	1.08924	0	1.1858	0.50299	NA	RP11-297H	chr1	-	1.7E+08	1.7E+08	1457
ENSG0000(	36.20792	82.17828	-1.1748	0.000278	0.000748	MSL3P1	chr2	-	2.35E+08	2.35E+08	2032
ENSG0000(	0.632843	1.043983	-0.48405	0.76438	NA	AF196972.	chrX	-	48364911	48367226	653
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	RP3-326I13	chrX	+	43036243	43085847	2228
ENSG0000(	2.749709	0.700845	1.6306	0.23359	0.32724	AC087380.	chr11	-	5539671	5546185	1478
ENSG0000(	1.649304	0.654722	1.0443	0.47174	0.57637	RP11-302K	chr10	-	1.04E+08	1.04E+08	255
ENSG0000(	0.632843	6.382123	-2.8554	0.016931	0.033922	RP11-344B	chr9	+	1.32E+08	1.32E+08	583
ENSG0000(	0.72616	0	0.85004	0.63064	NA	ANKRD30B	chr21	+	14410481	14439354	3260
ENSG0000(	0.705622	3.097978	-1.6808	0.25277	0.34973	AC012317.	chr16	-	24672743	24682383	2907
ENSG0000(	0.923144	0.715414	0.27646	0.87032	NA	MCCD1P2	chr6	-	29962214	29963091	335
ENSG0000(	3.22583	6.428247	-0.92988	0.28855	0.39012	RP4-633I8.	chr1	-	8846270	8846972	703
ENSG0000(	1.555988	2.604317	-0.61566	0.62231	0.71268	RP11-479C	chr7	+	65238607	65267054	731
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-169K	chr1	+	16119291	16119780	490
ENSG0000(	1.794048	3.008147	-0.60006	0.62403	0.71431	THAP5P1	chr7	-	1.58E+08	1.58E+08	262
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC005019.	chr7	-	13893980	13898650	359
ENSG0000(	1.048164	0	1.348	0.44949	NA	AC019181.	chr2	-	1.66E+08	1.66E+08	310
ENSG0000(	0.290301	0.997859	-1.0217	0.53916	NA	GAPDHP20	chr1	-	32867710	32868716	1007
ENSG0000(	0.36308	0.686276	-0.48701	0.78478	NA	AP000357.	chr22	+	25082890	25084054	1165
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-496H	chr1	-	10114503	10114839	337
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP4-562J1:	chrX	-	1.18E+08	1.18E+08	959
ENSG0000(	0.72616	0	0.85004	0.63064	NA	AC007879.	chr2	+	2.08E+08	2.08E+08	554
ENSG0000(	17.99858	38.00533	-1.0639	0.008953	0.01899	RP3-486L4	chr6	+	88410228	88411243	413
ENSG0000(	0.975385	0	1.2767	0.47406	NA	RP11-306K	chr1	-	2.41E+08	2.41E+08	303
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-462G	chr6	-	71122531	71123653	349
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	MTND2P5	chr7	-	1.42E+08	1.42E+08	1006
ENSG0000(	3.64115	2.993578	0.26091	0.78461	0.84578	RP11-151A	chr13	-	1.01E+08	1.01E+08	2372
ENSG0000(	1.306762	2.652857	-0.82099	0.56016	0.65886	RP11-466F	chr1	+	1.66E+08	1.66E+08	2150
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-467I2	chr1	+	2.41E+08	2.41E+08	354
ENSG0000(	1.016461	0	1.3167	0.46021	NA	AC011239.	chr2	-	23729913	23747214	584
ENSG0000(	0.653381	1.545765	-0.93073	0.5518	0.65135	RP11-289H	chr1	-	1.44E+08	1.44E+08	2175
ENSG0000(	11.83722	0.640152	3.7382	0.00038	0.001002	OACYLP	chr18	+	56663966	56736570	2208
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP1-32B1.4	chr6	+	1.36E+08	1.36E+08	216
ENSG0000(	23.38317	12.26005	0.893	0.12449	0.19468	AC017104.	chr2	+	2.32E+08	2.32E+08	1313

ENSG0000(	1.265686	0	1.6147	0.36215	NA	LINC00703	chr10	+	4426438	4452804	2390
ENSG0000(	1.919068	1.949596	-0.01415	0.99051	0.99515	C17orf72	chr17	+	62075711	62081664	3127
ENSG0000(	4.697874	19.4587	-1.9378	0.006182	0.01353	RP3-417O2	chr6	+	97233013	97243697	481
ENSG0000(	1.681007	0	2.1857	0.19206	NA	RP3-395M2	chr1	-	2423739	2424697	455
ENSG0000(	1.338465	1.949596	-0.4781	0.70486	0.78064	BACE2-IT1	chr21	+	42552024	42552553	382
ENSG0000(	1.08924	0.891044	0.14492	0.93391	0.95662	C4B	chr6	+	31982539	32003195	5460
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	AC073321.	chr2	-	2.17E+08	2.17E+08	1184
ENSG0000(	1.265686	0.357707	1.2256	0.46821	NA	GPC6-AS2	chr13	-	94470677	94488397	587
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-290F	chr20	+	48884023	48896332	2010
ENSG0000(	1.701545	2.338857	-0.4153	0.72298	0.79507	RPL7P57	chrX	-	47700362	47701101	740
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-114B	chr1	-	33183335	33190838	395
ENSG0000(	6.825904	12.94303	-0.88562	0.15083	0.22821	RP11-1033	chr11	-	27910385	27912580	2196
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	RP11-351C	chr10	+	65249221	65249398	178
ENSG0000(	9.815466	1.326428	2.597	0.014696	0.029822	AP001476.	chr21	+	47456966	47459721	2198
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	AC010886.	chr2	+	2.19E+08	2.19E+08	2869
ENSG0000(	2.105701	1.294874	0.54418	0.6948	0.77231	RPL19P12	chr7	-	1.03E+08	1.03E+08	591
ENSG0000(	1.161205	0	1.2509	0.47995	NA	RP11-503C	chr6	-	1.69E+08	1.69E+08	445
ENSG0000(	2.883288	4.481067	-0.56274	0.62087	0.71157	STK24-AS1	chr13	+	99229498	99231084	1278
ENSG0000(	10.6118	51.66854	-2.2242	1.28E-05	4.07E-05	ADM5	chr19	+	50191921	50193832	1718
ENSG0000(	0.705622	1.638012	-0.99792	0.491	0.59505	ATP5J2LP	chr21	-	37761176	37761410	235
ENSG0000(	3.899749	13.02159	-1.6403	0.044199	0.079886	PRKAR2A-A	chr3	+	48885005	48889414	3447
ENSG0000(	3.713929	5.811527	-0.60344	0.49697	0.6007	LINC00422	chr13	-	21877651	21922860	1178
ENSG0000(	2.209369	0.951736	0.99549	0.46105	0.56628	MKRN5P	chrX	-	73380897	73382363	1467
ENSG0000(	8.259478	0.715414	3.0879	0.010759	0.022461	AC063976.	chr5	+	1.32E+08	1.32E+08	3556
ENSG0000(	0	3.290593	-3.2571	0.028994	0.055057	RP11-284L	chr1	-	2.32E+08	2.32E+08	237
ENSG0000(	0.290301	0.686276	-0.47648	0.78935	NA	PIGUP1	chr9	-	73531913	73532417	505
ENSG0000(	0	1.66715	-1.9695	0.25993	NA	AC068831.	chr15	-	91475816	91478360	367
ENSG0000(	1.265686	0	1.6147	0.36215	NA	AC017035.	chr2	-	1.98E+08	1.98E+08	1115
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC006509.	chr2	+	47932607	47933118	395
ENSG0000(	1.89853	2.399549	-0.26134	0.83392	0.8832	GS1-259H1	chr7	-	99235865	99236390	526
ENSG0000(	3.144492	1.234181	1.0549	0.45114	0.55674	ATP5F1P1	chr13	+	52172552	52173596	569
ENSG0000(	3.391925	0.594029	1.9441	0.1674	0.24881	RSL24D1P6	chr20	-	30758193	30758593	401
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-169K	chr1	-	16066546	16076391	639
ENSG0000(	7.790125	5.323571	0.49954	0.54676	0.64697	RP11-439L	chr6	-	1.43E+08	1.43E+08	402
ENSG0000(	0.995923	1.430828	-0.37089	0.81207	0.86784	PGAM1P6	chr2	-	24095138	24095884	747
ENSG0000(	0.870904	0	1.046	0.5544	NA	AC009313.	chr2	-	1.62E+08	1.62E+08	503
ENSG0000(	13.58922	4.49322	1.5098	0.03359	0.062778	RP11-181K	chr1	+	1.83E+08	1.83E+08	524
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC009517.	chr7	+	1.37E+08	1.37E+08	570
ENSG0000(	936.104	877.3724	0.093813	0.52889	0.6304	ATXN1L	chr16	+	71879894	71891231	7881
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-522L	chrX	+	1.02E+08	1.02E+08	321
ENSG0000(	20.72596	8.034704	1.3139	0.023978	0.046456	AL355490.	chr10	-	99179228	99185831	236
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RPL36P16	chr19	+	41675766	41676071	306
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-13P5	chr6	+	1.6E+08	1.6E+08	845
ENSG0000(	1.379541	0.715414	0.65696	0.69225	0.77062	AC136289.	chr3	-	63727969	63813121	1843
ENSG0000(	1.213446	3.731683	-1.3479	0.29248	0.39434	RP11-495P	chr1	+	1.48E+08	1.48E+08	1331
ENSG0000(	0.943682	0.700845	0.33849	0.83415	NA	RP11-492A	chr9	-	17447143	17448541	1399
ENSG0000(	3.205292	2.696564	0.24913	0.80624	0.86301	AC010127.	chr2	+	1.67E+08	1.67E+08	2260
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-87O1	chr1	+	75987247	75987916	670
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-328K	chr10	+	79073699	79075452	418
ENSG0000(	0	1.294874	-1.8547	0.27869	NA	AC104438.	chr3	+	65573177	65573725	545
ENSG0000(	3.910914	0.997859	1.7402	0.13127	0.20334	AC002117.	chr17	-	43227767	43238877	570
ENSG0000(	0	14.41999	-5.4745	5.79E-06	1.91E-05	RP1-293L8	chr6	+	1.26E+08	1.26E+08	843
ENSG0000(	0.36308	4.181636	-2.8932	0.036115	0.067021	AC010884.	chr2	-	1.06E+08	1.06E+08	472
ENSG0000(	0.290301	0.700845	-0.56655	0.74739	NA	LINC00365	chr13	-	30677315	30683012	2618
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC109309.	chr11	+	3247291	3254068	435
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	LINC00620	chr3	+	13692196	13788132	994
ENSG0000(	0.36308	1.387121	-1.2869	0.44679	NA	KRT8P45	chr1	+	1.57E+08	1.57E+08	1447
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	AC093698.	chr2	-	2.09E+08	2.09E+08	1078
ENSG0000(	1.048164	0	1.348	0.44949	NA	PPIAP10	chr20	+	52037738	52038195	458
ENSG0000(	551.8168	245.3176	1.1663	1.10E-12	6.23E-12	SMIM13	chr6	+	11094266	11138964	4686
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	TMLHE-AS1	chrX	+	1.55E+08	1.55E+08	1702
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-385N	chr1	+	2.09E+08	2.09E+08	1224
ENSG0000(	1.317927	1.591889	-0.23392	0.86657	0.90708	AP001439.	chr21	+	27530409	27548142	392
ENSG0000(	46.41458	41.49491	0.1584	0.6821	0.76243	AC012318.	chr19	+	14599758	14600691	934
ENSG0000(	0	2.993578	-3.1081	0.040328	0.073907	AC008264.	chr7	+	1.31E+08	1.31E+08	367

ENSG0000(	23.95277	67.56897	-1.4726	0.000297	0.000795	EIF4BP3	chr9	+	98908289	98910138	1850
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC023669.	chr7	+	46184535	46185286	752
ENSG0000(	0.342542	0.937167	-0.89746	0.60352	NA	HMGB3P21	chr7	-	96764327	96764873	547
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC008065.	chr2	-	1.72E+08	1.72E+08	348
ENSG0000(	0	717.446	-10.75	8.73E-24	8.70E-23	HLA-DPB2	chr6	+	33080228	33102442	1617
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP1-148H1	chr20	-	46020673	46041071	750
ENSG0000(	1.027626	1.248751	-0.21406	0.89642	0.92822	FAM96AP2	chr1	-	2.28E+08	2.28E+08	477
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AC096669.	chr2	+	1.08E+08	1.08E+08	1539
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-430H	chr1	-	66041812	66044063	1797
ENSG0000(	7.35508	5.257174	0.4511	0.5536	0.65294	COL18A1-A	chr21	-	46827301	46829980	552
ENSG0000(	3.341476	0	3.1553	0.042403	0.077131	AC017048.	chr2	+	1.78E+08	1.78E+08	699
ENSG0000(	156.3601	322.2854	-1.0441	2.40E-10	1.16E-09	CTD-2119F	chr16	+	51679667	51681043	1377
ENSG0000(	1.213446	1.043983	0.20268	0.89556	0.92753	AC012314.	chr19	-	54712960	54713286	327
ENSG0000(	0.632843	0.594029	0.039277	0.98194	NA	RP11-365D	chr1	-	2.15E+08	2.15E+08	439
ENSG0000(	1.576526	27.67877	-3.8343	8.31E-06	2.70E-05	RP5-884C9	chr1	+	38512986	38584697	593
ENSG0000(	0	6.313309	-4.2391	0.001701	0.004072	RP11-30B1	chr7	+	3377521	3378233	601
ENSG0000(	6.795015	0.297015	3.5781	0.006099	0.01336	RPL29P19	chr8	+	49297150	49297609	460
ENSG0000(	13.80853	4.028697	1.6484	0.039793	0.073042	ZMIZ1-AS1	chr10	-	80703085	80827652	2878
ENSG0000(	71.12423	40.84181	0.79669	0.006843	0.014841	PTCHD3P1	chr10	+	29698331	29776674	2025
ENSG0000(	3.475055	2.338857	0.53638	0.61371	0.70578	RPS5P2	chr21	-	35507732	35508371	640
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	RP11-470E	chr1	-	59597608	59664293	1111
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	RP11-153F	chr1	-	1.04E+08	1.04E+08	527
ENSG0000(	7.241225	9.003425	-0.31397	0.64629	0.7328	AC124944.	chr3	+	1.96E+08	1.96E+08	2096
ENSG0000(	8.768115	3.731683	1.1108	0.23333	0.32698	RP11-305E	chr1	-	1.01E+08	1.01E+08	423
ENSG0000(	0.705622	0.700845	0.003311	0.99841	NA	AC096921.	chr3	-	30667915	30668289	375
ENSG0000(	2.729171	1.234181	0.91784	0.48451	0.58859	RP11-276H	chr1	+	16485761	16488378	544
ENSG0000(	0.290301	0	0.4146	0.81455	NA	TUBB8P6	chr1	+	2.42E+08	2.42E+08	1288
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP5-854E1	chr20	-	29873120	29874638	1519
ENSG0000(	1.359003	4.726253	-1.5696	0.19356	0.28103	RP5-1142J	chr7	-	1.57E+08	1.57E+08	208
ENSG0000(	26.19547	54.04876	-1.0411	0.001778	0.004242	RP11-51O6	chr16	-	61089303	61089868	566
ENSG0000(	4.035933	10.26346	-1.2932	0.092339	0.15112	RP4-564F2	chr20	-	37034658	37045444	2004
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	AC019129.	chr2	+	44393405	44394082	678
ENSG0000(	0.705622	2.056411	-1.2605	0.37392	0.47828	AC106900.	chr2	-	1.75E+08	1.75E+08	456
ENSG0000(	0.342542	0.654722	-0.52406	0.76557	NA	RP11-16L2	chr9	+	1.14E+08	1.14E+08	302
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC007387.	chr2	-	74981797	74981946	150
ENSG0000(	0.36308	5.405281	-3.1402	0.02493	0.048143	AC026954.	chr17	+	7233771	7238732	1293
ENSG0000(	0.72616	0.297015	0.51367	0.77334	NA	RP11-397D	chr9	-	37383175	37384431	243
ENSG0000(	4.99078	0	3.8527	0.006518	0.014193	RP11-631F	chr6	-	1.49E+08	1.49E+08	311
ENSG0000(	97.07048	26.07056	1.8879	1.44E-09	6.56E-09	SH3BP5-AS	chr3	+	15295691	15306000	5570
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	ATP6V1G1I	chr9	+	1.4E+08	1.4E+08	280
ENSG0000(	0	10.29904	-4.9021	0.000168	0.000466	RPL36AP53	chrX	+	1.14E+08	1.14E+08	316
ENSG0000(	1.95077	0.686276	1.0922	0.49529	0.59912	AC013470.	chr7	+	12545633	12547104	462
ENSG0000(	0.632843	0.343138	0.49756	0.77728	NA	IPO8P1	chr1	-	2.11E+08	2.11E+08	3109
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC068135.	chr2	+	1.95E+08	1.95E+08	246
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-335C	chr1	-	2.03E+08	2.03E+08	741
ENSG0000(	0	2.324288	-2.6717	0.096097	0.15624	AC009227.	chr2	-	1.55E+08	1.55E+08	2362
ENSG0000(	4.657611	1.949596	1.13	0.26466	0.36311	AC011330.	chr15	+	43941321	43941478	158
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	GAPDHP46	chr1	-	92580360	92581353	994
ENSG0000(	5.53968	3.368271	0.68086	0.45276	0.55823	PLA2G12AI	chr1	+	52834349	52834916	568
ENSG0000(	0.36308	3.792375	-2.6994	0.061664	0.10684	SOCS5P2	chr9	+	1.38E+08	1.38E+08	1359
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC073629.	chr7	+	16248570	16248890	321
ENSG0000(	3.838135	9.156365	-1.1796	0.12305	0.19287	RASAL2-AS1	chr1	-	1.78E+08	1.78E+08	2329
ENSG0000(	0.685084	0	0.85004	0.63064	NA	KB-1592A4	chr22	-	21495913	21496660	748
ENSG0000(	0	2.027273	-2.4385	0.13903	0.2127	ZNF812	chr19	-	9800600	9811452	2098
ENSG0000(	0.290301	0	0.4146	0.81455	NA	UBE2D3P3	chr1	+	1.51E+08	1.51E+08	425
ENSG0000(	6.025174	0.98329	2.1796	0.097299	0.15784	GS1-174L6	chr1	-	1.86E+08	1.86E+08	353
ENSG0000(	3.362014	8.542934	-1.256	0.17796	0.26171	LAMTOR5-A	chr1	+	1.11E+08	1.11E+08	881
ENSG0000(	5.185973	0.343138	3.166	0.019855	0.039224	RP11-697E	chr11	-	1.32E+08	1.32E+08	577
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RPS17P13	chr7	+	37156384	37156790	407
ENSG0000(	3.04001	3.916176	-0.35429	0.71549	0.78917	E2F3-IT1	chr6	+	20438052	20440409	400
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	OR11M1P	chr12	+	49021671	49022565	895
ENSG0000(	4.657611	3.884622	0.22887	0.79614	0.85538	RP11-719K	chr16	+	14802801	14820195	1155
ENSG0000(	9.233071	0.297015	4.0473	0.001003	0.002487	AC025165.	chr12	-	58005901	58013421	2355
ENSG0000(	0	2.436809	-2.4534	0.15276	0.23056	RP11-179K	chr10	-	66662885	66684276	581
ENSG0000(	0.36308	2.976593	-2.239	0.15343	0.23141	CITF22-49D	chr22	+	47741319	47769291	4364

ENSG0000(	0.36308	54.34906	-6.4785	6.11E-10	2.87E-09	RP11-576D	chr1	+	2.05E+08	2.05E+08	2885
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	AC007182.	chr14	-	76041231	76045931	2159
ENSG0000(	0.290301	2.041842	-1.9077	0.21643	0.30763	RP11-255B	chr8	-	1.28E+08	1.28E+08	1248
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CEP57L1P1	chr10	+	72149182	72150382	1201
ENSG0000(	7.16926	0.594029	3.0006	0.012571	0.025887	FCF1P7	chr1	-	2.43E+08	2.43E+08	558
ENSG0000(	6.980021	6.512372	0.11983	0.88434	0.91933	AC090945.	chr3	+	15919554	15921078	1525
ENSG0000(	14.4721	36.7065	-1.2952	0.064961	0.11179	PCOLCE-AS	chr7	-	1E+08	1E+08	2537
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	AC016716.	chr2	-	80255138	80257677	486
ENSG0000(	0	1.698704	-2.2257	0.18075	NA	RP1-86D1.	chr6	+	1.29E+08	1.29E+08	549
ENSG0000(	8.651655	13.84623	-0.6449	0.29659	0.39867	AC099850.	chr17	+	57183959	57195628	1338
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	AC016735.	chr2	-	43228495	43233200	237
ENSG0000(	0.290301	2.307303	-2.0824	0.16959	0.25149	TEX26-AS1	chr13	-	31456070	31507983	2053
ENSG0000(	5.53968	4.378283	0.33171	0.69971	0.77633	RP11-380G	chr10	+	89638449	89640184	499
ENSG0000(	0.995923	0.654722	0.44529	0.7735	NA	AC015987.	chr7	+	1.36E+08	1.36E+08	804
ENSG0000(	2.843026	4.392852	-0.56798	0.62892	0.7186	AP001065.	chr21	-	45889812	45892399	1113
ENSG0000(	0.923144	0	1.223	0.49292	NA	RP11-94M	chr10	+	92213927	92262725	2368
ENSG0000(	2.946693	0.951736	1.3469	0.30232	0.40358	SHMT1P1	chr1	-	44315972	44317283	1312
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	VN1R21P	chr3	-	14130607	14131371	765
ENSG0000(	1.608228	2.367995	-0.45497	0.72265	0.79477	FDPSP8	chr1	-	2.12E+08	2.12E+08	1089
ENSG0000(	1.597063	0.640152	0.98039	0.52475	0.62681	RP11-54O1	chr9	-	97690833	97697228	487
ENSG0000(	0.36308	14.26946	-4.631	7.51E-05	0.000217	RP1-137H1	chrX	-	1.37E+08	1.37E+08	586
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC069213.	chr3	+	1.95E+08	1.95E+08	1680
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	HSPA8P7	chrX	-	1.14E+08	1.14E+08	1948
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	BRAFP1	chrX	+	74802511	74805341	2703
ENSG0000(	3.298608	2.321872	0.44851	0.69485	0.77231	CETN4P	chr4	-	1.24E+08	1.24E+08	469
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC012363.	chr2	-	1.21E+08	1.21E+08	575
ENSG0000(	0.923144	3.512346	-1.6046	0.20712	0.29682	AP000704.	chr21	+	38338812	38344128	438
ENSG0000(	2.583614	0.297015	2.1045	0.18758	0.27359	RP3-333H2	chr22	+	39688993	39691568	1778
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	RP11-57C1	chr9	-	1.34E+08	1.34E+08	265
ENSG0000(	0.580602	3.246886	-1.8248	0.22904	0.32222	RP11-445C	chrX	+	56999943	57001229	644
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-235D	chr1	-	1.51E+08	1.51E+08	448
ENSG0000(	0.342542	0.654722	-0.52406	0.76557	NA	TUBB4BP2	chr9	-	34109169	34109966	798
ENSG0000(	0.36308	0.951736	-0.91212	0.59701	NA	LINC00853	chr1	+	47644922	47646011	661
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	ARL5AP4	chr22	+	25082135	25082646	512
ENSG0000(	0.995923	0	1.4959	0.39264	NA	DUX4L9	chr4	-	1.91E+08	1.91E+08	1259
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	SRGAP3-AS	chr3	+	9055807	9057663	428
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-538D	chr1	-	1.82E+08	1.82E+08	2463
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	TMEM72-A	chr10	-	45306472	45455137	3300
ENSG0000(	44.71043	19.23049	1.197	0.002584	0.006015	RP11-134G	chr1	-	2.01E+08	2.01E+08	598
ENSG0000(	24.28659	4.049714	2.4706	0.001055	0.002606	COL4A2-AS	chr13	-	1.11E+08	1.11E+08	1522
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	THRB-IT1	chr3	-	24496627	24500925	1754
ENSG0000(	0	45.44842	-7.0851	2.33E-10	1.13E-09	RP11-171A	chr9	-	77100467	77114043	1178
ENSG0000(	13.08318	14.25248	-0.12805	0.81327	0.86882	RP11-651P	chr3	-	1.5E+08	1.5E+08	1131
ENSG0000(	4.326234	22.18681	-2.2958	0.00016	0.000445	GCSHP5	chr1	-	1.68E+08	1.68E+08	522
ENSG0000(	0.632843	0.297015	0.49183	0.78024	NA	AC093698.	chr2	-	2.09E+08	2.09E+08	498
ENSG0000(	1.45232	9.058413	-2.4106	0.027906	0.053259	RP11-123K	chr9	-	1.29E+08	1.29E+08	506
ENSG0000(	1.794862	5.401249	-1.4478	0.20972	0.29975	LINC00240	chr6	+	26988232	26991703	507
ENSG0000(	0.580602	0.343138	0.37443	0.8337	NA	AC107079.	chr2	-	2.38E+08	2.38E+08	669
ENSG0000(	0.705622	1.248751	-0.63959	0.68663	0.76619	RP1-90J20.	chr6	-	2989960	2999368	413
ENSG0000(	2.645227	14.69927	-2.3543	0.003155	0.00725	RP11-535M	chr9	+	99449338	99483403	425
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC108051.	chr2	+	1.04E+08	1.04E+08	478
ENSG0000(	0.342542	0	0.4146	0.81455	NA	C9orf53	chr9	+	21967137	21967738	602
ENSG0000(	1.971308	0.891044	0.85363	0.56108	0.65963	OPA1-AS1	chr3	-	1.93E+08	1.93E+08	492
ENSG0000(	0.653381	0.951736	-0.39511	0.8072	NA	RP4-796I1.	chr22	+	44352907	44353228	322
ENSG0000(	0.290301	0.654722	-0.51764	0.76892	NA	AL592494.	chr1	-	1.21E+08	1.21E+08	426
ENSG0000(	20.04169	23.00817	-0.19326	0.71177	0.78613	RPL29P11	chr3	-	37058011	37058505	492
ENSG0000(	67.7315	101.1044	-0.57584	0.021766	0.042608	YBX1P1	chr14	-	66479548	66480507	960
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	RP5-1109J.	chr1	-	46912345	46915376	1129
ENSG0000(	1.048164	6.734125	-2.4322	0.026059	0.050079	CTC-260E6.	chr19	+	20235248	20236293	483
ENSG0000(	1.317927	0	1.6383	0.35541	NA	AC009518.	chr7	+	1.32E+08	1.32E+08	1229
ENSG0000(	276.0645	400.0906	-0.53239	0.001134	0.00279	RP4-758J1.	chr1	+	1334902	1337426	2228
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	XX-FW810(	chrX	+	1.49E+08	1.49E+08	578
ENSG0000(	0.290301	0.640152	-0.50256	0.77558	NA	AC083949.	chr2	-	42370378	42397441	657
ENSG0000(	649.2879	575.8956	0.17194	0.32402	0.42696	C17orf89	chr17	+	79213039	79215081	741
ENSG0000(	5.71694	3.497777	0.62639	0.53158	0.63287	IKBKGP1	chrX	-	1.54E+08	1.54E+08	1075

ENSG0000(	0	0.640152	-0.82869	0.63935	NA	CTA-250D1	chr22	-	42377308	42378221	515
ENSG0000(	4.604557	4.709268	-0.00074	0.9994	0.99973	TSSC1-IT1	chr2	-	3302112	3305236	718
ENSG0000(	43.84213	21.44313	1.0061	0.041539	0.075746	BEND3P3	chr10	-	81444248	81444739	492
ENSG0000(	7.999088	1.684135	2.0834	0.027746	0.052991	RP5-1142A	chr16	+	88797588	88807826	4521
ENSG0000(	0.342542	0.654722	-0.52406	0.76557	NA	AC007899.	chr2	+	37375673	37376447	775
ENSG0000(	1.016461	2.185918	-0.93062	0.50105	0.60472	RPS4XP16	chr13	+	52028300	52035451	807
ENSG0000(	2.665765	1.294874	0.88416	0.46741	0.57228	VPS26BP1	chr3	-	48001817	48002571	755
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	SIGLEC30P	chr1	+	1.7E+08	1.7E+08	941
ENSG0000(	7.480099	17.18536	-1.1859	0.044563	0.080438	RP11-3B12	chr7	+	1.25E+08	1.25E+08	3252
ENSG0000(	0.290301	2.618886	-2.1293	0.18113	0.26572	RP11-3B12	chr7	-	1.25E+08	1.25E+08	600
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-448G	chr1	+	1.98E+08	1.98E+08	247
ENSG0000(	0.290301	0.594029	-0.38058	0.83094	NA	AC005534.	chr7	-	1.56E+08	1.56E+08	742
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP5-934G1	chr1	+	11937827	11940463	2637
ENSG0000(	45.67546	43.80471	0.058818	0.84548	0.8916	AP001347.	chr21	+	15399742	15516789	1332
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC002115.	chr19	+	36088809	36092403	362
ENSG0000(	135.669	107.6717	0.32984	0.17613	0.25956	LINC00863	chr10	+	89102493	89117639	3287
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	LINC00320	chr21	-	22114908	22175534	2004
ENSG0000(	0	4.943174	-3.8842	0.005303	0.011756	KRT8P30	chr2	-	2.2E+08	2.2E+08	650
ENSG0000(	0.342542	0	0.4146	0.81455	NA	LINC00162	chr21	-	46419122	46424642	734
ENSG0000(	0.36308	0.654722	-0.52647	0.7643	NA	AC107399.	chr4	-	1.18E+08	1.18E+08	735
ENSG0000(	13.13543	22.88766	-0.79433	0.11832	0.18673	RP11-441C	chr10	+	1.01E+08	1.01E+08	666
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-74C3	chr9	-	12098660	12159147	561
ENSG0000(	0.653381	0	0.82678	0.64037	NA	LINC00184	chr1	+	2.35E+08	2.35E+08	2270
ENSG0000(	3.060548	24.48767	-2.9232	1.10E-05	3.50E-05	PRRT4	chr7	-	1.28E+08	1.28E+08	3544
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-180D	chr1	+	1.59E+08	1.59E+08	853
ENSG0000(	35.32145	60.52387	-0.76589	0.012159	0.025113	RP11-82L1	chr9	-	91703519	91724849	585
ENSG0000(	5.799092	0.297015	3.3461	0.012425	0.02561	RP5-1086K	chr1	-	1.17E+08	1.17E+08	2295
ENSG0000(	0.632843	0	0.81931	0.64303	NA	RP11-32I2.	chr9	-	28598666	28599290	625
ENSG0000(	32.89375	45.79069	-0.46952	0.15734	0.23656	RP11-206L	chr1	-	661611	663527	1236
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	AC090044.	chr3	+	577914	887698	3948
ENSG0000(	9.233071	0	4.8298	0.000135	0.000378	AC017002.	chr2	-	1.12E+08	1.12E+08	881
ENSG0000(	0.943682	0.297015	0.89158	0.60669	NA	U82695.9	chrX	+	1.53E+08	1.53E+08	700
ENSG0000(	0.705622	0	0.8807	0.6196	NA	KCNC4-AS1	chr1	-	1.11E+08	1.11E+08	748
ENSG0000(	0.290301	0.700845	-0.56655	0.74739	NA	AC009303.	chr2	-	1.19E+08	1.19E+08	352
ENSG0000(	1.887365	0.297015	1.7078	0.2989	0.40066	RP11-54O7	chr1	-	947377	948573	471
ENSG0000(	0.632843	0	0.81931	0.64303	NA	SUMO2P3	chr7	+	55799837	55800124	288
ENSG0000(	0.72616	9.828071	-3.4033	0.0023	0.005389	CTA-282F2.	chr22	+	34121000	34146830	2618
ENSG0000(	45.7295	28.59237	0.67448	0.049265	0.08784	INE1	chrX	+	47064320	47065264	945
ENSG0000(	0.995923	1.71569	-0.58282	0.70597	0.78152	RP11-160H	chr1	+	1.74E+08	1.74E+08	335
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-377K	chr1	-	57051285	57051915	433
ENSG0000(	0	1.355566	-1.9006	0.26573	NA	TMEM233	chr12	+	1.2E+08	1.2E+08	1573
ENSG0000(	0	1.234181	-1.5727	0.37581	NA	RP11-524H	chr6	-	54704916	54705653	586
ENSG0000(	0.632843	1.355566	-0.81587	0.58613	0.68179	RP11-297K	chr1	-	1.61E+08	1.61E+08	379
ENSG0000(	0.342542	0	0.4146	0.81455	NA	PPP1R8P1	chr1	-	48790752	48791795	1044
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP1-191J1	chr6	-	1.08E+08	1.08E+08	274
ENSG0000(	0.580602	0.715414	-0.13184	0.94086	NA	RP11-409K	chr9	-	1.33E+08	1.33E+08	341
ENSG0000(	1.814586	1.66715	0.12136	0.93309	0.95614	RP11-295G	chr9	-	1.36E+08	1.36E+08	531
ENSG0000(	0.36308	0.715414	-0.51558	0.77246	NA	CTD-2210P	chr5	-	43666867	43667334	468
ENSG0000(	18.74707	20.78351	-0.15163	0.7637	0.82851	AL049840.	chr14	+	1.04E+08	1.04E+08	1543
ENSG0000(	0.870904	0	1.046	0.5544	NA	AC000067.	chr22	+	19654546	19655078	287
ENSG0000(	0	18.51179	-5.8426	6.65E-07	2.41E-06	AC006509.	chr2	+	47922955	47984932	725
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-810H	chr1	-	29814705	29823405	349
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	KCTD9P1	chr17	+	20015137	20016303	1167
ENSG0000(	0.580602	1.012429	-0.48451	0.77505	NA	AP004289.	chr8	-	1E+08	1E+08	2205
ENSG0000(	3.309773	4.256898	-0.34088	0.72065	0.79332	UBE2D3P1	chr20	-	5273034	5273477	444
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AC091492.	chr3	+	12369502	12369773	272
ENSG0000(	3.338871	1.40169	1.0515	0.44872	0.55412	RP11-330N	chr1	+	48283738	48285909	1807
ENSG0000(	1.991846	2.087966	-0.04311	0.9728	0.98486	RP4-784A1	chr1	-	53757463	53757810	237
ENSG0000(	14.77275	26.38544	-0.82357	0.058224	0.10173	EIF4BP7	chrX	-	1.11E+08	1.11E+08	1813
ENSG0000(	27.06539	18.61303	0.5143	0.32317	0.42608	RP11-228B	chr9	+	1.31E+08	1.31E+08	2055
ENSG0000(	2.822488	4.198622	-0.53456	0.6416	0.72856	EIF1AX-AS1	chrX	+	20158086	20158562	378
ENSG0000(	1.286224	2.07098	-0.55275	0.66839	0.75105	RP11-223E	chr13	-	30993656	30996374	448
ENSG0000(	0.653381	0	0.82678	0.64037	NA	RPL18AP2	chr21	-	47840467	47840948	482
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AC068279.	chr2	-	87586177	87586367	189
ENSG0000(	2.624689	2.217472	0.19643	0.86739	0.90758	HMGB3P22	chr5	+	1.79E+08	1.79E+08	597

ENSG0000(	1.338465	0.594029	0.81007	0.6065	0.6996	AC096574.	chr2	+	2.39E+08	2.39E+08	2509
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC021016.	chr2	-	2.19E+08	2.19E+08	529
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-383C	chr1	-	2.05E+08	2.05E+08	686
ENSG0000(	0.290301	0.715414	-0.50514	0.77701	NA	GS1-184P1	chrX	-	24447690	24448037	348
ENSG0000(	1.669842	2.102535	-0.25915	0.85347	0.89706	RP11-426L	chr1	-	1.13E+08	1.13E+08	449
ENSG0000(	1.265686	1.874334	-0.45301	0.75221	0.81899	WWC3-AS1	chrX	-	9992882	10006694	578
ENSG0000(	1.338465	186.9925	-6.8608	3.29E-24	3.34E-23	LINC00337	chr1	+	6296300	6299504	1302
ENSG0000(	2.467967	2.901332	-0.18843	0.87645	0.91421	PFN1P4	chr1	+	1.48E+08	1.48E+08	402
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	DAP3P1	chr1	+	1.56E+08	1.56E+08	278
ENSG0000(	0	9.187919	-4.8144	0.00016	0.000444	GRTP1-AS1	chr13	+	1.14E+08	1.14E+08	867
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	AL450226.	chr17	+	2135974	2136904	710
ENSG0000(	0	16.4821	-5.6761	1.78E-06	6.21E-06	RP4-660H1	chr1	-	73214604	73364823	499
ENSG0000(	1.649304	3.991438	-1.1503	0.27546	0.37557	SNORA71A	chr20	-	37055949	37056086	138
ENSG0000(	1.431782	0.997859	0.38378	0.79292	0.85287	RP11-405C	chr6	+	7183316	7185520	1676
ENSG0000(	0.653381	0	0.82678	0.64037	NA	RPL3P7	chr6	-	1.08E+08	1.08E+08	1212
ENSG0000(	3.423628	1.698704	0.89957	0.42049	0.52593	SETP20	chr4	-	1.1E+08	1.1E+08	852
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	XXbac-BPG	chr6	+	58291908	58298496	301
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	BCRP1	chr22	-	24655897	24659732	691
ENSG0000(	0.72616	0.715414	0.009201	0.99586	NA	OR52K3P	chr11	+	4496043	4497123	943
ENSG0000(	3.153865	0	3.0631	0.050356	0.089485	RP11-429E	chr20	-	60313275	60330112	937
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	LL0XNC01-	chrX	-	1.53E+08	1.53E+08	1960
ENSG0000(	1.306762	1.029414	0.2508	0.8777	0.91481	AC083900.	chr2	-	2.09E+08	2.09E+08	469
ENSG0000(	7.843179	0.297015	3.7798	0.003181	0.007305	RP11-295P	chr10	+	13752415	13754054	373
ENSG0000(	7.023703	8.403691	-0.24893	0.72493	0.79645	RP5-1160K	chr1	+	1.1E+08	1.1E+08	596
ENSG0000(	0.290301	2.993578	-2.4591	0.088043	0.14506	ARSDP1	chrY	+	14474827	14499123	1215
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-477L	chr10	-	94637849	94638046	198
ENSG0000(	1.991846	4.320007	-1.0218	0.31188	0.41397	AL133216.	chr10	+	38717074	38736820	992
ENSG0000(	0.653381	2.056411	-1.3069	0.3572	0.46156	RP11-255A	chr9	-	33574359	33574586	228
ENSG0000(	3.060548	2.558194	0.20484	0.85923	0.90132	RANP4	chrX	-	1.36E+08	1.36E+08	655
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP4-549F1	chr1	-	7501156	7501614	361
ENSG0000(	0	36.63432	-6.7974	1.44E-09	6.57E-09	LINC00237	chr20	-	21068245	21086999	1220
ENSG0000(	0.36308	0	0.4146	0.81455	NA	PSME2P2	chr13	+	49345264	49345965	700
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	MORF4L1P	chr13	-	41773968	41774943	976
ENSG0000(	39.89854	12.23977	1.6776	7.48E-05	0.000216	RP11-361F	chr6	+	1.48E+08	1.48E+08	1477
ENSG0000(	9.48311	7.129091	0.37506	0.59248	0.68735	DYNC1I2P1	chr10	+	52024738	52026575	1838
ENSG0000(	116.4228	174.1282	-0.58018	0.024846	0.048001	CTD-2228K	chr5	+	478238	480999	2762
ENSG0000(	3.04001	2.146242	0.42958	0.75144	0.81836	RP11-809C	chr10	+	674578	677195	1657
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC073957.	chr7	+	1068661	1083527	535
ENSG0000(	233.8771	554.1676	-1.24	1.90E-09	8.55E-09	AC103965.	chr15	-	84867600	84898888	4253
ENSG0000(	0	2.382564	-2.4485	0.15134	0.22879	RP11-338C	chr10	-	1.25E+08	1.25E+08	416
ENSG0000(	0	5.863356	-4.0782	0.003552	0.008095	AC012354.	chr2	+	45181803	45195901	2685
ENSG0000(	0.685084	0	0.85004	0.63064	NA	AC005779.	chr19	-	45687584	45688190	303
ENSG0000(	1.742621	10.25862	-2.3883	0.013626	0.027851	NPM1P39	chr1	+	27533421	27534287	867
ENSG0000(	3.185568	1.370136	0.98494	0.48006	0.58426	LINC00618	chr14	+	97409916	97411731	448
ENSG0000(	0.290301	0	0.4146	0.81455	NA	CTD-2538A	chr5	+	94775748	94776391	644
ENSG0000(	2.334388	4.303021	-0.81629	0.4052	0.51008	BRI3P1	chr1	+	1.01E+08	1.01E+08	378
ENSG0000(	2.708633	2.24661	0.21519	0.85663	0.89933	DUTP6	chr1	+	1.67E+08	1.67E+08	462
ENSG0000(	0.342542	22.5041	-5.25	3.69E-06	1.24E-05	XXbac-BPG	chr6	-	28805646	28806783	709
ENSG0000(	123.4508	58.79361	1.0663	6.92E-06	2.26E-05	RP11-390P	chr6	+	1.39E+08	1.39E+08	917
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	LINC00457	chr13	-	35009587	35214822	413
ENSG0000(	1.286224	3.526915	-1.2811	0.26271	0.3609	AATK-AS1	chr17	+	79139307	79156964	1577
ENSG0000(	2.448243	0.640152	1.5041	0.29202	0.39393	AC073283.	chr2	+	47294961	47298343	860
ENSG0000(	467.1671	269.2184	0.79325	2.22E-07	8.40E-07	PLEKHM1	chr17	-	43513266	43568115	5263
ENSG0000(	1.048164	2.711133	-1.1749	0.36649	0.47113	RPS12P26	chr15	+	90749804	90750199	396
ENSG0000(	0.342542	1.043983	-0.98163	0.56849	NA	LINC00092	chr9	-	98782014	98790247	1726
ENSG0000(	0.653381	3.870053	-2.1686	0.088738	0.14603	RP11-338E	chr12	+	65022124	65023756	281
ENSG0000(	2.064625	6.255033	-1.5033	0.11673	0.18447	AB019441.	chr14	-	1.06E+08	1.06E+08	627
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	TBC1D4-AS	chr13	-	75949647	75951430	425
ENSG0000(	7.688249	28.27837	-1.8423	0.00068	0.00173	AC093818.	chr2	-	1.73E+08	1.73E+08	1397
ENSG0000(	29.40915	0	6.4608	2.05E-08	8.48E-08	MIR137HG	chr1	-	98453556	98515419	2639
ENSG0000(	10.00887	0.98329	3.0059	0.004364	0.009804	AL589743.	chr14	+	19650018	19718563	4676
ENSG0000(	6.08858	5.794542	0.089369	0.9152	0.94244	RP11-197N	chr10	-	16763351	16790376	697
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AC079790.	chr2	+	1.53E+08	1.53E+08	507
ENSG0000(	15.67617	0.357707	4.7606	3.89E-05	0.000117	AC007362.	chr2	-	2.07E+08	2.07E+08	555
ENSG0000(	16.00413	1.485073	3.073	0.001593	0.003826	HSPA7	chr1	+	1.62E+08	1.62E+08	1927

ENSG0000(	3.713929	25.07754	-2.6597	0.000148	0.000413	AP001628.	chr21	-	44251150	44256587	285
ENSG0000(	0	1.370136	-1.6825	0.34201	NA	CHCHD4P5	chr1	+	2.46E+08	2.46E+08	427
ENSG0000(	1.068702	3.916176	-1.6682	0.17059	0.25285	RP4-814D1	chr7	+	1.57E+08	1.57E+08	465
ENSG0000(	4.637074	2.606733	0.74196	0.47992	0.58411	ARL2BPP1(	chr22	-	18585223	18586415	531
ENSG0000(	1.048164	1.652581	-0.55786	0.69005	0.76896	AC008937.	chr5	-	56195868	56206541	914
ENSG0000(	54.66787	37.44044	0.54017	0.10945	0.17424	TRAPPC12-	chr2	-	3485013	3486180	908
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	DDX26B-AS	chrX	-	1.35E+08	1.35E+08	398
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AP000936.	chr11	-	1.17E+08	1.17E+08	681
ENSG0000(	0	2.232041	-2.63	0.10215	0.16421	RP1-169I5.	chrX	-	41331517	41331906	390
ENSG0000(	0.632843	0	0.81931	0.64303	NA	AC117490.	chr3	-	1.96E+08	1.96E+08	60
ENSG0000(	785.4776	22.78568	5.0858	1.79E-114	1.27E-112	RP11-640M	chr1	+	1.45E+08	1.45E+08	3056
ENSG0000(	0.923144	0.357707	0.88371	0.60898	NA	RPS2P1	chr20	+	32710276	32711096	821
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC009478.	chr2	-	1.81E+08	1.82E+08	562
ENSG0000(	4.491516	4.392852	0.047655	0.96025	0.97627	ST13P6	chr8	+	1.34E+08	1.34E+08	1102
ENSG0000(	2.323223	1.294874	0.6907	0.60244	0.69589	AC007255.	chr7	-	29638411	29724871	663
ENSG0000(	5.289641	11.13751	-0.99974	0.17762	0.2613	RP11-378J	chr1	+	2.23E+08	2.23E+08	1313
ENSG0000(	2.096328	0	2.2646	0.18883	0.27515	LINC00705	chr10	+	4697619	4704611	1745
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-466F	chr1	+	1.66E+08	1.66E+08	472
ENSG0000(	0.36308	1.888903	-1.7962	0.25037	0.34685	UBE2Q2P2	chr15	+	82647360	82712277	758
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	RP11-782C	chr1	-	1.43E+08	1.43E+08	766
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-536C	chr1	+	1.6E+08	1.6E+08	645
ENSG0000(	0.72616	1.188058	-0.45174	0.79635	0.85544	AC018693.	chr2	+	39088862	39090275	550
ENSG0000(	3.807246	17.02927	-2.0658	0.014002	0.028542	RP4-758J1	chr1	-	1365919	1369953	634
ENSG0000(	1.71271	1.903472	-0.12609	0.93571	0.95758	RP11-57H1	chr10	+	1.15E+08	1.15E+08	315
ENSG0000(	0	1.280305	-1.6305	0.35731	NA	RP4-612C1	chr1	-	93665312	93665496	185
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	LINC00113	chr21	+	29094698	29123552	572
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP11-344A	chr10	+	68812367	68814786	505
ENSG0000(	2.427705	1.058552	1.0034	0.45748	0.56263	RP11-439E	chr1	+	2.47E+08	2.47E+08	1960
ENSG0000(	4.926561	2.80338	0.75068	0.51451	0.61745	RP11-539I9	chr10	-	1.19E+08	1.19E+08	657
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-512M	chr10	+	52232574	52234006	373
ENSG0000(	0.290301	2.367995	-2.0987	0.16791	0.24938	RP1-91J24.	chr6	-	1.45E+08	1.45E+08	501
ENSG0000(	27.76857	0.654722	4.9373	2.04E-07	7.74E-07	RP11-415J	chr1	+	33772967	33791644	801
ENSG0000(	0.685084	0	0.85004	0.63064	NA	AC019100.	chr2	-	1.09E+08	1.09E+08	611
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	RP11-325F	chr7	-	1.05E+08	1.05E+08	640
ENSG0000(	1.027626	2.514486	-0.98436	0.52347	0.62586	AF064860.	chr21	+	41002198	41098012	544
ENSG0000(	19.06549	15.69472	0.26316	0.67167	0.75409	AP001055.	chr21	-	45578623	45579959	863
ENSG0000(	9.721171	0.297015	4.1081	0.000833	0.002093	RP11-449J	chr1	+	2.25E+08	2.25E+08	423
ENSG0000(	2.282147	4.054546	-0.73575	0.48881	0.59284	XXbac-B47(	chr22	-	18559293	18560563	805
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-384C	chr1	-	2.12E+08	2.12E+08	468
ENSG0000(	1600.75	1166.688	0.45582	1.46E-05	4.59E-05	RP11-513I:	chr6	+	34247456	34254545	7090
ENSG0000(	2.624689	7.405832	-1.3904	0.11421	0.18099	SNX18P3	chr9	-	38566257	38568208	1750
ENSG0000(	0.580602	1.012429	-0.48451	0.77505	NA	RP11-820K	chr12	-	31687649	31688181	533
ENSG0000(	0.653381	1.638012	-1.0449	0.47153	0.57623	RP11-292F	chr9	-	46270841	46274928	876
ENSG0000(	0	1.280305	-1.6305	0.35731	NA	RP11-433C	chr4	+	1.82E+08	1.82E+08	342
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RPF2P1	chr20	+	34340736	34341641	906
ENSG0000(	32.749	59.82632	-0.85978	0.007801	0.01671	RP11-426A	chr9	-	1.38E+08	1.38E+08	2919
ENSG0000(	1.286224	1.387121	-0.06192	0.96519	0.97971	CT62	chr15	-	71402583	71407833	2822
ENSG0000(	0.653381	1.012429	-0.44082	0.78495	NA	ATP6V0E1F	chr5	+	1.32E+08	1.32E+08	226
ENSG0000(	0	29.54652	-6.5017	1.01E-08	4.28E-08	TDGF1P3	chrX	+	1.1E+08	1.1E+08	2710
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CICP8	chr7	+	56430151	56432963	2813
ENSG0000(	17.47959	16.9199	0.046538	0.92162	0.94733	AC008993.	chr19	-	60105	70966	622
ENSG0000(	0.342542	0.594029	-0.38792	0.8278	NA	RP11-490D	chr9	+	1.04E+08	1.04E+08	538
ENSG0000(	36.65315	43.73676	-0.25432	0.50731	0.61088	RP5-1103G	chr20	-	300957	328868	762
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC015977.	chr2	-	26894122	26897332	567
ENSG0000(	0.653381	0	0.82678	0.64037	NA	AC129778.	chr9	+	42751727	42752381	321
ENSG0000(	7.095668	2.309719	1.4811	0.14024	0.21415	SFTA1P	chr10	-	10826400	10836943	693
ENSG0000(	0.36308	0.640152	-0.51156	0.77091	NA	RP11-350E	chr9	+	90681830	90682952	417
ENSG0000(	0	1.416259	-1.7181	0.33141	NA	AC099754.	chr3	-	26660821	26664181	454
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP11-3B7.1	chr3	+	49297518	49298744	1227
ENSG0000(	0	1.058552	-1.361	0.4451	NA	RP11-1114	chrX	+	1.36E+08	1.36E+08	651
ENSG0000(	2.334388	2.041842	0.17867	0.87615	0.91404	TGIF2P1	chr1	-	2.45E+08	2.45E+08	685
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AC010878.	chr2	+	38044058	38045104	1047
ENSG0000(	0	2.431104	-2.4718	0.14705	0.22313	AC080125.	chr2	-	1.86E+08	1.86E+08	684
ENSG0000(	2.323223	5.292017	-1.0182	0.42684	0.53223	CTD-2384B	chr5	-	75987264	76012040	600
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP11-207C	chr9	-	5719021	5720244	543

ENSG0000(	1.016461	2.263595	-0.93101	0.51985	0.62257	RP11-764K	chr9	-	68397878	68409893	2878
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AP000345.	chr22	-	23854681	23855789	477
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC104843.	chr7	-	1.52E+08	1.52E+08	319
ENSG0000(	0.685084	1.012429	-0.37562	0.82411	NA	RPL21P3	chr20	+	18465909	18466696	478
ENSG0000(	0	3.731683	-3.3275	0.030327	0.057297	AC104134.	chr2	+	88838238	88875128	1747
ENSG0000(	1.701545	1.652581	0.020687	0.98674	0.99218	RBMS1P1	chr12	-	66627859	66629014	1156
ENSG0000(	0.653381	1.430828	-0.74222	0.6575	0.74206	TNPO1P1	chr10	+	86150664	86151801	1138
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	AP001626.	chr21	-	44019390	44035168	1775
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-63P1	chr9	+	74920346	74958126	2078
ENSG0000(	120.8416	109.4647	0.13951	0.73133	0.80153	BOLA3-AS1	chr2	+	74375136	74377188	1804
ENSG0000(	0.653381	0.98329	-0.41986	0.79515	NA	MPRIP-AS1	chr17	-	16979352	16981066	1058
ENSG0000(	9.564448	5.794542	0.70357	0.34785	0.45206	RPS15AP1(	chr1	-	46111488	46111869	382
ENSG0000(	1.233984	0	1.5686	0.37707	NA	AC079776.	chr2	-	1.31E+08	1.31E+08	2454
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	RP3-508I15	chr22	+	39135008	39145046	500
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP5-1121H	chr20	+	40619780	40692609	594
ENSG0000(	0.36308	3.945314	-2.8204	0.041183	0.075226	RP13-93L1	chr9	+	92087152	92087607	456
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	ZNF70P1	chr6	+	33183482	33184105	624
ENSG0000(	1.016461	7.036845	-2.4989	0.026038	0.05005	RFPL1S	chr22	-	29832818	29874115	5559
ENSG0000(	203.1164	241.6454	-0.24817	0.18491	0.27029	JPX	chrX	+	73164159	73290243	2194
ENSG0000(	16.3082	12.95519	0.33118	0.52777	0.62944	RP11-262D	chrX	+	71364034	71381600	2269
ENSG0000(	0	1.638012	-2.1885	0.18912	NA	RP11-120J	chr9	+	14317084	14357907	964
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-38J2.	chr1	+	2.06E+08	2.06E+08	390
ENSG0000(	72.36596	44.10252	0.70658	0.024295	0.047017	RP11-773D	chr10	-	81563813	81586350	829
ENSG0000(	2747.723	980.5257	1.4847	7.14E-33	1.02E-31	ARHGAP23	chr17	+	36584662	36668628	6276
ENSG0000(	0.290301	4.553913	-3.0272	0.028151	0.053671	RP11-390F	chr9	+	6716548	6727438	1501
ENSG0000(	1.213446	3.037286	-1.0363	0.45885	0.56415	RP4-610C1	chr20	-	29521637	29522987	553
ENSG0000(	0	10.29588	-4.9223	0.000148	0.000411	GBP1P1	chr1	+	89873238	89891802	1740
ENSG0000(	2.592987	0.343138	2.2135	0.13825	0.21169	AC092619.	chr2	-	2.39E+08	2.39E+08	1975
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	AC104651.	chr2	-	1.13E+08	1.13E+08	735
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RPL15P4	chr6	+	31495891	31496470	580
ENSG0000(	0.36308	0	0.4146	0.81455	NA	GAPDHP16	chr21	+	16146622	16147583	962
ENSG0000(	0.290301	0.700845	-0.56655	0.74739	NA	RP11-160A	chr6	+	1.23E+08	1.23E+08	2629
ENSG0000(	0.975385	0.594029	0.4404	0.79523	NA	RP11-330C	chr1	+	93197557	93198814	797
ENSG0000(	0.342542	5.156806	-3.1365	0.02181	0.042691	CYP4A22-A	chr1	-	47562325	47644943	921
ENSG0000(	15.19924	30.12195	-0.97543	0.032604	0.061118	AC069282.	chr7	+	47996390	47996915	526
ENSG0000(	7.043427	2.321872	1.4759	0.1351	0.20806	LINC00475	chr9	+	94903580	94922396	2506
ENSG0000(	1.233984	3.769685	-1.3464	0.27026	0.3694	RP11-165M	chr9	-	1.15E+08	1.15E+08	450
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	MTND1P34	chr1	-	47630182	47631592	671
ENSG0000(	10.11416	9.382149	0.10045	0.88363	0.91879	RP11-396C	chr1	+	2.26E+08	2.26E+08	595
ENSG0000(	4.886299	1.416259	1.6216	0.15375	0.23184	AC005237.	chr2	-	2.42E+08	2.42E+08	559
ENSG0000(	2.894453	6.829661	-1.1245	0.26129	0.35938	C3orf83	chr3	-	12556433	12602558	901
ENSG0000(	1.597063	4.378283	-1.2628	0.27139	0.37073	RP11-383B	chr10	-	18820778	18822265	413
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP3-370M2	chr22	+	40356401	40360687	1287
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	SP3P	chr13	-	90013414	90015478	2065
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	XX-C2158C	chr6	-	1.71E+08	1.71E+08	439
ENSG0000(	0.36308	2.811501	-2.1769	0.16762	0.24905	PAWRP1	chr10	+	96943410	96943974	565
ENSG0000(	0	1.903472	-2.1599	0.21236	NA	AC068610.	chr7	+	1.15E+08	1.15E+08	1187
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP6-145B8	chrX	-	85339720	85341343	1624
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	OR5BE1P	chr11	+	55850277	55851215	939
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC018799.	chr2	+	1.95E+08	1.95E+08	1084
ENSG0000(	0	7.545075	-4.3524	0.002031	0.004803	ZNF385D-A	chr3	+	21584308	21621451	705
ENSG0000(	0.995923	0	1.4959	0.39264	NA	KB-1027C1	chr22	-	22239621	22240012	392
ENSG0000(	2.656392	0	2.8491	0.072291	0.12249	RP11-328J	chr7	-	1.19E+08	1.2E+08	1577
ENSG0000(	0	57.87343	-7.4188	1.76E-11	9.19E-11	AC098973.	chr3	+	27844253	27932792	543
ENSG0000(	0.653381	0.297015	0.51304	0.77085	NA	RP11-210H	chr6	+	1.19E+08	1.19E+08	1179
ENSG0000(	0	1.029414	-1.1526	0.51496	NA	RP11-19J3.	chr9	-	95301335	95301466	132
ENSG0000(	11.02793	14.58192	-0.39855	0.55259	0.65194	RP11-527D	chr1	+	2.42E+08	2.42E+08	504
ENSG0000(	0.72616	0.343138	0.52026	0.77047	NA	AP000320.	chr21	-	35743101	35747647	471
ENSG0000(	39.80522	43.53125	-0.13427	0.73787	0.80668	C2CD4D	chr1	-	1.52E+08	1.52E+08	1757
ENSG0000(	0.580602	0	0.8036	0.6494	NA	UBE2D3P2	chr3	+	37176149	37176593	445
ENSG0000(	1.016461	0.891044	0.096278	0.95404	0.97142	AC083867.	chr7	+	1.38E+08	1.38E+08	457
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-384B	chr1	+	87511558	87512383	826
ENSG0000(	0.36308	3.619162	-2.6856	0.056851	0.099565	CCT4P2	chrX	+	64490793	64492899	1548
ENSG0000(	3.983692	2.436809	0.59191	0.60762	0.70048	AC003077.	chr7	+	1.11E+08	1.11E+08	2494
ENSG0000(	1.068702	1.652581	-0.54445	0.69706	0.77409	RPL35P5	chr7	-	66071725	66072094	370

ENSG0000(	0.290301	0	0.4146	0.81455	NA	DRAXINP1	chrX	-	8751555	8752502	948
ENSG0000(	8.547987	5.257174	0.66779	0.35617	0.46048	NCBP2-AS1	chr3	+	1.97E+08	1.97E+08	562
ENSG0000(	0	1.744828	-2.0203	0.24683	NA	RP11-318C	chr13	+	78402357	78408085	601
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP1-159M:	chr6	-	1.13E+08	1.13E+08	1178
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-360D	chr1	+	1.74E+08	1.74E+08	255
ENSG0000(	0	1.309443	-1.6539	0.35008	NA	XXbac-BPG	chr6	-	28827402	28831127	2458
ENSG0000(	0.685084	0.297015	0.4735	0.79064	NA	MTOR-AS1	chr1	+	11203955	11209594	705
ENSG0000(	0.36308	5.147942	-3.156	0.020482	0.040303	RP11-325P	chr1	+	1.47E+08	1.47E+08	1665
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC007679.	chr2	+	2.07E+08	2.07E+08	781
ENSG0000(	0.290301	1.029414	-0.85389	0.63097	NA	RP11-70C1	chr3	+	42812104	42815127	897
ENSG0000(	937.4416	141.754	2.7054	1.13E-23	1.12E-22	ZNF469	chr16	+	88493879	88507165	13279
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP4-604A2	chr1	-	29308790	29309120	331
ENSG0000(	0	1.713273	-2.2094	0.18675	NA	RP11-569A	chr1	+	2.03E+08	2.03E+08	365
ENSG0000(	0	1.372552	-1.3974	0.43145	NA	RP11-109D	chr9	-	72433899	72435655	1375
ENSG0000(	135.671	307.7763	-1.1785	1.82E-13	1.08E-12	MTND2P28	chr1	+	565020	566063	1044
ENSG0000(	0	2.102535	-2.2822	0.18452	0.26979	RP5-997D2	chr1	+	54751078	54753044	1111
ENSG0000(	1.753786	0	2.0221	0.24632	NA	AC017035.	chr2	+	1.98E+08	1.98E+08	1026
ENSG0000(	1.306762	0	1.6479	0.35189	NA	PGAM1P2	chr9	-	35943207	35943931	725
ENSG0000(	0.72616	0	0.85004	0.63064	NA	SNRPEP5	chr2	+	8743212	8743489	278
ENSG0000(	1.681007	4.865496	-1.3786	0.21681	0.30808	RP11-70P1	chr1	+	25907969	25916847	483
ENSG0000(	0.580602	0.640152	-0.06311	0.97099	NA	RPL35AP4	chr6	-	33357151	33357252	102
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AC015815.	chr17	-	75104708	75104798	90
ENSG0000(	215.6079	114.272	0.9054	0.026122	0.050187	SBDSP1	chr7	+	72300004	72307909	1714
ENSG0000(	42.00343	0.357707	6.1353	6.43E-09	2.77E-08	AC064875.	chr2	-	13106910	13147138	1942
ENSG0000(	0.290301	0.98329	-0.92952	0.59103	NA	EIF2S2P5	chr1	+	1.15E+08	1.15E+08	968
ENSG0000(	2.229907	0.594029	1.4374	0.32869	0.4318	RP11-619F	chr10	+	79114162	79136371	701
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RNF19BPY	chrY	-	3646038	3647587	1550
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP5-858B6	chr1	-	2.31E+08	2.31E+08	311
ENSG0000(	0.342542	0	0.4146	0.81455	NA	TAF13P2	chr2	+	74578261	74578546	286
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RPL14P5	chrX	-	969238	970836	730
ENSG0000(	31.65039	27.67386	0.1881	0.62353	0.71388	FAM195B	chr17	-	79780287	79791178	2979
ENSG0000(	1.213446	5.863356	-1.9607	0.084101	0.13951	AC005534.	chr7	-	1.56E+08	1.56E+08	514
ENSG0000(	0	2.261179	-2.4065	0.15834	0.23767	LINC00505	chr1	+	46921495	46948147	354
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	CTA-134P2	chr1	-	1.59E+08	1.59E+08	3384
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-641C	chr3	-	60715788	60716377	590
ENSG0000(	0.342542	0.594029	-0.38792	0.8278	NA	IPO7P2	chr13	-	24696204	24697953	1750
ENSG0000(	2.188831	3.884622	-0.72182	0.51172	0.61488	RP4-784A1	chr1	+	53793905	53802181	567
ENSG0000(	0	3.604593	-3.3151	0.028943	0.054986	AP000619.	chr11	-	1.03E+08	1.03E+08	1000
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AL163953.	chr14	-	54066550	54080744	726
ENSG0000(	1.451506	0.700845	0.74669	0.65406	0.7391	FAM225B	chr9	-	1.16E+08	1.16E+08	7380
ENSG0000(	1.681007	2.725702	-0.60287	0.61835	0.70952	RP11-54K1	chr9	-	33019680	33020163	484
ENSG0000(	3.350849	5.750835	-0.73031	0.40264	0.5074	AC007272.	chr2	+	2.02E+08	2.02E+08	963
ENSG0000(	500.1632	599.4506	-0.26052	0.064268	0.11078	SLC26A6	chr3	-	48663156	48672926	5682
ENSG0000(	1.048164	4.663145	-1.9128	0.10545	0.16883	AC005522.	chr7	-	76601996	76606278	453
ENSG0000(	7.447583	9.85721	-0.38502	0.55384	0.6532	RP11-75C9	chr9	+	8858130	8862255	1959
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP13-379L	chr20	-	56644110	56647126	1014
ENSG0000(	1.991846	1.652581	0.23052	0.8474	0.8929	RP11-345I:	chr1	+	1.79E+08	1.79E+08	721
ENSG0000(	0.685084	0.654722	0.030656	0.98584	NA	RP11-325E	chrX	+	79965427	79966204	778
ENSG0000(	6.038944	5.04999	0.24423	0.7692	0.83337	RP11-269F	chr1	-	45224709	45241482	580
ENSG0000(	1.068702	0	1.3672	0.44297	NA	AC007000.	chr7	-	76701068	76701554	487
ENSG0000(	2.520208	0	2.7948	0.078637	0.13159	RP11-71C5	chr13	+	45011343	45026963	364
ENSG0000(	0.342542	1.591889	-1.589	0.31649	0.41913	RP6-191P2	chrX	-	1.07E+08	1.07E+08	380
ENSG0000(	1.555988	0	1.8901	0.28116	NA	RP3-365O1	chr6	+	46871208	46876815	781
ENSG0000(	0	1.66715	-1.9695	0.25993	NA	AP001627.	chr21	-	44153704	44161868	1754
ENSG0000(	2451.585	1392.871	0.81448	4.51E-13	2.62E-12	FGD5-AS1	chr3	-	14961854	14989931	3792
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	NRG3-AS1	chr10	-	83988741	83992676	555
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	NPM1P18	chr7	+	36858564	36859295	732
ENSG0000(	0	8.41826	-4.6682	0.00032	0.000853	RP11-513C	chr3	-	1.94E+08	1.94E+08	910
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	AC017002.	chr2	+	1.12E+08	1.12E+08	792
ENSG0000(	4.616536	4.926189	-0.09001	0.92106	0.94695	AL773572.	chr21	-	42548249	42558715	1011
ENSG0000(	1.016461	1.623443	-0.53732	0.71959	0.79258	RP11-242C	chr1	-	29471006	29473506	279
ENSG0000(	3.246368	1.698704	0.84453	0.45944	0.5647	AC087501.	chr17	+	9355514	9373331	715
ENSG0000(	0	1.545765	-1.8556	0.29195	NA	RP1-45I4.2	chr6	-	1.43E+08	1.43E+08	455
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-267M	chr1	+	1.63E+08	1.63E+08	1133
ENSG0000(	12.8545	23.65007	-0.86026	0.17621	0.25966	DBH-AS1	chr9	-	1.37E+08	1.37E+08	2139

ENSG0000(	0.943682	0	1.2438	0.48556	NA	RP11-365P	chr13	+	1.12E+08	1.12E+08	684
ENSG0000(	3.350036	4.037561	-0.20936	0.84662	0.89238	RP11-417C	chr10	+	75764895	75787673	442
ENSG0000(	1.359003	0.686276	0.73076	0.64104	0.72806	RP11-511I	chr1	-	47846600	47874149	483
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	LEPREL1-AS	chr3	+	1.9E+08	1.9E+08	730
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC068535.	chr2	-	1.05E+08	1.05E+08	493
ENSG0000(	1.161205	2.200487	-0.66113	0.67164	0.75408	RP11-468E	chr14	+	24505662	24520237	899
ENSG0000(	2.572449	1.294874	0.85887	0.47281	0.57745	RP5-850O1	chr1	+	50927141	50936822	503
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CROCCP1	chrX	+	1.35E+08	1.35E+08	5675
ENSG0000(	0.923144	2.932886	-1.3801	0.27667	0.37689	SIRPAP1	chr22	+	30938523	30940292	1770
ENSG0000(	1.068702	5.240188	-2.0805	0.067622	0.11564	PROSER2-A	chr10	-	11891612	11936699	3141
ENSG0000(	1.524285	2.027273	-0.30543	0.82212	0.87479	RP4-603I14	chr1	+	46836258	46836627	370
ENSG0000(	2088.222	837.573	1.308	1.87E-05	5.83E-05	MIAT	chr22	+	27042392	27072438	10216
ENSG0000(	19.56476	30.7564	-0.64693	0.13196	0.2043	RP11-592B	chr10	-	51287081	51371070	2353
ENSG0000(	1.08924	0	1.1858	0.50299	NA	RP11-2L8.1	chr3	+	1.78E+08	1.78E+08	560
ENSG0000(	41.20807	31.61676	0.37196	0.32201	0.42493	RP1-180E2	chr6	+	52442283	52444325	664
ENSG0000(	0.72616	1.713273	-0.96135	0.53109	0.63247	AC004540.	chr7	-	26411764	26416321	611
ENSG0000(	0.943682	2.886762	-1.3469	0.29437	0.39641	RP1-234P1	chr6	+	75994730	76006283	445
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC073321.	chr2	+	2.17E+08	2.17E+08	654
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	MTND4P23	chr2	-	2.02E+08	2.02E+08	1363
ENSG0000(	0.995923	0	1.4959	0.39264	NA	AC025918.	chr15	+	59182166	59186281	383
ENSG0000(	3.370574	3.336716	0.045328	0.96511	0.97971	CTD-2313N	chr11	+	71589499	71595607	216
ENSG0000(	1.628766	18.84036	-3.3305	2.87E-05	8.73E-05	RP1-309F2	chr20	-	57438583	57463864	893
ENSG0000(	6.867794	9.942208	-0.49577	0.62068	0.71141	DNAJC19P5	chr2	-	1.78E+08	1.78E+08	316
ENSG0000(	0	1.949596	-2.4359	0.13595	0.20899	AC006038.	chr2	-	42592810	42652228	811
ENSG0000(	0.342542	2.468363	-2.0021	0.21246	0.30302	AC092669.	chr2	+	66554481	66556116	1024
ENSG0000(	3.994857	6.001726	-0.55191	0.52364	0.62598	UBXN7-AS1	chr3	+	1.96E+08	1.96E+08	2008
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RPL7P45	chr13	+	1.05E+08	1.05E+08	743
ENSG0000(	67.62522	0.343138	6.7909	3.33E-11	1.71E-10	LINC00626	chr1	+	1.69E+08	1.69E+08	955
ENSG0000(	37.26285	43.88809	-0.23467	0.47551	0.5801	FAM229A	chr1	-	32826871	32829879	2759
ENSG0000(	107.8817	70.66191	0.60429	0.010477	0.021937	ERCC6	chr10	-	50663414	50747584	8008
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP3-348I23	chr6	-	20722559	20723886	332
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-80H5	chr10	-	91406046	91410579	368
ENSG0000(	2.540746	0.357707	2.049	0.19838	0.28666	TRMT2B-AS	chrX	+	1E+08	1E+08	401
ENSG0000(	0.290301	7.600062	-3.6996	0.005065	0.011274	MKRN7P	chr20	-	45092541	45093763	1223
ENSG0000(	1.628766	31.84738	-4.0865	1.83E-08	7.61E-08	RP11-452K	chr10	+	99094321	99102770	615
ENSG0000(	0.290301	0	0.4146	0.81455	NA	HLA-S	chr6	-	31349851	31350065	53
ENSG0000(	0	2.711133	-2.9254	0.060083	0.10456	RP11-569G	chr1	+	26653179	26653524	346
ENSG0000(	189.1596	62.54778	1.5846	1.40E-06	4.92E-06	RUSC1-AS1	chr1	-	1.55E+08	1.55E+08	1836
ENSG0000(	2.592987	0	2.8438	0.071235	0.12092	RP11-46A1	chr1	+	1.81E+08	1.81E+08	543
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP5-1177I1	chr22	+	37946033	37947742	498
ENSG0000(	0	15.79341	-5.5584	6.03E-06	1.99E-05	AC016582.	chr19	-	38314362	38345855	1716
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	CTB-70D19	chr5	-	1.43E+08	1.43E+08	615
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-551M	chr13	+	1.12E+08	1.12E+08	650
ENSG0000(	0	1.309443	-1.6539	0.35008	NA	AC002398.	chr19	-	36279778	36288787	2167
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	LINC00694	chr3	-	44462619	44465499	732
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	AC004603.	chr19	+	43326015	43331030	1873
ENSG0000(	15.27022	14.76883	0.039512	0.93754	0.95877	LINC00115	chr1	-	761586	762902	1317
ENSG0000(	0	6.924324	-4.403	0.000835	0.002097	RP3-410B1	chrX	-	17988317	18122764	708
ENSG0000(	3.257533	0.700845	1.8974	0.14462	0.21995	RP11-574E	chr9	-	69718152	69721729	885
ENSG0000(	0	2.041842	-2.4837	0.12741	0.19837	AC023590.	chr8	+	1.19E+08	1.19E+08	781
ENSG0000(	1.027626	0	1.1491	0.51623	NA	RP11-288L	chr1	+	27995979	27996787	489
ENSG0000(	6.286378	123.4934	-4.2427	4.16E-25	4.37E-24	AC074289.	chr2	+	64370373	64479993	1504
ENSG0000(	3.309773	2.073397	0.59774	0.62428	0.7145	RP3-476K8	chr1	-	26789247	26793773	529
ENSG0000(	48.43715	78.31293	-0.69155	0.012989	0.026665	RP11-384K	chr4	+	1.2E+08	1.2E+08	2486
ENSG0000(	0.290301	0	0.4146	0.81455	NA	FRG2B	chr10	-	1.35E+08	1.35E+08	2094
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC019171.	chr2	-	39325290	39325586	297
ENSG0000(	0.72616	1.234181	-0.55797	0.73769	0.80658	RP4-758J18	chr1	+	1355625	1358071	543
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RPS27P16	chr7	+	30207420	30207620	201
ENSG0000(	1.08924	1.531196	-0.3826	0.81382	0.86926	RP13-258C	chrX	-	91931518	91931953	436
ENSG0000(	7.427858	24.67378	-1.6962	0.003953	0.008934	RP11-57C1	chr10	+	89367742	89419036	495
ENSG0000(	0	5.600312	-4.0458	0.003473	0.007929	XXbac-BPG	chr6	+	32223488	32233615	3458
ENSG0000(	11.11188	6.616772	0.72052	0.37275	0.47713	RIMKLBP2	chr1	-	2.19E+08	2.19E+08	654
ENSG0000(	21.98227	21.1055	0.05928	0.92868	0.95282	NOL7	chr6	+	13615559	13632971	1184
ENSG0000(	2.157128	0.594029	1.3872	0.35591	0.46019	CACYBPP1	chr10	-	86214435	86215812	684
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC000036.	chr22	-	51174253	51176567	2030

ENSG0000(	2.645227	8.798658	-1.6434	0.046726	0.083876	AC026150.	chr15	+	30488239	30506743	4260
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP3-395M2	chr1	+	2497849	2508811	1497
ENSG0000(	1.306762	0	1.6479	0.35189	NA	AC133965.	chr2	+	87954409	87954762	354
ENSG0000(	0.290301	0.654722	-0.51764	0.76892	NA	RP4-566D2	chr1	-	2.28E+08	2.28E+08	671
ENSG0000(	0	1.40169	-1.7271	0.32809	NA	RP11-501J	chr10	-	1.19E+08	1.19E+08	744
ENSG0000(	0.342542	1.577319	-1.4728	0.37548	0.47961	PCA3	chr9	+	79379352	79402485	3922
ENSG0000(	1.971308	1.638012	0.22785	0.85145	0.89555	RP4-575N6	chr1	-	1.02E+08	1.02E+08	403
ENSG0000(	1.068702	0.997859	0.04858	0.97403	0.98544	RP3-441A1	chr6	-	37783553	37786994	419
ENSG0000(	0	57.15573	-7.3634	6.25E-11	3.14E-10	RP11-395B	chr7	-	1.01E+08	1.01E+08	2083
ENSG0000(	7.116206	43.22612	-2.5341	1.50E-06	5.26E-06	NTF4	chr19	-	49559050	49568333	1748
ENSG0000(	5.613272	2.742687	0.93121	0.37825	0.48243	RP11-339B	chr9	-	1.31E+08	1.31E+08	407
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-69E9	chr1	-	23162206	23163342	480
ENSG0000(	22.76923	35.34677	-0.62118	0.11588	0.18331	SATB2-AS1	chr2	+	2E+08	2E+08	3314
ENSG0000(	0.995923	0.686276	0.39213	0.8081	NA	RP5-1077I2	chr20	-	13224711	13226016	446
ENSG0000(	1.733248	0	1.9774	0.25925	NA	AC009950.	chr2	+	2.31E+08	2.31E+08	773
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	RP11-508N	chr10	+	38450498	38450677	180
ENSG0000(	158.1593	375.6193	-1.2413	2.42E-06	8.35E-06	ELFN1	chr7	+	1727755	1787590	3845
ENSG0000(	2.656392	4.819373	-0.76263	0.51338	0.61643	LINC00035	chr7	+	73149368	73150384	558
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP3-526F5	chrX	+	1.43E+08	1.43E+08	318
ENSG0000(	6.431935	17.06398	-1.3853	0.023556	0.045769	MTND1P23	chr1	+	564442	564813	372
ENSG0000(	85.32853	51.25109	0.72626	0.016407	0.032976	RP11-139H	chr15	-	55609382	55611359	866
ENSG0000(	9.607316	0	4.869	0.000128	0.000359	AC005550.	chr7	-	15728700	15730479	312
ENSG0000(	17.40681	8.957302	0.91562	0.11509	0.18227	AC074138.	chr19	-	37176342	37178351	815
ENSG0000(	0.705622	2.65044	-1.6176	0.22793	0.32098	RP11-192N	chr10	+	29986832	29987157	326
ENSG0000(	0.580602	0.686276	-0.10523	0.9528	NA	HAR1A	chr20	+	61733557	61735738	1882
ENSG0000(	1.555988	1.188058	0.26817	0.86642	0.90701	AC102953.	chr7	+	1499573	1503644	498
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-538D	chr1	+	1.82E+08	1.82E+08	1145
ENSG0000(	0.72616	0.686276	0.035772	0.98391	NA	HMGB1P26	chr1	-	2.3E+08	2.3E+08	628
ENSG0000(	0	3.420099	-3.213	0.037739	0.06969	RP3-340N1	chr1	-	20510735	20512979	510
ENSG0000(	0	8.559919	-4.6963	0.000287	0.000771	RP11-436D	chr6	+	98723022	98727735	226
ENSG0000(	2.261609	5.505649	-1.1701	0.23867	0.3333	RP11-460N	chr7	+	64544481	64560610	586
ENSG0000(	0.705622	5.782389	-2.6623	0.02696	0.051651	RP11-211N	chr9	+	46843638	46846025	2245
ENSG0000(	1.431782	4.135513	-1.3775	0.25413	0.35119	RP11-190J	chr10	+	1.04E+08	1.04E+08	850
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	RP11-403E	chrX	-	63364752	63366932	1771
ENSG0000(	6.472197	0	4.2533	0.001777	0.00424	AP001434.	chr21	-	39609139	39610123	287
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-467I2	chr1	-	2.41E+08	2.41E+08	204
ENSG0000(	5.71694	7.177631	-0.32542	0.68229	0.76258	CCT8P1	chr1	-	1.47E+08	1.47E+08	1657
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RPL36AP5	chr10	+	28193138	28194091	305
ENSG0000(	1.286224	0	1.8436	0.2818	NA	PRICKLE2-A	chr3	+	64173220	64186641	2496
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CDK2AP2P	chr9	-	68370604	68370975	372
ENSG0000(	5.414661	1.638012	1.5748	0.12095	0.19008	RP11-57H1	chr1	-	95628775	95699538	2447
ENSG0000(	47.84376	23.5975	0.99237	0.056863	0.099579	RP4-798A1	chr1	+	16787443	16794976	3245
ENSG0000(	3.910914	21.14679	-2.3198	0.001375	0.00334	FGF13-AS1	chrX	+	1.38E+08	1.38E+08	849
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-338C	chr1	+	2.13E+08	2.13E+08	460
ENSG0000(	0	3.183777	-3.1728	0.037267	0.068902	AC005740.	chr5	-	1.41E+08	1.41E+08	522
ENSG0000(	3.008307	2.232041	0.36122	0.7388	0.80741	AC009274.	chr7	-	1.3E+08	1.3E+08	370
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	YBX1P8	chrX	-	46544200	46545142	943
ENSG0000(	4.677336	10.33872	-1.0567	0.17749	0.26115	TLK2P1	chr17	-	32363700	32366891	3192
ENSG0000(	0.653381	1.073121	-0.45012	0.79086	NA	ZNF503-AS	chr10	+	77029577	77133258	1860
ENSG0000(	1.265686	0	1.6147	0.36215	NA	RP5-1070A	chr1	+	98676303	98738214	2229
ENSG0000(	8.309113	14.09954	-0.72748	0.2312	0.32468	MEMO1P1	chr21	+	37502669	37504208	1540
ENSG0000(	3.246368	1.98115	0.63749	0.56806	0.66556	PAICSP1	chr9	+	37878113	37879490	1217
ENSG0000(	0	1.234181	-1.5727	0.37581	NA	MTND4P32	chrX	+	1.02E+08	1.02E+08	1237
ENSG0000(	36.80808	25.2435	0.53793	0.13573	0.20886	LINC00869	chr1	+	1.49E+08	1.49E+08	695
ENSG0000(	0.36308	2.278164	-2.0508	0.17475	0.25787	RP11-552E	chr6	-	40326483	40337213	824
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC016772.	chr2	-	1.71E+08	1.71E+08	1261
ENSG0000(	0	7.328154	-4.4838	0.000611	0.001566	PRSS44	chr3	-	46850849	46854048	1146
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	USP12PX	chrX	+	89367649	89368705	1057
ENSG0000(	39.22299	67.15763	-0.76335	0.011378	0.023632	RP4-706A1	chr1	+	77594768	77595384	617
ENSG0000(	64.71007	143.1142	-1.1419	3.02E-05	9.15E-05	UQCRFS1P1	chr22	+	40271293	40272119	825
ENSG0000(	0	1.370136	-1.6825	0.34201	NA	EIF3LP3	chr10	-	38368984	38369805	822
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC106869.	chr2	+	47452933	47466364	591
ENSG0000(	2.354926	1.416259	0.64114	0.62114	0.71174	RP11-180C	chr1	-	70825245	70826120	575
ENSG0000(	16.93069	156.9715	-3.1919	6.63E-22	6.09E-21	RP11-90D4	chr12	-	8448582	8549399	3033
ENSG0000(	3.682226	0.686276	1.9744	0.15409	0.23229	AC007461.	chr17	+	70068474	70089622	2063

ENSG0000(	1.701545	3.711409	-1.0079	0.37311	0.47742	AC011475.	chr19	+	10751715	10752093	81
ENSG0000(	3.028845	0.700845	1.7602	0.19352	0.28099	AC004383.	chrX	+	1.34E+08	1.34E+08	289
ENSG0000(	0.36308	0	0.4146	0.81455	NA	FCF1P4	chrX	+	1.1E+08	1.1E+08	183
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AP001476.	chr21	+	47476430	47477481	355
ENSG0000(	6.795015	3.769685	0.80139	0.36326	0.46747	AHCTF1P1	chr2	-	1.62E+08	1.62E+08	6821
ENSG0000(	0	9.9843	-4.903	0.000137	0.000384	AC073043.	chr2	-	2.01E+08	2.01E+08	1021
ENSG0000(	0	1.058552	-1.361	0.4451	NA	AC098823.	chr2	-	2.32E+08	2.32E+08	2609
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RPL26P9	chr1	+	98051418	98051850	433
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-157L	chr9	+	46117312	46117651	340
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP4-683M	chr1	+	48519217	48532873	789
ENSG0000(	868.5147	229.0566	1.915	1.48E-21	1.34E-20	BAIAP2-AS1	chr17	-	79002933	79008501	4462
ENSG0000(	0.923144	1.188058	-0.25605	0.87702	0.91433	RP1-228P1	chr12	+	48478833	48479204	372
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-461K	chr10	+	16320700	16337857	458
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RPS27AP3	chr20	+	35677657	35678110	454
ENSG0000(	5.052394	8.810811	-0.77939	0.31031	0.41229	SLC25A39F	chr1	+	2.03E+08	2.03E+08	1065
ENSG0000(	2.883288	0	2.9964	0.054348	0.095606	RP1-69D17	chr6	-	1.3E+08	1.3E+08	728
ENSG0000(	0.290301	1.372552	-1.154	0.51326	NA	AC073343.	chr7	-	6833765	6836573	602
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP3-389A2	chrX	-	17723459	17723811	353
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	CLCP2	chr13	+	1.15E+08	1.15E+08	421
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	EIF4A1P5	chr13	-	37512537	37513631	1095
ENSG0000(	0	1.058552	-1.361	0.4451	NA	RP11-167P	chr10	+	74261504	74262714	162
ENSG0000(	4.81352	1.98115	1.1718	0.25283	0.34979	AP4B1-AS1	chr1	+	1.14E+08	1.14E+08	1734
ENSG0000(	0	15.15239	-5.5313	4.88E-06	1.62E-05	RP11-375H	chr22	+	28112468	28117665	451
ENSG0000(	13.6937	7.997445	0.75215	0.20679	0.29652	TEX22	chr14	+	1.06E+08	1.06E+08	2571
ENSG0000(	22.31365	11.48065	0.93681	0.054107	0.095286	LINC00685	chrX	+	281725	282586	428
ENSG0000(	15.14781	44.91817	-1.5446	0.002159	0.005084	AC010536.	chr16	-	87727144	87729753	2610
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	HNRNPA1P	chr20	-	44374376	44374926	551
ENSG0000(	0	3.290593	-3.2571	0.028994	0.055057	RP11-438H	chr1	-	2.48E+08	2.48E+08	1453
ENSG0000(	0.995923	1.370136	-0.35234	0.80971	0.86587	RP1-137D1	chr6	-	1.7E+08	1.7E+08	2282
ENSG0000(	2.749709	3.322147	-0.264	0.80211	0.85994	RP11-50E1	chr10	+	52388910	52391396	2089
ENSG0000(	2.012384	3.899191	-0.87818	0.40672	0.51151	AC007790.	chr7	-	1.33E+08	1.33E+08	782
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP1-104O1	chr6	-	98158829	98165073	499
ENSG0000(	483.3272	437.8866	0.14198	0.27005	0.36918	ABC7-4238	chr12	+	73725	91218	1817
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	TRGV6	chr7	-	38380301	38380599	299
ENSG0000(	0	1.698704	-2.2257	0.18075	NA	RPS12P5	chr3	+	29432339	29432709	371
ENSG0000(	1.681007	2.338857	-0.42124	0.7235	0.79545	AC004987.	chr7	-	39836192	39837510	1319
ENSG0000(	12.47088	30.37358	-1.2707	0.008311	0.017713	AC022431.	chr5	-	55800462	55800899	438
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RPLP0P1	chr20	-	16566978	16567338	361
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC007237.	chr7	+	78115847	78116345	499
ENSG0000(	0	1.073121	-1.1788	0.50551	NA	RP11-507F	chr9	-	81651329	81652484	1156
ENSG0000(	1.733248	2.66501	-0.54068	0.67458	0.75627	LEMD1-AS1	chr1	+	2.05E+08	2.05E+08	2781
ENSG0000(	4.689314	0.715414	2.3399	0.065518	0.1126	RP11-276H	chr9	+	89563614	89616948	4387
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC132807.	chr3	+	18031515	18037036	458
ENSG0000(	0	13.71598	-5.3375	2.25E-05	6.93E-05	RP1-310O1	chr20	-	30615556	30619378	2013
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	LINC00381	chr13	+	74993310	75009296	727
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RPL37AP1	chr20	-	43095204	43095482	279
ENSG0000(	1.939605	2.232041	-0.18557	0.87418	0.91242	ZNF32-AS1	chr10	+	44139320	44140495	434
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC005034.	chr2	-	75878414	75878753	340
ENSG0000(	1.887365	0	2.1461	0.21553	NA	RP11-307P	chr6	-	1.48E+08	1.48E+08	603
ENSG0000(	0.632843	0.654722	-0.02224	0.98935	NA	RP11-15I1	chr1	-	2.12E+08	2.12E+08	362
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP1-18D14	chr1	+	47691469	47696422	4036
ENSG0000(	0.632843	0	0.81931	0.64303	NA	MRPL35P3	chr10	+	76287342	76287705	364
ENSG0000(	1.89853	1.430828	0.32538	0.83547	0.88452	PTP4A1P3	chr7	+	90736689	90737108	420
ENSG0000(	6.784828	9.07943	-0.37445	0.67677	0.75796	GRM7-AS3	chr3	-	6673376	6847136	947
ENSG0000(	58.97796	60.07472	-0.02749	0.92154	0.94728	GTF2H2B	chr5	+	69711179	69743885	2106
ENSG0000(	0.632843	0	0.81931	0.64303	NA	AC064836.	chr2	-	2.03E+08	2.03E+08	704
ENSG0000(	1.390706	0.98329	0.35875	0.81584	0.87074	ISM1-AS1	chr20	-	13218448	13220321	652
ENSG0000(	14.84374	11.683	0.32693	0.57835	0.67484	AC009961.	chr2	-	1.61E+08	1.61E+08	401
ENSG0000(	2.624689	2.261179	0.18071	0.87806	0.91499	RP11-61N2	chr11	-	49455025	49455990	966
ENSG0000(	0.36308	2.232041	-2.0241	0.18269	0.26759	AC093382.	chr2	-	2.17E+08	2.17E+08	379
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	AC005682.	chr7	+	22921512	22922009	498
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP1-80N2.	chr6	-	6692977	6711235	568
ENSG0000(	1.524285	1.248751	0.22467	0.88101	0.91701	ARPC3P1	chr20	+	47751017	47751549	533
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP1-163G9	chr1	-	3049491	3050273	469
ENSG0000(	6.524438	79.46622	-3.542	3.51E-16	2.45E-15	TMEM191A	chr22	+	21055220	21058894	1961

ENSG0000(	0	0.997859	-1.5018	0.39072	NA	RP11-57I1	chr1	+	2.08E+08	2.08E+08	689
ENSG0000(	1.048164	1.40169	-0.32158	0.83269	0.88212	AC091729.	chr7	+	1120499	1121814	302
ENSG0000(	0.290301	0	0.4146	0.81455	NA	PDCL3P1	chr8	+	61299821	61300554	734
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-528N	chr3	-	40644616	40646918	717
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	NPY6R	chr5	+	1.37E+08	1.37E+08	2988
ENSG0000(	0.632843	2.261179	-1.4026	0.34571	0.44981	RP4-813D1	chr20	+	55841853	55858054	1166
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	SMARCE1P	chr6	-	85139302	85140520	1219
ENSG0000(	0.290301	1.188058	-1.0232	0.56351	NA	RP3-323P2	chrX	+	57148095	57153676	665
ENSG0000(	5.778554	5.309002	0.082222	0.92702	0.95148	CFLAR-AS1	chr2	-	2.02E+08	2.02E+08	1072
ENSG0000(	9.450594	14.64744	-0.61671	0.27672	0.37694	ZNF192P1	chr6	+	28129559	28137372	1628
ENSG0000(	7.221501	5.482958	0.37326	0.66294	0.74637	RP11-474D	chr10	-	69720459	69721221	763
ENSG0000(	0.72616	0	0.85004	0.63064	NA	AC104809.	chr2	+	2.42E+08	2.42E+08	3148
ENSG0000(	76.616	100.8076	-0.39096	0.30036	0.40189	CTA-217C2	chr22	-	45529710	45559662	1267
ENSG0000(	2.044087	23.61523	-3.3835	1.04E-05	3.32E-05	AC005682.	chr7	-	22903493	22920969	1467
ENSG0000(	0.653381	8.507348	-3.2273	0.005614	0.012371	RP11-739N	chr1	+	2.04E+08	2.04E+08	486
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC009302.	chr2	-	2.23E+08	2.23E+08	470
ENSG0000(	7.685643	12.19607	-0.63154	0.32468	0.4276	RP11-157P	chr20	-	60880488	60881381	681
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	AC105402.	chr2	-	1.5E+08	1.5E+08	545
ENSG0000(	0.342542	2.010288	-1.8748	0.22334	0.31569	AC083822.	chr3	+	1.96E+08	1.96E+08	201
ENSG0000(	1.338465	0.594029	0.81007	0.6065	0.6996	VN2R10P	chr16	+	77254303	77255155	853
ENSG0000(	1.016461	0	1.3167	0.46021	NA	RP11-145A	chr1	-	2.26E+08	2.26E+08	534
ENSG0000(	4.056471	2.445673	0.66586	0.54726	0.64731	RP11-523H	chr13	+	20248764	20250024	376
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-65J3.	chr9	+	1.32E+08	1.32E+08	800
ENSG0000(	1.8154	0	1.7256	0.33328	NA	KRT8P38	chr10	+	90487242	90488671	1430
ENSG0000(	0.580602	5.286312	-2.6198	0.03432	0.064016	AC055811.	chr17	+	17145324	17146200	877
ENSG0000(	9.462572	17.43625	-0.87432	0.12374	0.19385	RPL10AP6	chr3	-	61728129	61728780	652
ENSG0000(	0	2.324288	-2.6717	0.096097	0.15624	TERF1P5	chr13	+	19254634	19255846	1212
ENSG0000(	7.272928	0.640152	3.0426	0.007806	0.01672	AC009336.	chr2	+	1.77E+08	1.77E+08	1121
ENSG0000(	1.411244	1.995719	-0.44869	0.73082	0.80122	ST7-AS2	chr7	-	1.17E+08	1.17E+08	1351
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP3-395P1	chr1	-	1.73E+08	1.73E+08	690
ENSG0000(	0	1.98115	-2.4527	0.13291	0.20539	AC084809.	chr17	+	31203777	31205655	591
ENSG0000(	17.73998	1.355566	3.5071	3.11E-05	9.42E-05	AC058791.	chr7	-	1.31E+08	1.31E+08	2228
ENSG0000(	33.67296	20.08998	0.72372	0.11289	0.17917	RP11-119F	chr10	-	81422844	81526085	616
ENSG0000(	5.031856	24.24323	-2.2193	0.000142	0.000396	AC093375.	chr2	-	1.57E+08	1.57E+08	1603
ENSG0000(	2.003011	5.698263	-1.3449	0.24037	0.33524	PARD3-AS1	chr10	+	35104695	35105314	302
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	SORCS3-AS	chr10	-	1.06E+08	1.06E+08	1278
ENSG0000(	0.580602	14.47181	-4.0387	0.000101	0.000287	RP11-358D	chr20	+	62079404	62080682	789
ENSG0000(	2.044087	1.372552	0.45591	0.75389	0.82063	IFNA20P	chr9	+	21321299	21321826	528
ENSG0000(	3.516131	0	3.3327	0.025484	0.049108	RP11-218D	chr10	+	28293631	28293861	231
ENSG0000(	1.919068	8.992888	-2.0423	0.027234	0.052119	RPS14P3	chr1	+	19934608	19935062	455
ENSG0000(	0.342542	0	0.4146	0.81455	NA	C12orf77	chr12	-	25146358	25150453	1516
ENSG0000(	0.923144	0	1.223	0.49292	NA	AC013480.	chr2	-	42242765	42252442	346
ENSG0000(	0	4.256898	-3.6202	0.012537	0.02582	RP11-31F1	chr9	+	547317	549531	449
ENSG0000(	1.431782	0	1.7261	0.329	NA	RBMX2P1	chr21	-	16201475	16202310	836
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-735G	chr6	-	1.26E+08	1.26E+08	821
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC104058.	chr2	-	1.87E+08	1.87E+08	297
ENSG0000(	1.390706	0	1.6954	0.33813	NA	OR8T1P	chr12	-	48835813	48836730	918
ENSG0000(	28.04273	56.43932	-0.99049	0.01098	0.022872	TPI1P1	chr1	+	77165474	77166223	750
ENSG0000(	11.96901	40.15741	-1.6539	0.037699	0.069633	MRPL23-AS	chr11	-	2004467	2011150	1876
ENSG0000(	38.72633	56.84012	-0.55169	0.12104	0.19016	RP11-31F1	chr1	+	1.13E+08	1.14E+08	2314
ENSG0000(	0	4.083685	-3.5361	0.015969	0.032166	SLC25A5P5	chr7	+	32511125	32512021	897
ENSG0000(	0.943682	0.297015	0.89158	0.60669	NA	AC093642.	chr2	-	2.43E+08	2.43E+08	565
ENSG0000(	0.995923	1.029414	-0.02734	0.98622	0.99179	CTD-2015B	chr5	+	24170479	24171355	877
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-1L9.1	chrX	+	13395307	13421138	453
ENSG0000(	0	6.177355	-4.2216	0.001743	0.004166	ANKRD18D	chr3	-	1.98E+08	1.98E+08	2897
ENSG0000(	0.685084	1.730259	-0.93048	0.57001	0.6672	RP11-420K	chr1	-	39715510	39723321	558
ENSG0000(	0	1.40169	-1.7271	0.32809	NA	RP11-621K	chr4	-	62641167	62641568	402
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-506B	chr6	+	1.13E+08	1.13E+08	894
ENSG0000(	0.36308	0	0.4146	0.81455	NA	PLCL2-AS1	chr3	-	17084234	17085684	311
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	GAPDHP32	chr1	-	1.2E+08	1.2E+08	998
ENSG0000(	24.89645	1.623443	3.7175	2.06E-06	7.14E-06	XXyac-YX65	chr6	+	1.7E+08	1.7E+08	980
ENSG0000(	7.843179	16.66989	-1.0687	0.10434	0.16727	CYP2D8P1	chr22	-	42545877	42551007	1490
ENSG0000(	1.233984	3.458101	-1.2229	0.33322	0.43657	RP11-379B	chr6	-	82554902	82643197	822
ENSG0000(	0.36308	1.326428	-1.249	0.46108	NA	RP3-462C1	chr6	-	40484075	40491672	421
ENSG0000(	1.431782	0.700845	0.75326	0.63313	0.72196	RP3-512E2	chr6	+	90659835	90662905	876

ENSG0000(	0.342542	2.840639	-2.321	0.11946	0.18813	RP11-430L	chr1	-	16695645	16696025	381
ENSG0000(	0	3.501809	-3.1505	0.046269	0.083179	RP13-401N	chr20	+	25731854	25733397	320
ENSG0000(	0	4.882481	-3.8624	0.005785	0.012715	AC018641.	chr7	-	32496575	32497370	796
ENSG0000(	1.048164	2.66501	-1.1499	0.38395	0.48815	ADAM1B	chr12	+	1.12E+08	1.12E+08	2000
ENSG0000(	23.12636	18.23264	0.32474	0.51623	0.61905	CTA-292E1(	chr22	+	29196671	29244547	516
ENSG0000(	1.887365	5.788094	-1.4398	0.17586	0.25918	RP11-551L	chr12	-	31149973	31158938	616
ENSG0000(	78.68926	14.89021	2.3789	1.67E-11	8.73E-11	RP11-776H	chr1	-	61005921	61106163	1798
ENSG0000(	4.85541	7.221338	-0.56747	0.49018	0.59421	UPF3AP1	chr17	-	16648945	16650075	1126
ENSG0000(	421.8705	211.4224	0.99553	8.49E-09	3.62E-08	TMEM185E	chr2	-	1.21E+08	1.21E+08	2131
ENSG0000(	10.29061	4.303021	1.201	0.097736	0.15837	FTOP1	chr2	-	43024365	43025852	861
ENSG0000(	3.309773	1.029414	1.4048	0.29727	0.3992	RP11-524C	chr10	+	70259289	70259725	437
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	LINC00323	chr21	-	42513427	42520060	2088
ENSG0000(	0.870904	0.297015	0.71032	0.69005	NA	RP11-182B	chr1	+	2.37E+08	2.37E+08	885
ENSG0000(	0.995923	0.700845	0.40256	0.79432	NA	RP5-882O7	chr1	-	45309593	45309754	162
ENSG0000(	0.36308	0.715414	-0.51558	0.77246	NA	USF1P1	chr21	+	34706877	34707402	526
ENSG0000(	1.048164	1.531196	-0.454	0.76559	0.83041	AC016700.	chr2	-	70321026	70330352	793
ENSG0000(	0	20.65803	-5.998	2.55E-07	9.62E-07	AC007463.	chr2	-	8026901	8039786	734
ENSG0000(	7.397947	36.74275	-2.2751	1.05E-05	3.35E-05	AC104655.	chr2	+	1.06E+08	1.06E+08	797
ENSG0000(	0	8.430413	-4.6605	0.000348	0.000922	UPK1A-AS1	chr19	-	36158850	36164193	795
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	FAM138B	chr2	+	1.14E+08	1.14E+08	1232
ENSG0000(	6.835277	5.551772	0.28264	0.72444	0.79609	KIRREL-IT1	chr1	+	1.58E+08	1.58E+08	587
ENSG0000(	0.342542	0.594029	-0.38792	0.8278	NA	AC074375.	chr2	-	42907228	42907419	192
ENSG0000(	6.764291	3.801239	0.79318	0.39995	0.5046	RP1-102H1	chr6	+	88081311	88102519	542
ENSG0000(	2.914991	3.991438	-0.40741	0.66583	0.7489	RPS7P10	chr13	-	22202552	22203154	603
ENSG0000(	9.573821	3.976869	1.1999	0.13305	0.20556	RP1-37C10	chr1	+	17305421	17331586	636
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AP000289.	chr21	-	34484005	34496009	1361
ENSG0000(	0	1.058552	-1.361	0.4451	NA	RP11-348F	chrX	+	51139363	51208513	586
ENSG0000(	0.36308	1.029414	-0.84272	0.63492	NA	BTBD9-AS1	chr6	+	38449468	38450307	560
ENSG0000(	1.649304	12.95028	-2.7009	0.00812	0.017335	AC012512.	chr2	+	2.25E+08	2.25E+08	718
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	MYL6P1	chr21	-	45275771	45276223	453
ENSG0000(	2.551911	8.14152	-1.5503	0.075396	0.12702	RP4-633I8.	chr1	+	8858534	8859565	415
ENSG0000(	0.685084	0.686276	-0.00148	0.99933	NA	RP11-34H1	chr9	+	46382965	46383307	343
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	SSU72P1	chrX	+	1.14E+08	1.14E+08	583
ENSG0000(	0.580602	0.357707	0.37639	0.83285	NA	SCDP1	chr17	+	20687958	20689038	1081
ENSG0000(	0	4.008423	-3.5002	0.017901	0.035702	AGKP1	chrY	+	16750976	16752238	1263
ENSG0000(	0.36308	0	0.4146	0.81455	NA	NPM1P49	chrX	-	47298135	47299173	714
ENSG0000(	6.4431	59.77133	-3.177	1.15E-10	5.66E-10	RP11-255A	chr9	+	33580693	33605289	852
ENSG0000(	2.86275	3.108515	-0.11331	0.92202	0.94757	FTH1P20	chr2	-	1.82E+08	1.82E+08	548
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-445F	chr6	+	1.4E+08	1.4E+08	914
ENSG0000(	0.290301	0	0.4146	0.81455	NA	SPANXA2-C	chrX	+	1.41E+08	1.41E+08	1701
ENSG0000(	0.342542	1.935026	-1.8424	0.23208	0.32554	RP11-258F	chr10	-	38064299	38073059	712
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RPL39P40	chr21	-	18872997	18873142	146
ENSG0000(	2.635854	3.991438	-0.5311	0.63217	0.72124	RP4-765C7	chr1	-	1.78E+08	1.78E+08	4755
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-136K	chr6	-	1.51E+08	1.51E+08	614
ENSG0000(	4.357937	1.606458	1.2538	0.27008	0.3692	RP11-45A1	chr9	-	1.19E+08	1.19E+08	1854
ENSG0000(	12.68759	8.063842	0.62086	0.38262	0.48679	FTLP3	chr20	+	4004552	4005091	528
ENSG0000(	1.359003	0.997859	0.35215	0.79917	0.85777	RP11-276E	chr9	-	1.16E+08	1.16E+08	420
ENSG0000(	0.705622	0	0.8807	0.6196	NA	AC018696.	chr2	+	91635931	91636149	219
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	OR52M2P	chr11	-	4536196	4537154	959
ENSG0000(	0.923144	0	1.223	0.49292	NA	RPL21P11(	chr13	+	73277831	73278276	446
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	AC083855.	chr3	-	11332092	11332349	258
ENSG0000(	0.653381	1.623443	-0.98662	0.5217	0.62424	RP11-290L	chr9	+	39154072	39155476	1190
ENSG0000(	2.956066	6.997169	-1.1427	0.23303	0.32663	RP11-315I:	chr9	+	23681892	23682660	769
ENSG0000(	0	8.737965	-4.7301	0.000251	0.000678	SHANK2-AS	chr11	+	70477199	70481595	2252
ENSG0000(	2.978396	3.129532	-0.04889	0.96862	0.98241	UBE2V1P1	chr20	-	3342527	3342971	445
ENSG0000(	0	1.995719	-2.4883	0.12386	0.19391	RP5-1049N	chr7	+	1.22E+08	1.22E+08	1854
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	ACTG1P12	chr3	+	12111695	12112860	1166
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-358H	chr1	-	2.23E+08	2.23E+08	316
ENSG0000(	1.027626	3.777806	-1.5742	0.24301	0.3384	RP11-128N	chr20	+	2187863	2193797	536
ENSG0000(	2.645227	4.928605	-0.83887	0.36271	0.46686	AP006216.	chr11	+	1.17E+08	1.17E+08	419
ENSG0000(	2.323223	0.640152	1.4165	0.34064	0.44459	RP11-336A	chr10	-	5754137	5786030	945
ENSG0000(	3.95199	6.238048	-0.62437	0.4519	0.55736	RP1-1J6.2	chr20	-	39726969	39766643	1462
ENSG0000(	0.342542	0.997859	-1.0273	0.53559	NA	AC019118.	chr2	+	3160527	3161568	435
ENSG0000(	0.342542	1.638012	-1.6301	0.29933	0.40091	KIF4B	chr5	+	1.54E+08	1.54E+08	4426
ENSG0000(	0.975385	1.029414	-0.04223	0.97978	0.98885	AC005037.	chr2	+	2.02E+08	2.02E+08	501

ENSG0000(	11.05964	2.232041	2.1404	0.010218	0.02144	RP11-137H	chr10	-	82289353	82295698	598
ENSG0000(	0	3.784254	-3.3783	0.025046	0.048334	HSPA9P1	chr2	+	2.23E+08	2.23E+08	2029
ENSG0000(	0	3.290593	-3.2571	0.028994	0.055057	RP11-526D	chr9	+	95644849	95661890	3844
ENSG0000(	0.685084	0.297015	0.4735	0.79064	NA	RP11-509J	chr9	-	3684076	3689626	679
ENSG0000(	50.46584	1879.514	-5.1968	3.21E-172	4.97E-170	RP11-359N	chr6	-	14280358	14285376	3152
ENSG0000(	1.411244	12.76257	-2.9711	0.001923	0.004563	AC074093.	chr2	+	1.45E+08	1.46E+08	4635
ENSG0000(	1.660469	3.2299	-0.83939	0.4912	0.59522	RP11-666A	chr1	-	1.49E+08	1.49E+08	513
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-589B	chr10	-	81388513	81391944	606
ENSG0000(	0.685084	0.654722	0.030656	0.98584	NA	IGBP1P1	chr14	+	35408530	35409693	1009
ENSG0000(	2.31385	0.343138	2.0527	0.17691	0.26046	RP13-43E1	chrX	+	38080644	38082920	655
ENSG0000(	1.701545	0	2.2228	0.18134	NA	PWWP2AP	chr13	+	81228890	81231162	2273
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP3-418C2	chr6	+	97731179	97757924	578
ENSG0000(	0.653381	19.95074	-4.48	4.95E-06	1.64E-05	AC012309.	chr19	+	37742814	37756437	1699
ENSG0000(	3.858673	10.88991	-1.4105	0.082311	0.13688	ENTPD1-AS	chr10	-	97512963	97849995	4241
ENSG0000(	19.04414	3.025133	2.5572	0.000389	0.001024	AC005281.	chr7	+	12536055	12581536	1094
ENSG0000(	37.91867	39.62474	-0.07544	0.84101	0.88839	LENG8-AS1	chr19	-	54955991	54960223	871
ENSG0000(	30.58332	27.90448	0.12305	0.74449	0.81246	RP1-50O24	chr1	+	27202624	27204736	306
ENSG0000(	2.354926	7.888213	-1.6224	0.08836	0.14549	RP11-122K	chr10	-	1.35E+08	1.35E+08	184
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	RP11-570G	chr10	+	73949699	73950334	636
ENSG0000(	0.342542	0.715414	-0.51272	0.77372	NA	SDCBPP1	chr10	-	6335063	6336647	890
ENSG0000(	0.943682	0.654722	0.38398	0.81258	NA	RP11-426A	chr9	-	1.38E+08	1.38E+08	1117
ENSG0000(	0	2.947455	-3.0782	0.043573	0.078942	FGF12-AS3	chr3	+	1.92E+08	1.92E+08	291
ENSG0000(	37.58225	17.07372	1.1213	0.01228	0.025334	FAM66C	chr12	+	8332805	8368747	2623
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-411H	chr1	+	1.02E+08	1.02E+08	478
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-87N2	chr9	+	10613202	10618218	636
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	LINC00424	chr13	-	22446909	22449705	654
ENSG0000(	1.068702	0.357707	1.0016	0.56008	NA	RP11-142L	chr1	-	1.92E+08	1.92E+08	780
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-31L2	chr10	-	1.03E+08	1.03E+08	816
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	CTA-929C8	chr22	+	27706612	27713417	5052
ENSG0000(	26.63988	25.55676	0.050261	0.9042	0.93383	HSBP1L1	chr18	+	77724561	77730822	1057
ENSG0000(	0.342542	2.932886	-2.4071	0.096032	0.15618	AC079781.	chr7	+	97499479	97499601	123
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-115D	chr1	+	40598436	40599120	685
ENSG0000(	3.547834	3.466222	0.018924	0.98499	0.99131	SMCR5	chr17	-	17680000	17682843	2844
ENSG0000(	1.286224	3.916176	-1.4159	0.2063	0.29595	AC007966.	chr2	-	1.87E+08	1.87E+08	1179
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-513D	chr1	+	2.43E+08	2.43E+08	161
ENSG0000(	385.8558	241.4627	0.67422	2.86E-06	9.79E-06	RP11-27I1.	chr9	+	1.24E+08	1.24E+08	3519
ENSG0000(	8.184094	2.010288	1.8873	0.048147	0.086086	RP5-1024G	chr1	+	53704282	53708455	1181
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	VPS25P1	chr1	+	1.18E+08	1.18E+08	508
ENSG0000(	1.213446	1.903472	-0.49516	0.73357	0.80324	AC007365.	chr2	+	64871746	64873832	627
ENSG0000(	0.870904	0.297015	0.71032	0.69005	NA	AC079341.	chr4	+	1.23E+08	1.23E+08	2223
ENSG0000(	1.213446	0	1.5515	0.38249	NA	DISC1-IT1	chr1	+	2.32E+08	2.32E+08	762
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP4-737A2	chr1	+	58326204	58346577	1262
ENSG0000(	1.971308	1.073121	0.71616	0.6255	0.71563	TAS2R46	chr12	-	11213964	11214893	930
ENSG0000(	11.87911	10.11052	0.2079	0.7474	0.81503	SRRM5	chr19	+	44100769	44118649	2698
ENSG0000(	0.342542	1.248751	-1.1955	0.48202	NA	FABP7P1	chr1	-	2.44E+08	2.44E+08	391
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTA-747E2.	chr22	-	29495029	29507671	539
ENSG0000(	0.685084	3.175656	-1.6577	0.28015	0.38101	RP11-654E	chrX	+	23369130	23369567	438
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-38J2.	chr1	-	2.06E+08	2.06E+08	630
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	TBCAP1	chrX	+	33059512	33059838	327
ENSG0000(	2.604151	8.64975	-1.5981	0.082464	0.13707	PGAM4	chrX	-	77223458	77225135	1678
ENSG0000(	1.95077	1.073121	0.65024	0.68145	0.76188	RP1-167F1	chr6	-	19535175	19839311	794
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC110926.	chr2	+	1.28E+08	1.28E+08	2825
ENSG0000(	0.653381	0	0.82678	0.64037	NA	HNRNPA3P	chr10	-	44282860	44285865	3006
ENSG0000(	0.632843	0	0.81931	0.64303	NA	AC109826.	chr2	-	99378401	99388543	1424
ENSG0000(	0	703.8529	-10.722	1.32E-23	1.31E-22	LINC00371	chr13	-	51656984	51746524	2014
ENSG0000(	2.572449	0	2.8674	0.066043	0.11336	AC015923.	chr17	-	61458592	61491673	524
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-289F	chr9	-	83484673	83486210	791
ENSG0000(	8.601042	7.999861	0.086672	0.90624	0.93545	CACTIN-AS1	chr19	+	3607245	3613928	1913
ENSG0000(	2.873915	3.336716	-0.17691	0.87282	0.91124	OSTCP8	chr9	-	33968069	33968516	448
ENSG0000(	22.72637	8.905474	1.3221	0.01495	0.030301	RP11-203B	chr6	-	56979692	57039034	899
ENSG0000(	58.28253	0	7.4254	1.63E-11	8.49E-11	AC011893.	chr2	+	1.37E+08	1.37E+08	1862
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	MROH5	chr8	-	1.42E+08	1.43E+08	4164
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	AC005082.	chr7	+	23245632	23247664	2033
ENSG0000(	0.36308	0	0.4146	0.81455	NA	MEIS1-AS3	chr2	-	66653867	66660602	707
ENSG0000(	1.068702	0	1.3672	0.44297	NA	RP11-356N	chr1	+	1.09E+08	1.09E+08	432

ENSG0000(	6.399419	2.321872	1.3367	0.19436	0.28201	SUGT1P	chr9	-	33503653	33510709	476
ENSG0000(	55.62614	63.05943	-0.18527	0.50078	0.60444	RP4-756H1	chr7	+	66119525	66134842	508
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-363D	chr9	-	1.1E+08	1.1E+08	408
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	NPM1P11	chr7	-	11297308	11298162	855
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	RP11-278H	chr1	+	2.44E+08	2.44E+08	1799
ENSG0000(	2.592987	7.995029	-1.4955	0.10589	0.1695	AC097724.	chr2	-	28931819	28959071	726
ENSG0000(	0.975385	0	1.2767	0.47406	NA	RP11-148B	chr1	+	94798823	94800404	480
ENSG0000(	0.36308	0	0.4146	0.81455	NA	PAICSP3	chr6	+	74037247	74038740	1168
ENSG0000(	1.555988	1.043983	0.47704	0.75011	0.81726	RP11-166M	chr10	+	32570614	32571757	466
ENSG0000(	0.342542	0.715414	-0.51272	0.77372	NA	EEF1GP3	chr3	-	40637698	40638985	1288
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	LINC00348	chr13	+	71589273	71742549	948
ENSG0000(	2.842212	0.937167	1.3234	0.31052	0.41246	RP4-635E1	chr1	+	11128528	11133154	2682
ENSG0000(	1.027626	2.079102	-0.67377	0.6923	0.77062	AC004112.	chr7	-	1.12E+08	1.12E+08	561
ENSG0000(	3.713929	2.993578	0.27758	0.77365	0.83718	RP1-212P9	chr1	+	29194087	29197779	1747
ENSG0000(	4.781817	4.305438	0.15465	0.86329	0.90465	AC010894.	chr2	+	1.75E+08	1.75E+08	561
ENSG0000(	0.72616	9.871779	-3.4253	0.001849	0.004397	AC093901.	chr2	-	1.19E+08	1.19E+08	778
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-48F1	chr3	+	1.86E+08	1.86E+08	690
ENSG0000(	0	1.744828	-2.0203	0.24683	NA	RP11-569A	chr1	+	2.03E+08	2.03E+08	314
ENSG0000(	2.810509	0.297015	2.3348	0.11857	0.18705	RP11-500G	chr10	+	1.24E+08	1.24E+08	951
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	RP11-122M	chr1	-	2.12E+08	2.12E+08	174
ENSG0000(	1.649304	0.937167	0.63058	0.65265	0.73789	AC005154.	chr7	+	30583669	30584047	379
ENSG0000(	1.960143	3.276024	-0.65364	0.57102	0.66823	RP11-36N2	chr1	+	2.46E+08	2.46E+08	581
ENSG0000(	1.701545	0	2.2228	0.18134	NA	RP11-575L	chr9	+	86444571	86452776	495
ENSG0000(	0.632843	0	0.81931	0.64303	NA	GSTM3P2	chr2	-	1.6E+08	1.6E+08	441
ENSG0000(	1.317927	0	1.6383	0.35541	NA	RP4-782L2	chr1	-	60220419	60254854	767
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC093787.	chr2	-	1.33E+08	1.33E+08	207
ENSG0000(	48.45011	232.5881	-2.2583	4.91E-22	4.53E-21	ERVMER34	chr4	-	53588785	53617807	3830
ENSG0000(	0.975385	1.294874	-0.32515	0.82243	0.87489	LA16c-395	chr16	-	1675629	1676161	329
ENSG0000(	0.705622	3.723561	-2.0497	0.11362	0.18015	RP11-182I	chr1	-	65437908	65468159	2804
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-298J	chr10	-	1.27E+08	1.27E+08	830
ENSG0000(	0	1.66715	-1.9695	0.25993	NA	RP11-432J	chr10	-	1.34E+08	1.34E+08	634
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	LINC00354	chr13	+	1.13E+08	1.13E+08	376
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-561C	chr9	+	70843567	70844228	340
ENSG0000(	0.685084	0.937167	-0.31802	0.85111	NA	ISCA2P1	chr22	-	27040853	27041300	448
ENSG0000(	0.290301	6.428247	-3.5245	0.007071	0.015298	BSN-AS2	chr3	-	49586739	49591799	2603
ENSG0000(	0.580602	3.037286	-1.7266	0.26128	0.35938	RP11-328M	chr6	+	41470182	41487590	816
ENSG0000(	0.705622	0.700845	0.003311	0.99841	NA	RP11-80B9	chr1	+	2.41E+08	2.41E+08	572
ENSG0000(	5.342695	14.26705	-1.3797	0.029025	0.055111	RP5-1068B	chr1	-	2.3E+08	2.3E+08	478
ENSG0000(	1.08924	0.357707	0.88709	0.61692	NA	AC010423.	chr5	-	1.03E+08	1.03E+08	1783
ENSG0000(	1.451506	0	1.4786	0.40599	NA	AC068491.	chr2	-	1.12E+08	1.12E+08	418
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	GTF2IP2	chr21	-	14815694	14861497	697
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	NRBF2P2	chr3	+	46064788	46065648	861
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	LINC00161	chr21	+	29911640	29912677	870
ENSG0000(	2.209369	0.640152	1.433	0.30634	0.40788	CEP164P1	chr10	-	45497670	45642669	2472
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-117D	chr1	-	53814160	53814905	383
ENSG0000(	1.213446	0	1.5515	0.38249	NA	AC062021.	chr2	+	1.4E+08	1.4E+08	557
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RBMY1J	chrY	+	24454970	24564028	1921
ENSG0000(	2.229907	32.44382	-3.6859	4.23E-08	1.70E-07	IL9RP3	chr16	-	79336	88321	1674
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	ALG1L5P	chr7	+	6963435	6970466	771
ENSG0000(	5.197138	2.65044	0.90978	0.31909	0.42198	RP1-120G2	chr1	-	6264900	6265840	378
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP5-1068H	chr20	-	4610073	4610865	793
ENSG0000(	608.9384	2477.07	-2.0194	2.07E-33	3.00E-32	DANCR	chr4	+	53578597	53586518	878
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP4-714D9	chr1	+	1.01E+08	1.01E+08	252
ENSG0000(	0	5.269327	-3.9243	0.005544	0.012234	AC010890.	chr2	+	1.34E+08	1.34E+08	535
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP5-983L1	chr22	-	50111701	50118154	3775
ENSG0000(	0.943682	0.343138	0.89828	0.6031	NA	RP4-533D7	chr1	+	46512490	46514040	649
ENSG0000(	1436.401	1024.084	0.4867	0.006461	0.014083	RNA28S5	chrX	-	1.08E+08	1.08E+08	432
ENSG0000(	0.36308	0.640152	-0.51156	0.77091	NA	AC078883.	chr2	-	1.73E+08	1.73E+08	558
ENSG0000(	6.878145	3.161087	1.0592	0.27539	0.37549	RHEBP2	chr10	+	47396223	47396822	600
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC003088.	chr7	-	1.1E+08	1.1E+08	495
ENSG0000(	0.36308	0	0.4146	0.81455	NA	LINC00423	chr13	-	33451569	33485788	903
ENSG0000(	0	1.280305	-1.6305	0.35731	NA	RP11-547D	chr1	-	1980642	1981509	437
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	RP11-82H1	chr1	+	84710017	84710260	244
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AF196972.	chrX	-	48305273	48307251	1330
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP4-663N1	chr1	+	1.16E+08	1.16E+08	794

ENSG0000(	8.858826	11.85938	-0.39641	0.5257	0.62766	COX6A1P2	chr6	+	37012607	37013177	571
ENSG0000(	3.713116	1.280305	1.32	0.28507	0.38646	HMGN1P2	chr13	-	96461564	96461861	298
ENSG0000(	0.342542	2.497501	-2.0129	0.2098	0.29981	LTA	chr6	+	31539831	31542101	1507
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	ABHD17AP	chr17	+	20717933	20747570	1044
ENSG0000(	1.08924	0	1.1858	0.50299	NA	CENPC1P1	chr12	+	89893870	89896447	2578
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	RP4-591B8	chr1	+	1.15E+08	1.15E+08	427
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-142G	chrX	+	13353360	13391753	580
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	RP11-544A	chr9	+	1.34E+08	1.34E+08	559
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AL049758.	chr22	-	43249409	43249805	397
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	LINC00658	chr20	-	5407541	5451740	1542
ENSG0000(	5.30162	7.608183	-0.49976	0.50545	0.60885	NBPF2P	chr1	-	21751118	21754460	661
ENSG0000(	14.4721	1.234181	3.2228	0.000434	0.001137	RP5-956O1	chr1	-	2.3E+08	2.3E+08	861
ENSG0000(	7.520361	16.23121	-1.0754	0.063056	0.10893	RP3-417G1	chrX	+	1.33E+08	1.33E+08	416
ENSG0000(	0.580602	13.63173	-3.9233	0.000296	0.000794	RP1-97J1.2	chr6	+	1.12E+08	1.12E+08	762
ENSG0000(	24.53321	24.02389	0.030455	0.94281	0.96299	AC007285.	chr7	+	30028216	30065276	893
ENSG0000(	0.36308	0.715414	-0.51558	0.77246	NA	AC007036.	chr7	-	30216003	30218630	674
ENSG0000(	3.071713	1.280305	1.0434	0.41635	0.52145	SLC8A1-AS	chr2	+	40013593	40482349	935
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-34E5	chr10	-	98380634	98381464	831
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC105461.	chr2	-	2.33E+08	2.33E+08	391
ENSG0000(	36.68983	10.90119	1.7231	0.000132	0.000371	LINC00511	chr17	-	70319264	70636611	2265
ENSG0000(	5.404309	13.08711	-1.2403	0.082441	0.13704	AC005077.	chr7	-	75719749	75738097	2399
ENSG0000(	1.317927	0	1.6383	0.35541	NA	ITGB2-AS1	chr21	+	46340966	46349593	2282
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-98D1	chr1	+	1.52E+08	1.52E+08	386
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC012065.	chr2	-	20699331	20701071	686
ENSG0000(	0	7.763539	-4.5339	0.000592	0.001521	RP11-460I	chr1	-	28265386	28286704	491
ENSG0000(	1093.407	687.8121	0.66885	9.94E-09	4.22E-08	C14orf132	chr14	+	96505661	96560417	7774
ENSG0000(	0	1.294874	-1.8547	0.27869	NA	RP11-395B	chr7	-	1.01E+08	1.01E+08	407
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	AC009961.	chr2	-	1.61E+08	1.61E+08	251
ENSG0000(	0.72616	0.891044	-0.19964	0.90989	NA	RP11-418J	chr1	-	1.2E+08	1.2E+08	783
ENSG0000(	1138.947	1207.231	-0.08366	0.66199	0.74571	WDR46	chr6	-	33246885	33257304	2358
ENSG0000(	4.803169	5.33814	-0.16799	0.86451	0.90562	LINC00629	chrX	+	1.34E+08	1.34E+08	844
ENSG0000(	952.1995	1263.064	-0.40535	0.049156	0.087684	RPL41P1	chr20	+	21735866	21736171	306
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP3-340N1	chr1	+	20480831	20487061	2493
ENSG0000(	0.72616	1.280305	-0.59587	0.71841	0.7915	RP11-12A1	chr9	+	1.28E+08	1.28E+08	633
ENSG0000(	0.290301	1.012429	-0.95336	0.58114	NA	RP11-191G	chr1	+	51983981	52027301	362
ENSG0000(	7.665919	4.020576	0.88122	0.28414	0.38545	RP11-4E23	chr9	-	20683303	20684687	359
ENSG0000(	0.36308	0.594029	-0.39069	0.82661	NA	SDHDP2	chr7	+	1.35E+08	1.35E+08	465
ENSG0000(	1.233984	0	1.5686	0.37707	NA	RP11-4C20	chr10	+	1.3E+08	1.3E+08	371
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	AC107983.	chr17	+	18476045	18476415	371
ENSG0000(	81.89096	146.3132	-0.8345	5.13E-05	0.000151	RP11-543P	chr12	-	3320775	3321096	322
ENSG0000(	4.959078	0.357707	3.1382	0.01901	0.03771	AL592494.	chr1	+	1.21E+08	1.21E+08	3662
ENSG0000(	0	3.273608	-2.9384	0.074324	0.12551	L29074.3	chrX	-	1.47E+08	1.47E+08	534
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC084149.	chr2	-	77879539	77881794	284
ENSG0000(	0.342542	1.012429	-0.95691	0.57869	NA	RP11-565P	chr1	-	1.62E+08	1.62E+08	517
ENSG0000(	266.434	587.9085	-1.1398	1.22E-15	8.30E-15	RP11-742N	chr11	+	82400571	82400944	374
ENSG0000(	4.003417	5.31545	-0.34893	0.71158	0.786	AC096574.	chr2	+	2.39E+08	2.39E+08	2057
ENSG0000(	15.67357	10.3363	0.59363	0.27969	0.38046	LMCD1-AS1	chr3	-	7994492	8653610	2683
ENSG0000(	0	1.935026	-2.4284	0.13734	0.21062	RP1-86D1.4	chr6	+	1.29E+08	1.29E+08	339
ENSG0000(	4.906837	6.880616	-0.46283	0.56196	0.66037	RP11-460N	chr7	+	64535401	64539158	232
ENSG0000(	0	1.935026	-2.4284	0.13734	0.21062	RP11-267C	chr18	+	48872619	49088939	3188
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP3-471C1	chr6	-	19730658	19734798	470
ENSG0000(	0.632843	5.240188	-2.6039	0.029749	0.05635	CTA-85E5.1	chr22	-	30404731	30476469	902
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-319F	chr10	-	54733248	54735575	415
ENSG0000(	1.390706	0.640152	0.78915	0.61796	0.70912	RPL12P44	chr3	+	44979165	44979974	502
ENSG0000(	20.99833	91.06268	-2.1074	1.50E-10	7.34E-10	ZNF717	chr3	-	75758794	75834734	3875
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-324L	chr10	+	1.03E+08	1.03E+08	2553
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC011742.	chr2	+	26382892	26384005	434
ENSG0000(	0.685084	1.387121	-0.6933	0.67629	0.7576	RP11-545A	chr1	+	1.8E+08	1.8E+08	2471
ENSG0000(	1.431782	0	1.7261	0.329	NA	IL21-AS1	chr4	+	1.24E+08	1.24E+08	3748
ENSG0000(	1.660469	0	1.9303	0.27163	NA	RP11-473E	chr9	+	1.37E+08	1.37E+08	280
ENSG0000(	0.36308	0.715414	-0.51558	0.77246	NA	MKRNP2	chr6	+	35410821	35417643	792
ENSG0000(	0.290301	2.414118	-2.1169	0.16404	0.24477	RP11-165F	chr9	-	454304	492112	1295
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP1-65P5.2	chr11	-	32133595	32364955	760
ENSG0000(	0.632843	1.416259	-0.81358	0.60692	0.69991	AC092755.	chr15	-	59936497	59964501	97
ENSG0000(	0.632843	0	0.81931	0.64303	NA	RP5-1198C	chr1	-	44553630	44554149	520

ENSG0000(	0	2.38498	-2.6982	0.092399	0.15121	WDR11-AS	chr10	-	1.23E+08	1.23E+08	2242
ENSG0000(	3.434793	0.357707	2.547	0.081883	0.13628	AF178030.	chr8	+	1.17E+08	1.17E+08	402
ENSG0000(	0.36308	0.640152	-0.51156	0.77091	NA	AC011290.	chr7	-	39585245	39605838	414
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-214D	chr10	+	13570516	13572262	380
ENSG0000(	2.157128	0.343138	1.9572	0.20631	0.29595	AC092641.	chr2	-	1.71E+08	1.71E+08	772
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-317P	chr1	+	1.83E+08	1.83E+08	259
ENSG0000(	4.886299	1114.152	-7.6841	1.46E-61	4.38E-60	EPPK1	chr8	-	1.45E+08	1.45E+08	7997
ENSG0000(	0.995923	0.640152	0.45774	0.76749	NA	RP11-77G2	chr10	-	76783233	76784009	380
ENSG0000(	1.919068	2.041842	-0.05181	0.96529	0.97973	RP5-1104E	chr22	-	39871812	39872827	498
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC092535.	chr4	+	1145160	1147489	2165
ENSG0000(	0.290301	0.700845	-0.56655	0.74739	NA	RP1-45I4.3	chr6	-	1.43E+08	1.43E+08	552
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	RP11-439A	chr1	-	1.21E+08	1.21E+08	494
ENSG0000(	5.560218	5.926464	-0.08664	0.90876	0.9373	RP3-410C9	chr20	-	26167556	26232162	1213
ENSG0000(	1.359003	2.771825	-0.88502	0.47329	0.57792	AC009518.	chr7	+	1.33E+08	1.33E+08	799
ENSG0000(	7.105041	20.70986	-1.4931	0.008644	0.018391	ST7-AS1	chr7	-	1.17E+08	1.17E+08	1889
ENSG0000(	5.684424	0.594029	2.6804	0.034607	0.064481	RP11-121A	chr9	+	1.27E+08	1.27E+08	373
ENSG0000(	0.36308	3.633731	-2.7066	0.052599	0.092924	CNN2P1	chr22	-	30442265	30443182	918
ENSG0000(	0.653381	0.297015	0.51304	0.77085	NA	SUB1P1	chr8	+	11647514	11647897	384
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	RBMY2JP	chrY	+	7995171	8012244	1059
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	LINC00552	chr13	-	1.14E+08	1.14E+08	2577
ENSG0000(	3.922079	7.890629	-0.9461	0.26094	0.35893	AC079145.	chr2	+	20189978	20203971	541
ENSG0000(	1.265686	0	1.6147	0.36215	NA	RP5-1100E	chrX	-	1.02E+08	1.02E+08	348
ENSG0000(	3.547834	0	3.356	0.02365	0.045912	PFN1P7	chr1	-	1.49E+08	1.49E+08	399
ENSG0000(	0.653381	0.700845	-0.04855	0.97667	NA	SPATA13-A	chr13	-	24826887	24828577	433
ENSG0000(	2.729171	10.16879	-1.8105	0.030933	0.058272	HCG15	chr6	+	28953980	28955261	1032
ENSG0000(	1.161205	1.340997	-0.11579	0.93953	0.96033	RP11-445L	chr6	+	83642320	83648396	480
ENSG0000(	2.86275	3.728394	-0.31345	0.80093	0.85905	RP11-203J	chr9	+	1.31E+08	1.31E+08	1105
ENSG0000(	3.008307	5.456236	-0.78649	0.42186	0.52743	RP11-69I8.	chr6	+	1.32E+08	1.32E+08	495
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	MTND1P14	chr17	+	19505572	19506521	950
ENSG0000(	1.451506	2.757256	-0.70025	0.61679	0.70803	AC017101.	chr2	-	1.88E+08	1.88E+08	571
ENSG0000(	8.943584	0.297015	3.9434	0.002015	0.004767	RP11-261C	chr1	+	2.43E+08	2.43E+08	694
ENSG0000(	320.5075	305.1704	0.070332	0.61984	0.71075	WASH7P	chr1	-	14363	29806	1783
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTD-2021A	chr7	+	51449981	51452357	2377
ENSG0000(	0	4.069116	-3.5147	0.01742	0.034833	RP11-365D	chr1	+	2.36E+08	2.36E+08	1724
ENSG0000(	0.72616	0.357707	0.52227	0.76959	NA	AL672294.	chr1	+	2.49E+08	2.49E+08	462
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-563D	chr1	+	1.94E+08	1.94E+08	832
ENSG0000(	2.261609	1.698704	0.38219	0.748	0.81551	NBPF13P	chr1	-	1.46E+08	1.47E+08	3808
ENSG0000(	1.016461	1.294874	-0.29777	0.83702	0.88567	RP11-136C	chr3	+	43128971	43129560	509
ENSG0000(	1.669842	1.043983	0.53557	0.72026	0.79307	FAM155A-I	chr13	-	1.08E+08	1.08E+08	819
ENSG0000(	7.075943	6.999585	0.008234	0.99088	0.99525	AC105760.	chr2	-	2.38E+08	2.38E+08	2341
ENSG0000(	1.233984	0	1.5686	0.37707	NA	RP11-166M	chr10	+	32555217	32558402	696
ENSG0000(	0.290301	0.594029	-0.38058	0.83094	NA	VDAC1P12	chr13	-	34656566	34657447	882
ENSG0000(	4.044493	2.604317	0.58203	0.58908	0.68447	MIS18A-AS	chr21	+	33650174	33653299	769
ENSG0000(	1.555988	0.297015	1.4773	0.37579	NA	RP11-330M	chr9	+	99681210	99681600	391
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	SMIM2-AS1	chr13	+	44716682	44813010	499
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	YWHAZP7	chrX	-	63832512	63833142	631
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	HCG4B	chr6	-	29893760	29894750	991
ENSG0000(	0.290301	1.387121	-1.3028	0.4429	NA	RP11-305C	chr3	+	1.36E+08	1.36E+08	581
ENSG0000(	10.43535	8.572873	0.25723	0.76946	0.83357	KLLN	chr10	-	89618918	89623194	4277
ENSG0000(	0.705622	0.343138	0.57395	0.74355	NA	RP11-96L7	chr9	+	1.02E+08	1.02E+08	439
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC005358.	chr17	-	12575179	12609452	1143
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-656D	chr1	-	40980133	40980729	432
ENSG0000(	7.314004	1.234181	2.2703	0.027791	0.053061	AC015933.	chr18	+	25534483	25543651	440
ENSG0000(	2.479132	6.907338	-1.3256	0.17563	0.25887	RP11-458D	chr1	-	1.45E+08	1.45E+08	784
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-164D	chr20	+	58090246	58091094	566
ENSG0000(	18.55685	14.1554	0.38093	0.52428	0.62647	RP3-327A1	chrX	-	1.19E+08	1.19E+08	810
ENSG0000(	1.306762	11.68945	-2.9007	0.002355	0.00551	RP5-837I2.	chr1	+	81967479	81969153	1675
ENSG0000(	2.903826	1.326428	0.92119	0.50827	0.61176	HSFY3P	chrY	-	2749724	2751693	1191
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP4-544H6	chr1	-	87819207	87837338	889
ENSG0000(	1.016461	0	1.3167	0.46021	NA	AC009229.	chr2	-	38430505	38466732	622
ENSG0000(	0	1.935026	-2.4284	0.13734	0.21062	AC118345.	chr2	-	66462509	66463345	366
ENSG0000(	6.474803	0.997859	2.3959	0.029678	0.056241	AC016994.	chr2	+	1.07E+08	1.07E+08	552
ENSG0000(	0	1.730259	-1.9792	0.25882	NA	ELL2P1	chr1	-	1.58E+08	1.58E+08	1906
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP4-718J7.	chr20	-	56174751	56176256	823
ENSG0000(	1.628766	0.951736	0.6114	0.66255	0.7461	RP11-791G	chr4	-	83415939	83417431	1493

ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	AC140076.	chr3	+	17506642	17507002	361
ENSG0000(	4.283367	0	3.3212	0.038283	0.070605	RP11-282E	chr9	+	66664325	66665950	1626
ENSG0000(	0.975385	2.307303	-1.0223	0.44577	0.55121	MTND4P15	chr9	+	94873147	94874179	1033
ENSG0000(	5.281082	7.311169	-0.44454	0.56677	0.66446	RP11-258C	chrX	-	53193573	53193739	167
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	AP000998.	chr21	-	19394687	19487222	478
ENSG0000(	0	1.387121	-1.6961	0.33794	NA	AC005042.	chr2	+	1.59E+08	1.59E+08	800
ENSG0000(	0.36308	4.740822	-2.9711	0.036081	0.066978	AC139452.	chr3	+	32827138	32827608	471
ENSG0000(	0.290301	1.577319	-1.4968	0.36921	NA	HAUS6P1	chr7	+	53255081	53256631	1551
ENSG0000(	258.31	425.3635	-0.71569	1.92E-06	6.70E-06	PARG	chr10	-	51026325	51130715	2537
ENSG0000(	0.36308	0	0.4146	0.81455	NA	ARHGEF7-A	chr13	-	1.12E+08	1.12E+08	321
ENSG0000(	4.637074	11.45555	-1.2493	0.075066	0.12658	RBM26-AS1	chr13	+	79980444	79997090	1756
ENSG0000(	0	3.397409	-3.273	0.029074	0.055192	RP11-162D	chr9	+	1.24E+08	1.24E+08	440
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	LINC00866	chr10	-	99588235	99609555	418
ENSG0000(	1.628766	0.715414	0.93656	0.53818	0.63889	AC017074.	chr2	-	1.14E+08	1.14E+08	561
ENSG0000(	0.653381	0.891044	-0.31039	0.85574	NA	AC019172.	chr2	+	3891774	3895001	717
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC079753.	chr2	+	1.14E+08	1.14E+08	547
ENSG0000(	3.620613	1.638012	1.0225	0.34121	0.44511	RP4-669P1	chr22	+	42528550	42529005	456
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-3L10	chr7	+	1.21E+08	1.21E+08	418
ENSG0000(	699.3829	1450.716	-1.0517	8.33E-15	5.40E-14	TP73-AS1	chr1	-	3652548	3663900	6358
ENSG0000(	1.597063	2.681995	-0.62711	0.61013	0.70278	RP11-160H	chr1	-	1.74E+08	1.74E+08	688
ENSG0000(	0.923144	0.343138	0.88162	0.61011	NA	RP11-109A	chr10	+	1.32E+08	1.32E+08	495
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	DLG1-AS1	chr3	+	1.97E+08	1.97E+08	1694
ENSG0000(	1.991846	8.250752	-1.9217	0.029534	0.055999	FTH1P16	chr11	-	77445520	77446071	552
ENSG0000(	2.624689	1.280305	0.87229	0.48265	0.58691	PPIAP2	chr20	-	25348911	25349402	492
ENSG0000(	1.451506	0.297015	1.2347	0.48306	NA	EIF4A2P2	chr10	+	74959584	74960983	1070
ENSG0000(	0.943682	2.918317	-1.3504	0.2986	0.40041	RP11-571F	chr9	+	34191553	34191879	327
ENSG0000(	2.697468	9.532673	-1.701	0.05976	0.10415	RP11-112J	chr9	+	35772160	35790429	546
ENSG0000(	0	5.390712	-3.9322	0.005745	0.012638	HPN-AS1	chr19	-	35549963	35597208	1124
ENSG0000(	0.36308	2.558194	-2.0563	0.19625	0.2843	AC007386.	chr2	-	65187187	65187768	582
ENSG0000(	0.72616	0	0.85004	0.63064	NA	EIF2AP4	chr10	+	45301891	45303671	1781
ENSG0000(	20.86052	15.67686	0.408	0.40831	0.51314	KIF9-AS1	chr3	+	47205987	47285546	2353
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC012501.	chr2	-	1.54E+08	1.54E+08	586
ENSG0000(	0	1.188058	-1.268	0.47398	NA	RPL37P1	chr20	+	34176246	34176529	284
ENSG0000(	0	11.89335	-5.1337	5.30E-05	0.000156	AC009299.	chr2	+	1.62E+08	1.62E+08	2333
ENSG0000(	1.411244	0.715414	0.68507	0.67745	0.75844	ZMYM4-AS1	chr1	-	35824423	35831678	459
ENSG0000(	1.390706	51.42833	-4.9914	1.45E-10	7.07E-10	RP11-265B	chr9	+	71736209	71737148	822
ENSG0000(	4.056471	2.217472	0.75058	0.49297	0.59687	RP5-1042K	chr22	+	40829140	40829645	355
ENSG0000(	2.686303	0.715414	1.4362	0.35509	0.45932	RP11-397P	chr1	-	2.04E+08	2.04E+08	643
ENSG0000(	0.290301	0	0.4146	0.81455	NA	PCGEM1	chr2	+	1.94E+08	1.94E+08	1590
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	AC019185.	chr2	-	2.09E+08	2.09E+08	389
ENSG0000(	1.971308	2.041842	-0.03026	0.97974	0.98885	RP1-155G6	chr20	-	47657000	47662581	556
ENSG0000(	1.701545	0.297015	1.6662	0.28961	0.39113	AC053503.	chr2	-	2.2E+08	2.2E+08	519
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC069213.	chr3	+	1.95E+08	1.95E+08	367
ENSG0000(	1.991846	1.652581	0.23052	0.8474	0.8929	FCF1P1	chr7	+	23658952	23662445	571
ENSG0000(	5.882222	0	4.1418	0.002296	0.005381	AP001471.	chr21	-	47513178	47517444	672
ENSG0000(	4.243104	7.014154	-0.69422	0.46291	0.56805	ATP5G1P4	chr3	-	1.73E+08	1.73E+08	441
ENSG0000(	6.015801	8.834244	-0.50102	0.51171	0.61488	CTB-58E17.	chr17	+	36905613	36906969	1357
ENSG0000(	4.160139	0.700845	2.1978	0.089487	0.14705	LINC00310	chr21	+	35552978	35562220	1198
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-108B	chr10	+	22514627	22514953	327
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-169D	chr11	+	72281704	72284273	2450
ENSG0000(	4.781817	8.075122	-0.6954	0.36502	0.46941	AC073415.	chr2	+	1.09E+08	1.09E+08	153
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	AKR1B15	chr7	+	1.34E+08	1.34E+08	1989
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-295P	chr10	-	13633460	13634323	864
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-810B	chr10	-	36378014	36378317	187
ENSG0000(	2.956066	1.84278	0.55481	0.65909	0.74303	STK4-AS1	chr20	-	43592435	43595043	2065
ENSG0000(	1.016461	1.012429	0.001343	0.99932	0.99973	RP11-89N1	chr7	-	33769904	33771676	577
ENSG0000(	0.653381	0.951736	-0.39511	0.8072	NA	RP11-18B1	chr9	+	1.16E+08	1.16E+08	1223
ENSG0000(	1.306762	14.7648	-3.2251	0.000624	0.001596	RP13-188A	chrX	+	55934556	56041606	1007
ENSG0000(	7.188984	0	4.4561	0.000676	0.00172	RP11-839D	chr11	-	1.13E+08	1.13E+08	1081
ENSG0000(	1.265686	0.297015	1.2266	0.46934	NA	AC006458.	chr7	+	15105832	15108276	653
ENSG0000(	3.631777	2.886762	0.28588	0.78694	0.84758	RP11-316M	chr10	+	1.02E+08	1.02E+08	846
ENSG0000(	0.290301	0	0.4146	0.81455	NA	USP9YP14	chrY	+	20642973	20649286	563
ENSG0000(	1.45232	1.606458	-0.1305	0.93454	0.95713	AC109333.	chr17	-	4922509	4923388	583
ENSG0000(	5.166249	0.594029	2.5205	0.052768	0.093196	RP11-145A	chr1	+	2.26E+08	2.26E+08	1530
ENSG0000(	1007.538	809.0331	0.31633	0.004064	0.009173	SCAMP4	chr19	+	1905213	1926016	2954

ENSG0000(	0.72616	0.343138	0.52026	0.77047	NA	RP1-249H1	chr6	-	1.14E+08	1.14E+08	413
ENSG0000(	4.895672	4.729542	0.031054	0.97336	0.98515	LTB	chr6	-	31548302	31550299	1388
ENSG0000(	8.475209	8.394827	0.00657	0.99212	0.99579	RP11-413N	chr9	+	1.39E+08	1.39E+08	864
ENSG0000(	0.705622	5.410113	-2.5625	0.03651	0.06764	RP5-973N2	chr6	+	41836360	41837469	403
ENSG0000(	3.184754	5.257174	-0.65556	0.48042	0.58464	MIR1302-2	chr9	+	27657	30891	2923
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP13-213K	chrX	+	93574037	93575024	988
ENSG0000(	1.306762	1.340997	-0.02286	0.98697	0.99238	RPS20P15	chr3	+	27503997	27504307	311
ENSG0000(	1.016461	1.935026	-0.78432	0.56702	0.6646	RP11-223A	chr1	-	42801057	42804047	661
ENSG0000(	0.290301	0.700845	-0.56655	0.74739	NA	DIAPH3-AS	chr13	+	60586885	60618491	467
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC002542.	chr7	-	1.17E+08	1.17E+08	193
ENSG0000(	23.78651	66.10653	-1.4541	0.000961	0.00239	SLC2A1-AS	chr1	+	43424720	43449029	3075
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	RP3-323B6	chrX	+	64688967	64690260	968
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-809N	chr6	+	1.05E+08	1.05E+08	278
ENSG0000(	4.294532	4.850927	-0.17531	0.84301	0.88985	SOCS5P4	chrX	-	70263064	70265320	1566
ENSG0000(	1.887365	14.92747	-2.7635	0.001355	0.003295	RP11-152N	chr10	+	75012549	75014107	762
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP3-525N1	chrX	-	1.19E+08	1.19E+08	688
ENSG0000(	16.10364	17.5042	-0.11501	0.87129	0.91011	AC092614.	chr2	-	1.92E+08	1.92E+08	909
ENSG0000(	14.05678	18.28192	-0.3693	0.49269	0.59663	SPAG5-AS1	chr17	+	26925808	26944393	2141
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC018647.	chr7	+	35756055	35774497	1651
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-406A	chr9	-	92782936	92803781	2720
ENSG0000(	20.13598	9.246195	1.0969	0.034261	0.063927	PGM5P2	chr9	-	69080240	69147854	1968
ENSG0000(	2.759082	1.591889	0.6382	0.62639	0.71641	RP11-139K	chr10	+	1.15E+08	1.15E+08	390
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	RP5-1166A	chr7	+	1.22E+08	1.22E+08	607
ENSG0000(	4.305697	0.297015	2.9531	0.031924	0.059962	RPS3AP53	chr3	+	15182887	15183664	778
ENSG0000(	1.286224	0	1.8436	0.2818	NA	RP1-35C21	chr1	-	1.77E+08	1.78E+08	798
ENSG0000(	4.160953	0.343138	2.8024	0.050335	0.08946	RP11-262H	chr9	-	66516697	66520781	1135
ENSG0000(	0.36308	2.027273	-1.8576	0.23341	0.32704	RP11-119F	chr10	+	70434113	70434857	745
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	RP11-162A	chr10	-	1.25E+08	1.25E+08	348
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	RP5-1092A	chr1	-	3575502	3585336	754
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	ATP5G1P5	chr13	+	1.07E+08	1.07E+08	411
ENSG0000(	0.290301	0.891044	-0.7342	0.68015	NA	RP1-28O10	chr1	-	2.1E+08	2.1E+08	449
ENSG0000(	8.869991	9.848346	-0.15935	0.81609	0.8708	RP1-167A1	chr6	-	1.67E+08	1.67E+08	385
ENSG0000(	4.088174	6.673433	-0.67985	0.41576	0.52088	RP11-165J	chr9	-	96197614	96199403	691
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	SUMO2P2	chr9	+	23632104	23632358	255
ENSG0000(	8.94277	15.75045	-0.78193	0.22008	0.31195	RP11-864N	chr11	-	74456761	74457159	399
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC063976.	chr5	-	1.31E+08	1.31E+08	329
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CERS6-AS1	chr2	-	1.7E+08	1.7E+08	2890
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-492E	chr9	+	1.32E+08	1.32E+08	2449
ENSG0000(	0.923144	5.568757	-2.2459	0.045636	0.082125	ALG1L8P	chr11	+	67552744	67559806	760
ENSG0000(	2.064625	4.303021	-0.98792	0.33557	0.43921	RP1-101K1	chr6	+	1.53E+08	1.53E+08	663
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	RP4-781K5	chr1	+	2.35E+08	2.35E+08	3574
ENSG0000(	0.72616	0	0.85004	0.63064	NA	AC018804.	chr2	+	1.31E+08	1.31E+08	618
ENSG0000(	0.632843	0.297015	0.49183	0.78024	NA	RP11-431K	chr1	+	8268732	8275270	497
ENSG0000(	4.822893	4.899467	-0.01736	0.98451	0.99109	RP11-242C	chr1	+	29479001	29479503	320
ENSG0000(	3.236995	6.108542	-0.83363	0.36004	0.46418	HNRNPA1P	chr9	-	91025444	91026378	935
ENSG0000(	0	195.114	-9.0032	2.00E-16	1.41E-15	SOX21-AS1	chr13	+	95364970	95366749	1536
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	STEAP2-AS1	chr7	-	89511667	89840949	1005
ENSG0000(	0.923144	0	1.223	0.49292	NA	AC005160.	chr7	+	40815157	40824816	381
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	CLYBL-AS2	chr13	-	1E+08	1E+08	695
ENSG0000(	1.306762	2.307303	-0.68995	0.59412	0.68869	RP11-162J	chr6	-	1.49E+08	1.49E+08	714
ENSG0000(	2.250445	0.654722	1.3746	0.35539	0.45963	RP11-490F	chr9	+	96800312	96800627	316
ENSG0000(	209.799	195.574	0.099912	0.57729	0.67398	RP11-488L	chr1	-	2.47E+08	2.47E+08	1465
ENSG0000(	0	1.372552	-1.3974	0.43145	NA	RP11-243J	chr1	-	1.56E+08	1.56E+08	157
ENSG0000(	2.790785	0.594029	1.683	0.24609	0.34193	RP11-73O6	chr6	-	1.3E+08	1.3E+08	769
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC108051.	chr2	+	1.04E+08	1.04E+08	549
ENSG0000(	2.229907	0.297015	2.0357	0.18202	0.26681	RP11-307P	chr6	+	1.48E+08	1.48E+08	773
ENSG0000(	0.653381	0.343138	0.51863	0.76794	NA	RP11-445N	chr10	-	45659676	45676875	535
ENSG0000(	0	4.150082	-3.5165	0.018741	0.037225	CROCCP4	chr1	+	17076728	17077459	498
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	HNRNPA3P	chr20	+	35248806	35249826	662
ENSG0000(	0.290301	0	0.4146	0.81455	NA	SRP68P2	chr17	+	18430871	18431775	254
ENSG0000(	3.10081	2.42224	0.29183	0.8182	0.87233	MED28P3	chr2	+	1.87E+08	1.87E+08	531
ENSG0000(	0	9.701854	-4.8452	0.000192	0.000528	GSTM3P1	chr20	+	21482033	21482606	574
ENSG0000(	1.08924	0.343138	0.88459	0.61802	NA	DNMBP-AS	chr10	+	1.02E+08	1.02E+08	2034
ENSG0000(	3.942617	5.439251	-0.42123	0.63648	0.72476	AP001619.	chr21	-	43294865	43297722	447
ENSG0000(	0	2.604317	-2.8535	0.070151	0.11941	RP11-301N	chr1	+	1.48E+08	1.48E+08	517

ENSG0000(	1.068702	0	1.3672	0.44297	NA	RP11-15M:	chr20	-	51812768	51825244	485
ENSG0000(	0	12.04145	-5.1273	6.36E-05	0.000186	RP11-301G	chr6	-	68597538	68599231	1605
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-275C	chr1	-	2.28E+08	2.28E+08	619
ENSG0000(	0	7.03114	-4.4148	0.000825	0.002075	RP11-418J	chr1	-	1.2E+08	1.2E+08	898
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	MTND6P18	chr13	-	96346237	96346749	513
ENSG0000(	4.834058	14.45241	-1.4979	0.043996	0.079561	AC006042.	chr7	+	8153655	8156191	524
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	RP5-1059H	chr1	+	1.68E+08	1.68E+08	548
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTA-31J9.2	chr6	+	1.35E+08	1.35E+08	370
ENSG0000(	3.092251	1.949596	0.5653	0.61975	0.71071	GCOM2	chr4	+	68904262	68905368	1107
ENSG0000(	0	9.823239	-4.8641	0.000174	0.000481	AP001271.	chr11	-	70323382	70323697	206
ENSG0000(	0.653381	0	0.82678	0.64037	NA	MTND6P5	chr9	+	5091093	5091604	512
ENSG0000(	0	2.428687	-2.6709	0.10016	0.16168	RP4-565E6	chr1	-	1.46E+08	1.46E+08	2513
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-523K	chr1	-	2.45E+08	2.45E+08	297
ENSG0000(	1.265686	0	1.6147	0.36215	NA	RP11-318C	chr1	-	1.76E+08	1.76E+08	657
ENSG0000(	24.98121	15.27457	0.68438	0.30908	0.41086	RP11-536C	chr1	-	1.6E+08	1.6E+08	1578
ENSG0000(	5.984912	0.297015	3.3767	0.012362	0.025486	AC114788.	chr2	-	2.4E+08	2.4E+08	3489
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	AC098826.	chr2	-	1.33E+08	1.33E+08	651
ENSG0000(	1.608228	0.357707	1.4924	0.36861	0.4733	RP11-497D	chr6	+	1.47E+08	1.47E+08	455
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	AP000344.	chr22	+	23788785	23803020	641
ENSG0000(	2.096328	0.700845	1.2139	0.4222	0.52764	HCG9P5	chr6	+	29716066	29716290	225
ENSG0000(	0.290301	0	0.4146	0.81455	NA	VTI1BP4	chr9	+	1.31E+08	1.31E+08	527
ENSG0000(	0.342542	0	0.4146	0.81455	NA	GUSBP8	chr5	+	98868332	98870315	679
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC072062.	chr2	+	2.16E+08	2.16E+08	1132
ENSG0000(	2.012384	1.248751	0.53853	0.68879	0.76797	ASH1L-IT1	chr1	-	1.55E+08	1.55E+08	448
ENSG0000(	290.6453	226.4245	0.35852	0.024484	0.047345	RP1-283E3	chr1	+	1655951	1668690	1808
ENSG0000(	0	2.041842	-2.4837	0.12741	0.19837	RP4-738P1	chr1	+	1.69E+08	1.69E+08	618
ENSG0000(	1.503747	0.715414	0.77806	0.63645	0.72476	XXyac-YX15	chr1	+	1.48E+08	1.48E+08	1537
ENSG0000(	7.645381	4.989297	0.58673	0.42902	0.53449	GLUD1P2	chr10	+	48952491	48980269	932
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC002553.	chr17	+	15943505	15943994	81
ENSG0000(	0	1.340997	-1.8899	0.26871	NA	RP11-266I:	chr1	+	67240729	67241261	360
ENSG0000(	0.290301	1.591889	-1.5998	0.31468	NA	AC012363.	chr2	+	1.21E+08	1.21E+08	771
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC015922.	chr17	+	15732683	15767467	1074
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP13-210D	chrX	+	1.34E+08	1.34E+08	556
ENSG0000(	27.24282	15.52466	0.80883	0.081072	0.13507	AC012358.	chr2	+	55451416	55453044	1434
ENSG0000(	0.290301	0.715414	-0.50514	0.77701	NA	RP11-239H	chr6	+	20212318	20294706	191
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-248J:	chr10	-	97759535	97760000	466
ENSG0000(	0.943682	5.444956	-2.1829	0.063858	0.11017	RP4-773A1	chr1	+	1.12E+08	1.12E+08	2131
ENSG0000(	1.359003	0.640152	0.80743	0.58991	0.68514	RP1-180M:	chr22	-	32286330	32287420	490
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-195C	chr1	+	1.76E+08	1.76E+08	795
ENSG0000(	0.685084	0	0.85004	0.63064	NA	AL392086.	chr10	-	6867825	6868186	360
ENSG0000(	0	1.326428	-1.6486	0.3523	NA	AC006370.	chrY	+	15863673	15970474	689
ENSG0000(	56.17504	10.60659	2.37	3.56E-08	1.44E-07	SLC9A7P1	chr12	-	98847613	98850923	3311
ENSG0000(	99.36053	67.62383	0.55695	0.02611	0.050172	RP11-958N	chr16	+	16450081	16471364	9932
ENSG0000(	2.064625	0.343138	1.8971	0.21788	0.30936	AC008850.	chr5	+	96278003	96278888	362
ENSG0000(	0.290301	71.0875	-6.8538	2.84E-11	1.46E-10	RP1-213J1	chr22	-	28072556	28110959	819
ENSG0000(	2.624689	0	2.9014	0.06135	0.10638	RP13-143G	chr6	-	1.36E+08	1.36E+08	1570
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-184B	chr9	-	1.28E+08	1.28E+08	442
ENSG0000(	1.390706	1.903472	-0.38304	0.79233	0.85237	SUCLA2-AS	chr13	+	48575525	48576688	552
ENSG0000(	0.36308	0.700845	-0.575	0.7429	NA	RP11-156G	chr9	+	35592783	35592948	166
ENSG0000(	27.24461	26.55865	0.034676	0.93802	0.95911	AC007276.	chr7	+	29689843	29782210	2326
ENSG0000(	0.995923	1.828211	-0.7278	0.61071	0.70319	RP4-533D7	chr1	+	46600203	46604753	339
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	RP4-805N2	chr1	-	23337327	23342343	510
ENSG0000(	0.632843	0.343138	0.49756	0.77728	NA	RP11-807H	chr7	+	1.25E+08	1.25E+08	531
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-426M	chr1	-	12140350	12140604	255
ENSG0000(	1.338465	0.686276	0.71882	0.64669	0.73297	RP11-59J5.	chr10	-	61496753	61513203	870
ENSG0000(	0.705622	3.38284	-1.9268	0.14033	0.21424	PSPC1P1	chr13	-	19775777	19801572	665
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	ATP6V0E1P	chr1	+	48015868	48016425	242
ENSG0000(	9.752874	5.903031	0.65442	0.42712	0.53254	RP11-79N2	chr6	-	53605547	53611820	850
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-459K	chr1	-	2.09E+08	2.09E+08	330
ENSG0000(	3.879211	4.989297	-0.32857	0.70528	0.78094	FAM66A	chr8	+	12219527	12268510	921
ENSG0000(	2.023549	0	2.432	0.14018	0.21407	LINC00352	chr13	+	24072935	24077013	552
ENSG0000(	10.27007	26.4413	-1.339	0.009484	0.020016	RP11-77P6	chr10	+	88281702	88282443	643
ENSG0000(	1.265686	0	1.6147	0.36215	NA	SNAP25-AS	chr20	-	10002620	10349424	3207
ENSG0000(	0	3.717114	-3.3236	0.03054	0.057622	CTD-2031P	chr5	+	55290995	55299477	2289
ENSG0000(	0.923144	0	1.223	0.49292	NA	RP11-141M	chr13	-	33907983	33909403	466

ENSG0000(	0	0.297015	-0.41864	0.81278	NA	KRT8P44	chr6	+	1.63E+08	1.63E+08	1350	
ENSG0000(	0.975385	1.698704	-0.63147	0.65184	0.7372	RP11-130C	chr9	-	673478	685555	1120	
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP1-153P1	chr6	+	37512921	37518636	998	
ENSG0000(	2.105701	1.029414	0.73831	0.64522	0.732	AL353791.	chr9	+	40028620	40032417	3798	
ENSG0000(	0.685084	0.343138	0.48017	0.78775	NA	RP11-191N	chr1	-	2.22E+08	2.22E+08	423	
ENSG0000(	0	1.073121	-1.1788	0.50551	NA	MACROD2-	chr20	+	14535030	14617170	665	
ENSG0000(	0.36308	1.043983	-0.98453	0.56694	NA	SRGAP3-AS	chr3	+	9258579	9259771	567	
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-331F	chr9	+	35646267	35647096	574	
ENSG0000(	0.943682	0.700845	0.33849	0.83415	NA	RP11-423F	chr1	+	2.31E+08	2.31E+08	573	
ENSG0000(	0	1.591889	-2.1342	0.20414	NA	RP6-102O1	chr1	+	57852248	57853122	708	
ENSG0000(	0.342542	1.66715	-1.521	0.35886	0.46305	RPL3P2	chr6	+	31248094	31249296	1203	
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-103C	chr6	+	1.28E+08	1.28E+08	752	
ENSG0000(	21.27405	94.38005	-2.1186	2.18E-09	9.78E-09	AC007383.	chr2	+	2.07E+08	2.07E+08	752	
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-543D	chr1	+	48154135	48169055	815	
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	AC003989.	chr7	+	1.11E+08	1.11E+08	565	
ENSG0000(	0.870904	1.591889	-0.62638	0.67983	0.76041	RP11-312B	chr1	-	6894393	6894678	286	
ENSG0000(	5.144897	3.212915	0.61387	0.54719	0.64731	RP11-439E	chr1	+	2.47E+08	2.47E+08	2600	
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-704J	chr6	-	1.34E+08	1.34E+08	753	
ENSG0000(	5.281082	2.399549	1.063	0.27942	0.38019	RP11-276H	chr1	+	16481706	16483824	904	
ENSG0000(	0	1.591889	-2.1342	0.20414	NA	RP5-837I24	chr1	+	81970784	81971981	343	
ENSG0000(	0.342542	0.640152	-0.50911	0.77219	NA	RP11-382D	chr1	+	2.36E+08	2.36E+08	282	
ENSG0000(	3.755005	5.989573	-0.63402	0.51053	0.61384	RP5-1074L	chr1	-	1.11E+08	1.11E+08	2611	
ENSG0000(	2.540746	1.888903	0.35571	0.78026	0.84228	RP5-1112F	chr20	-	50448336	50479451	2326	
ENSG0000(	1.669842	0	1.9671	0.26049	NA	PRKRIRP3	chr10	+	54170895	54173252	2266	
ENSG0000(	4.804961	2.010288	1.1117	0.32338	0.42632	PIN4P1	chr15	-	44168047	44168442	396	
ENSG0000(	0	2.65044	-2.9164	0.059842	0.10422	TRIM60P18	chr7	+	63815456	63816577	828	
ENSG0000(	19.13232	0	5.8184	1.51E-06	5.30E-06	AC108463.	chr2	-	1.12E+08	1.12E+08	347	
ENSG0000(	1.939605	8.856934	-2.0288	0.02421	0.046876	MTND5P1	chr21	-	45893606	45894980	1375	
ENSG0000(	1.359003	2.589748	-0.83624	0.48475	0.58873	RPL7AP65	chr17	+	18215218	18215965	748	
ENSG0000(	0.685084	0	0.85004	0.63064	NA	DHX9P1	chr13	+	77559003	77562078	3076	
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC020743.	chr7	-	50181136	50182419	767	
ENSG0000(	0.36308	2.056411	-1.8964	0.21731	0.30867	AC011933.	chr17	+	73334908	73335228	321	
ENSG0000(	2.375464	0.98329	1.0352	0.44332	0.54895	CTD-2330K	chr3	+	49941278	49954370	600	
ENSG0000(	3.858673	7.31929	-0.86925	0.30507	0.40665	AC073343.	chr7	+	6703605	6748532	564	
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-321E	chr7	+	63929563	63931031	1469	
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC074338.	chr7	-	33168600	33168755	156	
ENSG0000(	1.503747	0	1.8221	0.30126	NA	RAPGEF4-A	chr2	-	1.74E+08	1.74E+08	4625	
ENSG0000(	3.423628	1.935026	0.70837	0.51579	0.61867	RP11-166C	chr7	-	66772592	66773343	378	
ENSG0000(	1.370168	0.654722	0.70321	0.67494	0.75646	RP11-383C	chr10	+	1.27E+08	1.27E+08	3530	
ENSG0000(	0.995923	1.888903	-0.79027	0.55413	0.65347	HCG20	chr6	+	30734602	30760027	1202	
ENSG0000(	7.148722	1.340997	2.1939	0.031253	0.058775	AC069257.	chr3	+	1.96E+08	1.96E+08	422	
ENSG0000(	1.649304	0	2.1906	0.18857	NA	AC078842.	chr7	-	1.37E+08	1.37E+08	553	
ENSG0000(	1.027626	0.937167	0.069563	0.96674	0.98099	AC010967.	chr2	-	52949815	53137158	489	
ENSG0000(	1.370168	0	1.3929	0.43293	NA	RP4-663N1	chr1	+	1.16E+08	1.16E+08	2610	
ENSG0000(	0.72616	2.087966	-1.1167	0.48434	0.58847	RP3-395M2	chr1	+	2512999	2515972	626	
ENSG0000(	0	28.37874	-6.4399	1.70E-08	7.08E-08	VN1R51P	chr9	-	99855976	99856920	945	
ENSG0000(	1.939605	6.29874	-1.5568	0.098541	0.15945	AC097721.	chr2	-	1.39E+08	1.39E+08	928	
ENSG0000(	0	1.623443	-1.9406	0.26756	NA	DNAJA1P6	chr22	-	17997708	17998061	354	
ENSG0000(	2.729171	0	2.877	0.069197	0.11795	POLR2J2	chr7	-	1.02E+08	1.02E+08	1714	
ENSG0000(	0.685084	1.638012	-0.9712	0.52341	0.62585	TOP3BP1	chr22	-	22577580	22578959	1380	
ENSG0000(	0.943682	0.297015	0.89158	0.60669	NA	RP11-151F	chr9	-	1.13E+08	1.13E+08	478	
ENSG0000(	1.265686	0	1.6147	0.36215	NA	RANP5	chr1	+	1.1E+08	1.1E+08	655	
ENSG0000(	0	4.914036	-3.863	0.005903	0.012954	CFL1P3	chr1	-	64308862	64309356	490	
ENSG0000(	3.132513	0.700845	1.8296	0.17263	0.25523	SEC63P1	chr1	+	98011257	98012514	1258	
ENSG0000(	5.943836	6.50834	-0.12949	0.88206	0.91786	RP11-69E1	chr1	+	40030832	40038875	551	
ENSG0000(	2.407167	1.012429	1.0323	0.44146	0.54726	Z83001.1	chr11	-	31658875	31789501	598	
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-135J	chr1	-	2.19E+08	2.19E+08	724	
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC023469.	chr2	+	1.52E+08	1.52E+08	657	
ENSG0000(	32.87142	37.3392	-0.17456	0.64001	0.72726	RP11-222A	chr10	+	67330208	67526299	1227	
ENSG0000(	1.027626	4.008423	-1.6481	0.2136	0.30426	RP11-100G	chr9	+	94871295	94872377	779	
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RPL7P47	chr16	+	18026577	18027132	556	
ENSG0000(	1.317927	0.686276	0.64816	0.69683	0.77397	AC133106.	chr2	+	1.9E+08	1.9E+08	397	
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	UBBP5	chr13	+	87871259	87871524	266	
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	BOD1L2	chr18	+	54814293	54817531	3239	
ENSG0000(	0.72616	1.545765	-0.79253	0.62975	0.71935	RP11-475E	chr1	-	1.09E+08	1.09E+08	744	

ENSG0000(	0	0.297015	-0.41864	0.81278	NA	HLA-U	chr6	+	29901878	29902063	186
ENSG0000(	1.286224	2.416535	-0.72404	0.59904	0.69309	AC012368.	chr2	-	64313484	64315380	563
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-385N	chr1	+	2.09E+08	2.09E+08	362
ENSG0000(	4.12925	4.522358	-0.13635	0.89958	0.9305	RP5-884G6	chr1	-	1E+08	1E+08	655
ENSG0000(	1.048164	0	1.348	0.44949	NA	RP5-837M:	chr1	-	1.01E+08	1.01E+08	592
ENSG0000(	0.870904	6.03328	-2.3432	0.047007	0.084319	RP1-197O1	chrX	-	1.31E+08	1.31E+08	430
ENSG0000(	19.79344	21.91491	-0.15096	0.72507	0.79654	RP11-452F	chr1	+	2.23E+08	2.23E+08	767
ENSG0000(	8.030791	7.129091	0.14932	0.837	0.88567	AP000692.	chr21	+	37732928	37734338	596
ENSG0000(	0.975385	0	1.2767	0.47406	NA	AC092839.	chr2	-	54743185	54767834	536
ENSG0000(	5.955001	19.49837	-1.6703	0.005263	0.011676	MFI2-AS1	chr3	+	1.97E+08	1.97E+08	951
ENSG0000(	0.685084	2.307303	-1.3895	0.34112	0.44506	ST13P19	chr1	-	2.1E+08	2.1E+08	1124
ENSG0000(	0.653381	0.357707	0.52032	0.76705	NA	AC003991.	chr7	+	87848674	87921781	821
ENSG0000(	0.290301	3.273608	-2.4211	0.12033	0.18926	RP11-165F	chr9	+	487774	495610	403
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AP001631.	chr21	-	44579176	44582387	1052
ENSG0000(	0.685084	0.654722	0.030656	0.98584	NA	RP1-122O8	chr6	+	90383188	90385502	472
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	RP11-516A	chrX	+	67352710	67353279	570
ENSG0000(	7.116206	6.518077	0.12143	0.87671	0.91428	LINC00568	chr1	+	1.5E+08	1.5E+08	566
ENSG0000(	0	2.041842	-2.4837	0.12741	0.19837	RP11-12L8	chr1	+	1.16E+08	1.16E+08	1396
ENSG0000(	0.705622	0	0.8807	0.6196	NA	AC099684.	chr17	+	1921010	1924000	1747
ENSG0000(	0	1.355566	-1.9006	0.26573	NA	AC073128.	chr2	-	2.2E+08	2.2E+08	1011
ENSG0000(	5.592734	2.765378	0.85934	0.45733	0.56257	AP001469.	chr21	+	47666804	47667596	390
ENSG0000(	0.36308	0	0.4146	0.81455	NA	GS1-421I3.	chrX	-	1.19E+08	1.19E+08	279
ENSG0000(	0.995923	1.606458	-0.5669	0.68944	0.76855	RP3-467K1	chr1	-	15729475	15735929	5178
ENSG0000(	0	3.212915	-2.9127	0.077518	0.13005	AC105339.	chr15	-	83379223	83382778	2569
ENSG0000(	10.27007	9.641162	0.074181	0.91169	0.93961	CASP16	chr16	+	3194220	3199964	2161
ENSG0000(	0	1.638012	-2.1885	0.18912	NA	RPL3P1	chr21	-	37541268	37542478	1211
ENSG0000(	4.689314	8.729844	-0.86038	0.24458	0.34032	RP11-84A1	chr1	+	10002981	10010032	440
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	AC004941.	chr7	+	1.49E+08	1.49E+08	3120
ENSG0000(	0	2.324288	-2.6717	0.096097	0.15624	RP11-23I7.	chr1	+	2.05E+08	2.05E+08	445
ENSG0000(	0.342542	1.326428	-1.2461	0.46257	NA	AL589685.	chr1	+	1.56E+08	1.56E+08	177
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-410N	chr20	+	31169765	31181702	370
ENSG0000(	0	8.012014	-4.6056	0.000394	0.001037	AC007952.	chr17	+	18996287	19000150	1921
ENSG0000(	1.370168	9.983427	-2.5462	0.025172	0.048539	TLE1P1	chrX	+	64627964	64628565	589
ENSG0000(	0.342542	0	0.4146	0.81455	NA	MTND1P11	chr9	+	5094139	5095014	876
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	PPIAP19	chr10	-	1.16E+08	1.16E+08	492
ENSG0000(	0.36308	0.594029	-0.39069	0.82661	NA	AC121251.	chr3	-	23431152	23431400	249
ENSG0000(	1.733248	0.357707	1.5335	0.35837	0.46266	RP1-317E2	chr1	-	26143240	26146263	517
ENSG0000(	4.148974	31.29464	-2.8063	2.18E-06	7.53E-06	GEMIN8P4	chr1	-	90459152	90459880	729
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP4-656G2	chr1	-	30181698	30182394	498
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-455B	chr10	-	15213035	15213277	243
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	RP11-363H	chr1	+	77660510	77661080	571
ENSG0000(	0.870904	0.297015	0.71032	0.69005	NA	RP11-342N	chr1	-	43307569	43312058	610
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-498B	chr10	+	1.19E+08	1.19E+08	881
ENSG0000(	0	1.40169	-1.7271	0.32809	NA	PTPN2P1	chr1	-	1.79E+08	1.79E+08	1072
ENSG0000(	4.793796	1.40169	1.5795	0.17356	0.25638	AL022341.	chr16	-	698473	699200	389
ENSG0000(	74.45536	20.77056	1.8232	1.61E-08	6.74E-08	RNF144A-A	chr2	-	7052408	7058813	2954
ENSG0000(	0	8.576905	-4.7259	0.000215	0.000587	RP4-724E1	chr7	+	50934444	51090687	762
ENSG0000(	4.741555	1.713273	1.3357	0.20838	0.29834	RP11-778D	chr3	+	1.84E+08	1.84E+08	732
ENSG0000(	0.870904	2.543625	-1.1862	0.40695	0.51174	OFD1P17	chr5	+	37209466	37212483	3018
ENSG0000(	1.359003	1.355566	-0.00028	0.99983	0.99987	NLGN1-AS1	chr3	-	1.74E+08	1.74E+08	815
ENSG0000(	10.54244	19.99686	-0.91297	0.12582	0.19642	LINC00693	chr3	+	28616282	28799296	1609
ENSG0000(	1.742621	2.370411	-0.38035	0.77806	0.84057	AL390877.	chr1	-	1.18E+08	1.18E+08	420
ENSG0000(	1.08924	2.993578	-1.2431	0.35879	0.46305	ATF4P3	chr17	-	74221832	74222887	1056
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	NPM1P30	chr10	+	21399611	21402317	828
ENSG0000(	6.318081	24.79596	-1.9342	0.000336	0.000893	AC074363.	chr2	+	1.68E+08	1.68E+08	462
ENSG0000(	462.1436	266.5188	0.78984	0.001313	0.003198	HCG11	chr6	+	26522076	26526807	4732
ENSG0000(	10.10397	23.65161	-1.1943	0.014769	0.029953	GAPDHP1	chrX	-	39646386	39647390	1005
ENSG0000(	3.609448	2.979009	0.25291	0.80431	0.86166	EFCAB14-A:	chr1	+	47139708	47157770	500
ENSG0000(	0.342542	0	0.4146	0.81455	NA	MOB1AP1	chr13	+	86543134	86543668	535
ENSG0000(	2.686303	2.027273	0.34475	0.78785	0.8483	AC093495.	chr3	+	14186320	14189784	575
ENSG0000(	11.96901	0.343138	4.3251	0.000473	0.001232	RP11-436G	chr9	+	45949232	45949823	592
ENSG0000(	0.72616	0	0.85004	0.63064	NA	UBBP2	chr1	-	2.18E+08	2.18E+08	231
ENSG0000(	3.704556	3.573038	0.031762	0.9746	0.98577	AC012442.	chr2	+	1.13E+08	1.13E+08	529
ENSG0000(	21.5901	13.07012	0.7006	0.15765	0.23692	COL6A4P2	chr3	+	1.3E+08	1.3E+08	2612
ENSG0000(	51.67154	128.305	-1.306	2.59E-05	7.92E-05	MT-ATP8	chrMT	+	8366	8572	207

ENSG0000(	0	2.278164	-2.6634	0.096176	0.1563	AC136604.	chr5	+	1.79E+08	1.79E+08	777
ENSG0000(	4.979616	5.361573	-0.09856	0.90281	0.93274	RP11-127L	chr10	+	1.06E+08	1.06E+08	954
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	AC073218.	chr2	+	34902646	34963298	1205
ENSG0000(	10.64171	14.77125	-0.45355	0.44483	0.5504	RP5-1125A	chr20	-	32570858	32582163	660
ENSG0000(	0.995923	1.372552	-0.33699	0.82916	0.87967	RP11-513G	chr3	+	1.94E+08	1.94E+08	1771
ENSG0000(	53.47594	27.86164	0.9241	0.010855	0.022646	RP3-508I15	chr22	-	39063590	39077825	1325
ENSG0000(	0.36308	2.324288	-2.0595	0.17468	0.2578	ORM2	chr9	+	1.17E+08	1.17E+08	980
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-367B	chr10	+	77502498	77503513	434
ENSG0000(	0.632843	0	0.81931	0.64303	NA	RP11-497D	chr6	-	1.47E+08	1.47E+08	1466
ENSG0000(	0.290301	1.294874	-1.3421	0.40775	NA	LYPLA2P1	chr6	-	33333325	33334020	696
ENSG0000(	66.60599	130.0271	-0.95793	0.001712	0.004096	KDM5B-AS	chr1	+	2.03E+08	2.03E+08	748
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP4-640E2	chr1	-	1.64E+08	1.64E+08	353
ENSG0000(	7.117019	0	4.4068	0.000923	0.002303	RP11-132M	chr6	+	85399143	85419252	762
ENSG0000(	0.342542	0.937167	-0.89746	0.60352	NA	RP11-220I	chr9	-	37205109	37205365	257
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	RP4-686C3	chr20	+	2644998	2646520	872
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AL589743.	chr14	-	19670480	19686002	777
ENSG0000(	617.1802	862.5565	-0.48099	7.10E-05	0.000206	C19orf24	chr19	+	1275026	1279248	1653
ENSG0000(	26.04991	16.76938	0.62128	0.17657	0.26008	RP11-186M	chr10	-	12286750	12289844	1914
ENSG0000(	3.64115	7.786229	-1.0472	0.19671	0.28468	AC016734.	chr2	-	63849309	63849965	657
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-255G	chr3	-	1.77E+08	1.77E+08	2400
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	GAPDHP45	chr10	-	15135262	15135610	349
ENSG0000(	5.632997	2.292733	1.1945	0.19436	0.28201	CTD-2555K	chr14	-	23064715	23067855	2673
ENSG0000(	219.5066	179.2354	0.28935	0.16434	0.24515	GUSBP11	chr22	-	23980674	24059543	5004
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	RP11-522L	chrX	+	1.02E+08	1.02E+08	659
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-358M	chr9	+	4299390	4306046	873
ENSG0000(	1.701545	2.604317	-0.56116	0.63213	0.72123	AC008753.	chr19	-	54357835	54372361	439
ENSG0000(	38.79895	43.98275	-0.18873	0.57969	0.67609	RP11-206L	chr1	-	700237	714006	1317
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	RP11-516A	chrX	-	67290362	67291609	1248
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-730A	chr10	-	13184185	13184977	793
ENSG0000(	0.705622	0	0.8807	0.6196	NA	AC073063.	chr7	-	99040513	99041119	607
ENSG0000(	0.36308	0.951736	-0.91212	0.59701	NA	AMD1P1	chr10	+	20638978	20640029	922
ENSG0000(	2.592987	0	2.8438	0.071235	0.12092	RP5-1043L	chr20	+	58662895	59102516	2043
ENSG0000(	118.6051	93.92897	0.33863	0.22675	0.31967	RP11-1148	chrX	-	48438162	48439545	450
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	EFCAB14P1	chr1	+	35587623	35588085	463
ENSG0000(	1.286224	6.459801	-2.105	0.038997	0.071752	RP11-148G	chr3	+	48701209	48706607	196
ENSG0000(	5.955001	4.487515	0.39712	0.65575	0.74054	RP11-537H	chr9	+	34084330	34096223	635
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-184A	chr10	+	3810107	3810943	313
ENSG0000(	2.032922	0.297015	1.7795	0.27748	0.3778	AC113617.	chr4	+	1.18E+08	1.18E+08	601
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-365F	chr7	-	1.39E+08	1.39E+08	275
ENSG0000(	6.898683	1.340997	2.1712	0.028419	0.054104	AC015971.	chr2	+	86789193	86845889	1948
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-18B3	chr9	-	1.08E+08	1.08E+08	492
ENSG0000(	0.290301	3.679854	-2.7377	0.05158	0.091394	RP11-91A1	chr1	+	52516590	52518355	391
ENSG0000(	0	19.97417	-5.9474	3.63E-07	1.35E-06	RP11-497K	chr9	+	90038549	90038808	260
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC012497.	chr2	-	1.4E+08	1.4E+08	575
ENSG0000(	0.290301	14.03885	-4.6412	7.53E-05	0.000218	RP11-520B	chr9	-	99837953	99844227	2262
ENSG0000(	0.632843	0.343138	0.49756	0.77728	NA	AC016697.	chr2	-	2.09E+08	2.09E+08	615
ENSG0000(	0.290301	0	0.4146	0.81455	NA	ITPKB-IT1	chr1	-	2.27E+08	2.27E+08	746
ENSG0000(	1.960143	1.029414	0.68938	0.66223	0.74588	AC007040.	chr2	+	71221573	71229884	1211
ENSG0000(	0.342542	1.684135	-1.6365	0.30118	0.40267	RP5-1125A	chr20	-	32602775	32605555	603
ENSG0000(	15.02279	3.307578	2.0766	0.005807	0.012761	AC068039.	chr2	+	1.73E+08	1.73E+08	2102
ENSG0000(	27.03629	22.48221	0.24788	0.60063	0.69449	RP11-325F	chr7	-	1.05E+08	1.05E+08	686
ENSG0000(	21.66964	5.941033	1.8169	0.001494	0.003608	RP11-216B	chr9	-	1.31E+08	1.31E+08	970
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP1-224A6	chr1	-	22350487	22351461	615
ENSG0000(	1.027626	2.445673	-0.93012	0.54967	0.64947	RP4-800M	chr1	-	52625933	52626272	340
ENSG0000(	84.19365	145.1055	-0.77953	0.003792	0.008596	CCT6P1	chr7	+	65216129	65228341	1315
ENSG0000(	3.092251	3.2299	-0.08431	0.93552	0.95758	CDY4P	chrY	-	14913906	14915763	1513
ENSG0000(	1.919068	0.700845	1.2029	0.39689	0.50145	RP4-625H1	chr6	-	19803602	19804973	1016
ENSG0000(	0	1.698704	-2.2257	0.18075	NA	AC024937.	chr3	+	1.96E+08	1.96E+08	344
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC010733.	chr2	-	61052267	61108449	1705
ENSG0000(	13.1739	6.627309	0.96036	0.12543	0.19591	PTMAP1	chr6	+	30601409	30601675	267
ENSG0000(	0.685084	0.951736	-0.32904	0.84594	NA	CTSL1P3	chr10	-	48980162	48981273	393
ENSG0000(	0	6.566617	-4.3192	0.001178	0.002891	RP4-735C1	chr1	+	1.1E+08	1.1E+08	476
ENSG0000(	4.679941	0.715414	2.2815	0.086473	0.14285	AC005013.	chr7	+	28997283	28998961	588
ENSG0000(	2.032922	7.968307	-1.8306	0.057781	0.10101	RP4-633I8.	chr1	+	8865919	8867110	353
ENSG0000(	1.213446	0	1.5515	0.38249	NA	ARL5AP3	chr1	-	68515043	68515428	386

ENSG0000(	24.0178	13.09926	0.84818	0.089785	0.14744	AC004951.	chr7	-	44043645	44047465	1866
ENSG0000(	8.536009	2.558194	1.5914	0.099513	0.16081	RP5-864K1	chr1	+	39325672	39385068	630
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-400N	chr1	+	2.22E+08	2.22E+08	1148
ENSG0000(	15.51945	16.64149	-0.08933	0.86692	0.90732	TSTD3	chr6	+	99968569	99979794	962
ENSG0000(	8.68238	8.959718	-0.06014	0.93542	0.95756	RP11-173B	chr13	-	76203370	76206271	2044
ENSG0000(	2.003011	1.531196	0.28038	0.84885	0.89393	AC073052.	chr2	-	2.25E+08	2.25E+08	714
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP1-154J1.	chrX	-	1.31E+08	1.31E+08	608
ENSG0000(	11.54774	14.59078	-0.33782	0.584	0.67987	SDAD1P1	chr8	-	26236775	26240469	3174
ENSG0000(	13.17471	13.50309	-0.04613	0.93775	0.95891	RP5-994D1	chr1	-	43241484	43242461	484
ENSG0000(	1.317927	0	1.6383	0.35541	NA	CXorf28	chrX	+	3189861	3202694	674
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-445N	chr10	-	45568594	45568989	396
ENSG0000(	6.858421	3.215331	0.98783	0.28394	0.38526	AP006222.	chr1	-	227615	267253	2257
ENSG0000(	0.870904	0	1.046	0.5544	NA	RP11-402N	chr9	+	38804004	38851913	891
ENSG0000(	8.184907	1.995719	1.9099	0.029236	0.055485	RP11-176D	chr1	-	2.15E+08	2.15E+08	518
ENSG0000(	638.8053	282.9449	1.1726	6.31E-11	3.17E-10	OST4	chr2	-	27293340	27294641	561
ENSG0000(	10.33266	7.959443	0.35224	0.622	0.71247	RP3-342P2	chr1	+	40428352	40429076	725
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	AC130464.	chr16	-	26366117	26369676	1500
ENSG0000(	0.342542	0	0.4146	0.81455	NA	U51244.2	chr2	-	45901840	45902615	374
ENSG0000(	0	1.029414	-1.1526	0.51496	NA	RP11-106N	chr10	+	1.17E+08	1.17E+08	2378
ENSG0000(	1.576526	0.343138	1.5802	0.31968	0.42255	RP11-567J	chr10	+	1.21E+08	1.21E+08	400
ENSG0000(	12.3664	17.11339	-0.47178	0.3995	0.5042	AC017099.	chr2	+	98280680	98319527	1356
ENSG0000(	1.794862	6.434694	-1.6823	0.12655	0.19727	RP13-225C	chr9	-	1.3E+08	1.3E+08	397
ENSG0000(	33.96424	8.326014	1.9997	2.67E-05	8.15E-05	RAB11FIP1	chrX	+	73422669	73424430	1762
ENSG0000(	35.93636	0	6.7676	1.71E-09	7.74E-09	RP3-523C2	chr6	+	1.32E+08	1.32E+08	1831
ENSG0000(	0	15.41785	-5.5718	3.36E-06	1.14E-05	AC106875.	chr2	+	11821586	11823454	1170
ENSG0000(	0.36308	1.416259	-1.3043	0.44028	NA	TMSB10P1	chr2	-	2.37E+08	2.37E+08	132
ENSG0000(	0.705622	0.357707	0.57557	0.74268	NA	RPL15P18	chr13	-	1.01E+08	1.01E+08	612
ENSG0000(	15.74553	23.61361	-0.56578	0.23029	0.32369	EEF1A1P11	chr1	+	96912486	96913874	1389
ENSG0000(	19.45009	32.5871	-0.72707	0.10613	0.16979	RP11-98I9.	chr6	+	99872798	99879249	1638
ENSG0000(	0.342542	0.640152	-0.50911	0.77219	NA	DAP3P2	chr2	+	1.72E+08	1.72E+08	510
ENSG0000(	3.350849	0	3.2689	0.028425	0.05411	AC006460.	chr2	-	1.92E+08	1.92E+08	808
ENSG0000(	4.096733	0.654722	2.2334	0.080712	0.13454	RP11-339B	chr9	+	1.31E+08	1.31E+08	1734
ENSG0000(	2.520208	0	2.7948	0.078637	0.13159	RP11-281A	chr9	+	1.21E+08	1.21E+08	521
ENSG0000(	2.282147	0	2.6902	0.089639	0.14723	AC023271.	chr2	-	2.04E+08	2.04E+08	1090
ENSG0000(	5.507977	12.33202	-1.1094	0.090149	0.14799	RP11-298C	chrX	-	25663839	25664444	606
ENSG0000(	10.85149	0	5.0264	6.92E-05	0.000201	RP11-236F	chr9	+	67285298	67298632	786
ENSG0000(	0	1.966581	-2.1968	0.20389	0.29293	RP5-1087E	chr1	-	2.27E+08	2.27E+08	199
ENSG0000(	3.382552	3.853068	-0.19285	0.84917	0.89415	RP3-510D1	chr1	-	9228327	9262678	548
ENSG0000(	0.342542	1.012429	-0.95691	0.57869	NA	RP11-179B	chr10	+	60064313	60065381	328
ENSG0000(	2.157128	4.317591	-0.86694	0.41613	0.52129	AC068057.	chr2	+	1.05E+08	1.05E+08	709
ENSG0000(	3.455331	0.357707	2.5619	0.07861	0.13158	RP11-392C	chr1	-	2.2E+08	2.2E+08	811
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AL353608.	chr9	-	70866135	70866572	438
ENSG0000(	0.580602	3.679854	-2.1106	0.11439	0.18124	RP11-526K	chr20	-	24472108	24482981	823
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	AC093159.	chr2	+	62690262	62691205	424
ENSG0000(	7.915144	5.320282	0.5386	0.53072	0.63211	KIAA1984-A	chr9	-	1.4E+08	1.4E+08	2386
ENSG0000(	0.36308	0.594029	-0.39069	0.82661	NA	ITPKB-AS1	chr1	+	2.27E+08	2.27E+08	538
ENSG0000(	2.592987	62.41211	-4.4018	6.38E-11	3.21E-10	RP11-108N	chr1	+	17197440	17200587	2520
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-483N	chrX	-	7031046	7031445	400
ENSG0000(	3.82697	4.303021	-0.14252	0.8806	0.91673	AC004837.	chr7	-	39739940	39742895	731
ENSG0000(	0.290301	4.363714	-2.9728	0.030656	0.057813	RP3-340B1	chr6	+	35512409	35513446	595
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP11-550P	chr1	-	1.59E+08	1.59E+08	1063
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-114N	chr3	+	1.77E+08	1.77E+08	587
ENSG0000(	0.653381	0	0.82678	0.64037	NA	RP11-170N	chr10	+	65424424	65750328	794
ENSG0000(	4.451254	10.56376	-1.21	0.12881	0.20017	AC010731.	chr2	-	2.07E+08	2.07E+08	440
ENSG0000(	17.84446	21.37828	-0.25361	0.60078	0.69459	SPCS2P4	chr1	-	28421582	28422933	1252
ENSG0000(	0	197.6617	-9.0339	1.02E-16	7.35E-16	AP000459.	chr21	-	24733426	24757182	1725
ENSG0000(	268.7231	1045.288	-1.9512	2.82E-16	1.98E-15	C1orf233	chr1	-	1533392	1535476	2085
ENSG0000(	0	22.00561	-5.9405	1.89E-06	6.60E-06	MACC1-AS1	chr7	+	20181539	20193154	639
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP6-11O7.	chr22	-	40502329	40503070	742
ENSG0000(	1.016461	0	1.3167	0.46021	NA	RPL39P	chr20	-	55034484	55034639	156
ENSG0000(	1.649304	3.169208	-0.84827	0.46043	0.56578	RP5-872K7	chr20	-	21129382	21143531	795
ENSG0000(	0	3.100394	-3.0831	0.046478	0.083487	RP11-574F	chr1	+	1.6E+08	1.6E+08	557
ENSG0000(	34.22365	27.51683	0.31271	0.40375	0.50855	RP3-341D1	chrX	-	1E+08	1E+08	3216
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	HK2P1	chrX	-	79827370	79830106	2737
ENSG0000(	3.008307	28.90879	-3.1708	5.31E-07	1.94E-06	AC144450.	chr2	-	1550437	1623885	786

ENSG0000(	2.375464	2.901332	-0.27978	0.8032	0.86085	RP13-476E	chr6	-	53655673	53659072	483
ENSG0000(	0.653381	0.297015	0.51304	0.77085	NA	AC093166.	chr2	+	1.13E+08	1.13E+08	1017
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP3-434P1	chr22	+	38820293	38823341	556
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP1-302D9	chr22	-	33501369	33502045	437
ENSG0000(	20.66614	145.1954	-2.7881	2.52E-20	2.15E-19	ZNF883	chr9	-	1.16E+08	1.16E+08	2319
ENSG0000(	16.82702	1087.624	-5.9923	1.47E-90	7.41E-89	RP3-399L1	chr6	+	1.14E+08	1.15E+08	2016
ENSG0000(	1.286224	0	1.8436	0.2818	NA	RP11-1B20	chr1	+	2.27E+08	2.27E+08	814
ENSG0000(	9.688654	1.623443	2.3719	0.011392	0.023651	RP11-495P	chr1	-	1.48E+08	1.48E+08	285
ENSG0000(	0.653381	1.309443	-0.73727	0.6388	0.72643	AC092295.	chr19	+	37019220	37026137	434
ENSG0000(	108.9779	1.029414	6.4245	1.72E-17	1.29E-16	HOTAIR	chr12	-	54356092	54368740	2421
ENSG0000(	2.551911	4.349145	-0.68407	0.48286	0.58704	RP4-534N1	chr1	+	32398621	32399576	517
ENSG0000(	58.86394	24.33956	1.2482	0.000592	0.001519	FCF1P2	chr3	-	48332283	48332865	583
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AC079779.	chr2	+	286419	301515	694
ENSG0000(	0	55.81145	-7.357	3.83E-11	1.96E-10	RP11-568A	chr6	+	1.68E+08	1.68E+08	205
ENSG0000(	12.74064	128.718	-3.3016	2.16E-15	1.44E-14	AC005682.	chr7	+	22893875	22901021	1021
ENSG0000(	5.995263	0	4.1392	0.002678	0.006223	RP11-556E	chr10	-	54316462	54515169	540
ENSG0000(	5.675864	2.96444	0.85444	0.38149	0.4856	RP11-321E	chr7	+	63961203	63962107	905
ENSG0000(	1.576526	0	2.1197	0.20755	NA	RP11-170J	chr10	-	1.04E+08	1.04E+08	469
ENSG0000(	5.197138	3.183777	0.64274	0.47892	0.58322	AC090587.	chr11	-	3875548	3876739	494
ENSG0000(	15.44586	10.01989	0.61167	0.36064	0.4648	PSMD10P1	chr20	+	49530268	49530948	681
ENSG0000(	0.290301	0.715414	-0.50514	0.77701	NA	RP11-129C	chr10	+	25156574	25157119	268
ENSG0000(	0.705622	0.715414	-0.00991	0.99541	NA	TRGV5P	chr7	-	38384631	38385100	354
ENSG0000(	72.30516	178.1674	-1.2916	3.03E-05	9.19E-05	PROB1	chr5	-	1.39E+08	1.39E+08	3251
ENSG0000(	2.43887	0	2.4712	0.14712	0.22317	TTC3-AS1	chr21	-	38559967	38566227	1097
ENSG0000(	0.632843	0.640152	-0.00865	0.99586	NA	RP4-676J1	chr6	+	84693447	84717042	835
ENSG0000(	1.774324	0.594029	1.0621	0.51235	0.61549	AC004692.	chr7	-	43278665	43288867	497
ENSG0000(	2.261609	0	2.6509	0.097945	0.15859	RP11-31E1	chr10	-	80455819	80456779	579
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-336A	chr10	+	5666894	5667089	196
ENSG0000(	0.685084	7.942457	-3.0422	0.01395	0.028452	RP11-492I	chr1	+	1.76E+08	1.76E+08	629
ENSG0000(	1.286224	0.654722	0.75279	0.61578	0.70735	RP5-826L7	chr6	+	1.64E+08	1.64E+08	600
ENSG0000(	4.721017	3.169208	0.50021	0.60719	0.70009	ARL17B	chr17	-	44352150	44439130	2197
ENSG0000(	0	3.022717	-3.0495	0.04972	0.088547	RP5-968D2	chr1	-	1.68E+08	1.68E+08	1801
ENSG0000(	4.023955	4.083685	0.014134	0.98858	0.9936	TNKS2-AS1	chr10	-	93542596	93558048	609
ENSG0000(	0.342542	1.727843	-1.5273	0.36046	0.46462	RP11-671E	chr10	-	46221142	46221486	345
ENSG0000(	0.632843	7.350844	-3.0618	0.008184	0.017464	LINC00659	chr20	-	61405480	61406764	540
ENSG0000(	9.698841	63.15571	-2.6766	4.20E-10	1.99E-09	AP001065.	chr21	+	45905460	45910171	912
ENSG0000(	0.870904	0.297015	0.71032	0.69005	NA	RP11-284G	chr9	-	1.19E+08	1.19E+08	396
ENSG0000(	913.5003	1583.655	-0.79076	0.000208	0.000568	DHFR	chr5	-	79922047	79950802	3917
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-145H	chr6	+	2637170	2640235	834
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP5-1119A	chr22	-	36841445	36850991	372
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	SRGAP3-AS	chr3	+	9234177	9236137	1189
ENSG0000(	1.359003	7.357292	-2.2493	0.022922	0.044648	SAPCD1	chr6	+	31730576	31732628	916
ENSG0000(	0.342542	1.340997	-1.3704	0.39575	NA	RP11-316K	chrX	+	1.5E+08	1.5E+08	494
ENSG0000(	0.685084	0.98329	-0.35409	0.8342	NA	RP11-211A	chr1	+	2.27E+08	2.27E+08	821
ENSG0000(	0.580602	0.640152	-0.06311	0.97099	NA	AC015815.	chr17	-	75108843	75108930	87
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-335E	chr1	+	63715591	63717442	859
ENSG0000(	0	1.355566	-1.9006	0.26573	NA	AC008781.	chr5	+	1.41E+08	1.41E+08	622
ENSG0000(	1.628766	0	2.1781	0.19145	NA	AC136896.	chr15	-	27402762	27406466	970
ENSG0000(	2.096328	0.343138	1.7779	0.27612	0.37636	RP11-309I	chr13	+	24553949	24609166	1721
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RPS3AP30	chr8	+	6980379	6981226	848
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTSL1P5	chr10	-	46790404	46791522	402
ENSG0000(	14.22467	7.87606	0.81229	0.19278	0.28008	RP13-39P1	chr10	+	79542624	79552934	2028
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	EIF4BP2	chr10	+	21317928	21319721	1794
ENSG0000(	9.813674	0.297015	4.1352	0.000709	0.001799	AC010095.	chr2	-	1.09E+08	1.09E+08	477
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	RPL7L1P8	chr3	+	1.82E+08	1.82E+08	741
ENSG0000(	2.229907	0.357707	2.0211	0.18385	0.26906	AC003101.	chr17	+	29898161	29902678	459
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP4-635O5	chr7	+	71568166	71569194	296
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP1-309H1	chr6	-	22589366	22594062	743
ENSG0000(	5.809443	8.513796	-0.5191	0.49336	0.59725	RP5-894A1	chr7	-	1.41E+08	1.41E+08	2262
ENSG0000(	1.991846	3.290593	-0.66182	0.52856	0.63022	Z69666.2	chr16	+	175736	177218	801
ENSG0000(	37.97108	52.45841	-0.46204	0.16513	0.2461	MRPL45P2	chr17	-	45527934	45569858	1763
ENSG0000(	1.576526	4.349145	-1.2884	0.22331	0.31569	AC013400.	chr2	+	20068635	20084808	2995
ENSG0000(	1.960143	3.008147	-0.53496	0.6491	0.73506	NLGN4Y-AS	chrY	-	16905522	16915913	532
ENSG0000(	0.995923	0.357707	1.0227	0.53712	NA	HCG22	chr6	+	31021227	31027667	1980
ENSG0000(	0.632843	4.213191	-2.2945	0.068486	0.1169	THRB-AS1	chr3	+	24535578	24541833	1216

ENSG0000(	2.044087	0.98329	0.84876	0.53567	0.63667	RP1-223B1	chr6	-	3594481	3624981	789
ENSG0000(	165.5553	104.3989	0.66357	0.000696	0.001769	RP11-206L	chr1	+	762988	794826	6606
ENSG0000(	0.653381	6.390987	-2.8592	0.01391	0.028378	FAM207BP	chr13	+	19271143	19271647	505
ENSG0000(	36.29602	41.01268	-0.1694	0.71532	0.78906	RP11-110G	chr8	+	52811885	52859733	936
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC073641.	chr2	-	2.25E+08	2.25E+08	429
ENSG0000(	1.048164	0.343138	0.98412	0.56751	NA	RP11-211G	chr3	+	1.87E+08	1.87E+08	672
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	MRPS18CP	chr22	-	44879375	44879597	223
ENSG0000(	4.107898	3.06884	0.41052	0.68923	0.76839	HMGB3P4	chr13	+	1E+08	1E+08	514
ENSG0000(	0.290301	2.324288	-2.0819	0.17158	0.25407	RP4-705D1	chr20	-	16695489	16711593	1101
ENSG0000(	0.36308	0.891044	-0.73478	0.67953	NA	RP11-157P	chr20	+	60928066	60931536	690
ENSG0000(	5.217676	5.38668	-0.05569	0.95003	0.9688	AK3P5	chr10	+	33233409	33233927	519
ENSG0000(	2.012384	2.589748	-0.34217	0.76136	0.82688	BACH1-IT2	chr21	+	30743268	30746029	806
ENSG0000(	3.734467	1.684135	1.0178	0.36639	0.47102	RP11-567G	chr1	-	2.4E+08	2.4E+08	2720
ENSG0000(	4.077009	1.248751	1.446	0.22372	0.31611	MIR4500H	chr13	-	88096247	88323514	1670
ENSG0000(	0.342542	1.043983	-0.98163	0.56849	NA	AL592494.	chr1	-	1.21E+08	1.21E+08	369
ENSG0000(	1.233984	0.343138	1.1864	0.48571	NA	RP11-234P	chrX	-	51646434	51646946	154
ENSG0000(	5.394936	6.106126	-0.16699	0.84813	0.89328	RP11-162G	chr10	-	38107534	38109910	2240
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	AC005077.	chr7	+	75803051	75806523	300
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	RP11-249L	chr6	-	1.09E+08	1.09E+08	259
ENSG0000(	48.98622	12.53437	1.9358	1.55E-05	4.87E-05	AC012123.	chr18	+	30349758	30354376	1661
ENSG0000(	3.785894	2.338857	0.65384	0.52442	0.6266	RP4-784A1	chr1	+	53753696	53755378	675
ENSG0000(	4.00423	6.73983	-0.72322	0.39624	0.5008	RP3-400N2	chr22	+	31688485	31734007	554
ENSG0000(	22.60477	3.662869	2.5403	7.53E-05	0.000218	RP11-57H1	chr1	-	95708781	95729610	371
ENSG0000(	2.302685	0.343138	2.0565	0.1742	0.25721	AC104653.	chr2	-	1.15E+08	1.15E+08	578
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-91I2(	chr8	-	61544068	61548830	3564
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	RP11-404F	chr1	+	1.61E+08	1.61E+08	1125
ENSG0000(	0.290301	0.640152	-0.50256	0.77558	NA	RP11-463P	chr10	+	48357926	48358600	227
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	MYLKP1	chr3	-	75377700	75388222	1580
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC096664.	chr2	+	63944256	63945033	778
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC012307.	chr2	-	96811341	96812751	197
ENSG0000(	1.213446	0	1.5515	0.38249	NA	AC090954.	chr3	-	15173355	15173715	361
ENSG0000(	1.628766	0	2.1781	0.19145	NA	RP11-473E	chr9	+	1.37E+08	1.37E+08	428
ENSG0000(	5.705775	4.899467	0.19279	0.81733	0.87175	AC007551.	chr7	-	35794574	35840226	702
ENSG0000(	0.290301	1.248751	-1.2076	0.47886	NA	RP11-439E	chr1	-	2.47E+08	2.47E+08	322
ENSG0000(	2.810509	1.713273	0.65637	0.58398	0.67987	LL0XNC01-	chrX	+	1.03E+08	1.03E+08	418
ENSG0000(	3.660875	4.081268	-0.10601	0.91961	0.94594	RP11-290D	chr13	+	45924458	45925485	310
ENSG0000(	0.943682	0.640152	0.39749	0.80623	NA	EEF1DP1	chr19	+	14181154	14182052	896
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP4-764O2	chr20	-	7127114	7234849	874
ENSG0000(	16.81684	26.96805	-0.66382	0.15666	0.23563	UBAC2-AS1	chr13	-	99848696	99852964	1706
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CTD-2021A	chr7	-	51454060	51454798	739
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC012365.	chr2	+	1.18E+08	1.18E+08	488
ENSG0000(	13.5276	25.95092	-0.91772	0.12236	0.19202	RASA4CP	chr7	-	44066550	44081491	3193
ENSG0000(	3.847508	7.564476	-0.89619	0.33104	0.43423	RP13-216E	chrX	+	73168808	73169393	451
ENSG0000(	5.6647	8.398859	-0.53991	0.48284	0.58704	RP11-757C	chr11	+	71604456	71605479	1024
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-544N	chr1	+	1.61E+08	1.61E+08	1109
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	GS1-122H1	chr1	-	1.82E+08	1.82E+08	2631
ENSG0000(	3.806432	5.147942	-0.39735	0.66892	0.75148	AC097381.	chr4	+	7940728	7942022	1295
ENSG0000(	12.40666	6.047849	1.0152	0.11319	0.17954	AC016722.	chr2	+	47126414	47135817	1835
ENSG0000(	1.068702	1.591889	-0.50828	0.71995	0.79287	RP11-159C	chr1	-	53237866	53238320	455
ENSG0000(	0.290301	0	0.4146	0.81455	NA	MTCO1P3	chr21	-	46796106	46796297	192
ENSG0000(	2.67693	1.606458	0.61695	0.61605	0.70757	RP11-88G1	chr9	+	1.33E+08	1.33E+08	648
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP11-268G	chrX	-	27193037	27417114	1879
ENSG0000(	5.322158	2.292733	1.1147	0.23208	0.32554	AKT3-IT1	chr1	-	2.44E+08	2.44E+08	517
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	UBE3AP2	chr21	-	32432919	32435487	2259
ENSG0000(	0.290301	5.159222	-3.1152	0.028288	0.053883	AC004485.	chr7	-	24236281	24295338	527
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	SLC25A6P5	chr9	+	1.09E+08	1.09E+08	1038
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	UGT1A12P	chr2	+	2.34E+08	2.34E+08	853
ENSG0000(	0.632843	0	0.81931	0.64303	NA	AC023137.	chr2	+	20650803	20652708	308
ENSG0000(	1.846289	0	2.122	0.22126	NA	RP11-336A	chr10	-	5658825	5660124	657
ENSG0000(	1.016461	3.215331	-1.4283	0.26602	0.36476	RP11-567G	chr3	+	1.87E+08	1.87E+08	246
ENSG0000(	0.342542	0.997859	-1.0273	0.53559	NA	RP11-452J	chr1	-	2.47E+08	2.47E+08	222
ENSG0000(	1.016461	59.628	-5.5699	3.00E-12	1.65E-11	AC144521.	chr3	+	18486516	18959184	1119
ENSG0000(	5.737478	24.23436	-2.0395	0.000567	0.00146	OR2A9P	chr7	+	1.44E+08	1.44E+08	2913
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AP000282.	chr21	+	34331196	34332874	576
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	HCG23	chr6	+	32358287	32361463	610

ENSG0000(	1.649304	0	2.1906	0.18857	NA	RP11-286B	chr1	+	95975672	96247898	1440
ENSG0000(	0.870904	1.652581	-0.66289	0.65825	0.74249	RP1-86D1.	chr6	-	1.29E+08	1.29E+08	1828
ENSG0000(	0.342542	1.638012	-1.6301	0.29933	0.40091	AC009955.	chr2	-	2.2E+08	2.2E+08	271
ENSG0000(	1.338465	0.686276	0.71882	0.64669	0.73297	AC006483.	chr7	+	5600374	5600686	313
ENSG0000(	0.995923	0	1.4959	0.39264	NA	SUMO2P8	chr6	-	1.09E+08	1.09E+08	286
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	AC113554.	chr17	+	61548965	61549456	492
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	RP11-702L	chr3	+	1.09E+08	1.09E+08	1493
ENSG0000(	1.306762	6.099678	-1.9758	0.077355	0.12982	RP11-364L	chr4	-	1.44E+08	1.44E+08	843
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-107G	chr1	-	2.47E+08	2.47E+08	321
ENSG0000(	0	2.742687	-2.9066	0.064462	0.11107	AC025627.	chr17	+	19483256	19499371	598
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP13-228J	chrX	+	1.55E+08	1.55E+08	973
ENSG0000(	1.742621	0.297015	1.5615	0.351	0.45536	RP4-677H1	chr1	-	70684272	70686706	457
ENSG0000(	40.3551	55.25139	-0.45031	0.14029	0.21421	AC133528.	chr2	+	2.43E+08	2.43E+08	415
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-318K	chr9	-	66693277	66721073	1452
ENSG0000(	0.290301	2.460242	-2.0264	0.20785	0.29768	MTND1P9	chr20	-	55932482	55933425	944
ENSG0000(	238.0231	107.1684	1.1458	4.24E-09	1.85E-08	RP11-697E	chr15	+	90818266	90820841	2576
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	SEPT7P8	chr19	-	54275760	54276534	775
ENSG0000(	0.632843	0	0.81931	0.64303	NA	ACTBP14	chr10	+	70782534	70783622	1089
ENSG0000(	1.213446	0.98329	0.24825	0.87242	0.91093	EXOSC3P1	chr21	+	33869122	33869621	500
ENSG0000(	0.342542	0	0.4146	0.81455	NA	TMPRSS11(	chr4	-	68857402	68881486	1204
ENSG0000(	5.144897	5.729818	-0.14987	0.86657	0.90708	RP5-979D1	chr1	+	23466818	23467635	818
ENSG0000(	0.72616	0.357707	0.52227	0.76959	NA	RPL30P13	chr12	-	40462045	40462392	348
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-265D	chrX	+	1.35E+08	1.35E+08	405
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-224C	chr1	-	2.18E+08	2.18E+08	711
ENSG0000(	0	1.280305	-1.6305	0.35731	NA	RP11-439L	chr6	-	1.43E+08	1.43E+08	2398
ENSG0000(	2.31385	1.888903	0.23162	0.84733	0.8929	RP11-313P	chr7	+	72476064	72555749	1333
ENSG0000(	6.992	27.05231	-1.9156	0.000363	0.00096	AKR7A2P1	chr1	+	1.13E+08	1.13E+08	915
ENSG0000(	1.628766	1.012429	0.56917	0.68429	0.76428	AL591893.	chr1	+	1.52E+08	1.52E+08	4109
ENSG0000(	0.72616	0.686276	0.035772	0.98391	NA	AC067945.	chr2	-	1.92E+08	1.92E+08	618
ENSG0000(	3.838949	0.715414	1.9891	0.15123	0.22872	RP11-408A	chr9	+	14593575	14594198	624
ENSG0000(	0.290301	0.951736	-0.90191	0.60254	NA	RP11-91A1	chr1	+	52446145	52446486	342
ENSG0000(	2.645227	6.047849	-1.1097	0.21333	0.30391	RP5-931E1	chrX	+	1.23E+08	1.23E+08	853
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	SPRR2C	chr1	-	1.53E+08	1.53E+08	219
ENSG0000(	23.35244	28.17639	-0.26603	0.49314	0.59702	RP1-20N2.(	chr6	+	1.44E+08	1.44E+08	2079
ENSG0000(	17.0232	34.52696	-1.0062	0.011772	0.024365	AC091729.	chr7	+	1200010	1204903	1401
ENSG0000(	0.72616	0.297015	0.51367	0.77334	NA	RP11-266K	chr1	-	31805914	31819646	439
ENSG0000(	0.290301	0.715414	-0.50514	0.77701	NA	HMGN1P2	chr21	+	33078868	33079177	310
ENSG0000(	0.580602	0	0.8036	0.6494	NA	DUTP1	chr3	+	1.25E+08	1.25E+08	470
ENSG0000(	0	1.903472	-2.1599	0.21236	NA	RP11-386I2	chr1	+	93396253	93399655	3403
ENSG0000(	1.317927	0.997859	0.31824	0.82798	0.87881	AC074338.	chr7	-	33075824	33075994	171
ENSG0000(	8.112129	0.343138	3.8411	0.002132	0.005024	AC020571.	chr2	+	1.97E+08	1.97E+08	1413
ENSG0000(	2.624689	38.53779	-3.7509	1.30E-09	5.92E-09	RP11-106A	chr9	+	6662424	6663792	734
ENSG0000(	1.701545	1.920457	-0.1724	0.89443	0.92676	RP11-746P	chr7	-	64707972	64708122	151
ENSG0000(	1.555988	1.98115	-0.27058	0.83487	0.88401	RP11-80I15	chr9	+	97875990	97876743	529
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	TMPOP1	chr6	+	30434229	30435771	1267
ENSG0000(	3.652315	0.357707	2.6801	0.059249	0.10333	RP11-432J	chr10	-	1.34E+08	1.34E+08	1623
ENSG0000(	1.411244	0	1.7307	0.32696	NA	OR5AW1P	chrX	-	1.3E+08	1.3E+08	1006
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-32P2	chr2	-	15537559	15537906	348
ENSG0000(	22.38724	7.671292	1.509	0.005488	0.012125	CALM2P2	chr10	+	71923441	71923880	440
ENSG0000(	0.290301	1.531196	-1.4473	0.39003	NA	RP11-264C	chr9	+	1.19E+08	1.19E+08	1756
ENSG0000(	0.290301	0.951736	-0.90191	0.60254	NA	ABHD17AP	chr22	-	21022124	21025272	909
ENSG0000(	275.0674	1.698704	7.1327	6.50E-31	8.61E-30	AC005550.	chr7	+	15728003	15735116	697
ENSG0000(	1.45232	0.357707	1.1661	0.50745	NA	RP11-439K	chr9	+	85834246	85849157	444
ENSG0000(	0.580602	1.652581	-1.0812	0.47855	0.58285	MED4-AS1	chr13	+	48651273	48654127	542
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	RP11-417B	chr9	+	1.27E+08	1.27E+08	246
ENSG0000(	0.342542	16.44813	-4.7923	5.06E-05	0.000149	RP11-20J15	chr10	-	44787706	44789157	915
ENSG0000(	5680.028	8535.887	-0.58689	3.46E-07	1.29E-06	RPL41	chr12	+	56510370	56511727	699
ENSG0000(	0.943682	0.343138	0.89828	0.6031	NA	AC068491.	chr2	+	1.12E+08	1.12E+08	617
ENSG0000(	14.8232	31.56084	-1.0669	0.024356	0.047116	CTB-63M22	chr5	+	1.66E+08	1.66E+08	295
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-396D	chr1	-	2.02E+08	2.02E+08	331
ENSG0000(	19.45432	5.332435	1.7951	0.00717	0.015484	AGBL5-IT1	chr2	+	27283906	27284683	339
ENSG0000(	25.28007	6.535062	1.9016	0.000472	0.00123	VIM-AS1	chr10	-	17256238	17271984	1351
ENSG0000(	7.915958	8.623028	-0.13564	0.84973	0.89449	AC007038.	chr2	+	2.11E+08	2.11E+08	2199
ENSG0000(	0.36308	0.715414	-0.51558	0.77246	NA	AC016710.	chr2	+	1.4E+08	1.4E+08	466
ENSG0000(	17.76989	46.18236	-1.3623	0.000455	0.001191	EIF4A1P10	chrX	-	91368245	91369460	1216

ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-101P	chr13	+	21861545	21868998	678
ENSG0000(	0	59.39261	-7.4395	2.23E-11	1.16E-10	CRYGEP	chr2	-	2.09E+08	2.09E+08	528
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-348F	chrX	-	51099796	51139314	451
ENSG0000(	121.9343	134.1293	-0.14079	0.56287	0.661	ANKRD10-I	chr13	-	1.12E+08	1.12E+08	380
ENSG0000(	2.447429	95.44171	-5.0533	1.93E-18	1.51E-17	EPHA1-AS1	chr7	+	1.43E+08	1.43E+08	5018
ENSG0000(	0.653381	0.640152	0.01046	0.99499	NA	KCNQ5-AS1	chr6	-	73844526	73853237	1101
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-250H	chr9	+	69475237	69475614	378
ENSG0000(	3.527296	0	3.2936	0.029826	0.056464	AC009229.	chr2	-	38359779	38366088	351
ENSG0000(	6.442287	0.951736	2.4208	0.030099	0.056916	RP11-84D1	chr1	+	25287836	25289588	820
ENSG0000(	0.72616	0.357707	0.52227	0.76959	NA	NAP1L1P2	chrY	-	2797042	2799161	1089
ENSG0000(	437.7121	38.27717	3.4992	1.65E-52	4.03E-51	TRAC	chr14	+	23016447	23021097	974
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	RP11-247I	chr22	-	31934338	31934575	238
ENSG0000(	1.774324	0.297015	1.601	0.33424	0.43769	AC108059.	chr2	-	1.29E+08	1.29E+08	725
ENSG0000(	0.342542	0.594029	-0.38792	0.8278	NA	AC069513.	chr3	-	1.95E+08	1.95E+08	1684
ENSG0000(	93.87635	43.57892	1.0947	3.68E-05	0.000111	GS1-124K5	chr7	-	65992918	66007536	5249
ENSG0000(	63.06435	115.5064	-0.8665	0.006253	0.013666	ADAM1A	chr12	+	1.12E+08	1.12E+08	2608
ENSG0000(	1.379541	0.297015	1.2901	0.44742	NA	RP11-390B	chr10	-	17737708	17742231	557
ENSG0000(	4.656798	94.85747	-4.2069	2.52E-18	1.95E-17	RP11-168C	chr1	+	2.01E+08	2.01E+08	3496
ENSG0000(	1.722083	0.951736	0.65279	0.64525	0.732	RP11-775D	chr7	+	1.3E+08	1.3E+08	427
ENSG0000(	0.290301	0	0.4146	0.81455	NA	TRBV7-8	chr7	-	1.42E+08	1.42E+08	386
ENSG0000(	0.36308	0.891044	-0.73478	0.67953	NA	RP11-397C	chr10	+	11072297	11072831	433
ENSG0000(	2.064625	3.602177	-0.74991	0.48333	0.58747	SERPINH1P	chr9	+	34318405	34319653	1249
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	AC073987.	chr2	-	1.04E+08	1.04E+08	638
ENSG0000(	65.49898	161.423	-1.2912	1.33E-05	4.21E-05	RP11-561C	chr15	-	85747141	85778026	2525
ENSG0000(	8.414408	5.12122	0.64897	0.47971	0.58397	LINC00242	chr6	-	1.7E+08	1.7E+08	2418
ENSG0000(	0	8.321181	-4.4749	0.00145	0.003511	RP11-47A1	chr1	-	2E+08	2E+08	749
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	AC096664.	chr2	-	63978831	63979764	934
ENSG0000(	1.649304	2.635871	-0.60115	0.59857	0.69263	KRT18P4	chr20	+	48573282	48574569	1288
ENSG0000(	0.653381	0	0.82678	0.64037	NA	LINC00582	chr1	-	2.32E+08	2.32E+08	597
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	MT1P3	chr20	+	33805812	33805988	177
ENSG0000(	2.604151	0	2.8487	0.070705	0.12022	AC011891.	chr7	+	12693804	12694610	432
ENSG0000(	0.632843	1.387121	-0.79676	0.61465	0.70643	RP11-8L18	chr10	-	34952787	34953029	243
ENSG0000(	2.738544	1.309443	0.88183	0.49536	0.59917	TTTY10	chrY	-	22627554	22681114	1628
ENSG0000(	0	1.964165	-2.2052	0.20143	0.2901	HMGN1P3	chrX	-	1.54E+08	1.54E+08	303
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	PPP1R12BI	chrY	-	28424070	28500565	1671
ENSG0000(	0.342542	0	0.4146	0.81455	NA	LINC00710	chr10	-	10969021	10994143	1460
ENSG0000(	0.342542	0	0.4146	0.81455	NA	PNPT1P1	chr3	-	4023665	4025979	2315
ENSG0000(	0	8.041152	-4.5698	0.000562	0.001448	AC098973.	chr3	-	27872379	27875627	2833
ENSG0000(	40.02095	0	6.9046	8.03E-10	3.74E-09	RP11-521J	chr13	+	81617805	81618577	657
ENSG0000(	0.36308	0	0.4146	0.81455	NA	WBP2P1	chr18	-	22596398	22597168	771
ENSG0000(	0.36308	1.355566	-1.381	0.39134	NA	HNRNPA1P	chr7	+	84612863	84613825	963
ENSG0000(	0	3.420099	-3.213	0.037739	0.06969	ST13P13	chr10	+	1.05E+08	1.05E+08	1092
ENSG0000(	0	9.937303	-4.8557	0.000206	0.000564	LRRC37A12	chr1	-	32888815	32892390	1801
ENSG0000(	1.359003	1.012429	0.33405	0.81733	0.87175	AC004691.	chr7	-	30836307	30843026	547
ENSG0000(	0.923144	1.370136	-0.39431	0.79824	0.85707	AC072062.	chr2	+	2.16E+08	2.16E+08	452
ENSG0000(	0	1.935026	-2.4284	0.13734	0.21062	AC091493.	chr3	-	16729493	16738986	411
ENSG0000(	44.54613	90.62555	-1.011	0.000472	0.00123	RP11-104G	chr9	+	41954580	41955037	458
ENSG0000(	0.36308	0	0.4146	0.81455	NA	REV3L-IT1	chr6	-	1.12E+08	1.12E+08	382
ENSG0000(	2.520208	0.700845	1.5438	0.26419	0.36253	RP11-483F	chr10	-	1.01E+08	1.01E+08	303
ENSG0000(	1.068702	1.773966	-0.56517	0.70955	0.78429	RP1-40E16	chr6	+	3056124	3056995	398
ENSG0000(	1.774324	0	2.0349	0.24308	NA	RP4-580N2	chr1	-	2.36E+08	2.36E+08	190
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP5-1044H	chr1	-	65745139	65772204	512
ENSG0000(	8.331278	15.19609	-0.8489	0.21995	0.3118	TUBB8P1	chr9	-	21811620	21812346	727
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-431K	chr1	+	8249884	8252830	1075
ENSG0000(	1.649304	0	2.1906	0.18857	NA	AC010084.	chrY	+	3904538	3968361	559
ENSG0000(	90.22722	68.56986	0.39592	0.14084	0.21487	KRT8P12	chr3	+	1.6E+08	1.6E+08	1397
ENSG0000(	0	2.681995	-2.9147	0.061147	0.10611	AC008269.	chr2	+	2.08E+08	2.08E+08	646
ENSG0000(	0.290301	0.686276	-0.47648	0.78935	NA	RP11-175B	chr13	-	51095069	51101585	731
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP5-1091M	chrX	-	70236381	70236755	375
ENSG0000(	9.439429	7.014154	0.42249	0.53106	0.63246	ACAP2-IT1	chr3	-	1.95E+08	1.95E+08	690
ENSG0000(	0.342542	4.928605	-3.1364	0.018854	0.03743	AC069154.	chr2	+	1.2E+08	1.2E+08	542
ENSG0000(	0.290301	1.698704	-1.6722	0.28779	0.38931	RP11-135A	chr10	+	32636325	32663416	265
ENSG0000(	1.939605	0.654722	1.2517	0.37851	0.48262	AC006947.	chr17	+	64672490	64673522	484
ENSG0000(	2.261609	0	2.6509	0.097945	0.15859	PGBD4P8	chr1	+	60563087	60563648	562
ENSG0000(	23.98691	3.772101	2.5761	0.000297	0.000796	AC046143.	chr3	+	1.94E+08	1.94E+08	972

ENSG0000(	0	37.29549	-6.8196	1.25E-09	5.71E-09	RP1-241P1	chrX	+	1.15E+08	1.15E+08	444
ENSG0000(	13.67316	41.38085	-1.5866	0.000138	0.000387	RP5-857K2	chr1	+	568137	568818	682
ENSG0000(	3.506758	0.343138	2.4663	0.10981	0.17474	HYI-AS1	chr1	+	43919598	43922666	545
ENSG0000(	0.36308	0	0.4146	0.81455	NA	ACTG1P9	chr6	+	46172466	46175123	2658
ENSG0000(	0.290301	2.901332	-2.3888	0.10648	0.17027	LRRC3-AS1	chr21	-	45870869	45875167	784
ENSG0000(	38.26219	29.03346	0.38924	0.29988	0.40144	AC018633.	chr7	-	32660019	32801399	1724
ENSG0000(	0.290301	0	0.4146	0.81455	NA	PPP1R2P5	chr2	-	1.08E+08	1.08E+08	603
ENSG0000(	1.628766	1.012429	0.56917	0.68429	0.76428	AC090587.	chr11	+	3875842	3876629	527
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP13-225C	chr9	-	1.3E+08	1.3E+08	589
ENSG0000(	3.579537	0	3.3029	0.029624	0.056152	LINC00452	chr13	+	1.15E+08	1.15E+08	1607
ENSG0000(	3.371387	4.740822	-0.45005	0.66039	0.74429	CICP3	chr1	+	657472	660283	2455
ENSG0000(	0.685084	1.340997	-0.72382	0.64437	0.73126	AC147651.	chr7	+	601595	605256	572
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	BX322557.	chr21	+	46756622	46758580	379
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	OR8B9P	chr11	-	1.24E+08	1.24E+08	925
ENSG0000(	1.866827	1.280305	0.454	0.73741	0.80645	RP11-442N	chr1	+	28969740	28975093	688
ENSG0000(	0.580602	0.297015	0.36801	0.83644	NA	MICD	chr6	-	29938578	29940241	813
ENSG0000(	2.354926	0.343138	2.0964	0.16123	0.24129	RP3-395M2	chr1	-	2424876	2425918	514
ENSG0000(	1.89853	1.073121	0.6292	0.69032	0.76915	RP11-378J	chr1	-	2.23E+08	2.23E+08	445
ENSG0000(	9.450594	1.234181	2.6348	0.00717	0.015484	RP11-3L21	chr1	-	2.25E+08	2.25E+08	837
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AL162151.	chr14	+	99624753	99626006	561
ENSG0000(	0.943682	0	1.2438	0.48556	NA	RP4-718N1	chr7	+	51681947	51698566	588
ENSG0000(	3.048569	7.01657	-1.0643	0.28796	0.38945	LINC00858	chr10	+	86039736	86054415	2685
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-12M9	chr1	-	1.8E+08	1.8E+08	544
ENSG0000(	0.653381	1.012429	-0.44082	0.78495	NA	RP11-494C	chr22	+	50239577	50239738	162
ENSG0000(	7.282301	9.762547	-0.41396	0.55752	0.65651	AC018638.	chr7	-	1.28E+08	1.28E+08	246
ENSG0000(	0	1.577319	-1.9089	0.27608	NA	KCNQ1-AS1	chr11	-	2861365	2882798	1084
ENSG0000(	0.342542	0.891044	-0.73092	0.68123	NA	NPM1P25	chr10	-	97949122	97949975	854
ENSG0000(	9.895012	10.7547	-0.09677	0.87973	0.91625	RALGAPA1I	chr9	+	1.08E+08	1.08E+08	6232
ENSG0000(	3.371387	0.654722	1.9589	0.13434	0.20733	RP11-262H	chr9	-	66493572	66494196	625
ENSG0000(	1.576526	0.357707	1.5817	0.31886	0.42176	ANKRD26P	chr13	+	31885426	31887058	950
ENSG0000(	23.9544	5.677989	2.0096	0.001813	0.004318	RP1-92O14	chr1	+	43850784	43854826	731
ENSG0000(	0	1.995719	-2.4883	0.12386	0.19391	RP11-329B	chr3	-	1.84E+08	1.84E+08	2591
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AC017048.	chr2	-	1.77E+08	1.77E+08	495
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC073850.	chr7	-	80291647	80291901	255
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-301N	chr1	+	1.48E+08	1.48E+08	536
ENSG0000(	2.354926	1.949596	0.22219	0.84608	0.892	RP11-184I	chr1	-	44175063	44193014	469
ENSG0000(	6.151985	9.27775	-0.55922	0.42195	0.52746	RP11-490K	chr1	-	31736092	31736528	437
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC005162.	chr7	+	29119900	29122143	389
ENSG0000(	1.960143	3.06884	-0.5509	0.64522	0.732	SPINK8	chr3	-	48348336	48369831	440
ENSG0000(	2.044087	2.558194	-0.30017	0.80973	0.86587	RPS10P18	chr10	-	1.26E+08	1.26E+08	495
ENSG0000(	0.632843	5.79051	-2.7176	0.025386	0.048931	RLIMP1	chr13	+	41192875	41195485	1680
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC023669.	chr7	+	46300662	46334067	524
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-56I23	chr10	-	1.08E+08	1.08E+08	456
ENSG0000(	6.846442	6.673433	0.044444	0.95028	0.96892	RP1-64K7.4	chr20	+	32668955	32669754	230
ENSG0000(	0.870904	0.297015	0.71032	0.69005	NA	RGS17P1	chr13	-	41566915	41567467	553
ENSG0000(	1.649304	2.679579	-0.59241	0.641	0.72806	PATL2	chr15	-	44957930	45003514	2100
ENSG0000(	0	24.02389	-6.2079	7.17E-08	2.83E-07	CTD-2554C	chr19	+	38320191	38322797	2607
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP5-888M1	chr1	+	12587766	12588462	438
ENSG0000(	7.613678	3.541484	1.0213	0.22686	0.3198	ALG13-AS1	chrX	-	1.11E+08	1.11E+08	195
ENSG0000(	0.580602	0	0.8036	0.6494	NA	ATP5A1P5	chr9	+	43399987	43401315	1329
ENSG0000(	0.923144	0.357707	0.88371	0.60898	NA	RP11-342D	chrX	+	45042496	45193162	736
ENSG0000(	0	8.671568	-4.6846	0.000353	0.000934	AC004019.	chr22	+	17897744	17898875	1132
ENSG0000(	0.342542	0.594029	-0.38792	0.8278	NA	AC005189.	chr7	+	43806889	43807198	310
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC105053.	chr2	+	86042253	86052514	1711
ENSG0000(	0.653381	2.696564	-1.6755	0.21231	0.30286	RP11-52J3.	chr6	-	1.58E+08	1.58E+08	743
ENSG0000(	0.290301	0.715414	-0.50514	0.77701	NA	AC092155.	chr2	-	62759718	62760194	477
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP4-682E1	chr1	+	86495537	86496272	736
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	RP11-421E	chr1	-	2.07E+08	2.07E+08	112
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-392E	chr9	-	38486856	38488335	1480
ENSG0000(	3.030637	2.324288	0.31939	0.80537	0.86232	AC068580.	chr11	-	1784239	1784979	252
ENSG0000(	12.2611	10.10481	0.28135	0.67653	0.75776	RP11-58A1	chr1	+	6607965	6608679	401
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	LINC00404	chr13	-	1.13E+08	1.13E+08	428
ENSG0000(	0.943682	0.343138	0.89828	0.6031	NA	MYCBP2-AS	chr13	-	77654646	77655325	428
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-7G23	chr9	+	45729709	45730417	194
ENSG0000(	0	6.013879	-3.8049	0.014326	0.029152	AC053503.	chr2	+	2.2E+08	2.2E+08	1598

ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP5-1066H	chr1	+	41329586	41342342	471
ENSG0000(	0.580602	0.343138	0.37443	0.8337	NA	RP11-62C3	chr9	-	95101940	95103945	913
ENSG0000(	0.653381	9.176639	-3.3214	0.004314	0.009698	RP1-102G2	chr1	-	1.75E+08	1.75E+08	670
ENSG0000(	0.36308	4.602452	-3.0046	0.028935	0.054974	AC079776.	chr2	-	1.31E+08	1.31E+08	563
ENSG0000(	10.97569	8.801074	0.29665	0.66087	0.74469	RP11-119B	chr20	-	3868886	3869515	441
ENSG0000(	0	131.3547	-8.458	2.79E-14	1.75E-13	NKX1-2	chr10	-	1.26E+08	1.26E+08	1580
ENSG0000(	0	42.84968	-7.0108	3.28E-10	1.57E-09	RP11-366C	chr13	-	43416550	43417023	227
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-363G	chr13	+	23425912	23428277	2042
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	LINC00379	chr13	-	91779867	91783661	464
ENSG0000(	2.479132	4.412253	-0.7076	0.52999	0.6314	SACS-AS1	chr13	+	23993110	24002818	2044
ENSG0000(	2.064625	0	2.4902	0.12625	0.19686	RP11-245N	chrX	+	45364633	45489447	2214
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	AC108056.	chr4	+	1.19E+08	1.19E+08	576
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP4-717I23	chr1	-	93744518	93744686	169
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-481G	chr10	-	80760241	80763560	2018
ENSG0000(	0.72616	0.343138	0.52026	0.77047	NA	RP11-423C	chr9	-	1.29E+08	1.29E+08	509
ENSG0000(	0.290301	1.073121	-0.88899	0.61676	NA	RPL21P44	chr4	-	54852754	54853225	472
ENSG0000(	0.653381	2.474811	-1.4579	0.32944	0.43258	RP11-197P	chr9	-	77624744	77630952	670
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-479J	chr1	+	1.66E+08	1.66E+08	423
ENSG0000(	10.08425	62.94699	-2.6188	1.52E-09	6.91E-09	ACVR2B-AS	chr3	-	38492518	38496311	2517
ENSG0000(	0	13.3186	-5.2962	2.65E-05	8.09E-05	MSX2P1	chr17	+	56234389	56235161	773
ENSG0000(	2.427705	1.309443	0.72743	0.5777	0.67421	RP5-981O7	chr7	-	1.52E+08	1.52E+08	673
ENSG0000(	0.290301	1.073121	-0.88899	0.61676	NA	SUCLA2P3	chr2	-	25302770	25304558	1357
ENSG0000(	5.871057	5.675573	0.055084	0.94316	0.96323	PRDX3P1	chr22	-	39118748	39119510	763
ENSG0000(	2.665765	2.497501	0.058225	0.96211	0.97755	AL590762.	chrX	-	70633684	70633936	253
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	RP11-492N	chr10	-	29187925	29188422	492
ENSG0000(	0.36308	0	0.4146	0.81455	NA	GOLGA2P4	chr22	+	43180468	43183106	777
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	RP11-125I2	chr13	+	27947485	27948503	580
ENSG0000(	0	3.198346	-3.1449	0.041263	0.075338	RP11-390F	chr9	+	6704471	6707780	422
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-555F	chr9	-	93225806	93345026	791
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC011288.	chr7	+	13141016	13743774	575
ENSG0000(	0.580602	0	0.8036	0.6494	NA	AC018742.	chr2	-	21910306	21933495	2098
ENSG0000(	0.290301	0.594029	-0.38058	0.83094	NA	METTL21AP	chr21	-	40607312	40607946	635
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP11-44N1	chr8	+	99973656	99980512	464
ENSG0000(	3.536669	0	3.2905	0.030278	0.057214	AC073115.	chr7	+	46030504	46040497	532
ENSG0000(	0.72616	0.343138	0.52026	0.77047	NA	RP11-302K	chr10	+	1.04E+08	1.04E+08	95
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-124C	chr10	-	43474465	43476955	500
ENSG0000(	3.246368	0	3.1673	0.038894	0.071601	RP4-713B5	chr1	-	93850044	93850555	512
ENSG0000(	0	2.66501	-2.877	0.067583	0.11559	KRT8P21	chr1	+	73570475	73571965	1491
ENSG0000(	52.89794	153.3384	-1.5245	8.84E-09	3.77E-08	HOXB-AS5	chr17	+	46800530	46802819	1276
ENSG0000(	69.11862	99.6087	-0.52136	0.030046	0.056842	RPL4P4	chr3	-	1.85E+08	1.85E+08	1284
ENSG0000(	7.613678	10.65359	-0.47289	0.52049	0.62318	NAMPTL	chr10	-	36810649	36813162	2514
ENSG0000(	91.39136	2.292733	5.1551	1.42E-18	1.11E-17	LINC00341	chr14	-	95873606	95876427	2822
ENSG0000(	0.36308	2.200487	-1.8637	0.24964	0.34596	RP11-330A	chr6	-	14597745	14599921	146
ENSG0000(	4.906837	1.888903	1.2263	0.22693	0.31987	RP11-462L	chr10	+	33247773	33371030	1048
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-494K	chr1	+	2.05E+08	2.05E+08	562
ENSG0000(	5.467715	3.602177	0.54227	0.54542	0.64566	RP11-345K	chr10	-	75182017	75182454	438
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	RP5-1142J	chr7	-	1.57E+08	1.57E+08	565
ENSG0000(	1.741807	6.016295	-1.5029	0.20697	0.29669	MAST4-AS1	chr5	-	66297211	66299781	777
ENSG0000(	0	1.387121	-1.6961	0.33794	NA	PKP4P1	chr2	+	2.1E+08	2.1E+08	2158
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	AC051649.	chr11	+	1923877	1929145	315
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AL121578.	chrX	+	37853597	37854043	447
ENSG0000(	1.701545	3.991438	-1.1283	0.28548	0.38689	RP11-383F	chr7	-	1.39E+08	1.39E+08	551
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC114755.	chr2	-	1.07E+08	1.07E+08	361
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	ASNSP5	chr1	+	1.43E+08	1.43E+08	153
ENSG0000(	2.229907	1.309443	0.65227	0.61709	0.70823	AC004741.	chr7	+	16250113	16310229	2252
ENSG0000(	2.448243	2.012704	0.22196	0.86863	0.90849	RP11-21N7	chr1	-	1.55E+08	1.55E+08	301
ENSG0000(	22.60379	29.49557	-0.38299	0.45191	0.55736	SOS1-IT1	chr2	-	39219420	39220998	1191
ENSG0000(	0	1.416259	-1.7181	0.33141	NA	RP11-305L	chr9	+	93881344	93945044	561
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	AC011242.	chr2	-	43907604	43908761	1158
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	KARSP1	chr13	+	42499734	42501485	1752
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP1-140J1.	chr1	+	1.53E+08	1.53E+08	2254
ENSG0000(	0.580602	0.357707	0.37639	0.83285	NA	RP1-130G2	chr6	-	20042686	20043171	486
ENSG0000(	0	2.139794	-2.2809	0.18733	0.27337	RP1-274L7	chrX	-	1.3E+08	1.3E+08	1646
ENSG0000(	0.342542	0	0.4146	0.81455	NA	XX-CR54.1	chr1	+	2.49E+08	2.49E+08	580
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-449C	chr10	-	52582452	52584285	636

ENSG0000(	13.17487	1.995719	2.5702	0.00226	0.005302	EEF1DP3	chr13	+	32420978	32527609	3283
ENSG0000(	0	2.24661	-2.6365	0.10117	0.16301	RP11-556N	chr4	+	76751904	76753858	1955
ENSG0000(	0	1.326428	-1.6486	0.3523	NA	AP001187.	chr11	-	64658898	64660921	1781
ENSG0000(	1.722083	0	2.21	0.18654	NA	RP3-495K2	chr6	-	1.69E+08	1.69E+08	934
ENSG0000(	0.290301	1.964165	-1.7606	0.2818	0.38282	RP11-252I	chr5	-	1.8E+08	1.8E+08	623
ENSG0000(	0.36308	2.575179	-2.2111	0.13803	0.21143	AL845154.	chr13	-	1.15E+08	1.15E+08	514
ENSG0000(	1.960143	1.744828	0.15244	0.91347	0.94093	AC013460.	chr2	+	7561392	7590385	2253
ENSG0000(	12.1369	5.566341	1.076	0.1221	0.19165	RP11-314N	chr20	+	1342266	1343229	480
ENSG0000(	62.51447	39.52432	0.65674	0.070272	0.11959	RP11-159G	chr3	+	88108424	88188123	1377
ENSG0000(	0.290301	0.700845	-0.56655	0.74739	NA	RP11-295K	chr1	+	1.86E+08	1.86E+08	314
ENSG0000(	0.580602	1.326428	-0.76629	0.64583	0.73251	RP11-365C	chr1	+	2.24E+08	2.24E+08	474
ENSG0000(	5.197138	0	3.9587	0.004186	0.009426	AC018730.	chr2	-	1.05E+08	1.05E+08	3103
ENSG0000(	0.580602	0	0.8036	0.6494	NA	AC011998.	chr2	+	1.79E+08	1.79E+08	473
ENSG0000(	0.685084	1.043983	-0.4	0.81273	NA	AC096649.	chr2	+	1.76E+08	1.76E+08	497
ENSG0000(	2.407167	0	2.7149	0.089055	0.14641	RP11-142N	chr10	+	14033815	14049525	570
ENSG0000(	0.632843	0	0.81931	0.64303	NA	CXCR2P1	chr2	-	2.19E+08	2.19E+08	2503
ENSG0000(	0	1.370136	-1.6825	0.34201	NA	RP4-738P1	chr1	-	1.69E+08	1.69E+08	787
ENSG0000(	0.342542	1.623443	-1.4981	0.36671	0.47131	DYNLT3P2	chr2	+	1.29E+08	1.29E+08	295
ENSG0000(	0.36308	5.47651	-3.274	0.013684	0.02796	MRPS18AP	chr3	-	48297840	48298428	589
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP5-971N1	chr20	+	8000549	8008603	1929
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	TRBV10-2	chr7	-	1.42E+08	1.42E+08	395
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTA-796E4.	chr22	-	26557876	26559180	357
ENSG0000(	0.290301	0.686276	-0.47648	0.78935	NA	RP4-644L1	chr20	-	39326535	39327256	273
ENSG0000(	0.290301	1.652581	-1.6475	0.2955	0.3975	UBE2Q1-AS	chr1	+	1.55E+08	1.55E+08	432
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC118754.	chr17	-	4400689	4402969	370
ENSG0000(	0.995923	0.297015	1.0163	0.54122	NA	SNRPFP2	chr1	+	26213851	26214101	251
ENSG0000(	23.99547	23.03173	0.050803	0.90454	0.93409	RP11-391N	chr9	+	68726629	68745997	425
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-460H	chr13	+	1.1E+08	1.1E+08	414
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-522L	chrX	+	1.02E+08	1.02E+08	1084
ENSG0000(	0.943682	0.297015	0.89158	0.60669	NA	RP11-293G	chr1	+	2.36E+08	2.36E+08	247
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC140481.	chr2	-	1.32E+08	1.32E+08	706
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC006030.	chr2	-	74533855	74535135	1281
ENSG0000(	0.36308	0	0.4146	0.81455	NA	ATP8A2P2	chr13	+	33051411	33052978	1568
ENSG0000(	0	2.367995	-2.6905	0.093451	0.15263	RPS15P5	chr3	+	54660242	54660673	432
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	XIST	chrX	-	73040486	73072588	19275
ENSG0000(	2.749709	2.711133	0.011037	0.99194	0.99565	RP11-456P	chr1	+	1.62E+08	1.62E+08	1364
ENSG0000(	138.4138	70.52516	0.96801	1.29E-05	4.08E-05	ZNF688	chr16	-	30580667	30584055	2506
ENSG0000(	0.580602	0.357707	0.37639	0.83285	NA	CCNB1IP1P	chr1	+	45424229	45425067	839
ENSG0000(	10.0629	10.99102	-0.11331	0.85056	0.89488	DDX50P1	chr2	+	32426669	32429068	2400
ENSG0000(	2.282147	1.355566	0.66828	0.58255	0.67866	RP11-510H	chr6	-	1.25E+08	1.25E+08	484
ENSG0000(	2.096328	1.782087	0.14579	0.92529	0.94994	RP1-308E4	chr1	+	28780052	28780445	394
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-567E	chr1	-	2.01E+08	2.01E+08	771
ENSG0000(	0.36308	0.715414	-0.51558	0.77246	NA	RP5-1174J	chrX	+	41607475	41607861	387
ENSG0000(	0	2.07098	-2.4602	0.13507	0.20805	RP11-384C	chr1	+	2.13E+08	2.13E+08	496
ENSG0000(	11.01677	13.0377	-0.23729	0.70896	0.78374	PET100	chr19	+	7694623	7696842	1815
ENSG0000(	4.169512	2.338857	0.77628	0.44139	0.54722	KHSRPP1	chr9	+	21695175	21696942	1768
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	XXbac-BPG	chr6	-	31275592	31276326	306
ENSG0000(	3.547834	1.935026	0.78216	0.46222	0.56726	AC018462.	chr2	-	62296582	62374016	1684
ENSG0000(	12.17976	3.305162	1.7959	0.015602	0.031486	RP11-361K	chr1	+	2.18E+08	2.18E+08	1963
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-141A	chr1	+	49513988	49653257	713
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	EMX2OS	chr10	-	1.19E+08	1.19E+08	1924
ENSG0000(	11.54432	6.566617	0.78987	0.23761	0.33201	RP13-766D	chr17	+	79481073	79494802	783
ENSG0000(	64.85904	61.695	0.06255	0.83874	0.88684	RP11-398K	chr6	+	73972938	74011124	3362
ENSG0000(	1.016461	0.700845	0.39345	0.80723	NA	RP5-1049G	chr20	-	46259010	46260182	860
ENSG0000(	5.135524	0	3.8247	0.00862	0.018342	RP11-524G	chr9	-	1.24E+08	1.24E+08	662
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CTC-546K2	chr5	+	1.21E+08	1.21E+08	821
ENSG0000(	1.027626	0.640152	0.42826	0.80114	NA	RP11-505P	chr6	+	74233341	74280319	586
ENSG0000(	6.535603	3.526915	0.82283	0.3263	0.42918	RP11-157F	chr3	+	57168170	57168751	582
ENSG0000(	7.522153	2.65044	1.4049	0.11937	0.18801	STEAP3-AS1	chr2	-	1.2E+08	1.2E+08	3218
ENSG0000(	0.580602	0.640152	-0.06311	0.97099	NA	RP11-363N	chr10	+	978966	988683	407
ENSG0000(	1.306762	2.200487	-0.61351	0.66577	0.74887	RP11-507K	chr10	+	51023142	51023608	467
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP4-710M:	chr1	-	56673239	56674128	890
ENSG0000(	10.38572	17.78671	-0.75322	0.26758	0.36633	OGFR-AS1	chr20	-	61431979	61436939	668
ENSG0000(	103.1104	36.41915	1.4814	8.67E-06	2.81E-05	RP11-312C	chr1	-	2.06E+08	2.06E+08	758
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	RP11-130C	chr9	+	659986	660326	341

ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-199C	chr20	+	6427370	6509106	1484
ENSG0000(	0	1.84278	-2.0842	0.23234	NA	IMMTP1	chr21	-	46095785	46098003	2219
ENSG0000(	0	1.66715	-1.9695	0.25993	NA	RP5-1132H	chr7	-	65490113	65496531	306
ENSG0000(	0	1.773966	-2.0065	0.25182	NA	HNRNPA1P	chr1	-	58513847	58514963	963
ENSG0000(	18.8703	378.8441	-4.3095	1.81E-57	4.95E-56	Z83851.1	chr22	-	42760406	42765242	1142
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP4-730D4	chr20	+	41235334	41236199	348
ENSG0000(	0.685084	0.98329	-0.35409	0.8342	NA	AC004549.	chr7	-	27773014	27780014	859
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	GK3P	chr4	-	1.66E+08	1.66E+08	2232
ENSG0000(	0.653381	1.416259	-0.79451	0.61517	0.70699	RP11-456H	chr6	+	12007903	12009089	784
ENSG0000(	0.653381	0	0.82678	0.64037	NA	SEPT7P7	chr9	+	1.01E+08	1.01E+08	1301
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	HSPD1P21	chr20	-	44168622	44168866	245
ENSG0000(	0.685084	1.073121	-0.37207	0.83246	NA	RP11-399E	chr1	-	41840676	41841341	394
ENSG0000(	1.286224	1.234181	0.029042	0.98369	0.99083	RP11-206L	chr1	+	696291	697369	456
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC128709.	chr3	-	1.97E+08	1.97E+08	600
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-404C	chr1	-	1.58E+08	1.58E+08	499
ENSG0000(	4.584833	0.343138	3.0233	0.026007	0.049998	AC016999.	chr2	-	2.39E+08	2.39E+08	452
ENSG0000(	0.290301	2.102535	-1.8274	0.26251	0.36071	AC007014.	chr16	+	11120881	11121620	740
ENSG0000(	2.096328	0	2.2646	0.18883	0.27515	DOCK9-AS1	chr13	+	99484338	99486883	392
ENSG0000(	0	2.027273	-2.4385	0.13903	0.2127	AC016734.	chr2	-	63869589	63871172	1334
ENSG0000(	2.976604	100.5799	-4.9483	4.51E-18	3.47E-17	KIF25-AS1	chr6	-	1.68E+08	1.68E+08	2795
ENSG0000(	0.632843	0.594029	0.039277	0.98194	NA	FAM90A26	chr4	+	9172135	9178453	2489
ENSG0000(	0.995923	1.280305	-0.30329	0.83416	0.88339	RHEBP1	chr10	+	46914088	46914795	708
ENSG0000(	2.023549	0	2.432	0.14018	0.21407	RP11-504P	chr1	-	2.24E+08	2.24E+08	246
ENSG0000(	14.24358	5.834217	1.236	0.061263	0.10629	RP1-151F1	chr6	+	16761369	16762883	635
ENSG0000(	4.689314	4.22776	0.1236	0.88515	0.91974	YWHAZP3	chr10	+	23425852	23426590	738
ENSG0000(	1.701545	3.633731	-1.0038	0.35084	0.45522	RP11-111F	chrX	+	1.11E+08	1.11E+08	287
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC012499.	chr2	+	1.79E+08	1.79E+08	741
ENSG0000(	12.53168	16.76696	-0.41528	0.40956	0.51444	AC004797.	chr17	-	47500970	47502298	1329
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	RP13-766D	chr17	+	79480089	79480210	122
ENSG0000(	0.632843	1.073121	-0.47016	0.7819	NA	AC092431.	chr2	+	69824485	69826083	975
ENSG0000(	1.628766	0	2.1781	0.19145	NA	RP1-290I1(	chr6	+	10409573	10416679	1575
ENSG0000(	1.431782	0.700845	0.75326	0.63313	0.72196	AC104695.	chr2	-	28607276	28617539	3001
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	RP11-284F	chr1	-	1.57E+08	1.57E+08	758
ENSG0000(	0.705622	1.370136	-0.71417	0.6513	0.73678	MTND2P2	chrX	+	1.02E+08	1.02E+08	945
ENSG0000(	2.386629	9.292319	-1.8612	0.030497	0.057592	RP1-5O6.4	chr22	-	38783923	38784862	541
ENSG0000(	4.887113	0.686276	2.3321	0.083431	0.1385	ZRANB2-AS	chr1	+	71547007	71955652	888
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-71G1	chr1	+	1.57E+08	1.57E+08	471
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	RP11-366F	chrX	-	1.51E+08	1.51E+08	850
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP3-393P1	chrX	-	47636226	47638096	1433
ENSG0000(	4.107898	38.58466	-3.1005	1.83E-07	6.98E-07	AC007128.	chr7	+	8301894	8384146	1853
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	IQCF3	chr3	+	51851620	51864876	1685
ENSG0000(	0.685084	0	0.85004	0.63064	NA	LIPT1P1	chr13	+	1.03E+08	1.03E+08	1186
ENSG0000(	0	5.361573	-3.9914	0.00392	0.008864	RP5-1031J	chr20	+	38414363	38441871	480
ENSG0000(	3.516131	16.68204	-2.0959	0.013875	0.028313	TOB1-AS1	chr17	+	48944040	48987098	1351
ENSG0000(	6.007242	0	4.1622	0.002187	0.005142	RP11-215N	chr10	-	1.1E+08	1.1E+08	800
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-15I1:	chr1	+	2.12E+08	2.12E+08	510
ENSG0000(	7.23006	0	4.4517	0.000727	0.001842	RP11-31E2	chr1	-	1.99E+08	1.99E+08	2308
ENSG0000(	2.842212	4.412253	-0.54942	0.59318	0.68796	RP11-574K	chr10	+	75601591	75606324	317
ENSG0000(	1.265686	1.713273	-0.32798	0.81115	0.86704	HMGB3P9	chr1	-	93112605	93113187	583
ENSG0000(	5.850519	10.41968	-0.80067	0.23579	0.32974	RP4-765A1	chr1	+	35816323	35817208	886
ENSG0000(	3.600075	1.485073	1.0312	0.43166	0.53715	AC093585.	chr2	-	2.42E+08	2.42E+08	428
ENSG0000(	0.943682	1.828211	-0.73536	0.62578	0.71582	RP5-1042K	chr22	-	40768668	40784294	432
ENSG0000(	7.292652	50.93467	-2.7135	7.72E-07	2.78E-06	ALMS1-IT1	chr2	+	73683891	73686611	2107
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-217F	chr9	-	75060670	75060885	216
ENSG0000(	1.89853	2.185918	-0.17587	0.89172	0.92489	SNAP47-AS	chr1	-	2.28E+08	2.28E+08	1708
ENSG0000(	0.290301	1.012429	-0.95336	0.58114	NA	ANKRD36B	chr2	+	89065324	89106126	5395
ENSG0000(	3.963155	0.654722	2.1973	0.080398	0.13413	RP4-568F9	chr20	-	18303196	18339944	2490
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	CTSL1P4	chr10	-	52465140	52468666	1002
ENSG0000(	0.580602	0.343138	0.37443	0.8337	NA	RP11-80B9	chr1	-	2.41E+08	2.41E+08	456
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	NHS-AS1	chrX	-	17570470	17575508	366
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP5-857K2	chr1	-	536816	741274	750
ENSG0000(	2.811323	1.073121	1.1027	0.45129	0.55687	FNTAP2	chr13	+	22104829	22105462	634
ENSG0000(	5.757203	0.891044	2.2626	0.061106	0.10608	RP11-95P1	chr1	-	2.2E+08	2.2E+08	451
ENSG0000(	0.705622	0.343138	0.57395	0.74355	NA	RP11-382D	chr1	+	2.36E+08	2.36E+08	1388
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP5-1121A	chr7	+	1.57E+08	1.57E+08	531

ENSG0000(	0	1.416259	-1.7181	0.33141	NA	RP11-174G	chr1	-	18493423	18505840	430
ENSG0000(	0.290301	0.594029	-0.38058	0.83094	NA	AL596137.	chr10	-	52365750	52365953	195
ENSG0000(	6.95011	30.80011	-2.0656	0.000245	0.000662	AK3P3	chr7	+	23168797	23169460	664
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	BIRC6-AS1	chr2	-	32602699	32604667	697
ENSG0000(	251.0317	358.0069	-0.51174	0.000589	0.001513	CISD3	chr17	+	36886488	36891297	2326
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	RP11-172E	chr13	-	40918094	40924440	444
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-384C	chr1	+	2.12E+08	2.12E+08	650
ENSG0000(	1.866827	0	2.3484	0.15622	NA	AC010974.	chr2	+	1.33E+08	1.33E+08	374
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	HSPD1P6	chr3	-	36808608	36810290	1683
ENSG0000(	3.04001	2.66501	0.16438	0.87699	0.91433	CDC42-IT1	chr1	+	22385690	22390692	692
ENSG0000(	7.032262	4.721421	0.56296	0.49218	0.59609	LRRC37A15	chr4	-	1.04E+08	1.04E+08	1355
ENSG0000(	3.008307	2.872193	0.037179	0.97168	0.98436	RPL4P6	chr22	-	40982704	40984007	1304
ENSG0000(	8.307321	18.38961	-1.0854	0.13035	0.20206	RP11-195F	chr9	+	34665662	34681295	665
ENSG0000(	3.008307	2.667426	0.15237	0.88772	0.92164	AC016708.	chr2	+	2.16E+08	2.16E+08	318
ENSG0000(	0.36308	0	0.4146	0.81455	NA	MTAPP2	chr3	-	1.9E+08	1.9E+08	832
ENSG0000(	0.36308	1.326428	-1.249	0.46108	NA	RP11-165M	chr9	-	1.15E+08	1.15E+08	211
ENSG0000(	4.814334	3.365854	0.46866	0.62464	0.71475	PRRT3-AS1	chr3	+	9989088	9996471	614
ENSG0000(	16.57699	6.420125	1.3368	0.03104	0.058424	RP4-613B2	chr3	-	42643455	42695880	722
ENSG0000(	2.064625	2.635871	-0.33741	0.76298	0.82798	AC108025.	chr2	-	5758459	5831250	1058
ENSG0000(	5.414661	24.69244	-2.1061	0.000468	0.001221	TMEM254-.	chr10	-	81806616	81838668	3121
ENSG0000(	0.705622	0.951736	-0.34312	0.83184	NA	RP11-206L	chr1	-	736259	745541	523
ENSG0000(	0	4.103959	-3.2596	0.04339	0.078704	RP11-462G	chr10	+	1.33E+08	1.33E+08	472
ENSG0000(	0.290301	0	0.4146	0.81455	NA	TUBB3P2	chr7	-	1.34E+08	1.34E+08	297
ENSG0000(	0.290301	0.997859	-1.0217	0.53916	NA	RP11-407B	chr3	-	1.94E+08	1.94E+08	2666
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	AC018712.	chr2	-	1.74E+08	1.74E+08	687
ENSG0000(	0.290301	2.759672	-2.1272	0.19084	0.27764	RP11-431M	chrX	+	56644824	56650891	713
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	AF228730.	chr8	+	7028072	7028263	192
ENSG0000(	0.995923	3.305162	-1.5089	0.20749	0.29725	CTA-126B4	chr22	+	42834029	42842201	572
ENSG0000(	0.943682	0.357707	0.90033	0.60199	NA	RP11-275M	chr10	-	21629162	21661879	439
ENSG0000(	0	3.489656	-3.0062	0.067273	0.11517	AC005086.	chr7	-	1.02E+08	1.02E+08	213
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-163G	chr1	+	42957410	42958164	755
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC092569.	chr2	-	30969310	30969567	258
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC123900.	chr3	-	33231725	33231820	96
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	ECEL1P3	chr2	-	2.33E+08	2.33E+08	737
ENSG0000(	18.9919	22.22803	-0.21433	0.70316	0.77919	RP5-1180C	chr1	-	1.8E+08	1.8E+08	2667
ENSG0000(	0.995923	7.807246	-2.679	0.010278	0.021554	FGF12-AS2	chr3	+	1.92E+08	1.92E+08	580
ENSG0000(	0	5.788094	-4.0903	0.003116	0.007167	RP11-282I1	chr10	+	1.25E+08	1.25E+08	831
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP5-1100I6	chr20	+	24180403	24205224	2376
ENSG0000(	3.693391	0	3.4184	0.01986	0.039228	AC016738.	chr2	-	1.02E+08	1.02E+08	493
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	SEPHS1P4	chrX	+	72989083	72990258	1176
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-305L	chr9	-	93931867	93932327	461
ENSG0000(	46.94636	7.160646	2.6466	4.20E-08	1.69E-07	HOXB-AS1	chr17	+	46620913	46628610	804
ENSG0000(	0.342542	1.280305	-1.2322	0.4658	NA	RP3-508I15	chr22	+	39130735	39134995	527
ENSG0000(	1.608228	1.66715	-0.03103	0.98267	0.99021	AC018463.	chr2	+	11448151	11449067	917
ENSG0000(	1.265686	0.951736	0.30973	0.83942	0.88733	RP3-477O4	chr20	-	34064028	34078808	600
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	LINC00443	chr13	+	1.07E+08	1.07E+08	1170
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	MTND1P28	chr2	+	1.18E+08	1.18E+08	950
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-232D	chrX	-	1.16E+08	1.16E+08	512
ENSG0000(	0.72616	0	0.85004	0.63064	NA	AC004854.	chr7	+	44959268	44959928	349
ENSG0000(	0.72616	0.654722	0.069147	0.96802	NA	RP11-97N5	chrX	-	1.35E+08	1.35E+08	1134
ENSG0000(	15.76688	8.03712	0.92752	0.13681	0.21005	SMIM12-AS	chr1	+	35316295	35317156	720
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTB-1144G	chr10	+	1.16E+08	1.16E+08	333
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	HNRNPA1P	chrX	+	1.18E+08	1.18E+08	961
ENSG0000(	1.08924	0	1.1858	0.50299	NA	RP11-369J	chr10	+	81885697	81886073	377
ENSG0000(	1.048164	0	1.348	0.44949	NA	XXbac-BPG	chr6	+	31409444	31414750	2141
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	RP11-466F	chr1	+	1.66E+08	1.66E+08	470
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP4-779E1	chr20	+	4173712	4176590	697
ENSG0000(	21.19352	18.41142	0.20282	0.6533	0.73847	RP5-1112D	chr6	+	1.12E+08	1.12E+08	557
ENSG0000(	0.685084	1.430828	-0.63766	0.71446	0.7884	CTD-2542C	chrX	+	16821356	16821476	121
ENSG0000(	0.705622	0	0.8807	0.6196	NA	CNOT6LP1	chr15	-	56297911	56299374	1462
ENSG0000(	7.8312	4.438975	0.78615	0.35762	0.46189	SMYD3-IT1	chr1	-	2.46E+08	2.46E+08	361
ENSG0000(	2.738544	4.974728	-0.81073	0.40644	0.51123	C9orf147	chr9	-	1.15E+08	1.15E+08	863
ENSG0000(	1.265686	0.640152	0.71969	0.64739	NA	RP11-405L	chr9	-	37490418	37490890	473
ENSG0000(	17.69614	12.51651	0.4875	0.43346	0.53886	GS1-124K5	chr7	-	65874130	65955046	1016
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC073387.	chr7	+	1.09E+08	1.09E+08	709

ENSG0000(	0.36308	0	0.4146	0.81455	NA	AC000081.	chr22	-	19225966	19226262	297
ENSG0000(	7.022889	10.5459	-0.5489	0.45329	0.55877	AC118138.	chr7	+	74765876	74789332	950
ENSG0000(	3.266906	3.319731	-0.01733	0.98802	0.99322	ATP6V0CP1	chr17	-	4760052	4760669	618
ENSG0000(	80.27157	139.5767	-0.79559	0.00027	0.000727	RP11-632C	chr6	+	1.18E+08	1.18E+08	474
ENSG0000(	2.49967	0	2.7866	0.07964	0.13296	RP11-631F	chr6	-	1.48E+08	1.48E+08	426
ENSG0000(	2.396002	4.80722	-0.91905	0.40972	0.51457	RPL4P5	chr9	-	7477045	7478320	1276
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	IFNNP1	chr9	-	21058770	21059322	553
ENSG0000(	1.068702	7.097537	-2.483	0.02598	0.049955	AP000688.	chr21	-	37441940	37498938	1221
ENSG0000(	0.290301	5.505649	-3.2823	0.015409	0.03115	HSPB1P2	chrX	-	49090415	49090960	546
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	FAM92A1P	chr4	+	1.84E+08	1.84E+08	2455
ENSG0000(	0.290301	1.40169	-1.3255	0.43225	NA	RP11-173G	chr9	+	98054620	98057092	2473
ENSG0000(	21.09083	20.59089	0.028132	0.94863	0.96766	PHBP9	chr10	+	1.02E+08	1.02E+08	825
ENSG0000(	0.342542	0	0.4146	0.81455	NA	MTND5P14	chr9	+	5109496	5110762	1267
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	SIAH1P1	chrX	+	35644247	35645181	923
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-241I	chr10	+	32272813	32273482	342
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	SPATA31C1	chr9	+	90529408	90538572	3895
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	PHBP4	chr2	+	1.55E+08	1.55E+08	837
ENSG0000(	0.685084	2.185918	-1.3114	0.38184	0.48599	RP11-423C	chr1	+	1.43E+08	1.43E+08	1069
ENSG0000(	3.797873	0.997859	1.651	0.1771	0.2607	RP11-645M	chr7	+	1.03E+08	1.03E+08	1072
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	MIRLET7DH	chr9	-	96938884	96966850	1294
ENSG0000(	1.068702	0.640152	0.49176	0.76049	NA	XXYLT1-AS2	chr3	+	1.95E+08	1.95E+08	784
ENSG0000(	0	18.48756	-5.7393	3.49E-06	1.18E-05	RP1-40E16	chr6	-	3182978	3195990	1506
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AC087163.	chr17	-	17884506	17884886	381
ENSG0000(	9.325574	3.945314	1.1876	0.11676	0.18451	RP11-38O1	chr1	+	2.03E+08	2.03E+08	918
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-290M	chr1	+	86064814	86066417	255
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	RP11-305E	chr1	+	1.01E+08	1.01E+08	228
ENSG0000(	2.551911	8.386706	-1.5847	0.063403	0.10946	RP11-334J	chr9	-	1.34E+08	1.34E+08	473
ENSG0000(	0.653381	0	0.82678	0.64037	NA	ARMC2-AS1	chr6	-	1.09E+08	1.09E+08	112
ENSG0000(	6.349784	5.07268	0.28134	0.7368	0.80595	RP11-244J	chr12	-	80496676	80497113	438
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP13-507P	chr12	+	1.32E+08	1.32E+08	2009
ENSG0000(	11.97341	9.589333	0.30679	0.62167	0.71218	RP11-458F	chr7	+	66345695	66347968	351
ENSG0000(	0.36308	1.326428	-1.249	0.46108	NA	AC093162.	chr2	-	85489267	85489390	124
ENSG0000(	2.592987	0	2.8438	0.071235	0.12092	STARD13-I1	chr13	-	33732724	33738546	452
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	OR5H6	chr3	+	97983088	97984200	1113
ENSG0000(	0.342542	0.640152	-0.50911	0.77219	NA	RP11-213G	chr9	-	88400637	88408395	492
ENSG0000(	0	1.387121	-1.6961	0.33794	NA	CICP6	chr3	-	1.98E+08	1.98E+08	2729
ENSG0000(	2.49967	3.708992	-0.48274	0.64051	0.72762	BANF1P2	chr10	-	1.35E+08	1.35E+08	264
ENSG0000(	0.342542	0.891044	-0.73092	0.68123	NA	CTD-2192J	chr19	+	12663411	12664458	543
ENSG0000(	0.36308	2.010288	-1.8766	0.22248	0.31471	AC004074.	chrX	+	72442960	72443394	435
ENSG0000(	4.221753	0.297015	2.9354	0.032845	0.061498	LL0XNC01-	chrX	+	1.03E+08	1.03E+08	919
ENSG0000(	0	5.110682	-3.8934	0.005686	0.012518	HCG24	chr6	+	33112560	33115544	717
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	ELOVL2-AS1	chr6	+	11043993	11078459	903
ENSG0000(	0.36308	263.8588	-8.5922	1.39E-18	1.10E-17	FEZF1-AS1	chr7	+	1.22E+08	1.22E+08	2653
ENSG0000(	8.040164	4.210775	0.86411	0.29595	0.39799	AL022476.	chr22	+	43434591	43448372	2083
ENSG0000(	1.016461	0.297015	0.95157	0.5817	NA	RP4-769N1	chrX	+	1.02E+08	1.02E+08	457
ENSG0000(	0.632843	0.937167	-0.40344	0.80349	NA	CTD-3105H	chr19	+	12615719	12616790	428
ENSG0000(	0.290301	0.654722	-0.51764	0.76892	NA	RP3-323N1	chr10	-	11210885	11213339	430
ENSG0000(	0.72616	2.382564	-1.2725	0.42054	0.52595	LINC00159	chr21	-	33452629	33570125	438
ENSG0000(	1.338465	0	1.8837	0.27037	NA	RP11-385F	chr1	-	2.37E+08	2.37E+08	494
ENSG0000(	0.36308	0.715414	-0.51558	0.77246	NA	HMGN1P3	chrX	-	9833133	9833583	451
ENSG0000(	17.39825	16.50634	0.068379	0.90982	0.93808	HMGN2P3	chr16	-	26043860	26044132	273
ENSG0000(	1.733248	0.357707	1.5335	0.35837	0.46266	AC004538.	chr7	+	11221359	11559802	2078
ENSG0000(	0.685084	3.665285	-2.001	0.13984	0.21358	RP4-635E1	chr1	+	11159732	11162157	487
ENSG0000(	0.342542	1.995719	-1.8877	0.21566	0.30671	FANCD2P2	chr3	+	11901148	11932646	1400
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	NCAPD2P1	chr7	-	34789865	34791665	1801
ENSG0000(	10.09281	10.63332	-0.06565	0.91237	0.94008	RP11-166C	chr7	+	66744765	66751606	1017
ENSG0000(	7.707973	3.757532	0.97599	0.30322	0.40449	TPI1P2	chr7	+	1.29E+08	1.29E+08	752
ENSG0000(	0.342542	0.98329	-0.93492	0.58786	NA	RPL4P3	chr1	-	1.72E+08	1.72E+08	1311
ENSG0000(	2.967231	0.951736	1.3686	0.28102	0.38202	DSCR9	chr21	+	38580804	38594037	1644
ENSG0000(	0.653381	1.340997	-0.79074	0.59756	0.69176	AC005007.	chr7	-	11046026	11046503	478
ENSG0000(	0.943682	0.594029	0.4146	0.80719	NA	KARSP2	chr13	+	1.14E+08	1.14E+08	1639
ENSG0000(	65.4998	19.48051	1.7334	5.09E-07	1.87E-06	GOLGA6L5	chr15	-	85051116	85060045	2337
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	MEMO1P4	chrX	+	1.23E+08	1.23E+08	386
ENSG0000(	13.34178	17.55764	-0.39446	0.42588	0.53124	AC009245.	chr7	+	1.37E+08	1.37E+08	862
ENSG0000(	4.410178	0	3.6175	0.013819	0.028211	RP11-14O2	chr13	-	38055604	38058906	511

ENSG0000(	0	0.937167	-1.2408	0.48662	NA	AC017040.	chr2	+	1.16E+08	1.16E+08	883
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	RP5-1139I:	chrX	+	1.18E+08	1.18E+08	2907
ENSG0000(	13.82728	0	5.4031	9.25E-06	2.98E-05	AC092667.	chr2	+	1.01E+08	1.01E+08	2586
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	RP11-692P	chrX	+	7975419	7986201	177
ENSG0000(	1.016461	0.357707	0.95974	0.57727	NA	SPTLC1P1	chr10	+	31649884	31650144	261
ENSG0000(	1.939605	0	2.4257	0.13778	0.21116	RBBP8P1	chrX	-	1.18E+08	1.18E+08	1844
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	RP11-359G	chr20	-	22656710	22665982	2320
ENSG0000(	25.22269	58.47075	-1.2078	0.0019	0.004512	TCEA1P2	chr3	+	37317087	37318089	940
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	OR3D1P	chr1	+	2.48E+08	2.48E+08	955
ENSG0000(	4.688501	5.658588	-0.22915	0.79637	0.85544	RP5-902P8	chr1	+	1210603	1215800	389
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	LINC00856	chr10	+	80008505	80434724	2692
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	XX-C2158C	chr6	+	1.71E+08	1.71E+08	333
ENSG0000(	8.713269	8.331719	0.057047	0.93567	0.95758	RP1-43E13	chr1	+	19536995	19567198	507
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-313A	chr1	+	95527152	95533101	1096
ENSG0000(	1.742621	0	1.9826	0.25789	NA	RP1-196A1	chr16	+	501404	503461	278
ENSG0000(	0.580602	0.357707	0.37639	0.83285	NA	AC114803.	chr2	+	2.2E+08	2.2E+08	311
ENSG0000(	1.359003	3.573038	-1.2604	0.26684	0.36556	RP1-20B11	chr6	+	524171	525581	851
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-14O1	chr1	-	95816807	95817810	602
ENSG0000(	8.724434	0.937167	2.8578	0.006229	0.013622	RP11-420G	chr6	-	2854891	2876744	1254
ENSG0000(	2.624689	3.183777	-0.2676	0.79607	0.85538	RP11-488P	chr1	-	94218480	94241000	1671
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	TFAMP1	chr7	+	1654226	1654961	736
ENSG0000(	5.766575	20.35786	-1.7437	0.009322	0.019694	LRRC37A6P	chr10	-	27535279	27548384	5444
ENSG0000(	1.317927	0.640152	0.74499	0.63843	0.72627	RPL7P4	chr6	-	30664583	30665312	730
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	AC012457.	chr2	+	25427182	25432071	466
ENSG0000(	45.82021	184.0976	-1.9944	9.49E-16	6.49E-15	ANKRD18B	chr9	+	33524392	33573007	3773
ENSG0000(	18.00698	32.0449	-0.81436	0.16364	0.24429	U73166.2	chr3	+	50297735	50300790	2625
ENSG0000(	2.323223	0	2.4326	0.15328	0.23122	AC129778.	chr9	+	42808660	42812274	762
ENSG0000(	2.946693	2.307303	0.3161	0.77604	0.83917	PA2G4P4	chr3	-	1.57E+08	1.57E+08	1182
ENSG0000(	1.338465	1.188058	0.094053	0.95085	0.96922	RP11-741G	chr15	+	77570807	77571116	310
ENSG0000(	6.701698	0.594029	2.9284	0.01402	0.028569	PROX1-AS1	chr1	-	2.14E+08	2.14E+08	5185
ENSG0000(	13.03094	0.297015	4.5188	0.000143	0.0004	AP000695.	chr21	+	37802658	37853368	893
ENSG0000(	2.386629	0	2.6941	0.092956	0.15198	ATP5G2P3	chr2	+	1.98E+08	1.98E+08	425
ENSG0000(	0.290301	0	0.4146	0.81455	NA	OR51A10P	chr11	-	5489716	5490652	937
ENSG0000(	26.38047	26.54891	-0.00829	0.98349	0.99083	PSMG3-AS1	chr7	+	1609709	1629262	5701
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	RP11-141M	chr13	-	33929343	34250905	892
ENSG0000(	1.814586	0.343138	1.6133	0.33149	0.43467	RP11-462D	chr20	-	17579900	17580452	553
ENSG0000(	5.507977	1.545765	1.6052	0.14068	0.21463	RP4-564M:	chr1	+	77533605	77544167	497
ENSG0000(	5.653535	0	4.0717	0.00297	0.00685	AC108463.	chr2	+	1.12E+08	1.12E+08	412
ENSG0000(	10.83013	0	5.0683	4.29E-05	0.000128	RP11-360I2	chr10	+	28033715	28056723	745
ENSG0000(	0.290301	0	0.4146	0.81455	NA	ANKRD30B	chr10	+	45652223	45672373	1070
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RPL19P21	chrX	+	1.5E+08	1.5E+08	591
ENSG0000(	5.333322	13.63502	-1.3121	0.060192	0.10471	PPP5D1	chr19	-	46984053	47104457	2777
ENSG0000(	14.16045	21.41641	-0.59154	0.24055	0.33541	THAP7-AS1	chr22	+	21356175	21364631	2298
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	AC092580.	chr2	-	7811735	7812377	469
ENSG0000(	1.390706	0	1.6954	0.33813	NA	RP11-1060	chr12	+	27855271	27855839	569
ENSG0000(	0.975385	0.297015	0.91901	0.59525	NA	HCG4P7	chr6	-	29855071	29856045	975
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	RP3-437I16	chr1	-	29656132	29676626	2148
ENSG0000(	2.697468	0.640152	1.6802	0.21134	0.30167	COL6A4P1	chr3	-	15193340	15247466	4317
ENSG0000(	0.580602	0	0.8036	0.6494	NA	NOS2P3	chr17	+	20339650	20350557	3323
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CEACAMP9	chr19	-	43600608	43601512	513
ENSG0000(	0	5.537203	-4.0522	0.003169	0.00728	LIMD1-AS1	chr3	-	45720535	45730626	1536
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	RP11-297A	chr10	-	35386934	35415948	651
ENSG0000(	0	7.393679	-4.3206	0.002236	0.005248	BASP1P1	chr13	-	23471480	23472144	665
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-379C	chr9	-	1.31E+08	1.31E+08	765
ENSG0000(	0.870904	1.012429	-0.11194	0.94661	NA	RP11-305L	chr9	-	93867239	93869586	815
ENSG0000(	3.081086	6.030864	-0.9125	0.32929	0.43245	LINC00102	chrX	-	2531029	2533388	1340
ENSG0000(	0	1.294874	-1.8547	0.27869	NA	RP11-74C1	chr1	+	2.04E+08	2.04E+08	1126
ENSG0000(	319.838	311.0285	0.040019	0.8265	0.87784	CTB-89H12	chr5	-	1.49E+08	1.49E+08	8636
ENSG0000(	1.741807	5.447372	-1.3682	0.27184	0.37125	AC092162.	chr2	-	1.78E+08	1.78E+08	4673
ENSG0000(	29.4931	25.09943	0.22761	0.58934	0.68468	RP11-517P	chr10	+	43916186	43917548	760
ENSG0000(	1.919068	3.06884	-0.57526	0.60674	0.69981	CTC-228N2	chr5	+	1.27E+08	1.27E+08	1044
ENSG0000(	8.19428	10.19706	-0.2911	0.7166	0.79003	FAM133DP	chr2	-	1.58E+08	1.58E+08	691
ENSG0000(	20.36369	13.85032	0.51961	0.43077	0.5363	ZNF32-AS2	chr10	+	44141390	44143467	905
ENSG0000(	0.995923	1.606458	-0.5669	0.68944	0.76855	SF3A3P1	chr20	-	3470176	3471652	1477
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-69L1	chr6	-	7341087	7342289	1203

ENSG0000(	2.842212	1.370136	0.91987	0.47338	0.57796	RP13-228J	chrX	+	1.55E+08	1.55E+08	426
ENSG0000(	1.048164	4.570898	-1.8999	0.10477	0.16786	RP11-390F	chr9	+	6834456	6835577	1122
ENSG0000(	0.290301	4.303021	-2.9643	0.030611	0.057737	GTF2IRD1P	chr7	-	66274980	66309813	2426
ENSG0000(	1.027626	2.543625	-1.0637	0.45737	0.56257	PHBP12	chr1	+	51246012	51246822	811
ENSG0000(	1.068702	0.343138	0.99978	0.56109	NA	AC093609.	chr2	-	43324884	43329829	952
ENSG0000(	127.1314	68.21046	0.89061	0.006823	0.014799	FTX	chrX	-	73183790	73513409	2597
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RPSAP8	chrX	-	99410883	99411771	889
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP3-331H2	chr6	+	72038645	72039509	352
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-402G	chr9	-	1.17E+08	1.17E+08	550
ENSG0000(	0.923144	0.98329	-0.04766	0.97585	0.9865	TSEN15P2	chr1	+	52325450	52325807	358
ENSG0000(	8.777488	1.326428	2.4714	0.015218	0.0308	AC159540.	chr2	-	98081083	98095220	3563
ENSG0000(	1.338465	0	1.8837	0.27037	NA	RP11-167P	chr10	+	74320022	74320214	193
ENSG0000(	1.649304	0.357707	1.6361	0.29742	0.39936	HMGB1P27	chr2	+	1.92E+08	1.92E+08	603
ENSG0000(	1.317927	0.640152	0.74499	0.63843	0.72627	AC004237.	chr5	+	1.32E+08	1.32E+08	502
ENSG0000(	5.467715	12.10382	-1.1275	0.10142	0.16334	HM13-AS1	chr20	-	30155510	30161066	489
ENSG0000(	8.631931	0	4.7164	0.000241	0.000652	RP5-1198C	chr1	+	44509600	44570647	2644
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC079987.	chr7	+	83054196	83054318	123
ENSG0000(	0	1.652581	-2.1974	0.1871	NA	UQCRHP1	chr6	-	31578860	31579133	274
ENSG0000(	0.685084	163.2761	-7.398	1.85E-18	1.44E-17	RP11-469A	chr1	+	2E+08	2E+08	507
ENSG0000(	3.298608	4.120944	-0.314	0.74575	0.81348	RP11-286H	chr7	+	1.29E+08	1.29E+08	1200
ENSG0000(	16.35946	33.41416	-1.0235	0.016071	0.032349	RPS23P8	chrX	+	70182814	70183143	330
ENSG0000(	1183.223	1.71569	9.1964	6.65E-56	1.76E-54	DNM3OS	chr1	-	1.72E+08	1.72E+08	568
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-359N	chr6	-	14230006	14231801	470
ENSG0000(	2.479132	0.594029	1.4883	0.33943	0.44332	RP11-37E2	chr13	+	32872291	32872849	437
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP5-996D2	chr22	-	46877226	46877657	432
ENSG0000(	3.153051	1.964165	0.60684	0.60777	0.70056	CTA-246H3	chr22	+	25723219	25735942	663
ENSG0000(	16.40152	0	5.6678	1.80E-06	6.29E-06	RP11-486B	chr1	+	42007740	42010258	2242
ENSG0000(	0.290301	0	0.4146	0.81455	NA	USP12-AS2	chr13	+	27746396	27757135	279
ENSG0000(	0.342542	6.618445	-3.4943	0.008677	0.018458	AC010984.	chr2	+	1.31E+08	1.31E+08	1039
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AC022816.	chr17	+	14277456	14324343	804
ENSG0000(	1.286224	2.993578	-1.0548	0.36259	0.46675	RP3-406P2	chr6	-	4019077	4021449	209
ENSG0000(	0.653381	0	0.82678	0.64037	NA	AC024084.	chr7	+	1.36E+08	1.36E+08	455
ENSG0000(	1.068702	1.355566	-0.29535	0.83804	0.88621	AC112229.	chr2	-	1.11E+08	1.11E+08	3130
ENSG0000(	2.770247	0.343138	2.2727	0.12751	0.19845	PRB4	chr12	-	11460017	11463369	913
ENSG0000(	3.569185	7.486798	-1.0128	0.3064	0.40793	KLHL7-AS1	chr7	-	23140847	23145322	2564
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	YY1P1	chr10	-	72245092	72246081	668
ENSG0000(	2.084349	1.370136	0.50528	0.73196	0.80198	FAM224B	chrY	-	19664680	19691634	2032
ENSG0000(	0	1.591889	-2.1342	0.20414	NA	PRKRIRP1	chrX	-	73616706	73619385	2203
ENSG0000(	0.342542	3.512346	-2.6138	0.070288	0.1196	CEACAM22	chr19	-	45041045	45124119	3016
ENSG0000(	0.580602	1.935026	-1.2792	0.39216	0.4965	SETP18	chr1	-	92540090	92540968	879
ENSG0000(	2.604151	8.785704	-1.5994	0.1012	0.16304	PABPC1P3	chrX	-	73802923	73803381	459
ENSG0000(	0.342542	0.594029	-0.38792	0.8278	NA	RP11-65J3.	chr9	-	1.32E+08	1.32E+08	1846
ENSG0000(	1.048164	0.997859	0.034858	0.98138	0.98968	ENO1-AS1	chr1	+	8938894	8939953	456
ENSG0000(	12.67903	3.859516	1.6189	0.07471	0.12608	DDTP1	chr3	-	38556939	38557321	383
ENSG0000(	0.943682	2.589748	-1.2063	0.35334	0.4577	RP11-409K	chr9	+	1.33E+08	1.33E+08	266
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	MRPL35P4	chrX	-	12862984	12863549	566
ENSG0000(	1.016461	0	1.3167	0.46021	NA	RP11-62F2	chr9	+	16625674	16626388	455
ENSG0000(	2.366091	1.964165	0.21645	0.86739	0.90758	AC012462.	chr2	+	2.16E+08	2.16E+08	131
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	AC011753.	chr2	-	1.1E+08	1.1E+08	610
ENSG0000(	2.354926	0.715414	1.3929	0.33335	0.43665	AC097635.	chr3	-	20049344	20049739	396
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	CTD-2330K	chr3	+	49936735	49941190	544
ENSG0000(	39.50555	25.97603	0.58318	0.23438	0.32812	RP11-54O7	chr1	+	846815	850328	3043
ENSG0000(	12.3955	28.67971	-1.1772	0.026309	0.050507	FBXW4P1	chr22	+	23605323	23606541	1219
ENSG0000(	0.290301	0.700845	-0.56655	0.74739	NA	RP11-681L	chr2	+	62083830	62084190	361
ENSG0000(	0	15.34903	-5.5132	7.46E-06	2.43E-05	RP11-364B	chrX	+	1.39E+08	1.39E+08	819
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AP000354.	chr22	-	24644042	24645434	664
ENSG0000(	159.7907	95.28808	0.73829	0.000955	0.002376	RP11-274B	chr7	+	1.28E+08	1.28E+08	507
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-14C2	chr10	+	31012180	31012669	408
ENSG0000(	85.41393	185.3551	-1.1186	3.66E-07	1.36E-06	RP11-304N	chr11	-	127115	139117	2661
ENSG0000(	0	1.964165	-2.2052	0.20143	0.2901	RP11-296L	chr9	+	34521525	34524239	631
ENSG0000(	10.85149	8.394827	0.33507	0.61715	0.70827	AC127904.	chr3	+	1.97E+08	1.97E+08	958
ENSG0000(	534.3063	371.5065	0.52282	0.004708	0.010527	AC092171.	chr7	+	5515435	5519442	3251
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	RPL10P3	chr9	-	1.2E+08	1.2E+08	468
ENSG0000(	1.431782	0.343138	1.3118	0.43803	NA	RP11-413E	chr1	+	90095284	90141945	437
ENSG0000(	4.93854	2.575179	0.84971	0.37894	0.48309	RP1-149A1	chr22	+	32772651	32780330	1558

ENSG0000(	0	0.700845	-0.87835	0.62047	NA	SC22CB-1D	chr22	+	33716851	33718799	484
ENSG0000(	1.524285	7.842089	-2.0451	0.07501	0.12651	AC021188.	chr2	-	96973001	96987469	740
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	AC007036.	chr7	+	30180486	30181033	437
ENSG0000(	0	1.759397	-2.0294	0.24451	NA	RP4-553F4	chr20	-	32375179	32398903	642
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RHOQP3	chr2	-	1.31E+08	1.31E+08	621
ENSG0000(	0.342542	0.640152	-0.50911	0.77219	NA	SNAP23P	chr20	-	47654894	47655139	246
ENSG0000(	2.012384	2.979009	-0.51579	0.63915	0.72668	RP3-408N2	chr22	-	41184781	41185271	491
ENSG0000(	1.649304	0.297015	1.6381	0.29841	0.40025	VN1R108P	chr20	+	25714900	25715729	830
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC079807.	chr2	-	48168835	48468122	1808
ENSG0000(	0.632843	0.357707	0.4993	0.77637	NA	RP11-318C	chr1	+	1.76E+08	1.76E+08	171
ENSG0000(	2.282147	19.84238	-2.8842	0.001981	0.004692	ANKRD63	chr15	-	40573645	40574787	1143
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP1-215K1	chrX	+	84228223	84232835	1499
ENSG0000(	1.733248	1.995719	-0.18679	0.88668	0.92087	RP11-508N	chr9	-	1.1E+08	1.1E+08	2277
ENSG0000(	1.359003	0.700845	0.75316	0.61437	0.70624	AC009961.	chr2	-	1.61E+08	1.61E+08	765
ENSG0000(	0.36308	0	0.4146	0.81455	NA	PSAT1P3	chr1	-	79520630	79521740	1111
ENSG0000(	0.653381	0.357707	0.52032	0.76705	NA	ARHGAP26	chr5	+	1.43E+08	1.43E+08	388
ENSG0000(	0.943682	0.357707	0.90033	0.60199	NA	AC012456.	chr2	-	11881123	11885427	561
ENSG0000(	1.597063	0.640152	0.98039	0.52475	0.62681	SMARCE1P:	chr13	+	45168994	45170218	1225
ENSG0000(	1.576526	8.576905	-2.2319	0.015258	0.030878	HLA-K	chr6	+	29894236	29897009	1037
ENSG0000(	33.81608	8.386706	1.9873	7.19E-05	0.000208	YY2	chrX	+	21874105	21876845	2741
ENSG0000(	0	2215.642	-12.223	7.38E-31	9.75E-30	RP4-792G4	chr1	-	63786555	63790112	941
ENSG0000(	5.90276	4.242329	0.44523	0.58206	0.67836	AC007279.	chr2	+	2.03E+08	2.03E+08	837
ENSG0000(	0.705622	0.343138	0.57395	0.74355	NA	RP11-243J	chr20	-	30396306	30396552	247
ENSG0000(	13.03869	4.242329	1.5523	0.032257	0.060542	AL132709.	chr14	-	1.02E+08	1.02E+08	588
ENSG0000(	5.644162	1.40169	1.8317	0.092666	0.1516	RP11-343N	chr1	-	1.21E+08	1.21E+08	2504
ENSG0000(	1.701545	0.686276	0.99978	0.51076	0.61399	RP4-794H1	chr1	+	59486059	59510286	530
ENSG0000(	0.632843	1.577319	-0.98107	0.52471	0.62681	RP11-49O1	chr9	+	97586554	97587055	424
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP4-601K2	chr1	+	83368866	83632498	1712
ENSG0000(	0.342542	0	0.4146	0.81455	NA	KB-288A10	chr22	+	22801024	22802674	1651
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CBX1P1	chrX	-	62519126	62519552	427
ENSG0000(	0.653381	2.010288	-1.2874	0.36461	0.469	AC005532.	chr7	+	7294785	7317410	675
ENSG0000(	0.653381	0.594029	0.059135	0.97278	NA	RP11-417B	chr9	+	1.26E+08	1.27E+08	788
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	AC007349.	chr7	+	36878577	36880978	553
ENSG0000(	0	2.07098	-2.4602	0.13507	0.20805	RP11-325P	chr1	-	1.47E+08	1.47E+08	1241
ENSG0000(	0.342542	1.309443	-1.2504	0.45877	NA	RPEP3	chr1	+	28066465	28067140	676
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AP001187.	chr11	+	64649007	64649417	411
ENSG0000(	0.342542	0.997859	-1.0273	0.53559	NA	RPL31P2	chr20	-	32339973	32340349	377
ENSG0000(	68.44747	0	7.636	4.25E-12	2.31E-11	AC093850.	chr2	+	2.17E+08	2.17E+08	648
ENSG0000(	2.188831	1.043983	0.87594	0.54513	0.64541	RP5-968J1.	chr20	-	1784662	1798252	346
ENSG0000(	68.95757	65.64838	0.065222	0.81069	0.86667	ZNF674-AS	chrX	+	46404928	46407671	1906
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-392A	chr6	-	52737812	52744738	576
ENSG0000(	0	1.234181	-1.5727	0.37581	NA	RP11-195E	chr5	-	70370052	70389020	679
ENSG0000(	0	3.616746	-3.3235	0.028216	0.053767	RP11-782C	chr1	+	1.43E+08	1.43E+08	1786
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AP006294.	chr11	-	3612507	3612845	339
ENSG0000(	0	1.888903	-2.3653	0.15293	NA	AC138649.	chr15	-	23157871	23158157	287
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	RP11-318K	chr9	+	66720898	66759372	507
ENSG0000(	0.290301	0.891044	-0.7342	0.68015	NA	CCNB1IP1F	chr20	-	44196629	44197446	818
ENSG0000(	0	1.684135	-2.1921	0.19067	NA	RP4-595K1	chr1	-	76107031	76107772	742
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CTA-342B1	chr22	+	32366810	32369462	298
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-462B	chr9	-	32727067	32727520	454
ENSG0000(	3.081086	2.232041	0.38217	0.72915	0.79983	CTGLF10P	chr10	+	46174140	46195980	2418
ENSG0000(	1.608228	1.012429	0.52947	0.7236	0.79549	FBXW11P1	chr21	-	32999440	33000913	1474
ENSG0000(	4.834872	3.114963	0.58251	0.56488	0.66278	AC092338.	chr16	+	22393757	22418749	1290
ENSG0000(	0	3.602177	-3.376	0.022745	0.044317	STMND1	chr6	+	17102489	17131603	2085
ENSG0000(	1.233984	0.343138	1.1864	0.48571	NA	LINC00486	chr2	+	33050510	33151760	1794
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-417J:	chr1	+	1.43E+08	1.43E+08	738
ENSG0000(	2.914991	0	3.062	0.044848	0.080877	RP11-486B	chr1	+	42001114	42001539	265
ENSG0000(	17.94634	54.38216	-1.5787	8.52E-06	2.76E-05	AC005077.	chr7	-	75700787	75704281	3495
ENSG0000(	0	2.058828	-1.8947	0.28782	0.38931	SHC1P1	chrX	+	63652281	63654025	1745
ENSG0000(	1.265686	3.276024	-1.1723	0.32863	0.43177	RP11-67K1	chr9	+	1.19E+08	1.19E+08	4996
ENSG0000(	36.98273	9.467948	1.9233	1.92E-05	5.97E-05	RP11-767N	chr1	-	46160356	46162747	598
ENSG0000(	0.923144	1.188058	-0.25605	0.87702	0.91433	RPS18P12	chr17	-	14608393	14608851	459
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	MAGEA8-AS	chrX	-	1.49E+08	1.49E+08	476
ENSG0000(	0.342542	1.280305	-1.2322	0.4658	NA	RPL9P8	chr15	-	83041000	83125316	673
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC023115.	chr2	+	67314145	67485098	863

ENSG0000(	0.923144	8.925748	-2.8789	0.007771	0.016656	RP3-525N1	chr6	-	69339854	69344919	2365
ENSG0000(	2.012384	3.025133	-0.52674	0.63785	0.72592	PPIHP1	chr11	-	1.12E+08	1.12E+08	510
ENSG0000(	4.741555	2.855208	0.63522	0.55058	0.65036	RP3-508I15	chr22	-	39062513	39064755	410
ENSG0000(	1.286224	1.043983	0.2681	0.85303	0.89671	AC004840.	chr7	+	2423756	2428232	608
ENSG0000(	1.213446	0	1.5515	0.38249	NA	AC008063.	chr2	+	1.63E+08	1.63E+08	640
ENSG0000(	0	61.903	-7.4931	1.54E-11	8.05E-11	RP4-753M9	chr22	-	45396446	45399500	1633
ENSG0000(	0	4.458377	-3.5666	0.017894	0.035702	LINC00309	chr2	-	64412212	64432619	3307
ENSG0000(	2.718006	3.351285	-0.28549	0.77847	0.84087	RP11-176F	chr9	-	33909607	33911120	791
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC007566.	chr7	-	92042290	92068876	1287
ENSG0000(	14.11937	0	5.4504	6.15E-06	2.03E-05	RP11-34A1	chr10	+	1E+08	1E+08	1168
ENSG0000(	2.842212	3.305162	-0.17817	0.86229	0.90376	RP11-395C	chr5	-	1.26E+08	1.26E+08	303
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-775L	chr7	+	55410009	55412651	2643
ENSG0000(	0	308.2816	-8.8643	5.16E-11	2.62E-10	MIR205HG	chr1	+	2.1E+08	2.1E+08	3348
ENSG0000(	2.987769	1.652581	0.75692	0.49684	0.6006	RP11-314C	chr6	+	8784411	8785678	489
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-367G	chr6	-	1.14E+08	1.14E+08	465
ENSG0000(	1.722083	2.993578	-0.72893	0.52071	0.62339	RP4-549L2	chr1	-	1.01E+08	1.01E+08	979
ENSG0000(	0.653381	1.309443	-0.73727	0.6388	0.72643	AP000356.	chr22	+	24994021	24995365	364
ENSG0000(	2.604151	6.327879	-1.1745	0.21262	0.30317	RP4-631H1	chr1	+	53386094	53386268	175
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP3-452M	chrX	-	87351394	87352226	833
ENSG0000(	0.653381	1.652581	-1.0517	0.46852	0.5732	AC093166.	chr2	+	1.13E+08	1.13E+08	303
ENSG0000(	0.580602	0.297015	0.36801	0.83644	NA	AC018696.	chr2	+	91766537	91766632	96
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-107I	chr10	-	1.03E+08	1.03E+08	522
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	HHATL-AS1	chr3	+	42744145	42748154	719
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AC005703.	chr17	-	15170778	15175607	1773
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AP001255.	chr21	+	24437813	24503528	762
ENSG0000(	5.310993	11.52194	-1.0755	0.13718	0.21054	AC079250.	chr2	-	47917855	47918385	531
ENSG0000(	3.309773	0.343138	2.5548	0.074573	0.12587	AC006035.	chr7	-	16128696	16129261	561
ENSG0000(	30.31176	5.347004	2.4443	1.35E-05	4.25E-05	DSTNP1	chr21	-	48073470	48073934	465
ENSG0000(	1.233984	0	1.5686	0.37707	NA	DDX3YP2	chrX	-	73352839	73352949	111
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-661D	chr14	-	1.03E+08	1.03E+08	469
ENSG0000(	1987.998	2264.363	-0.18753	0.048282	0.086295	HSBP1	chr16	+	83841448	83853342	5371
ENSG0000(	2.044087	20.64105	-3.2078	1.93E-05	5.98E-05	FAM201B	chr2	+	1.33E+08	1.33E+08	2173
ENSG0000(	1.016461	0.997859	0.010629	0.99432	0.99669	AC018737.	chr2	-	1.22E+08	1.22E+08	499
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	RAB42P1	chr14	+	90358132	90358788	657
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-14C2	chr10	+	30944418	30946464	486
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	CCNB1IP1P	chrX	-	94031738	94032566	829
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP3-481F1	chr20	+	55903602	55903752	151
ENSG0000(	1.306762	2.69898	-0.8233	0.56923	0.66648	CTB-54D4.	chr7	+	1.08E+08	1.08E+08	744
ENSG0000(	1.971308	14.70814	-2.7441	0.000593	0.001522	CDC20P1	chr9	+	89626567	89628066	1500
ENSG0000(	0.705622	0.357707	0.57557	0.74268	NA	RP6-109B7	chr22	-	46451620	46454040	1181
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP5-860P4	chr20	+	24660183	24661627	805
ENSG0000(	0.943682	0	1.2438	0.48556	NA	LINC00326	chr6	+	1.33E+08	1.33E+08	2515
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC092431.	chr2	-	69927324	69940979	420
ENSG0000(	54.53348	124.496	-1.1793	9.07E-06	2.93E-05	RP11-175C	chr10	+	98752207	98755716	3510
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC079325.	chr17	-	72556855	72563482	501
ENSG0000(	4.108712	2.217472	0.76072	0.49608	0.59992	LINC00271	chr6	+	1.36E+08	1.36E+08	1580
ENSG0000(	0.580602	0.357707	0.37639	0.83285	NA	RPL7L1P9	chr2	-	2.19E+08	2.19E+08	745
ENSG0000(	1.649304	1.355566	0.25027	0.84618	0.892	AC007238.	chr2	-	58687427	58689167	1741
ENSG0000(	0	8.114798	-4.5777	0.000581	0.001495	RP11-428F	chr6	-	1.12E+08	1.12E+08	433
ENSG0000(	0.685084	0.357707	0.4822	0.78686	NA	GCNT1P3	chr3	+	1.9E+08	1.9E+08	575
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	OR52B5P	chr11	+	5582197	5583147	951
ENSG0000(	3.402276	1.698704	0.89103	0.46997	0.57473	RP1-140A9	chr1	+	1822910	1824097	906
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AC009236.	chr2	+	45395722	45396553	553
ENSG0000(	0	1.416259	-1.7181	0.33141	NA	RP11-122N	chr1	+	2.12E+08	2.12E+08	1846
ENSG0000(	1.265686	1.652581	-0.29963	0.82472	0.87634	AC006994.	chr2	+	2.11E+08	2.11E+08	839
ENSG0000(	1.991846	2.468363	-0.29241	0.81399	0.86935	RP11-263K	chr1	+	1.55E+08	1.55E+08	912
ENSG0000(	4.19005	3.679854	0.18453	0.84932	0.89424	NPM1P9	chrX	-	14852598	14853441	844
ENSG0000(	2.293312	0	2.4016	0.16024	0.24001	BX842568.	chrX	-	37003596	37004166	571
ENSG0000(	3.745632	9.551331	-1.3019	0.11635	0.18395	RP11-316N	chr1	+	1.51E+08	1.51E+08	368
ENSG0000(	535.7882	399.7892	0.42118	0.04823	0.086229	HCG18	chr6	-	30255174	30294927	4862
ENSG0000(	0	5.179496	-3.9471	0.004534	0.010165	AC105402.	chr2	-	1.5E+08	1.5E+08	2045
ENSG0000(	4.822893	8.438535	-0.76052	0.33545	0.4391	RP4-760C5	chr20	-	25989427	25991167	542
ENSG0000(	1.628766	0	2.1781	0.19145	NA	AC011747.	chr2	-	8741022	8763072	565
ENSG0000(	6.038944	1.669566	1.6501	0.13815	0.21159	CTA-253N1	chr1	-	1.85E+08	1.85E+08	376
ENSG0000(	0.342542	6.875784	-3.541	0.007511	0.01615	TSSK1A	chr22	+	19112392	19113159	768

ENSG0000(	0	1.294874	-1.8547	0.27869	NA	FDPSP7	chr7	-	76597514	76598567	1054
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC015726.	chr17	+	19743439	19743828	390
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	AC008154.	chr7	+	1.34E+08	1.34E+08	414
ENSG0000(	2.935529	0	3.0687	0.044324	0.08007	RP11-298J	chr6	+	41688134	41701770	408
ENSG0000(	5.765762	1.713273	1.5861	0.16115	0.24119	RP11-354N	chr10	+	1.2E+08	1.2E+08	895
ENSG0000(	1.669842	5.802663	-1.6174	0.14254	0.21719	RP5-1071N	chr1	+	21619783	21626267	2479
ENSG0000(	0	1.370136	-1.6825	0.34201	NA	AP000688.	chr21	+	37377636	37379899	811
ENSG0000(	3.879211	13.65845	-1.7278	0.0137	0.027988	RP11-389K	chr9	-	93063184	93195787	1013
ENSG0000(	75.59505	51.37401	0.54937	0.042326	0.077025	RP3-475N1	chr6	+	42908102	42911708	679
ENSG0000(	0.653381	0.686276	-0.0351	0.98379	NA	AC078842.	chr7	+	1.37E+08	1.37E+08	1835
ENSG0000(	4.792004	5.551772	-0.20627	0.84336	0.89009	RP4-569M2	chr20	+	45981305	45983377	1809
ENSG0000(	3.008307	0.594029	1.8233	0.18875	0.27515	RP1-34H18	chr12	+	77718421	77966055	991
ENSG0000(	6.410584	0	4.2666	0.001535	0.003701	SPATA20P1	chr21	-	39610149	39610586	438
ENSG0000(	4.459813	2.711133	0.68179	0.49221	0.5961	AF129075.	chr21	-	30430394	30432416	794
ENSG0000(	0.36308	1.309443	-1.2534	0.45722	NA	HLA-T	chr6	+	29864431	29865563	450
ENSG0000(	2.229907	0.343138	2.0199	0.18438	0.26969	RP11-346D	chr10	-	54210634	54230293	975
ENSG0000(	1.649304	0.343138	1.6347	0.29819	0.40002	RP11-40C1	chr10	-	53004654	53005566	446
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	HAR1B	chr20	-	61727150	61733631	551
ENSG0000(	1.016461	4.36613	-1.8359	0.12749	0.19844	TCF7L1-IT1	chr2	+	85413532	85414376	458
ENSG0000(	0	1.66715	-1.9695	0.25993	NA	RP11-391N	chr10	+	1.26E+08	1.26E+08	806
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC104843.	chr7	-	1.52E+08	1.52E+08	297
ENSG0000(	1.068702	0.997859	0.04858	0.97403	0.98544	AC013468.	chr2	-	1.91E+08	1.91E+08	48
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	HMGB1P7	chr10	+	32202071	32202682	612
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-10J1	chr9	-	1.27E+08	1.27E+08	266
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	MTND2P15	chr10	-	71353797	71354688	892
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC002429.	chr7	+	94647719	94647866	148
ENSG0000(	9.721171	21.11698	-1.0988	0.068254	0.11657	MORF4L2-A	chrX	+	1.03E+08	1.03E+08	2086
ENSG0000(	3.910914	1.684135	1.1051	0.30606	0.40762	AC093702.	chr2	-	45240353	45240807	367
ENSG0000(	12.18832	8.248336	0.55503	0.37254	0.47693	RP11-617D	chr4	-	38614322	38666504	2368
ENSG0000(	2.023549	1.058552	0.77851	0.57738	0.67403	RP5-1007G	chr1	+	34334554	34351059	1367
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RPL7P56	chrX	+	1.36E+08	1.36E+08	717
ENSG0000(	0.995923	3.076961	-1.3945	0.2818	0.38282	TRBV26OR9	chr9	+	33695765	33696057	293
ENSG0000(	5.644162	12.39842	-1.0992	0.11323	0.17958	YBX1P2	chr7	-	1.05E+08	1.05E+08	999
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	EEF1B2P1	chr15	+	52797386	52798060	675
ENSG0000(	0	2.399549	-2.7165	0.088838	0.14612	RP11-389E	chr4	+	1.79E+08	1.79E+08	1034
ENSG0000(	4.00423	0.343138	2.8287	0.0411	0.075113	AC007099.	chr2	+	75767865	75769832	1101
ENSG0000(	0	4.020576	-3.521	0.016426	0.033004	AC116609.	chr2	+	741977	749856	256
ENSG0000(	10.18873	23.41126	-1.189	0.028726	0.054622	LINC00852	chr3	+	10326103	10327430	1328
ENSG0000(	8.090612	6.780248	0.24049	0.77462	0.83793	RP13-15M1	chr1	+	9636485	9637043	559
ENSG0000(	35.20841	14.43784	1.2593	0.008352	0.017798	AC005592.	chr5	+	1.42E+08	1.42E+08	591
ENSG0000(	9.213347	5.330019	0.74074	0.35351	0.45773	RP11-38L1	chr10	+	46951472	46966835	669
ENSG0000(	0.342542	1.340997	-1.3704	0.39575	NA	RP11-34D1	chr10	-	1.02E+08	1.02E+08	471
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC013448.	chr2	+	2.24E+08	2.24E+08	808
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	RP11-462B	chr9	-	32840596	32841760	551
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	FARP1-AS1	chr13	-	99087659	99088094	323
ENSG0000(	5.455736	1.98115	1.3439	0.17623	0.25966	RP11-495P	chr1	-	1.48E+08	1.48E+08	678
ENSG0000(	1.027626	0	1.1491	0.51623	NA	AF127577.	chr21	+	16343791	16365175	824
ENSG0000(	0	2.24661	-2.6365	0.10117	0.16301	KRT8P10	chr2	-	1.84E+08	1.84E+08	1447
ENSG0000(	42.52502	176.4866	-2.0441	2.47E-13	1.46E-12	ZNF826P	chr19	-	20451078	20607775	3330
ENSG0000(	0.36308	0	0.4146	0.81455	NA	HNRNPA1P	chrX	-	73692852	73693788	937
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	RP1-144C9	chr1	+	27715972	27716649	355
ENSG0000(	0.290301	0.715414	-0.50514	0.77701	NA	RP4-583P1	chr20	+	62439429	62447874	533
ENSG0000(	0.632843	0	0.81931	0.64303	NA	AC006159.	chr7	-	1.16E+08	1.16E+08	626
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-111F	chr9	-	46661242	46662837	543
ENSG0000(	0.290301	2.056411	-1.914	0.21479	0.3057	RP11-1M18	chrX	-	6585906	6639585	517
ENSG0000(	4.595998	0	3.7564	0.008059	0.017215	ARF4P4	chr13	+	81462483	81463002	520
ENSG0000(	13.3743	0	5.29	2.66E-05	8.12E-05	AP001422.	chr21	-	39695557	39705343	608
ENSG0000(	7.055405	9.185503	-0.37867	0.58266	0.67876	CCDC147-A	chr10	-	1.06E+08	1.06E+08	795
ENSG0000(	2.407167	5.395544	-1.0748	0.29365	0.39568	SKP1P1	chr7	-	65888392	65888880	489
ENSG0000(	0.685084	8.020135	-3.1195	0.007836	0.016779	AC018865.	chr2	+	1.31E+08	1.31E+08	1042
ENSG0000(	0.685084	1.485073	-0.69856	0.68772	0.76717	RPS3AP3	chr20	-	35650146	35650387	242
ENSG0000(	3.40309	1.234181	1.2144	0.32141	0.42423	RP11-87H9	chr9	-	69082536	69108793	2033
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP5-965F6	chr1	-	1.13E+08	1.13E+08	547
ENSG0000(	1.286224	4.15653	-1.4399	0.23471	0.32852	ITPR1-AS1	chr3	-	4532575	4534847	858
ENSG0000(	1.846289	0	2.122	0.22126	NA	RP11-436K	chr1	-	61125303	61291256	2344

ENSG0000(	0	1.309443	-1.6539	0.35008	NA	RP1-302D9	chr22	+	33504515	33512280	550
ENSG0000(	1.390706	4.723837	-1.5728	0.17554	0.25878	C17orf105	chr17	+	41857803	41864980	3753
ENSG0000(	0	1.073121	-1.1788	0.50551	NA	ZSWIM5P2	chr17	-	20487071	20494493	2038
ENSG0000(	64.83867	349.3067	-2.4187	1.76E-19	1.45E-18	AC125232.	chr2	-	87257800	87303536	2199
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	LINC00651	chr20	-	48657253	48658041	462
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AP000350.	chr22	+	24292105	24296229	289
ENSG0000(	2.770247	28.59566	-3.2664	5.19E-06	1.72E-05	SGK110	chr19	-	56052023	56056909	1269
ENSG0000(	11.34994	0.654722	3.6682	0.000535	0.001383	APCDD1L-A	chr20	+	57090435	57194944	2630
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	RP11-445C	chr5	+	4512375	4516889	1676
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	AC006994.	chr2	+	2.11E+08	2.11E+08	506
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP4-797C5	chr7	-	1.2E+08	1.2E+08	547
ENSG0000(	0.72616	1.012429	-0.3368	0.84185	NA	RP1-39G22	chr1	-	40728344	40728656	313
ENSG0000(	8.153204	0	4.6379	0.000333	0.000885	LINC00704	chr10	-	4693009	4720346	846
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RPL13AP	chr6	+	29550285	29550802	518
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RPL36P2	chr20	+	49237300	49237614	315
ENSG0000(	2.084349	7.396968	-1.6083	0.12353	0.19357	RP11-723C	chr3	-	1.29E+08	1.29E+08	1298
ENSG0000(	1.555988	1.340997	0.20257	0.88271	0.91838	RPS3P2	chr20	+	37166401	37167101	701
ENSG0000(	1.213446	0.891044	0.29784	0.85677	0.89936	TBL1XR1-A	chr3	+	1.77E+08	1.77E+08	414
ENSG0000(	40.37385	98.36511	-1.2733	0.000362	0.000957	AC007246.	chr2	+	39663778	39892483	2517
ENSG0000(	0.290301	2.460242	-2.0264	0.20785	0.29768	RPL13AP17	chr7	+	77976459	77988775	1895
ENSG0000(	0.705622	0	0.8807	0.6196	NA	AP000696.	chr21	-	38004979	38009331	1133
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-69C1	chr10	-	2211334	2231668	587
ENSG0000(	9.918155	20.59164	-1.0236	0.064103	0.11054	AC016700.	chr2	-	70351168	70352449	662
ENSG0000(	3.672853	2.66501	0.41972	0.68089	0.76139	RP1-225E1	chr6	-	1.39E+08	1.4E+08	829
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC103563.	chr2	-	95618906	95619338	354
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	OOEP-AS1	chr6	+	74079427	74097440	463
ENSG0000(	0.975385	1.66715	-0.58851	0.69412	0.77187	RPL34P6	chr1	+	2.01E+08	2.01E+08	345
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AC107072.	chr4	+	77558776	77565521	239
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC017006.	chr2	-	46393928	46395117	364
ENSG0000(	12.36477	9.94704	0.31813	0.62002	0.71082	ACTG1P10	chrX	-	53172014	53173095	1082
ENSG0000(	1.597063	0.937167	0.57879	0.69932	0.7761	VDAC1P6	chrY	-	5075256	5076110	855
ENSG0000(	1.701545	1.71569	-0.00912	0.99505	0.99717	RP3-426I6.	chr1	+	28065602	28065950	349
ENSG0000(	2.769433	5.738682	-0.91178	0.40139	0.50616	RP11-564C	chr10	+	52415727	52420232	2762
ENSG0000(	2.282147	0.357707	2.0705	0.1665	0.24767	RP5-836N1	chr1	-	1.12E+08	1.12E+08	894
ENSG0000(	1.338465	0.997859	0.34148	0.8052	0.86223	AC111200.	chr2	-	87157373	87157877	505
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AP000302.	chr21	-	34854806	34856565	666
ENSG0000(	0.632843	1.638012	-1.0613	0.46491	0.5697	AC006028.	chr7	+	2875255	2875656	402
ENSG0000(	0.632843	7.24806	-2.9673	0.016419	0.032996	AC072052.	chr7	-	6530424	6530729	306
ENSG0000(	0.290301	1.355566	-1.3811	0.39332	NA	AL592284.	chr1	+	1.44E+08	1.45E+08	1073
ENSG0000(	63.13094	49.73674	0.3445	0.28908	0.39061	RP11-418J	chr1	+	1.2E+08	1.2E+08	2469
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	AC016995.	chr2	-	38633861	38742882	1156
ENSG0000(	0	1.073121	-1.1788	0.50551	NA	RP1-40G4F	chr22	-	27282872	27283511	578
ENSG0000(	0.342542	5.401249	-3.2207	0.017639	0.035237	RP11-466A	chr9	+	80071211	80141613	605
ENSG0000(	0.290301	0	0.4146	0.81455	NA	HMGN2P1(	chr9	+	15588353	15588613	261
ENSG0000(	0.632843	0.357707	0.4993	0.77637	NA	NDUFAF4P4	chr1	-	1.75E+08	1.75E+08	502
ENSG0000(	2.096328	14.95258	-2.6784	0.003202	0.00735	RNF2P1	chr9	-	6668999	6670008	1010
ENSG0000(	0.342542	0	0.4146	0.81455	NA	NBPF21P	chr3	-	36657498	36678949	1451
ENSG0000(	0.290301	0.997859	-1.0217	0.53916	NA	FGF12-AS1	chr3	+	1.92E+08	1.92E+08	580
ENSG0000(	0.36308	0.951736	-0.91212	0.59701	NA	AC007919.	chr3	+	1.72E+08	1.72E+08	511
ENSG0000(	25.21748	55.54102	-1.1218	0.001505	0.003634	HLA-DPA1	chr6	-	33032346	33048552	5025
ENSG0000(	3.028032	1.727843	0.70938	0.5929	0.68773	RP11-331F	chr9	+	35642511	35643514	679
ENSG0000(	2.656392	2.102535	0.30716	0.80602	0.86281	AC124914.	chr3	-	23920472	23920989	518
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-375N	chr10	+	99034769	99037854	365
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	AC023481.	chr3	-	8406393	8408078	938
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	AC099344.	chr2	-	11528149	11530493	626
ENSG0000(	16.55563	2.711133	2.5186	0.000587	0.001508	RP11-576I2	chr1	-	1.7E+08	1.71E+08	2080
ENSG0000(	0.995923	1.387121	-0.36335	0.80384	0.8613	RP11-83J1(	chr15	+	35235281	35235595	315
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	CTC-490G2	chr19	-	43833447	43835582	301
ENSG0000(	0.995923	1.888903	-0.79027	0.55413	0.65347	AC016700.	chr2	-	70480987	70481142	156
ENSG0000(	0	1.340997	-1.8899	0.26871	NA	RP11-422P	chr1	+	1.54E+08	1.54E+08	329
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	IRX1P1	chr13	+	25316815	25320322	1838
ENSG0000(	0	1.309443	-1.6539	0.35008	NA	LINC00689	chr7	+	1.59E+08	1.59E+08	4684
ENSG0000(	0	1.309443	-1.6539	0.35008	NA	AC006050.	chr17	-	28900489	28904018	1351
ENSG0000(	0	1.355566	-1.9006	0.26573	NA	RP1-45C12	chr1	-	1.71E+08	1.71E+08	500
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-472K	chr13	+	1.11E+08	1.11E+08	439

ENSG0000(	1.233984	0	1.5686	0.37707	NA	RP11-343N	chr1	+	1.21E+08	1.21E+08	529
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	AC131180.	chr2	+	1.32E+08	1.32E+08	1643
ENSG0000(	0	1.073121	-1.1788	0.50551	NA	AC011747.	chr2	-	8683722	8715631	1036
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-88H9	chr1	+	1.13E+08	1.13E+08	3068
ENSG0000(	1.960143	17.46298	-2.9707	0.000287	0.00077	WASIR2	chr16	+	72910	75123	1080
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-467I2	chr1	-	2.41E+08	2.41E+08	675
ENSG0000(	2.012384	2.321872	-0.18213	0.88491	0.91965	RP11-472N	chr6	+	56708800	56728876	551
ENSG0000(	0.653381	7.112106	-2.9719	0.013001	0.026686	AC024937.	chr3	+	1.96E+08	1.96E+08	1242
ENSG0000(	1.939605	0.297015	1.8531	0.23087	0.32429	TIMM8AP1	chr2	-	1.63E+08	1.63E+08	295
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC097359.	chr3	+	37237695	37238157	463
ENSG0000(	0	1.058552	-1.361	0.4451	NA	AC018470.	chr2	+	1.75E+08	1.75E+08	3123
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RNASEH1P2	chr17	+	16586752	16587541	790
ENSG0000(	0	6.281755	-4.1689	0.002733	0.006343	LINC00032	chr9	-	27245682	27282791	2913
ENSG0000(	4.709852	2.056411	1.1028	0.27586	0.37603	RP11-321L	chr9	+	23829668	23849912	1430
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	AC024937.	chr3	+	1.96E+08	1.96E+08	1242
ENSG0000(	14.04561	9.372413	0.56304	0.38718	0.49132	CTA-246H3	chr22	-	25745510	25746289	780
ENSG0000(	2.49967	8.060553	-1.5379	0.084455	0.14002	PRDX3P2	chr1	-	28852830	28853739	611
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	HMGB3P2	chr20	-	34663940	34664523	584
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	HMGN2P34	chr10	-	74396255	74396523	269
ENSG0000(	3.341476	3.495361	-0.07517	0.94548	0.96511	LINC00441	chr13	-	48870649	48877797	1143
ENSG0000(	4.056471	1.903472	0.94201	0.4002	0.50484	AC141930.	chr2	-	1576326	1584083	555
ENSG0000(	0	6.374002	-4.2407	0.001763	0.004209	RP4-535B2	chr1	-	65532310	65533420	310
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RPL7L1P2	chr7	-	51327126	51327864	739
ENSG0000(	0	7.982876	-4.615	0.000351	0.00093	RP1-213J1(	chr22	+	28103578	28105929	115
ENSG0000(	13349.45	18316.1	-0.45574	0.00025	0.000676	RPS18	chr6	+	33239787	33244287	1109
ENSG0000(	0.653381	2.232041	-1.4361	0.30493	0.40652	RP11-118B	chr12	-	9392582	9392927	346
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-134P	chr1	+	2.03E+08	2.03E+08	775
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-452K	chr10	-	99152954	99153304	351
ENSG0000(	0.653381	0.594029	0.059135	0.97278	NA	RP11-574F	chr9	+	5584490	5588994	758
ENSG0000(	0	4.68013	-3.6379	0.015266	0.03089	RP11-542C	chr1	-	5146519	5150959	449
ENSG0000(	0	1.058552	-1.361	0.4451	NA	RP11-274K	chrX	-	1.35E+08	1.35E+08	514
ENSG0000(	2.572449	1.995719	0.34059	0.75821	0.82423	AC007285.	chr7	-	30109274	30114731	518
ENSG0000(	0.36308	0.654722	-0.52647	0.7643	NA	RP11-244N	chr9	-	1E+08	1E+08	285
ENSG0000(	0.290301	0.715414	-0.50514	0.77701	NA	RP11-374N	chr9	+	45108392	45112532	931
ENSG0000(	0.632843	0.654722	-0.02224	0.98935	NA	FAM225A	chr9	+	1.16E+08	1.16E+08	6100
ENSG0000(	5.737478	3.933161	0.48645	0.63151	0.72078	RP11-187A	chr13	-	42617863	42618383	363
ENSG0000(	0	4.218896	-3.182	0.054597	0.096003	AC022311.	chr2	-	4675812	4703805	2663
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP1-232L2	chr6	+	80130014	80131022	474
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	FBXO36-IT1	chr2	+	2.31E+08	2.31E+08	582
ENSG0000(	0.632843	0.640152	-0.00865	0.99586	NA	AC123886.	chr2	+	1.11E+08	1.11E+08	747
ENSG0000(	0	1.073121	-1.1788	0.50551	NA	AC010132.	chr7	-	42869271	42884037	561
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RSL24D1P1	chr18	+	55505708	55506198	491
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	RPL3P5	chr2	-	2.37E+08	2.37E+08	1232
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	USMG5P1	chrX	+	73393725	73393901	177
ENSG0000(	1.390706	5.773525	-1.8641	0.094417	0.15389	PTCHD3P2	chr2	-	1.71E+08	1.71E+08	1205
ENSG0000(	3.484428	2.353426	0.51416	0.65971	0.74366	RP11-495P	chr1	+	1.48E+08	1.48E+08	1555
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	RSL24D1P3	chr7	-	64800087	64800581	495
ENSG0000(	1.338465	0	1.8837	0.27037	NA	RP3-354J5.	chr6	+	1.09E+08	1.09E+08	247
ENSG0000(	2.157128	0	2.543	0.11988	0.18865	AC091814.	chr12	-	10100736	10105935	3956
ENSG0000(	0.580602	0.654722	-0.07721	0.96449	NA	CEACAMP5	chr19	+	43158352	43173228	961
ENSG0000(	1.338465	0.997859	0.34148	0.8052	0.86223	RP11-508N	chr9	-	1.1E+08	1.1E+08	779
ENSG0000(	8.475209	1.012429	2.7911	0.006945	0.015048	RP11-245P	chr1	+	2.29E+08	2.29E+08	283
ENSG0000(	0.290301	0	0.4146	0.81455	NA	EIF4A1P11	chr1	+	1.79E+08	1.79E+08	222
ENSG0000(	7.417672	24.09995	-1.6378	0.007199	0.015543	RP5-1158E	chrX	-	45707328	45710920	1960
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-399L	chr10	-	89167801	89168015	215
ENSG0000(	1.359003	0	1.8987	0.26617	NA	RP11-91K9	chr3	+	1.78E+08	1.78E+08	2957
ENSG0000(	2.592987	0.98329	1.1663	0.37704	0.48112	RP11-278J(	chr5	+	1.43E+08	1.43E+08	635
ENSG0000(	47.07815	53.90717	-0.19458	0.62109	0.71172	FAHD2CP	chr2	+	96676299	96689128	965
ENSG0000(	8.059888	10.03284	-0.30396	0.64331	0.73033	RP11-334J(	chr9	+	1.34E+08	1.34E+08	86
ENSG0000(	12.60446	12.2389	0.046345	0.94625	0.96578	AC005224.	chr17	+	14113805	14121239	1537
ENSG0000(	0	1.545765	-1.8556	0.29195	NA	RP11-277B	chr1	-	1.67E+08	1.67E+08	971
ENSG0000(	76.67427	26.72441	1.5021	0.001064	0.002627	DLEU2	chr13	-	50601269	50699856	1294
ENSG0000(	8.963308	2.399549	1.8066	0.034659	0.064573	AC009501.	chr2	-	63271057	63275775	2069
ENSG0000(	21.87779	20.00573	0.13422	0.76166	0.82702	AP006216.	chr11	-	1.17E+08	1.17E+08	598
ENSG0000(	1.379541	0	1.686	0.34092	NA	RP11-522N	chr1	-	2.46E+08	2.46E+08	447

ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP5-943J3.	chr1	+	90254473	90256051	509
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	RP11-296C	chr1	-	1.73E+08	1.73E+08	1337
ENSG0000(	5.531121	2.024857	1.2678	0.28128	0.38233	RP11-575L	chr9	+	86446501	86483335	1434
ENSG0000(	0.995923	0	1.4959	0.39264	NA	AC013264.	chr2	+	1.98E+08	1.98E+08	455
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	RP4-700A9	chr1	+	65620163	65620333	171
ENSG0000(	0.290301	1.043983	-0.98014	0.57012	NA	CTD-2104P	chr17	+	19519102	19537138	1150
ENSG0000(	9.233071	9.064118	0.014946	0.98123	0.98966	RP3-355L5	chr6	+	1.06E+08	1.06E+08	1198
ENSG0000(	68.17852	19.65373	1.773	1.94E-07	7.37E-07	RP11-82L1	chr9	-	91624949	91625393	445
ENSG0000(	0.342542	0	0.4146	0.81455	NA	LINC00283	chr13	+	1.03E+08	1.03E+08	1947
ENSG0000(	1.213446	3.67099	-1.3129	0.32126	0.42405	AGBL5-AS1	chr2	-	27272551	27273132	407
ENSG0000(	7.345707	3.991438	0.83189	0.29544	0.39747	AC011738.	chr7	-	43548327	43562141	2916
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC025627.	chr17	-	20415873	20420792	1220
ENSG0000(	1.960143	0.357707	1.7256	0.29004	0.39159	AC008174.	chr2	-	1.87E+08	1.87E+08	689
ENSG0000(	1.991846	0.297015	1.8936	0.2158	0.30683	DLG3-AS1	chrX	-	69672808	69675844	432
ENSG0000(	1.068702	0	1.3672	0.44297	NA	RP11-553A	chr6	-	74405258	74405854	341
ENSG0000(	0	1.66715	-1.9695	0.25993	NA	RPS6KA2-A	chr6	+	1.67E+08	1.67E+08	627
ENSG0000(	0.995923	1.294874	-0.32243	0.816	0.87078	AC011742.	chr2	-	26363132	26364133	352
ENSG0000(	5.426639	9.179798	-0.72465	0.35335	0.4577	RP5-827C2	chr1	-	2.35E+08	2.35E+08	575
ENSG0000(	1.971308	0.715414	1.1638	0.43483	0.54035	OGFOD1P1	chr13	-	49784558	49786430	1592
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-404C	chr1	-	1.58E+08	1.58E+08	834
ENSG0000(	0.72616	1.073121	-0.33426	0.84917	NA	RP11-368D	chrX	+	64808261	64820630	539
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-157N	chr1	+	1.02E+08	1.02E+08	771
ENSG0000(	9.502835	3.100394	1.5512	0.060165	0.10469	DIRC3	chr2	-	2.18E+08	2.19E+08	3078
ENSG0000(	0.36308	0	0.4146	0.81455	NA	LINC00410	chr13	-	91543208	91578851	2018
ENSG0000(	1.814586	1.84278	-0.01488	0.99188	0.99563	AP003774.	chr11	-	64161814	64163303	985
ENSG0000(	4.264621	2.667426	0.61159	0.57322	0.67038	RP1-203P1	chrX	-	1.46E+08	1.46E+08	988
ENSG0000(	1.016461	3.144102	-1.3371	0.32654	0.42947	RPL21P43	chr3	-	1.69E+08	1.69E+08	472
ENSG0000(	0	156.4682	-8.7519	5.13E-16	3.55E-15	AC068718.	chr2	-	1.89E+08	1.89E+08	881
ENSG0000(	4.482143	3.662869	0.27237	0.80063	0.85881	LINC00574	chr6	+	1.7E+08	1.7E+08	2318
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-203F	chr1	+	2.04E+08	2.04E+08	446
ENSG0000(	0.975385	0.654722	0.40949	0.80016	NA	NANOGP5	chr9	+	1.03E+08	1.03E+08	879
ENSG0000(	0	125.7648	-8.4025	3.94E-14	2.44E-13	AP002856.	chr11	+	1.31E+08	1.31E+08	584
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC020550.	chr2	+	1.98E+08	1.98E+08	163
ENSG0000(	0.342542	1.248751	-1.1955	0.48202	NA	RP11-54O7	chr1	-	943456	943609	154
ENSG0000(	6.525252	1.188058	2.0614	0.088136	0.1452	RP4-669H2	chr20	-	52014199	52029448	3280
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	AC004895.	chr7	+	6120734	6132716	547
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP11-432J.	chr10	+	1.34E+08	1.34E+08	297
ENSG0000(	1.338465	4.006007	-1.4158	0.2008	0.28951	PABPC1P1	chr4	+	39975064	39975958	591
ENSG0000(	1.016461	0.891044	0.096278	0.95404	0.97142	RP5-857K2	chr1	-	521369	523833	842
ENSG0000(	27.93727	21.37029	0.37249	0.41013	0.51492	RP11-398F	chr22	-	46436146	46440733	2584
ENSG0000(	0.580602	7.437386	-3.0485	0.012469	0.025696	AF064860.	chr21	+	41099682	41102607	1542
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-382E	chr1	+	1.99E+08	1.99E+08	2296
ENSG0000(	0	14.30343	-5.3977	1.58E-05	4.96E-05	RP11-568A	chr6	-	1.68E+08	1.68E+08	579
ENSG0000(	31.70442	21.61789	0.54306	0.19768	0.28585	AC058791.	chr7	-	1.31E+08	1.31E+08	3505
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	RP11-573D	chr3	+	1.87E+08	1.87E+08	540
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	VN1R110P	chrX	+	48494553	48495523	971
ENSG0000(	7.35508	4.600036	0.63369	0.41263	0.5175	LL0XNC01-	chrX	-	1.03E+08	1.03E+08	1229
ENSG0000(	0	1.485073	-1.5064	0.39745	NA	ARHGEF9-I	chrX	-	62890076	62891382	394
ENSG0000(	13.93436	13.77339	0.001061	0.99854	0.9994	AC010976.	chr2	+	1.28E+08	1.28E+08	1007
ENSG0000(	2.012384	1.043983	0.79257	0.56288	0.661	RP6-206I1	chr1	+	1.44E+08	1.44E+08	1523
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-1O7.	chr2	+	1.74E+08	1.74E+08	884
ENSG0000(	0.705622	2.543625	-1.5518	0.26153	0.35969	TSPAN19	chr12	-	85408094	85430055	3829
ENSG0000(	0	1.340997	-1.8899	0.26871	NA	GAPDHP59	chr2	+	1.88E+08	1.88E+08	267
ENSG0000(	2.894453	13.08711	-2.0578	0.006723	0.014596	RP11-112L	chr20	+	48789087	48793096	573
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	RP11-164H	chr9	-	1.27E+08	1.27E+08	607
ENSG0000(	0.923144	0.343138	0.88162	0.61011	NA	AC079922.	chr2	-	1.13E+08	1.13E+08	359
ENSG0000(	15.37471	21.94646	-0.51651	0.26698	0.36564	EMBP1	chr1	+	1.21E+08	1.21E+08	903
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CHODL-AS1	chr21	-	19207333	19257925	1117
ENSG0000(	4.056471	0.640152	2.2267	0.07689	0.12916	RP11-183I(	chr9	+	16473186	16476235	414
ENSG0000(	4.771466	3.38284	0.44854	0.66125	0.74502	RP11-350J.	chr6	-	1.5E+08	1.5E+08	1117
ENSG0000(	1.411244	3.414394	-1.1018	0.38911	0.49335	RP11-354K	chr6	+	77370203	77372487	2285
ENSG0000(	0.653381	0.640152	0.01046	0.99499	NA	DLX6-AS1	chr7	-	96594839	96643377	4978
ENSG0000(	6.825904	9.338442	-0.42518	0.52024	0.62295	MIR4426	chr1	+	1.93E+08	1.93E+08	471
ENSG0000(	0.705622	0.357707	0.57557	0.74268	NA	RP5-855F1	chr1	-	2.35E+08	2.35E+08	2860
ENSG0000(	0.290301	0.700845	-0.56655	0.74739	NA	RP1-8B1.4	chr6	-	46064830	46097443	462

ENSG0000(	18.51659	22.01198	-0.24894	0.61689	0.70807	TMEM44-A	chr3	+	1.94E+08	1.94E+08	1119
ENSG0000(	1.649304	2.08555	-0.26578	0.84342	0.89009	RP11-147C	chrX	+	21911718	21920026	7619
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP1-154K9	chrX	+	42111712	42558636	895
ENSG0000(	3.362014	1.370136	1.1181	0.37296	0.4773	RP1-90L14	chr6	-	85130746	85265870	504
ENSG0000(	0	1.71569	-1.6656	0.35029	NA	AC079896.	chr2	-	82210396	82232824	488
ENSG0000(	4.543757	7.420401	-0.65598	0.40418	0.50899	DBIL5P	chr17	+	655900	658576	2677
ENSG0000(	4.55313	0	3.6489	0.013433	0.027506	RP11-370B	chrX	-	1.03E+08	1.03E+08	433
ENSG0000(	28.68299	55.28053	-0.94419	0.009536	0.020112	RP11-558F	chr1	-	9732484	9747613	939
ENSG0000(	7.188984	32.6729	-2.134	4.58E-05	0.000136	DOC2GP	chr11	-	67380124	67383728	1163
ENSG0000(	3.444166	0.700845	1.9281	0.14573	0.22142	AC009542.	chr7	+	1.35E+08	1.35E+08	1810
ENSG0000(	1.233984	2.543625	-0.8574	0.51306	0.61613	ITCH-IT1	chr20	+	33038735	33042357	208
ENSG0000(	0.870904	4.49322	-1.9299	0.13378	0.20656	RP13-93L1	chr9	+	92064473	92065669	1197
ENSG0000(	3.725094	24.56776	-2.6533	4.02E-05	0.00012	RP11-342C	chr9	+	97320996	97330312	1080
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-339N	chr9	+	1.12E+08	1.12E+08	308
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP3-527G5	chr6	-	4345977	4347271	329
ENSG0000(	2.520208	8.357568	-1.5856	0.070941	0.12053	AC019097.	chr2	+	99718481	99719215	735
ENSG0000(	1.722083	0	2.21	0.18654	NA	AC016735.	chr2	-	43254992	43266686	2156
ENSG0000(	1.161205	0.297015	0.99731	0.57355	NA	RP11-216N	chr1	+	1.54E+08	1.54E+08	2040
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	RP11-310E	chr10	-	96901682	96928182	420
ENSG0000(	0.580602	0.98329	-0.46292	0.78504	NA	XX-FW831	chrX	-	1.54E+08	1.54E+08	341
ENSG0000(	0.705622	1.370136	-0.71417	0.6513	0.73678	MTHFD1P1	chrX	-	57419079	57421842	2764
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-449H	chr9	+	45164578	45212501	891
ENSG0000(	0.705622	0	0.8807	0.6196	NA	AC073342.	chr7	-	1.43E+08	1.43E+08	592
ENSG0000(	0.943682	2.07098	-0.88418	0.52695	0.62874	RP11-206F	chr4	+	1.54E+08	1.54E+08	762
ENSG0000(	0.342542	1.40169	-1.3086	0.4368	NA	RP11-527F	chr6	+	1.26E+08	1.27E+08	583
ENSG0000(	4.077009	1.652581	1.1581	0.28208	0.38315	HMGB3P14	chr3	+	1.34E+08	1.34E+08	599
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	AC012354.	chr2	+	45223552	45224012	461
ENSG0000(	0	1.309443	-1.6539	0.35008	NA	UBE2V2P4	chr1	-	36707499	36707757	259
ENSG0000(	4.491516	11.30261	-1.2585	0.074222	0.12538	AC104655.	chr2	-	1.06E+08	1.06E+08	565
ENSG0000(	3.631777	5.242605	-0.48958	0.61741	0.70853	RP11-327P	chr13	+	52378433	52387356	569
ENSG0000(	0.705622	0.594029	0.11178	0.94848	NA	AC067945.	chr2	+	1.92E+08	1.92E+08	490
ENSG0000(	0.632843	0.297015	0.49183	0.78024	NA	AC007875.	chr7	+	97535741	97536134	394
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	RP3-428L1	chr6	+	1.61E+08	1.61E+08	573
ENSG0000(	5.6647	6.413677	-0.18897	0.80865	0.86501	SIK3-IT1	chr11	-	1.17E+08	1.17E+08	2472
ENSG0000(	0	4.164651	-3.289	0.040719	0.074512	RP1-202O8	chr1	-	6503094	6507066	351
ENSG0000(	1.286224	2.370411	-0.72904	0.56837	0.66573	IPO9-AS1	chr1	-	2.02E+08	2.02E+08	839
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	RP11-346E	chrX	+	80618767	80619669	903
ENSG0000(	7.999088	5.811527	0.45034	0.55259	0.65194	RP11-177F	chr1	+	2.39E+08	2.39E+08	2900
ENSG0000(	0.342542	1.043983	-0.98163	0.56849	NA	SNRPFP1	chr20	-	48346128	48346379	252
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	RP5-1120P	chr6	+	44041650	44045689	1608
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	F10-AS1	chr13	-	1.14E+08	1.14E+08	417
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	NDUFB1P1	chr3	+	48223037	48223216	180
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	MTND5P15	chr3	-	1.77E+08	1.77E+08	349
ENSG0000(	35.09635	81.348	-1.1982	0.001994	0.00472	TRAF3IP2-A	chr6	+	1.12E+08	1.12E+08	2191
ENSG0000(	0	3.711409	-3.3594	0.025926	0.049862	AC093391.	chr2	+	1.37E+08	1.37E+08	1394
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC073316.	chr7	-	3236258	3237888	418
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	AC012594.	chr2	-	1.71E+08	1.71E+08	876
ENSG0000(	3.64115	0	3.4049	0.020363	0.040101	RP11-281A	chr9	-	1.21E+08	1.21E+08	625
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC079354.	chr2	-	2.03E+08	2.03E+08	311
ENSG0000(	1.068702	1.531196	-0.43932	0.77291	0.83657	SETP10	chr1	+	1.79E+08	1.79E+08	814
ENSG0000(	0	2.370411	-2.6458	0.10384	0.16657	GAPDHP37	chr22	-	41069488	41070455	968
ENSG0000(	6.338619	13.51121	-1.0688	0.10871	0.17331	IDH1-AS1	chr2	+	2.09E+08	2.09E+08	489
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-363E	chr9	-	19460924	19464522	516
ENSG0000(	0.290301	0	0.4146	0.81455	NA	SALL4P5	chr3	+	23031314	23033073	1760
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	AC006033.	chr7	+	38350984	38351409	426
ENSG0000(	0	2.353426	-2.7264	0.084821	0.14042	AC007682.	chr2	+	51259739	52635055	3939
ENSG0000(	0.685084	0	0.85004	0.63064	NA	PSG1	chr19	-	43370616	43383974	2830
ENSG0000(	2153.868	1202.208	0.83912	5.71E-07	2.09E-06	TAPBP	chr6	-	33267471	33282164	3759
ENSG0000(	0.685084	1.698704	-1.002	0.5098	0.61316	AC102953.	chr7	-	1548291	1549063	242
ENSG0000(	0.290301	0	0.4146	0.81455	NA	HMGB3P31	chrX	-	1.34E+08	1.34E+08	595
ENSG0000(	0	3.633731	-3.4088	0.020168	0.039758	AF228730.	chr8	+	7058278	7058379	102
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP4-610C1	chr20	-	29558488	29596406	719
ENSG0000(	0.975385	12.63145	-3.3683	0.000525	0.001359	RPS7P3	chr1	-	2.33E+08	2.33E+08	580
ENSG0000(	2.064625	1.294874	0.54481	0.66624	0.74916	RP13-923C	chr8	+	82720007	82720961	955
ENSG0000(	1.068702	0.700845	0.43272	0.78808	NA	PHKA1-AS1	chrX	+	71908800	71932190	598

ENSG0000(	1.576526	0	2.1197	0.20755	NA	HS1BP3-IT1	chr2	-	20790535	20792308	600
ENSG0000(	5.125173	1.40169	1.6818	0.13506	0.20805	AC018648.	chr7	+	32852369	32878182	915
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP4-706G2	chr1	+	25534630	25535360	420
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	MTND2P22	chr2	+	1.31E+08	1.31E+08	1033
ENSG0000(	35.02259	24.9967	0.47094	0.25808	0.35572	AC007383.	chr2	+	2.07E+08	2.07E+08	1411
ENSG0000(	0.653381	0	0.82678	0.64037	NA	GNAI2P2	chr10	-	79828458	79829385	928
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP5-967N2	chr20	+	5945826	5946157	332
ENSG0000(	1.359003	6.255033	-2.0251	0.047727	0.085448	AF131215.	chr8	+	11032560	11033079	520
ENSG0000(	1.048164	0.937167	0.082641	0.95805	0.97466	RP11-12M!	chr1	-	1.8E+08	1.8E+08	353
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	RP11-12D2	chr9	-	5356312	5356525	214
ENSG0000(	1.45232	0.343138	1.1637	0.50848	NA	AC144449.	chr2	+	1.5E+08	1.51E+08	1022
ENSG0000(	13.72459	5.658588	1.2433	0.05117	0.090773	RP11-452K	chr10	+	99160872	99179281	548
ENSG0000(	0.995923	0.297015	1.0163	0.54122	NA	RP11-557H	chr6	-	1.35E+08	1.35E+08	1360
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	LINC00202	chr10	+	26932098	26942383	6037
ENSG0000(	0	3.679854	-3.4118	0.020515	0.040357	RP5-963E2	chr20	-	61798149	61812255	542
ENSG0000(	0.36308	0.937167	-0.90039	0.60194	NA	RP11-132G	chr1	+	22094762	22095068	307
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	RPL7L1P12	chr13	-	99601973	99602701	729
ENSG0000(	8.652469	21.87449	-1.3162	0.021831	0.042727	RP11-573D	chr3	+	1.87E+08	1.87E+08	330
ENSG0000(	0.290301	0	0.4146	0.81455	NA	LINC00415	chr13	-	26626414	26627523	435
ENSG0000(	0.975385	0.297015	0.91901	0.59525	NA	PPP1R2P3	chr5	+	1.56E+08	1.56E+08	1991
ENSG0000(	0	3.198346	-3.1449	0.041263	0.075338	RP11-53B5	chr9	+	96619365	96620615	391
ENSG0000(	143.2803	12.97217	3.4404	4.29E-26	4.68E-25	ANXA2P2	chr9	+	33624223	33625532	1310
ENSG0000(	0.653381	0	0.82678	0.64037	NA	RP11-57H1	chr1	+	95585703	95604110	420
ENSG0000(	7.915144	13.59534	-0.75864	0.19692	0.28489	RP1-85F18	chr22	-	41570595	41593460	457
ENSG0000(	29.31763	2.102535	3.6866	3.75E-07	1.39E-06	RP11-111F	chr9	+	46577620	46578220	601
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	FAM27D1	chr9	+	46389110	46391556	2447
ENSG0000(	10.93543	2.857624	1.7711	0.05025	0.089343	RP5-1007M	chr1	-	90048800	90098453	851
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-54D1	chr9	-	15034178	15048059	1000
ENSG0000(	0.36308	2.012704	-1.7092	0.30085	0.40228	AC005537.	chr7	-	42993734	43087661	1238
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	AP001059.	chr21	+	45670696	45671403	523
ENSG0000(	1.939605	0.343138	1.8429	0.23227	0.3257	AC107021.	chr3	+	1.46E+08	1.46E+08	1799
ENSG0000(	1.233984	0	1.5686	0.37707	NA	RP11-181C	chr1	+	78319040	78319578	251
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AL132709.	chr14	+	1.01E+08	1.01E+08	823
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC074183.	chr7	-	84568665	84569561	782
ENSG0000(	19.38668	0.640152	4.4317	8.01E-06	2.60E-05	LEF1-AS1	chr4	+	1.09E+08	1.09E+08	3360
ENSG0000(	1.286224	14.55761	-3.2439	0.000259	0.000698	RP5-1109J	chr1	+	46897801	46911374	1267
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC009410.	chr2	-	2.29E+08	2.29E+08	676
ENSG0000(	12.76974	18.07882	-0.4911	0.33657	0.44033	LSM12P1	chr8	-	35382694	35383281	588
ENSG0000(	1.649304	2.131673	-0.28593	0.83178	0.88138	RP11-275F	chr1	+	51837942	51838896	955
ENSG0000(	0.580602	1.652581	-1.0812	0.47855	0.58285	AC007391.	chr2	+	37552483	37553940	504
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC079781.	chr7	+	97537568	97537736	169
ENSG0000(	1.431782	0	1.7261	0.329	NA	AC092168.	chr2	+	1.01E+08	1.01E+08	717
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	GS1-115G2	chr1	+	1.85E+08	1.85E+08	1325
ENSG0000(	42.55926	76.24195	-0.82564	0.010861	0.022655	SCAND3	chr6	-	28539407	28583989	4877
ENSG0000(	1.08924	0	1.1858	0.50299	NA	PSMD10P3	chr13	+	73610539	73610986	448
ENSG0000(	12.4906	5.658588	1.1078	0.089637	0.14723	RP4-530I15	chr20	-	49187512	49194578	4587
ENSG0000(	13.44529	0.715414	3.7898	0.000677	0.001721	AC073479.	chr2	+	6072819	6141407	3329
ENSG0000(	2.810509	0.715414	1.6103	0.26277	0.36096	AC007392.	chr2	+	66801162	66957289	682
ENSG0000(	0.923144	0	1.223	0.49292	NA	AC009784.	chr7	+	1.36E+08	1.36E+08	889
ENSG0000(	0	2.073397	-2.2159	0.20168	0.2903	AC093390.	chr2	+	1828184	1832439	3403
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AC005772.	chr17	+	14918122	14955593	976
ENSG0000(	4.107898	3.037286	0.4021	0.72637	0.79764	RP11-173A	chr1	-	2.45E+08	2.45E+08	291
ENSG0000(	0.342542	1.234181	-1.1862	0.48567	NA	RP11-255M	chr9	-	30558878	30559479	602
ENSG0000(	2.645227	1.638012	0.60355	0.59719	0.6915	RP11-307E	chr9	+	97094758	97123230	2162
ENSG0000(	1.338465	4.273883	-1.5109	0.1659	0.247	AC023797.	chr3	-	1.96E+08	1.96E+08	348
ENSG0000(	1.390706	2.711133	-0.83273	0.51474	0.6177	TMEM253	chr14	+	21567096	21571883	1526
ENSG0000(	1.503747	1.623443	-0.066	0.96388	0.97883	RP1-302D9	chr22	+	33560049	33562425	567
ENSG0000(	4.822893	3.2299	0.53205	0.57086	0.66808	MRPL35P2	chr10	-	65394077	65394587	511
ENSG0000(	1.451506	0	1.4786	0.40599	NA	RP11-452J	chr1	+	1.93E+08	1.93E+08	779
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AL035610.	chr21	+	29420733	29509930	1754
ENSG0000(	0	1.698704	-2.2257	0.18075	NA	LARGE-IT1	chr22	-	34119818	34120898	558
ENSG0000(	1.887365	3.336716	-0.70094	0.54319	0.64365	RPS6KA2-I1	chr6	-	1.67E+08	1.67E+08	579
ENSG0000(	4.253456	0	3.645	0.010889	0.022705	AC104782.	chr2	+	1.01E+08	1.01E+08	3115
ENSG0000(	1.048164	0.343138	0.98412	0.56751	NA	RP11-261C	chr1	+	2.43E+08	2.43E+08	373
ENSG0000(	5.290455	13.9846	-1.3563	0.034102	0.063668	RP11-307C	chr1	-	1.55E+08	1.55E+08	822

ENSG0000(	1.379541	1.652581	-0.2327	0.86535	0.90634	AC079781.	chr7	-	97567751	97568106	356
ENSG0000(	148.7103	98.50757	0.5856	0.04393	0.079477	CTD-2619J	chr19	-	58915605	58919851	3059
ENSG0000(	0	1.280305	-1.6305	0.35731	NA	AC108059.	chr2	-	1.29E+08	1.29E+08	151
ENSG0000(	6.225578	15.97146	-1.334	0.054228	0.095429	RP11-509J	chr9	+	3526723	3671646	552
ENSG0000(	3.910914	0.297015	2.8312	0.041234	0.075312	RP11-149I	chr10	+	91043522	91051882	603
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	RP11-126C	chrX	+	9370791	9382606	11812
ENSG0000(	203.953	199.5871	0.032826	0.88581	0.92025	TMA7	chr3	+	48481667	48485616	688
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-123G	chr10	-	59866184	59866640	457
ENSG0000(	1.233984	1.355566	-0.07449	0.95815	0.97466	RP11-187C	chr9	+	45484572	45488153	935
ENSG0000(	1.286224	0	1.8436	0.2818	NA	RP11-490N	chr13	-	30726023	30733758	6852
ENSG0000(	1.701545	0.715414	0.9736	0.52165	0.62424	BACH1-AS1	chr21	-	30742340	30743547	241
ENSG0000(	341.2179	211.4401	0.69067	0.000283	0.000762	MCTS1	chrX	+	1.2E+08	1.2E+08	1130
ENSG0000(	4.543757	5.17708	-0.17267	0.86527	0.9063	AP001057.	chr21	+	45621173	45622579	799
ENSG0000(	1.991846	2.886762	-0.49673	0.65005	0.73589	AC011385.	chr5	+	1.38E+08	1.38E+08	195
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	RP1-293L8	chr6	-	1.26E+08	1.26E+08	501
ENSG0000(	1.068702	0.297015	0.9938	0.56435	NA	RP11-544K	chr1	-	2.2E+08	2.2E+08	388
ENSG0000(	0.580602	1.935026	-1.2792	0.39216	0.4965	DUXAP7	chr20	-	18623426	18624278	689
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	LINC00867	chr10	+	1.2E+08	1.2E+08	580
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	FMO11P	chr1	+	1.67E+08	1.67E+08	1370
ENSG0000(	4.843431	1.248751	1.6675	0.16729	0.24867	FERP1	chrX	+	1.23E+08	1.23E+08	793
ENSG0000(	8.34163	5.393128	0.60607	0.41125	0.51604	ST13P4	chr13	+	50746225	50747317	1093
ENSG0000(	0.632843	1.012429	-0.45981	0.7761	NA	RP11-277L	chr1	+	1.5E+08	1.5E+08	5730
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-252C	chr9	+	19705336	19705653	318
ENSG0000(	15.04251	6.566617	1.1588	0.054426	0.09573	RP5-842K2	chrX	+	1.31E+08	1.32E+08	3474
ENSG0000(	0.685084	0.700845	-0.01556	0.9928	NA	USP12-AS1	chr13	+	27736992	27743272	268
ENSG0000(	7.261763	2.041842	1.719	0.060067	0.10456	RPLP1P13	chr13	+	23947562	23948200	299
ENSG0000(	0	2.725702	-2.8801	0.068833	0.11738	AC092669.	chr2	+	66610438	66619582	1679
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	OR2H5P	chr6	+	29541686	29542613	928
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	RP11-146N	chr9	-	19200333	19201044	712
ENSG0000(	1.359003	1.652581	-0.25445	0.84363	0.8902	RP6-27P15	chrX	+	1.38E+08	1.38E+08	142
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-370K	chr1	-	2.44E+08	2.44E+08	389
ENSG0000(	3.786708	10.43909	-1.4044	0.093501	0.15267	RP11-311P	chrX	-	74546607	74547834	1228
ENSG0000(	8.620766	12.0156	-0.46116	0.49192	0.59588	FTH1P7	chr13	-	23270162	23270713	552
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-312J	chr1	-	1.61E+08	1.61E+08	575
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	RP11-134D	chr16	+	87091390	87097597	4083
ENSG0000(	7.480099	0	4.4733	0.00074	0.001873	RP11-62I2.	chr1	-	2.45E+08	2.45E+08	810
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP1-313L4	chr1	+	1.68E+08	1.68E+08	718
ENSG0000(	0	4.115239	-3.4607	0.022338	0.043622	TOMM22P2	chrY	+	2696023	2696259	237
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	MTRNR2L4	chr16	-	3421053	3422283	1231
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-302L	chr6	+	1.7E+08	1.7E+08	429
ENSG0000(	1.027626	1.248751	-0.21406	0.89642	0.92822	AC098824.	chr2	-	43053462	43054757	980
ENSG0000(	4.366497	6.004142	-0.40296	0.64664	0.73297	PHBP15	chr7	-	74155796	74156460	665
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	FTLP8	chr13	-	98639204	98639470	267
ENSG0000(	2.448243	2.309719	0.05221	0.96795	0.98191	RP1-149A1	chr22	+	32782655	32782855	201
ENSG0000(	9.584986	8.810811	0.10976	0.8707	0.90976	LINC00202	chr10	-	27220135	27230930	3620
ENSG0000(	2.624689	0	2.9014	0.06135	0.10638	RP11-77O7	chr2	-	69821873	69822190	318
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	LINC00865	chr10	+	91589267	91600618	4272
ENSG0000(	0.653381	27.85755	-4.9286	3.14E-07	1.17E-06	RP11-573D	chr3	-	1.87E+08	1.87E+08	1832
ENSG0000(	2.334388	3.989022	-0.68303	0.55557	0.65473	ASCL5	chr1	-	2.01E+08	2.01E+08	2026
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RBPJP5	chr9	-	41884765	41886211	1447
ENSG0000(	1.991846	0.700845	1.2446	0.37452	0.47873	RP11-30L8	chr13	+	86634948	86745025	194
ENSG0000(	0.36308	2.979009	-2.422	0.093732	0.15299	TMEM114	chr16	-	8619502	8622304	644
ENSG0000(	0	1.828211	-2.0755	0.23445	NA	BTF3L4P1	chr21	-	18890841	18891311	471
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	OR52I1	chr11	+	4615037	4616243	1047
ENSG0000(	1.939605	2.382564	-0.23625	0.85295	0.8967	INTS4L2	chr7	+	65112777	65180636	1403
ENSG0000(	2.914991	1.355566	0.99019	0.39666	0.5012	FTH1P1	chr1	+	38010364	38010895	532
ENSG0000(	0	6.679138	-4.2812	0.001802	0.004295	RP11-782C	chr1	-	1.43E+08	1.43E+08	5783
ENSG0000(	0.705622	0	0.8807	0.6196	NA	AC104651.	chr2	-	1.13E+08	1.13E+08	528
ENSG0000(	0.290301	0	0.4146	0.81455	NA	GS1-204I1.	chr1	-	1.86E+08	1.86E+08	642
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	MTND1P32	chrX	+	1.02E+08	1.02E+08	938
ENSG0000(	57.6505	3.351285	4.013	4.35E-13	2.53E-12	GNG12-AS1	chr1	+	68297986	68668670	2232
ENSG0000(	0.290301	0	0.4146	0.81455	NA	SLC6A1-AS:	chr3	-	11047784	11060910	584
ENSG0000(	2.137404	2.07098	0.027733	0.98323	0.99069	RP1-292B1	chr6	-	1.51E+08	1.51E+08	396
ENSG0000(	0	7.622753	-4.5087	0.00066	0.001683	PAICSP7	chrX	-	93891662	93894569	962
ENSG0000(	60.57242	13.06442	2.1994	6.99E-09	3.00E-08	RP11-154D	chr6	-	71931160	72037931	946

ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-10N1	chr1	-	24634046	24648391	856
ENSG0000(	7.043427	7.033556	0.017335	0.98225	0.99011	FAM215B	chr17	-	44636196	44640161	2183
ENSG0000(	0	617.7423	-10.544	9.50E-23	9.07E-22	RP11-132A	chr7	+	1.01E+08	1.01E+08	756
ENSG0000(	2.395188	1.698704	0.44893	0.73566	0.80499	RP11-205N	chr9	-	32566146	32567124	979
ENSG0000(	0	4.481067	-3.4029	0.03257	0.06106	CLCP1	chr22	-	17903436	17903823	388
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC012485.	chr2	-	2.39E+08	2.39E+08	563
ENSG0000(	1.597063	0	1.9181	0.27352	NA	RP11-557H	chr6	-	1.35E+08	1.35E+08	892
ENSG0000(	0.632843	1.387121	-0.79676	0.61465	0.70643	RP1-249I4.	chr6	+	1.1E+08	1.1E+08	465
ENSG0000(	12.08466	6.131232	0.9327	0.15998	0.23966	AC009299.	chr2	-	1.62E+08	1.62E+08	513
ENSG0000(	1.576526	0.700845	0.95778	0.51389	0.61691	AC008440.	chr19	+	54368017	54369394	555
ENSG0000(	0.653381	29.22433	-4.9478	7.91E-07	2.85E-06	AC093627.	chr7	-	70972	71835	759
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-395C	chr4	-	81307332	81309870	2539
ENSG0000(	2.282147	1.416259	0.61379	0.63587	0.72421	RPS27AP2	chr20	+	17497488	17497952	465
ENSG0000(	0.290301	2.07098	-1.8977	0.2248	0.3174	RP11-47G1	chr10	-	1.26E+08	1.26E+08	525
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-435D	chr1	+	36204990	36209177	539
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-782C	chr1	+	1.43E+08	1.43E+08	470
ENSG0000(	0.36308	1.058552	-0.99522	0.56254	NA	RP11-46O2	chr10	-	76265890	76289096	897
ENSG0000(	12.43918	5.361573	1.1693	0.084768	0.1404	AC087163.	chr17	+	17913957	17915136	853
ENSG0000(	1.555988	3.853068	-1.1181	0.3508	0.45522	SC22CB-1E	chr22	+	32435477	32435883	407
ENSG0000(	24.09897	14.35855	0.70712	0.22472	0.31735	RP11-488L	chr1	-	2.47E+08	2.47E+08	706
ENSG0000(	5.217676	7.769244	-0.55233	0.4578	0.56294	U73167.7	chr3	-	50304073	50304803	338
ENSG0000(	0.632843	5.168959	-2.4821	0.058739	0.10254	VIPR1-AS1	chr3	-	42548016	42574098	810
ENSG0000(	0.653381	0.343138	0.51863	0.76794	NA	RP5-955M:	chr20	+	49615907	49626556	802
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AP000281.	chr21	-	34216677	34222244	384
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP1-102D2	chr22	-	45831744	45844624	545
ENSG0000(	0.290301	2.292733	-2.0944	0.16266	0.24304	RP5-882O7	chr1	-	45453906	45454397	492
ENSG0000(	11.65059	15.64772	-0.41088	0.48921	0.59323	RP11-504P	chr1	-	2.24E+08	2.24E+08	360
ENSG0000(	0.685084	0	0.85004	0.63064	NA	GPR79	chr3	-	1.59E+08	1.59E+08	1086
ENSG0000(	3.64115	1.043983	1.5851	0.1926	0.27987	AC016910.	chr2	+	1.45E+08	1.45E+08	1046
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-308D	chrX	-	1.36E+08	1.36E+08	386
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	OR52U1P	chr11	+	5740520	5741442	923
ENSG0000(	0.870904	3.899191	-1.7452	0.18165	0.26637	RPS3AP25	chr7	-	94324339	94325131	793
ENSG0000(	0.36308	6.593339	-3.4197	0.01225	0.025279	RP11-66B2	chr15	+	1.01E+08	1.01E+08	3907
ENSG0000(	0.290301	0.951736	-0.90191	0.60254	NA	SKA2P1	chr9	+	1.26E+08	1.26E+08	390
ENSG0000(	297.8844	418.5502	-0.49174	0.000822	0.002067	LINC00493	chr20	+	18548064	18550207	505
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-134K	chr6	-	71317937	71319037	1101
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC090696.	chr15	+	28020767	28021944	418
ENSG0000(	0	1.40169	-1.7271	0.32809	NA	RP3-399L1	chr6	-	1.15E+08	1.15E+08	786
ENSG0000(	0.36308	0.594029	-0.39069	0.82661	NA	RP1-76B20	chr22	-	30101245	30115848	590
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	TMPRSS11(	chr4	-	68632198	68639572	683
ENSG0000(	0.632843	0.357707	0.4993	0.77637	NA	RP11-234K	chr20	-	34738335	34743655	2701
ENSG0000(	0.580602	0.297015	0.36801	0.83644	NA	RP11-641C	chr3	-	60675958	60676452	495
ENSG0000(	0.72616	0.594029	0.12651	0.94322	NA	AC009495.	chr2	-	1.67E+08	1.67E+08	506
ENSG0000(	1.359003	2.355842	-0.65632	0.63373	0.72255	RP1-315G1	chrX	-	1.23E+08	1.23E+08	326
ENSG0000(	0.870904	0	1.046	0.5544	NA	CTB-51J22.	chr7	-	73473906	73476614	532
ENSG0000(	0	1.188058	-1.268	0.47398	NA	BPESC1	chr3	+	1.39E+08	1.39E+08	3518
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-380N	chr6	+	73696036	73697473	1438
ENSG0000(	2.157128	0.951736	0.96145	0.48726	0.59122	AC105396.	chr2	+	1.84E+08	1.84E+08	338
ENSG0000(	0.290301	7.685861	-3.7891	0.002635	0.006128	RP11-341A	chr9	+	42493617	42494809	1193
ENSG0000(	161.3751	28.77766	2.47	1.79E-15	1.20E-14	C9orf172	chr9	+	1.4E+08	1.4E+08	2931
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-103C	chr1	+	2.22E+08	2.22E+08	807
ENSG0000(	22.2425	6.708276	1.6413	0.0179	0.035702	RPL18AP7	chr3	-	38568293	38568816	524
ENSG0000(	40.189	70.30837	-0.80034	0.011373	0.023622	CTD-3184A	chr20	+	62258580	62260177	801
ENSG0000(	2.551911	768.2269	-8.0017	4.33E-52	1.05E-50	RP11-132A	chr7	+	1.01E+08	1.01E+08	705
ENSG0000(	7.366245	5.439251	0.42269	0.58421	0.68004	RP4-730K3	chr1	-	1.14E+08	1.14E+08	748
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	AC016768.	chr2	-	23240997	23421927	717
ENSG0000(	6.886704	1.759397	1.8167	0.088624	0.14586	RP4-794H1	chr1	-	59348540	59362375	1211
ENSG0000(	5.031856	2.041842	1.2005	0.22795	0.32098	RP11-3J10.	chr9	+	37836041	37836391	351
ENSG0000(	2.998934	1.577319	0.76794	0.54242	0.64295	LARS2-AS1	chr3	-	45525466	45551037	575
ENSG0000(	1.161205	0.891044	0.23244	0.89383	0.9264	RP11-5P18	chr1	-	16361673	16366524	704
ENSG0000(	4.471792	8.801074	-0.94205	0.26664	0.36533	RP11-583F	chr17	+	62936720	62952664	1059
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC005029.	chr7	-	41004266	41019537	3263
ENSG0000(	0.580602	4.478651	-2.3798	0.067775	0.11587	BMPR1APS	chr11	-	1.21E+08	1.21E+08	1014
ENSG0000(	1.503747	3.365854	-0.95668	0.432	0.53749	RP11-337A	chr9	-	26880176	26880547	372
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	TMA16P2	chr1	-	46312666	46313266	601

ENSG0000(	5.394936	5.133373	0.043676	0.95818	0.97466	RP11-313D	chr10	+	1.13E+08	1.13E+08	401
ENSG0000(	25.45896	40.68075	-0.67368	0.080277	0.13394	EEF1B2P3	chrX	-	24806509	24807186	678
ENSG0000(	0	1.280305	-1.6305	0.35731	NA	AC010900.	chr2	+	2.04E+08	2.04E+08	1296
ENSG0000(	52.36779	2.399549	4.3475	1.78E-12	9.92E-12	RP11-224C	chr1	-	2.19E+08	2.19E+08	557
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP4-654C1	chr1	+	23737325	23738639	426
ENSG0000(	5.249379	2.200487	1.1105	0.28842	0.38997	AC098820.	chr2	-	2.17E+08	2.17E+08	750
ENSG0000(	0.653381	0.891044	-0.31039	0.85574	NA	RP11-18B3	chr9	+	1.09E+08	1.09E+08	2434
ENSG0000(	6.222158	0.98329	2.2964	0.059521	0.10378	RASA3-IT1	chr13	-	1.15E+08	1.15E+08	380
ENSG0000(	3.829576	0	3.1154	0.056956	0.099713	MFAP1P1	chr13	-	31115780	31117034	1255
ENSG0000(	1.814586	4.409837	-1.0836	0.34586	0.44993	OSBPL10-A	chr3	+	31745550	31763144	575
ENSG0000(	2.583614	3.359407	-0.32617	0.80647	0.86317	RP4-756H1	chr7	+	66021203	66022052	850
ENSG0000(	0.943682	0.891044	0.040239	0.98082	NA	RPL12P11	chr20	+	40176061	40176561	501
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP5-1011C	chr1	-	1.92E+08	1.93E+08	396
ENSG0000(	4.543757	7.746554	-0.71676	0.34921	0.45347	RP11-512F	chr1	+	1.14E+08	1.14E+08	1029
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC073464.	chr2	-	95426519	95426861	343
ENSG0000(	3.338871	0.297015	2.4207	0.12484	0.19513	AC105053.	chr2	+	86116403	86118103	783
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	XXbac-BPG	chr6	+	29191750	29234862	464
ENSG0000(	0.705622	2.65044	-1.6176	0.22793	0.32098	AC112198.	chr5	-	54104038	54168379	6996
ENSG0000(	0.36308	2.497501	-2.015	0.20897	0.29899	AC074366.	chr2	-	38895830	38898563	552
ENSG0000(	1.524285	1.355566	0.17298	0.90173	0.93215	RP11-29H2	chr1	-	1.56E+08	1.56E+08	448
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	AC012507.	chr2	+	2.32E+08	2.32E+08	1765
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-332K	chr7	+	1.23E+08	1.23E+08	451
ENSG0000(	0	3.2299	-3.2154	0.032806	0.061439	AC025750.	chr2	-	42690279	42691137	859
ENSG0000(	255.4811	7.679413	4.9651	1.89E-42	3.55E-41	RP11-14N7	chr1	+	1.49E+08	1.49E+08	605
ENSG0000(	2.261609	1.012429	0.97786	0.46578	0.57058	RP4-673D2	chr20	-	1748603	1760641	1367
ENSG0000(	1.286224	0.357707	1.3361	0.4083	NA	RP1-102K2	chr22	+	30635183	30636527	808
ENSG0000(	2.282147	1.387121	0.62948	0.62716	0.71706	AC027612.	chr2	-	91935966	91937021	1056
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-63K6	chr6	+	90629915	90631479	756
ENSG0000(	130.4429	116.0812	0.16522	0.40295	0.50763	AC093673.	chr7	-	1.43E+08	1.43E+08	648
ENSG0000(	0	1.995719	-2.4883	0.12386	0.19391	OR5H8P	chr3	+	98030757	98031687	931
ENSG0000(	1.265686	1.623443	-0.27543	0.84975	0.89449	RP11-74C1	chr1	+	1.52E+08	1.52E+08	526
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RPL36P19	chr13	+	43968661	43968961	301
ENSG0000(	1.048164	0	1.348	0.44949	NA	DPYD-IT1	chr1	-	97859710	97885697	401
ENSG0000(	15.83208	11.92819	0.39959	0.45657	0.56185	KB-318B8.2	chr22	+	24497652	24499317	558
ENSG0000(	8.693545	7.405832	0.22338	0.74977	0.81698	RP11-458F	chr7	+	66313483	66323123	298
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	AC104088.	chr2	+	1.73E+08	1.73E+08	510
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC092570.	chr2	-	1.02E+08	1.02E+08	1143
ENSG0000(	173.0758	149.1974	0.21336	0.31995	0.42277	GS1-124K5	chr7	-	66010634	66057373	958
ENSG0000(	0.290301	0	0.4146	0.81455	NA	C21orf37	chr21	+	18811208	18821503	714
ENSG0000(	46.82632	93.56252	-0.99526	0.000223	0.000605	GTF2IP1	chr7	-	74602783	74653438	2629
ENSG0000(	9.926715	9.436394	0.075296	0.90729	0.93617	RP4-591N1	chr22	+	40917804	40922711	1932
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC093038.	chr2	-	1.87E+08	1.87E+08	501
ENSG0000(	104.9445	200.0971	-0.92758	2.04E-06	7.08E-06	RPL3P4	chr14	-	99439216	99439638	423
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTC-303L1.	chr5	+	93928473	93930496	2021
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	CTD-3105H	chr19	+	12615479	12615704	226
ENSG0000(	0	3.212915	-2.9127	0.077518	0.13005	GPR143P	chrY	-	6968774	6974543	205
ENSG0000(	2.282147	0	2.6902	0.089639	0.14723	RP11-397C	chr13	+	1.02E+08	1.02E+08	429
ENSG0000(	5.798278	3.679854	0.6305	0.46166	0.56683	RP11-46A1	chr1	-	1.81E+08	1.81E+08	1440
ENSG0000(	3.64115	3.336716	0.11818	0.89978	0.9306	EEF1A1P3	chr13	+	28788650	28790034	1385
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP5-1031D	chr10	-	7487520	7513904	557
ENSG0000(	31.06979	20.71148	0.57904	0.24269	0.33802	RP11-258C	chrX	+	53123327	53196196	1196
ENSG0000(	1.960143	4.507789	-1.0606	0.36042	0.46459	RP1-161N1	chrX	-	1.24E+08	1.24E+08	534
ENSG0000(	4.253456	14.24361	-1.6787	0.014572	0.029583	AC084125.	chr8	+	1.46E+08	1.46E+08	555
ENSG0000(	0	1.782087	-1.7295	0.3322	NA	AC010967.	chr2	+	53091373	53093769	333
ENSG0000(	2.656392	3.443532	-0.32329	0.76959	0.83366	TIMM9P2	chr21	+	40588550	40589432	266
ENSG0000(	19.01586	19.09212	-0.01738	0.97376	0.98544	RP11-1114	chrX	-	1.36E+08	1.36E+08	3018
ENSG0000(	1.359003	3.859516	-1.2853	0.30654	0.4081	AC007386.	chr2	-	65257861	65280151	1018
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	CTD-2012J	chr5	+	1614951	1616449	1075
ENSG0000(	0.290301	1.84278	-1.6645	0.31717	0.41985	RP11-439L	chr6	+	1.43E+08	1.43E+08	554
ENSG0000(	2.572449	2.041842	0.31989	0.77658	0.83946	AP000266.	chr21	-	33678775	33681048	582
ENSG0000(	0.290301	1.188058	-1.0232	0.56351	NA	RP11-175B	chr1	+	2.02E+08	2.02E+08	1171
ENSG0000(	1.960143	2.976593	-0.49995	0.70712	0.78231	AC021876.	chr7	+	23405237	23405595	359
ENSG0000(	4.294532	0.997859	1.86	0.10273	0.1651	RP11-365C	chr1	-	2.24E+08	2.24E+08	790
ENSG0000(	0.36308	0.594029	-0.39069	0.82661	NA	HLA-DQB2	chr6	-	32723875	32731311	2026
ENSG0000(	17.37853	19.19478	-0.144	0.81336	0.86888	PRPS1P2	chr9	+	1.28E+08	1.28E+08	937

ENSG0000(	2.064625	1.591889	0.28628	0.81693	0.87162	CTD-2201C	chr5	+	1.13E+08	1.13E+08	3361
ENSG0000(	104.1131	31.75426	1.7024	4.69E-09	2.04E-08	WI2-3658N	chr1	-	1.46E+08	1.46E+08	5496
ENSG0000(	20.6249	62.42411	-1.5936	4.79E-05	0.000142	RP1-266L2	chr6	-	1.7E+08	1.7E+08	403
ENSG0000(	1.265686	0.343138	1.2235	0.46934	NA	AC008073.	chr2	-	24388753	24397874	792
ENSG0000(	4.253456	1.638012	1.2414	0.23511	0.32902	RP3-322G1	chr20	-	23337231	23338753	514
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-344N	chr10	+	74824884	74825225	214
ENSG0000(	12.09582	14.14566	-0.21972	0.67542	0.75694	RP11-367N	chr4	-	1.84E+08	1.84E+08	559
ENSG0000(	0	23.76581	-6.1621	1.61E-07	6.17E-07	RP5-834N1	chr1	+	1.2E+08	1.2E+08	442
ENSG0000(	7.427858	2.292733	1.5661	0.079011	0.13211	GOLGA8N	chr15	+	32885657	32896179	1997
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	IDI2-AS1	chr10	+	1068606	1090138	1054
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	LDHBP1	chr13	+	1.14E+08	1.14E+08	1119
ENSG0000(	1.701545	1.669566	0.013877	0.99184	0.99563	RP11-126K	chr1	-	1.51E+08	1.51E+08	622
ENSG0000(	0.342542	0	0.4146	0.81455	NA	ADH5P2	chr1	+	79986765	79987888	1124
ENSG0000(	56.82777	1458.624	-4.6544	2.70E-86	1.27E-84	LINC00665	chr19	-	36803969	36822620	2732
ENSG0000(	3.298608	0.343138	2.5576	0.07325	0.12392	RP11-400N	chr1	-	2.22E+08	2.22E+08	562
ENSG0000(	2.43887	3.183777	-0.36506	0.75995	0.82564	RP11-388P	chr10	+	61815632	61820501	1546
ENSG0000(	0.705622	9.693733	-3.3973	0.002235	0.005246	ATP11A-AS	chr13	-	1.13E+08	1.13E+08	2192
ENSG0000(	3.423628	3.723561	-0.11801	0.90566	0.93497	ARID4B-IT1	chr1	-	2.35E+08	2.35E+08	463
ENSG0000(	0	1.234181	-1.5727	0.37581	NA	RP11-561I	chr1	-	2.42E+08	2.42E+08	462
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC097713.	chr2	-	2.35E+08	2.35E+08	311
ENSG0000(	5.365025	6.215358	-0.18892	0.84255	0.8896	AP001596.	chr21	+	27750871	27844017	1078
ENSG0000(	1.669842	1.234181	0.3137	0.83136	0.88112	AC012370.	chr2	-	65600834	65607819	530
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AC017006.	chr2	-	46305154	46305967	464
ENSG0000(	2.448243	1.84278	0.30053	0.82248	0.87489	AP001058.	chr21	-	45626408	45627282	463
ENSG0000(	0.36308	0	0.4146	0.81455	NA	BDH2P1	chr6	+	99622620	99623357	738
ENSG0000(	0.36308	1.073121	-0.87448	0.62195	NA	RP3-437C1	chr6	-	51274879	51275335	457
ENSG0000(	0.36308	0.594029	-0.39069	0.82661	NA	NUTMHP	chr10	+	52439351	52446086	1698
ENSG0000(	3.22583	1.029414	1.3804	0.30551	0.40705	MARK2P9	chr10	+	94178424	94180632	1727
ENSG0000(	5.996077	8.415844	-0.46726	0.51448	0.61744	RP4-669P1	chr22	-	42532442	42535938	667
ENSG0000(	5.45655	9.94704	-0.84439	0.25566	0.35297	RP4-777D9	chr20	-	21134664	21198927	5369
ENSG0000(	5.104635	0.654722	2.5252	0.038644	0.071189	AC010733.	chr2	-	61165339	61165739	401
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC016831.	chr7	-	1.31E+08	1.31E+08	1723
ENSG0000(	4.117271	0	3.5031	0.019252	0.038135	TRIM51JP	chr2	+	96240647	96246512	1320
ENSG0000(	0.342542	1.84278	-1.6267	0.32697	0.42994	RP11-13J8.	chr2	+	2.02E+08	2.02E+08	1269
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-403I	chr1	+	1.49E+08	1.49E+08	1073
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	AC111186.	chr17	+	73070401	73075644	2848
ENSG0000(	2.656392	1.949596	0.38164	0.74305	0.81118	U52111.14	chrX	-	1.53E+08	1.53E+08	914
ENSG0000(	12.46151	9.692117	0.33353	0.63854	0.72637	AC083884.	chr7	-	74103273	74143339	1268
ENSG0000(	0.923144	0.343138	0.88162	0.61011	NA	AC073043.	chr2	-	2.01E+08	2.01E+08	982
ENSG0000(	5.519142	4.242329	0.35689	0.67126	0.75379	RP11-25G1	chr10	+	15279491	15283766	794
ENSG0000(	3.443352	1.888903	0.76146	0.49953	0.60327	RHOQP2	chr2	+	1.32E+08	1.32E+08	600
ENSG0000(	0.36308	1.698704	-1.6626	0.28864	0.39018	ANKRD20A	chr1	+	1.43E+08	1.43E+08	1746
ENSG0000(	1.555988	0.297015	1.4773	0.37579	NA	RP11-177A	chr1	-	1.79E+08	1.79E+08	344
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-296C	chr1	+	1.73E+08	1.73E+08	316
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP5-837O2	chr1	-	94390299	94390941	643
ENSG0000(	1.628766	0.343138	1.6246	0.30143	0.40279	RP1-85F18	chr22	-	41565194	41579148	357
ENSG0000(	2.157942	2.918317	-0.40581	0.74849	0.81596	RP5-1185I	chr7	+	77619701	77624488	1965
ENSG0000(	0.36308	1.355566	-1.381	0.39134	NA	ETF1P1	chr6	+	29999490	30000780	984
ENSG0000(	1.213446	0.686276	0.58081	0.72779	NA	AC002480.	chr7	+	22602956	22613615	2432
ENSG0000(	5.091843	5.66342	-0.11594	0.9206	0.94672	RP4-784A1	chr1	+	53770208	53773134	752
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-498B	chr10	+	1.18E+08	1.18E+08	778
ENSG0000(	0.290301	2.367995	-2.0987	0.16791	0.24938	RP11-201C	chr1	+	31523719	31523881	163
ENSG0000(	0	2.056411	-2.4909	0.12616	0.19678	RP11-47I2	chr14	+	62037258	62125414	1655
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AP000525.	chr22	+	16162066	16172700	1160
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	MRPL51P2	chr21	-	44535444	44535819	376
ENSG0000(	0.342542	1.759397	-1.5695	0.34259	0.44649	RPL23AP5(	chr6	+	1.08E+08	1.08E+08	455
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP5-871G1	chr1	-	1.2E+08	1.2E+08	625
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC073135.	chr3	+	1.98E+08	1.98E+08	852
ENSG0000(	0.342542	0	0.4146	0.81455	NA	OR7L1P	chrX	+	1.31E+08	1.31E+08	380
ENSG0000(	1.286224	3.899191	-1.4101	0.20978	0.29981	AC078883.	chr2	-	1.73E+08	1.73E+08	754
ENSG0000(	0	16.78153	-5.7069	1.42E-06	4.99E-06	AC006481.	chr7	+	20875050	21062767	447
ENSG0000(	0.870904	0.715414	0.19229	0.91324	NA	FTH1P25	chr1	-	1.85E+08	1.85E+08	469
ENSG0000(	0.705622	0	0.8807	0.6196	NA	DNAJC19P8	chr1	-	2.45E+08	2.45E+08	259
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CRYGFP	chr2	+	2.1E+08	2.1E+08	633
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	SLC7A15P	chr2	+	20586147	20596349	1363

ENSG0000(	2.229907	2.443257	-0.08575	0.94746	0.96682	RP11-93B1	chr20	-	61294371	61298076	1420
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-536K	chr10	-	5979079	5987863	640
ENSG0000(	0.36308	0	0.4146	0.81455	NA	TNF	chr6	+	31543344	31546113	1676
ENSG0000(	7.697622	8.856934	-0.20582	0.76286	0.82792	RP11-96K1	chr1	+	1.11E+08	1.11E+08	2359
ENSG0000(	22.41813	3.022717	2.7939	3.97E-05	0.000119	COL4A2-AS	chr13	-	1.11E+08	1.11E+08	540
ENSG0000(	26.78723	3.40553	2.8039	7.17E-05	0.000208	RP11-764K	chr9	-	68413482	68414196	715
ENSG0000(	15.53061	22.82052	-0.55324	0.23201	0.32553	RPS2P32	chr7	+	23530092	23530983	892
ENSG0000(	6.007242	0	4.1622	0.002187	0.005142	AC003986.	chr7	+	19152097	19153894	1711
ENSG0000(	0.653381	0.357707	0.52032	0.76705	NA	RP11-401A	chr1	-	1.98E+08	1.98E+08	408
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AF196970.	chrX	-	48557354	48595570	925
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	RP11-144C	chr3	+	1.01E+08	1.01E+08	406
ENSG0000(	4.470978	7.579045	-0.70772	0.36238	0.46653	FAM27E3	chr9	-	67784944	67786624	1506
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	AF064858.	chr21	-	40346355	40349700	1598
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	SNX18P2	chr9	-	95655980	95656787	808
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	SLC25A6P3	chr1	+	52174734	52175612	879
ENSG0000(	8.413595	0	4.6549	0.00037	0.000976	CTA-215D1	chr1	-	8117305	8118523	800
ENSG0000(	5.136338	2.901332	0.72983	0.46454	0.56954	AL590708.	chr9	+	1.31E+08	1.31E+08	696
ENSG0000(	2.67693	2.604317	0.021982	0.98385	0.99083	CICP4	chr20	-	62921540	62924351	2812
ENSG0000(	0.685084	0.715414	-0.02805	0.98738	NA	AF131217.	chr21	-	29816870	30047170	900
ENSG0000(	20.84242	16.50238	0.31527	0.56952	0.66669	LYRM9	chr17	-	26205340	26221778	2824
ENSG0000(	7.708787	3.100394	1.2468	0.15457	0.23292	SMG7-AS1	chr1	-	1.83E+08	1.83E+08	2246
ENSG0000(	0.923144	0	1.223	0.49292	NA	RP4-665N4	chr1	-	36545667	36547923	898
ENSG0000(	0.36308	0.951736	-0.91212	0.59701	NA	RP11-179D	chr9	+	27210325	27210624	300
ENSG0000(	1.991846	3.587607	-0.78061	0.45148	0.55699	SEC1P	chr19	+	49141328	49184461	1511
ENSG0000(	0.653381	7.951321	-3.1734	0.004557	0.010211	CTAGE3P	chr13	-	52482354	52484757	2404
ENSG0000(	0	2.010288	-2.4674	0.13027	0.202	RP11-135A	chr3	-	1.94E+08	1.94E+08	430
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	HMGN2P3	chr10	-	98675390	98675659	270
ENSG0000(	0.632843	1.309443	-0.75604	0.63051	0.71982	CTA-212D2	chr6	+	1.35E+08	1.35E+08	790
ENSG0000(	0.653381	0	0.82678	0.64037	NA	DPYD-AS1	chr1	+	97561479	97788511	533
ENSG0000(	0	3.755116	-3.416	0.021122	0.041462	RP11-544M	chr1	+	1.61E+08	1.61E+08	173
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP3-453C1	chr20	-	44016987	44017345	359
ENSG0000(	1.370168	1.935026	-0.40992	0.7781	0.84058	PHKA1P1	chr1	-	91358549	91359169	621
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AF127936.	chr21	-	16120066	16126186	816
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC006466.	chr7	-	31158898	31159186	289
ENSG0000(	52.9012	10.76524	2.2438	1.31E-06	4.62E-06	RPS11P5	chr12	+	1.33E+08	1.33E+08	486
ENSG0000(	0.653381	0.594029	0.059135	0.97278	NA	RP11-136K	chr6	+	1.51E+08	1.51E+08	378
ENSG0000(	0	2.635871	-2.911	0.060379	0.10495	AC019068.	chr2	+	2.37E+08	2.37E+08	489
ENSG0000(	1.338465	0	1.8837	0.27037	NA	MRPS31P2	chr13	-	20126711	20144428	518
ENSG0000(	8.454671	7.405832	0.19652	0.77952	0.84182	CYCSP10	chr3	-	10042331	10042624	294
ENSG0000(	0	7.411537	-4.4853	0.000685	0.001741	RP11-746P	chr7	+	64820847	64822089	1243
ENSG0000(	1.576526	13.29188	-2.8478	0.000941	0.002345	RP5-977B1	chr20	-	35136563	35201794	749
ENSG0000(	1.971308	7.03114	-1.6941	0.067195	0.11505	RP3-510O8	chr6	-	35701644	35704724	669
ENSG0000(	0.685084	3.738131	-1.9829	0.15546	0.23405	RP5-1115A	chr1	+	8484705	8494898	516
ENSG0000(	1.866827	0	2.3484	0.15622	NA	RP11-429H	chr10	-	95841707	95868571	1612
ENSG0000(	1.411244	0.654722	0.79457	0.61203	0.70441	AC097721.	chr2	-	1.39E+08	1.39E+08	1253
ENSG0000(	0.290301	0	0.4146	0.81455	NA	HMGN2P2	chr5	-	1.16E+08	1.16E+08	270
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-450D	chr1	-	2.04E+08	2.04E+08	297
ENSG0000(	2.334388	0	2.7132	0.086551	0.14296	AC000078.	chr22	+	19874812	19875493	682
ENSG0000(	2.831047	0.98329	1.2269	0.38699	0.49117	DDX3YP1	chrX	+	73340847	73351758	1950
ENSG0000(	288.1402	15.40569	4.2055	3.92E-44	7.67E-43	LINC00342	chr2	-	96472866	96481963	2351
ENSG0000(	0.290301	3.692007	-2.5656	0.097426	0.15798	RP11-80H5	chr10	+	91405039	91410424	563
ENSG0000(	1.390706	5.661004	-1.832	0.098867	0.15993	AC139099.	chr17	+	81174666	81188573	2256
ENSG0000(	0.632843	0.715414	-0.08242	0.96193	NA	RP11-406C	chr9	-	1.13E+08	1.13E+08	478
ENSG0000(	4.595998	1.935026	1.1234	0.26623	0.36496	HCG25	chr6	+	33217311	33222766	759
ENSG0000(	1.265686	17.41685	-3.487	8.14E-05	0.000234	RP11-390F	chr9	+	6675284	6675614	331
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC002480.	chr7	+	22629324	22631241	557
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-36D1	chr10	+	82057476	82059411	1626
ENSG0000(	0.580602	0.343138	0.37443	0.8337	NA	RP11-90H3	chr1	+	1.06E+08	1.06E+08	1779
ENSG0000(	0.580602	0.357707	0.37639	0.83285	NA	HSPA8P18	chr3	-	19981761	19984802	1928
ENSG0000(	192.288	408.6493	-1.0812	2.55E-06	8.75E-06	SNHG15	chr7	-	45022622	45026560	3116
ENSG0000(	0.36308	0	0.4146	0.81455	NA	HMGN2P2	chr2	+	24553271	24553543	273
ENSG0000(	1.068702	0.357707	1.0016	0.56008	NA	AP001062.	chr21	+	45759259	45760353	127
ENSG0000(	0.632843	2.321872	-1.4264	0.33723	0.44103	POLHP1	chr2	-	2.17E+08	2.17E+08	470
ENSG0000(	13.18425	1.294874	3.1008	0.000533	0.001378	CYP1B1-AS	chr2	+	38302791	38408997	1757
ENSG0000(	42.02478	1.234181	4.7453	6.65E-10	3.12E-09	LINC00327	chr13	+	24040710	24061603	2087

ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	RP11-146N	chr9	-	19291335	19292574	409
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-296L	chr9	-	34546522	34546994	473
ENSG0000(	1.286224	9.402424	-2.4962	0.03348	0.062598	AC051649.	chr11	+	2012326	2014699	722
ENSG0000(	0.995923	0	1.4959	0.39264	NA	RPL7P14	chr2	+	2.04E+08	2.04E+08	741
ENSG0000(	18.52776	21.75056	-0.22517	0.62451	0.71467	RP11-267N	chr1	-	1.63E+08	1.63E+08	1441
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC005324.	chr17	-	15638337	15652506	746
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-192I	chr1	-	2.28E+08	2.28E+08	2448
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC067959.	chr2	+	21444047	22193831	504
ENSG0000(	4.656798	8.398859	-0.76892	0.36913	0.47372	AC034220.	chr5	-	1.32E+08	1.32E+08	1792
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP11-475C	chr1	-	84041459	84326706	3177
ENSG0000(	11.65817	0.357707	4.3053	0.000438	0.001148	NALCN-AS1	chr13	+	1.01E+08	1.02E+08	2846
ENSG0000(	5.632997	1.684135	1.5983	0.11205	0.17796	RPEP4	chr22	+	30004889	30005490	602
ENSG0000(	0	8.890904	-4.7654	0.000198	0.000543	HDAC1P2	chr1	+	2.21E+08	2.21E+08	1398
ENSG0000(	3.362014	7.495662	-1.0802	0.22552	0.31827	FAM157B	chr9	+	1.41E+08	1.41E+08	1795
ENSG0000(	471.6336	678.528	-0.52239	0.001017	0.002517	SNHG7	chr9	-	1.4E+08	1.4E+08	2357
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP5-908M	chr20	+	61004604	61006568	477
ENSG0000(	0.653381	0.297015	0.51304	0.77085	NA	RP11-490E	chr10	+	483501	487110	558
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-118H	chr9	-	65880533	65883885	793
ENSG0000(	0.943682	0	1.2438	0.48556	NA	PKD1P1	chr16	-	18451943	18473188	1547
ENSG0000(	13.79818	10.3363	0.40082	0.48225	0.58654	CRYZP1	chr7	-	1.03E+08	1.03E+08	947
ENSG0000(	0.632843	2.338857	-1.5075	0.27252	0.37203	RP11-439A	chr1	+	1.21E+08	1.21E+08	3543
ENSG0000(	1.265686	1.309443	-0.02753	0.98518	0.99139	RP11-196G	chr1	-	1.5E+08	1.5E+08	3543
ENSG0000(	0.923144	0.297015	0.87478	0.61377	NA	CASK-AS1	chrX	+	41379289	41381589	515
ENSG0000(	0.653381	1.577319	-0.96236	0.53242	0.63355	AC011899.	chr7	+	1.58E+08	1.58E+08	4302
ENSG0000(	0.342542	0	0.4146	0.81455	NA	PHGR1	chr15	+	40643234	40648635	571
ENSG0000(	0.580602	1.043983	-0.50894	0.7638	NA	RP1-137K2	chr6	-	1.57E+08	1.57E+08	423
ENSG0000(	0.290301	1.073121	-0.88899	0.61676	NA	AC097523.	chr2	+	1.39E+08	1.39E+08	637
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	RP5-1069C	chr20	-	12845850	12933167	3033
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-398B	chr10	-	1403196	1403832	359
ENSG0000(	3.713929	454.3922	-6.8312	4.19E-45	8.37E-44	ERVH48-1	chr21	-	44336913	44345756	2790
ENSG0000(	0.36308	0	0.4146	0.81455	NA	EEF1A1P14	chr1	+	1.94E+08	1.94E+08	1376
ENSG0000(	1.265686	33.02341	-4.3625	4.60E-07	1.69E-06	AC046143.	chr3	+	1.94E+08	1.94E+08	2680
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	AC016700.	chr2	+	70316853	70323232	448
ENSG0000(	1.016461	0.297015	0.95157	0.5817	NA	TTLL7-IT1	chr1	-	84444801	84449983	2921
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP3-380B8	chr6	+	5851739	5870453	411
ENSG0000(	1.306762	0.357707	1.2513	0.45831	NA	RP11-40F8	chrX	-	22407432	23082236	718
ENSG0000(	4.326234	0	3.6698	0.010069	0.021158	RP1-140K8	chr6	+	3893360	3894524	451
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP5-930J4.	chr1	+	21059373	21060445	299
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	ZFY-AS1	chrY	-	2834885	2870667	500
ENSG0000(	1.027626	0.297015	0.84706	0.63368	NA	RP11-487E	chr1	-	21330043	21330427	385
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	AC005009.	chr7	-	86413542	86415986	687
ENSG0000(	0.870904	0.640152	0.30433	0.85869	NA	RP11-290F	chr20	-	48927248	48937879	2250
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CTA-714B7	chr22	-	35515817	35627049	648
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	RP11-440G	chr9	+	94188520	94189426	474
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	FTH1P6	chr2	+	52856881	52857216	320
ENSG0000(	1.265686	2.367995	-0.73259	0.57465	0.67168	AL672183.	chr1	+	2.49E+08	2.49E+08	463
ENSG0000(	0.653381	0	0.82678	0.64037	NA	XXyac-YX65	chr6	-	1.7E+08	1.7E+08	654
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-375C	chr9	-	82120719	82147257	1788
ENSG0000(	0.36308	2.725702	-2.246	0.13439	0.20735	AC073869.	chr2	-	1.32E+08	1.32E+08	3666
ENSG0000(	15.57169	0	5.5932	2.68E-06	9.18E-06	RP3-527F8	chrX	+	1.36E+08	1.36E+08	1721
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-520A	chr3	-	41012032	41013069	670
ENSG0000(	2.375464	195.1144	-6.2402	3.62E-30	4.64E-29	RP11-344E	chr17	+	20771746	20905589	3727
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-375A	chr1	-	77811731	77815270	377
ENSG0000(	6.690533	6.176483	0.10003	0.93729	0.95862	HOXB-AS3	chr17	+	46626992	46683776	743
ENSG0000(	1.048164	0	1.348	0.44949	NA	AC006042.	chr7	-	7997814	8009534	568
ENSG0000(	3.268698	0	2.9129	0.07831	0.13112	RP11-301L	chr4	+	1.87E+08	1.87E+08	1789
ENSG0000(	1.794048	0.715414	0.96816	0.55211	0.65153	RP4-533D7	chr1	+	46570622	46570847	226
ENSG0000(	0.36308	0	0.4146	0.81455	NA	FAM90A11	chr8	-	7869304	7874534	2218
ENSG0000(	6.640085	0	4.3153	0.00126	0.003076	LINC00702	chr10	-	4277752	4285981	446
ENSG0000(	7.821827	14.46369	-0.84883	0.15657	0.23552	CTAGE7P	chr10	+	1.32E+08	1.32E+08	2823
ENSG0000(	0.36308	1.727843	-1.5299	0.35924	0.46337	AC104451.	chr3	-	17747550	17747725	176
ENSG0000(	1035.571	740.637	0.48201	0.002386	0.005578	RP11-220I	chr9	+	37079893	37090398	4375
ENSG0000(	1.939605	0	2.4257	0.13778	0.21116	AC009492.	chr2	+	2.18E+08	2.18E+08	557
ENSG0000(	2.334388	0.715414	1.3854	0.33604	0.43971	RP11-537A	chr10	+	75141191	75143254	401
ENSG0000(	0.632843	0	0.81931	0.64303	NA	RP11-90C4	chr1	+	56289480	56333921	645

ENSG0000(	0.685084	0.715414	-0.02805	0.98738	NA	SYF2P2	chr9	+	35010700	35011282	583
ENSG0000(	0.290301	0.98329	-0.92952	0.59103	NA	UBE2E2-AS	chr3	-	23236561	23244069	499
ENSG0000(	0.72616	3.273608	-1.6823	0.26692	0.36562	RP4-655J1.	chr1	-	1.17E+08	1.17E+08	621
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	HMGA1P8	chr2	-	74645249	74645569	321
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	AC007390.	chr2	-	37421525	37421880	356
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-259F	chr10	-	70921286	70921662	377
ENSG0000(	8.539428	7.469813	0.1664	0.83756	0.88597	ADIRF-AS1	chr10	-	88725496	88729158	718
ENSG0000(	6.544162	5.089665	0.33832	0.71475	0.78863	RP11-863K	chr8	-	37604854	37605522	669
ENSG0000(	0.995923	1.309443	-0.3196	0.82529	0.87686	CTD-2020K	chr17	-	43315395	43319101	2003
ENSG0000(	0.342542	1.012429	-0.95691	0.57869	NA	RP11-88I18	chr9	-	71010609	71021416	2663
ENSG0000(	48.3867	20.48811	1.2242	0.000884	0.002213	RP11-421L	chr1	+	1.01E+08	1.02E+08	1531
ENSG0000(	0	2.307303	-2.6761	0.094365	0.15383	RP11-307I	chr9	-	4803788	4804972	1185
ENSG0000(	0.36308	1.073121	-0.87448	0.62195	NA	RP11-122F	chr10	-	86148926	86149382	457
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	AC006372.	chr7	+	1.57E+08	1.57E+08	292
ENSG0000(	0.342542	0	0.4146	0.81455	NA	GS1-304P7	chr1	-	1.87E+08	1.87E+08	677
ENSG0000(	3.370574	3.685559	-0.11083	0.92766	0.95202	RNF224	chr9	+	1.4E+08	1.4E+08	1503
ENSG0000(	2.302685	3.587607	-0.58692	0.56877	0.66611	AC006028.	chr7	+	2804242	2815134	544
ENSG0000(	1.722083	0.686276	0.99948	0.51521	0.61808	RP11-67L3	chr1	+	55353236	55354523	515
ENSG0000(	4.523219	2.635871	0.72284	0.45378	0.55921	AC108479.	chr2	+	88272175	88272601	427
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-216M	chr9	-	42363048	42367092	3200
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	KCNJ6-IT1	chr21	-	39089405	39091872	357
ENSG0000(	0.72616	0	0.85004	0.63064	NA	AP000472.	chr21	-	23381263	23470778	897
ENSG0000(	0.342542	0.640152	-0.50911	0.77219	NA	RP11-414C	chr1	-	58694354	58694675	322
ENSG0000(	0	1.949596	-2.4359	0.13595	0.20899	MROH3P	chr1	+	2.01E+08	2.01E+08	2625
ENSG0000(	0	1.903472	-2.1599	0.21236	NA	RP11-89N1	chr7	-	33908113	33913843	380
ENSG0000(	0.36308	1.340997	-1.3725	0.39447	NA	LINC00167	chr11	+	1.3E+08	1.3E+08	1419
ENSG0000(	0	11.87965	-5.1624	3.86E-05	0.000116	AC133785.	chr2	-	1.32E+08	1.32E+08	2824
ENSG0000(	31.14257	177.5725	-2.4919	1.44E-15	9.76E-15	AC113189.	chr17	-	7485282	7487390	679
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	HIST1H2AM	chr6	-	27860477	27860963	487
ENSG0000(	12.92467	22.94835	-0.81239	0.11562	0.18294	AC004987.	chr7	+	39872813	39874544	1731
ENSG0000(	0.36308	0	0.4146	0.81455	NA	LPCAT2BP	chr1	+	92531863	92533396	1534
ENSG0000(	64.77803	43.11272	0.58518	0.050941	0.090419	AC079807.	chr2	+	48132817	48134949	656
ENSG0000(	12.60446	14.21448	-0.18272	0.74017	0.80883	RP4-655C5	chr6	+	1.67E+08	1.67E+08	904
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	NPIPL1	chr16	-	28467693	28481868	1406
ENSG0000(	21.38455	10.23761	1.0093	0.10277	0.16514	LINC00472	chr6	-	72054047	72130472	2958
ENSG0000(	0.685084	0.357707	0.4822	0.78686	NA	RP11-220I	chr9	-	37112545	37115487	1314
ENSG0000(	0	1.309443	-1.6539	0.35008	NA	RP11-399F	chr9	-	43027748	43032877	783
ENSG0000(	4.532592	0	3.7077	0.009991	0.021012	RP11-415J	chr1	+	33815953	33828846	490
ENSG0000(	3.338871	2.713549	0.27836	0.82721	0.87829	GS1-257G1	chrX	+	14262325	14263544	1220
ENSG0000(	2.770247	2.309719	0.20928	0.86562	0.90644	RP3-339A1	chrX	-	53459670	53459979	218
ENSG0000(	1.794048	9.20652	-2.08	0.042731	0.077641	AC007743.	chr2	-	56400669	56412905	3075
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CRIP1P1	chr3	+	12715198	12715382	185
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RPL21P134	chrX	+	74604181	74604663	483
ENSG0000(	0	1.66715	-1.9695	0.25993	NA	RP11-445K	chr10	+	13457202	13465133	454
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	LINC00264	chr10	+	26878794	26883253	1085
ENSG0000(	2.86275	11.49281	-1.8809	0.015914	0.032072	AC006042.	chr7	+	8019943	8021859	1469
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	MICF	chr6	-	29820140	29820268	129
ENSG0000(	3.04001	0.98329	1.3686	0.28142	0.38241	HMGB1P31	chr2	+	54278471	54278897	427
ENSG0000(	8.66282	12.37982	-0.48963	0.5362	0.63725	SNRPEP4	chr19	-	5576671	5576949	279
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AC009238.	chr2	+	96100507	96100861	355
ENSG0000(	3473.358	4620.341	-0.41115	2.64E-05	8.07E-05	GPX1	chr3	-	49394609	49396033	1146
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RPS26P2	chr9	-	30831876	30832223	348
ENSG0000(	241.0933	58.24242	2.0487	4.91E-21	4.34E-20	CRYBG3	chr3	+	97540884	97594132	4261
ENSG0000(	0	2.278164	-2.6634	0.096176	0.1563	RP11-410M	chr20	+	31148895	31161690	469
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	FAM90A20	chr8	+	7152536	7155546	1395
ENSG0000(	0.342542	4.692283	-3.058	0.023315	0.045333	AC092159.	chr2	+	677186	697371	1943
ENSG0000(	3.371387	0.640152	1.969	0.13247	0.20492	RASA4DP	chr7	-	1.02E+08	1.02E+08	1199
ENSG0000(	1.660469	1.71569	-0.02935	0.98533	0.99146	XXYLT1-AS1	chr3	+	1.95E+08	1.95E+08	431
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	TRGV2	chr7	-	38402465	38403119	544
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	OSTN-AS1	chr3	-	1.91E+08	1.91E+08	515
ENSG0000(	0	5.865772	-4.1421	0.002314	0.005417	RP11-22C1	chr9	-	85358982	85359707	726
ENSG0000(	0.36308	0	0.4146	0.81455	NA	HMGA1P5	chr10	-	77036134	77036404	271
ENSG0000(	0.290301	0	0.4146	0.81455	NA	H2BFXP	chrX	+	1.03E+08	1.03E+08	364
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-482E	chr10	-	3529086	3545030	832
ENSG0000(	1.048164	0.654722	0.46381	0.77376	NA	MIPEPP3	chr13	+	21872398	21880512	444

ENSG0000(	0.290301	3.772101	-2.7045	0.063448	0.10951	USP32P2	chr17	-	18414535	18445234	4735
ENSG0000(	20.92294	27.94094	-0.40928	0.37754	0.48163	PFN1P1	chr1	-	1.72E+08	1.72E+08	423
ENSG0000(	1.555988	1.652581	-0.04926	0.97036	0.98357	RP1-12G14	chr6	-	1.5E+08	1.5E+08	340
ENSG0000(	0.342542	7.836384	-3.7479	0.003448	0.007878	RP4-799P1	chr1	-	2.34E+08	2.34E+08	1723
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RNFT1P2	chr1	-	78636165	78636921	757
ENSG0000(	1.233984	2.399549	-0.76257	0.56232	0.66064	RP11-464C	chr10	+	1.26E+08	1.26E+08	1491
ENSG0000(	5.404309	5.081544	0.081934	0.92681	0.9513	UBE2FP3	chr1	+	1.12E+08	1.12E+08	524
ENSG0000(	0	7.060278	-4.4114	0.00087	0.002181	TLR8-AS1	chrX	-	12920936	12926452	1349
ENSG0000(	1.068702	1.234181	-0.20066	0.8965	0.92827	AC018878.	chr2	+	1.07E+08	1.07E+08	433
ENSG0000(	0.705622	1.40169	-0.74151	0.63559	0.72395	RP11-25C1	chr10	-	1.14E+08	1.14E+08	358
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	ATP6V1G1I	chr10	+	35447234	35447568	335
ENSG0000(	0.975385	2.307303	-1.0223	0.44577	0.55121	ERP29P1	chr20	-	50726883	50727588	706
ENSG0000(	0.290301	0	0.4146	0.81455	NA	LINC00333	chr13	+	85136499	85137371	613
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	CHRM3-AS:	chr1	-	2.4E+08	2.4E+08	2431
ENSG0000(	1.733248	1.309443	0.30027	0.83923	0.88728	Z83844.1	chr22	-	38037839	38054384	1945
ENSG0000(	1.048164	0	1.348	0.44949	NA	AC006019.	chr7	-	1.54E+08	1.54E+08	3044
ENSG0000(	1.722083	0	2.21	0.18654	NA	RP11-307L	chr9	-	6415145	6449558	638
ENSG0000(	159.2424	275.0477	-0.78963	3.38E-06	1.14E-05	RP11-396K	chr7	+	72569033	72619657	2629
ENSG0000(	1.08924	0	1.1858	0.50299	NA	AC092664.	chr2	+	1.11E+08	1.11E+08	1126
ENSG0000(	0	2.947455	-3.0782	0.043573	0.078942	AK4P3	chr12	-	31768702	31769373	672
ENSG0000(	11.19321	28.28246	-1.3191	0.005542	0.01223	NKAPP1	chrX	-	1.19E+08	1.19E+08	4940
ENSG0000(	25.26034	9.41612	1.4067	0.005257	0.011663	RP11-100E	chr1	-	2.25E+08	2.25E+08	403
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-342D	chr10	-	33385185	33405600	552
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP4-569D1	chr22	-	35897908	35899633	1337
ENSG0000(	0	298.5265	-9.5666	1.58E-18	1.24E-17	AP000688.	chr21	+	37477179	37481988	2336
ENSG0000(	7.241225	16.71842	-1.178	0.04065	0.074408	RP11-458D	chr1	-	1.45E+08	1.45E+08	872
ENSG0000(	0.685084	0	0.85004	0.63064	NA	AC008063.	chr2	+	1.63E+08	1.63E+08	619
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	PRKAR1AP	chr1	+	92590858	92592019	1162
ENSG0000(	1.628766	4.305438	-1.2523	0.245	0.34082	RP11-296A	chr1	-	51716270	51717144	870
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-567C	chr1	-	50671756	50688799	250
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CNN2P5	chr9	+	66345261	66346161	901
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-101E	chr20	+	38660227	38672531	640
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC012065.	chr2	-	20806040	20806414	375
ENSG0000(	0.36308	13.29758	-4.4663	0.000261	0.000706	RP5-875O1	chr1	-	16860381	16862144	1548
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-163B	chr9	+	1.26E+08	1.26E+08	1264
ENSG0000(	23.62799	36.65863	-0.62158	0.1984	0.28668	EIF3FP3	chr2	+	58478575	58479703	1086
ENSG0000(	0.870904	0.297015	0.71032	0.69005	NA	RP1-212P9	chr1	-	29196995	29203848	1085
ENSG0000(	123.8651	0.343138	7.6033	1.97E-14	1.25E-13	HOTAIRM1	chr7	+	27135266	27139884	889
ENSG0000(	3.298608	2.65044	0.28771	0.77577	0.83899	RP11-403I:	chr1	-	1.49E+08	1.49E+08	537
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	RP11-63N8	chr1	+	21912965	21917680	821
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP1-296G1	chrX	-	1.2E+08	1.2E+08	1600
ENSG0000(	1.701545	0	2.2228	0.18134	NA	AGGF1P2	chr10	+	1.35E+08	1.35E+08	809
ENSG0000(	8.278224	10.66487	-0.35407	0.56574	0.66361	BTBD18	chr11	-	57510986	57519253	3044
ENSG0000(	4.221753	1.577319	1.2405	0.26571	0.36443	AC109829.	chr2	+	27760253	27790011	825
ENSG0000(	22.35391	7.45766	1.5371	0.005325	0.0118	STXBP5-AS:	chr6	-	1.47E+08	1.48E+08	2927
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP4-667H1	chr1	+	2.1E+08	2.1E+08	857
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-165D	chr13	-	49144775	49147453	413
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-336N	chr9	-	80765448	80766109	662
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RPL35AP31	chr13	+	72420113	72420449	337
ENSG0000(	23.34046	22.49182	0.063865	0.907	0.93608	RP11-295G	chr1	-	2.32E+08	2.32E+08	465
ENSG0000(	7.386782	1.888903	1.777	0.059748	0.10414	ST6GALNAC	chr13	-	20392261	20392759	499
ENSG0000(	1.286224	0.951736	0.33447	0.81756	0.87195	AC000094.	chr22	+	19245043	19246329	1287
ENSG0000(	4.00423	0	3.5416	0.014566	0.029576	RP11-218D	chr10	+	28288717	28338544	469
ENSG0000(	0.342542	2.482932	-2.1229	0.16608	0.24721	RP11-520H	chr1	-	1.59E+08	1.59E+08	663
ENSG0000(	197.5275	358.1495	-0.8586	8.46E-07	3.04E-06	EEF1A1P6	chr7	-	22550231	22551618	1386
ENSG0000(	0	7.089416	-4.3802	0.001154	0.002835	RP1-187B2	chr1	-	25971035	25985602	2224
ENSG0000(	6.129655	10.67058	-0.76177	0.30514	0.40673	CTD-2020K	chr17	-	43322553	43326203	579
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP3-467K1	chr1	-	15653176	15670372	3105
ENSG0000(	1.431782	2.261179	-0.55788	0.69601	0.77337	AC011322.	chr3	-	1.97E+08	1.97E+08	883
ENSG0000(	31.49529	0.654722	5.1166	3.82E-08	1.54E-07	RP11-181E	chr2	-	1.12E+08	1.12E+08	2044
ENSG0000(	0.923144	0	1.223	0.49292	NA	AC010091.	chr7	-	81205702	81255532	4571
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	RP5-984P4	chr20	+	21510840	21511382	449
ENSG0000(	10.63234	100.1017	-3.1822	2.72E-17	2.01E-16	TMEM238	chr19	-	55890613	55895966	1000
ENSG0000(	0.705622	0	0.8807	0.6196	NA	SYNJ2-IT1	chr6	+	1.58E+08	1.58E+08	599
ENSG0000(	0.923144	0	1.223	0.49292	NA	SRGAP2-AS	chr1	-	2.07E+08	2.07E+08	2178

ENSG0000(	1.576526	0	2.1197	0.20755	NA	AC104794.	chr2	+	10223908	10226228	312
ENSG0000(	2.894453	4.989297	-0.7123	0.4434	0.54902	ZNF197-AS	chr3	-	44658620	44666289	623
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP1-128O3	chr6	+	1.09E+08	1.09E+08	187
ENSG0000(	4.761279	0	3.7848	0.008117	0.01733	RP11-132N	chr6	-	85397069	85398465	495
ENSG0000(	1.919068	1.294874	0.48552	0.7005	0.77713	RP11-570P	chr1	-	44587825	44588184	360
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AL022344.	chr10	-	43169645	43187171	519
ENSG0000(	0.975385	0.357707	0.92752	0.59066	NA	AC005162.	chr7	+	29026644	29028515	578
ENSG0000(	8.381892	0	4.6707	0.000309	0.000826	RP5-1172A	chr22	-	27617310	27620688	637
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	PHBP5	chr7	-	72602009	72602776	768
ENSG0000(	1.939605	0.654722	1.2517	0.37851	0.48262	RANP8	chr13	-	21321174	21322196	713
ENSG0000(	34.13034	26.4607	0.36505	0.31106	0.41304	AC092295.	chr19	+	37063972	37085610	1033
ENSG0000(	10.88238	0	5.0746	4.14E-05	0.000124	LINC00460	chr13	+	1.07E+08	1.07E+08	739
ENSG0000(	0.36308	1.355566	-1.381	0.39134	NA	RP11-867G	chr11	+	94371204	94373999	712
ENSG0000(	1.919068	15.00428	-2.7567	0.001299	0.003166	AC017104.	chr2	+	2.32E+08	2.32E+08	568
ENSG0000(	0	6.595755	-4.3227	0.001173	0.00288	RP11-547D	chr1	-	1944652	1946969	1954
ENSG0000(	0.870904	1.029414	-0.12049	0.94512	NA	RP11-57H1	chr10	-	1.15E+08	1.15E+08	460
ENSG0000(	0.290301	0.700845	-0.56655	0.74739	NA	RP11-335H	chr9	-	16775571	16775843	273
ENSG0000(	2.157128	0.700845	1.3393	0.3486	0.45277	RP11-326F	chr9	+	33166973	33179981	843
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP3-486I3.	chr6	-	1.17E+08	1.17E+08	623
ENSG0000(	5.644162	2.482932	1.0482	0.29345	0.39548	AC016831.	chr7	+	1.31E+08	1.31E+08	1616
ENSG0000(	6.370321	14.66114	-1.1627	0.092336	0.15112	KRT8P39	chr12	+	69099414	69100846	1433
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-548N	chr1	+	1.83E+08	1.83E+08	684
ENSG0000(	0	1.40169	-1.7271	0.32809	NA	RP11-545D	chrX	-	34224842	34433654	526
ENSG0000(	0.290301	0	0.4146	0.81455	NA	CTA-929C8	chr22	+	27672201	27682310	274
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-778D	chr3	+	1.84E+08	1.84E+08	1057
ENSG0000(	0	3.884622	-3.5041	0.016263	0.032712	RP3-462D8	chr22	-	25675496	25679061	568
ENSG0000(	0.632843	0.715414	-0.08242	0.96193	NA	RP5-1022P	chr20	+	5529486	5530127	642
ENSG0000(	0.632843	1.355566	-0.81587	0.58613	0.68179	KRT8P15	chr2	-	2.04E+08	2.04E+08	1451
ENSG0000(	1.027626	0.343138	0.83995	0.63621	NA	AC069155.	chr2	+	2.17E+08	2.17E+08	575
ENSG0000(	0.290301	1.188058	-1.0232	0.56351	NA	AC115617.	chrX	-	48634408	48635385	978
ENSG0000(	1.555988	1.684135	-0.06625	0.96076	0.97663	CYP51P2	chr13	-	29296523	29298158	1499
ENSG0000(	2.334388	6.884648	-1.4337	0.13325	0.20585	RP4-694A7	chr1	+	68944812	68949222	960
ENSG0000(	15.52026	28.58592	-0.88182	0.052322	0.092541	RP4-665J2.	chr1	-	91295104	91317207	2986
ENSG0000(	0.290301	0	0.4146	0.81455	NA	BTF3P5	chr2	-	55662292	55662758	467
ENSG0000(	1.048164	0.343138	0.98412	0.56751	NA	RP11-343B	chr3	-	1.42E+08	1.42E+08	576
ENSG0000(	6.794201	1.684135	1.8636	0.056496	0.099014	ERI3-IT1	chr1	-	44709080	44709945	619
ENSG0000(	3.060548	1.058552	1.3261	0.29693	0.39898	JTBP1	chr22	+	41194043	41194289	247
ENSG0000(	257.6182	128.4021	0.99672	4.53E-06	1.51E-05	TWIST2	chr2	+	2.4E+08	2.4E+08	1176
ENSG0000(	0.290301	1.355566	-1.3811	0.39332	NA	RP11-62H7	chr8	+	8818710	8836535	722
ENSG0000(	0.36308	0	0.4146	0.81455	NA	LINC00462	chr13	-	49151110	49152224	962
ENSG0000(	0.580602	1.355566	-0.83684	0.59462	0.68907	AC079135.	chr2	+	2.37E+08	2.37E+08	768
ENSG0000(	15.53143	23.54567	-0.59602	0.29106	0.39282	DCUN1D2-.	chr13	+	1.14E+08	1.14E+08	330
ENSG0000(	122.1777	12.49308	3.2551	3.21E-22	2.97E-21	RP11-422J	chr1	-	37920480	37940012	1395
ENSG0000(	20.69507	28.04366	-0.42631	0.45225	0.55769	CYP2T2P	chr19	-	41314430	41317295	1285
ENSG0000(	3.548647	2.618886	0.35211	0.7868	0.84755	PGAM1P11	chr1	+	10118729	10119706	680
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-565J	chr1	+	2.12E+08	2.12E+08	386
ENSG0000(	2.873915	4.570898	-0.59661	0.56749	0.66499	RP11-457N	chr6	-	26634611	26637008	530
ENSG0000(	1.701545	0.297015	1.6662	0.28961	0.39113	AC037445.	chr17	-	61271291	61416414	491
ENSG0000(	61.56981	0	7.4806	1.59E-11	8.32E-11	AC018730.	chr2	-	1.05E+08	1.05E+08	747
ENSG0000(	0.342542	0	0.4146	0.81455	NA	KRTAP13-5	chr21	-	31808784	31809282	499
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP11-491H	chr10	-	63541503	63581004	510
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	ARHGEF7-I	chr13	+	1.12E+08	1.12E+08	804
ENSG0000(	0.290301	0	0.4146	0.81455	NA	OR52T1P	chr11	-	5587908	5588846	939
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-8J9.1	chr1	-	47131582	47132047	466
ENSG0000(	0.705622	0	0.8807	0.6196	NA	AC010095.	chr2	-	1.09E+08	1.09E+08	144
ENSG0000(	8.661842	3.169208	1.334	0.11544	0.18272	AC093388.	chr2	+	1.91E+08	1.91E+08	404
ENSG0000(	2.116866	1.029414	0.76014	0.62927	0.7189	RP11-571F	chr9	-	34223982	34224626	645
ENSG0000(	0.36308	0	0.4146	0.81455	NA	PIRT	chr17	-	10726858	10741762	1794
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC083899.	chr2	-	87448236	87449611	1376
ENSG0000(	3.444166	6.390987	-0.84978	0.34122	0.44511	RNASEH2B-	chr13	-	51450822	51484848	794
ENSG0000(	1.016461	1.652581	-0.58182	0.67755	0.75844	ANAPC1P1	chr2	+	87098424	87149816	2149
ENSG0000(	3.257533	1.652581	0.87808	0.42641	0.53178	RP11-184I	chr1	+	44209142	44209412	271
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	DDX39BP1	chr6	+	29874320	29874686	192
ENSG0000(	0	7.881765	-4.4629	0.001227	0.003	HNRNPA1P	chrX	-	1E+08	1E+08	955
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	CEACAMP1	chr19	-	43124364	43137186	1035

ENSG0000(	9.364858	0.640152	3.2015	0.013758	0.028096	RP11-13P5	chr6	+	1.6E+08	1.6E+08	385
ENSG0000(	0	1.294874	-1.8547	0.27869	NA	RP5-1106I	chr7	-	1.01E+08	1.01E+08	213
ENSG0000(	0.995923	0.357707	1.0227	0.53712	NA	AC079779.	chr2	+	317912	342118	853
ENSG0000(	8.766323	2.232041	1.8109	0.039622	0.072785	EBAG9P1	chr10	-	1.01E+08	1.01E+08	543
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-312J	chr1	+	1.61E+08	1.61E+08	590
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	RP11-506C	chr1	-	1.65E+08	1.65E+08	1963
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	AC007365.	chr2	+	64834109	64843616	1722
ENSG0000(	10.05173	2.589748	1.8398	0.0223	0.043554	GAS6-AS1	chr13	+	1.15E+08	1.15E+08	773
ENSG0000(	0.653381	0	0.82678	0.64037	NA	SLC26A4-A	chr7	-	1.07E+08	1.07E+08	3687
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	RP11-342M	chr1	-	43352268	43354438	1962
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP4-801G2	chr1	-	1.58E+08	1.58E+08	552
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	AC012506.	chr2	+	23570525	23574735	892
ENSG0000(	2.157128	0	2.543	0.11988	0.18865	RP4-798P1	chr1	-	1.78E+08	1.78E+08	811
ENSG0000(	0.36308	0.700845	-0.575	0.7429	NA	AC074367.	chr2	-	63459588	63460712	1125
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	RP11-68I18	chr1	-	1.51E+08	1.51E+08	171
ENSG0000(	0	55.91168	-7.3724	2.45E-11	1.27E-10	MYCNOS	chr2	-	16061159	16082371	1313
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-205K	chr9	+	1.29E+08	1.29E+08	719
ENSG0000(	1.971308	11.6773	-2.4111	0.003752	0.008511	AC007092.	chr2	+	58654934	59290901	4077
ENSG0000(	1.286224	0.357707	1.3361	0.4083	NA	LINC00284	chr13	+	44482850	44604597	3208
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC016909.	chr2	+	1.34E+08	1.34E+08	1711
ENSG0000(	0.72616	0.357707	0.52227	0.76959	NA	H2AFZP6	chr22	-	31917185	31917578	394
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-573M	chr11	-	92954652	92954796	145
ENSG0000(	0.342542	1.234181	-1.1862	0.48567	NA	RP11-219F	chr2	+	24557381	24558021	317
ENSG0000(	2.023549	8.766231	-1.9003	0.080658	0.13449	RP11-34P1	chr1	+	131025	134836	3812
ENSG0000(	0	2.757256	-2.912	0.06391	0.11024	AP001628.	chr21	-	44201184	44202343	788
ENSG0000(	29.2261	47.52752	-0.70123	0.066608	0.11415	AC092835.	chr2	+	95873283	95881351	1096
ENSG0000(	31.09033	52.09681	-0.74058	0.04371	0.079155	AC007969.	chr2	-	1.72E+08	1.72E+08	484
ENSG0000(	1.027626	0.297015	0.84706	0.63368	NA	RP11-154P	chr9	+	70662044	70663084	635
ENSG0000(	0.995923	1.71569	-0.58282	0.70597	0.78152	AC098617.	chr2	+	1.93E+08	1.93E+08	1207
ENSG0000(	0.580602	2.010288	-1.3122	0.37946	0.48352	CICP5	chr1	+	2.24E+08	2.24E+08	2215
ENSG0000(	0.290301	0.654722	-0.51764	0.76892	NA	RP4-811H2	chr1	-	32814795	32816264	687
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-384P	chr9	-	33732973	33738414	486
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-777J	chr8	-	93156316	93156663	348
ENSG0000(	4.180677	7.290152	-0.75532	0.37919	0.48329	AP001442.	chr21	+	27306401	27315001	1573
ENSG0000(	0	1.949596	-2.4359	0.13595	0.20899	RP13-314C	chrX	-	23791109	23801073	672
ENSG0000(	9.781971	1.964165	2.1495	0.017647	0.035247	AC139887.	chr4	-	758275	758862	286
ENSG0000(	0	2.012704	-2.1825	0.20921	0.29918	RP11-295G	chr9	+	1.36E+08	1.36E+08	526
ENSG0000(	5.496812	2.65044	0.96777	0.33292	0.43626	AC131097.	chr2	+	2.43E+08	2.43E+08	843
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	AC139426.	chr15	-	32694108	32695493	1386
ENSG0000(	4.959078	0	3.881	0.005376	0.011902	RP11-168K	chr9	+	1.16E+08	1.16E+08	3043
ENSG0000(	7.064778	0	4.4056	0.000893	0.002233	AP000695.	chr21	+	37818029	37904706	715
ENSG0000(	1.359003	5.361573	-1.8042	0.086697	0.14318	RP11-535M	chr9	+	99488172	99489751	1262
ENSG0000(	4.729577	0	3.7782	0.008226	0.017546	ENOX1-AS1	chr13	+	44118054	44122192	3907
ENSG0000(	15.44406	11.88448	0.3747	0.51813	0.62088	HIST1H2BM	chr6	+	27806323	27819974	707
ENSG0000(	1.503747	1.326428	0.16417	0.91287	0.94047	RP11-135A	chr10	+	32635427	32636107	383
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC008394.	chr5	-	86512423	86534822	1936
ENSG0000(	21.30835	23.25993	-0.12029	0.77929	0.8416	AC073150.	chr7	-	27497782	27498468	687
ENSG0000(	0	64.41903	-7.5687	5.34E-12	2.88E-11	AC005083.	chr7	+	20257200	20261323	740
ENSG0000(	0	76.70017	-7.745	5.32E-12	2.87E-11	RP11-255H	chr19	+	23945746	24016116	1931
ENSG0000(	0.342542	0.654722	-0.52406	0.76557	NA	EIF3LP2	chr10	+	43062125	43062931	807
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	DPH3P1	chr20	+	61476490	61477543	1054
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CYCSP48	chrY	+	28546758	28547377	323
ENSG0000(	0.653381	0.700845	-0.04855	0.97667	NA	KCNQ5-IT1	chr6	+	73340223	73388282	563
ENSG0000(	3.484428	1.995719	0.71412	0.54845	0.6485	AC093732.	chr2	-	47262418	47267663	504
ENSG0000(	0.632843	1.012429	-0.45981	0.7761	NA	RP11-307L	chr9	+	6278667	6279153	487
ENSG0000(	1.161205	0.343138	0.97766	0.58067	NA	AC104113.	chr5	+	60213317	60215400	408
ENSG0000(	0.580602	0.594029	-0.01451	0.9935	NA	RP3-348I23	chr6	-	20756334	20800925	614
ENSG0000(	0.72616	0.297015	0.51367	0.77334	NA	LATS2-AS1	chr13	+	21579296	21592261	632
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	AC005304.	chr17	-	13836037	13843911	405
ENSG0000(	0.685084	0.686276	-0.00148	0.99933	NA	POU6F2-AS	chr7	-	39023843	39053151	514
ENSG0000(	17.543	0.357707	4.9263	1.54E-05	4.84E-05	AC026904.	chr8	+	49502961	49507181	3549
ENSG0000(	1.265686	3.388545	-1.1545	0.4046	0.50945	ADH5P4	chr6	-	66546823	66547947	1110
ENSG0000(	0.705622	0.640152	0.062329	0.97007	NA	RP11-359D	chr4	-	77678113	77679627	555
ENSG0000(	0.342542	0.594029	-0.38792	0.8278	NA	AC016907.	chr2	-	30273932	30366670	3563
ENSG0000(	377.3026	429.5295	-0.18696	0.25962	0.35755	TTTY15	chrY	+	14774265	14804162	5284

ENSG0000(	0	1.370136	-1.6825	0.34201	NA	AC009302.	chr2	+	2.23E+08	2.23E+08	390
ENSG0000(	8.434946	17.78181	-1.0617	0.067779	0.11587	DLG5-AS1	chr10	+	79687130	79689582	487
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	RP11-182I	chr1	+	65407662	65408048	387
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	AC073133.	chr7	-	1.56E+08	1.56E+08	2698
ENSG0000(	8.577898	2.725702	1.5445	0.10026	0.16181	YEATS2-AS1	chr3	-	1.84E+08	1.84E+08	1868
ENSG0000(	0.580602	0	0.8036	0.6494	NA	AC009960.	chr2	+	2.03E+08	2.03E+08	677
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC007131.	chr2	-	59465851	59960531	765
ENSG0000(	5.342695	6.921908	-0.3622	0.64624	0.7328	PAIP1P1	chr6	-	30154575	30156391	1203
ENSG0000(	0.943682	0.594029	0.4146	0.80719	NA	EZR-AS1	chr6	+	1.59E+08	1.59E+08	217
ENSG0000(	23.34984	2.575179	3.0328	1.20E-05	3.81E-05	RP1-122P2	chr20	+	19738352	19790319	677
ENSG0000(	0	2.474811	-2.4918	0.14342	0.21836	RP4-684O2	chr20	+	1927892	1988163	1802
ENSG0000(	7.572602	7.011738	0.10788	0.89755	0.9289	RP4-742C1	chr22	-	39532704	39537189	2364
ENSG0000(	89.47554	76.43302	0.22337	0.32987	0.43294	RP11-65J3.	chr9	+	1.32E+08	1.32E+08	901
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	XXbac-BPG	chr6	-	31430505	31431113	609
ENSG0000(	5.652721	9.997996	-0.75789	0.34028	0.44421	Z83851.4	chr22	+	42672361	42673057	544
ENSG0000(	1.576526	2.07098	-0.29963	0.81276	0.86839	RP11-315I	chr9	-	23671786	23672397	237
ENSG0000(	2.572449	1.744828	0.51329	0.67689	0.75806	AC026202.	chr3	-	5198590	5229014	672
ENSG0000(	37.98722	36.73705	0.056432	0.87941	0.91609	CTC-575D1	chr5	+	1.68E+08	1.68E+08	743
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-298P	chr8	-	87672753	87674150	900
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	ZDHHC20P	chr6	-	29675902	29676324	423
ENSG0000(	0	5.330019	-3.9315	0.00554	0.012228	AL133493.	chr21	+	47013568	47017005	821
ENSG0000(	0.653381	2.979009	-1.8133	0.17036	0.25253	AL160471.	chr14	-	55471531	55472405	875
ENSG0000(	0.342542	2.370411	-2.0419	0.18569	0.27132	RP11-154D	chr9	+	84304628	84391815	1449
ENSG0000(	3584.031	7209.968	-1.0072	5.45E-18	4.18E-17	RPS28	chr19	+	8386042	8388224	1523
ENSG0000(	0.36308	8.294459	-3.8726	0.001838	0.004374	RP11-305F	chrX	+	33744625	33960397	495
ENSG0000(	1.338465	2.794516	-0.90921	0.49192	0.59588	MT1XP1	chr1	-	16567708	16567893	186
ENSG0000(	0	2.529055	-2.8037	0.077578	0.13005	RP13-25N2	chr11	+	1592583	1620414	2265
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-399H	chr9	-	1.38E+08	1.38E+08	886
ENSG0000(	29.73132	60.80403	-1.0197	0.007681	0.016483	CTC-338M1	chr5	+	1.81E+08	1.81E+08	1000
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-336N	chr9	+	80793179	80794428	1250
ENSG0000(	2.407167	0	2.7149	0.089055	0.14641	FTLP15	chr7	-	46037139	46037670	532
ENSG0000(	2.426891	5.926464	-1.1337	0.26348	0.36165	AC009970.	chr2	+	60722821	60727099	432
ENSG0000(	11.65817	30.6375	-1.3541	0.013426	0.027497	RP11-169K	chr1	-	16133679	16134194	516
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AHCYP3	chr2	-	1.05E+08	1.05E+08	1279
ENSG0000(	0.653381	4.395268	-2.333	0.060437	0.10504	BTF3P6	chr21	-	34890917	34891415	499
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-153N	chr7	-	52232931	52260609	738
ENSG0000(	33.88192	35.19383	-0.05978	0.87188	0.91041	RP11-87H9	chr9	+	69065655	69084989	457
ENSG0000(	22.34535	36.45386	-0.6966	0.058714	0.10251	UBE2SP1	chr17	-	15607546	15608214	669
ENSG0000(	16.78595	10.46984	0.66301	0.28598	0.38747	RP11-250B	chr6	+	81153061	81175644	682
ENSG0000(	1.048164	0	1.348	0.44949	NA	RP11-354E	chr10	-	19999257	20017479	1404
ENSG0000(	55.82133	93.06195	-0.72693	0.12543	0.19591	RP11-823P	chr5	-	21481436	21484120	2685
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-288L	chr1	-	27986839	27989233	441
ENSG0000(	1.317927	0	1.6383	0.35541	NA	AC016735.	chr2	-	43268332	43270921	569
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC002553.	chr17	+	15987356	15987695	340
ENSG0000(	0	1.638012	-2.1885	0.18912	NA	FDPSP2	chr7	-	76099479	76100375	897
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP3-380E1	chr6	+	14005151	14007132	386
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RPSAP14	chrX	+	73251297	73251655	359
ENSG0000(	0.995923	0	1.4959	0.39264	NA	RP11-297H	chr1	+	1.7E+08	1.7E+08	760
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC106706.	chr3	+	1.94E+08	1.94E+08	556
ENSG0000(	0.943682	1.698704	-0.65551	0.63964	0.72707	RP11-401E	chr10	-	7875581	7875920	340
ENSG0000(	57.2232	2.740271	4.2831	3.32E-12	1.82E-11	AC116050.	chr2	+	91777536	91809447	1804
ENSG0000(	1.503747	1.294874	0.19893	0.88715	0.9212	RP11-379J	chr20	-	18655039	18679353	1695
ENSG0000(	1.939605	0.997859	0.81425	0.53422	0.63511	GDI2P2	chr1	+	72740235	72740842	608
ENSG0000(	0.36308	0.654722	-0.52647	0.7643	NA	SETP5	chr9	-	1.41E+08	1.41E+08	562
ENSG0000(	0	3.945314	-3.5337	0.014733	0.029886	CTD-3105H	chr19	+	12617063	12618844	621
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-543B	chr1	+	2.11E+08	2.11E+08	375
ENSG0000(	0.36308	1.903472	-1.6912	0.30152	0.40282	GAPDHP22	chr13	-	99842833	99843245	413
ENSG0000(	1.524285	1.730259	-0.11166	0.93998	0.96067	DDX39B-AS	chr6	+	31510081	31510915	516
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	PPP1R2P2	chr21	+	37259365	37260724	1360
ENSG0000(	7.696808	38.09671	-2.2439	2.89E-06	9.88E-06	AL049757.	chr22	-	43172412	43173302	891
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-214N	chr10	-	1.14E+08	1.14E+08	241
ENSG0000(	0.342542	1.430828	-1.1489	0.51399	NA	RP11-236P	chrX	-	53122892	53124040	615
ENSG0000(	0.975385	0	1.2767	0.47406	NA	RP11-257K	chr6	-	73867240	73867862	623
ENSG0000(	0	7.893045	-4.5831	0.000443	0.00116	RP11-310E	chr10	-	96988000	96990901	663
ENSG0000(	11.49468	24.59448	-1.0789	0.023863	0.046265	AC062029.	chr2	+	88927057	88931337	1614

ENSG0000(	0	0.297015	-0.41864	0.81278	NA	TMEM97P1	chr21	+	45203004	45203454	451
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RPS3AP44	chr13	+	27151023	27151812	790
ENSG0000(	2.624689	0.343138	2.2555	0.12454	0.19474	RP11-123J	chr4	-	77880013	77880322	310
ENSG0000(	1.576526	0.297015	1.5836	0.31987	NA	AC123768.	chr15	+	32885854	32886380	525
ENSG0000(	4.314256	1.964165	1.0095	0.38684	0.49106	RP11-254B	chr12	-	69020650	69020967	318
ENSG0000(	0.36308	0.594029	-0.39069	0.82661	NA	RP11-345I	chr1	+	1.79E+08	1.79E+08	171
ENSG0000(	0	2.232041	-2.63	0.10215	0.16421	RP11-452D	chr9	+	68298799	68299489	691
ENSG0000(	0.653381	0.654722	-0.00313	0.9985	NA	RP11-56M	chr10	-	92912362	92913106	745
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	LL0XNC01-	chrX	-	1.02E+08	1.02E+08	628
ENSG0000(	1.016461	0.297015	0.95157	0.5817	NA	RP11-247A	chr9	+	1.32E+08	1.32E+08	241
ENSG0000(	18.46614	21.16223	-0.19452	0.65628	0.74103	RP11-308D	chrX	+	1.36E+08	1.36E+08	2222
ENSG0000(	0.290301	0.891044	-0.7342	0.68015	NA	MTND4P26	chr2	+	1.21E+08	1.21E+08	1359
ENSG0000(	0	1.073121	-1.1788	0.50551	NA	TAS2R62P	chr7	+	1.43E+08	1.43E+08	940
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	PAGE2	chrX	+	55115441	55119275	551
ENSG0000(	154.2476	276.2721	-0.83777	4.13E-07	1.53E-06	AC074117.	chr2	+	27579113	27590489	3060
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC011816.	chr3	-	36921675	36922220	546
ENSG0000(	0.632843	0	0.81931	0.64303	NA	TPRG1-AS1	chr3	-	1.89E+08	1.89E+08	697
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-183G	chr1	+	50791803	50792682	877
ENSG0000(	14.32735	4.585467	1.5597	0.027474	0.052537	RP3-388E2	chr6	+	1.36E+08	1.36E+08	577
ENSG0000(	3.132513	2.482932	0.28849	0.80047	0.85871	AL391994.	chr1	-	2.35E+08	2.35E+08	375
ENSG0000(	4.056471	0.594029	2.2244	0.090519	0.14847	RP11-353N	chr10	+	13771383	13798200	474
ENSG0000(	0.632843	0	0.81931	0.64303	NA	RP11-269F	chr1	-	45245998	45246387	390
ENSG0000(	0.653381	2.117104	-1.2727	0.40015	0.50481	RP11-288E	chr11	+	93268634	93268982	349
ENSG0000(	0.342542	0.654722	-0.52406	0.76557	NA	RP11-145A	chr1	+	2.26E+08	2.26E+08	301
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RPL13AP6	chr10	-	1.13E+08	1.13E+08	612
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	AF228730.	chr8	-	6969836	6971250	183
ENSG0000(	0	2.514486	-2.5628	0.12928	0.20079	RHBDF1P1	chr3	-	14614359	14616299	1941
ENSG0000(	900.9257	1390.107	-0.62218	0.017524	0.035029	TRIM26	chr6	-	30152232	30181204	3478
ENSG0000(	4.335607	6.627309	-0.5804	0.49986	0.60355	RP11-120D	chrX	-	10988011	11129234	1071
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP13-88F2	chrX	-	92477219	92480014	2796
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	RP11-168C	chr1	+	2.01E+08	2.01E+08	508
ENSG0000(	2.468781	0.594029	1.4177	0.37656	0.48058	AC005154.	chr7	-	30586782	30590397	353
ENSG0000(	2.282147	4.259314	-0.82119	0.41168	0.51652	RP11-383C	chr10	-	1.27E+08	1.27E+08	300
ENSG0000(	0.975385	2.024857	-0.81092	0.58247	0.67863	AC055764.	chr3	-	1.98E+08	1.98E+08	473
ENSG0000(	0.342542	0.640152	-0.50911	0.77219	NA	AC009473.	chr7	-	7989484	7990340	692
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP5-1044H	chr1	-	65764438	65764663	226
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP3-460G2	chr6	-	1.41E+08	1.41E+08	453
ENSG0000(	0.685084	0.343138	0.48017	0.78775	NA	RP11-77G2	chr10	-	76762813	76784932	189
ENSG0000(	10.59126	0	5.0119	7.00E-05	0.000203	RP11-30P6	chr6	-	86096937	86099904	2513
ENSG0000(	0	2.041842	-2.4837	0.12741	0.19837	RBPMSLP	chr21	-	17116323	17117399	502
ENSG0000(	31.60255	93.26391	-1.5451	9.74E-06	3.13E-05	RP11-613N	chr9	+	37509147	37510296	289
ENSG0000(	0.342542	0.686276	-0.48412	0.78604	NA	PABPC5-AS	chrX	-	90669877	90689998	426
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	AC009505.	chr2	-	1.07E+08	1.07E+08	424
ENSG0000(	0	9.811086	-4.9232	9.03E-05	0.000259	AC114877.	chr3	+	26753798	26754855	582
ENSG0000(	0.36308	1.280305	-1.2352	0.46421	NA	TCEB2P4	chr10	-	34777511	34777806	296
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-446F	chr10	-	2488447	2489546	764
ENSG0000(	71.04632	232.1905	-1.7067	6.69E-14	4.08E-13	AC108488.	chr2	+	3606082	3609324	1207
ENSG0000(	1.411244	0.357707	1.3172	0.43349	NA	AC016683.	chr2	-	1.14E+08	1.14E+08	583
ENSG0000(	0.975385	0.654722	0.40949	0.80016	NA	RP11-730A	chr10	-	13181196	13181533	338
ENSG0000(	0.290301	0.686276	-0.47648	0.78935	NA	HSPA8P1	chrX	-	1.2E+08	1.2E+08	1833
ENSG0000(	4.918815	0.343138	2.8746	0.055983	0.098178	AC068057.	chr2	-	1.05E+08	1.05E+08	2434
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-182N	chr9	+	35096375	35098138	425
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	AC004854.	chr7	+	44888015	44889167	281
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP5-887A1	chr1	+	81001440	81112473	591
ENSG0000(	2.749709	2.932886	-0.1095	0.91782	0.94451	RP5-1132H	chr7	-	65584590	65629998	404
ENSG0000(	3.019472	1.372552	0.93879	0.49417	0.59803	AC097461.	chr2	-	2.24E+08	2.24E+08	537
ENSG0000(	4.782631	2.872193	0.64402	0.51098	0.61415	ETV5-AS1	chr3	+	1.86E+08	1.86E+08	560
ENSG0000(	6.462824	1.935026	1.5958	0.091283	0.14956	AC092431.	chr2	+	69871557	70008692	905
ENSG0000(	1.597063	0	1.9181	0.27352	NA	RP5-1050D	chr17	+	4876146	4877976	439
ENSG0000(	9.161106	5.987157	0.5794	0.41437	0.51934	RP1-67A8.3	chr6	-	1.08E+08	1.08E+08	338
ENSG0000(	0.342542	0.594029	-0.38792	0.8278	NA	CTA-256D1	chr22	-	29909878	29931379	289
ENSG0000(	0.290301	0.686276	-0.47648	0.78935	NA	AC006372.	chr7	+	1.57E+08	1.57E+08	4049
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP5-942I1(	chr7	-	69060944	69062434	691
ENSG0000(	1.866827	3.025133	-0.58182	0.61149	0.70383	RP11-454L	chr1	+	2.08E+08	2.08E+08	680
ENSG0000(	18.06101	9.081103	0.9496	0.097655	0.15828	RP11-315I	chr1	-	1.45E+08	1.46E+08	919

ENSG0000(	1.669842	0	1.9671	0.26049	NA	AC003988.	chr7	-	79875725	79941772	578
ENSG0000(	0	5.378559	-3.9943	0.003901	0.008826	TMEM229A	chr7	-	1.24E+08	1.24E+08	2551
ENSG0000(	0.705622	3.008147	-1.7793	0.17807	0.26185	RP4-704D2	chr1	-	1.46E+08	1.46E+08	727
ENSG0000(	0.72616	0	0.85004	0.63064	NA	NCLP2	chrX	-	1.34E+08	1.34E+08	1462
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-308N	chr9	+	1.09E+08	1.09E+08	2054
ENSG0000(	0.632843	0	0.81931	0.64303	NA	ZFX-AS1	chrX	-	24164342	24167771	417
ENSG0000(	59.20225	16.46183	1.8392	6.64E-07	2.41E-06	AC093616.	chr2	+	88000503	88038766	2095
ENSG0000(	0	8.576905	-4.7259	0.000215	0.000587	RP11-353N	chr1	-	1.5E+08	1.5E+08	537
ENSG0000(	0.923144	0.686276	0.30412	0.8576	NA	KCNH1-IT1	chr1	-	2.11E+08	2.11E+08	626
ENSG0000(	0.580602	0.357707	0.37639	0.83285	NA	BOK-AS1	chr2	-	2.42E+08	2.42E+08	643
ENSG0000(	1.411244	0.997859	0.37465	0.79551	0.85505	AL162431.	chr1	+	1.81E+08	1.81E+08	168
ENSG0000(	1.08924	1.744828	-0.50318	0.75322	0.81994	RP4-775C1	chr20	+	6194346	6196028	1683
ENSG0000(	2.468781	0	2.4376	0.15593	0.23467	RP11-100E	chr1	-	2.25E+08	2.25E+08	714
ENSG0000(	5.90276	2.087966	1.3887	0.17794	0.2617	AC007308.	chr22	+	21077335	21080208	2400
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC012370.	chr2	-	65669189	65683705	1320
ENSG0000(	0.943682	0	1.2438	0.48556	NA	SOD2P1	chr1	-	1.04E+08	1.04E+08	562
ENSG0000(	0	51.51642	-7.263	5.28E-11	2.67E-10	RP11-146I	chr6	-	14977019	15090234	1017
ENSG0000(	4.316861	0	3.529	0.019234	0.038105	RP3-325F2	chr6	+	1.37E+08	1.37E+08	505
ENSG0000(	5.084097	1.029414	1.9796	0.11304	0.17935	RP4-694A7	chr1	+	68962359	69004310	1247
ENSG0000(	1.919068	1.280305	0.48275	0.71538	0.78909	AP000936.	chr11	-	1.17E+08	1.17E+08	255
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RPL36P20	chr3	+	41996937	41997255	319
ENSG0000(	1.628766	0.715414	0.93656	0.53818	0.63889	RP1-138B7	chr20	-	42151901	42152212	312
ENSG0000(	0.995923	0.640152	0.45774	0.76749	NA	AC079790.	chr2	+	1.53E+08	1.53E+08	291
ENSG0000(	0.290301	9.012289	-4.0114	0.001191	0.002919	AC073071.	chr7	-	1.09E+08	1.09E+08	388
ENSG0000(	1.016461	0.640152	0.45247	0.77949	NA	COX7BP2	chr20	-	34438596	34438837	242
ENSG0000(	7.790938	6.566617	0.2201	0.76172	0.82702	AC007970.	chr2	+	2.11E+08	2.11E+08	864
ENSG0000(	0.632843	0.891044	-0.33035	0.84668	NA	RP11-495P	chr1	-	1.48E+08	1.48E+08	420
ENSG0000(	31.75487	59.84565	-0.9029	0.010941	0.022797	ZNF879	chr5	+	1.78E+08	1.78E+08	3304
ENSG0000(	0	1.713273	-2.2094	0.18675	NA	AC006026.	chr7	-	23719814	23720405	143
ENSG0000(	12.7492	30.00051	-1.2023	0.011998	0.024805	RP11-761N	chr3	+	40803036	40803290	255
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	OR1AA1P	chrX	+	1.31E+08	1.31E+08	916
ENSG0000(	0.342542	0.937167	-0.89746	0.60352	NA	H2BFS	chr21	+	44985070	44985529	460
ENSG0000(	3.693391	2.443257	0.53489	0.65186	0.7372	AC116366.	chr5	-	1.32E+08	1.32E+08	3730
ENSG0000(	0.870904	0.715414	0.19229	0.91324	NA	RP11-213H	chr5	-	90575914	90576959	1046
ENSG0000(	0.36308	0	0.4146	0.81455	NA	BACH1-IT3	chr21	+	30868367	30872706	406
ENSG0000(	1.431782	3.901607	-1.284	0.30058	0.40208	RP11-54D1	chr9	+	15055055	15056050	996
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	TCEB3CL	chr18	-	44548658	44550534	1877
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	CDK2AP2P	chr9	+	45363481	45363852	372
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-271F	chr10	-	10407143	10408450	335
ENSG0000(	2.572449	0.343138	2.2282	0.13135	0.20345	RP11-432J	chr10	-	1.34E+08	1.34E+08	1013
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RPS12P2	chr10	-	81975607	81975875	269
ENSG0000(	4.81352	0	3.8023	0.007644	0.016416	RP11-381C	chr9	+	66954107	66954749	643
ENSG0000(	2.903826	1.949596	0.49478	0.68657	0.76619	ST13P18	chrX	-	92542732	92543758	1027
ENSG0000(	6.669996	2.428687	1.3576	0.16828	0.24991	RP11-308N	chr9	+	1.09E+08	1.09E+08	1686
ENSG0000(	5.145711	2.307303	1.0415	0.2985	0.40035	RPL9P2	chr17	+	15346953	15347505	553
ENSG0000(	20.7782	26.78356	-0.35727	0.39694	0.50145	AC012146.	chr17	+	5014763	5018299	1646
ENSG0000(	16.04944	6.34728	1.281	0.064398	0.111	RP11-767N	chr1	-	46116711	46117498	788
ENSG0000(	0.632843	0.654722	-0.02224	0.98935	NA	BCAS2P2	chr1	-	1.01E+08	1.01E+08	674
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-241I	chr10	-	32391450	32392221	772
ENSG0000(	2.592987	2.185918	0.19751	0.86546	0.9064	JAZF1-AS1	chr7	+	28219941	28283536	3684
ENSG0000(	1.048164	0.297015	0.97802	0.57083	NA	RP11-297L	chr16	+	52689216	52689962	747
ENSG0000(	23.08528	32.43007	-0.48042	0.37412	0.47837	RP11-797H	chr7	-	64295658	64297260	1603
ENSG0000(	8.455484	2.621302	1.567	0.071439	0.12122	LL0XNC01-	chrX	-	1.03E+08	1.03E+08	1048
ENSG0000(	0	2.261179	-2.4065	0.15834	0.23767	AC007405.	chr2	-	1.72E+08	1.72E+08	2026
ENSG0000(	0	14.09712	-5.4363	7.87E-06	2.56E-05	AC009264.	chr7	-	1.36E+08	1.37E+08	2160
ENSG0000(	6.484176	7.927888	-0.30027	0.71335	0.78731	AP000347.	chr22	-	23980679	23982949	906
ENSG0000(	1.524285	1.713273	-0.09875	0.94276	0.96298	RPS26P47	chr13	-	1.01E+08	1.01E+08	440
ENSG0000(	2.334388	1.340997	0.6942	0.56823	0.6656	AC003080.	chr7	-	1.12E+08	1.12E+08	767
ENSG0000(	2.064625	3.039702	-0.51229	0.64253	0.72954	RP11-52J3.	chr6	-	1.58E+08	1.58E+08	681
ENSG0000(	1.213446	0.343138	1.1732	0.4909	NA	AC104654.	chr2	-	42158739	42160863	769
ENSG0000(	16.62841	0.997859	3.7689	3.27E-05	9.88E-05	PFN1P3	chr1	+	1.48E+08	1.48E+08	402
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	TATDN1P1	chr10	+	64981915	64982805	891
ENSG0000(	6.204226	16.06041	-1.316	0.044129	0.079765	SNX18P7	chr9	+	33576378	33577012	635
ENSG0000(	5.90276	2.918317	0.93701	0.29603	0.39808	RNF219-AS	chr13	+	79152611	79193239	4001
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	AC098828.	chr2	-	20263617	20306590	746

ENSG0000(	4.345959	3.114963	0.46978	0.65671	0.74137	AP000330.	chr21	+	36118054	36157183	2632
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-40F6	chr10	+	81993420	82005123	635
ENSG0000(	23.77974	1.684135	3.6314	3.85E-06	1.29E-05	CTBP2P8	chr1	-	68627444	68628773	1330
ENSG0000(	1.213446	0	1.5515	0.38249	NA	RP11-158A	chr13	+	91145541	91187334	742
ENSG0000(	10.57154	7.907614	0.40214	0.51874	0.62139	AF238380.	chrX	-	49641892	49643844	1610
ENSG0000(	0.290301	0.640152	-0.50256	0.77558	NA	RP11-211N	chr10	-	1.15E+08	1.15E+08	692
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-181G	chr1	+	2143962	2152177	326
ENSG0000(	0.342542	2.370411	-2.0419	0.18569	0.27132	LL0XNC01-	chrX	+	1.03E+08	1.03E+08	632
ENSG0000(	9.584986	3.183777	1.4781	0.066461	0.11395	AC006547.	chr22	-	20135970	20138399	1266
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RBMY1A1	chrY	+	23673258	23711212	1921
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-560I	chr7	+	1.22E+08	1.22E+08	472
ENSG0000(	0.943682	0	1.2438	0.48556	NA	CICP13	chr1	+	2.23E+08	2.23E+08	2789
ENSG0000(	116.6356	66.26577	0.813	0.003555	0.008101	ZNF37BP	chr10	-	43015073	43048270	2929
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	SLC25A5P4	chr13	+	57888873	57890043	869
ENSG0000(	0.290301	1.995719	-1.903	0.2133	0.3039	RP11-666F	chr12	+	26776302	26802412	876
ENSG0000(	39.24695	17.29788	1.1558	0.004177	0.009405	AC007283.	chr2	+	2.02E+08	2.02E+08	445
ENSG0000(	26.74355	26.73266	-0.00507	0.99119	0.99535	AC092171.	chr7	-	5465916	5468558	2643
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	RP11-125P	chr20	+	22034831	22055238	520
ENSG0000(	10.90291	2.058828	2.1878	0.037029	0.068514	KBTBD13	chr15	+	65369154	65372276	3123
ENSG0000(	0	24.4253	-6.2191	7.88E-08	3.10E-07	ZNF736	chr7	+	63767837	63810017	2098
ENSG0000(	2.282147	0	2.6902	0.089639	0.14723	FGF14-AS1	chr13	+	1.03E+08	1.03E+08	321
ENSG0000(	0	1.874334	-2.1429	0.21634	NA	RP11-706C	chrX	-	3771051	3800358	2198
ENSG0000(	0.685084	2.324288	-1.3902	0.34351	0.44752	AC005534.	chr7	+	1.56E+08	1.56E+08	433
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-168C	chr10	+	91215821	91227897	478
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP1-14D6.	chrX	+	1.52E+08	1.52E+08	817
ENSG0000(	484.3585	9.075398	5.7096	1.57E-69	5.58E-68	MAGI2-AS3	chr7	+	79082198	79100524	4505
ENSG0000(	0.290301	0.594029	-0.38058	0.83094	NA	AC006960.	chr7	+	36345240	36345513	153
ENSG0000(	1.939605	1.485073	0.2778	0.84753	0.89291	AC002064.	chr7	-	89895348	89899530	289
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-136B	chr1	+	2.38E+08	2.38E+08	197
ENSG0000(	8.57969	96.81835	-3.4583	1.31E-19	1.09E-18	PINLYP	chr19	+	44080952	44088116	2587
ENSG0000(	1.846289	0.594029	1.1406	0.47787	0.58224	AC002365.	chrX	+	9935392	9936134	642
ENSG0000(	0.36308	2.606733	-2.0744	0.19205	0.27917	AC147651.	chr7	-	523744	535755	420
ENSG0000(	1.338465	2.618886	-0.82216	0.52936	0.63077	ZNF101P2	chr1	-	1.93E+08	1.93E+08	1229
ENSG0000(	0.685084	1.698704	-1.002	0.5098	0.61316	RP11-496N	chr1	-	2.26E+08	2.26E+08	656
ENSG0000(	3.205292	1.638012	0.86834	0.43363	0.53902	RP11-275I	chr1	+	2.26E+08	2.26E+08	535
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AP1B1P1	chr22	+	32517964	32529456	827
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC096664.	chr2	+	63911439	63911844	406
ENSG0000(	0.290301	0	0.4146	0.81455	NA	ALDH7A1P	chr10	-	64500968	64501145	178
ENSG0000(	4.637074	3.100394	0.55346	0.56202	0.6604	RPL34-AS1	chr4	-	1.09E+08	1.1E+08	3713
ENSG0000(	17.63631	8.363273	1.0283	0.073742	0.12468	AC003665.	chr17	-	45974696	46018776	1738
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP4-612J1	chr1	+	75055419	75087403	588
ENSG0000(	2.697468	7.884181	-1.4631	0.11152	0.17719	RPL13AP2(	chr12	+	13028433	13029044	612
ENSG0000(	17.81357	8.599595	0.99428	0.10527	0.16858	GS1-124K5	chr7	+	65976543	66010053	712
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	FYTTD1P1	chr9	-	1.04E+08	1.04E+08	921
ENSG0000(	0	2.010288	-2.4674	0.13027	0.202	KB-1592A4	chr22	-	21532181	21534164	774
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-285G	chr10	-	45395062	45415668	1444
ENSG0000(	2.188831	6.700155	-1.4262	0.17939	0.26348	AP000253.	chr21	-	33025906	33031813	2233
ENSG0000(	0	9.923607	-4.8868	0.000155	0.000432	C5orf58	chr5	+	1.7E+08	1.7E+08	2113
ENSG0000(	1.306762	0.937167	0.3445	0.82157	0.87444	PTGES3P1	chr1	-	89569968	89570450	483
ENSG0000(	0.342542	0.594029	-0.38792	0.8278	NA	NDUFB1P2	chr1	+	2.23E+08	2.23E+08	176
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-288G	chr10	-	1.35E+08	1.35E+08	475
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-39K2	chr9	+	5040945	5041940	955
ENSG0000(	0.653381	0.357707	0.52032	0.76705	NA	RP11-37L2	chr13	+	34185104	34185659	385
ENSG0000(	2.282147	6.179772	-1.3232	0.16892	0.25063	AC096582.	chr7	+	45813194	45822756	386
ENSG0000(	5.426639	10.96517	-0.97611	0.2321	0.32555	RP11-100G	chr9	+	94894680	94900911	1863
ENSG0000(	0	1.638012	-2.1885	0.18912	NA	RP3-448I9.	chr6	+	14394557	14404520	405
ENSG0000(	270.6327	460.8696	-0.76354	0.001196	0.00293	FAM133B	chr7	-	92190107	92219708	2434
ENSG0000(	2.665765	6.520493	-1.2145	0.17863	0.26257	RP3-510D1	chr1	+	9242271	9243855	269
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	RP1-164F3	chrX	-	1.01E+08	1.01E+08	397
ENSG0000(	0.705622	1.294874	-0.71528	0.63274	0.72172	API5P1	chrX	-	1.15E+08	1.15E+08	1510
ENSG0000(	0.36308	0.594029	-0.39069	0.82661	NA	TPMTP2	chr3	-	42187138	42187863	726
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	COX6B1P1	chr7	+	1.49E+08	1.49E+08	213
ENSG0000(	0	1.416259	-1.7181	0.33141	NA	RPL7AP71	chrX	+	54249757	54250495	739
ENSG0000(	0.923144	0	1.223	0.49292	NA	RP1-283K1	chr6	-	1.34E+08	1.34E+08	317
ENSG0000(	0.290301	0	0.4146	0.81455	NA	BIN2P1	chr4	+	83196224	83197753	1530

ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP5-998N2	chr1	-	1.49E+08	1.49E+08	3540
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC007880.	chr2	-	65073264	65090760	1977
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTSL1P8	chr9	+	90459067	90462229	967
ENSG0000(	0.36308	0	0.4146	0.81455	NA	SYNE1-AS1	chr6	+	1.53E+08	1.53E+08	553
ENSG0000(	0.632843	0	0.81931	0.64303	NA	AC019186.	chr2	-	1.59E+08	1.59E+08	545
ENSG0000(	38.19439	29.24219	0.38138	0.35524	0.45947	CCT6P3	chr7	+	64498732	64535091	3702
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-382H	chr9	-	13021693	13022891	1199
ENSG0000(	0	1.058552	-1.361	0.4451	NA	RP11-41L1	chrX	-	1.28E+08	1.28E+08	1648
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CHRM3-AS:	chr1	-	2.4E+08	2.4E+08	486
ENSG0000(	0.923144	0	1.223	0.49292	NA	MCIDAS	chr5	-	54515442	54523143	2091
ENSG0000(	3.298608	2.575179	0.30908	0.76588	0.83062	RP1-206D1	chr1	-	1.69E+08	1.69E+08	100
ENSG0000(	0.975385	0.343138	0.92553	0.59174	NA	RP11-5P18	chr1	+	16296127	16296689	563
ENSG0000(	42.57726	122.436	-1.5129	2.75E-05	8.39E-05	MAPKAPK5	chr12	-	1.12E+08	1.12E+08	2285
ENSG0000(	0	3.085825	-3.0709	0.047974	0.085814	LINC00624	chr1	-	1.47E+08	1.47E+08	701
ENSG0000(	0.342542	0	0.4146	0.81455	NA	OR2AT2P	chr11	-	74782193	74783097	905
ENSG0000(	0.870904	0.997859	-0.09987	0.94993	NA	H2AFZP5	chr10	+	79713253	79713634	382
ENSG0000(	25.79808	33.7759	-0.37654	0.36672	0.47131	AL450992.	chr1	+	1.52E+08	1.52E+08	506
ENSG0000(	714.794	888.5046	-0.31364	0.027449	0.052499	JRK	chr8	-	1.44E+08	1.44E+08	8937
ENSG0000(	0.923144	0.98329	-0.04766	0.97585	0.9865	SNRK-AS1	chr3	-	43391136	43393454	750
ENSG0000(	3.993065	7.953737	-0.92591	0.31965	0.42255	RPSAP9	chr9	+	79013615	79014502	888
ENSG0000(	0.290301	3.556053	-2.6592	0.066255	0.11369	RP4-633I8.	chr1	+	8810489	8811146	658
ENSG0000(	0.342542	0.594029	-0.38792	0.8278	NA	RP13-297E	chrX	+	1886240	1887669	548
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC016894.	chr2	-	61644022	61644332	311
ENSG0000(	0.342542	1.577319	-1.4728	0.37548	0.47961	RP1-149A1	chr22	-	32723158	32739092	361
ENSG0000(	42.72796	7.656723	2.4446	1.87E-07	7.15E-07	LL22NC03-	chr22	+	22648098	22649159	524
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	NECAP1P2	chr2	+	74577196	74578136	727
ENSG0000(	35.67418	10.48279	1.7287	0.000204	0.000558	LINC00849	chr10	-	70237756	70240521	1779
ENSG0000(	2.282147	3.428963	-0.50871	0.64035	0.72748	MED14-AS1	chrX	+	40594652	40597950	897
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	AC009263.	chr7	+	1.38E+08	1.38E+08	1239
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	AC097523.	chr2	-	1.39E+08	1.39E+08	765
ENSG0000(	9.657765	18.2286	-0.90478	0.13453	0.20755	AL162151.	chr14	+	99439651	99439808	158
ENSG0000(	9.480505	6.61274	0.5011	0.47319	0.57785	PCCA-AS1	chr13	-	1.01E+08	1.01E+08	474
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC079117.	chr2	+	77213091	77236917	1000
ENSG0000(	0.975385	0	1.2767	0.47406	NA	AC104820.	chr2	+	1.82E+08	1.82E+08	1771
ENSG0000(	38.11061	50.21348	-0.38929	0.28171	0.38276	HMGN2P5	chr15	+	30022917	30023189	273
ENSG0000(	1.742621	1.98115	-0.1758	0.89493	0.92703	RP11-262H	chr9	-	66513488	66553911	1602
ENSG0000(	0	1.294874	-1.8547	0.27869	NA	ACTBP13	chr3	-	49910780	49915413	4634
ENSG0000(	4.045306	0	3.4567	0.021651	0.042397	RP11-242F	chr6	-	1.48E+08	1.48E+08	446
ENSG0000(	0.580602	1.355566	-0.83684	0.59462	0.68907	RP11-337A	chr9	-	26955778	26956293	405
ENSG0000(	7.699414	5.863356	0.35971	0.67242	0.75474	RP11-465N	chr1	-	2.02E+08	2.02E+08	788
ENSG0000(	0.685084	0	0.85004	0.63064	NA	VN2R3P	chr9	+	39016966	39039591	1412
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC110620.	chr2	+	1.36E+08	1.36E+08	711
ENSG0000(	20.41675	17.16838	0.23271	0.65235	0.73765	SDCBP2-AS	chr20	+	1306065	1358827	1811
ENSG0000(	0	1.416259	-1.7181	0.33141	NA	NUS1P2	chr13	+	23489790	23490662	873
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	LINC00444	chr13	-	48479464	48481492	215
ENSG0000(	0.653381	3.959884	-2.1914	0.084763	0.1404	AC073283.	chr2	-	47419544	47572213	1892
ENSG0000(	0	7.077263	-4.4087	0.000905	0.002259	RP11-445L	chr9	-	1.18E+08	1.18E+08	427
ENSG0000(	1.503747	1.280305	0.19592	0.89491	0.92703	RP4-530I15	chr20	+	49262008	49278812	638
ENSG0000(	2.302685	13.4804	-2.4039	0.002941	0.006786	RP1-92O14	chr1	-	43820355	43824329	661
ENSG0000(	0	13.61716	-5.339	1.92E-05	5.95E-05	GPR50-AS1	chrX	-	1.5E+08	1.5E+08	1620
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	RP11-112L	chr20	+	48782899	48788279	425
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	RP11-225H	chr10	+	1.05E+08	1.05E+08	657
ENSG0000(	0.342542	1.66715	-1.521	0.35886	0.46305	AC004478.	chrX	-	91237654	91238504	851
ENSG0000(	4.439275	0.343138	2.9707	0.030838	0.058115	AF015262.	chr21	+	36508935	36511519	698
ENSG0000(	1.887365	0.343138	1.6811	0.30529	0.40686	HMGA1P4	chr9	-	1.31E+08	1.31E+08	334
ENSG0000(	0	1.340997	-1.8899	0.26871	NA	RP11-745C	chr7	+	54827118	54872621	481
ENSG0000(	6.121096	2.56061	1.1217	0.26569	0.36443	UPF3AP3	chr9	-	1.03E+08	1.03E+08	769
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	AC060834.	chr7	+	9776951	9809142	618
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC007161.	chr7	-	7778165	7782204	1050
ENSG0000(	0.342542	2.621302	-2.2253	0.13564	0.20879	RP11-166B	chr16	-	12021230	12070500	1194
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	AC073236.	chr7	-	1.53E+08	1.53E+08	2624
ENSG0000(	0.923144	0	1.223	0.49292	NA	HDAC1P1	chr10	+	95897505	95899257	1445
ENSG0000(	0.290301	2.681995	-2.2909	0.12121	0.1904	KRT18P15	chr3	+	32300432	32301722	1291
ENSG0000(	1.814586	3.365854	-0.73196	0.54604	0.6462	RP11-272P	chr9	-	13274509	13279186	457
ENSG0000(	1091.459	2440.832	-1.16	2.10E-30	2.72E-29	GAS5	chr1	-	1.74E+08	1.74E+08	1698

ENSG0000(	3.371387	5.748419	-0.71357	0.45547	0.56078	AC144530.	chr3	-	1.98E+08	1.98E+08	555
ENSG0000(	1.971308	4.495636	-1.0761	0.31796	0.42071	EIF5AP4	chr10	-	82006975	82007439	465
ENSG0000(	520.3382	165.0661	1.6543	2.28E-22	2.14E-21	HLA-B	chr6	-	31321649	31324965	1547
ENSG0000(	2.935529	3.336716	-0.16092	0.86992	0.90949	CTD-2666L	chr19	+	12395152	12396000	849
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	AP002381.	chr11	+	72651543	72652157	615
ENSG0000(	2.188831	29.98761	-3.5742	2.36E-07	8.92E-07	RP11-328N	chr6	-	41462591	41516359	575
ENSG0000(	7.613678	0.343138	3.721	0.00364	0.008283	RP11-421L	chr1	-	2.22E+08	2.22E+08	4340
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-38O1	chr1	-	2.03E+08	2.03E+08	1239
ENSG0000(	0.705622	1.248751	-0.63959	0.68663	0.76619	AC008132.	chr22	+	18821207	18821951	745
ENSG0000(	48.27962	43.76986	0.14286	0.62778	0.71765	WASH4P	chr16	-	64043	69452	4243
ENSG0000(	0	1.888903	-2.3653	0.15293	NA	GULOP	chr8	+	27417791	27446590	748
ENSG0000(	52.80805	61.18261	-0.21316	0.57606	0.6728	RP11-395P	chr9	-	1.31E+08	1.31E+08	3801
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	RP11-428C	chr13	-	27810419	27810948	420
ENSG0000(	0.923144	0.937167	-0.01228	0.99379	NA	CTD-2666L	chr19	+	12305830	12348582	917
ENSG0000(	0.995923	3.443532	-1.5306	0.21411	0.3049	C11orf94	chr11	-	45928085	45928833	369
ENSG0000(	23.75236	45.39089	-0.90506	0.030842	0.058118	RP11-62F2	chr9	+	16726812	16727522	428
ENSG0000(	0.580602	0	0.8036	0.6494	NA	AC068535.	chr2	-	1.05E+08	1.05E+08	1457
ENSG0000(	0	1.029414	-1.1526	0.51496	NA	EEF1GP5	chrX	+	1.15E+08	1.15E+08	1310
ENSG0000(	0	169.4552	-8.7712	4.33E-15	2.85E-14	LINC00458	chr13	-	54689924	54707001	1054
ENSG0000(	3.484428	0.640152	1.9313	0.17499	0.25815	HSPA8P3	chr10	+	27003551	27004761	780
ENSG0000(	5.041229	3.480792	0.46501	0.63109	0.72038	RP11-483H	chr9	+	1.32E+08	1.32E+08	470
ENSG0000(	0	3.636147	-3.0614	0.062014	0.10732	AC108448.	chr11	+	3210776	3211159	293
ENSG0000(	79.70734	114.6517	-0.52081	0.065359	0.11236	RPS3AP6	chr15	+	60060543	60061347	805
ENSG0000(	0.342542	2.932886	-2.4071	0.096032	0.15618	RP11-9E13	chr10	+	70184317	70184754	438
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP4-794H1	chr1	+	59250823	59365384	996
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-466L	chr1	+	56046710	56200675	4063
ENSG0000(	21.2954	4.524774	2.1445	0.000793	0.001999	SVILP1	chr10	+	30960495	31006195	2592
ENSG0000(	0	1.309443	-1.6539	0.35008	NA	U91328.2	chr6	+	26044217	26044585	369
ENSG0000(	0.923144	1.623443	-0.60734	0.68519	0.76508	RP3-400B1	chr6	+	4136306	4157619	2277
ENSG0000(	0.342542	0.686276	-0.48412	0.78604	NA	AC092687.	chr2	+	10729292	10744956	565
ENSG0000(	1.794862	3.154639	-0.69905	0.6114	0.70375	XRCC6P2	chrX	-	1.49E+08	1.49E+08	1822
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AC003084.	chr7	-	1.18E+08	1.18E+08	435
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	RP11-526A	chr4	-	1.5E+08	1.51E+08	2138
ENSG0000(	4.273994	2.38498	0.78475	0.43478	0.54034	RP3-322G1	chr20	-	23327578	23332123	814
ENSG0000(	0.923144	0.937167	-0.01228	0.99379	NA	PHBP13	chr13	+	35825207	35825966	760
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	AC005251.	chr7	+	20883246	20883580	335
ENSG0000(	6.14082	1.355566	2.0047	0.049409	0.088065	RP11-399D	chr9	+	22646199	22824212	2347
ENSG0000(	4.814334	12.56189	-1.3501	0.07161	0.12145	RP11-119H	chr4	+	1.14E+08	1.14E+08	1301
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AC007163.	chr2	+	2.02E+08	2.02E+08	677
ENSG0000(	0.290301	0	0.4146	0.81455	NA	CDC42P2	chr7	-	55705967	55706535	569
ENSG0000(	0.685084	0	0.85004	0.63064	NA	CTD-3105H	chr19	+	12561749	12571519	695
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-513N	chr9	-	19383215	19383885	345
ENSG0000(	1.411244	4.349145	-1.4733	0.19389	0.28142	RP11-831H	chr11	-	62457747	62494856	4001
ENSG0000(	1.068702	4.614605	-1.882	0.11525	0.18246	RP3-439F8	chr22	+	46937392	46944093	2949
ENSG0000(	1.359003	0.297015	1.3758	0.39512	NA	RP11-139E	chr1	-	1.93E+08	1.93E+08	276
ENSG0000(	1.068702	0.715414	0.38756	0.81816	NA	LINC00163	chr21	-	46409779	46414001	2155
ENSG0000(	7.987923	4.363714	0.8339	0.27897	0.37961	EIF3EP1	chr6	+	74001685	74003000	1316
ENSG0000(	51.65019	2.056411	4.5288	2.84E-12	1.56E-11	MIR155HG	chr21	+	26934221	26947480	1600
ENSG0000(	0.342542	0.686276	-0.48412	0.78604	NA	CTA-407F1	chr22	-	25957084	25960429	488
ENSG0000(	0.36308	0.654722	-0.52647	0.7643	NA	MTND5P26	chrX	+	1.02E+08	1.02E+08	1752
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP1-288L1	chr22	-	35099117	35100876	768
ENSG0000(	17.70909	5.970172	1.5171	0.01461	0.029655	AC005152.	chr17	-	70033455	70217977	3032
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP1-278O2	chr20	-	10733926	10745934	729
ENSG0000(	0.923144	0.594029	0.399	0.81445	NA	AC007879.	chr2	-	2.08E+08	2.08E+08	823
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	APOC2	chr19	+	45450460	45452822	880
ENSG0000(	2.157128	4.325712	-0.87358	0.45192	0.55736	TEX21P	chr14	-	64812889	64841384	1476
ENSG0000(	54.17202	85.83121	-0.65859	0.054602	0.096005	LINC00338	chr17	+	75082798	75091068	2139
ENSG0000(	1.753786	0.640152	1.0617	0.48959	0.59361	XXbac-B47	chr22	-	18487036	18490074	2493
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-384C	chr1	-	2.12E+08	2.13E+08	387
ENSG0000(	1.753786	2.65044	-0.54105	0.65804	0.74243	RP5-994D1	chr1	+	43144406	43147325	596
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC064834.	chr2	-	1.96E+08	1.96E+08	555
ENSG0000(	6.286378	2.041842	1.5146	0.10969	0.17457	RP11-254B	chr12	-	69036299	69036773	475
ENSG0000(	0	3.723561	-3.3938	0.022736	0.044303	AP000344.	chr22	+	23775751	23777258	917
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	CDC42P1	chr20	-	32989955	32990502	548
ENSG0000(	2.302685	6.817508	-1.4621	0.10846	0.17293	AC010883.	chr2	+	43456712	43460533	398

ENSG0000(	0.290301	2.353426	-2.118	0.15772	0.23701	RP11-101C	chr1	+	1.56E+08	1.56E+08	941
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AC012668.	chr2	-	2.16E+08	2.16E+08	503
ENSG0000(	0.705622	0.343138	0.57395	0.74355	NA	AC092839.	chr2	-	54772505	54773814	377
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-124C	chr10	+	43366969	43369508	1714
ENSG0000(	6.483362	10.67702	-0.68115	0.31193	0.41401	AC109828.	chr2	+	27558409	27565466	863
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	SDHCP3	chr2	+	24166716	24167221	506
ENSG0000(	1.048164	0	1.348	0.44949	NA	RP4-723E3	chr20	+	50827184	51266970	4390
ENSG0000(	0.342542	3.945314	-2.8194	0.041375	0.075474	AC104667.	chr2	+	2.38E+08	2.39E+08	1301
ENSG0000(	0.342542	0	0.4146	0.81455	NA	LINC00700	chr10	-	2047667	2056542	2097
ENSG0000(	37.56594	36.47481	0.042363	0.92085	0.9469	FABP5P7	chr11	-	59548786	59549195	408
ENSG0000(	0.705622	38.00217	-5.3228	2.99E-08	1.22E-07	SHISA8	chr22	-	42307297	42310570	486
ENSG0000(	4.305697	1.966581	1.0008	0.36722	0.47183	RP13-33H1	chrX	+	73289111	73290667	1182
ENSG0000(	12.00332	4.432528	1.343	0.0701	0.11935	TBC1D3C	chr17	-	34580902	34757050	2653
ENSG0000(	5.197138	4.539343	0.18045	0.82782	0.87876	FTH1P2	chr1	+	2.29E+08	2.29E+08	412
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AC074389.	chr7	-	1731542	1732086	454
ENSG0000(	0.943682	9.116689	-2.9097	0.005105	0.011359	RP11-423C	chr1	-	1.43E+08	1.43E+08	1742
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	RP11-534L	chr1	+	2.07E+08	2.07E+08	792
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-280C	chr9	+	14204247	14205038	792
ENSG0000(	0.342542	0.686276	-0.48412	0.78604	NA	CUBNP2	chr10	-	45727474	45742809	1139
ENSG0000(	0.290301	1.623443	-1.5237	0.36002	0.46417	AC013429.	chr7	-	1.38E+08	1.38E+08	781
ENSG0000(	0.870904	9.811086	-3.0351	0.004159	0.00937	RP11-480I	chr1	+	2.03E+08	2.03E+08	2321
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	AC016745.	chr2	+	1.14E+08	1.14E+08	508
ENSG0000(	0.36308	0.891044	-0.73478	0.67953	NA	AC004016.	chr7	-	24945754	24946213	460
ENSG0000(	1.411244	11.01371	-2.7889	0.003425	0.007827	EIF4A1P2	chrY	-	5205786	5207005	1220
ENSG0000(	0	4.213191	-3.6108	0.012765	0.026258	RP11-195N	chr1	-	1.1E+08	1.1E+08	450
ENSG0000(	0	4.697988	-3.4469	0.03077	0.058004	RP11-344B	chr9	+	1.32E+08	1.32E+08	966
ENSG0000(	0	2.24661	-2.6365	0.10117	0.16301	RP3-497J2	chr6	-	1.67E+08	1.67E+08	1746
ENSG0000(	0.580602	0.343138	0.37443	0.8337	NA	RP11-140A	chr10	-	1.34E+08	1.34E+08	481
ENSG0000(	0.290301	0.640152	-0.50256	0.77558	NA	AF121897.	chr21	+	40897510	40901782	3980
ENSG0000(	8.714083	12.99157	-0.56265	0.38462	0.48882	RP11-493K	chr3	-	50153455	50193518	2755
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	RP11-11M2	chr20	-	60612485	60613012	528
ENSG0000(	0.943682	2.367995	-1.0653	0.43011	0.53558	RP11-109I	chr10	-	18523097	18550123	793
ENSG0000(	0	12.84676	-5.1955	6.02E-05	0.000176	AP001626.	chr21	-	44068381	44071354	2854
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC097468.	chr2	-	2.2E+08	2.2E+08	553
ENSG0000(	0	26.8985	-6.3685	2.52E-08	1.03E-07	AC066593.	chr2	-	1.16E+08	1.16E+08	730
ENSG0000(	5.644162	3.717114	0.52588	0.58367	0.67961	AC068580.	chr11	+	1781578	1783716	2015
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP5-1121A	chr7	+	1.57E+08	1.57E+08	374
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP4-813D1	chr20	+	55789928	55790922	436
ENSG0000(	5.632997	0	4.08	0.002758	0.006396	RP11-61I13	chr6	-	39856566	39865156	638
ENSG0000(	0	101.2089	-8.1443	1.44E-13	8.63E-13	C19orf81	chr19	+	51152702	51162567	760
ENSG0000(	0	1.355566	-1.9006	0.26573	NA	AC007395.	chr2	+	70914274	70918956	434
ENSG0000(	5.995263	4.424406	0.43852	0.61662	0.70789	RP5-1099D	chr20	-	10593509	10594877	1369
ENSG0000(	24.21479	32.80227	-0.43108	0.28836	0.38994	TECRP1	chr4	-	87870818	87871276	459
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	PPIAP3	chr20	+	36158441	36158945	505
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP5-1096D	chr12	-	2038368	2045740	2350
ENSG0000(	1.317927	1.294874	0.013073	0.99265	0.99599	RP11-637C	chr6	+	10882013	10884447	531
ENSG0000(	0.290301	4.991713	-3.1282	0.023611	0.04586	RP1-150O5	chr1	-	23875630	23877406	456
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP5-1166F	chr1	+	4472111	4484747	2077
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	RP4-609E1	chr1	+	68509013	68509916	904
ENSG0000(	0.72616	0.343138	0.52026	0.77047	NA	VDAC1P4	chr1	+	1.8E+08	1.8E+08	835
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	BCRP5	chr22	-	21052250	21053222	253
ENSG0000(	0.290301	1.355566	-1.3811	0.39332	NA	RPL24P2	chr20	+	21095364	21095838	475
ENSG0000(	3.080272	0.951736	1.4124	0.28267	0.38376	AC009303.	chr2	+	1.19E+08	1.19E+08	853
ENSG0000(	0.995923	4.600036	-1.9611	0.082137	0.13664	AC012074.	chr2	-	25592042	25598714	419
ENSG0000(	0.72616	1.623443	-0.85011	0.60052	0.69444	GAPDHP52	chr13	+	21932512	21933453	942
ENSG0000(	1.669842	0.297015	1.5424	0.35353	0.45773	AC142528.	chr2	+	3523046	3526968	974
ENSG0000(	2.396002	3.47267	-0.46359	0.70458	0.78045	ZRANB2-AS	chr1	+	71514538	71532867	607
ENSG0000(	1.317927	0	1.6383	0.35541	NA	AC010492.	chr19	+	54732911	54734088	901
ENSG0000(	4.657611	4.438975	0.073122	0.93707	0.95849	RP11-179G	chr1	+	1.6E+08	1.6E+08	304
ENSG0000(	1.794048	1.698704	0.108	0.93596	0.95772	CHCHD2P6	chr1	+	15931077	15931538	462
ENSG0000(	0.632843	1.416259	-0.81358	0.60692	0.69991	AC091153.	chr17	+	4578674	4600126	384
ENSG0000(	2.032922	0.343138	1.7486	0.2847	0.38604	FNDC1-IT1	chr6	+	1.6E+08	1.6E+08	516
ENSG0000(	2.718006	0.654722	1.6705	0.2168	0.30808	RP4-620E1	chr20	-	40087994	40090584	323
ENSG0000(	0.36308	3.838499	-2.7601	0.050098	0.089105	RPL7L1P3	chr7	+	75552073	75552761	689
ENSG0000(	0.923144	1.370136	-0.39431	0.79824	0.85707	WI2-85898	chr22	-	46271879	46283628	805

ENSG0000(	12.80144	14.63046	-0.1937	0.72287	0.79498	AC011747.	chr2	-	8806766	8821993	953
ENSG0000(	1.649304	1.995719	-0.23815	0.8424	0.88959	RP11-83A1	chr1	+	2.46E+08	2.46E+08	703
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	LINC00330	chr13	-	45373639	45383766	2036
ENSG0000(	2.604151	28.07373	-3.2141	0.000157	0.000436	ANKRD65	chr1	-	1353800	1357149	2014
ENSG0000(	1.597063	5.003866	-1.4592	0.17526	0.25847	RP11-80H5	chr10	-	91426938	91459428	1298
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	SETP9	chr1	+	1.61E+08	1.61E+08	832
ENSG0000(	0.36308	2.48938	-1.9375	0.23518	0.32906	RP11-329A	chr1	+	48901639	48902895	1257
ENSG0000(	446.7736	294.4876	0.60159	2.91E-05	8.82E-05	LINC00094	chr9	+	1.37E+08	1.37E+08	5179
ENSG0000(	29.45895	94.50285	-1.6588	1.89E-07	7.19E-07	ZSCAN31	chr6	-	28292470	28324048	3551
ENSG0000(	3.713116	4.836358	-0.33408	0.72723	0.79827	RP11-628K	chr1	+	21487968	21488574	296
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-241I	chr10	+	32398789	32400594	679
ENSG0000(	4.056471	4.035145	0.003628	0.99703	0.99834	RP11-229P	chr9	+	1.4E+08	1.4E+08	697
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	AC010731.	chr2	+	2.08E+08	2.08E+08	1376
ENSG0000(	11.14097	6.924324	0.66421	0.29162	0.39347	RP11-90L2	chr1	-	2.02E+08	2.02E+08	1809
ENSG0000(	0	1.326428	-1.6486	0.3523	NA	DSCAM-AS1	chr21	+	41755010	41757285	1640
ENSG0000(	1.524285	0.357707	1.4197	0.39774	NA	AC013474.	chr2	+	1.27E+08	1.27E+08	799
ENSG0000(	0.72616	0	0.85004	0.63064	NA	FABP7P2	chr2	-	96034255	96034633	379
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP5-1092A	chr1	-	3628764	3630862	351
ENSG0000(	24.69009	37.27286	-0.58277	0.19891	0.28723	RP11-374P	chr9	+	1.37E+08	1.37E+08	2112
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP5-1092K	chr10	-	7337068	7337252	185
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP1-65J11.	chr1	+	31331005	31333101	1747
ENSG0000(	0.342542	1.294874	-1.342	0.40631	NA	RP11-533E	chr1	+	1.8E+08	1.8E+08	821
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC114730.	chr2	+	2.43E+08	2.43E+08	571
ENSG0000(	0	97.49167	-8.1155	1.01E-13	6.10E-13	RP5-865N1	chr1	+	2.32E+08	2.32E+08	818
ENSG0000(	0.632843	0	0.81931	0.64303	NA	TMEM30C	chr3	+	99904531	99913035	454
ENSG0000(	2.987769	0.357707	2.4319	0.090998	0.14915	RP6-109B7	chr22	-	46463236	46465771	867
ENSG0000(	1099.912	186.1749	2.5581	1.25E-81	5.37E-80	C12orf75	chr12	+	1.06E+08	1.06E+08	1366
ENSG0000(	5.414661	12.94303	-1.1902	0.074096	0.12519	RP11-425N	chr20	-	36120874	36137633	714
ENSG0000(	22.07478	26.64203	-0.26765	0.54347	0.64389	SMIM1	chr1	+	3689352	3692546	546
ENSG0000(	1.991846	1.029414	0.76413	0.59766	0.69184	CTB-114C7	chr5	+	1.7E+08	1.7E+08	983
ENSG0000(	69.59555	72.35082	-0.05059	0.85674	0.89936	FAM203A	chr8	+	1.45E+08	1.45E+08	2531
ENSG0000(	114.0338	108.9431	0.068711	0.76709	0.83155	RPL39P3	chr6	-	74082831	74082986	156
ENSG0000(	9.60471	0	4.8623	0.000144	0.000403	LINC00601	chr10	-	1.28E+08	1.28E+08	1168
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	RP11-613C	chr17	+	47872705	47873031	327
ENSG0000(	0.632843	0	0.81931	0.64303	NA	RP4-537K2	chrX	-	1.29E+08	1.29E+08	526
ENSG0000(	1.866827	0	2.3484	0.15622	NA	NUCB1-AS1	chr19	-	49414187	49422148	433
ENSG0000(	0.342542	2.635871	-2.2612	0.12315	0.19299	AC009495.	chr2	+	1.67E+08	1.67E+08	779
ENSG0000(	107.1686	45.89434	1.2116	2.57E-05	7.86E-05	PPP1R3E	chr14	-	23765112	23772057	4513
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP1-3E10.2	chrX	+	1.01E+08	1.01E+08	544
ENSG0000(	7.728511	1.995719	1.8265	0.04498	0.081058	RP11-121A	chr9	-	1.27E+08	1.27E+08	308
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	TATDN2P3	chr13	+	23817659	23821323	3665
ENSG0000(	0.923144	0	1.223	0.49292	NA	CTA-150C2	chr22	+	39317232	39320713	678
ENSG0000(	0.342542	2.771825	-2.2599	0.13216	0.20454	FAM83C-AS	chr20	+	33873054	33873559	352
ENSG0000(	0	2.102535	-2.2822	0.18452	0.26979	RP11-145N	chr1	-	59521671	59543788	317
ENSG0000(	280.2526	250.6896	0.15942	0.32831	0.43138	TSPY26P	chr20	-	30774280	30778330	3884
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-459J	chr13	+	69885465	69896233	821
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	RP11-236P	chrX	-	53142200	53142456	257
ENSG0000(	0.290301	0	0.4146	0.81455	NA	IGKV1OR-1	chr2	+	92005797	92006650	354
ENSG0000(	0.72616	4.89705	-2.3956	0.058953	0.10287	RP13-131K	chr3	-	49017351	49021418	555
ENSG0000(	10.19729	20.58036	-0.99068	0.048937	0.087351	SUMO2P1	chr6	-	29603837	29604120	284
ENSG0000(	0.290301	1.638012	-1.64	0.2979	0.3998	AC026185.	chr3	-	11529774	11529947	174
ENSG0000(	1.742621	6.639462	-1.7381	0.12278	0.19253	RP11-108N	chr1	+	17215590	17216097	508
ENSG0000(	5.612459	8.27989	-0.53938	0.4412	0.54707	RP11-761E	chrX	-	1.15E+08	1.15E+08	2445
ENSG0000(	33.29113	31.61676	0.067232	0.85721	0.89971	RP11-122K	chr10	-	1.35E+08	1.35E+08	626
ENSG0000(	1.89853	0.297015	1.7215	0.29345	0.39548	RP1-5O6.5	chr22	+	38627326	38628254	297
ENSG0000(	3.629172	3.694423	0.006029	0.99574	0.99763	AC010240.	chr5	+	1.32E+08	1.32E+08	1205
ENSG0000(	1.919068	3.451653	-0.7377	0.54173	0.64223	TMEM185A	chrX	+	1.49E+08	1.49E+08	546
ENSG0000(	33.62251	11.85051	1.4777	0.000878	0.0022	AC093415.	chr3	-	37786923	37903271	3139
ENSG0000(	1.742621	1.012429	0.58944	0.69792	0.77494	AC115115.	chr2	-	1.13E+08	1.13E+08	366
ENSG0000(	0.290301	1.638012	-1.64	0.2979	0.3998	KDM5C-IT1	chrX	-	53241590	53243861	755
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP13-392I	chr1	-	9561151	9563530	708
ENSG0000(	0.36308	1.66715	-1.5237	0.35755	0.46184	AC074117.	chr2	+	27678023	27678729	397
ENSG0000(	0.36308	0.640152	-0.51156	0.77091	NA	KDM4E	chr11	+	94758422	94760760	2339
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AL162759.	chr14	-	54235660	54317600	602
ENSG0000(	0	1.355566	-1.9006	0.26573	NA	RP1-90L6.3	chr22	+	27299255	27316574	517

ENSG0000(	1.359003	1.326428	0.016616	0.99065	0.9952	FAM103A2	chr6	-	1.67E+08	1.67E+08	354
ENSG0000(	0.342542	0	0.4146	0.81455	NA	KRT18P16	chr5	+	1.23E+08	1.23E+08	1294
ENSG0000(	0.705622	0.640152	0.062329	0.97007	NA	RP11-539E	chr10	+	53062326	53066469	400
ENSG0000(	0.653381	7.809662	-3.1116	0.00721	0.015562	MCF2L-AS1	chr13	-	1.14E+08	1.14E+08	712
ENSG0000(	4.160953	1.684135	1.1457	0.31739	0.42009	SNORD62A	chr9	+	1.34E+08	1.34E+08	86
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	SMIM2-IT1	chr13	-	44720606	44732358	478
ENSG0000(	1.742621	2.232041	-0.33209	0.80041	0.85869	AP000925.	chr11	-	1.12E+08	1.12E+08	1449
ENSG0000(	0.653381	0.937167	-0.38446	0.8124	NA	HLA-W	chr6	+	29924373	29926347	771
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	RP4-796I8.	chr20	-	12224543	12224944	280
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC137723.	chr17	+	79899745	79905477	691
ENSG0000(	0.995923	2.915901	-1.295	0.33179	0.43499	FAUP1	chr18	-	72057119	72057532	414
ENSG0000(	3.205292	4.600036	-0.47251	0.60592	0.69915	RP11-575L	chr9	+	86587148	86590692	390
ENSG0000(	1.576526	2.949871	-0.75182	0.55719	0.65619	MRPL53P1	chr1	-	1.13E+08	1.13E+08	319
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP1-79C4.:	chr1	+	1.71E+08	1.71E+08	1923
ENSG0000(	3.330311	1.744828	0.83923	0.47388	0.57843	RP11-82K1	chr1	+	89389053	89389527	475
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-250H	chr9	+	69501018	69502204	1187
ENSG0000(	27.0235	16.00617	0.75169	0.13764	0.21103	HM13-IT1	chr20	+	30150969	30151879	356
ENSG0000(	3.693391	2.529055	0.46584	0.65019	0.73599	AC017116.	chr7	+	44078770	44081905	2590
ENSG0000(	84.93456	46.19385	0.86401	0.028576	0.054376	DUSP8P5	chr10	+	75491582	75493396	1815
ENSG0000(	1.068702	2.200487	-0.85786	0.55699	0.65599	AC012360.	chr2	+	1.06E+08	1.06E+08	674
ENSG0000(	2.003011	0.357707	1.7049	0.30251	0.40375	RP11-509J:	chr9	+	3674546	3691814	537
ENSG0000(	1.213446	1.188058	0.015729	0.99231	0.99582	AC006946.	chr22	-	17574502	17574829	328
ENSG0000(	0.342542	4.804804	-3.0165	0.031872	0.059883	RP11-165F	chr9	+	477750	478423	674
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-366C	chr9	-	1.28E+08	1.28E+08	853
ENSG0000(	0.653381	1.340997	-0.79074	0.59756	0.69176	AC016723.	chr2	-	1.69E+08	1.69E+08	643
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	DUSP5P2	chr3	+	9642432	9644412	1033
ENSG0000(	0.342542	0	0.4146	0.81455	NA	hsa-mir-10	chr10	+	91352504	91352584	81
ENSG0000(	0.923144	2.131673	-0.88737	0.55484	0.65411	RP1-37M3.	chr22	-	46188298	46189516	1219
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-561N	chr7	-	64027192	64027821	315
ENSG0000(	5.549867	12.37573	-1.1163	0.15986	0.23951	AC114730.	chr2	-	2.43E+08	2.43E+08	584
ENSG0000(	1.068702	0.297015	0.9938	0.56435	NA	CTA-276O3	chr7	+	1.03E+08	1.03E+08	171
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-381C	chr9	-	66951142	66951845	704
ENSG0000(	0.923144	0.700845	0.32346	0.84154	NA	RP11-399E	chr1	+	41708045	41750533	709
ENSG0000(	0.342542	1.652581	-1.6373	0.29704	0.39905	AC016292.	chr17	+	1085187	1088380	235
ENSG0000(	51.77619	86.42464	-0.73143	0.011529	0.023908	SNRPGP10	chr1	+	2.05E+08	2.05E+08	225
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-154C	chr13	-	46255225	46256554	520
ENSG0000(	5.188579	2.139794	1.0713	0.37602	0.48007	RPL36AP15	chr2	-	48024965	48025230	266
ENSG0000(	0.705622	0.357707	0.57557	0.74268	NA	CSPG4P5	chr15	-	84953014	84966399	8752
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP4-764D2	chr1	+	2.36E+08	2.36E+08	2310
ENSG0000(	9.419704	18.9075	-0.98306	0.08848	0.14566	RP11-206L	chr1	-	677193	685396	4860
ENSG0000(	9.584986	9.392687	0.016619	0.97919	0.98841	SSR4P1	chr21	-	46491648	46494080	967
ENSG0000(	0.290301	0.951736	-0.90191	0.60254	NA	RP11-332C	chr10	+	1.05E+08	1.05E+08	2130
ENSG0000(	105.7144	28.02016	1.9057	2.52E-10	1.21E-09	RP11-477D	chr6	-	1.56E+08	1.56E+08	3088
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	GS1-600G8	chrX	-	13284167	13321571	1497
ENSG0000(	14.07911	4.928605	1.4492	0.029591	0.056102	RP11-397A	chr1	+	2.47E+08	2.47E+08	105
ENSG0000(	4.067636	2.947455	0.40987	0.68074	0.76126	RP11-327L	chr9	+	35909480	35911683	1612
ENSG0000(	0.36308	0.640152	-0.51156	0.77091	NA	RP11-134K	chr9	-	8700595	8701552	486
ENSG0000(	3.879211	6.001726	-0.57955	0.49086	0.59491	EPN2-AS1	chr17	-	19199909	19209574	1190
ENSG0000(	10.34285	13.85751	-0.40816	0.4939	0.59782	LINC00623	chr1	-	1.44E+08	1.44E+08	2084
ENSG0000(	0.36308	0.997859	-1.0294	0.53423	NA	AC114808.	chr2	-	1054819	1064027	432
ENSG0000(	7.481891	9.650026	-0.35894	0.63675	0.72498	SNORA71B	chr20	-	37053843	37053978	136
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-397C	chr10	+	14116283	14129604	790
ENSG0000(	1.503747	0.997859	0.50177	0.72861	0.79935	AC007041.	chr2	-	20439653	20440807	1155
ENSG0000(	3.278071	2.416535	0.39774	0.74056	0.80908	RP11-414P	chr4	+	17913297	17914599	979
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC016737.	chr2	+	1.75E+08	1.75E+08	873
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC005808.	chr20	+	52224893	52251129	381
ENSG0000(	1.919068	0	2.4151	0.13977	0.21349	AC010149.	chr2	-	2.31E+08	2.31E+08	571
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RPL29P30	chr15	-	71088936	71095027	833
ENSG0000(	76.2732	30.30719	1.3184	0.000729	0.001846	RP11-282C	chr12	-	1.24E+08	1.24E+08	1110
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC112211.	chr3	+	33118696	33118983	288
ENSG0000(	5.830795	2.012704	1.3601	0.22416	0.31667	RP11-342N	chr10	+	81142084	81169030	511
ENSG0000(	0.995923	0.686276	0.39213	0.8081	NA	AC006159.	chr7	-	1.16E+08	1.16E+08	386
ENSG0000(	0.290301	0	0.4146	0.81455	NA	WI2-2998D	chr1	-	2.24E+08	2.24E+08	886
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP5-930J4.	chr1	-	21019227	21020506	479
ENSG0000(	1.701545	3.144102	-0.76175	0.53455	0.63545	DPY19L2P4	chr7	+	89748714	89754914	2335

ENSG0000(	87.00237	78.77994	0.14546	0.55735	0.65634	RP11-357C	chrX	-	62729822	62780929	529
ENSG0000(	0	2.367995	-2.6905	0.093451	0.15263	RP11-214J	chr2	-	26324186	26325005	820
ENSG0000(	1.722083	1.188058	0.36823	0.80592	0.86274	XXbac-B47	chr22	-	18465971	18466385	361
ENSG0000(	0	1.577319	-1.9089	0.27608	NA	RP1-279N1	chrX	-	75875899	75876960	1062
ENSG0000(	1.08924	0.297015	0.89622	0.61378	NA	RP11-3L8.3	chr9	-	12700100	12814344	799
ENSG0000(	5.228841	4.850927	0.09539	0.91186	0.93966	RP11-480I1	chr1	-	2.03E+08	2.03E+08	190
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-142A	chr7	-	91010093	91186163	202
ENSG0000(	10.86102	13.17124	-0.24989	0.68957	0.7686	TOPORS-AS	chr9	+	32551142	32567003	1000
ENSG0000(	3.620613	6.03328	-0.6881	0.4091	0.51405	RP11-678B	chr7	+	53929926	53931032	1107
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP5-928E2	chrX	+	84465712	84474704	1135
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	TAB3P1	chrY	-	15265842	15274125	1634
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-513D	chr1	+	2.43E+08	2.43E+08	634
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	MRPL50P4	chr10	-	61311162	61311636	475
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-225H	chr10	-	1.05E+08	1.05E+08	640
ENSG0000(	3.205292	1.294874	1.1483	0.31956	0.42248	RP11-166C	chr7	+	66800963	66805011	489
ENSG0000(	92.37097	94.74092	-0.03782	0.86643	0.90701	RP11-122G	chr1	+	1.61E+08	1.61E+08	1806
ENSG0000(	0.290301	2.779947	-2.2957	0.13236	0.20479	AC006946.	chr22	+	17602476	17612994	1175
ENSG0000(	0.580602	4.432528	-2.3493	0.077168	0.12956	RP11-363D	chr2	-	97193677	97198043	440
ENSG0000(	2.67693	5.033005	-0.83738	0.39553	0.50002	RP11-133C	chr9	-	33785948	33818793	647
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RPL21P135	chr3	+	37789601	37790391	791
ENSG0000(	0.870904	0.297015	0.71032	0.69005	NA	GYG2-AS1	chrX	-	2770781	2771801	515
ENSG0000(	0.290301	1.309443	-1.2632	0.45557	NA	AC114755.	chr2	+	1.07E+08	1.07E+08	831
ENSG0000(	2.261609	13.65442	-2.425	0.004389	0.009858	JARID2-AS1	chr6	-	15248046	15248865	455
ENSG0000(	0	1.698704	-2.2257	0.18075	NA	DBF4P1	chr10	-	65928715	65930611	1892
ENSG0000(	0	10.99344	-5.0783	4.56E-05	0.000135	AC092415.	chr3	-	28038701	28070095	755
ENSG0000(	0.705622	9.058413	-3.3192	0.002627	0.00611	RP11-498P	chr9	+	99995483	99997296	281
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC012506.	chr2	-	23598100	23604170	572
ENSG0000(	36.94247	24.93675	0.55827	0.16572	0.24679	AC073046.	chr2	+	74212259	74213470	390
ENSG0000(	89.30863	87.7494	0.026876	0.91044	0.93856	RP4-639F2	chr1	+	95393122	95428826	952
ENSG0000(	0.943682	0	1.2438	0.48556	NA	RP11-693M	chr11	-	1.05E+08	1.05E+08	3530
ENSG0000(	2.956066	4.836358	-0.6631	0.4903	0.59429	RPS2P7	chr20	-	44269125	44270009	885
ENSG0000(	0.580602	4.288452	-2.3307	0.070419	0.11977	BX842568.	chrX	+	36975986	36976212	227
ENSG0000(	9.732336	5.750835	0.73087	0.31635	0.41904	RP4-756G2	chr22	-	41605126	41613631	2500
ENSG0000(	0	5.21105	-3.9509	0.004537	0.01017	AC011196.	chr15	-	26902177	26903910	595
ENSG0000(	3.184754	1.684135	0.8293	0.47456	0.57905	AC009505.	chr2	-	1.06E+08	1.06E+08	890
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	FTLP1	chr20	-	44603888	44604714	526
ENSG0000(	1.576526	0.357707	1.5817	0.31886	0.42176	RP5-1028L	chr1	-	1.11E+08	1.11E+08	508
ENSG0000(	0.975385	0.594029	0.4404	0.79523	NA	RP5-1073C	chr1	-	1.14E+08	1.14E+08	2117
ENSG0000(	4.107898	11.54705	-1.3989	0.07783	0.13041	AGAP1-IT1	chr2	+	2.36E+08	2.36E+08	664
ENSG0000(	9.835025	1.684135	2.362	0.010895	0.022714	AC087294.	chr17	+	21117644	21133348	1152
ENSG0000(	209.4066	3.884622	5.6289	1.85E-35	2.85E-34	RP11-383H	chr8	+	72740402	73030628	4220
ENSG0000(	0	5.499944	-3.9636	0.00515	0.011448	LINC00402	chr13	+	74805594	74834113	3340
ENSG0000(	8.007647	11.28804	-0.46367	0.46037	0.56573	RP11-230B	chr1	+	63154153	63176365	1228
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC087499.	chr17	+	20515980	20517321	1342
ENSG0000(	0.580602	2.681995	-1.6849	0.23529	0.32914	NDUFB11P	chr11	-	92069198	92069662	465
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	AC073551.	chr2	-	1.57E+08	1.57E+08	834
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-781D	chr1	-	39423947	39424597	350
ENSG0000(	138.6218	179.5928	-0.36852	0.058928	0.10283	RPL6P27	chr18	-	6462143	6463014	867
ENSG0000(	2.790785	1.98115	0.41134	0.72479	0.79633	AC005822.	chr17	-	16520162	16521195	1034
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	SUMO1P4	chr19	+	49778376	49778677	302
ENSG0000(	0.705622	2.263595	-1.3338	0.36945	0.474	NOL5BP	chr6	-	28751410	28751781	372
ENSG0000(	3.95199	30.04031	-2.8011	0.000124	0.000349	AC002310.	chr16	+	30546073	30548465	1445
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-334A	chr1	+	53580248	53584281	1871
ENSG0000(	14.06794	10.38813	0.41017	0.48638	0.59036	RP11-86H7	chr1	-	95086707	95089740	2272
ENSG0000(	4.023955	46.96908	-3.3939	6.66E-09	2.87E-08	NFAM1	chr22	-	42776416	42828401	5602
ENSG0000(	0	2.24661	-2.6365	0.10117	0.16301	LINC00533	chr6	-	28616063	28616843	537
ENSG0000(	1.753786	2.558194	-0.47196	0.73104	0.80136	AC073150.	chr7	-	27531301	27532384	1084
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC092580.	chr2	+	7865932	7870836	243
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	XXbac-B33I	chr22	-	20330726	20331888	446
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	AC007283.	chr2	-	2.02E+08	2.02E+08	197
ENSG0000(	5.746038	3.633731	0.63054	0.46835	0.57312	AC011247.	chr2	+	38828740	38829320	233
ENSG0000(	2.520208	7.98046	-1.5177	0.095931	0.15608	GAPDHP65	chrX	-	46299144	46300149	1006
ENSG0000(	22.06263	57.64356	-1.364	0.001185	0.002907	GNAS-AS1	chr20	-	57393974	57425958	1156
ENSG0000(	0.632843	0	0.81931	0.64303	NA	RBMS3-AS1	chr3	-	29968302	29975647	554
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	GAPDHP23	chr1	-	1.2E+08	1.2E+08	993

ENSG0000(	5.446363	0.297015	3.2688	0.015664	0.031606	AC013402.	chr2	+	1.05E+08	1.05E+08	3778
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-231K	chr9	+	96717879	96721422	1445
ENSG0000(	8.153204	75.07907	-3.1522	8.66E-15	5.61E-14	POU5F1P3	chr12	-	8286372	8287447	670
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP5-827C2	chr1	-	2.34E+08	2.34E+08	438
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	NKX1-1	chr4	-	1396720	1400119	1236
ENSG0000(	21.6852	2.041842	3.2509	3.78E-05	0.000113	AF127936.	chr21	-	16193529	16254296	1997
ENSG0000(	0.705622	3.215331	-1.8601	0.16276	0.24315	NSRP1P1	chr1	+	78312795	78314487	1693
ENSG0000(	0	1.387121	-1.6961	0.33794	NA	OR2A13P	chr7	+	1.44E+08	1.44E+08	930
ENSG0000(	0	4.383115	-3.5143	0.021216	0.041633	ST13P2	chr2	+	1.89E+08	1.89E+08	1109
ENSG0000(	3.516945	1.730259	0.86443	0.50328	0.60677	XXbac-B47	chr22	+	18584378	18584654	277
ENSG0000(	4.543757	1.888903	1.1239	0.27852	0.37904	RP11-324H	chr10	-	51780942	51827563	2177
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	RP11-156G	chr9	+	35507561	35507870	310
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	LINC00494	chr20	+	46988693	46999372	3544
ENSG0000(	0.580602	0.343138	0.37443	0.8337	NA	RP11-2K17	chr10	-	15028873	15031447	640
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-441F	chr9	+	30773462	30774730	1269
ENSG0000(	2.023549	2.932886	-0.49137	0.6637	0.74706	SNRPFP4	chr3	+	48202666	48202907	242
ENSG0000(	1.08924	1.280305	-0.19319	0.90559	0.93494	RNF148	chr7	-	1.22E+08	1.22E+08	1304
ENSG0000(	2.188831	1.058552	0.86554	0.54992	0.6497	AC016644.	chr5	+	56237134	56242979	434
ENSG0000(	10.11335	9.589333	0.078095	0.90036	0.93109	NUS1P1	chrX	-	47372001	47372882	882
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	AC092646.	chr2	+	1.24E+08	1.24E+08	2095
ENSG0000(	1.08924	3.022717	-1.2232	0.38294	0.48704	LINC00484	chr9	+	93922051	93927858	2745
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP1-69M2	chr1	+	11669588	11673412	1285
ENSG0000(	2.914991	0	3.062	0.044848	0.080877	MXRA5P1	chrY	+	14077914	14108092	8000
ENSG0000(	1.555988	5.164927	-1.5251	0.15821	0.23759	AC064850.	chr2	-	1.36E+08	1.36E+08	1398
ENSG0000(	9.264774	4.836358	0.87958	0.2361	0.33012	RP11-545I	chr6	+	1.46E+08	1.46E+08	715
ENSG0000(	361.7451	714.2803	-0.97984	5.03E-09	2.19E-08	H3F3AP4	chr2	+	1.76E+08	1.76E+08	1022
ENSG0000(	0.36308	0.997859	-1.0294	0.53423	NA	LINC00345	chr13	-	53058296	53058815	285
ENSG0000(	0.36308	2.96444	-2.3798	0.10651	0.17028	AC005682.	chr7	-	22928990	22980809	675
ENSG0000(	0	1.964165	-2.2052	0.20143	0.2901	RPL21P40	chr3	+	32071688	32072170	483
ENSG0000(	0	2.041842	-2.4837	0.12741	0.19837	AC090286.	chr17	+	18811592	18812178	587
ENSG0000(	2.37465	0.343138	1.9239	0.23867	0.3333	RP11-109P	chr1	+	38306658	38307348	691
ENSG0000(	9.784576	3.428963	1.4278	0.10224	0.16435	NPM1P26	chr10	+	98319942	98320679	738
ENSG0000(	5.499418	3.541484	0.56106	0.55031	0.65006	AC008746.	chr19	+	54958008	54958225	218
ENSG0000(	0.290301	0.951736	-0.90191	0.60254	NA	AC018442.	chr8	+	1.01E+08	1.01E+08	2061
ENSG0000(	0.342542	1.309443	-1.2504	0.45877	NA	PPIAP20	chr19	+	12618943	12619077	135
ENSG0000(	0.342542	160.6365	-7.9078	4.15E-15	2.74E-14	AC116614.	chr2	-	945320	945960	532
ENSG0000(	0.923144	1.591889	-0.6117	0.66675	0.74946	RP11-395P	chr3	+	47705116	47705424	309
ENSG0000(	0.342542	0.594029	-0.38792	0.8278	NA	PA2G4P2	chr20	+	12360704	12361903	1200
ENSG0000(	1.991846	0.686276	1.2111	0.41079	0.51562	CYCSP52	chr1	+	1.57E+08	1.57E+08	310
ENSG0000(	0.653381	1.40169	-0.79346	0.61259	0.70485	PCBP2P1	chr21	-	40543056	40544032	977
ENSG0000(	27.242	34.43229	-0.32999	0.42727	0.53263	RP13-507I	chrX	+	1.49E+08	1.49E+08	3414
ENSG0000(	0	1.713273	-2.2094	0.18675	NA	AC023490.	chr22	+	20377669	20378803	853
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-342M	chr10	-	81265833	81270678	1594
ENSG0000(	15.4038	75.46853	-2.2397	2.79E-05	8.49E-05	DICER1-AS1	chr14	+	95623982	95646263	2323
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	ANKRD34C	chr15	+	79575146	79590580	5423
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP4-604G5	chr7	+	99590020	99590673	654
ENSG0000(	1.722083	0.686276	0.99948	0.51521	0.61808	RP11-340I	chr7	+	63353664	63355019	1356
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC013268.	chr2	+	1.11E+08	1.11E+08	2324
ENSG0000(	2.67693	1.012429	1.1856	0.36205	0.46631	AC009299.	chr2	-	1.62E+08	1.62E+08	1072
ENSG0000(	1.338465	11.85863	-2.9253	0.001834	0.004364	AC010148.	chr2	-	2.36E+08	2.36E+08	1652
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC007349.	chr7	+	36820613	36822394	872
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-29O6	chrX	+	1.43E+08	1.43E+08	343
ENSG0000(	0.580602	0	0.8036	0.6494	NA	OR2AF1P	chrX	+	1.31E+08	1.31E+08	889
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC124997.	chr15	-	25729978	25823938	2491
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	RP3-522P1	chr6	-	25245584	25261639	745
ENSG0000(	6.919221	13.97003	-0.98281	0.099691	0.16105	HMGN1P3	chr2	+	98443711	98444013	303
ENSG0000(	2.064625	3.154639	-0.55925	0.64676	0.73302	RP11-436I	chr6	-	1.44E+08	1.44E+08	1699
ENSG0000(	0	1.355566	-1.9006	0.26573	NA	CTBP2P2	chr10	-	96406121	96407753	1334
ENSG0000(	1.722083	3.784254	-1.0111	0.38043	0.48446	RP11-32D1	chr1	-	1.97E+08	1.97E+08	560
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-634B	chr1	+	2.48E+08	2.48E+08	1541
ENSG0000(	0	2.200487	-2.3588	0.16874	0.25044	KIAA0040	chr1	-	1.75E+08	1.75E+08	4564
ENSG0000(	1.866827	15.8104	-2.8592	0.000487	0.001266	AC138655.	chr2	+	47754676	47762338	434
ENSG0000(	0.653381	0	0.82678	0.64037	NA	SNRPGP5	chr10	-	13146574	13146793	220
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	BRD7P5	chr13	-	95409705	95411526	1822
ENSG0000(	152.182	0.951736	6.8939	2.26E-20	1.94E-19	LINC00607	chr2	-	2.16E+08	2.17E+08	3690

ENSG0000(	48.97733	13.0814	1.8729	7.28E-05	0.000211	AP001625.	chr21	-	43980484	43982044	575
ENSG0000(	0.653381	1.294874	-0.76351	0.61066	0.70317	AC000089.	chr22	+	19779817	19780617	801
ENSG0000(	0.632843	1.995719	-1.3071	0.35187	0.456	XXbac-BPG	chr6	+	30484043	30486994	851
ENSG0000(	0.705622	1.073121	-0.39679	0.81492	NA	HNRNPA1P	chr13	-	94047230	94048108	879
ENSG0000(	0	2.399549	-2.7165	0.088838	0.14612	AL109767.	chr14	+	99729285	99731072	564
ENSG0000(	1.431782	3.947731	-1.2916	0.30079	0.40225	ZNRF3-IT1	chr22	+	29388709	29414608	674
ENSG0000(	10.92345	0.98329	3.158	0.00142	0.00344	RP11-73M	chr1	+	32110590	32125539	872
ENSG0000(	2.656392	3.114963	-0.19055	0.86498	0.90608	RP11-421L	chr1	+	1.01E+08	1.01E+08	671
ENSG0000(	0.943682	0.343138	0.89828	0.6031	NA	HCFC1-AS1	chrX	+	1.53E+08	1.53E+08	350
ENSG0000(	1.233984	1.248751	-0.01102	0.99422	0.99669	RP4-646N3	chrX	+	38629584	38658911	1180
ENSG0000(	3.028845	1.949596	0.54535	0.63155	0.72079	PRELID1P3	chr10	+	65187057	65187713	657
ENSG0000(	0.342542	0.700845	-0.57269	0.74414	NA	RP5-1022P	chr20	+	5514274	5516535	473
ENSG0000(	1.503747	4.49322	-1.346	0.2491	0.34541	IFITM4P	chr6	-	29718506	29718925	420
ENSG0000(	547.3401	420.9416	0.37892	0.017872	0.035667	LINC00263	chr10	+	1.02E+08	1.02E+08	2551
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RPL36AP2(	chr7	-	15741057	15741377	321
ENSG0000(	0	3.100394	-3.0831	0.046478	0.083487	TBCAP2	chr1	-	15018625	15019109	326
ENSG0000(	10.5827	12.57237	-0.23206	0.72553	0.79697	BHLHE40-A	chr3	-	4938493	5021646	2356
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CNN2P3	chr9	-	69498582	69499487	906
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP1-60N8.	chrX	+	17546558	17605281	1554
ENSG0000(	3.019472	1.416259	0.9562	0.44992	0.55551	AC073333.	chr7	-	16735496	16759523	648
ENSG0000(	1.45232	0	1.4544	0.41354	NA	RP11-356I2	chr6	-	1.38E+08	1.38E+08	1025
ENSG0000(	0.870904	1.387121	-0.42579	0.79563	0.8551	RP13-16H1	chr10	+	27006564	27007707	485
ENSG0000(	0.342542	0.98329	-0.93492	0.58786	NA	RMDN2-AS	chr2	-	38177144	38294184	859
ENSG0000(	7.333728	12.32074	-0.70783	0.33423	0.43769	AC005540.	chr2	-	1.92E+08	1.92E+08	919
ENSG0000(	8.974473	94.09662	-3.3457	6.72E-15	4.38E-14	AC006978.	chr7	+	30410987	30412357	1234
ENSG0000(	0.290301	0.700845	-0.56655	0.74739	NA	AC005237.	chr2	+	2.42E+08	2.42E+08	219
ENSG0000(	70.47941	82.80065	-0.2312	0.43016	0.5356	B3GALT4	chr6	+	33244917	33246602	1686
ENSG0000(	0	1.788535	-1.712	0.33711	NA	HSPA8P6	chr2	-	2.1E+08	2.1E+08	1552
ENSG0000(	334.2495	9.392687	5.0883	9.57E-57	2.58E-55	GSN-AS1	chr9	-	1.24E+08	1.24E+08	4763
ENSG0000(	0.290301	4.585467	-3.0621	0.023697	0.045992	RP1-102G2	chr1	-	1.75E+08	1.75E+08	334
ENSG0000(	5.426639	3.305162	0.65403	0.47382	0.57839	RP11-335C	chr12	-	68052771	68064699	777
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	ARHGEF7-A	chr13	-	1.12E+08	1.12E+08	777
ENSG0000(	0.72616	0	0.85004	0.63064	NA	FEM1AP4	chr13	+	19239375	19241361	1987
ENSG0000(	7.531526	6.157081	0.28957	0.72068	0.79332	AP001468.	chr21	-	47612391	47613673	804
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-59O6	chr9	-	267966	273002	406
ENSG0000(	29.38878	25.96287	0.18116	0.73054	0.80108	RP11-77I2.	chr12	+	30947977	30955645	1645
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-763B	chr1	+	1.49E+08	1.49E+08	408
ENSG0000(	0.290301	0.700845	-0.56655	0.74739	NA	AF064858.	chr21	-	40360633	40378079	1412
ENSG0000(	6.431935	27.6456	-2.058	0.001052	0.002599	TSPEAR-AS1	chr21	+	45926690	45935738	1388
ENSG0000(	1.370168	0	1.3929	0.43293	NA	RP11-460E	chr9	+	70348573	70349113	541
ENSG0000(	1.048164	4.553913	-1.8798	0.11616	0.18368	TM4SF19-A	chr3	+	1.96E+08	1.96E+08	1829
ENSG0000(	1.08924	0	1.1858	0.50299	NA	RP11-345L	chr6	+	53493178	53496192	566
ENSG0000(	1.068702	0.297015	0.9938	0.56435	NA	RP11-626E	chr4	+	1.87E+08	1.87E+08	618
ENSG0000(	0.632843	1.888903	-1.2375	0.39258	0.49697	CPB2-AS1	chr13	+	46627037	46687467	747
ENSG0000(	3.298608	2.96444	0.13647	0.8948	0.92699	RBMS3-AS3	chr3	-	29305685	29332217	613
ENSG0000(	1.742621	1.294874	0.31987	0.81926	0.873	RP4-580O1	chr1	-	33977608	33978343	736
ENSG0000(	11.47235	4.510205	1.2724	0.083581	0.13872	RHOA-IT1	chr3	-	49402578	49404439	517
ENSG0000(	2.375464	1.730259	0.38912	0.76736	0.83178	AP006216.	chr11	+	1.17E+08	1.17E+08	563
ENSG0000(	0.36308	1.98115	-1.8644	0.22572	0.31845	RP1-159A1	chr1	+	27975930	27976121	192
ENSG0000(	23.1134	53.37464	-1.2035	0.001513	0.003651	ASH1L-AS1	chr1	+	1.56E+08	1.56E+08	1955
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC073109.	chr7	-	11859943	11860920	978
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	ZNRF2P3	chr10	+	81741595	81741968	374
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP13-650G	chr7	+	1.01E+08	1.01E+08	171
ENSG0000(	18.70502	3.884622	2.1674	0.000891	0.002229	NEXN-AS1	chr1	-	78347033	78355224	2292
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	C10orf40	chr10	-	61715188	61720671	4329
ENSG0000(	1.068702	0	1.3672	0.44297	NA	AC007405.	chr2	-	1.72E+08	1.72E+08	547
ENSG0000(	0.653381	0.297015	0.51304	0.77085	NA	AC008280.	chr2	-	54256689	54257819	412
ENSG0000(	31.15454	50.46357	-0.69471	0.030874	0.05817	ZNF815P	chr7	+	5862791	5894066	2750
ENSG0000(	3.22583	2.338857	0.43421	0.67672	0.75794	AC002543.	chr7	-	1.17E+08	1.17E+08	1954
ENSG0000(	12.07349	2.855208	1.9195	0.030967	0.058331	LL0XNC01-	chrX	-	1.03E+08	1.03E+08	496
ENSG0000(	3.76617	0.700845	2.0666	0.10848	0.17295	EGOT	chr3	-	4790876	4793274	1464
ENSG0000(	1.379541	0	1.686	0.34092	NA	AC061961.	chr2	-	1.56E+08	1.56E+08	432
ENSG0000(	51.19982	154.0162	-1.5854	4.16E-09	1.82E-08	TTC28-AS1	chr22	+	28315364	28404569	5859
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC096582.	chr7	-	45855815	45858615	2801
ENSG0000(	1.359003	4.135513	-1.4528	0.19979	0.28838	COX7CP1	chr13	-	49761615	49761806	192

ENSG0000(	8.361354	5.614881	0.55695	0.454	0.55936	UBOX5-AS1	chr20	+	3087559	3131513	1792
ENSG0000(	18.65196	16.15024	0.21419	0.66129	0.74503	PNMA6C	chrX	+	1.52E+08	1.52E+08	2255
ENSG0000(	0.870904	0	1.046	0.5544	NA	RP11-462L	chr10	-	33346543	33347343	793
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	FXYD6P2	chr10	-	38380692	38380979	288
ENSG0000(	1.919068	0	2.4151	0.13977	0.21349	COX5BP3	chr7	-	1.33E+08	1.33E+08	367
ENSG0000(	0.290301	1.727843	-1.5606	0.3514	0.45573	VN2R19P	chr19	-	58523957	58537294	1052
ENSG0000(	4.689314	1.545765	1.3788	0.21965	0.31146	AC018816.	chr3	-	4855978	4928977	509
ENSG0000(	0	1.280305	-1.6305	0.35731	NA	AC004448.	chr17	-	19342456	19364305	1072
ENSG0000(	0.290301	1.964165	-1.7606	0.2818	0.38282	AC007875.	chr7	+	97512594	97513107	514
ENSG0000(	74.80141	124.8197	-0.72807	0.017972	0.035832	MORC2-AS	chr22	+	31318295	31328436	2170
ENSG0000(	1.338465	1.012429	0.3227	0.8235	0.87542	RP11-323D	chr1	+	2.42E+08	2.42E+08	421
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-143H	chrX	+	1.54E+08	1.54E+08	755
ENSG0000(	0	10.70213	-5.0421	5.58E-05	0.000164	RP3-470B2	chr6	-	1.68E+08	1.68E+08	1016
ENSG0000(	1.669842	3.708992	-1.0155	0.37956	0.48363	AC109642.	chr2	+	30569525	30575297	2952
ENSG0000(	85.71458	60.99981	0.48414	0.081323	0.13546	RP11-403I	chr1	+	1.49E+08	1.49E+08	1986
ENSG0000(	14.97992	5.194065	1.4595	0.025068	0.048372	CTB-75G16	chr17	-	34930301	34931164	864
ENSG0000(	1.555988	1.029414	0.44648	0.78109	0.84292	AC007050.	chr22	-	20876357	20878157	652
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP4-800M	chr1	-	52655588	52655981	394
ENSG0000(	0.995923	8.306612	-2.7309	0.012605	0.02595	AC011747.	chr2	-	8699963	8723922	8839
ENSG0000(	6.245302	4.320007	0.50627	0.52987	0.6313	AC011290.	chr7	-	39608975	39609797	823
ENSG0000(	1.338465	6.581186	-2.1101	0.034926	0.065021	RP1-3J17.3	chr6	+	86340080	86340995	916
ENSG0000(	42.29633	35.39698	0.24294	0.49762	0.60137	ASMTL-AS1	chrX	+	1520662	1532921	840
ENSG0000(	1.338465	4.349145	-1.5287	0.15924	0.23875	RP4-814D1	chr7	-	1.57E+08	1.57E+08	766
ENSG0000(	1.048164	1.234181	-0.21521	0.88909	0.92285	RP11-195C	chr1	+	1.76E+08	1.76E+08	579
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	AL953854.	chr9	-	47295855	47314322	4523
ENSG0000(	2.479946	2.200487	0.11193	0.93457	0.95713	RP11-269F	chr1	+	2.44E+08	2.44E+08	751
ENSG0000(	1.576526	0.343138	1.5802	0.31968	0.42255	RP11-90O2	chr1	-	2.04E+08	2.04E+08	792
ENSG0000(	2.551911	1.387121	0.77093	0.5524	0.65181	AC019117.	chr7	-	17474101	17500296	589
ENSG0000(	0.943682	2.779947	-1.2756	0.34912	0.45339	FABP5P2	chr13	+	52540878	52541285	408
ENSG0000(	3.132513	0.297015	2.4897	0.09008	0.14789	RP3-467K1	chr1	-	15660662	15661960	727
ENSG0000(	9.149128	3.616746	1.2654	0.11749	0.18545	AC073410.	chr2	+	2.03E+08	2.03E+08	589
ENSG0000(	1.265686	0	1.6147	0.36215	NA	AC013470.	chr7	+	12510978	12512171	1194
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	AC104777.	chr2	-	1.51E+08	1.51E+08	2528
ENSG0000(	0.653381	1.326428	-0.74096	0.63999	0.72726	MYCBP2-AS	chr13	+	77649649	77672677	834
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-259F	chr13	+	1.1E+08	1.1E+08	664
ENSG0000(	0	1.073121	-1.1788	0.50551	NA	LL22NC03-	chr22	+	32979286	32980190	457
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-423C	chr1	-	1.43E+08	1.43E+08	593
ENSG0000(	0.290301	0	0.4146	0.81455	NA	GAPDHP14	chr21	+	30594642	30595578	937
ENSG0000(	1.359003	2.200487	-0.60515	0.65175	0.73718	RP11-215A	chr10	-	1.21E+08	1.21E+08	549
ENSG0000(	3.620613	1.012429	1.6011	0.18785	0.27393	HSPB1P1	chr9	-	74622797	74623052	256
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	GSTM5P1	chr3	-	12299300	12299959	660
ENSG0000(	0	3.305162	-3.2461	0.030518	0.057606	RP6-191P2	chrX	-	1.07E+08	1.07E+08	2090
ENSG0000(	0.995923	3.010564	-1.3579	0.28402	0.3853	RP1-117O3	chr1	+	33452676	33498070	1680
ENSG0000(	2.770247	2.382564	0.18208	0.88313	0.91853	RP11-389C	chr1	+	1.14E+08	1.14E+08	436
ENSG0000(	51.24766	0	7.253	5.51E-11	2.78E-10	RP5-1011C	chr1	+	1.92E+08	1.93E+08	684
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	RP11-281B	chrX	+	34405839	34406581	743
ENSG0000(	0	1.058552	-1.361	0.4451	NA	RP11-487E	chr1	-	21400132	21400246	115
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-121P	chr6	-	40469370	40470132	292
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-232D	chrX	-	1.16E+08	1.16E+08	957
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC095067.	chr7	+	47661537	47669491	2761
ENSG0000(	0.653381	0	0.82678	0.64037	NA	AC074389.	chr7	-	1778266	1781927	637
ENSG0000(	6.256467	0	4.1905	0.002276	0.005337	RP11-217L	chr11	-	1.31E+08	1.31E+08	149
ENSG0000(	4.906837	25.99221	-2.2413	0.012223	0.025232	OR13E1P	chr9	-	35859059	35859980	922
ENSG0000(	1.027626	0.357707	0.84252	0.63507	NA	HMGN2P2	chr6	+	2341684	2341950	267
ENSG0000(	126.1712	43.87997	1.5106	2.68E-08	1.10E-07	COX10-AS1	chr17	-	13659795	13972812	2998
ENSG0000(	3.890376	0	3.4902	0.017191	0.034412	RP3-473B4	chrX	+	1.34E+08	1.34E+08	961
ENSG0000(	0.342542	2.855208	-2.1918	0.16479	0.2457	LINC00545	chr13	+	31456688	31457532	411
ENSG0000(	1.722083	1.012429	0.60973	0.66695	0.74965	RP11-49O1	chr9	+	97662711	97667036	779
ENSG0000(	2.697468	0	2.9287	0.058655	0.10242	RP11-148B	chr1	-	94784035	94790125	592
ENSG0000(	835.5026	270.8551	1.6183	3.55E-17	2.62E-16	ZBTB22	chr6	-	33282183	33285719	2651
ENSG0000(	0.342542	14.27833	-4.58	0.000147	0.000409	AC010729.	chr2	+	5866581	5870474	1746
ENSG0000(	0.342542	2.010288	-1.8748	0.22334	0.31569	AC010127.	chr2	+	1.67E+08	1.67E+08	2305
ENSG0000(	0.632843	0	0.81931	0.64303	NA	RP11-383G	chr1	+	2.05E+08	2.05E+08	305
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-62C3	chr9	+	94967638	94972440	333
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP4-754E2	chr22	+	43796337	43805687	951

ENSG0000(	0	1.043983	-1.3473	0.44976	NA	AP000688.	chr21	+	37455157	37462712	348
ENSG0000(	1.431782	0.640152	0.81272	0.60712	0.70004	RP11-733C	chrX	-	5571462	5644346	860
ENSG0000(	0	1.416259	-1.7181	0.33141	NA	CEACAMP1	chr19	-	43783085	43788470	583
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	AP002856.	chr11	+	1.31E+08	1.31E+08	635
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-23B1	chr9	-	1.01E+08	1.01E+08	204
ENSG0000(	1.628766	0.997859	0.59457	0.65694	0.74154	CTA-440B3	chr22	-	32212365	32213477	477
ENSG0000(	4.637074	5.422266	-0.20467	0.80669	0.86338	RP11-27K1	chr1	-	1.18E+08	1.18E+08	1814
ENSG0000(	6.608382	3.322147	0.93405	0.26851	0.36741	RP11-413E	chr3	+	75718082	75719336	1255
ENSG0000(	1.701545	1.340997	0.28247	0.82671	0.87795	RP11-89F3	chr1	-	1.48E+08	1.48E+08	381
ENSG0000(	49.98458	209.3759	-2.0603	1.75E-14	1.11E-13	AD000090	chr19	-	36031640	36036931	3911
ENSG0000(	0.36308	0	0.4146	0.81455	NA	MRPS36P1	chr3	-	6814724	6815030	307
ENSG0000(	1.048164	1.874334	-0.68846	0.64108	0.72806	AC104076.	chr2	-	1.82E+08	1.82E+08	265
ENSG0000(	0	47.89335	-7.1386	2.33E-10	1.13E-09	RP11-343J	chr10	+	71335563	71336910	503
ENSG0000(	3.309773	24.94574	-2.8182	2.05E-05	6.35E-05	RP11-231P	chr1	+	26536232	26556331	2108
ENSG0000(	6.506506	6.405556	0.015269	0.98575	0.99164	CHCHD4P3	chr9	+	37434174	37434583	410
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-187C	chr9	-	45424050	45424634	585
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	RP3-343K2	chr20	-	35794177	35794715	539
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC092687.	chr2	+	10857899	10861078	568
ENSG0000(	3.319146	5.627034	-0.70515	0.46364	0.56867	PRADC1P1	chr3	+	37017807	37018331	525
ENSG0000(	6.608382	8.85935	-0.41317	0.53685	0.63775	RP3-523C2	chr6	+	1.32E+08	1.32E+08	552
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	AC097517.	chr2	-	6755722	6790667	1240
ENSG0000(	1.027626	0.357707	0.84252	0.63507	NA	RP1-182D1	chr6	-	1.7E+08	1.7E+08	694
ENSG0000(	6.587844	11.56162	-0.79092	0.24667	0.3426	TCEA1P4	chr9	-	32979558	32980401	844
ENSG0000(	0.685084	0	0.85004	0.63064	NA	GJA6P	chrX	+	18553199	18554240	1042
ENSG0000(	1.161205	0.654722	0.56875	0.73595	NA	PRKX-AS1	chrX	+	3577528	3586233	516
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP3-431C2	chrX	+	86143589	86143819	231
ENSG0000(	0.290301	4.989297	-3.179	0.017329	0.03467	AC003104.	chr17	-	40422535	40424701	855
ENSG0000(	0	4.363714	-3.6679	0.010595	0.022151	AC002429.	chr7	-	94784025	94843644	2569
ENSG0000(	20.24723	1.730259	3.3575	0.000102	0.00029	RP11-264I	chr9	-	2041900	2046023	420
ENSG0000(	14.95001	10.18336	0.53317	0.33547	0.4391	KDM4A-AS	chr1	-	44165436	44173809	833
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	GRM7-AS1	chr3	-	7561428	7602020	430
ENSG0000(	2.935529	11.00559	-1.8027	0.019453	0.038494	AC092594.	chr2	-	19167729	19546509	1949
ENSG0000(	0.943682	0.357707	0.90033	0.60199	NA	RP11-306I	chr1	+	1.66E+08	1.66E+08	492
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	AC068137.	chr2	+	1.31E+08	1.31E+08	1542
ENSG0000(	0	3.397409	-3.273	0.029074	0.055192	AC009262.	chr7	+	34249138	34295955	510
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	RP11-645N	chr7	+	1.03E+08	1.03E+08	333
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	VEZF1P1	chr3	-	1.93E+08	1.93E+08	1541
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-400N	chr1	-	2.22E+08	2.23E+08	675
ENSG0000(	1.597063	0	1.9181	0.27352	NA	AC017048.	chr2	-	1.77E+08	1.77E+08	822
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC004112.	chr7	+	1.12E+08	1.12E+08	1106
ENSG0000(	1.555988	2.840639	-0.73103	0.56087	0.65951	RP11-12A2	chr9	+	67792167	67794649	2483
ENSG0000(	2.302685	1.043983	0.96986	0.46945	0.5742	AC091132.	chr17	+	43530210	43541431	769
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-744C	chr3	-	1.75E+08	1.75E+08	1715
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-292B	chr9	+	40479776	40481177	1402
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-15J1(	chr9	-	70113593	70124467	1263
ENSG0000(	0	3.619162	-3.3807	0.022552	0.04399	SLC25A3P1	chr1	-	53878821	53905693	2531
ENSG0000(	0.290301	0.715414	-0.50514	0.77701	NA	MTND4P14	chr9	+	5107937	5109290	1354
ENSG0000(	15.39443	73.34231	-2.2212	5.53E-09	2.39E-08	AC009404.	chr2	+	1.19E+08	1.19E+08	3090
ENSG0000(	2.822488	4.022992	-0.47757	0.66628	0.74917	DIAPH2-AS	chrX	-	96686257	96897588	1128
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC017083.	chr2	+	68352397	68352879	483
ENSG0000(	0	2.543625	-2.8094	0.076886	0.12916	SHANK2-AS	chr11	+	70492270	70493667	356
ENSG0000(	2.645227	6.179772	-1.1405	0.22503	0.31766	RPL26P30	chr11	-	2356362	2357006	645
ENSG0000(	1.359003	1.773966	-0.30093	0.82975	0.88011	RP3-467L1	chr1	-	7870302	7887402	830
ENSG0000(	0.36308	0.640152	-0.51156	0.77091	NA	RP11-170N	chr1	-	83439565	83451891	1526
ENSG0000(	4.056471	6.765679	-0.69971	0.40635	0.51117	ENO1-IT1	chr1	-	8935847	8938066	744
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP4-728D4	chr1	+	35975343	35977039	1003
ENSG0000(	0.705622	0	0.8807	0.6196	NA	PEBP1P3	chr1	-	1.99E+08	1.99E+08	548
ENSG0000(	0	6.639462	-4.2424	0.002209	0.00519	CLEC2L	chr7	+	1.39E+08	1.39E+08	2190
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	AC093106.	chr7	-	1.31E+08	1.31E+08	507
ENSG0000(	573.5044	682.0126	-0.24905	0.17831	0.26215	ZBED5	chr11	-	10833621	10880343	3677
ENSG0000(	0.290301	1.370136	-1.2908	0.44733	NA	EEF1GP7	chr1	+	53038786	53039488	703
ENSG0000(	8.422968	23.73983	-1.4516	0.006769	0.01469	GUSBP5	chr4	+	1.44E+08	1.45E+08	1989
ENSG0000(	0.290301	1.326428	-1.262	0.45814	NA	MRGPRG-A	chr11	+	3239562	3244361	1818
ENSG0000(	0.870904	0	1.046	0.5544	NA	AP001189.	chr11	+	76368100	76374910	1426
ENSG0000(	3.101624	10.93604	-1.728	0.05154	0.091345	RP11-126L	chr7	-	1E+08	1E+08	369

ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	AC104651.	chr2	+	1.13E+08	1.13E+08	430	
ENSG0000(	5.913925	7.002001	-0.22691	0.77158	0.83546	RP11-316M	chr10	+	1.02E+08	1.02E+08	578	
ENSG0000(	1.306762	0	1.6479	0.35189	NA	AC005027.	chr7	-	41706766	41744933	386	
ENSG0000(	1.701545	3.604593	-0.97977	0.38759	0.49168	RP11-348H	chr1	-	2.13E+08	2.13E+08	192	
ENSG0000(	2.572449	0	2.8674	0.066043	0.11336	AC019117.	chr7	+	17414491	17506288	837	
ENSG0000(	1.431782	1.280305	0.090606	0.95177	0.96991	RP3-403L1	chr6	-	1.58E+08	1.58E+08	372	
ENSG0000(	0	2.041842	-2.4837	0.12741	0.19837	AC005300.	chr22	+	17673826	17674198	373	
ENSG0000(	0.995923	0.654722	0.44529	0.7735	NA	RP11-759F	chr1	+	1.54E+08	1.54E+08	271	
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	AC096591.	chr2	+	1.12E+08	1.12E+08	886	
ENSG0000(	44.42338	62.29381	-0.49201	0.12461	0.1948	TRHDE-AS1	chr12	-	72647288	72668687	4733	
ENSG0000(	0.342542	0	0.4146	0.81455	NA	PPIAL4G	chr1	-	1.44E+08	1.44E+08	738	
ENSG0000(	0	6.16037	-4.1471	0.002907	0.006713	RP3-430A1	chr6	-	4774760	4775642	369	
ENSG0000(	4.12925	6.863631	-0.71834	0.38772	0.49181	FMR1-IT1	chrX	+	1.47E+08	1.47E+08	343	
ENSG0000(	5.487439	0.343138	3.2844	0.012913	0.026531	RP11-59D5	chr6	+	64516729	64532535	1454	
ENSG0000(	1.286224	0.686276	0.68637	0.66207	0.74577	RP11-346D	chr6	+	1.14E+08	1.14E+08	597	
ENSG0000(	3.22583	2.307303	0.4431	0.67585	0.75727	SUCLG2P2	chr12	+	94942017	94943312	1296	
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	AC005220.	chr20	+	52556699	52559047	884	
ENSG0000(	7.293466	7.532922	-0.05262	0.93913	0.95999	RP11-525G	chr1	-	1.66E+08	1.66E+08	347	
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-440G	chr6	-	1.43E+08	1.43E+08	2293	
ENSG0000(	0	39.85053	-6.9058	8.11E-10	3.77E-09	RP5-865N1	chr1	-	2.32E+08	2.32E+08	2241	
ENSG0000(	1.939605	1.043983	0.76151	0.57836	0.67484	POU5F1P5	chr10	-	69770184	69770601	418	
ENSG0000(	0.870904	0.343138	0.71634	0.68735	NA	AC084809.	chr17	+	31232680	31233602	512	
ENSG0000(	0.36308	6.581186	-3.5485	0.005594	0.012331	KRTAP10-1	chr21	+	46122136	46122706	571	
ENSG0000(	88.90546	8.524333	3.2926	3.27E-13	1.92E-12	LINC00854	chr17	-	41368960	41383338	980	
ENSG0000(	0	1.744828	-2.0203	0.24683	NA	LINC00479	chr21	-	43131680	43135935	2033	
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-114M	chr3	-	1.77E+08	1.77E+08	723	
ENSG0000(	0.705622	0.640152	0.062329	0.97007	NA	ITCH-AS1	chr20	-	33029397	33029830	299	
ENSG0000(	1.016461	0	1.3167	0.46021	NA	RP1-287H1	chr6	-	1.35E+08	1.35E+08	929	
ENSG0000(	5.072119	4.884898	0.05781	0.95005	0.9688	RP11-25B7	chr1	-	2.02E+08	2.02E+08	579	
ENSG0000(	0.653381	1.294874	-0.76351	0.61066	0.70317	AC092573.	chr2	-	1.74E+08	1.74E+08	336	
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC100848.	chr18	+	61814443	61826533	637	
ENSG0000(	1.89853	1.387121	0.38362	0.79085	0.85104	RP11-320G	chrX	+	40122170	40146973	3000	
ENSG0000(	31.55707	13.85993	1.1746	0.021873	0.042802	DDX11L2	chr2	-	1.14E+08	1.14E+08	1651	
ENSG0000(	11.5272	66.97085	-2.5083	2.04E-07	7.74E-07	RP11-125B	chr9	-	2422702	2641395	3167	
ENSG0000(	1.411244	2.635871	-0.80772	0.51648	0.61921	NRADDP	chr3	+	47053032	47054636	691	
ENSG0000(	2.023549	0.594029	1.2868	0.39626	0.5008	NDUFAF4P3	chr3	-	37831412	37831936	525	
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	CTSL1P1	chr10	-	89146442	89149960	1002	
ENSG0000(	4.843431	15.23577	-1.5749	0.025542	0.04921	RP13-15E1	chr1	+	3816936	3833789	3059	
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-79M3	chr10	-	1.21E+08	1.21E+08	706	
ENSG0000(	0.705622	2.443257	-1.3691	0.36862	0.4733	KRT8P29	chr1	-	2.04E+08	2.04E+08	1371	
ENSG0000(	3.028845	12.72128	-1.9779	0.011298	0.023474	AC097662.	chr2	-	2.28E+08	2.28E+08	2568	
ENSG0000(	0.653381	0.700845	-0.04855	0.97667	NA	RP11-296A	chr1	-	51730588	51731746	435	
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	AP001891.	chr11	-	1.16E+08	1.16E+08	921	
ENSG0000(	36.06317	205.9984	-2.4975	2.68E-16	1.88E-15	FAM157A	chr3	+	1.98E+08	1.98E+08	2168	
ENSG0000(	2.956066	11.18122	-1.8211	0.020675	0.040647	RP11-175B	chr1	-	2.02E+08	2.02E+08	322	
ENSG0000(	0.342542	0	0.4146	0.81455	NA	UBE2L5P	chr13	+	31002084	31002656	573	
ENSG0000(	0	1.591889	-2.1342	0.20414	NA	ATG10-IT1	chr5	+	81287814	81288300	487	
ENSG0000(	8.391265	0.700845	3.2134	0.004133	0.009316	AC018890.	chr2	+	1.75E+08	1.76E+08	2400	
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC067956.	chr2	+	2.21E+08	2.22E+08	2062	
ENSG0000(	5.052394	0	3.8972	0.005222	0.011595	AC003092.	chr7	+	93652145	93695973	743	
ENSG0000(	4.148974	1.309443	1.468	0.20322	0.29208	AC005154.	chr7	-	30617128	30625588	1405	
ENSG0000(	0.36308	0.937167	-0.90039	0.60194	NA	RP4-785G1	chr20	-	32833759	32834343	585	
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC130689.	chr17	-	2118776	2119309	323	
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	HNRNPA1P	chr3	+	42930853	42931798	946	
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-523L	chr9	-	1.18E+08	1.18E+08	1525	
ENSG0000(	0.342542	0.654722	-0.52406	0.76557	NA	LINC00427	chr13	-	30890497	30894040	430	
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTA-796E4.	chr22	+	26557800	26560269	188	
ENSG0000(	11.70022	0	5.1351	4.70E-05	0.000139	RP11-443A	chr10	+	78647802	78740382	3566	
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC007040.	chr2	-	71229661	71291873	570	
ENSG0000(	1.213446	0.357707	1.1754	0.48976	NA	AC002401.	chr17	+	48212951	48223541	468	
ENSG0000(	0.975385	1.591889	-0.57358	0.68613	0.76584	GCNT1P1	chr20	-	18400804	18402098	1295	
ENSG0000(	0.943682	0.686276	0.31965	0.85031	NA	TRIM26BP	chr6	+	30206078	30210056	753	
ENSG0000(	4.875134	9.409672	-0.9029	0.23947	0.33413	AC012513.	chr2	-	2.17E+08	2.17E+08	1137	
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	PKMP1	chr1	+	1.15E+08	1.15E+08	1523	
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	AC002331.	chr16	-	26596076	26606134	294	

ENSG0000(	0.943682	2.436809	-1.063	0.47341	0.57796	CTD-3105H	chr19	+	12613489	12614920	841
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RRM2P2	chr1	-	1.61E+08	1.61E+08	652
ENSG0000(	0.995923	0	1.4959	0.39264	NA	RP11-537I	chr3	+	1.85E+08	1.85E+08	299
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP13-565C	chrX	-	1.34E+08	1.34E+08	730
ENSG0000(	0.923144	1.623443	-0.60734	0.68519	0.76508	EIF2S2P3	chr10	-	94428502	94429500	999
ENSG0000(	0.653381	2.529055	-1.593	0.24964	0.34596	RP11-89N1	chr7	-	33832780	33842768	1589
ENSG0000(	3.330311	5.704711	-0.72815	0.39938	0.50407	AC107081.	chr2	+	62095567	62113217	802
ENSG0000(	1.379541	0	1.686	0.34092	NA	EM:AC0065	chr22	+	20194100	20194706	607
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP4-680D5	chr1	-	15941138	15941362	225
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC079305.	chr2	-	1.78E+08	1.78E+08	567
ENSG0000(	0	3.414394	-3.1826	0.040436	0.074054	SIX3-AS1	chr2	-	45167293	45169012	844
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC011284.	chr7	-	3682447	3683416	856
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-32F1	chr9	+	3181589	3198517	886
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-162G	chr10	+	38146668	38148038	826
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC131180.	chr2	-	1.32E+08	1.32E+08	1225
ENSG0000(	1.846289	10.88662	-2.334	0.009181	0.019428	AL773604.	chr21	+	46222492	46224632	1031
ENSG0000(	1.359003	1.773966	-0.30093	0.82975	0.88011	GPC6-AS1	chr13	-	94806447	94840245	698
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-134F	chr3	-	1.86E+08	1.86E+08	534
ENSG0000(	27.03385	9.160396	1.5394	0.005686	0.012518	RP4-742J2	chr20	-	11890052	11899325	1831
ENSG0000(	1.359003	0	1.8987	0.26617	NA	ARF4P2	chr20	-	61503602	61504428	526
ENSG0000(	0.943682	1.248751	-0.30461	0.84378	0.89032	RP1-125I3.	chr1	+	26186104	26189911	849
ENSG0000(	0.290301	1.043983	-0.98014	0.57012	NA	RP13-254B	chr7	+	65305199	65305583	385
ENSG0000(	0	1.029414	-1.1526	0.51496	NA	AL035610.	chr21	-	29488413	29600986	4486
ENSG0000(	0.36308	0.640152	-0.51156	0.77091	NA	H3F3BP1	chr13	+	72249199	72249601	403
ENSG0000(	0.705622	3.441116	-1.8982	0.16294	0.24338	RC3H1-IT1	chr1	-	1.74E+08	1.74E+08	448
ENSG0000(	3.371387	0	3.2515	0.030778	0.058012	AC003986.	chr7	+	19159556	19161539	692
ENSG0000(	56.66151	17.97442	1.6286	8.11E-05	0.000234	RP11-732M	chr6	+	1.59E+08	1.59E+08	424
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	RP11-215I	chr1	-	1.79E+08	1.79E+08	9714
ENSG0000(	48.55117	22.61817	1.0868	0.002775	0.00643	AC006547.	chr22	-	20050503	20058045	930
ENSG0000(	0.36308	1.248751	-1.1986	0.48045	NA	MED28P7	chr20	-	25650493	25651022	530
ENSG0000(	0.72616	0	0.85004	0.63064	NA	AC008060.	chr7	-	1.55E+08	1.55E+08	534
ENSG0000(	3.362014	1.531196	0.93461	0.45123	0.55683	AP001619.	chr21	+	43290742	43292163	587
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	RP1-118J2	chr1	+	40363417	40364770	785
ENSG0000(	4.866575	2.185918	0.98963	0.3729	0.47728	RP11-510H	chr6	-	1.25E+08	1.25E+08	4507
ENSG0000(	4.709852	4.63159	0.012116	0.98849	0.99357	AC079807.	chr2	+	48110594	48111048	455
ENSG0000(	460.9252	710.8119	-0.62336	5.12E-06	1.70E-05	RPL13AP5	chr10	+	98510045	98510675	612
ENSG0000(	1.411244	1.430828	-0.01203	0.99403	0.99669	ASNSP3	chr13	-	1.01E+08	1.01E+08	1306
ENSG0000(	0.36308	4.847638	-2.8031	0.065485	0.11256	AC138655.	chr2	-	47713153	47715691	2007
ENSG0000(	0.72616	2.087966	-1.1167	0.48434	0.58847	RP11-243J	chr20	+	30274019	30304628	374
ENSG0000(	0.870904	0	1.046	0.5544	NA	YWHAQP5	chr2	+	99310572	99311953	1382
ENSG0000(	16.80486	26.03014	-0.61335	0.16316	0.24365	HNRNPA3P	chr13	-	66362064	66362896	833
ENSG0000(	2.250445	0.98329	0.94566	0.51337	0.61643	RP11-39K2	chr9	+	5110913	5112849	1937
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RAD23BP1	chr3	+	18580165	18581391	1227
ENSG0000(	0	2.292733	-2.7	0.088315	0.14543	RP11-22B1	chrX	+	51600064	51601162	1099
ENSG0000(	0	1.294874	-1.8547	0.27869	NA	SNRPGP14	chr13	+	50063106	50063500	219
ENSG0000(	11.62826	0.700845	3.6901	0.00047	0.001224	STARD13-A	chr13	+	33851690	33855471	900
ENSG0000(	0.36308	0.700845	-0.575	0.7429	NA	AP004290.	chr8	-	1E+08	1E+08	1412
ENSG0000(	4.253456	3.319731	0.33442	0.72753	0.79848	RP11-162J	chr6	-	1.49E+08	1.49E+08	130
ENSG0000(	0.653381	0	0.82678	0.64037	NA	S100A11P2	chr7	+	35208836	35209150	315
ENSG0000(	3.931452	6.598171	-0.70401	0.3904	0.49478	RANP1	chr6	+	30453717	30454367	651
ENSG0000(	0.342542	1.430828	-1.1489	0.51399	NA	AC023115.	chr2	+	67551759	67552436	574
ENSG0000(	359.9903	384.84	-0.09485	0.58678	0.68249	ZNF853	chr7	+	6655248	6663921	3857
ENSG0000(	0.36308	0	0.4146	0.81455	NA	BAK1P2	chr11	-	1.3E+08	1.3E+08	631
ENSG0000(	1.45232	3.636147	-1.0384	0.48976	0.59379	RP11-46H1	chr12	+	1.33E+08	1.33E+08	555
ENSG0000(	0.36308	3.071256	-2.3924	0.10785	0.17214	PITPNA-AS1	chr17	+	1420225	1421390	542
ENSG0000(	38.68428	54.66622	-0.49692	0.097332	0.15786	CCDC163P	chr1	-	45959538	45965751	2229
ENSG0000(	0.290301	1.355566	-1.3811	0.39332	NA	RP11-35J1.	chr6	-	77232168	77303340	570
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-211A	chr1	-	2.27E+08	2.27E+08	432
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTA-221G9	chr22	+	25608709	25609652	482
ENSG0000(	0.653381	5.721697	-2.6966	0.023886	0.046302	RP11-175D	chr9	+	1.28E+08	1.28E+08	617
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	LAMTOR5P	chr1	+	62504514	62504783	270
ENSG0000(	3.132513	0	3.1189	0.043187	0.078371	AC104801.	chr2	+	1.73E+08	1.73E+08	950
ENSG0000(	1.555988	2.414118	-0.49924	0.69689	0.77397	AC079780.	chr7	+	23520372	23520578	207
ENSG0000(	2.366091	0.594029	1.4713	0.32618	0.42908	RP11-83J2	chr9	+	1.34E+08	1.34E+08	462
ENSG0000(	0.632843	1.591889	-1.0299	0.48346	0.58754	AP001631.	chr21	-	44560633	44561202	422

ENSG0000(	0	4.600036	-3.763	0.007915	0.016934	AC114808.	chr2	-	1153996	1156110	536
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-85O2	chr9	-	1.27E+08	1.27E+08	2146
ENSG0000(	0	1.577319	-1.9089	0.27608	NA	AC006372.	chr7	+	1.57E+08	1.57E+08	1543
ENSG0000(	4.056471	1.966581	0.91468	0.41534	0.52042	KRT18P5	chr22	-	20837102	20838392	1291
ENSG0000(	9.732336	1.652581	2.3676	0.00977	0.020575	PRKG1-AS1	chr10	-	53990502	54073888	1111
ENSG0000(	0	2086.615	-12.143	2.11E-30	2.73E-29	RP11-69I8.	chr6	+	1.32E+08	1.32E+08	2305
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP4-792G4	chr1	-	63825494	63826850	1357
ENSG0000(	57.92222	14.71297	1.9394	1.50E-05	4.70E-05	MTX1P1	chr1	+	1.55E+08	1.55E+08	838
ENSG0000(	0	2.232041	-2.63	0.10215	0.16421	AP000688.	chr21	+	37432730	37436706	446
ENSG0000(	0	1.309443	-1.6539	0.35008	NA	RP11-296P	chr9	+	19026890	19028127	1238
ENSG0000(	4.305697	4.853343	-0.1733	0.84464	0.89103	AC068282.	chr2	+	1.28E+08	1.28E+08	2690
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP5-837O2	chr1	-	94392171	94393125	677
ENSG0000(	9.054997	26.27291	-1.4671	0.01096	0.022834	EIF1AXP1	chr1	-	17012116	17012550	435
ENSG0000(	0.290301	0.98329	-0.92952	0.59103	NA	ARHGEF38	chr4	+	1.06E+08	1.07E+08	5454
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	MYB-AS1	chr6	-	1.36E+08	1.36E+08	449
ENSG0000(	0	1.280305	-1.6305	0.35731	NA	AC073316.	chr7	-	3303664	3342084	982
ENSG0000(	0	1.684135	-2.1921	0.19067	NA	DAPK1-IT1	chr9	+	90168369	90169374	702
ENSG0000(	0.943682	0	1.2438	0.48556	NA	AC108448.	chr11	-	3105623	3106673	730
ENSG0000(	6.431122	1.638012	1.8127	0.062135	0.10751	SMAD9-AS1	chr13	-	37423503	37424183	504
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-363I7	chr1	+	1.51E+08	1.51E+08	373
ENSG0000(	5.6647	23.15312	-1.9848	0.000601	0.001542	AC005592.	chr5	+	1.42E+08	1.42E+08	2237
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-478H	chr10	+	29032674	29033592	517
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-522D	chr1	+	1.81E+08	1.81E+08	1489
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-252M	chr9	+	3875584	3878809	243
ENSG0000(	1.681007	0	2.1857	0.19206	NA	AC094019.	chr3	-	32192575	32193387	472
ENSG0000(	0.923144	1.012429	-0.06857	0.96524	0.97971	GRIFIN	chr7	-	2514360	2516528	648
ENSG0000(	1.359003	0	1.8987	0.26617	NA	RP11-370B	chr9	+	22747699	22748233	535
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP5-857K2	chr1	+	459656	461954	676
ENSG0000(	0.36308	0.594029	-0.39069	0.82661	NA	RP11-168C	chr10	-	57007515	57356993	439
ENSG0000(	0.705622	3.740547	-2.0615	0.10908	0.17374	YRDCP2	chr9	+	99717102	99717743	642
ENSG0000(	17.71847	22.86738	-0.36222	0.44817	0.55364	AC018642.	chr7	-	1.31E+08	1.31E+08	2043
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	AC004019.	chr22	-	18062923	18071958	1838
ENSG0000(	1.451506	0	1.4786	0.40599	NA	DNAJC9-AS	chr10	+	75006946	75036742	3037
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC007251.	chr2	-	1.03E+08	1.04E+08	708
ENSG0000(	1.359003	1.012429	0.33405	0.81733	0.87175	AC019118.	chr2	-	3135353	3149551	718
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	CTAGE9	chr6	-	1.32E+08	1.32E+08	2626
ENSG0000(	33.63009	9.869363	1.729	0.000636	0.001625	RP5-1184F	chr20	+	31037558	31041410	986
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-365C	chr1	-	2.24E+08	2.24E+08	231
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-551G	chr1	+	2.47E+08	2.47E+08	1256
ENSG0000(	0.632843	2.102535	-1.2902	0.39176	0.49619	RP11-213P	chr1	+	57004124	57004583	460
ENSG0000(	5.654348	5.955602	-0.09107	0.92219	0.94763	INTS6-AS1	chr13	+	52026503	52126500	906
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	RP11-430C	chr1	-	2.04E+08	2.04E+08	848
ENSG0000(	0	2.010288	-2.4674	0.13027	0.202	AC078941.	chr2	-	67350489	67442451	2100
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-96L1	chr1	-	26496438	26498312	721
ENSG0000(	0	1.309443	-1.6539	0.35008	NA	LINC00299	chr2	-	8147901	8523751	2342
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-142L	chr1	+	1.92E+08	1.92E+08	443
ENSG0000(	0.290301	1.058552	-0.99174	0.56536	NA	RP11-462B	chr9	-	32836573	32869593	1184
ENSG0000(	0.290301	0	0.4146	0.81455	NA	SPA17P1	chr10	-	77142151	77142602	452
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	RP11-383C	chr10	+	1.17E+08	1.17E+08	344
ENSG0000(	8.060701	17.51152	-1.1039	0.049016	0.087468	RP11-373A	chr9	+	72832111	72832584	474
ENSG0000(	0.653381	0.343138	0.51863	0.76794	NA	RPS3AP12	chr1	-	1.2E+08	1.2E+08	753
ENSG0000(	0.632843	0.357707	0.4993	0.77637	NA	RP11-337C	chr1	+	1.47E+08	1.47E+08	795
ENSG0000(	0.72616	9.165229	-3.268	0.00465	0.010405	SNX25P1	chr1	+	2.12E+08	2.12E+08	834
ENSG0000(	7.439023	11.82782	-0.64965	0.33121	0.43437	RP5-886K2	chr1	-	24086872	24104777	1074
ENSG0000(	1.991846	2.24661	-0.1706	0.88242	0.9182	GAPDHP2	chr20	+	13373324	13374321	998
ENSG0000(	2.354926	3.763237	-0.6372	0.55354	0.6529	RP11-446E	chr8	-	56962597	56963766	1170
ENSG0000(	0	1.309443	-1.6539	0.35008	NA	AC087393.	chr17	+	20978869	20993928	750
ENSG0000(	57.284	53.00565	0.10785	0.75208	0.81892	BCYRN1	chr2	+	47558199	47571656	13458
ENSG0000(	13.32043	47.59788	-1.8045	4.01E-05	0.00012	Z97634.5	chr16	+	432097	442960	1715
ENSG0000(	8.9651	3.748668	1.1317	0.24843	0.34468	CBR3-AS1	chr21	-	37504065	37528605	4651
ENSG0000(	0	1.309443	-1.6539	0.35008	NA	AC024560.	chr3	-	1.97E+08	1.97E+08	1471
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	AC090617.	chr17	+	2116991	2117708	404
ENSG0000(	13.55931	0	5.3925	8.21E-06	2.66E-05	AC007750.	chr2	+	1.63E+08	1.63E+08	3694
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC091633.	chr3	+	1.95E+08	1.95E+08	474
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-239E	chr1	+	2.23E+08	2.23E+08	613

ENSG0000(	0.632843	3.307578	-1.9381	0.1491	0.22585	RP11-401L	chr7	-	1.03E+08	1.03E+08	265
ENSG0000(	413.9174	181.8873	1.1833	3.98E-16	2.77E-15	LL22NC03-	chr22	+	22657589	22677203	1776
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	OR2R1P	chr7	-	1.43E+08	1.43E+08	914
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	AL121656.	chr2	+	33152194	33153472	482
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC105393.	chr2	+	388412	416885	549
ENSG0000(	22.47119	0	6.0987	1.60E-07	6.13E-07	RP11-503K	chr9	-	18717972	18718524	553
ENSG0000(	44.93895	45.84655	-0.0316	0.91723	0.94417	AC018737.	chr2	+	1.22E+08	1.22E+08	1273
ENSG0000(	3.931452	0	3.5246	0.015037	0.030454	RPL39P29	chr13	-	1.03E+08	1.03E+08	157
ENSG0000(	11.9708	9.263181	0.3676	0.53169	0.63296	AC006378.	chr7	+	93598754	93640425	563
ENSG0000(	0.342542	1.058552	-0.99235	0.56407	NA	RPL23AP23	chr1	+	2.35E+08	2.35E+08	471
ENSG0000(	6.048317	4.383115	0.42838	0.65576	0.74054	RP3-522J7.	chr22	+	50210896	50211360	465
ENSG0000(	10.41563	9.70427	0.079948	0.89903	0.92998	RP11-944L	chr3	-	44598849	44727145	456
ENSG0000(	21.49678	26.16039	-0.27538	0.54115	0.64169	LINC00106	chrX	+	1515320	1518295	370
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	RP11-291L	chr1	+	45880692	45881016	325
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP1-66N13	chr20	-	47012066	47013638	404
ENSG0000(	0.685084	0.640152	0.044759	0.97934	NA	TMSB4XP1	chr1	-	42965876	42966067	192
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	AC012363.	chr2	+	1.21E+08	1.21E+08	662
ENSG0000(	3.164216	0	2.8957	0.079252	0.13246	C5orf27	chr5	+	95187936	95195837	2052
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-243M	chr1	-	58071519	58071878	360
ENSG0000(	1.016461	0.997859	0.010629	0.99432	0.99669	XXbac-B47(	chr22	-	18564232	18564441	210
ENSG0000(	2.987769	2.745103	0.1069	0.93658	0.95819	RP11-535C	chr9	-	1.01E+08	1.01E+08	402
ENSG0000(	171.2776	711.6471	-2.0523	2.43E-37	3.98E-36	MIR600HG	chr9	-	1.26E+08	1.26E+08	5984
ENSG0000(	1.45232	0.640152	0.76566	0.64734	0.73357	RP11-348H	chr1	+	2.13E+08	2.13E+08	479
ENSG0000(	1.753786	3.137654	-0.7556	0.54737	0.6474	RP5-1063M	chr12	+	3427884	3434509	3004
ENSG0000(	0	2.353426	-2.7264	0.084821	0.14042	AC025750.	chr2	+	42696957	42697406	450
ENSG0000(	21.33052	2.903748	2.7133	0.000376	0.000993	RP11-1008	chr15	-	38361682	38365160	967
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-111D	chr6	+	98657896	98662559	771
ENSG0000(	0.653381	0	0.82678	0.64037	NA	RP11-408M	chr9	-	22203989	22214671	443
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	AC092661.	chr4	+	1.18E+08	1.19E+08	2516
ENSG0000(	0.705622	22.65301	-4.6341	2.06E-06	7.14E-06	RP11-390F	chr9	+	6645956	6670635	526
ENSG0000(	1.660469	1.713273	-0.02687	0.98441	0.99109	RP11-792A	chr7	-	65899621	65900465	521
ENSG0000(	2.842212	1.073121	1.175	0.40189	0.50663	RP11-439A	chr1	-	1.21E+08	1.21E+08	754
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	AP003774.	chr11	-	64092522	64096976	672
ENSG0000(	1.016461	0	1.3167	0.46021	NA	RP3-329E2	chr1	+	21592575	21593744	723
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	PTGES3P4	chr10	+	1.05E+08	1.05E+08	356
ENSG0000(	1.379541	0	1.686	0.34092	NA	AC003092.	chr7	-	93701071	93706469	446
ENSG0000(	1.027626	0	1.1491	0.51623	NA	C8orf56	chr8	-	1.04E+08	1.04E+08	496
ENSG0000(	0.290301	1.188058	-1.0232	0.56351	NA	RP11-98D1	chr1	+	1.52E+08	1.52E+08	462
ENSG0000(	3.028845	0.594029	1.8055	0.20401	0.29307	RP11-366M	chr4	+	1.66E+08	1.66E+08	1360
ENSG0000(	2.656392	2.07098	0.32827	0.78394	0.84529	RP11-6B6.3	chr1	+	2.06E+08	2.06E+08	353
ENSG0000(	49.23088	48.10444	0.035232	0.91183	0.93966	RP11-640M	chr1	-	1.44E+08	1.45E+08	2073
ENSG0000(	0	3.6483	-3.4125	0.020029	0.039519	RP11-98G7	chr1	-	1.56E+08	1.56E+08	675
ENSG0000(	5.90276	7.252893	-0.28392	0.69527	0.77263	ZDHHC20-I	chr13	-	21951116	21952013	440
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-451C	chr1	+	1.58E+08	1.58E+08	1041
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-298E	chr10	+	3266008	3269599	597
ENSG0000(	0.632843	3.025133	-1.8319	0.17087	0.25321	GGT8P	chr2	+	91963970	91969195	532
ENSG0000(	1.379541	0.357707	1.2814	0.44909	NA	FABP5P1	chr13	-	73674713	73675123	411
ENSG0000(	0.870904	0	1.046	0.5544	NA	GAPDHP51	chr1	-	52172810	52173809	1000
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	RP5-1065P	chr1	-	2.29E+08	2.29E+08	599
ENSG0000(	6.327454	0.357707	3.4471	0.008925	0.018942	ANKRD44-I	chr2	-	1.98E+08	1.98E+08	1069
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-694I2	chr3	-	49215065	49229291	706
ENSG0000(	1.265686	1.188058	0.049726	0.97548	0.98643	LINC00614	chr10	-	27232252	27233347	645
ENSG0000(	1.048164	5.064559	-2.026	0.080615	0.13446	RP11-544A	chr9	-	1.34E+08	1.34E+08	931
ENSG0000(	0	11.70885	-5.1722	2.81E-05	8.55E-05	AC142119.	chr2	-	16225344	16245963	853
ENSG0000(	9.741709	10.47709	-0.1012	0.88126	0.91722	RP11-383C	chr10	-	1.27E+08	1.27E+08	712
ENSG0000(	1.286224	0.297015	1.3298	0.41218	NA	RPL12L3	chr20	-	19804087	19804587	501
ENSG0000(	0	5.407697	-3.9989	0.00387	0.008761	GAPDHP21	chr10	-	57427101	57428110	1010
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	YBX1P9	chr1	-	2.27E+08	2.27E+08	679
ENSG0000(	0	4.256898	-3.6202	0.012537	0.02582	RP11-203L	chr9	-	71403223	71404586	1248
ENSG0000(	0.290301	1.623443	-1.5237	0.36002	0.46417	RP4-612C1	chr1	-	93656297	93656617	321
ENSG0000(	67.39833	90.07047	-0.41219	0.18069	0.26519	ZNRF2P1	chr7	+	32768181	32768623	443
ENSG0000(	0.290301	0	0.4146	0.81455	NA	KRT18P52	chr2	-	32047660	32048505	846
ENSG0000(	3.008307	0.343138	2.4266	0.093711	0.15297	GLIS3-AS1	chr9	+	3898642	3901248	734
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC010987.	chr2	-	68023186	68052694	725
ENSG0000(	8.434133	14.75668	-0.77917	0.18943	0.27587	CTA-984G1	chr22	+	29656878	29658026	385

ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC013410.	chr2	-	1.74E+08	1.74E+08	1232
ENSG0000(	6.919221	11.95733	-0.7626	0.22555	0.3183	AC012314.	chr19	-	54622891	54628722	4158
ENSG0000(	1.649304	0.951736	0.62103	0.65749	0.74206	RP3-486I3.	chr6	+	1.17E+08	1.17E+08	2081
ENSG0000(	3.133327	1.485073	0.83123	0.54878	0.64874	RP1-315G1	chrX	-	1.23E+08	1.23E+08	707
ENSG0000(	1.213446	0.640152	0.67875	0.66953	NA	RP11-328P	chr7	-	64696164	64697097	312
ENSG0000(	1.608228	0.594029	0.97576	0.54887	0.64874	RP11-16C1	chr6	-	90270594	90276763	811
ENSG0000(	1.742621	5.851203	-1.5941	0.14799	0.22444	RP11-144L	chr13	+	1.13E+08	1.13E+08	435
ENSG0000(	34.41126	13.29833	1.3563	0.001779	0.004244	ZEB1-AS1	chr10	-	31596646	31608810	585
ENSG0000(	18.16305	18.61948	-0.02827	0.95992	0.97606	NDUFA6-AS	chr22	+	42486937	42533614	2811
ENSG0000(	3.568372	5.164927	-0.50174	0.56727	0.6648	AC018738.	chr2	+	2.32E+08	2.32E+08	210
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC007679.	chr2	+	2.07E+08	2.07E+08	414
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RPL34P1	chr1	+	1.68E+08	1.68E+08	354
ENSG0000(	0.72616	1.66715	-0.87257	0.59055	0.68554	PRMT5-AS1	chr14	+	23388665	23396105	2104
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-308N	chr9	-	1.09E+08	1.09E+08	597
ENSG0000(	0.705622	1.188058	-0.53656	0.7499	NA	NANOGP4	chr7	+	29251916	29252816	901
ENSG0000(	0	1.727843	-1.9772	0.25933	NA	RPL5P2	chr20	-	44119458	44120311	854
ENSG0000(	15.53901	0.343138	4.6836	9.72E-05	0.000278	AC005550.	chr7	+	15707572	15721605	3743
ENSG0000(	3.173589	0.343138	2.4747	0.09123	0.14949	RP11-168K	chr9	-	1.16E+08	1.16E+08	395
ENSG0000(	1.991846	2.575179	-0.34533	0.75905	0.82493	RP11-497H	chr5	+	69783429	69786959	3531
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP5-836J3.	chr1	+	84255963	84267148	683
ENSG0000(	0.36308	0.594029	-0.39069	0.82661	NA	EHMT2-AS1	chr6	+	31851538	31851831	223
ENSG0000(	31.11347	27.37846	0.17946	0.66555	0.74869	COX5BP6	chr13	-	1.01E+08	1.01E+08	211
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-132E	chr9	-	17108302	17108602	301
ENSG0000(	0	77.44067	-7.7998	1.48E-12	8.29E-12	AC068134.	chr2	-	2.33E+08	2.33E+08	576
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-73E6	chr9	+	20532550	20533337	788
ENSG0000(	32.83474	49.85739	-0.59674	0.066354	0.11381	RP4-669L1	chr1	+	317720	453948	2661
ENSG0000(	1.451506	0	1.4786	0.40599	NA	RP4-782G3	chr1	-	1.67E+08	1.67E+08	562
ENSG0000(	1.991846	0	2.4814	0.12503	0.19536	RP11-365C	chr1	+	2.24E+08	2.24E+08	1323
ENSG0000(	4.148974	4.196206	-0.01204	0.98951	0.99432	RP1-131F1	chr6	-	1.32E+08	1.32E+08	2433
ENSG0000(	5.840168	15.85652	-1.3994	0.05452	0.095874	CYP2F1P	chr19	-	41324626	41332677	1056
ENSG0000(	0	3.50993	-3.0391	0.063282	0.10928	RP11-305P	chr20	+	61669363	61685215	1234
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	PIEZO1P2	chr20	-	57315588	57358877	2180
ENSG0000(	0	2.278164	-2.6634	0.096176	0.1563	MTND2P11	chr9	+	1.12E+08	1.12E+08	648
ENSG0000(	165.5048	0.686276	7.4276	4.06E-19	3.27E-18	RP11-471J	chr4	+	1.74E+08	1.75E+08	5278
ENSG0000(	9.296477	15.29888	-0.69849	0.25586	0.35319	AC073254.	chr2	-	2.33E+08	2.33E+08	1244
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-351N	chr10	-	28721937	28784742	273
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	MRPS6P2	chr1	+	51312140	51312509	370
ENSG0000(	2.935529	1.248751	1.0304	0.40714	0.51194	AC020594.	chr2	-	33780114	33788614	338
ENSG0000(	1.390706	0.297015	1.2986	0.44429	NA	DDX10P1	chr10	-	31207941	31210164	1933
ENSG0000(	0.685084	154.6982	-7.3344	2.15E-18	1.67E-17	C4orf51	chr4	+	1.47E+08	1.47E+08	846
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AP000260.	chr21	-	33393279	33394095	616
ENSG0000(	0	2.056411	-2.4909	0.12616	0.19678	RP11-137L	chr10	+	75297561	75298149	284
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	AC093509.	chr16	-	26074071	26074418	348
ENSG0000(	22.78121	2.309719	3.1435	2.66E-05	8.10E-05	ZNF503-AS	chr10	+	77160759	77168738	2024
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	DLEU7-AS1	chr13	+	51381992	51423190	955
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-132E	chr9	+	17048917	17112813	666
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	MCFD2P1	chr6	+	27375476	27375775	300
ENSG0000(	0	7.189784	-4.4486	0.000744	0.001883	RP11-472F	chr9	+	6568844	6569360	517
ENSG0000(	0	6.907338	-4.3743	0.001049	0.002592	RP11-296L	chr9	+	34568013	34582827	892
ENSG0000(	5.766575	2.497501	1.0644	0.32733	0.43034	RP11-32B5	chr15	-	21936560	21938111	1549
ENSG0000(	0.632843	0	0.81931	0.64303	NA	RP11-443F	chr2	+	63167051	63167417	367
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC128709.	chr3	+	1.97E+08	1.97E+08	626
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-353N	chr1	+	1.5E+08	1.5E+08	313
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-452K	chr10	-	99068895	99069715	496
ENSG0000(	0.580602	0.297015	0.36801	0.83644	NA	RP11-323F	chr4	+	4508805	4509504	584
ENSG0000(	825.2826	124.0716	2.7154	4.06E-23	3.94E-22	B3GNT9	chr16	-	67182008	67185117	2917
ENSG0000(	7.502429	0.343138	3.648	0.00558	0.012304	AC147651.	chr7	+	642822	648119	731
ENSG0000(	251.7854	14.28645	4.1133	2.14E-40	3.79E-39	RP11-65F1	chr5	-	92746995	92921354	2868
ENSG0000(	27.3764	24.73285	0.14809	0.70284	0.77898	RP11-337C	chr1	+	1.47E+08	1.47E+08	1057
ENSG0000(	383.0017	636.5849	-0.73139	1.21E-06	4.30E-06	CDKN2AIPN	chr5	-	1.34E+08	1.34E+08	1223
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	FAM27E1	chr9	-	46385691	46387031	1341
ENSG0000(	2.427705	1.340997	0.72141	0.5626	0.66087	ZBTB40-IT1	chr1	+	22843967	22846201	273
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-13E5	chrX	+	1.25E+08	1.25E+08	639
ENSG0000(	2.468781	3.290593	-0.3856	0.7486	0.816	RP11-12M9	chr22	+	41460056	41460640	585
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC008074.	chr2	+	64677230	64677658	429

ENSG0000(	0	0.297015	-0.41864	0.81278	NA	PPEF1-AS1	chrX	-	18706762	18709723	430
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC090505.	chr3	+	1.94E+08	1.95E+08	3647
ENSG0000(	0.290301	0	0.4146	0.81455	NA	SULT1C2P1	chr2	+	1.09E+08	1.09E+08	1875
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-109A	chr10	-	1.31E+08	1.31E+08	794
ENSG0000(	0.632843	0	0.81931	0.64303	NA	OR13K1P	chrX	+	1.31E+08	1.31E+08	975
ENSG0000(	0.342542	1.073121	-0.87093	0.62353	NA	RPS3AP39	chr11	-	3570975	3571749	775
ENSG0000(	1.317927	29.12651	-4.2025	3.47E-07	1.29E-06	RP5-1155K	chr1	-	62673808	62674114	307
ENSG0000(	0.632843	0.997859	-0.46957	0.76172	NA	ZNF295-AS	chr21	+	43429303	43445060	2869
ENSG0000(	1.213446	0	1.5515	0.38249	NA	RP11-809N	chr10	+	63212397	63241714	863
ENSG0000(	3.702764	0.594029	1.9587	0.19245	0.27966	RP1-142L7	chr6	+	1.12E+08	1.12E+08	777
ENSG0000(	102.6213	10.03929	3.3296	5.41E-20	4.56E-19	RP11-236F	chr9	-	67327775	67334983	1120
ENSG0000(	5.238214	0.98329	2.116	0.065681	0.11283	AC022173.	chr7	+	1.38E+08	1.38E+08	577
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-118B	chr12	+	9392599	9395635	2459
ENSG0000(	0.290301	5.690142	-3.3609	0.010516	0.02201	RP1-102G2	chr1	+	1.75E+08	1.75E+08	395
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-193H	chr1	+	2.38E+08	2.38E+08	3127
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	AC072061.	chr7	+	39856148	39907739	771
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-322A	chrX	+	75443036	75443496	461
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-666A	chr1	+	1.49E+08	1.49E+08	365
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	TRBV30	chr7	-	1.43E+08	1.43E+08	447
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	MTND2P8	chr9	-	81356636	81357660	1025
ENSG0000(	0.705622	0.357707	0.57557	0.74268	NA	RP4-568F9	chr20	-	18294409	18295755	258
ENSG0000(	0.580602	2.589748	-1.6532	0.24441	0.3401	MAPK6PS3	chr13	-	42643068	42645229	2162
ENSG0000(	2.718006	2.399549	0.16303	0.88293	0.91846	FTH1P11	chr8	-	82433917	82434467	551
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-402P	chrX	-	70882845	70885603	697
ENSG0000(	0	2.740271	-2.6376	0.11836	0.18676	RSL24D1P8	chr19	+	12207239	12207730	492
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-575C	chr9	+	6195934	6197248	1004
ENSG0000(	12.73804	10.87937	0.21729	0.7803	0.84228	ANO7P1	chr1	-	16542404	16554522	1720
ENSG0000(	7.563229	5.028973	0.52841	0.57228	0.66936	RP11-96C2	chr10	+	88873711	88875280	688
ENSG0000(	0.653381	1.372552	-0.70797	0.67284	0.75501	AC021016.	chr2	-	2.19E+08	2.19E+08	535
ENSG0000(	4.369102	0	3.506	0.021571	0.042252	RP11-316I	chr1	-	1.89E+08	1.89E+08	733
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	HNRNPA1P	chr6	+	32292996	32293955	960
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC004906.	chr7	+	2983669	2986725	969
ENSG0000(	0	153.3785	-8.6979	1.75E-15	1.18E-14	CKMT1B	chr15	+	43885252	43891604	2396
ENSG0000(	0.290301	0.594029	-0.38058	0.83094	NA	RP11-214L	chr1	-	38674706	38680439	2283
ENSG0000(	0	1.309443	-1.6539	0.35008	NA	RP11-782C	chr1	+	1.43E+08	1.43E+08	605
ENSG0000(	0.290301	1.012429	-0.95336	0.58114	NA	RP11-540K	chr1	+	1.81E+08	1.81E+08	542
ENSG0000(	18.67331	21.68503	-0.21468	0.63181	0.72096	SMG1P1	chr16	+	22448329	22503541	4223
ENSG0000(	13.3906	13.92633	-0.04122	0.94212	0.96249	TTN-AS1	chr2	+	1.79E+08	1.8E+08	4592
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-522L	chrX	+	1.02E+08	1.02E+08	500
ENSG0000(	4.75272	4.020576	0.21744	0.82278	0.87511	RP4-680D5	chr1	-	15912631	15930121	2845
ENSG0000(	0.290301	0	0.4146	0.81455	NA	HIGD1AP8	chr12	+	11634317	11634590	274
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-118F	chr9	+	94789780	94790106	327
ENSG0000(	1.068702	0.594029	0.51045	0.76284	NA	SRRM1P3	chrX	-	1.36E+08	1.36E+08	2678
ENSG0000(	4.979616	10.42781	-1.0317	0.1816	0.26633	GS1-124K5	chr7	+	65958693	65960461	540
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP1-288L1	chr22	-	35107899	35120910	549
ENSG0000(	0.653381	2.012704	-1.2086	0.43278	0.53822	AP000563.	chr21	+	32824779	32825536	758
ENSG0000(	2.49967	2.056411	0.28507	0.80637	0.86311	RAI1-AS1	chr17	-	17662468	17674135	724
ENSG0000(	0.342542	2.428687	-2.0632	0.18081	0.26532	RP11-201C	chr1	+	31509581	31510087	507
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RNF223	chr1	-	1007126	1009687	1122
ENSG0000(	3.194127	1.773966	0.71913	0.60115	0.69476	XIAP-AS1	chrX	-	1.23E+08	1.23E+08	482
ENSG0000(	0.653381	0	0.82678	0.64037	NA	RP11-230L	chr9	+	1.26E+08	1.26E+08	722
ENSG0000(	1.016461	3.076961	-1.3463	0.32039	0.4232	FTCD-AS1	chr21	+	47571528	47572561	500
ENSG0000(	0	4.49322	-3.6922	0.010693	0.022332	RP3-448I9.	chr6	-	14391462	14393519	489
ENSG0000(	0.870904	2.370411	-1.0708	0.4685	0.5732	AC004461.	chr22	+	19043314	19044025	403
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP5-1065J	chr1	-	1.1E+08	1.1E+08	283
ENSG0000(	13.80853	12.13537	0.17862	0.74318	0.81125	CDC42P6	chr4	-	22728998	22729573	576
ENSG0000(	3.568372	5.845498	-0.63524	0.52497	0.62698	CTD-2522E	chrX	-	47016037	47017598	1248
ENSG0000(	0	2.012704	-2.1825	0.20921	0.29918	PATE4	chr11	+	1.26E+08	1.26E+08	1983
ENSG0000(	15.17951	8.296875	0.83772	0.18128	0.26592	AL163953.	chr14	+	53635772	54153976	566
ENSG0000(	1.774324	6.03328	-1.6372	0.11705	0.18485	RP11-475I	chr9	+	44401766	44404440	2579
ENSG0000(	0.685084	0.343138	0.48017	0.78775	NA	RP11-509J	chr9	+	3647335	3648338	728
ENSG0000(	0	2.728118	-2.8815	0.068704	0.11723	RP11-269C	chr13	-	44974487	44980002	858
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AP006288.	chr11	+	64298516	64300442	395
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-334N	chr1	-	7068436	7074339	349
ENSG0000(	0	2.041842	-2.4837	0.12741	0.19837	RP11-316P	chr9	+	92316566	92334585	822

ENSG0000(	0.342542	0	0.4146	0.81455	NA	BRWD1-IT1	chr21	-	40589019	40591731	489
ENSG0000(	108.2928	2.058828	5.0303	1.10E-05	3.51E-05	HOXD-AS2	chr2	-	1.77E+08	1.77E+08	999
ENSG0000(	0.632843	1.684135	-1.0761	0.46331	0.56845	RPL21P121	chr17	+	18216074	18216847	465
ENSG0000(	0	1.949596	-2.4359	0.13595	0.20899	CTA-407F1.	chr22	-	25976208	25977349	660
ENSG0000(	0	2.757256	-2.912	0.06391	0.11024	RP11-139I2	chr1	+	1.56E+08	1.56E+08	5586
ENSG0000(	0	25.62947	-6.2563	9.40E-08	3.68E-07	HLA-DPA3	chr6	-	33098993	33111102	229
ENSG0000(	15.96387	7.555612	1.0194	0.13123	0.20328	PITRM1-AS	chr10	+	3183824	3210164	3823
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	CAMTA1-IT	chr1	+	7429003	7430331	365
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP3-471C1	chr6	-	19690056	19753344	212
ENSG0000(	1.451506	1.340997	0.12463	0.93432	0.95696	NDUFA9P1	chr22	-	36293318	36294452	1135
ENSG0000(	0.72616	0.343138	0.52026	0.77047	NA	AP001092.	chr11	+	64413871	64427153	469
ENSG0000(	0.290301	2.056411	-1.914	0.21479	0.3057	PRSS56	chr2	+	2.33E+08	2.33E+08	2157
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	NRBF2P3	chr1	-	1.11E+08	1.11E+08	865
ENSG0000(	1.306762	1.964165	-0.47102	0.74102	0.80947	RP11-465K	chr1	-	95302304	95320982	697
ENSG0000(	3.817597	0.357707	2.7257	0.056752	0.099412	AC069257.	chr3	-	1.96E+08	1.96E+08	155
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-885N	chr9	-	1.41E+08	1.41E+08	538
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-305L	chr9	-	93881420	93925369	506
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-347D	chr20	-	46609232	46617488	429
ENSG0000(	43.57653	5.288728	2.9671	1.08E-07	4.19E-07	FOXD2-AS1	chr1	-	47897805	47900313	2509
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RPSAP2	chr6	+	28699794	28700681	888
ENSG0000(	0.342542	1.012429	-0.95691	0.57869	NA	RP1-159A1	chr1	+	27852316	27857072	283
ENSG0000(	3.278071	26.56993	-2.9189	2.42E-06	8.32E-06	RP11-312B	chr1	-	6843952	6844903	415
ENSG0000(	15.72841	13.3954	0.22443	0.69914	0.77594	ASS1P12	chr9	+	32945994	32947220	1227
ENSG0000(	0	6.303573	-4.0701	0.005007	0.011152	CECR7	chr22	+	17517460	17539682	2726
ENSG0000(	68.17591	152.5423	-1.1519	1.69E-06	5.93E-06	ZNF737	chr19	-	20718631	20748615	2867
ENSG0000(	866.5956	1024.463	-0.2408	0.05048	0.089673	RGL2	chr6	-	33259431	33267101	3278
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	CTA-520D8	chr1	-	13983806	13986405	379
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RHEBP3	chr22	+	18501980	18502966	351
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CDK2AP2P	chr9	+	66500642	66501008	367
ENSG0000(	0.36308	1.638012	-1.6321	0.29822	0.40004	AC074212.	chr19	+	46236509	46267792	2749
ENSG0000(	0.653381	2.740271	-1.5876	0.284	0.3853	RP11-154D	chr3	-	62109878	62110282	405
ENSG0000(	0.36308	3.694423	-2.7206	0.051458	0.091219	RP11-547I	chr1	+	1.9E+08	1.9E+08	526
ENSG0000(	2.044087	1.713273	0.2218	0.85779	0.9002	RP11-554F	chr9	-	1.02E+08	1.03E+08	1544
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-280C	chr1	-	1.65E+08	1.66E+08	2400
ENSG0000(	0	2.468363	-2.5197	0.13799	0.21141	RP3-461P1	chr20	+	44116253	44118888	355
ENSG0000(	4.99934	0	3.8395	0.007351	0.015838	AC073115.	chr7	+	46009256	46019790	555
ENSG0000(	2.302685	9.419409	-1.8893	0.040359	0.073952	XXbac-B13	chr22	+	21311380	21318967	684
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP5-926E3	chr1	-	50156934	50157195	262
ENSG0000(	0.943682	0.297015	0.89158	0.60669	NA	RP4-803J1.	chr1	+	2.29E+08	2.29E+08	640
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-423E	chr3	-	1.72E+08	1.72E+08	445
ENSG0000(	0	1.355566	-1.9006	0.26573	NA	SGOL1-AS1	chr3	+	20215736	20227919	819
ENSG0000(	9.710006	18.31031	-0.90697	0.097088	0.15754	RP11-500G	chr10	-	1.32E+08	1.32E+08	2843
ENSG0000(	38.19537	29.13141	0.38508	0.30849	0.4102	RP11-206L	chr1	+	714162	745440	1873
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-430I2	chr1	+	2.48E+08	2.48E+08	913
ENSG0000(	10.89435	6.079404	0.8044	0.26879	0.36769	RP11-603J2	chr12	-	56374216	56374819	604
ENSG0000(	6.378881	1.995719	1.5619	0.099404	0.16066	RP11-356I2	chr6	-	1.38E+08	1.38E+08	963
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-816B	chr3	-	1.73E+08	1.73E+08	249
ENSG0000(	2.656392	3.755116	-0.44263	0.67433	0.75603	RP1-12G14	chr6	-	1.5E+08	1.5E+08	660
ENSG0000(	0.36308	2.794516	-2.1464	0.17716	0.26078	RP11-76N2	chr1	-	89003196	89150887	3542
ENSG0000(	31.66058	81.20211	-1.3496	9.51E-06	3.06E-05	RPSAP15	chrX	-	86958277	86959307	1031
ENSG0000(	0	2.947455	-3.0782	0.043573	0.078942	AC008268.	chr2	+	96455402	96465914	1672
ENSG0000(	20.75587	54.54651	-1.3793	0.000722	0.001829	UNC5B-AS1	chr10	-	72976981	72977985	647
ENSG0000(	2.479946	0	2.5072	0.13961	0.21341	RP11-325F	chr7	+	1.05E+08	1.05E+08	891
ENSG0000(	67.64853	708.6665	-3.3716	2.17E-70	7.88E-69	SHISA9	chr16	+	12995477	13334272	6726
ENSG0000(	11.83722	97.74014	-3.0108	4.77E-16	3.31E-15	DGCR5	chr22	+	18958027	19018755	5492
ENSG0000(	7.003165	1.248751	2.1992	0.036384	0.067453	NONOP2	chr2	-	61163954	61165184	1231
ENSG0000(	1.960143	9.635457	-2.1304	0.018677	0.037118	LINC00857	chr10	+	81967466	81979413	2161
ENSG0000(	4.076195	1.730259	1.1068	0.35549	0.45974	AC012668.	chr2	+	2.16E+08	2.17E+08	1642
ENSG0000(	0.580602	0.357707	0.37639	0.83285	NA	RP11-439K	chr9	+	85891291	85894414	527
ENSG0000(	0.705622	1.531196	-0.87037	0.57758	0.67416	RP3-449H6	chr6	+	44492996	44494491	473
ENSG0000(	0	1.698704	-2.2257	0.18075	NA	RP11-309N	chrX	+	950956	955100	588
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-730A	chr10	-	13201477	13201777	301
ENSG0000(	0.342542	0	0.4146	0.81455	NA	HLA-DQA2	chr6	+	32709119	32714992	1524
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-58A1	chr9	+	69146939	69149621	681
ENSG0000(	2.261609	0	2.6509	0.097945	0.15859	TTLL11-IT1	chr9	-	1.25E+08	1.25E+08	1052

ENSG0000(	1.597063	0.997859	0.55684	0.69471	0.77231	RPL9P9	chr15	-	82664459	82748784	673
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AC096775.	chr7	+	95912669	95913116	448
ENSG0000(	0.342542	2.606733	-2.0723	0.19283	0.28013	RP13-198[	chr9	+	38643039	38643765	727
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC004562.	chr17	+	67957848	67979679	665
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP3-359N1	chr6	-	1.06E+08	1.06E+08	589
ENSG0000(	1.628766	5.681278	-1.6304	0.1244	0.19457	PYY2	chr17	+	26553589	26555091	1076
ENSG0000(	0	2.263595	-2.408	0.15804	0.23738	RP11-174N	chr12	+	1.3E+08	1.3E+08	505
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RAC1P4	chrX	-	1.37E+08	1.37E+08	579
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-442J	chr13	+	45225948	45275152	295
ENSG0000(	3.330311	0	3.2631	0.028727	0.054622	RP11-383J	chr8	+	1.25E+08	1.25E+08	490
ENSG0000(	3.350849	11.10113	-1.6252	0.066288	0.11374	RP11-66D1	chr1	-	1.57E+08	1.57E+08	4120
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	HMGN1P3	chr19	-	54271225	54271807	256
ENSG0000(	12.31416	51.69613	-2.0523	7.50E-07	2.71E-06	AP000251.	chr21	+	32931537	32932800	843
ENSG0000(	5.342695	6.639462	-0.29977	0.71832	0.79147	RP11-112L	chr20	-	48780001	48782639	733
ENSG0000(	2.572449	0	2.8674	0.066043	0.11336	RP13-143G	chr6	-	1.36E+08	1.37E+08	824
ENSG0000(	0.342542	2.855208	-2.1918	0.16479	0.2457	AP001056.	chr21	+	45595372	45596336	821
ENSG0000(	2.583614	0.715414	1.4002	0.36794	0.47257	RP11-343H	chr1	-	2.07E+08	2.07E+08	358
ENSG0000(	0.685084	1.326428	-0.65605	0.69325	0.7714	AF064858.	chr21	-	40400461	40401053	292
ENSG0000(	11.50666	11.95733	-0.06266	0.91873	0.94527	AL353898.	chr1	-	54565641	54565897	255
ENSG0000(	2.459408	5.390712	-1.0312	0.3502	0.45457	OXCT2P1	chr1	+	39980628	39982162	1535
ENSG0000(	0.653381	0.654722	-0.00313	0.9985	NA	RP11-522L	chrX	+	1.02E+08	1.02E+08	598
ENSG0000(	0.72616	0.700845	0.022935	0.98937	NA	RP11-72B4	chr9	+	98680418	98680986	569
ENSG0000(	1.048164	0.654722	0.46381	0.77376	NA	FRY-AS1	chr13	-	32599451	32605776	1115
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC007386.	chr2	-	65128974	65132271	2928
ENSG0000(	0	4.767544	-3.7849	0.007897	0.0169	RP4-604G5	chr7	+	99527015	99546243	680
ENSG0000(	2.624689	2.087966	0.30729	0.79942	0.85793	RP11-690I2	chr2	-	2.33E+08	2.33E+08	407
ENSG0000(	0.342542	0.715414	-0.51272	0.77372	NA	RP11-521A	chr3	+	1.73E+08	1.73E+08	481
ENSG0000(	1.919068	0.343138	1.8342	0.23468	0.32849	HLCS-IT1	chr21	-	38176285	38178585	531
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	ERICH1-AS1	chr8	+	687651	1087777	1744
ENSG0000(	1409.13	2004.749	-0.50822	3.17E-05	9.59E-05	KIFC1	chr6	+	33359313	33377701	2706
ENSG0000(	1.431782	0	1.7261	0.329	NA	OR11Q1P	chrX	+	1.3E+08	1.3E+08	877
ENSG0000(	3.144492	1.591889	0.80192	0.53237	0.63353	AP003025.	chr11	-	1.31E+08	1.31E+08	4335
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP5-968D2	chr1	-	1.68E+08	1.68E+08	519
ENSG0000(	0.975385	0.951736	0.017636	0.99106	0.99529	LINC00316	chr21	-	46758505	46761905	455
ENSG0000(	0.580602	0.686276	-0.10523	0.9528	NA	WI2-80423	chr22	-	36817318	36817689	372
ENSG0000(	1.939605	2.811501	-0.47218	0.70217	0.77846	HCG4P3	chr6	-	29973898	29974893	996
ENSG0000(	10.90291	12.14182	-0.14411	0.80333	0.86089	KRR1P1	chr13	-	20644390	20646276	803
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	RP11-307E	chr9	-	97049981	97050832	852
ENSG0000(	1.016461	1.935026	-0.78432	0.56702	0.6646	RP3-514P1	chrX	-	1.01E+08	1.01E+08	1792
ENSG0000(	104.0153	430.6799	-2.0425	2.44E-15	1.63E-14	AL627309.	chr1	-	134901	139379	2661
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-360C	chr6	-	10511269	10514779	1475
ENSG0000(	9.034295	11.05413	-0.28013	0.70818	0.78306	RP5-1120P	chr6	-	43963460	44042389	2232
ENSG0000(	0.870904	0	1.046	0.5544	NA	LINC00686	chr20	-	61326376	61331832	332
ENSG0000(	0.580602	0	0.8036	0.6494	NA	AC007064.	chr22	+	17350368	17352016	500
ENSG0000(	2.448243	0	2.6745	0.099619	0.16096	IFNWP2	chr9	+	21420233	21420812	580
ENSG0000(	1.431782	1.234181	0.12042	0.93669	0.95822	IRGM	chr5	+	1.5E+08	1.5E+08	1659
ENSG0000(	22.10729	2.575179	2.9536	1.82E-05	5.66E-05	LINC00312	chr3	+	8613468	8615561	2094
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-199F	chr13	+	1.15E+08	1.15E+08	344
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AP004289.	chr8	-	1E+08	1E+08	1457
ENSG0000(	1.628766	0.297015	1.6275	0.30182	0.40306	AC008937.	chr5	-	56137843	56157991	619
ENSG0000(	2.085163	0	2.4626	0.13461	0.20763	RP11-39K2	chr9	+	5100236	5101009	774
ENSG0000(	0	3.3343	-2.9544	0.072797	0.12324	AC006000.	chr7	-	13378826	13404674	842
ENSG0000(	1.608228	0.715414	0.85058	0.60052	0.69444	P4HA2-AS1	chr5	+	1.32E+08	1.32E+08	839
ENSG0000(	8.092404	9.395103	-0.22237	0.76073	0.82635	AC009095.	chr16	-	67648284	67649245	522
ENSG0000(	6.95011	3.397409	0.9869	0.27691	0.37716	RP1-179N1	chr6	-	36059768	36060423	656
ENSG0000(	0	2.010288	-2.4674	0.13027	0.202	AF064858.	chr21	-	40378574	40383255	509
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP3-453P2	chr1	-	7442548	7449814	432
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	RNGTTP1	chr21	+	27015801	27016528	728
ENSG0000(	6.08002	0.98329	2.3125	0.039422	0.072469	AC010980.	chr2	+	2.23E+08	2.23E+08	1345
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-298E	chr9	+	27391732	27397561	708
ENSG0000(	0.342542	0	0.4146	0.81455	NA	U82670.4	chrX	-	1.52E+08	1.52E+08	921
ENSG0000(	1.681007	1.773966	-0.0473	0.97258	0.98483	DCTN1-AS1	chr2	+	74612613	74621009	2145
ENSG0000(	2.188831	2.711133	-0.23972	0.84038	0.88801	RNF216-IT1	chr7	-	5702063	5720092	337
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-157H	chr10	+	89136653	89138238	1586
ENSG0000(	0	20.39257	-5.9732	3.20E-07	1.20E-06	RP11-624N	chr6	-	1.26E+08	1.26E+08	708

ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC009963.	chr2	+	1.09E+08	1.09E+08	339
ENSG0000(	1.359003	1.340997	0.007245	0.99567	0.99763	UQCRBP1	chrX	-	56763675	56764010	336
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	RP3-423B2	chr1	+	38021843	38022108	266
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC007740.	chr2	+	1.64E+08	1.64E+08	2999
ENSG0000(	55.32548	28.03486	0.95566	0.018278	0.036388	AC079922.	chr2	-	1.13E+08	1.13E+08	2022
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	RP11-77M!	chr1	+	1.63E+08	1.63E+08	469
ENSG0000(	0.580602	4.074821	-2.2274	0.10172	0.16371	EEF1A1P30	chrX	-	1.19E+08	1.19E+08	1335
ENSG0000(	8.568525	7.106401	0.27032	0.69436	0.77197	BANF1P3	chr2	-	2.32E+08	2.32E+08	261
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-127C	chr10	+	1.06E+08	1.06E+08	369
ENSG0000(	0	3.6483	-3.4125	0.020029	0.039519	RP11-3B12	chr7	+	1.25E+08	1.25E+08	1453
ENSG0000(	263.3048	188.0403	0.48514	0.005599	0.01234	FAM200B	chr4	+	15683285	15707188	2962
ENSG0000(	1.991846	0.98329	0.8324	0.53781	0.63861	RP11-512G	chr12	-	67659622	67660746	1125
ENSG0000(	0	1.713273	-2.2094	0.18675	NA	RP11-101E	chr20	+	38633119	38637171	731
ENSG0000(	1.660469	0	1.9303	0.27163	NA	RP11-344N	chr10	+	74831053	74833766	291
ENSG0000(	0.685084	0.357707	0.4822	0.78686	NA	AC092620.	chr2	+	1.39E+08	1.39E+08	680
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-129B	chr12	+	95519536	95520165	630
ENSG0000(	2.282147	3.526915	-0.57818	0.57503	0.67192	RP11-54A4	chr1	-	1.51E+08	1.51E+08	663
ENSG0000(	3.568372	0.715414	1.9663	0.14067	0.21463	RP5-1041C	chr20	+	48445662	48447622	1653
ENSG0000(	1.027626	0.594029	0.4306	0.80706	NA	RP11-203I2	chr9	+	65585692	65661972	2390
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	RP11-472N	chr10	-	31982012	31996316	347
ENSG0000(	2.67693	0	2.9076	0.061873	0.10715	AC010894.	chr2	+	1.75E+08	1.75E+08	457
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AMDP1	chrX	-	1.55E+08	1.55E+08	992
ENSG0000(	1.733248	0	1.9774	0.25925	NA	LINC00211	chr2	-	38053390	38103417	1923
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC018470.	chr2	-	1.75E+08	1.75E+08	960
ENSG0000(	1.048164	0.640152	0.47734	0.76747	NA	AC015849.	chr17	+	34195971	34212867	662
ENSG0000(	1.233984	4.259314	-1.5273	0.19528	0.28319	RP11-400K	chr8	-	54427731	54436491	2387
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC002066.	chr7	-	1.16E+08	1.16E+08	699
ENSG0000(	2.229907	7.2966	-1.57	0.080572	0.13439	AC007000.	chr7	-	76689662	76689796	135
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RPS3AP29	chr7	-	97527659	97528427	769
ENSG0000(	3.899749	1.698704	1.0836	0.33315	0.43651	AC002454.	chr7	+	92465797	92546501	527
ENSG0000(	1.991846	2.338857	-0.20534	0.85527	0.89817	AC083873.	chr7	-	1.33E+08	1.33E+08	1099
ENSG0000(	0.342542	2.307303	-2.0599	0.17308	0.25581	RP11-332C	chr10	-	1.05E+08	1.05E+08	400
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	PA2G4P1	chrX	-	1.2E+08	1.2E+08	1197
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-432N	chrX	-	1.35E+08	1.35E+08	1432
ENSG0000(	4.503495	0.937167	1.8854	0.13247	0.20492	PHKA2-AS1	chrX	+	18908414	18912615	656
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AC133680.	chr3	+	24729410	25215796	584
ENSG0000(	1.628766	1.430828	0.17108	0.90799	0.93663	FAM21FP	chr10	-	46201879	46217887	1131
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-110J	chr1	-	1.57E+08	1.57E+08	1531
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP5-940F7	chr1	-	2.36E+08	2.36E+08	740
ENSG0000(	143.2145	98.22104	0.53763	0.067203	0.11505	RP11-216N	chr9	+	42250840	42251545	706
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-739N	chr1	+	2.04E+08	2.04E+08	234
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP1-67K17	chr6	+	1.43E+08	1.43E+08	444
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP4-630A1	chr1	+	65952089	65959871	423
ENSG0000(	0.632843	0.937167	-0.40344	0.80349	NA	RP5-833A2	chr1	-	61714617	61719182	480
ENSG0000(	92.86845	27.53382	1.7448	1.56E-09	7.09E-09	LINC00674	chr17	+	66098049	66111659	678
ENSG0000(	5.704962	26.68487	-2.1411	0.000145	0.000405	RP11-435C	chr9	-	98177116	98189078	1404
ENSG0000(	0	10.9643	-5.0533	6.06E-05	0.000177	RP6-24A23	chrX	+	1.08E+08	1.08E+08	1142
ENSG0000(	0.632843	0.654722	-0.02224	0.98935	NA	AC097533.	chr4	-	1.23E+08	1.23E+08	479
ENSG0000(	4.253456	0	3.645	0.010889	0.022705	AC073130.	chr7	-	1.16E+08	1.16E+08	1958
ENSG0000(	4.678149	30.07657	-2.6158	1.33E-05	4.19E-05	POU5F1P4	chr1	+	1.55E+08	1.55E+08	1085
ENSG0000(	5.217676	5.554188	-0.08684	0.91385	0.94124	AC097500.	chr2	-	1.87E+08	1.87E+08	1079
ENSG0000(	0.36308	0	0.4146	0.81455	NA	LINC00398	chr13	+	31377343	31384782	906
ENSG0000(	10.45508	5.07268	0.9819	0.20757	0.29733	DGUOK-AS:	chr2	-	74174769	74208568	601
ENSG0000(	17.20983	77.17226	-2.1168	0.000121	0.000342	RP11-611D	chr9	+	1.39E+08	1.39E+08	738
ENSG0000(	3.558999	0.594029	1.9203	0.2019	0.29054	AC092839.	chr2	+	54756480	54756938	459
ENSG0000(	7.395342	2.788811	1.3161	0.18575	0.27136	KLF7-IT1	chr2	-	2.08E+08	2.08E+08	655
ENSG0000(	2.209369	0	2.6146	0.10444	0.16741	AC005008.	chr7	+	80804824	80828431	715
ENSG0000(	6.370321	6.315726	0.005737	0.99389	0.99669	RP4-739H1	chr1	-	41134761	41153260	471
ENSG0000(	4.595998	0.686276	2.3332	0.068377	0.11673	RP3-404F1	chrX	+	1.19E+08	1.19E+08	433
ENSG0000(	0.923144	2.915901	-1.309	0.35271	0.45699	RP11-408C	chr9	-	1.16E+08	1.16E+08	566
ENSG0000(	0.653381	1.248751	-0.69198	0.66297	NA	SRP68P3	chr17	-	20319105	20320010	344
ENSG0000(	8.507725	2.041842	1.9188	0.03746	0.069227	RP11-537E	chr2	+	1.1E+08	1.1E+08	311
ENSG0000(	0.72616	0	0.85004	0.63064	NA	PARP4P1	chrY	-	28740998	28780799	2337
ENSG0000(	0	1.98115	-2.4527	0.13291	0.20539	AC004543.	chr7	-	19853308	19857713	369
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-478H	chr1	-	2.36E+08	2.36E+08	656

ENSG0000(	0	60.10211	-7.4202	4.95E-11	2.51E-10	XXbac-BPG	chr6	-	30807303	30815936	799
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP13-346H	chrX	+	50905696	50906509	814
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP3-393E1	chr6	-	1.6E+08	1.6E+08	2002
ENSG0000(	11.98278	0	5.2056	2.29E-05	7.05E-05	RP4-668G5	chr1	-	61405911	61436448	1275
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-469E	chrX	+	40936252	40937003	752
ENSG0000(	2.261609	4.510205	-0.90716	0.36905	0.47364	RP11-467D	chr1	+	29550445	29551328	573
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	AP000770.	chr11	+	1.17E+08	1.17E+08	583
ENSG0000(	10.39428	4.167067	1.2442	0.093464	0.15263	RP11-288I	chr1	-	16049214	16063391	645
ENSG0000(	24.67893	13.26436	0.87895	0.11089	0.17632	AC093642.	chr2	+	2.43E+08	2.43E+08	2170
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	KCNQ1DN	chr11	+	2891263	2893335	1093
ENSG0000(	6.660623	238.7312	-5.1141	2.03E-39	3.52E-38	PRKCQ-AS1	chr10	+	6622381	6627641	1133
ENSG0000(	11.70364	148.173	-3.6335	5.78E-22	5.31E-21	LINC00649	chr21	+	35287838	35349992	9124
ENSG0000(	2.448243	2.367995	0.028144	0.9813	0.98968	RP11-7O11	chr1	-	44410042	44412223	494
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	RP11-231M	chrX	-	64404898	64407145	1362
ENSG0000(	1.555988	4.022992	-1.1758	0.30292	0.40419	TUBG1P	chr7	+	43958296	43959653	1358
ENSG0000(	217.4752	414.822	-0.93105	9.51E-09	4.05E-08	hsa-mir-67	chr1	+	566454	567996	1543
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	FLG-AS1	chr1	+	1.52E+08	1.52E+08	2995
ENSG0000(	1.576526	3.38284	-0.94373	0.40422	0.50902	RP11-126K	chr1	+	1.51E+08	1.51E+08	618
ENSG0000(	2.551911	16.51849	-2.5373	0.000934	0.002327	RP3-430N8	chr22	+	31298206	31298768	563
ENSG0000(	0.36308	50.63994	-6.3955	8.72E-10	4.05E-09	RP11-385J	chr3	-	1.78E+08	1.79E+08	964
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AC007389.	chr2	-	65728127	65729272	793
ENSG0000(	2.447429	0.951736	1.1153	0.41632	0.52145	RP11-338C	chr1	-	2.13E+08	2.13E+08	473
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-815I	chr3	-	38311774	38312258	485
ENSG0000(	11.95189	16.58409	-0.46586	0.48502	0.58903	PTENP1	chr9	-	33673502	33677497	3996
ENSG0000(	0.632843	0.654722	-0.02224	0.98935	NA	CELF2-AS2	chr10	-	11117094	11140436	853
ENSG0000(	0	1.029414	-1.1526	0.51496	NA	OR2I1P	chr6	+	29520996	29521943	948
ENSG0000(	13.01978	0	5.3269	1.21E-05	3.84E-05	AP001046.	chr21	-	44778027	44782229	2798
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-159M	chr1	-	1.17E+08	1.17E+08	705
ENSG0000(	5.923298	3.137654	0.82331	0.37445	0.47869	RP11-432J	chr10	-	72625245	72626128	884
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-394D	chr9	+	1.03E+08	1.03E+08	1116
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	RP11-465M	chr1	+	2.02E+08	2.02E+08	308
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-443B	chr1	-	2.35E+08	2.35E+08	889
ENSG0000(	1.306762	0.357707	1.2513	0.45831	NA	AC132515.	chr3	+	33596128	33596351	224
ENSG0000(	1.048164	1.029414	0.012988	0.99377	0.99669	RP11-34P1	chr1	-	89295	133566	2748
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-123K	chr9	+	1.29E+08	1.29E+08	394
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC114752.	chr2	-	64557620	64559265	289
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-427P	chr3	+	46839613	46839880	268
ENSG0000(	1.161205	0	1.2509	0.47995	NA	RP4-641G1	chr1	+	79131957	79132380	424
ENSG0000(	16.24561	9.369996	0.77849	0.15662	0.23559	AC093110.	chr2	-	54888148	54889929	602
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	HTR3E-AS1	chr3	-	1.84E+08	1.84E+08	515
ENSG0000(	1.939605	0.937167	0.83589	0.54216	0.64269	ARMC4P1	chr10	+	27547691	27577753	707
ENSG0000(	0	1.073121	-1.1788	0.50551	NA	DDX39BP2	chr6	+	29960986	29961382	258
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	ZDHHC4P1	chr13	+	43507994	43509028	1035
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC002480.	chr7	-	22689579	22705152	2592
ENSG0000(	0	3.855484	-3.424	0.022534	0.043969	RP5-1185K	chr20	+	21928285	21951421	569
ENSG0000(	87.96764	71.8742	0.2857	0.35082	0.45522	AC138035.	chr5	+	1.81E+08	1.81E+08	2661
ENSG0000(	0.36308	4.150082	-2.8238	0.047647	0.085326	ATP6V0E1P	chr2	+	33827108	33827353	246
ENSG0000(	0.705622	0	0.8807	0.6196	NA	AF011889.	chrX	-	1.49E+08	1.49E+08	655
ENSG0000(	0.870904	0.297015	0.71032	0.69005	NA	RP11-59K5	chr11	+	56457941	56458199	259
ENSG0000(	1.576526	1.058552	0.50409	0.72225	0.79444	RP11-815M	chr1	-	2.22E+08	2.22E+08	720
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-699L	chr3	+	1.94E+08	1.94E+08	566
ENSG0000(	3.568372	7.15823	-0.94129	0.26768	0.36641	AC009133.	chr16	-	29819966	29823306	2440
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	AP005019.	chr11	+	72231030	72232777	822
ENSG0000(	0.290301	0	0.4146	0.81455	NA	LL0XNC01-	chrX	-	1.03E+08	1.03E+08	268
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP1-128O3	chr6	+	1.09E+08	1.09E+08	326
ENSG0000(	0.290301	0	0.4146	0.81455	NA	ZEB2-AS1	chr2	+	1.45E+08	1.45E+08	1908
ENSG0000(	15.01	7.907614	0.90461	0.14266	0.21735	RP11-432J	chr9	+	1.39E+08	1.39E+08	311
ENSG0000(	3.060548	1.280305	1.056	0.3884	0.49258	RP4-635A2	chr1	+	1.85E+08	1.85E+08	973
ENSG0000(	0	9.54321	-4.876	0.000116	0.000328	AC105344.	chr2	-	2.32E+08	2.32E+08	3508
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-329M	chr1	+	38940868	38942156	790
ENSG0000(	0.632843	0	0.81931	0.64303	NA	ZNF630-AS	chrX	+	47915699	47925971	396
ENSG0000(	1.89853	3.010564	-0.55303	0.65515	0.74002	RP11-305M	chr7	-	1.29E+08	1.29E+08	258
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-198M	chr3	+	1.9E+08	1.9E+08	888
ENSG0000(	1.286224	1.029414	0.25867	0.8668	0.90724	RP11-295M	chr1	+	2.21E+08	2.21E+08	962
ENSG0000(	3.246368	3.38284	-0.03958	0.96917	0.98264	AC009948.	chr2	+	1.79E+08	1.79E+08	713

ENSG0000(	83.77833	71.80788	0.22263	0.33978	0.44368	LRRC37A2	chr17	+	44588877	44633016	5669
ENSG0000(	0.290301	1.012429	-0.95336	0.58114	NA	RP3-469D2	chr1	+	25725203	25725771	569
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-435F	chr1	-	2.41E+08	2.41E+08	344
ENSG0000(	4.822893	2.621302	0.8076	0.41666	0.5218	PPP1R26P:	chr13	-	48890999	48894611	3613
ENSG0000(	0.923144	8.231351	-2.7595	0.011727	0.024277	AC006195.	chr7	+	33419576	33420498	923
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AC016745.	chr2	-	1.14E+08	1.14E+08	438
ENSG0000(	11.18384	0	5.1022	4.02E-05	0.00012	RP11-513G	chr3	+	1.94E+08	1.94E+08	1195
ENSG0000(	4.854596	13.09685	-1.3567	0.075222	0.1268	ABCA17P	chr16	+	2389151	2476700	4188
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-12A2	chr6	-	1.4E+08	1.4E+08	490
ENSG0000(	4.169512	6.29874	-0.54688	0.50881	0.61225	RPL9P7	chrX	-	23854761	23855459	640
ENSG0000(	6.099745	198.9166	-4.9329	9.33E-34	1.37E-32	GOLGA2B	chr12	-	1.01E+08	1.01E+08	5266
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-495P	chr1	+	1.48E+08	1.48E+08	1918
ENSG0000(	4.689314	3.899191	0.23248	0.79307	0.85287	AC004893.	chr7	-	98596161	98597553	1393
ENSG0000(	0.36308	0.594029	-0.39069	0.82661	NA	AC066692.	chr2	+	24123563	24124019	457
ENSG0000(	74.36123	2.713549	4.6701	1.11E-15	7.56E-15	RP11-262H	chr9	+	66457285	66469310	2877
ENSG0000(	13.36151	0.951736	3.4621	0.000292	0.000782	AP004372.	chr11	-	1.32E+08	1.32E+08	509
ENSG0000(	1.887365	0.297015	1.7078	0.2989	0.40066	CTA-941F9.	chr22	-	46000312	46001501	548
ENSG0000(	1.660469	0.951736	0.59518	0.69567	0.77303	LINC00426	chr13	-	30914407	30951282	1589
ENSG0000(	26.205	31.63287	-0.26227	0.55795	0.65686	MID1IP1-A	chrX	-	38660821	38663136	376
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	SLC9A3P2	chr22	+	21007017	21009037	2021
ENSG0000(	0.923144	1.372552	-0.37317	0.82081	0.87406	CASC4P1	chr13	-	20137729	20139040	1312
ENSG0000(	4.544571	3.259039	0.41097	0.69334	0.77146	MLK7-AS1	chr2	-	1.74E+08	1.74E+08	2538
ENSG0000(	0	1.669566	-1.94	0.2691	NA	ARPC3P2	chr1	+	2.12E+08	2.12E+08	533
ENSG0000(	0.72616	0.700845	0.022935	0.98937	NA	RP11-253A	chr1	+	51927393	51929088	678
ENSG0000(	0.705622	1.98115	-1.2292	0.3862	0.49045	BRWD1-AS	chr21	+	40687633	40695144	691
ENSG0000(	6.68972	23.62335	-1.746	0.005306	0.01176	RP11-108M	chr1	-	17215033	17216144	406
ENSG0000(	0.342542	0.654722	-0.52406	0.76557	NA	AC104978.	chr11	-	28308782	28309172	391
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC008753.	chr19	+	54278853	54279136	284
ENSG0000(	2.604151	4.380699	-0.67349	0.49701	0.6007	MLLT10P1	chr20	-	29637799	29638060	262
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC116366.	chr5	-	1.32E+08	1.32E+08	767
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	OR7E117P	chr11	-	3620825	3621936	1112
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP3-395M2	chr1	-	2481359	2488470	3608
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-160C	chr15	+	79044449	79045715	392
ENSG0000(	0.290301	4.144377	-2.8403	0.047579	0.085219	RP11-686G	chr12	+	1.12E+08	1.12E+08	429
ENSG0000(	0.705622	0	0.8807	0.6196	NA	AC068196.	chr2	-	1.82E+08	1.82E+08	833
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RPS2P35	chr9	-	1.03E+08	1.03E+08	897
ENSG0000(	1.451506	0.715414	0.64988	0.70853	0.78334	RPL39P6	chr1	+	11293020	11293169	150
ENSG0000(	8.631931	36.79209	-2.0533	5.29E-05	0.000156	RP11-431J	chrX	-	16171064	16188992	1037
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	RP11-169C	chr13	+	24993688	24995180	1070
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC017079.	chr2	+	1.29E+08	1.29E+08	485
ENSG0000(	6.079207	10.28131	-0.71665	0.35308	0.45743	AC129929.	chr11	-	2349979	2399222	1460
ENSG0000(	6.837069	6.520493	0.064077	0.93268	0.95581	RP11-656D	chr1	-	40981426	40982846	546
ENSG0000(	3.600075	0.297015	2.7007	0.056495	0.099014	RP5-875H3	chrX	+	1.3E+08	1.3E+08	603
ENSG0000(	0.290301	0	0.4146	0.81455	NA	ENOX1-AS2	chr13	+	44032601	44033259	248
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP4-719C8	chr20	-	58201519	58203344	668
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTA-503F6.	chr22	+	27600173	27601088	308
ENSG0000(	9.773411	12.01802	-0.29583	0.63022	0.71982	PAXBP1-AS	chr21	+	34100426	34115433	3523
ENSG0000(	7.210336	5.395544	0.38583	0.6565	0.7412	RP11-31F1	chr1	-	1.14E+08	1.14E+08	2459
ENSG0000(	0.342542	2.012704	-1.7068	0.30191	0.40315	UBE2V2P3	chr1	-	11338673	11339408	437
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC114752.	chr2	-	64565201	64568781	404
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	MPC1L	chrX	+	40482836	40483112	277
ENSG0000(	127.2694	160.2843	-0.33163	0.27338	0.37307	RP11-472B	chr4	+	39549456	39551432	608
ENSG0000(	0	4.083685	-3.5361	0.015969	0.032166	AC009312.	chr2	-	1.19E+08	1.19E+08	592
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-112M	chr9	-	1.08E+08	1.08E+08	3759
ENSG0000(	0.870904	0	1.046	0.5544	NA	RP13-210D	chrX	+	1.34E+08	1.34E+08	560
ENSG0000(	1.317927	0	1.6383	0.35541	NA	AC005863.	chr17	+	14737955	14803871	953
ENSG0000(	0.705622	2.901332	-1.7225	0.20301	0.29186	TARDBPP2	chr13	+	60848910	60850140	1231
ENSG0000(	1.45232	1.416259	0.02036	0.98998	0.9947	RP11-69L1	chr6	+	7276264	7299105	500
ENSG0000(	0	2.185918	-2.5615	0.11691	0.18465	MKRN4P	chrX	+	40693738	40695258	1521
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-522M	chr1	-	2.46E+08	2.46E+08	271
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CRIP1P2	chr3	+	25728387	25728614	228
ENSG0000(	1360.348	1536.561	-0.17565	0.1167	0.18444	C9orf69	chr9	-	1.39E+08	1.39E+08	2844
ENSG0000(	2.987769	3.708992	-0.28251	0.76961	0.83366	AC004967.	chr7	-	97576299	97577310	1012
ENSG0000(	0	2.589748	-2.8794	0.06476	0.11148	LINC00391	chr13	-	95351948	95355116	1844
ENSG0000(	1.681007	1.430828	0.19607	0.89581	0.9277	RP11-460I:	chr1	-	28316669	28317035	367

ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CCR12P	chr13	-	1E+08	1E+08	998
ENSG0000(	1.359003	0	1.8987	0.26617	NA	RP11-575B	chr1	+	60580547	60615351	683
ENSG0000(	2.282147	4.286036	-0.79938	0.48545	0.58947	OR2W3	chr1	+	2.48E+08	2.48E+08	1818
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	GABARAPL:	chr15	-	90890819	90892669	1851
ENSG0000(	1.317927	0.686276	0.64816	0.69683	0.77397	MYO5BP2	chr9	+	66513032	66514308	1277
ENSG0000(	0.342542	1.073121	-0.87093	0.62353	NA	RP11-575A	chr10	-	20359734	20380713	499
ENSG0000(	24.87591	6.169234	1.9791	0.001108	0.002729	ST6GAL2-IT	chr2	-	1.07E+08	1.07E+08	388
ENSG0000(	2.085163	5.202929	-1.1866	0.28758	0.38929	RP11-172F	chr9	+	99169566	99170079	514
ENSG0000(	3.910914	0	3.5199	0.015173	0.030711	RP11-342D	chr10	+	33500205	33502732	781
ENSG0000(	0.342542	0.715414	-0.51272	0.77372	NA	AC067940.	chr2	-	1.69E+08	1.69E+08	300
ENSG0000(	8.102756	5.805079	0.45109	0.56813	0.66559	RP11-46F1	chr1	-	3539754	3541307	622
ENSG0000(	0.290301	1.606458	-1.5134	0.36351	NA	RP11-435B	chr1	+	1.43E+08	1.43E+08	2495
ENSG0000(	0.342542	0	0.4146	0.81455	NA	NTM-IT	chr11	+	1.32E+08	1.32E+08	373
ENSG0000(	0	15.34983	-5.427	2.37E-05	7.29E-05	LINC00707	chr10	+	6821560	6884868	3070
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-241K	chr3	-	39379620	39380370	476
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	PAGE2B	chrX	+	55101496	55105342	493
ENSG0000(	30.11575	0.357707	5.6793	1.57E-07	6.04E-07	IFNWP19	chr9	+	21455483	21456048	566
ENSG0000(	4.399013	1.280305	1.5438	0.17543	0.25866	AC012360.	chr2	+	1.06E+08	1.06E+08	2008
ENSG0000(	17.81016	17.67661	0.02093	0.96648	0.98085	LINC00340	chr6	+	22056775	22111157	327
ENSG0000(	104.4883	76.50029	0.44495	0.0998	0.16118	ALG1L6P	chr3	+	75464221	75471294	758
ENSG0000(	4.148974	0.297015	2.9072	0.035971	0.066794	BX470102.	chr1	+	1.54E+08	1.54E+08	531
ENSG0000(	0.923144	0	1.223	0.49292	NA	RP11-436D	chr10	-	64553322	64565647	688
ENSG0000(	0.705622	0	0.8807	0.6196	NA	MRPL50P2	chr2	-	2.04E+08	2.04E+08	482
ENSG0000(	7.003165	0.640152	2.9905	0.009092	0.019249	SLC35E1P1	chr13	+	21181407	21182270	864
ENSG0000(	3.111975	5.162511	-0.6374	0.56557	0.66347	RP11-656D	chr1	-	40958829	40974333	605
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-100G	chr9	+	94872450	94872796	347
ENSG0000(	4.709039	2.679579	0.74509	0.49795	0.60168	RP11-431K	chr1	+	8086798	8182762	2044
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-94M:	chr10	+	92222474	92227709	831
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP5-1121E	chr7	-	89748613	89752204	578
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-292E	chr3	-	1.53E+08	1.53E+08	1958
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC002992.	chrY	+	14465804	14468226	499
ENSG0000(	1.08924	1.98115	-0.71133	0.62781	0.71765	GAPDHP39	chr3	+	1.38E+08	1.38E+08	979
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RPS26P55	chr19	-	35024332	35024989	356
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	RPL6P7	chr3	+	1.55E+08	1.55E+08	833
ENSG0000(	17.68774	52.8374	-1.5522	0.001179	0.002894	RP11-85F1	chr3	-	1.37E+08	1.37E+08	1194
ENSG0000(	0	1.874334	-2.1429	0.21634	NA	RPL27P12	chr12	-	1.24E+08	1.24E+08	394
ENSG0000(	42.57996	72.9991	-0.75693	0.039642	0.072813	RPS20P22	chr8	-	38291865	38293182	1318
ENSG0000(	1.048164	1.66715	-0.53374	0.72116	0.79367	RP11-379K	chr3	-	1.7E+08	1.7E+08	6251
ENSG0000(	23.28129	20.97458	0.13043	0.81786	0.87212	AC008280.	chr2	+	54197975	54307601	1330
ENSG0000(	1.265686	1.591889	-0.26775	0.8454	0.89157	RP11-464D	chr17	-	60593682	60594128	447
ENSG0000(	3.859487	2.117104	0.75528	0.53775	0.63861	RP11-365F	chr7	-	1.39E+08	1.39E+08	1751
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RBM43P1	chr3	-	69520603	69521683	1081
ENSG0000(	211.6242	122.1635	0.78129	0.02355	0.04576	TXNDC5	chr6	-	7881750	7911047	2964
ENSG0000(	1.08924	1.294874	-0.22395	0.8844	0.91933	CLRN1-AS1	chr3	+	1.51E+08	1.51E+08	2223
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-384F	chr3	-	1.17E+08	1.18E+08	554
ENSG0000(	6.338619	4.600036	0.42932	0.58725	0.68291	RPL21P10	chr14	-	78149545	78150332	490
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP4-675G8	chr1	-	44603514	44604485	320
ENSG0000(	4.491516	3.290593	0.4267	0.63779	0.72588	RP11-271C	chr3	-	1.13E+08	1.13E+08	432
ENSG0000(	1.431782	1.545765	-0.12526	0.93339	0.95629	GATSL3	chr22	-	30681106	30685616	1623
ENSG0000(	3.994857	1.485073	1.1533	0.37991	0.4839	RP5-867C2	chr17	-	45236557	45237359	803
ENSG0000(	6.007242	4.098254	0.52876	0.53686	0.63775	RP11-400L	chr2	+	9645574	9652541	491
ENSG0000(	169.4406	104.8653	0.6865	0.010225	0.021453	RNF103	chr2	-	86830516	86850989	4560
ENSG0000(	899.5838	1456.419	-0.69227	0.001119	0.002757	RBM14	chr11	+	66384053	66406124	2828
ENSG0000(	0.36308	0.700845	-0.575	0.7429	NA	RP11-449H	chr5	+	1.46E+08	1.46E+08	238
ENSG0000(	0.290301	1.188058	-1.0232	0.56351	NA	AC007040.	chr2	-	71168947	71175740	1129
ENSG0000(	4.648238	0.700845	2.3721	0.054999	0.09662	AC016722.	chr2	+	47043836	47086146	2157
ENSG0000(	6.960297	7.579045	-0.12312	0.86215	0.90365	RP11-745C	chr12	+	66524531	66528229	623
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-771F	chr8	+	1.05E+08	1.05E+08	749
ENSG0000(	7.01433	2.056411	1.6422	0.093175	0.15228	NPM1P29	chr3	-	1.5E+08	1.5E+08	803
ENSG0000(	6.733401	1.294874	2.1419	0.033838	0.063208	RP11-492E	chr9	+	1.32E+08	1.32E+08	382
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RPS26P49	chr14	-	1.05E+08	1.05E+08	334
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	TPTE2P2	chr13	-	52793663	52871963	1466
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-407P	chr12	-	1.17E+08	1.17E+08	480
ENSG0000(	8.76551	25.10426	-1.4706	0.006653	0.014457	RP4-584D1	chr7	-	1.5E+08	1.5E+08	420
ENSG0000(	17.03257	18.41955	-0.1113	0.81438	0.86966	ALKBH6	chr19	-	36500022	36505141	3326

ENSG0000(	11.40218	9.667011	0.22706	0.70694	0.78214	ASB14	chr3	-	57302375	57326710	3179
ENSG0000(	3.785894	15.86626	-1.9092	0.032459	0.060884	PCDHA13	chr5	+	1.4E+08	1.4E+08	5260
ENSG0000(	0	1.416259	-1.7181	0.33141	NA	RP11-537H	chr9	-	34133155	34134694	1540
ENSG0000(	0	1.531196	-1.8455	0.29475	NA	CTD-2301A	chr5	+	1.77E+08	1.77E+08	354
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CYP4F43P	chr2	-	1.31E+08	1.31E+08	2248
ENSG0000(	18.97397	10.05869	0.89793	0.12713	0.19807	LL0XNC01-	chrX	+	1.02E+08	1.02E+08	1133
ENSG0000(	22.53117	20.56579	0.13518	0.74773	0.8153	AP001469.	chr21	-	47671463	47674047	2014
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-260C	chr3	+	82035289	82512826	1951
ENSG0000(	2.883288	4.692283	-0.62917	0.50928	0.61265	ST3GAL6-A	chr3	-	98433174	98451495	769
ENSG0000(	0.685084	1.340997	-0.72382	0.64437	0.73126	CTD-2021J	chr3	+	98621268	98737406	395
ENSG0000(	1.016461	0.715414	0.34797	0.83671	NA	RP11-330L	chr15	-	64923308	64924113	485
ENSG0000(	1.048164	29.51584	-4.5206	5.64E-07	2.06E-06	AC007405.	chr2	+	1.72E+08	1.72E+08	660
ENSG0000(	2.334388	1.652581	0.43157	0.71241	0.78652	RP11-16F1	chr11	+	9681946	9682503	558
ENSG0000(	3.725094	0.686276	2.0116	0.13799	0.21141	KLHL41	chr2	+	1.7E+08	1.7E+08	2464
ENSG0000(	6.556141	4.692283	0.46814	0.54441	0.64477	RP11-514P	chr7	-	1.02E+08	1.02E+08	541
ENSG0000(	4.627701	6.802939	-0.53197	0.52585	0.62769	RP11-90K6	chr3	+	1.12E+08	1.12E+08	1097
ENSG0000(	2.229907	5.332435	-1.1363	0.23578	0.32974	RPS15AP16	chr3	-	1.29E+08	1.29E+08	361
ENSG0000(	16.9606	9.961609	0.7464	0.18664	0.27248	RP11-163E	chr7	-	1.02E+08	1.02E+08	338
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-101P	chr13	+	21834168	21867568	621
ENSG0000(	4.677336	5.36399	-0.15779	0.86088	0.90262	MARK2P8	chr3	-	1.28E+08	1.28E+08	952
ENSG0000(	0.975385	1.188058	-0.21443	0.89677	0.92846	PLCH1-AS1	chr3	+	1.55E+08	1.55E+08	1308
ENSG0000(	0	2.073397	-2.2159	0.20168	0.2903	RP11-2A4.3	chr3	+	1.37E+08	1.37E+08	1288
ENSG0000(	0.36308	1.058552	-0.99522	0.56254	NA	CADM2-AS3	chr3	-	86041333	86077157	2656
ENSG0000(	83.3066	46.26662	0.8351	0.004104	0.009257	GATS	chr7	-	99798276	99869837	3522
ENSG0000(	2.67693	8.066258	-1.5094	0.080837	0.13472	MYLK-AS1	chr3	+	1.23E+08	1.23E+08	760
ENSG0000(	2.354926	1.638012	0.44441	0.70429	0.7802	RPL32P34	chr19	+	5277745	5278144	400
ENSG0000(	0.290301	6.535062	-3.562	0.005753	0.012652	CTB-118N6	chr5	+	1.16E+08	1.16E+08	369
ENSG0000(	0.870904	0	1.046	0.5544	NA	RP11-109M	chr14	-	73430353	73430716	364
ENSG0000(	72.83759	0.98329	5.8502	9.22E-14	5.57E-13	HOXB-AS2	chr17	+	46634624	46637695	845
ENSG0000(	10.30177	6.045433	0.73895	0.31861	0.42148	AC004951.	chr7	-	44024597	44029806	786
ENSG0000(	3.786708	0.297015	2.7378	0.054692	0.096121	RP11-168J	chr3	+	52407668	52408898	1231
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RPL37P2	chr11	-	67450243	67450529	287
ENSG0000(	15.93477	42.91695	-1.4172	0.000681	0.001732	RP11-325F	chr7	-	1.05E+08	1.05E+08	736
ENSG0000(	0.705622	2.38498	-1.4471	0.30024	0.4018	SETP11	chr3	+	1.51E+08	1.51E+08	690
ENSG0000(	1.451506	1.043983	0.36628	0.82283	0.87513	RP13-480C	chr3	+	49795916	49796089	174
ENSG0000(	1.733248	5.758956	-1.5732	0.15829	0.23767	RP11-19G2	chr17	-	35497536	35498349	814
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	MTND1P16	chr3	+	1.07E+08	1.07E+08	898
ENSG0000(	7.737884	0.297015	3.788	0.002874	0.006645	RP11-477J	chr9	-	1.24E+08	1.24E+08	838
ENSG0000(	0.923144	2.027273	-0.87988	0.52918	0.63066	RP11-449H	chr5	+	1.46E+08	1.46E+08	321
ENSG0000(	0.36308	1.029414	-0.84272	0.63492	NA	C2orf61	chr2	-	47314130	47382517	1621
ENSG0000(	1.919068	2.024857	-0.04708	0.97074	0.98381	RUVBL1-AS	chr3	+	1.28E+08	1.28E+08	588
ENSG0000(	0.342542	1.294874	-1.342	0.40631	NA	HMGN1P7	chr3	-	93707478	93707790	313
ENSG0000(	0	5.110682	-3.8934	0.005686	0.012518	RP11-88I2.	chr3	-	1.27E+08	1.27E+08	601
ENSG0000(	0.72616	0.640152	0.083249	0.96152	NA	RPSAP41	chr6	+	74000126	74000985	860
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-124A	chr4	+	41391132	41391610	479
ENSG0000(	2.250445	8.24592	-1.6873	0.10358	0.16622	RP4-728D4	chr1	-	36035414	36043330	852
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	PLS1-AS1	chr3	-	1.42E+08	1.42E+08	346
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	MTND1P3	chr7	-	1.42E+08	1.42E+08	952
ENSG0000(	0.36308	0	0.4146	0.81455	NA	MYADML	chr2	-	33947788	33953274	2147
ENSG0000(	9.004384	6.396692	0.45114	0.55539	0.65458	GUSBP4	chr6	-	58246051	58256569	672
ENSG0000(	32.49301	19.0589	0.75656	0.13476	0.20777	PSMD6-AS2	chr3	+	63989698	63997824	2456
ENSG0000(	349.2905	84.81322	2.0363	1.20E-22	1.14E-21	RP11-295P	chr10	+	13652047	13710299	1446
ENSG0000(	245.304	283.7601	-0.20775	0.2739	0.37367	NME1	chr17	+	49230897	49239789	1645
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP1-127L4	chr22	+	32537254	32539259	274
ENSG0000(	1.233984	0	1.5686	0.37707	NA	PDZRN3-AS	chr3	+	73672719	73674658	494
ENSG0000(	0.943682	0.297015	0.89158	0.60669	NA	RP11-665C	chr14	-	55749014	55749361	348
ENSG0000(	69.6103	49.31284	0.48966	0.24856	0.3448	TNFSF12	chr17	+	7452208	7464925	1768
ENSG0000(	0.870904	0.654722	0.29016	0.86514	NA	RP3-461F1	chr12	+	7139412	7139702	291
ENSG0000(	15.87316	9.509239	0.7035	0.3373	0.44103	CDRT4	chr17	-	15339332	15406922	2495
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	RP11-65N1	chr9	+	1.28E+08	1.28E+08	550
ENSG0000(	27.85333	15.15809	0.86496	0.041695	0.076003	APOBEC3G	chr22	+	39436924	39483748	2775
ENSG0000(	0.72616	0	0.85004	0.63064	NA	TLR9	chr3	-	52255096	52273183	4129
ENSG0000(	10.35222	3.123085	1.5814	0.071942	0.12197	AC009120.	chr16	-	74346507	74347288	473
ENSG0000(	124.9575	79.6315	0.64191	0.022236	0.043449	WBP1	chr2	+	74685456	74688018	2047
ENSG0000(	36.40311	83.24891	-1.1853	9.24E-05	0.000265	MRPS17	chr7	+	56019512	56024192	1843

ENSG0000(	0.653381	0	0.82678	0.64037	NA	AC002310.	chr16	+	30583571	30595181	1488
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-255N	chr9	-	30670962	30671964	555
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-109G	chr4	+	79689653	79689904	252
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	RPL21P39	chr3	-	1.46E+08	1.46E+08	483
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	ITIH4-AS1	chr3	+	52857951	52859330	395
ENSG0000(	0.580602	0.951736	-0.43779	0.79667	NA	RP11-755B	chr3	+	57614537	57640645	364
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-379B	chr3	-	1.26E+08	1.26E+08	259
ENSG0000(	3.132513	2.696564	0.22498	0.83134	0.88112	RP11-309L	chr7	+	1.29E+08	1.29E+08	431
ENSG0000(	1.359003	2.278164	-0.66508	0.59006	0.68516	SUGT1P3	chr13	-	41482295	41495910	1051
ENSG0000(	6.130469	0.686276	2.6678	0.037567	0.069404	RP11-446H	chr3	-	1.07E+08	1.07E+08	866
ENSG0000(	1.379541	0.594029	0.78145	0.63867	0.72643	RPS4XP22	chr19	-	9793970	9794749	780
ENSG0000(	0.870904	0	1.046	0.5544	NA	RP11-767L	chr3	+	1.2E+08	1.2E+08	1129
ENSG0000(	1.359003	0	1.8987	0.26617	NA	RPL23AP72	chr16	-	47184043	47184477	435
ENSG0000(	90.27367	268.6587	-1.5656	6.13E-09	2.65E-08	GET4	chr7	+	916189	936073	4356
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-690D	chr11	+	1.03E+08	1.03E+08	476
ENSG0000(	0	1.073121	-1.1788	0.50551	NA	RP11-420J	chr3	+	1.8E+08	1.8E+08	1953
ENSG0000(	0.36308	18.83237	-4.9303	3.49E-05	0.000105	RPS27P25	chr12	+	1.21E+08	1.21E+08	484
ENSG0000(	11.08955	8.041152	0.44425	0.52098	0.62356	RP11-175I	chr10	-	46349533	46411606	798
ENSG0000(	106.7986	364.5347	-1.7656	9.02E-26	9.72E-25	C1orf226	chr1	+	1.62E+08	1.62E+08	4118
ENSG0000(	12.11636	0	5.2327	1.88E-05	5.84E-05	ZNF736P9	chrY	-	7936937	7938764	1345
ENSG0000(	882.3921	1712.733	-0.95441	7.37E-09	3.16E-08	ADSL	chr22	+	40742507	40764823	2525
ENSG0000(	0.342542	0.654722	-0.52406	0.76557	NA	RP11-353N	chr1	+	1.5E+08	1.5E+08	2518
ENSG0000(	11.28653	49.85497	-2.1227	1.58E-07	6.07E-07	RP11-34P1	chr1	-	139790	140339	323
ENSG0000(	0	10.41968	-5.0052	6.48E-05	0.000189	PRKAG2-AS	chr7	+	1.52E+08	1.52E+08	1055
ENSG0000(	5.30162	4.037561	0.37538	0.65975	0.74367	RPL39P36	chr19	+	53916443	53916598	156
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RPS10P16	chr8	-	1.19E+08	1.19E+08	496
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	SNRPGP3	chr7	+	1.29E+08	1.29E+08	227
ENSG0000(	0	1.372552	-1.3974	0.43145	NA	RP11-71N1	chr3	+	1.48E+08	1.48E+08	2569
ENSG0000(	1.213446	0	1.5515	0.38249	NA	PRDX3P4	chr3	+	64160077	64160823	747
ENSG0000(	2.282147	0	2.6902	0.089639	0.14723	AP001625.	chr21	+	43916118	43918313	1603
ENSG0000(	1.027626	0	1.1491	0.51623	NA	TRBV8-2	chr7	-	1.42E+08	1.42E+08	270
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	ZBTB20-AS3	chr3	+	1.15E+08	1.15E+08	464
ENSG0000(	1.71271	3.025133	-0.67988	0.61977	0.71071	RP11-803B	chr3	-	75495920	75540353	943
ENSG0000(	0	2.185918	-2.5615	0.11691	0.18465	LILRA4	chr19	-	54844456	54850421	1944
ENSG0000(	1.08924	1.012429	0.056203	0.97303	0.98493	RP11-163E	chr7	+	1.02E+08	1.02E+08	602
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RPL31P60	chr19	+	33454405	33454771	367
ENSG0000(	0.36308	0.937167	-0.90039	0.60194	NA	FCF1P3	chr3	+	1.07E+08	1.07E+08	590
ENSG0000(	1.233984	0.715414	0.56569	0.73427	0.80386	LILRA2	chr19	+	55084387	55099027	1799
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTD-2015H	chr5	+	79796151	79797219	752
ENSG0000(	2.613524	2.962024	-0.15732	0.89409	0.92663	RP11-293A	chr4	-	26861428	26862221	482
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-200A	chr3	+	1.34E+08	1.34E+08	294
ENSG0000(	1.411244	0.343138	1.3153	0.43451	NA	RP6-206I1.	chr1	+	1.44E+08	1.44E+08	1685
ENSG0000(	0	3.769685	-3.4058	0.022243	0.043455	RP11-90P5	chr8	+	37980792	37982169	621
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	TEX35	chr1	+	1.78E+08	1.79E+08	2452
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	RP11-561B	chr14	-	35857327	35858275	949
ENSG0000(	148.0459	107.1376	0.46597	0.021255	0.041702	RP11-393B	chr3	+	1.83E+08	1.83E+08	1490
ENSG0000(	4.491516	0.343138	2.9982	0.027851	0.053163	RP11-274H	chr3	-	1.46E+08	1.46E+08	709
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-12K1	chr3	-	1.67E+08	1.67E+08	789
ENSG0000(	1.649304	2.041842	-0.25566	0.8337	0.88303	RP11-587D	chr11	+	27603227	27603602	376
ENSG0000(	14.08767	15.12009	-0.10895	0.84008	0.88775	AMY2B	chr1	+	1.04E+08	1.04E+08	4716
ENSG0000(	4.314256	7.265046	-0.67473	0.44232	0.54804	RP1-93H18	chr6	+	1.17E+08	1.17E+08	1596
ENSG0000(	0.290301	1.638012	-1.64	0.2979	0.3998	RPL23AP1(	chr14	-	96922913	96923378	466
ENSG0000(	23.86189	32.55547	-0.45103	0.30551	0.40705	LY6G5B	chr6	+	31637944	31641553	2654
ENSG0000(	3.994857	0.343138	2.7915	0.048121	0.086052	RP11-572N	chr3	+	1.13E+08	1.13E+08	764
ENSG0000(	0.685084	1.012429	-0.37562	0.82411	NA	RP11-225N	chr3	-	1.83E+08	1.83E+08	1877
ENSG0000(	15.01163	14.94204	-0.00566	0.99177	0.99563	PSMB9	chr6	+	32811913	32827362	2676
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RPL9P30	chr17	+	28182777	28183350	574
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RPS3AP22	chr5	+	87677774	87678542	769
ENSG0000(	3.568372	31.08175	-3.0121	7.34E-07	2.65E-06	RP11-657C	chr3	-	1.35E+08	1.35E+08	827
ENSG0000(	3.475055	9.545626	-1.3562	0.090182	0.14804	RP11-254B	chr12	-	68946775	68947662	888
ENSG0000(	1.016461	1.949596	-0.79031	0.56403	0.66208	AC093627.	chr7	-	182935	194180	574
ENSG0000(	3.121348	1.355566	1.0385	0.42245	0.52786	RP11-85G2	chr14	-	93689944	93690485	542
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-641C	chr3	+	60602555	60603812	1258
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	FABP5P11	chr22	-	17075979	17076375	397
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-58O9	chr17	-	38595719	38596169	451

ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-61I13	chr6	-	39865116	39867847	436
ENSG0000(	2.447429	4.943174	-0.88901	0.37684	0.48089	ETF1P2	chr7	+	1.51E+08	1.51E+08	1586
ENSG0000(	6.732588	2.307303	1.4359	0.12582	0.19642	RP11-103G	chr3	+	1.5E+08	1.5E+08	621
ENSG0000(	1.431782	1.531196	-0.11768	0.93742	0.95869	RP4-753P9	chrX	+	1.29E+08	1.29E+08	326
ENSG0000(	1.286224	0.357707	1.3361	0.4083	NA	RP11-745A	chr15	+	60682570	60682881	312
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RPS7P7	chr4	+	42473827	42474397	571
ENSG0000(	0.995923	0.951736	0.030362	0.98382	0.99083	MAGI1-AS1	chr3	+	65879491	65910972	591
ENSG0000(	2230.889	438.3845	2.3432	1.18E-86	5.55E-85	PCDHGC3	chr5	+	1.41E+08	1.41E+08	4711
ENSG0000(	2.282147	6.520493	-1.4101	0.11606	0.18355	SMKR1	chr7	+	1.29E+08	1.29E+08	1035
ENSG0000(	2.873915	3.480792	-0.24665	0.82883	0.87944	RP11-379F	chr3	+	1.58E+08	1.59E+08	1087
ENSG0000(	0	1.370136	-1.6825	0.34201	NA	RP11-204K	chr14	-	68805445	68806258	801
ENSG0000(	0	1.340997	-1.8899	0.26871	NA	RP11-758P	chr7	+	1E+08	1E+08	303
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CPHL1P	chr3	-	1.49E+08	1.49E+08	3407
ENSG0000(	0	4.144377	-3.4954	0.019736	0.038998	RP11-430C	chr1	+	2.05E+08	2.05E+08	2219
ENSG0000(	66.45285	156.273	-1.2249	6.57E-07	2.39E-06	ZNF542	chr19	+	56879468	56891197	3440
ENSG0000(	279.3143	252.8453	0.14458	0.38241	0.4866	COX19	chr7	-	938415	1015235	3666
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	RPS27P29	chr19	+	23780143	23780394	252
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-146D	chr9	+	42409989	42474239	1761
ENSG0000(	1.887365	1.577319	0.20584	0.88398	0.91907	GAPDHP33	chr1	-	1.2E+08	1.2E+08	1013
ENSG0000(	0	2.993578	-3.1081	0.040328	0.073907	AC140481.	chr2	+	1.31E+08	1.31E+08	604
ENSG0000(	1.048164	0.700845	0.41829	0.79512	NA	B4GALT4-A	chr3	+	1.19E+08	1.19E+08	544
ENSG0000(	0	4.288452	-3.6677	0.010057	0.021136	MAGI1-IT1	chr3	-	65858490	65940233	2567
ENSG0000(	0	1.606458	-1.9287	0.27074	NA	RP11-62G1	chr3	-	69584815	69585844	1030
ENSG0000(	0	6.806971	-4.2775	0.001941	0.004604	TCAM1P	chr17	+	61926652	61941739	3317
ENSG0000(	0.632843	6.863631	-2.9808	0.009254	0.01957	RP11-574H	chr6	+	1.23E+08	1.23E+08	586
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	MEAF6P1	chr2	+	2.1E+08	2.1E+08	327
ENSG0000(	5.955814	10.60418	-0.81306	0.30622	0.40779	GHRLOS	chr3	+	10327438	10334601	1176
ENSG0000(	11.75409	30.18426	-1.3485	0.003821	0.008659	RP11-499P	chr10	-	18802044	18834580	1028
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-298C	chr3	+	1.68E+08	1.68E+08	661
ENSG0000(	5.031856	10.75067	-1.0621	0.14813	0.2246	CTA-286B1	chr22	+	35796135	35806001	557
ENSG0000(	0.36308	1.340997	-1.3725	0.39447	NA	ACAD11	chr3	-	1.32E+08	1.32E+08	4142
ENSG0000(	0.72616	2.976593	-1.5607	0.3084	0.41015	RP11-1072	chr17	-	42797128	42797965	838
ENSG0000(	0.36308	0.891044	-0.73478	0.67953	NA	LA16c-306	chr16	+	3546201	3546768	568
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-841C	chr12	+	19661838	19662179	342
ENSG0000(	11.18384	3.414394	1.6286	0.051843	0.091822	RP11-331F	chr16	+	75259972	75262093	1252
ENSG0000(	2054.982	3453.114	-0.74762	3.16E-08	1.29E-07	RPS2P5	chr12	+	1.19E+08	1.19E+08	931
ENSG0000(	254.8675	234.5389	0.12216	0.53866	0.63936	PPIL3	chr2	-	2.02E+08	2.02E+08	1370
ENSG0000(	4.968451	0.343138	3.1008	0.02336	0.04541	AC017002.	chr2	+	1.12E+08	1.12E+08	757
ENSG0000(	180.9516	47.06133	1.9287	7.02E-14	4.28E-13	RPL23AP7	chr2	-	1.14E+08	1.14E+08	2078
ENSG0000(	0.870904	0.594029	0.31055	0.86063	NA	RPL36AP45	chr15	-	75478992	75479309	318
ENSG0000(	4.906837	3.801239	0.36371	0.69477	0.77231	AP000304.	chr21	-	34931848	34950669	528
ENSG0000(	20.44682	20.2542	0.014529	0.9729	0.98491	RPL13P5	chr12	+	6982553	6993905	1438
ENSG0000(	4.822893	3.322147	0.50758	0.59051	0.68554	SEC62-AS1	chr3	-	1.7E+08	1.7E+08	346
ENSG0000(	4.264621	4.259314	4.09E-05	0.99997	0.99997	RP11-36C2	chr5	+	33162285	33162913	629
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RPS29P20	chr11	+	4040178	4040348	171
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	RPL9P3	chr14	+	35731668	35732242	575
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-768G	chr3	-	1.17E+08	1.17E+08	803
ENSG0000(	2.032922	2.338857	-0.18248	0.88271	0.91838	RP11-231D	chr8	-	42199285	42200152	868
ENSG0000(	4.460627	4.443808	0.001712	0.99872	0.99954	RP1-228P1	chr12	-	48448596	48449374	779
ENSG0000(	10.3215	13.32746	-0.34551	0.55836	0.65731	AC012358.	chr2	+	55535628	55573185	1110
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	RP11-460N	chr3	+	70048728	70064469	2044
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTD-2176I	chr5	+	58118330	58119541	897
ENSG0000(	1.359003	0.343138	1.3802	0.3924	NA	CTD-2013N	chr19	+	16523495	16524387	893
ENSG0000(	4.221753	0.654722	2.2881	0.065908	0.11317	LINC00636	chr3	+	1.08E+08	1.08E+08	1264
ENSG0000(	0.342542	0	0.4146	0.81455	NA	LIMS1	chr2	+	1.11E+08	1.11E+08	2466
ENSG0000(	22.02416	19.10985	0.20199	0.65892	0.74291	LRRFIP1P1	chr3	-	1.79E+08	1.79E+08	2246
ENSG0000(	1.701545	3.526915	-0.96942	0.37896	0.48309	RPS12P27	chr16	+	68243345	68243681	337
ENSG0000(	0	1.234181	-1.5727	0.37581	NA	RP11-95I19	chr5	-	61871778	61872098	321
ENSG0000(	1.733248	0.343138	1.5317	0.35923	0.46337	RP11-864J	chr12	+	1.08E+08	1.08E+08	535
ENSG0000(	127.9929	113.0914	0.1791	0.48456	0.58862	FOXO3B	chr17	-	18574259	18576186	1928
ENSG0000(	2.375464	4.006007	-0.69782	0.497	0.6007	RP4-584D1	chr7	-	1.5E+08	1.5E+08	577
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-567P	chr3	+	1.2E+08	1.2E+08	288
ENSG0000(	0.290301	1.340997	-1.3722	0.39656	NA	RPL39P26	chr11	-	13707046	13707203	158
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-23D2	chr3	-	1.53E+08	1.54E+08	812
ENSG0000(	11.69248	5.522634	1.0261	0.12711	0.19806	RPS19P3	chr14	-	35037895	35038335	441

ENSG0000(	4.035933	0	3.5491	0.014365	0.029211	CTD-2021J	chr3	+	98699902	98701940	962
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-386M	chr15	+	93262623	93262970	348
ENSG0000(	8.225983	27.57424	-1.7019	0.001103	0.002719	SETP14	chr3	+	1.56E+08	1.56E+08	873
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	RP11-185E	chr3	+	1.71E+08	1.71E+08	229
ENSG0000(	14.57577	0	5.4981	4.55E-06	1.52E-05	CDKN2B-AS	chr9	+	21994777	22121096	3835
ENSG0000(	0.995923	1.730259	-0.62259	0.66594	0.749	RP5-1101C	chr7	+	1.22E+08	1.22E+08	743
ENSG0000(	0	2.355842	-2.3895	0.16517	0.24613	TNFRSF13B	chr17	-	16832849	16875432	1978
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTC-788C1	chr8	-	94969566	94969919	354
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-515C	chr5	+	1.4E+08	1.4E+08	316
ENSG0000(	7.084503	5.31545	0.40537	0.6008	0.69459	RPL7AP10	chr19	-	21332451	21333241	791
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-429G	chr10	+	97593265	97633515	587
ENSG0000(	18.30005	18.2989	0.011676	0.9821	0.99011	RP11-247I1	chr22	-	31832963	31835893	597
ENSG0000(	1.960143	2.185918	-0.14964	0.90787	0.93654	RPL21P123	chr17	-	28043297	28043703	407
ENSG0000(	0.923144	0	1.223	0.49292	NA	TM4SF1-AS	chr3	+	1.49E+08	1.49E+08	754
ENSG0000(	0.580602	0	0.8036	0.6494	NA	KRTAP9-1	chr17	+	39344697	39346891	753
ENSG0000(	1.939605	1.874334	0.026317	0.98361	0.99083	THOC7-AS1	chr3	+	63846321	63847495	673
ENSG0000(	1.431782	3.91376	-1.2865	0.2997	0.4013	RP1-184J9.	chr1	-	23346640	23414551	666
ENSG0000(	179.4752	9602.253	-5.7064	1.64E-94	8.81E-93	L1TD1	chr1	+	62660503	62678000	3849
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	RP11-3P17	chr3	+	1.61E+08	1.61E+08	2845
ENSG0000(	1.306762	2.012704	-0.48428	0.74122	0.80963	RP11-775D	chr7	+	1.3E+08	1.3E+08	575
ENSG0000(	0.870904	1.652581	-0.66289	0.65825	0.74249	RP11-20L2	chr7	-	1.27E+08	1.27E+08	637
ENSG0000(	2032.714	1.577319	9.9593	3.43E-66	1.16E-64	AQP1	chr7	+	30893010	30965131	2752
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	KCNAB1-AS	chr3	-	1.56E+08	1.56E+08	538
ENSG0000(	1.555988	5.914311	-1.6668	0.14971	0.22668	AD000092.	chr19	+	13004947	13005694	748
ENSG0000(	1.048164	1.012429	0.026348	0.98659	0.99208	RP11-206L	chr1	-	694412	700305	295
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	OR2AO1P	chr7	+	1.44E+08	1.44E+08	403
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-521J	chr3	-	1.24E+08	1.24E+08	712
ENSG0000(	1.774324	0.297015	1.601	0.33424	0.43769	RP11-1348	chr16	-	28825301	28825994	694
ENSG0000(	5.632183	0	4.0148	0.004419	0.00992	C1QTNF9	chr13	+	24881304	24896673	1854
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-174C	chr3	+	1.2E+08	1.2E+08	813
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	LSP1P2	chr3	+	75444339	75444471	133
ENSG0000(	1.317927	0.343138	1.2418	0.46439	NA	MME-AS1	chr3	-	1.55E+08	1.55E+08	457
ENSG0000(	4.035933	2.696564	0.53601	0.58185	0.67817	KRT8P36	chr3	-	1.38E+08	1.38E+08	1440
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP11-555K	chr4	-	1.54E+08	1.54E+08	459
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	IGKV1-8	chr2	-	89291928	89292450	398
ENSG0000(	0	3.305162	-3.2461	0.030518	0.057606	AC006539.	chr19	-	20190627	20191348	501
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	RP11-366M	chr4	-	1.66E+08	1.66E+08	480
ENSG0000(	219.3284	137.8746	0.66933	0.000285	0.000767	ISY1	chr3	-	1.29E+08	1.29E+08	3842
ENSG0000(	0	5.941033	-4.1676	0.002037	0.004815	RP11-286H	chr7	+	1.29E+08	1.29E+08	472
ENSG0000(	7.894606	134.6877	-4.0469	4.32E-27	4.91E-26	PNMA2	chr8	-	26362202	26371608	4965
ENSG0000(	1.286224	0.997859	0.31184	0.82197	0.87471	RP11-102M	chr3	-	1.36E+08	1.36E+08	730
ENSG0000(	0.995923	0.594029	0.48398	0.76518	NA	RPS2P39	chr11	-	1.09E+08	1.09E+08	668
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	RP13-137A	chr10	+	1.35E+08	1.35E+08	5254
ENSG0000(	1.681007	0	2.1857	0.19206	NA	LRRD1	chr7	-	91741473	91808845	3511
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RPS12P15	chr8	+	1.04E+08	1.04E+08	385
ENSG0000(	1.649304	4.244745	-1.22	0.27264	0.37218	CTD-2301A	chr5	+	1.77E+08	1.77E+08	476
ENSG0000(	28.92285	21.80238	0.39772	0.31906	0.42196	RP5-890O3	chr1	-	1252961	1254069	386
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	RP11-69M1	chr12	-	8147366	8147680	315
ENSG0000(	9.801695	8.484658	0.21033	0.75718	0.82341	RP11-465L	chr20	+	44650415	44656438	400
ENSG0000(	0	4.403389	-3.6011	0.015491	0.031285	KRBOX1	chr3	+	42850938	43097363	2566
ENSG0000(	1.628766	0	2.1781	0.19145	NA	RP11-553D	chr3	+	1.13E+08	1.13E+08	1053
ENSG0000(	0.632843	0.297015	0.49183	0.78024	NA	RP11-588D	chr3	+	78808124	78808524	401
ENSG0000(	13.31864	11.58505	0.20234	0.71653	0.79003	RP11-155G	chr7	+	1.28E+08	1.28E+08	662
ENSG0000(	1.774324	1.773966	-0.00061	0.99967	0.99987	AC098831.	chr2	-	2.04E+08	2.04E+08	336
ENSG0000(	200.2647	14.1691	3.81	2.15E-34	3.21E-33	PCDHGC5	chr5	+	1.41E+08	1.41E+08	4641
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	C21orf91-C	chr21	-	19135632	19164840	717
ENSG0000(	163.2349	39.01131	2.0452	2.66E-12	1.47E-11	ARHGEF25	chr12	+	58003963	58013162	2552
ENSG0000(	0.36308	3.123085	-2.441	0.098955	0.16002	RP11-170M	chr4	+	1.24E+08	1.24E+08	348
ENSG0000(	0.36308	0.715414	-0.51558	0.77246	NA	RP11-435F	chr3	-	1.14E+08	1.14E+08	495
ENSG0000(	1.08924	0	1.1858	0.50299	NA	AC073934.	chr7	-	1.27E+08	1.27E+08	495
ENSG0000(	3.22583	5.444956	-0.7004	0.45465	0.55998	UBA52P8	chr16	-	48368382	48368765	384
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	MTND2P14	chr3	+	1.07E+08	1.07E+08	351
ENSG0000(	7.894606	3.930745	0.95162	0.21402	0.30479	CTD-3236F	chr11	-	17159523	17159812	290
ENSG0000(	0.975385	2.558194	-1.1096	0.43796	0.54348	RP11-963H	chr17	-	10648870	10649860	476
ENSG0000(	0	1.874334	-2.1429	0.21634	NA	RPL21P4	chr17	+	41231319	41231797	479

ENSG0000(	366.2088	413.0293	-0.17402	0.23356	0.32724	TMEM189	chr20	-	48697663	48770335	2916
ENSG0000(	131.9232	144.8298	-0.13786	0.51484	0.61773	RDH14	chr2	-	18735989	18741946	1587
ENSG0000(	0.975385	20.2826	-4.0326	1.33E-05	4.20E-05	AC093627.	chr7	+	149597	155465	5008
ENSG0000(	0.685084	0.951736	-0.32904	0.84594	NA	RP11-572F	chr16	+	74586149	74586644	496
ENSG0000(	0.342542	0	0.4146	0.81455	NA	KRTAP4-7	chr17	+	39240459	39241396	938
ENSG0000(	0.975385	1.043983	-0.05238	0.97338	0.98515	RPS29P22	chr17	-	26443265	26443432	168
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	CTD-2515H	chr15	-	57848149	57848577	429
ENSG0000(	14.16045	5.069391	1.4047	0.090576	0.14855	RP11-392A	chr3	-	1.56E+08	1.57E+08	3306
ENSG0000(	1.681007	0.640152	1.0645	0.46815	0.5729	RP11-174C	chr3	+	1.2E+08	1.2E+08	1227
ENSG0000(	4.077009	1.248751	1.446	0.22372	0.31611	NDUFB2-AS	chr7	-	1.4E+08	1.4E+08	1648
ENSG0000(	0	3.556053	-3.3014	0.029657	0.056206	RP11-65E2	chr3	+	1.32E+08	1.32E+08	2247
ENSG0000(	7.758422	8.773551	-0.15462	0.82742	0.87848	PLCXD2	chr3	+	1.11E+08	1.12E+08	2063
ENSG0000(	1.359003	0.654722	0.79525	0.59532	0.68965	RP11-572C	chr3	-	1.12E+08	1.12E+08	2022
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	RP11-119D	chr3	-	1.1E+08	1.1E+08	801
ENSG0000(	5.644162	2.765378	0.8978	0.39216	0.4965	RP11-48B1	chr17	+	3568514	3568996	483
ENSG0000(	3.008307	7.391263	-1.2157	0.16887	0.25059	AP000356.	chr22	+	25047814	25048364	551
ENSG0000(	2.749709	2.604317	0.046253	0.96674	0.98099	RPL15P2	chr14	-	95267186	95267800	615
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	RP11-659E	chr8	+	63925627	63927240	550
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	RP11-400K	chr8	+	54445468	54446264	478
ENSG0000(	5.1766	1.698704	1.487	0.14367	0.21865	LSAMP-AS1	chr3	+	1.16E+08	1.16E+08	553
ENSG0000(	1.939605	1.591889	0.2345	0.84941	0.89424	RPS20P31	chr12	+	1.21E+08	1.21E+08	332
ENSG0000(	0.342542	0	0.4146	0.81455	NA	HIST2H2BB	chr1	-	1.49E+08	1.49E+08	381
ENSG0000(	1.411244	0.357707	1.3172	0.43349	NA	PLGLA	chr2	+	1.07E+08	1.07E+08	3025
ENSG0000(	3.568372	0.594029	2.0666	0.12194	0.19142	RP11-372E	chr3	-	1.43E+08	1.43E+08	633
ENSG0000(	0.632843	0	0.81931	0.64303	NA	RP11-91A1	chr3	-	89637036	89637720	685
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	ST13P14	chr3	-	50914143	50915088	734
ENSG0000(	15.40641	18.83224	-0.28481	0.57813	0.67468	RPL23AP64	chr11	-	1.19E+08	1.19E+08	435
ENSG0000(	3.838135	6.459801	-0.70043	0.40448	0.50932	MIF	chr22	+	24236191	24237414	939
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	CTD-2024I7	chr5	+	1.41E+08	1.41E+08	208
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-742D	chr18	+	44302938	44303186	249
ENSG0000(	292.12	3.088241	5.3594	7.11E-05	0.000206	HOXA11-AS	chr7	+	27224137	27228912	1723
ENSG0000(	1.027626	0.343138	0.83995	0.63621	NA	RPL23AP67	chr12	+	1.34E+08	1.34E+08	474
ENSG0000(	1.068702	4.081268	-1.6943	0.17131	0.25375	RP11-80H5	chr10	-	91454052	91457685	667
ENSG0000(	0	9.997996	-4.8771	0.000174	0.000481	RP11-119H	chr4	+	1.14E+08	1.14E+08	435
ENSG0000(	0	3.428963	-3.2154	0.036505	0.067636	RP11-22C1	chr8	+	95700456	95700838	383
ENSG0000(	0.342542	0.715414	-0.51272	0.77372	NA	SEPT7P6	chr7	+	1.52E+08	1.52E+08	1143
ENSG0000(	0	5.744387	-4.0522	0.00386	0.008742	RP11-713C	chr4	+	1.89E+08	1.89E+08	357
ENSG0000(	54.50503	21.6859	1.2997	0.008322	0.017736	RP11-244H	chr1	-	35439957	35450914	3163
ENSG0000(	105.8462	157.3484	-0.56823	0.036417	0.06751	TPM3P9	chr19	+	53935237	53947923	2920
ENSG0000(	1.794048	0.686276	0.99696	0.54046	0.64097	CTD-2036J	chr8	-	22247378	22248168	483
ENSG0000(	3.060548	3.755116	-0.27228	0.78374	0.84514	RPL29P24	chr12	-	1.21E+08	1.21E+08	453
ENSG0000(	0.580602	0.686276	-0.10523	0.9528	NA	RP11-689J	chr14	+	21867084	21867441	358
ENSG0000(	0.342542	1.652581	-1.6373	0.29704	0.39905	RP11-145M	chr1	-	59520069	59521721	171
ENSG0000(	14.25295	10.65272	0.41564	0.49386	0.5978	GVQW1	chr9	+	32566787	32568619	1833
ENSG0000(	4.088174	1.606458	1.1617	0.31556	0.41819	AC004985.	chr7	-	44001189	44012924	1170
ENSG0000(	58.92214	86.01182	-0.54307	0.028453	0.054154	NSUN6	chr10	-	18834490	18940551	2201
ENSG0000(	0.36308	0.997859	-1.0294	0.53423	NA	AC090602.	chr15	-	25154076	25154972	894
ENSG0000(	0.290301	0.951736	-0.90191	0.60254	NA	RPL17P40	chr16	-	16188049	16189066	413
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP4-714D9	chr1	-	1.01E+08	1.01E+08	384
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-488C	chr14	-	77352720	77353093	374
ENSG0000(	0	2.146242	-1.9426	0.27559	0.3757	RP11-344B	chr9	+	1.32E+08	1.32E+08	395
ENSG0000(	1.016461	0.937167	0.057624	0.97077	0.98381	RP11-657G	chr3	-	82855666	82857172	1507
ENSG0000(	1.016461	0	1.3167	0.46021	NA	PRICKLE2-A	chr3	+	64089146	64091732	496
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	CEACAMP1	chr19	-	43715943	43752798	1721
ENSG0000(	2.80195	0.686276	1.5061	0.33145	0.43463	RP11-129B	chr3	+	64053640	64088807	6505
ENSG0000(	2.67693	4.570898	-0.72571	0.44764	0.55306	RPL29P14	chr5	-	1.49E+08	1.49E+08	428
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	UGT1A9	chr2	+	2.35E+08	2.35E+08	2416
ENSG0000(	2.13659	3.022717	-0.39981	0.74283	0.81098	HMGN1P8	chr3	-	1.67E+08	1.67E+08	288
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-508M	chr10	+	38453576	38466958	428
ENSG0000(	107.8799	133.9122	-0.31251	0.22883	0.32198	YAE1D1	chr7	+	39605975	39649919	968
ENSG0000(	0.580602	0.891044	-0.34198	0.84667	NA	RPL22P19	chr12	-	1.25E+08	1.25E+08	441
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-6F2.6	chr3	+	1.57E+08	1.57E+08	791
ENSG0000(	8.330465	18.48997	-1.1249	0.056435	0.098922	ARHGAP31	chr3	-	1.19E+08	1.19E+08	624
ENSG0000(	2.386629	3.108515	-0.35855	0.76898	0.83316	RP11-3K24	chr17	-	58322649	58323008	360
ENSG0000(	6.887518	0.654722	2.9584	0.010482	0.021945	ADAMTS9-A	chr3	+	64547014	64573878	1727

ENSG0000(	2.302685	9.246195	-1.8834	0.026863	0.051478	RP11-398A	chr3	-	72084451	72291716	2506
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-10O2	chr3	+	1.63E+08	1.63E+08	1834
ENSG0000(	1.161205	0.297015	0.99731	0.57355	NA	RP4-752I6.	chr1	+	27783709	27786093	428
ENSG0000(	7.032262	4.259314	0.687	0.40947	0.51441	RP11-147I	chr11	+	74587331	74631067	723
ENSG0000(	0.653381	0	0.82678	0.64037	NA	RP11-615J	chr3	+	1.11E+08	1.11E+08	546
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CTB-2L9.1	chr5	-	1.34E+08	1.34E+08	355
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-54O7	chr1	+	849551	850351	443
ENSG0000(	2.302685	2.918317	-0.31375	0.77603	0.83917	AC093734.	chr7	-	1583450	1585885	2224
ENSG0000(	0	2.771825	-2.8976	0.066963	0.11472	RPL21P122	chr17	-	11901670	11924825	531
ENSG0000(	0	5649.391	-13.43	1.42E-37	2.32E-36	TDGF1	chr3	+	46616045	46668033	2513
ENSG0000(	0	1.430828	-1.4414	0.41759	NA	CTC-209L1	chr5	+	1.54E+08	1.54E+08	464
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-344N	chrX	-	48136139	48137013	284
ENSG0000(	2.770247	0.343138	2.2727	0.12751	0.19845	IQCJ-SCHIP	chr3	-	1.59E+08	1.59E+08	508
ENSG0000(	0.290301	0.686276	-0.47648	0.78935	NA	RP11-768G	chr3	-	1.17E+08	1.17E+08	489
ENSG0000(	5.330717	0.297015	3.2238	0.018829	0.037384	RP11-446H	chr3	-	1.07E+08	1.07E+08	1368
ENSG0000(	0.342542	3.071256	-2.3911	0.10827	0.17265	RP11-572N	chr3	-	1.13E+08	1.13E+08	1253
ENSG0000(	0.290301	1.684135	-1.65	0.29863	0.40041	RP5-916O1	chr11	-	36018776	36019225	450
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-275H	chr3	-	1.81E+08	1.81E+08	865
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	KRTAP5-8	chr11	+	71249071	71250253	1183
ENSG0000(	7.416693	1.326428	2.2095	0.044285	0.080016	AP001052.	chr21	+	45141573	45152146	342
ENSG0000(	1.265686	0	1.6147	0.36215	NA	AC006378.	chr7	-	93594722	93597702	314
ENSG0000(	0.36308	3.24447	-2.541	0.075556	0.12721	RP1-89D4.	chr11	+	33258554	33258955	402
ENSG0000(	0	5.817232	-3.9967	0.005563	0.012271	RP11-397K	chr3	-	1.09E+08	1.09E+08	188
ENSG0000(	522.0389	532.7521	-0.02819	0.8809	0.91693	CRCP	chr7	+	65579591	65619555	3139
ENSG0000(	0.36308	2.445673	-1.9767	0.21763	0.30908	RP11-393P	chr4	+	62077370	62077921	552
ENSG0000(	10.24872	18.01813	-0.78249	0.16882	0.25053	AC093620.	chr7	+	5459458	5460398	583
ENSG0000(	8.247335	4.867912	0.69528	0.39777	0.5023	RP11-379B	chr3	+	1.26E+08	1.26E+08	1086
ENSG0000(	23.87127	9.5659	1.2604	0.030199	0.057087	RP11-379B	chr3	-	1.26E+08	1.26E+08	1996
ENSG0000(	0.342542	0	0.4146	0.81455	NA	PPATP1	chr3	-	87100342	87101888	1547
ENSG0000(	0.975385	0.297015	0.91901	0.59525	NA	RP11-674E	chr3	+	1.55E+08	1.55E+08	601
ENSG0000(	6.048317	5.361573	0.16234	0.83618	0.88507	WWTR1-AS	chr3	+	1.49E+08	1.49E+08	1700
ENSG0000(	20.39817	12.08355	0.73945	0.21774	0.3092	RP11-81N1	chr3	+	67705121	67998137	2226
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	RP11-47K1	chr1	-	92000223	92001150	928
ENSG0000(	1.016461	0	1.3167	0.46021	NA	CDRT1	chr17	-	15468798	15522826	2571
ENSG0000(	2.209369	7.284447	-1.5668	0.092444	0.15127	RP11-451G	chr3	+	1.55E+08	1.55E+08	905
ENSG0000(	65.2799	141.0278	-1.1075	0.000137	0.000383	RPL36A	chrX	+	1.01E+08	1.01E+08	2240
ENSG0000(	0.685084	1.326428	-0.65605	0.69325	0.7714	PMS2P11	chr7	+	76640868	76645170	574
ENSG0000(	0	1.309443	-1.6539	0.35008	NA	RP11-392P	chr12	+	13003916	13004674	759
ENSG0000(	3.278071	0	3.2478	0.029532	0.055999	RP11-1042	chr14	-	61068794	61069310	517
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-758P	chr7	+	1E+08	1E+08	333
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-758I	chr3	-	1.46E+08	1.46E+08	705
ENSG0000(	0	11.80681	-5.1978	2.30E-05	7.07E-05	SYNPR-AS1	chr3	-	63409272	63535727	558
ENSG0000(	202.6247	314.7175	-0.63481	0.007918	0.016937	PDXP	chr22	+	38054734	38062941	2010
ENSG0000(	3.184754	1.309443	1.1065	0.37208	0.47653	RPL36AP43	chr15	-	90231168	90231474	307
ENSG0000(	7.979363	10.41968	-0.38963	0.60543	0.69866	RPP21	chr6	+	30312908	30314661	1492
ENSG0000(	0.870904	3.449237	-1.4838	0.32383	0.42684	RP11-239L	chr6	+	26867311	26867986	676
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	HNF1A-AS1	chr12	-	1.21E+08	1.21E+08	2455
ENSG0000(	66.52049	49.32492	0.42274	0.148	0.22444	CD302	chr2	-	1.61E+08	1.61E+08	3839
ENSG0000(	0.342542	0.594029	-0.38792	0.8278	NA	RP11-764I5	chr3	+	1.41E+08	1.41E+08	362
ENSG0000(	17.30412	12.93417	0.40321	0.44694	0.55245	EGFL8	chr6	+	32132360	32136058	2441
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC064852.	chr2	-	2.34E+08	2.34E+08	851
ENSG0000(	0.72616	23.20092	-4.6403	2.88E-06	9.83E-06	RP11-512H	chrX	-	1.31E+08	1.31E+08	511
ENSG0000(	1.048164	3.008147	-1.3204	0.29853	0.40037	EEF1A1P25	chr3	+	1.39E+08	1.39E+08	1267
ENSG0000(	0.923144	0.700845	0.32346	0.84154	NA	TDGF1P6	chr3	+	1.36E+08	1.36E+08	448
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-666A	chr3	+	1.26E+08	1.26E+08	262
ENSG0000(	0	1.058552	-1.361	0.4451	NA	RP4-555L1	chr7	+	1.51E+08	1.51E+08	564
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	RP11-461C	chr5	+	1.38E+08	1.38E+08	618
ENSG0000(	1.068702	1.577319	-0.47313	0.75195	0.81881	RPL39P38	chr19	-	18396156	18396306	151
ENSG0000(	176.7959	239.6093	-0.4366	0.009205	0.019474	ATP5J2	chr7	-	99046098	99063954	774
ENSG0000(	0.72616	0.343138	0.52026	0.77047	NA	RP11-336K	chr1	-	1.56E+08	1.56E+08	420
ENSG0000(	13.93274	15.30861	-0.12307	0.82437	0.87617	PTPRG-AS1	chr3	-	62247498	62355005	2661
ENSG0000(	0.290301	0	0.4146	0.81455	NA	HSPA8P9	chr3	+	1.38E+08	1.38E+08	1943
ENSG0000(	0.685084	0.343138	0.48017	0.78775	NA	RP11-641D	chr3	+	1.69E+08	1.69E+08	535
ENSG0000(	2.282147	0.997859	1.0237	0.41799	0.52326	AC159540.	chr2	+	98086678	98100408	859
ENSG0000(	2.904639	104.5198	-4.2042	0.002193	0.005154	ARHGAP8	chr22	+	45098355	45258665	2905

ENSG0000(	8.391265	0.997859	2.7912	0.006587	0.014323	AF011889.	chrX	-	1.49E+08	1.49E+08	1044	
ENSG0000(	1.370168	0.686276	0.60093	0.73056	0.80108	RP11-274B	chr7	-	1.28E+08	1.28E+08	132	
ENSG0000(	0.632843	0	0.81931	0.64303	NA	RP11-85G2	chr14	+	93710356	93710669	314	
ENSG0000(	40.41329	27.37517	0.56643	0.12989	0.20164	PSMC1P1	chr3	+	68684856	68686175	1320	
ENSG0000(	0.36308	1.073121	-0.87448	0.62195	NA	RPS15AP2	chr8	-	29974900	29975295	396	
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	AC098820.	chr2	-	2.17E+08	2.17E+08	976	
ENSG0000(	0.653381	0	0.82678	0.64037	NA	AC108004.	chr17	-	254326	263814	887	
ENSG0000(	0.923144	2.96444	-1.3748	0.29231	0.39416	CA15P1	chr22	-	19019077	19022077	905	
ENSG0000(	6.535603	4.602452	0.47797	0.55589	0.65494	RP1-130H1	chr22	-	30770930	30773862	1443	
ENSG0000(	2.645227	0.686276	1.5783	0.26249	0.3607	AGGF1P3	chr3	-	75702712	75703924	1213	
ENSG0000(	1.016461	1.698704	-0.60464	0.66554	0.74869	CBX5P1	chr3	-	88144558	88145118	561	
ENSG0000(	0.870904	1.416259	-0.44288	0.78749	0.84806	RP11-624D	chr3	+	72821690	72822622	933	
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-6F2.5	chr3	+	1.57E+08	1.57E+08	1497	
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	RP11-767L	chr3	+	1.2E+08	1.2E+08	348	
ENSG0000(	13.08237	5.508065	1.1914	0.079347	0.13259	RP11-4K3_	chr1	+	27651820	27652287	468	
ENSG0000(	31.09114	29.96983	0.052722	0.91703	0.944	GUSBP2	chr6	-	26839263	26924333	1457	
ENSG0000(	1558.095	1288.549	0.27346	0.17497	0.25813	ARPC4	chr3	+	9834179	9855035	2582	
ENSG0000(	7.147908	11.6393	-0.67991	0.30271	0.40397	RP11-490G	chr12	-	95861173	95861637	465	
ENSG0000(	1.887365	0	2.1461	0.21553	NA	ZBTB20-AS:	chr3	+	1.14E+08	1.14E+08	1687	
ENSG0000(	3.080272	3.351285	-0.07641	0.94128	0.96179	CORT	chr1	+	10509776	10511959	1130	
ENSG0000(	0.36308	2.696564	-2.2822	0.11928	0.18793	RP11-372E	chr3	+	1.43E+08	1.43E+08	912	
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-434C	chr14	+	35163376	35163850	475	
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-372E	chr3	+	1.43E+08	1.43E+08	172	
ENSG0000(	1.733248	0.357707	1.5335	0.35837	0.46266	RP11-520D	chr3	-	81295730	81346496	1014	
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	RP11-326J	chr3	+	1.15E+08	1.15E+08	562	
ENSG0000(	1.233984	0.343138	1.1864	0.48571	NA	CTD-2007H	chr5	+	98290098	98290676	579	
ENSG0000(	3.506758	3.945314	-0.1432	0.89205	0.92504	RP11-34P1	chr1	+	160446	161525	457	
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP13-585F	chr4	+	19815372	19815854	483	
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	GOLGA2P6	chr10	-	30653339	30663315	2049	
ENSG0000(	2.012384	0	2.4635	0.13092	0.20286	RP11-413E	chr3	+	75707685	75708165	481	
ENSG0000(	8.786048	6.367554	0.4306	0.55467	0.65398	UBQLN4P1	chr3	-	1.49E+08	1.49E+08	1801	
ENSG0000(	20.48871	18.87192	0.10899	0.82547	0.87698	RP11-381E	chr3	-	1.08E+08	1.08E+08	509	
ENSG0000(	0.685084	0.640152	0.044759	0.97934	NA	RPS23P6	chr16	+	12175094	12175759	431	
ENSG0000(	5.103821	28.81258	-2.3741	0.001021	0.002527	INMT	chr7	+	30737601	30797218	2559	
ENSG0000(	0	1.949596	-2.4359	0.13595	0.20899	RP11-214C	chr4	-	1.29E+08	1.29E+08	599	
ENSG0000(	0.923144	0	1.223	0.49292	NA	PPP1R2P6	chr7	+	1.4E+08	1.4E+08	588	
ENSG0000(	1.233984	0	1.5686	0.37707	NA	RP3-455J7.	chr1	+	1.68E+08	1.68E+08	2523	
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-732A	chr11	-	6707122	6707600	479	
ENSG0000(	26.35121	3.24447	2.8901	1.31E-05	4.15E-05	RP11-80H8	chr3	+	1.43E+08	1.43E+08	529	
ENSG0000(	1.681007	0.686276	0.97937	0.52405	0.62628	RPL31P49	chr12	+	1.11E+08	1.11E+08	375	
ENSG0000(	4.689314	1.773966	1.2718	0.26192	0.36008	ADAMTS9-/	chr3	+	64670585	64997143	3691	
ENSG0000(	2425.44	2010.488	0.27091	0.011785	0.024387	ARPC1A	chr7	+	98923521	98985787	1702	
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-420J	chr3	+	1.8E+08	1.8E+08	940	
ENSG0000(	31.40035	375.0944	-3.5409	1.04E-26	1.17E-25	TMEFF1	chr9	+	1.03E+08	1.03E+08	2611	
ENSG0000(	0.632843	0.297015	0.49183	0.78024	NA	RP4-735C1	chr1	+	1.1E+08	1.1E+08	808	
ENSG0000(	1.971308	425.4882	-7.5158	1.50E-36	2.39E-35	RP11-38P2	chr3	+	1.53E+08	1.53E+08	2050	
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	FABP5P3	chr7	+	1.52E+08	1.52E+08	1027	
ENSG0000(	1.338465	0.891044	0.39821	0.79657	0.85554	ZNF90P1	chr3	+	1.01E+08	1.01E+08	1951	
ENSG0000(	2.665765	11.83024	-2.0323	0.012964	0.026623	RPL7AP30	chr4	-	1.14E+08	1.14E+08	796	
ENSG0000(	0	4.083685	-3.5361	0.015969	0.032166	RP5-964N1	chrX	-	1.13E+08	1.13E+08	497	
ENSG0000(	127.0379	17.89836	2.8071	9.28E-20	7.74E-19	RPSAP52	chr12	-	66151800	66220777	1144	
ENSG0000(	13.35034	17.54549	-0.38044	0.45553	0.56083	AC002467.	chr7	-	1.07E+08	1.07E+08	657	
ENSG0000(	7.07513	1.043983	2.4961	0.023989	0.046473	AF011889.	chrX	-	1.49E+08	1.49E+08	1120	
ENSG0000(	0.870904	0.654722	0.29016	0.86514	NA	RP11-555N	chr3	+	1.57E+08	1.57E+08	320	
ENSG0000(	0	1.966581	-2.1968	0.20389	0.29293	AC092620.	chr2	+	1.39E+08	1.39E+08	534	
ENSG0000(	1.411244	3.259039	-1.0718	0.3887	0.49293	RP11-91P2	chr11	-	77579768	77580241	474	
ENSG0000(	0.975385	0	1.2767	0.47406	NA	RP11-342N	chr1	-	43302599	43312033	627	
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	COX6B1P2	chr17	+	46791092	46791321	230	
ENSG0000(	4.678963	1.66715	1.2113	0.37499	0.47923	RP11-1000	chr15	-	32948285	32965266	461	
ENSG0000(	0.36308	0.997859	-1.0294	0.53423	NA	RP11-637A	chr12	+	69078375	69080088	679	
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-277J:	chr12	+	8013033	8013360	328	
ENSG0000(	0.342542	1.591889	-1.589	0.31649	0.41913	RPL21P54	chr5	+	34883162	34883625	464	
ENSG0000(	0	3.025133	-3.0821	0.044886	0.080924	CECR3	chr22	-	17737749	17747623	1915	
ENSG0000(	86.00726	159.2102	-0.88681	0.000155	0.00043	ATP5O	chr21	-	35275757	35288284	2839	
ENSG0000(	319.8115	586.9949	-0.87304	2.18E-11	1.13E-10	PLEKHO2	chr15	+	65134088	65160206	3720	

ENSG0000(	0.705622	0.343138	0.57395	0.74355	NA	RP1-20N2.4	chr6	+	1.44E+08	1.44E+08	853
ENSG0000(	263.6767	170.486	0.62723	7.10E-05	0.000206	C8orf58	chr8	+	22457114	22461663	2021
ENSG0000(	2.044087	104.4482	-5.5335	2.26E-19	1.84E-18	KALP	chrY	+	15863536	16027704	1816
ENSG0000(	33.02056	80.19451	-1.2652	0.000168	0.000465	RP11-34P1	chr1	-	141474	173862	4860
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTB-14A14	chr5	+	1.8E+08	1.8E+08	592
ENSG0000(	716.5498	919.3622	-0.35863	0.004479	0.010046	PISD	chr22	-	32014477	32058418	2669
ENSG0000(	0.653381	0	0.82678	0.64037	NA	RP11-85I2.1	chr3	+	67346724	67356783	2084
ENSG0000(	2.334388	0.686276	1.4105	0.32753	0.43053	RP11-242C	chrX	+	30716324	30740049	562
ENSG0000(	3.64115	2.558194	0.43949	0.6895	0.76857	RP11-435F	chr3	+	1.14E+08	1.14E+08	734
ENSG0000(	0.995923	1.029414	-0.02734	0.98622	0.99179	RPL13P4	chr15	+	75680608	75681169	562
ENSG0000(	0.580602	0.357707	0.37639	0.83285	NA	CTB-46E9.1	chr5	-	1.49E+08	1.49E+08	355
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	TRBVB	chr7	+	1.42E+08	1.42E+08	408
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-292E	chr3	+	1.53E+08	1.53E+08	382
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	RP5-1073F	chr17	+	57989558	57989727	170
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-425I1	chr4	-	1.41E+08	1.41E+08	622
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP5-1154E	chr7	-	1.42E+08	1.42E+08	745
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-755B	chr3	+	57678932	57682323	2919
ENSG0000(	3.466496	0.951736	1.4615	0.30568	0.40721	HOGA1	chr10	+	99344080	99372559	2581
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RPL32P26	chr12	+	63052603	63053005	403
ENSG0000(	0.943682	0	1.2438	0.48556	NA	RPS20P20	chr8	+	72808226	72808565	340
ENSG0000(	823.6243	1489.286	-0.85303	2.60E-08	1.06E-07	PWP2	chr21	+	45527171	45551063	4564
ENSG0000(	0.290301	0.686276	-0.47648	0.78935	NA	HNRNPA1P	chr3	+	1.5E+08	1.5E+08	1046
ENSG0000(	2.789971	1.888903	0.49144	0.67748	0.75844	RP1-149A1	chr22	+	32779773	32781618	444
ENSG0000(	9.200555	0	4.7909	0.00021	0.000573	CTC-340A1	chr5	+	1.64E+08	1.65E+08	1618
ENSG0000(	6.120282	71.22439	-3.4642	4.37E-15	2.87E-14	C2orf15	chr2	+	99757948	99939204	2569
ENSG0000(	1836.044	938.0884	0.96865	8.54E-20	7.14E-19	PI4KA	chr22	-	21061979	21213705	6752
ENSG0000(	1.660469	1.759397	-0.05145	0.97183	0.98444	TCEB1P19	chr1	+	89294785	89295102	318
ENSG0000(	4.088174	2.589748	0.57743	0.56581	0.66366	AKAP2	chr9	+	1.13E+08	1.13E+08	6866
ENSG0000(	2.883288	1.248751	1.0027	0.43385	0.53928	AF224669.	chr4	+	1.04E+08	1.04E+08	463
ENSG0000(	2.914991	3.183777	-0.12515	0.90215	0.93242	RP11-407N	chr14	+	39625946	39627056	740
ENSG0000(	40.76521	3.619162	3.3935	8.08E-09	3.45E-08	WWTR1-IT1	chr3	-	1.49E+08	1.49E+08	451
ENSG0000(	1.846289	0.686276	1.043	0.51584	0.61868	RP6-109B7	chr22	+	46449585	46453090	877
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	RP11-95I19	chr5	-	61857686	61858043	358
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-287A	chr9	+	1.08E+08	1.08E+08	576
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-338L	chr3	+	1.82E+08	1.82E+08	328
ENSG0000(	121.7735	116.9796	0.05901	0.83651	0.88528	USP27X	chrX	+	49644470	49647166	2697
ENSG0000(	0.653381	0.297015	0.51304	0.77085	NA	ALG1L15P	chr3	-	1.56E+08	1.56E+08	794
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-268G	chrX	-	27177022	27194415	594
ENSG0000(	2.976604	2.338857	0.30557	0.79613	0.85538	RP11-239L	chr6	+	26866490	26867376	887
ENSG0000(	18.47731	13.28376	0.46817	0.34837	0.45262	HYPK	chr15	+	44088340	44095241	4777
ENSG0000(	0	1.188058	-1.268	0.47398	NA	RP11-1396	chr4	-	9555234	9555605	372
ENSG0000(	0	1.294874	-1.8547	0.27869	NA	RPS3AP49	chr18	+	57816808	57817597	790
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RPL9P28	chr17	-	46768478	46769056	579
ENSG0000(	94.09885	171.5794	-0.86443	1.85E-05	5.76E-05	RPL7AP6	chr14	-	70352057	70352869	813
ENSG0000(	0	13.11625	-5.3494	1.06E-05	3.39E-05	RP11-738B	chr7	-	1.29E+08	1.29E+08	305
ENSG0000(	0.36308	6.128816	-3.1724	0.029833	0.05647	RP1-90G24	chr22	+	32601102	32665653	876
ENSG0000(	1.306762	2.575179	-0.83727	0.51122	0.61438	RPL7AP31	chr4	+	57222301	57223098	798
ENSG0000(	9.221906	15.42597	-0.72747	0.1913	0.2782	RPS20P33	chr14	+	1.06E+08	1.06E+08	354
ENSG0000(	220.3851	108.9506	1.0093	2.60E-07	9.78E-07	AC069513.	chr3	+	1.95E+08	1.95E+08	4208
ENSG0000(	0.290301	0.594029	-0.38058	0.83094	NA	RPL36AP41	chr12	-	64265519	64265824	306
ENSG0000(	0.342542	0.997859	-1.0273	0.53559	NA	AC090602.	chr15	-	25156021	25156272	252
ENSG0000(	11.77463	3.526915	1.629	0.031628	0.059461	FOXP1-IT1	chr3	-	71619406	71623608	3539
ENSG0000(	0	1.294874	-1.8547	0.27869	NA	RPL9P32	chr19	-	30447276	30447895	620
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-340E	chr3	+	1.41E+08	1.41E+08	976
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CTD-2049J	chr3	+	1.6E+08	1.6E+08	471
ENSG0000(	39.29756	11.05742	1.7871	0.000218	0.000594	AMACR	chr5	-	33986283	34008220	4153
ENSG0000(	2.770247	8.798658	-1.6008	0.062123	0.1075	MTFP1	chr22	+	30821518	30825045	1375
ENSG0000(	501.9655	1305.312	-1.3755	2.86E-21	2.56E-20	SNHG3	chr1	+	28832492	28837404	2614
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RPL5P13	chr4	-	1.43E+08	1.43E+08	709
ENSG0000(	0.36308	1.964165	-1.7281	0.28889	0.39048	RP11-734K	chr2	+	9243569	9245243	547
ENSG0000(	0.290301	1.606458	-1.5134	0.36351	NA	SERBP1P3	chr3	-	53098299	53099107	809
ENSG0000(	24.96067	0	6.2575	5.41E-08	2.16E-07	RP13-463N	chr10	-	5636954	5638081	697
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	RP11-639F	chr3	-	1.55E+08	1.55E+08	947
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	OFD1P6Y	chrY	+	20835919	20901083	2724
ENSG0000(	1.681007	0.594029	1.0706	0.4871	0.59109	RP4-778K6	chr7	+	1.05E+08	1.05E+08	546

ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-299L	chr14	-	81799305	81799705	401
ENSG0000(	2.914991	43.8274	-3.7816	2.19E-10	1.06E-09	ARHGDIG	chr16	+	318726	333003	1272
ENSG0000(	0	1.355566	-1.9006	0.26573	NA	RP11-142L	chr3	-	81811857	81813907	376
ENSG0000(	31.73433	22.97916	0.45217	0.28612	0.38759	RP11-568K	chr1	-	1.78E+08	1.78E+08	2921
ENSG0000(	0.342542	3.991438	-2.8361	0.039478	0.07255	RP11-588L	chr4	+	40493750	40494041	292
ENSG0000(	4.979616	2.757256	0.80594	0.39804	0.50258	CTD-2235C	chr5	+	74670288	74670634	347
ENSG0000(	0.705622	2.96444	-1.7419	0.19802	0.28623	RP11-71H1	chr3	-	1.24E+08	1.24E+08	337
ENSG0000(	0.290301	0	0.4146	0.81455	NA	HOXB-AS4	chr17	+	46706037	46712294	566
ENSG0000(	17.78106	8.623028	1.0219	0.056258	0.098638	PVRL3-AS1	chr3	-	1.11E+08	1.11E+08	792
ENSG0000(	1090.492	253.6844	2.0897	1.27E-13	7.59E-13	ARFGAP3	chr22	-	43192508	43254112	2857
ENSG0000(	6.535603	6.221063	0.066744	0.93279	0.95588	BGLAP	chr1	+	1.56E+08	1.56E+08	931
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-511P	chr7	+	1.5E+08	1.5E+08	2043
ENSG0000(	130.49	144.1023	-0.14278	0.51933	0.62198	C22orf39	chr22	-	19338891	19435755	2979
ENSG0000(	80.02837	94.18731	-0.23922	0.32369	0.4267	RP11-62J1.	chr7	+	1.28E+08	1.28E+08	1030
ENSG0000(	0.342542	1.652581	-1.6373	0.29704	0.39905	RP11-100N	chr4	+	47708389	47709004	616
ENSG0000(	5050.254	3480.555	0.53619	0.000514	0.001332	PEG10	chr7	+	94285637	94299007	6618
ENSG0000(	0	3.198346	-3.1449	0.041263	0.075338	SKINTL	chr1	-	48561764	48648100	817
ENSG0000(	1.971308	0.654722	1.2659	0.37299	0.47732	RP11-368I2	chr3	+	1.69E+08	1.69E+08	710
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-382N	chr16	+	5320175	5320955	781
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP4-669B1	chr7	+	1.44E+08	1.44E+08	1510
ENSG0000(	17.39565	6.502635	1.3421	0.1173	0.18518	AC108488.	chr2	-	3579403	3584463	914
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RPL6P8	chr3	+	1.6E+08	1.6E+08	843
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	DMD-AS2	chrX	+	31279225	31341747	655
ENSG0000(	29.31763	28.05742	0.056483	0.88288	0.91846	RP11-464F	chr10	-	75434053	75490272	3810
ENSG0000(	8.154018	13.30886	-0.70371	0.2803	0.38117	CTB-161A2	chr7	+	99933748	99938951	683
ENSG0000(	49.49567	63.50047	-0.35606	0.21114	0.30143	RP11-234A	chr3	-	1.01E+08	1.01E+08	459
ENSG0000(	1.866827	2.321872	-0.24451	0.84938	0.89424	RPS26P52	chr16	-	14016189	14016536	348
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-572C	chr3	-	1.12E+08	1.12E+08	159
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-428G	chr12	+	32101268	32101761	494
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-810D	chr4	+	99330441	99330914	474
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	RP11-117F	chr3	+	1.39E+08	1.39E+08	390
ENSG0000(	1.576526	1.684135	-0.05406	0.96635	0.98076	RPS12P31	chr19	+	33126984	33127381	398
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-59H1	chr12	-	12993738	12994013	276
ENSG0000(	4.140415	0	3.4805	0.020722	0.040729	TFP1	chr3	+	1.33E+08	1.33E+08	1573
ENSG0000(	17.65767	22.59232	-0.36656	0.48186	0.58615	BMS1P4	chr10	-	75475601	75490227	1716
ENSG0000(	3.931452	1.029414	1.6484	0.20077	0.28951	NPPA-AS1	chr1	+	11901074	11908136	1032
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-403I1	chr1	+	1.49E+08	1.49E+08	2544
ENSG0000(	2.427705	2.82607	-0.23443	0.83768	0.88598	RP11-809C	chr10	+	709498	712562	550
ENSG0000(	0	1.698704	-2.2257	0.18075	NA	KCNAB1-AS	chr3	-	1.56E+08	1.56E+08	456
ENSG0000(	744.7461	847.3214	-0.18437	0.14869	0.22535	EIF6	chr20	-	33866714	33872788	1289
ENSG0000(	2.375464	6.229184	-1.2733	0.24068	0.33554	RP11-498P	chr9	-	99957633	99959969	474
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	TBC1D3H	chr17	-	34581086	34808061	3389
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP4-631H1	chr1	-	53346888	53347402	380
ENSG0000(	0.943682	0.343138	0.89828	0.6031	NA	RP11-67L3	chr1	+	55352548	55353674	575
ENSG0000(	0.290301	1.744828	-1.592	0.3373	0.44103	RP11-267J.	chr12	+	12308196	12308706	511
ENSG0000(	16.33893	3.916176	1.9689	0.003686	0.008374	CTD-2377D	chr17	+	46810453	46811250	532
ENSG0000(	0.36308	1.340997	-1.3725	0.39447	NA	CTD-2086L	chr19	-	56728537	56729146	610
ENSG0000(	3.092251	1.713273	0.74756	0.52796	0.62959	DBIL5P2	chr2	-	63344986	63346677	1692
ENSG0000(	119.414	113.0309	0.077014	0.73297	0.80273	PCDHGC4	chr5	+	1.41E+08	1.41E+08	4623
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-147N	chr3	+	58810163	59004819	2203
ENSG0000(	1.660469	1.935026	-0.19456	0.88369	0.91881	RP11-19G2	chr17	+	35519530	35520053	524
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-731J1	chr4	-	47492984	47493488	505
ENSG0000(	1.359003	1.188058	0.10618	0.94451	0.96429	UPK3BP1	chr7	+	76633979	76635091	509
ENSG0000(	0	2.07098	-2.4602	0.13507	0.20805	CTD-2349P	chr17	+	29157919	29158336	418
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	RP11-320N	chr12	-	4218827	4227298	555
ENSG0000(	2.697468	5.347004	-0.92773	0.30903	0.41081	RPL7AP11	chr3	+	1.21E+08	1.21E+08	799
ENSG0000(	1.016461	1.888903	-0.75333	0.59002	0.68516	RBBP4P2	chr3	-	93794756	93796019	1264
ENSG0000(	7.302839	30.04098	-1.9993	0.000212	0.000578	AC093627.	chr7	-	135853	149466	662
ENSG0000(	4.076195	2.497501	0.61672	0.58878	0.68423	CTD-2161E	chr5	-	86180048	86180698	651
ENSG0000(	743.6565	945.5566	-0.34503	0.050427	0.089591	MRPL20	chr1	-	1337288	1342693	1693
ENSG0000(	8.267059	7.729568	0.097227	0.89447	0.92676	RP11-270N	chr14	-	76304500	76305457	958
ENSG0000(	276.4062	86.45136	1.668	1.84E-14	1.17E-13	C15orf38	chr15	-	90443159	90456188	2670
ENSG0000(	0.342542	0.686276	-0.48412	0.78604	NA	RP3-477O4	chr20	-	34108569	34117481	2087
ENSG0000(	0.705622	0	0.8807	0.6196	NA	NDUFB4P1	chr3	+	67564364	67564744	381
ENSG0000(	22.7196	23.10941	-0.02496	0.95143	0.96962	RP11-413E	chr3	+	75721542	75728454	2126

ENSG0000(	0.685084	0.594029	0.089218	0.95997	NA	RP5-1187J.	chr20	+	31938669	31941866	545
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	OR7E100P	chr3	-	1.12E+08	1.12E+08	1015
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-159H	chr11	+	27505397	27505675	279
ENSG0000(	1.555988	1.340997	0.20257	0.88271	0.91838	RP11-299J.	chr3	-	1.22E+08	1.22E+08	131
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-290K	chr3	-	1.58E+08	1.58E+08	716
ENSG0000(	193.814	80.11616	1.2657	2.96E-09	1.31E-08	AC007620.	chr3	+	1.79E+08	1.79E+08	1697
ENSG0000(	10.31115	11.01446	-0.08247	0.90637	0.93551	AC010729.	chr2	+	5836352	5847791	763
ENSG0000(	14.10641	0	5.3871	1.50E-05	4.71E-05	SERPINB10	chr18	+	61564408	61603345	2122
ENSG0000(	1.370168	0.343138	1.1145	0.52721	NA	POU5F1P6	chr3	-	1.28E+08	1.28E+08	990
ENSG0000(	6.256467	7.45766	-0.24854	0.74495	0.81283	AP001432.	chr21	+	38593720	38610045	520
ENSG0000(	4.906837	1.326428	1.6772	0.13474	0.20775	RP11-316M	chr1	-	1.51E+08	1.51E+08	582
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	DCAF13P1	chr7	+	1.06E+08	1.06E+08	1330
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RPL21P11	chr14	-	90833041	90833523	483
ENSG0000(	0.653381	3.426547	-1.9672	0.13791	0.21135	HLA-DMB	chr6	-	32902406	32908847	4569
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	AC012501.	chr2	-	1.54E+08	1.54E+08	1281
ENSG0000(	4.305697	1.029414	1.7642	0.16676	0.24801	RP11-469J.	chr3	+	1.7E+08	1.7E+08	664
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	IGKV1D-43	chr2	+	90248739	90249395	532
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-379K	chr3	+	1.7E+08	1.7E+08	708
ENSG0000(	351.3986	174.4518	1.0036	2.05E-07	7.80E-07	RP11-274B	chr7	+	1.28E+08	1.28E+08	1894
ENSG0000(	15.97682	10.08783	0.65366	0.28507	0.38646	MBL1P	chr10	+	81664654	81710092	1424
ENSG0000(	2.821674	1.698704	0.65344	0.60114	0.69476	CTD-2339M	chr5	-	72174695	72175012	318
ENSG0000(	0	8.150384	-4.6075	0.000435	0.00114	RPS3AP34	chr8	-	12427859	12428639	781
ENSG0000(	0	2.07098	-2.4602	0.13507	0.20805	OR5BH1P	chrX	-	1.31E+08	1.31E+08	919
ENSG0000(	0	1.355566	-1.9006	0.26573	NA	AC093627.	chr7	+	77038	80418	605
ENSG0000(	181.1212	255.9006	-0.49924	0.002143	0.005048	DECR2	chr16	+	451826	462487	2062
ENSG0000(	5.394123	24.13238	-2.0755	0.000572	0.001472	CTC-359D2	chr19	-	12252621	12254137	1517
ENSG0000(	2.592987	3.541484	-0.41163	0.69112	0.76973	GNG10	chr9	+	1.14E+08	1.14E+08	1491
ENSG0000(	24.61715	48.32377	-0.96977	0.005121	0.011391	RP11-18H7	chr3	+	1.2E+08	1.2E+08	982
ENSG0000(	0.685084	0.654722	0.030656	0.98584	NA	AC009228.	chr2	+	24437250	24444385	432
ENSG0000(	54.40153	27.50306	0.96686	0.006597	0.014341	USP6NL-IT1	chr10	-	11605186	11615495	2491
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-342M	chr15	+	67524784	67525175	392
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-358L	chr10	-	46048560	46090046	559
ENSG0000(	2.261609	3.501809	-0.52769	0.65471	0.73962	RP11-271C	chr3	-	1.13E+08	1.13E+08	303
ENSG0000(	0	7.846922	-4.5787	0.000444	0.001163	RP11-113C	chr12	-	8511650	8512430	781
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-232M	chr3	+	1.47E+08	1.47E+08	1829
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CTB-46B19	chr5	-	1.38E+08	1.38E+08	518
ENSG0000(	0	2.041842	-2.4837	0.12741	0.19837	RP11-1191	chr4	-	646639	649434	1388
ENSG0000(	51.23389	46.96659	0.12239	0.70683	0.78206	AC004893.	chr7	+	98610788	98645863	3398
ENSG0000(	5.71694	10.19947	-0.7744	0.40734	0.51207	CNTF	chr11	+	58390146	58393198	1886
ENSG0000(	3.185568	0	2.8683	0.083586	0.13872	CTD-2015H	chr5	-	79794353	79794790	438
ENSG0000(	6.027779	76.58838	-3.628	2.30E-16	1.62E-15	CCDC169	chr13	-	36801182	36871977	1632
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	FAM86LP	chr7	-	6971315	6979234	853
ENSG0000(	651.1617	28.49522	4.4975	4.46E-85	2.04E-83	RGAG4	chrX	-	71346958	71351758	4359
ENSG0000(	2.604151	2.635871	-0.01171	0.9913	0.99536	RP11-562A	chr15	+	50758935	50759293	359
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	RP11-30K9	chr15	+	59161858	59162333	476
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP3-511B2	chr20	+	39825331	39825797	467
ENSG0000(	13.44285	9.861241	0.45089	0.49395	0.59782	RP11-280F	chr3	-	1.07E+08	1.07E+08	2718
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-180K	chr3	+	1.13E+08	1.13E+08	592
ENSG0000(	1.306762	0	1.6479	0.35189	NA	AC105749.	chr3	-	36810216	36825658	571
ENSG0000(	3.547834	30.68034	-2.9989	6.00E-07	2.19E-06	ZNF702P	chr19	-	53471504	53541151	2990
ENSG0000(	3.164216	3.083409	0.054888	0.96333	0.97842	RP11-651P	chr3	+	1.5E+08	1.5E+08	680
ENSG0000(	0.632843	2.667426	-1.6558	0.2315	0.32499	RP11-3K16	chr3	-	1.69E+08	1.69E+08	513
ENSG0000(	6.245302	5.052406	0.29671	0.72099	0.79355	GLYCTK-AS1	chr3	-	52322596	52333083	697
ENSG0000(	20.67632	13.50867	0.59808	0.39496	0.49949	RP11-506M	chr7	-	99712837	99724762	572
ENSG0000(	812.8469	468.2041	0.79133	0.005428	0.012005	AP5Z1	chr7	+	4815253	4833943	5660
ENSG0000(	6.722236	52.09984	-2.9018	3.85E-08	1.55E-07	SOX2-OT	chr3	+	1.81E+08	1.82E+08	3576
ENSG0000(	1.317927	1.935026	-0.46683	0.72846	0.79929	RPS26P21	chr3	+	1.19E+08	1.19E+08	348
ENSG0000(	0	3.137654	-3.0959	0.046868	0.084094	KRT8P35	chr3	-	63082050	63083387	1338
ENSG0000(	1.95077	8.491106	-1.925	0.052744	0.09316	ZNF709	chr19	-	12571998	12624668	4910
ENSG0000(	8.818564	18.58947	-1.0618	0.066537	0.11406	RP11-285F	chr1	-	2.26E+08	2.26E+08	348
ENSG0000(	0.290301	4.006007	-2.8604	0.039079	0.071887	STRC	chr15	-	43891596	44010458	5680
ENSG0000(	1.669842	0.98329	0.58109	0.69776	0.77479	CTB-104F4.	chr7	-	91321323	91510004	380
ENSG0000(	0.290301	1.029414	-0.85389	0.63097	NA	AC068137.	chr2	+	1.31E+08	1.31E+08	533
ENSG0000(	0.632843	0.343138	0.49756	0.77728	NA	RP11-190P	chr3	+	1.15E+08	1.15E+08	533
ENSG0000(	0	1.416259	-1.7181	0.33141	NA	RP11-489G	chr4	-	1.74E+08	1.74E+08	893

ENSG0000(	0.290301	1.591889	-1.5998	0.31468	NA	RP11-436N	chr14	-	1E+08	1E+08	814
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-250B	chr3	-	1.32E+08	1.32E+08	738
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-454C	chr3	-	1.51E+08	1.52E+08	628
ENSG0000(	0.653381	0	0.82678	0.64037	NA	PLCH1-AS2	chr3	+	1.55E+08	1.55E+08	408
ENSG0000(	0.943682	5.62945	-2.2502	0.043904	0.079448	RP11-666A	chr17	-	74426499	74427206	708
ENSG0000(	0.632843	1.606458	-0.99581	0.5182	0.6209	CTD-2325P	chr14	+	69159807	69160300	494
ENSG0000(	0.342542	0	0.4146	0.81455	NA	EPS15P1	chr7	+	46820971	46823041	2071
ENSG0000(	15.34398	18.44385	-0.25647	0.64829	0.73428	ERVW-1	chr7	-	92097694	92107300	3352
ENSG0000(	0	1.234181	-1.5727	0.37581	NA	RP11-507E	chr14	-	76062148	76062549	402
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-803B	chr3	-	75444555	75444687	133
ENSG0000(	0.653381	0.297015	0.51304	0.77085	NA	RP11-662B	chr8	+	28667620	28667935	316
ENSG0000(	2.86275	1.043983	1.2674	0.324	0.42695	FTH1P23	chr3	+	72978195	72978744	550
ENSG0000(	0.685084	0	0.85004	0.63064	NA	AC068522.	chr8	-	59500979	59501323	345
ENSG0000(	1.161205	0	1.2509	0.47995	NA	RP11-446F	chr6	-	46638181	46655902	374
ENSG0000(	0.943682	0.343138	0.89828	0.6031	NA	FTH1P4	chr3	-	1.28E+08	1.28E+08	553
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	RP11-697H	chr11	+	95696383	95696788	406
ENSG0000(	0.36308	0.654722	-0.52647	0.7643	NA	RP11-504P	chr1	+	2.24E+08	2.24E+08	343
ENSG0000(	0.632843	288.0089	-8.1881	2.26E-23	2.21E-22	AC005062.	chr7	-	19958604	20180076	804
ENSG0000(	0.705622	0.297015	0.56864	0.74638	NA	RP5-1070G	chr7	+	1.51E+08	1.51E+08	216
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-221E	chr3	-	1.29E+08	1.29E+08	727
ENSG0000(	0.36308	0.715414	-0.51558	0.77246	NA	UBA52P3	chr14	+	58607997	58608378	382
ENSG0000(	2.540746	3.959884	-0.55777	0.61399	0.70597	RPS11P6	chr12	+	64616117	64790845	1366
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	MTAPP1	chr3	-	1.58E+08	1.58E+08	819
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-58E2	chr14	+	50519575	50520287	713
ENSG0000(	0.975385	2.041842	-0.85656	0.53188	0.63316	RPL31P58	chr17	+	27129462	27129840	379
ENSG0000(	1.576526	0.997859	0.56486	0.67707	0.75822	GK-AS1	chrX	-	30718115	30742291	651
ENSG0000(	8.786048	4.305438	0.98183	0.2073	0.29705	EIF4EBP3	chr5	+	1.4E+08	1.4E+08	691
ENSG0000(	0	6.972863	-4.3352	0.001498	0.003618	ABCC13	chr21	+	15608527	15735075	4080
ENSG0000(	0.36308	2.855208	-2.1905	0.1647	0.2456	ARHGEF26-	chr3	-	1.54E+08	1.54E+08	2598
ENSG0000(	0.36308	0.640152	-0.51156	0.77091	NA	RP11-613N	chr12	+	77054185	77054664	480
ENSG0000(	1.265686	1.995719	-0.53067	0.68383	0.76386	RP11-204J	chr3	-	62246540	62248415	352
ENSG0000(	0	3.451653	-3.0207	0.065133	0.11204	RP11-231E	chr3	-	1.12E+08	1.12E+08	1563
ENSG0000(	2.479946	0	2.5072	0.13961	0.21341	LINC00870	chr3	+	72200408	72223483	2693
ENSG0000(	1.555988	0	1.8901	0.28116	NA	RP11-779P	chr3	-	99226031	99245957	465
ENSG0000(	2.883288	1.995719	0.48629	0.66259	0.74612	RP11-1084	chr15	-	34378112	34378515	404
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RPS3P7	chr16	+	78859178	78859903	726
ENSG0000(	9.813674	7.420401	0.40131	0.54579	0.64597	AC000120.	chr7	-	91829328	91836171	1589
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-377D	chr12	-	13174194	13174540	347
ENSG0000(	0	1.234181	-1.5727	0.37581	NA	PSG11	chr19	-	43511808	43530664	1942
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	PSG4	chr19	-	43696854	43711451	2294
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-757G	chr12	+	12491710	12492188	479
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-115N	chr7	+	90940683	91144724	681
ENSG0000(	290.2158	262.128	0.1478	0.3747	0.47893	MRPL33	chr2	+	27994584	28210954	729
ENSG0000(	3.516945	1.828211	0.75593	0.55517	0.6544	RP11-342N	chr1	-	43300352	43312093	514
ENSG0000(	5.394936	4.020576	0.394	0.65281	0.73803	RP11-46A1	chr1	-	1.81E+08	1.81E+08	2424
ENSG0000(	849.1808	492.0933	0.78503	2.31E-10	1.12E-09	MICAL3	chr22	-	18270415	18507325	9445
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RPS10P28	chr19	+	43174157	43174968	498
ENSG0000(	2.967231	2.681995	0.13817	0.89434	0.92676	RP11-58H1	chr4	+	1.44E+08	1.44E+08	1261
ENSG0000(	9.825652	7.481093	0.37829	0.60051	0.69444	RP11-550I2	chr3	+	1.57E+08	1.57E+08	567
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-734J3	chr8	+	34731677	34732151	475
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CCDC39-AS	chr3	+	1.8E+08	1.8E+08	283
ENSG0000(	0.653381	0.297015	0.51304	0.77085	NA	CTA-360L1(	chr7	-	1.07E+08	1.07E+08	541
ENSG0000(	40.60335	69.23586	-0.76223	0.010932	0.022785	RP11-408P	chr4	+	66439177	66440046	870
ENSG0000(	0.580602	0	0.8036	0.6494	NA	AC006159.	chr7	-	1.16E+08	1.16E+08	692
ENSG0000(	8.766323	10.46339	-0.26014	0.69891	0.77579	RP5-1157M	chr3	+	52273274	52275113	1101
ENSG0000(	3.341476	1.043983	1.4225	0.28017	0.38102	RP11-7F17	chr14	+	77435026	77435488	463
ENSG0000(	3.205292	5.347004	-0.67026	0.44704	0.55249	RP11-286H	chr7	-	1.29E+08	1.29E+08	535
ENSG0000(	266.5581	194.4744	0.45294	0.008875	0.018848	PCDHAC2	chr5	+	1.4E+08	1.4E+08	5970
ENSG0000(	4.802355	0	3.8177	0.006955	0.015066	AC073130.	chr7	-	1.16E+08	1.16E+08	842
ENSG0000(	124.4699	189.8148	-0.60428	0.096979	0.15742	STON1	chr2	+	48756522	48826025	5802
ENSG0000(	0.632843	0.654722	-0.02224	0.98935	NA	RPS6P16	chr11	-	1.12E+08	1.12E+08	655
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-567P	chr3	+	1.2E+08	1.2E+08	189
ENSG0000(	1.068702	0.297015	0.9938	0.56435	NA	RP11-1149	chr8	+	23064431	23064882	452
ENSG0000(	0.870904	0	1.046	0.5544	NA	RP11-384F	chr3	-	1.18E+08	1.18E+08	787
ENSG0000(	230.1235	50.32278	2.1822	3.05E-24	3.09E-23	PRAF2	chrX	-	48928813	48931730	1336

ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-477C	chr4	+	1.13E+08	1.13E+08	313
ENSG0000(	3.278071	0.357707	2.5639	0.070715	0.12022	VSIG8	chr1	-	1.6E+08	1.6E+08	1818
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-779P	chr3	+	99219191	99224352	458
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RPL31P61	chr19	+	37392644	37393019	376
ENSG0000(	261.4037	142.5484	0.86825	2.76E-06	9.44E-06	RP11-274B	chr7	+	1.28E+08	1.28E+08	1150
ENSG0000(	1.016461	0.357707	0.95974	0.57727	NA	RP11-268I	chr18	-	19434601	19434948	348
ENSG0000(	1.939605	2.307303	-0.21295	0.8547	0.89785	CTC-428G2	chr5	-	1.15E+08	1.15E+08	796
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-239L	chr6	+	26865674	26866556	883
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-397E	chr4	+	87791344	87792557	861
ENSG0000(	0.995923	0.357707	1.0227	0.53712	NA	RP11-538P	chr3	+	1.58E+08	1.58E+08	374
ENSG0000(	588.7863	637.8134	-0.11509	0.43681	0.54231	C7orf73	chr7	+	1.35E+08	1.35E+08	2004
ENSG0000(	2.697468	0.343138	2.2792	0.12048	0.18946	FGF14-IT1	chr13	-	1.03E+08	1.03E+08	868
ENSG0000(	1.89853	0	2.1633	0.21098	NA	RP11-167H	chr3	-	1.5E+08	1.5E+08	1967
ENSG0000(	1.027626	5.505649	-2.0871	0.09558	0.15557	PTPRVP	chr1	+	2.02E+08	2.02E+08	5067
ENSG0000(	433.1749	128.0652	1.7528	1.11E-28	1.34E-27	KCTD7	chr7	+	66093868	66276446	4873
ENSG0000(	0.290301	0.715414	-0.50514	0.77701	NA	RP11-667M	chr11	-	1.14E+08	1.14E+08	171
ENSG0000(	4.430716	0.297015	2.9577	0.034269	0.063935	RP11-57G2	chr18	+	30359002	30359249	248
ENSG0000(	182.7887	210.7858	-0.20438	0.33265	0.43595	EFNA4	chr1	+	1.55E+08	1.55E+08	1263
ENSG0000(	1.991846	1.012429	0.81391	0.54677	0.64697	MCCC1-AS1	chr3	+	1.83E+08	1.83E+08	765
ENSG0000(	1.08924	0.297015	0.89622	0.61378	NA	RP11-475C	chr3	+	58558471	58560046	350
ENSG0000(	1.649304	0	2.1906	0.18857	NA	CTD-2110K	chr5	+	82497048	82497960	584
ENSG0000(	0.632843	1.294874	-0.78057	0.60302	0.69637	AC012442.	chr2	+	1.13E+08	1.13E+08	425
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-454H	chr3	-	1.01E+08	1.01E+08	402
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-473C	chr8	+	1.31E+08	1.31E+08	575
ENSG0000(	1.887365	2.08555	-0.09214	0.94865	0.96766	RP11-330L	chr15	+	64885178	64885525	348
ENSG0000(	4.399013	3.512346	0.27263	0.77547	0.8387	RPL35AP32	chr15	-	66738793	66739115	323
ENSG0000(	0.290301	0	0.4146	0.81455	NA	MRPS31P5	chr13	-	52749774	52768513	920
ENSG0000(	0.632843	0	0.81931	0.64303	NA	TICAM2	chr5	-	1.15E+08	1.15E+08	3509
ENSG0000(	2.789971	0	2.9376	0.061859	0.10714	RP11-274H	chr3	+	1.46E+08	1.46E+08	555
ENSG0000(	2.935529	0.343138	2.4054	0.096673	0.15699	AC009518.	chr7	+	1.32E+08	1.32E+08	559
ENSG0000(	1.233984	0.297015	1.1901	0.48541	NA	RP11-555K	chr4	-	1.53E+08	1.53E+08	777
ENSG0000(	8.547987	3.305162	1.3002	0.099641	0.16098	RP11-413E	chr3	-	75673837	75674304	468
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	GS1-388B5	chr3	+	1.25E+08	1.25E+08	907
ENSG0000(	8.444319	3.916176	1.0317	0.20162	0.2903	RPL5P30	chr11	+	1.18E+08	1.18E+08	891
ENSG0000(	4.793796	2.514486	0.80114	0.46485	0.5697	RP11-148K	chr7	-	1.51E+08	1.51E+08	511
ENSG0000(	0	3.901607	-3.4357	0.022057	0.043128	AF165138.	chr21	-	15964251	16031142	1151
ENSG0000(	100.1414	9.455795	3.3506	7.02E-18	5.35E-17	PALM2	chr9	+	1.12E+08	1.13E+08	9292
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-715J	chr16	-	2382314	2382733	420
ENSG0000(	465.7143	313.0159	0.57161	9.57E-05	0.000273	C4orf48	chr4	+	2043689	2045697	477
ENSG0000(	1186.247	143.608	3.0293	5.79E-34	8.55E-33	NBPF15	chr1	+	1.49E+08	1.49E+08	4707
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	INGX	chrX	-	70711529	70712778	846
ENSG0000(	2.407167	2.711133	-0.1621	0.8836	0.91879	RP4-545L1	chr20	+	1146924	1160596	326
ENSG0000(	130.8343	153.6926	-0.23064	0.46981	0.57455	NAT6	chr3	-	50333833	50336852	1820
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP5-1121A	chr7	+	1.57E+08	1.57E+08	1041
ENSG0000(	0.342542	0.686276	-0.48412	0.78604	NA	RP11-572M	chr3	-	1.13E+08	1.13E+08	425
ENSG0000(	0	2.010288	-2.4674	0.13027	0.202	KRTAP10-1	chr21	+	46066331	46067564	1234
ENSG0000(	0.975385	2.232041	-0.99026	0.46328	0.56844	UBA52P5	chr8	+	1.24E+08	1.24E+08	211
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	KB-1589B1	chr8	+	98877282	98877713	432
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-775J	chr3	-	1.25E+08	1.25E+08	713
ENSG0000(	0.995923	0.357707	1.0227	0.53712	NA	RPL32P33	chr17	+	70623370	70623763	394
ENSG0000(	0.632843	3.434668	-1.9887	0.14186	0.21633	RP11-627K	chr12	-	31404926	31405531	606
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-639F	chr3	-	1.55E+08	1.55E+08	840
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	IGLVIVOR2	chr22	+	32772669	32773122	330
ENSG0000(	0.653381	1.058552	-0.47534	0.76821	NA	RP11-293G	chr1	+	2.36E+08	2.36E+08	337
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	CTB-55B8.1	chr5	-	16902403	16902750	348
ENSG0000(	0.653381	0.343138	0.51863	0.76794	NA	WFDC6	chr20	-	44162835	44168134	792
ENSG0000(	0.995923	3.037286	-1.3281	0.32294	0.42583	HNRNPKP4	chr3	+	96068398	96069783	1386
ENSG0000(	58.98392	45.10528	0.38276	0.2189	0.31055	AC004967.	chr7	-	97598317	97601566	447
ENSG0000(	0.653381	0	0.82678	0.64037	NA	AC009950.	chr2	+	2.31E+08	2.31E+08	580
ENSG0000(	3.661688	33.35347	-3.1077	1.44E-07	5.56E-07	UPK3B	chr7	+	76139745	76648340	1608
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-889D	chr3	+	55212200	55223242	474
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-14I2.	chr3	+	1.83E+08	1.83E+08	2426
ENSG0000(	16.97437	24.56535	-0.53844	0.27649	0.37672	C6orf183	chr6	+	1.09E+08	1.1E+08	2469
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RPL35AP26	chr11	-	1.26E+08	1.26E+08	321
ENSG0000(	1.08924	1.309443	-0.21092	0.89691	0.92854	RPS2P44	chr16	-	48611435	48612280	846

ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-216N	chr1	-	1.54E+08	1.54E+08	235
ENSG0000(	1.411244	0	1.7307	0.32696	NA	RP11-649A	chr3	-	1.47E+08	1.47E+08	570
ENSG0000(	0	1.340997	-1.8899	0.26871	NA	AC003989.	chr7	+	1.11E+08	1.11E+08	169
ENSG0000(	1.048164	8.112382	-2.7094	0.010045	0.021118	RP11-181I1	chr10	+	1.04E+08	1.04E+08	723
ENSG0000(	1.774324	0	2.0349	0.24308	NA	RP11-6F2.4	chr3	-	1.57E+08	1.57E+08	2018
ENSG0000(	140.3071	40.98843	1.7518	1.44E-09	6.54E-09	IL10RB	chr21	+	34638663	34669539	1991
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-215P	chr5	+	1.34E+08	1.34E+08	498
ENSG0000(	0.995923	0.297015	1.0163	0.54122	NA	CFB	chr6	+	31895475	31919861	3874
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	MTND5P16	chr3	+	1.07E+08	1.07E+08	1703
ENSG0000(	1.608228	0.594029	0.97576	0.54887	0.64874	RP11-4K3_	chr1	+	27637731	27638329	282
ENSG0000(	25.75782	11.44668	1.1403	0.019716	0.038961	ZNF487	chr10	+	43932282	43991517	2745
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	WBP1LP1	chr7	-	1.42E+08	1.42E+08	896
ENSG0000(	0	2.309719	-2.4138	0.15791	0.23724	RP11-21K2	chr12	-	1866397	1867177	781
ENSG0000(	105.377	107.6337	-0.02869	0.89122	0.92452	WDR92	chr2	-	68350068	68384692	2626
ENSG0000(	0	1.309443	-1.6539	0.35008	NA	RPS3AP40	chr11	-	67693122	67693902	781
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-379F	chr3	+	1.58E+08	1.58E+08	323
ENSG0000(	14.38995	24.84121	-0.7702	0.17046	0.25267	NME1-NME	chr17	+	49242796	49249108	866
ENSG0000(	287.2398	196.9089	0.54083	0.01089	0.022705	RP11-274B	chr7	+	1.28E+08	1.28E+08	754
ENSG0000(	1.846289	5.118803	-1.2925	0.23251	0.326	MUSTN1	chr3	-	52847298	52869745	5640
ENSG0000(	1.390706	0	1.6954	0.33813	NA	RP11-463C	chr16	+	86559063	86559858	796
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-574K	chr10	-	75570442	75571556	545
ENSG0000(	165.5965	9.127226	4.1261	1.71E-32	2.40E-31	RP11-446H	chr3	+	1.07E+08	1.07E+08	2737
ENSG0000(	7.59314	7.036845	0.08983	0.90606	0.93531	PLA2G4B	chr15	+	42129973	42140345	3035
ENSG0000(	1.027626	203.7446	-6.4815	1.29E-07	4.98E-07	LEFTY1	chr1	-	2.26E+08	2.26E+08	1626
ENSG0000(	3.373179	6.861215	-0.92077	0.4069	0.51171	WDR65	chr1	+	43637820	43720029	4244
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	RPL21P116	chr15	-	79155589	79156071	483
ENSG0000(	0	2.993578	-3.1081	0.040328	0.073907	CACNA2D3	chr3	-	54908632	54935282	2078
ENSG0000(	147.7925	186.2995	-0.3342	0.11034	0.17551	61E3.4	chr16	+	22490442	22547842	5708
ENSG0000(	0.653381	1.638012	-1.0449	0.47153	0.57623	RP11-472I2	chr11	+	43740226	43740696	471
ENSG0000(	3.879211	4.273883	-0.12462	0.89012	0.92361	TTC4	chr1	+	55181495	55208330	2395
ENSG0000(	322.4366	2.307303	6.9467	5.24E-38	8.71E-37	RPLP0P2	chr11	+	61382508	61406921	3525
ENSG0000(	1.628766	0.357707	1.626	0.30064	0.40208	EEF1A1P10	chr7	-	1.44E+08	1.44E+08	1390
ENSG0000(	0.342542	0	0.4146	0.81455	NA	ZMYM6NB	chr1	-	35447136	35450954	922
ENSG0000(	30.9446	26.10057	0.23799	0.56131	0.65981	HLA-L	chr6	+	30227361	30260791	4587
ENSG0000(	2.055252	11.02587	-2.1527	0.059976	0.10442	RP11-125K	chr9	+	4860454	4885917	1878
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-535A	chr5	-	1.17E+08	1.17E+08	339
ENSG0000(	1.794862	1.828211	-0.06076	0.96706	0.98124	ST13P15	chr3	-	1.43E+08	1.43E+08	1107
ENSG0000(	38.45738	0.343138	6.0168	1.54E-08	6.46E-08	HOTTIP	chr7	+	27238194	27246878	4511
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	LL0XNC01-	chrX	+	1.53E+08	1.53E+08	591
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	OSTCP1	chr6	-	1.59E+08	1.59E+08	1195
ENSG0000(	0.290301	9.874195	-4.1336	0.000794	0.002001	AC007390.	chr2	+	37440610	37443336	367
ENSG0000(	11.67113	5.865772	0.95172	0.16647	0.24767	JMJD7	chr15	+	42120283	42129779	1416
ENSG0000(	2.334388	0.715414	1.3854	0.33604	0.43971	RP11-572N	chr3	-	1.13E+08	1.13E+08	2502
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	PEX5L-AS1	chr3	+	1.8E+08	1.8E+08	827
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-390K	chr11	-	47212732	47213093	362
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTC-484P3	chr5	-	94161666	94162399	734
ENSG0000(	0	1.234181	-1.5727	0.37581	NA	RP5-1096J	chr20	-	20239051	20248453	568
ENSG0000(	18.05082	144.2433	-2.9593	1.72E-13	1.03E-12	APOBEC3D	chr22	+	39410368	39429256	2503
ENSG0000(	0.995923	1.782087	-0.65869	0.66818	0.75085	RP11-434C	chr14	-	35209542	35210039	498
ENSG0000(	0.36308	4.654281	-2.9516	0.038532	0.071016	CTB-33G10	chr19	-	50222755	50223338	584
ENSG0000(	0.342542	33.74111	-5.8347	6.72E-08	2.66E-07	WDR86-AS	chr7	+	1.51E+08	1.51E+08	751
ENSG0000(	3.64115	1.545765	1.0457	0.37449	0.47871	AC108058.	chr2	+	1.06E+08	1.06E+08	781
ENSG0000(	0.870904	0	1.046	0.5544	NA	WDR52-AS	chr3	+	1.13E+08	1.13E+08	686
ENSG0000(	1.317927	13.15351	-3.0561	0.001431	0.003466	OR2A7	chr7	-	1.44E+08	1.44E+08	1116
ENSG0000(	1.161205	2.185918	-0.6868	0.63968	0.72707	RP1-63G5.1	chr22	-	37735624	37823505	1970
ENSG0000(	0	1.280305	-1.6305	0.35731	NA	TUBA4B	chr2	+	2.2E+08	2.2E+08	1380
ENSG0000(	0	1.234181	-1.5727	0.37581	NA	CTD-2290C	chr5	+	31847377	31848254	878
ENSG0000(	0	1.073121	-1.1788	0.50551	NA	PRKRIRP2	chr3	+	86061711	86064270	2267
ENSG0000(	2.188831	1.773966	0.27553	0.84571	0.89174	TIPARP-AS1	chr3	-	1.56E+08	1.56E+08	735
ENSG0000(	1306.01	525.0609	1.312	7.41E-23	7.11E-22	MRPS6	chr21	+	35445524	35515334	3934
ENSG0000(	326.9642	339.4852	-0.05469	0.70106	0.77757	ZNF512	chr2	+	27805897	27858041	3422
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	RP11-167H	chr3	+	1.5E+08	1.5E+08	557
ENSG0000(	0.36308	2.529055	-2.1802	0.14682	0.22285	GSTA1	chr6	-	52656462	52668708	1019
ENSG0000(	2.032922	4.629174	-1.0528	0.36894	0.47352	RP11-552N	chr1	-	1.12E+08	1.12E+08	723
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP5-839B4	chr20	+	9966736	10023864	1036

ENSG0000(	0.995923	0.686276	0.39213	0.8081	NA	RP11-16F1	chr11	+	9627689	9628156	468
ENSG0000(	0.943682	0	1.2438	0.48556	NA	RP11-439C	chr3	-	1.55E+08	1.55E+08	351
ENSG0000(	1.233984	0.640152	0.69125	0.6636	NA	PPIEL	chr1	-	39997510	40024379	813
ENSG0000(	30.1261	3.475086	3.0279	1.38E-05	4.37E-05	RGAG1	chrX	+	1.1E+08	1.1E+08	5426
ENSG0000(	1.016461	0	1.3167	0.46021	NA	RP11-347C	chr8	+	95903467	95904335	558
ENSG0000(	0.685084	6.240464	-2.7533	0.025079	0.048389	ENO1P3	chr3	-	1.25E+08	1.25E+08	1224
ENSG0000(	8.932419	13.64388	-0.60724	0.34852	0.45269	ACY1	chr3	+	52009066	52023213	1836
ENSG0000(	0	3.131949	-2.8424	0.087454	0.14425	RP11-1396	chr4	+	9564791	9565570	780
ENSG0000(	258.9985	245.255	0.080483	0.59786	0.692	NFS1	chr20	-	34220262	34287281	3012
ENSG0000(	4.378475	10.24976	-1.1743	0.15896	0.2384	RP11-227J	chr3	+	1.6E+08	1.6E+08	806
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	RP11-50D9	chr4	-	1.29E+08	1.29E+08	483
ENSG0000(	263.0251	148.0838	0.82712	3.50E-06	1.18E-05	FAM86DP	chr3	-	75470703	75484261	2425
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC090939.	chr3	-	11761930	11766453	453
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	RP11-306G	chr7	+	1.3E+08	1.3E+08	832
ENSG0000(	5532.268	3996.441	0.46902	1.45E-05	4.58E-05	DDOST	chr1	-	20978270	20988000	2079
ENSG0000(	17.51985	0	5.7543	1.23E-06	4.36E-06	CTD-2049J	chr3	-	1.6E+08	1.6E+08	2425
ENSG0000(	16.76378	35.48843	-1.0544	0.02755	0.052649	RP1-90J20.	chr6	+	2988201	2991401	2804
ENSG0000(	57.85165	75.7264	-0.38466	0.26955	0.36858	TMEM199	chr17	+	26684604	26708716	3148
ENSG0000(	1.866827	0	2.3484	0.15622	NA	RP11-266K	chr12	-	8352195	8371507	509
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RPL5P24	chr8	-	1.04E+08	1.04E+08	885
ENSG0000(	2.729171	3.24447	-0.24696	0.81713	0.87168	LINC00539	chr13	+	21872278	21878694	347
ENSG0000(	2.67693	3.823929	-0.49127	0.6283	0.71806	AC007566.	chr7	+	92086878	92120924	643
ENSG0000(	1.068702	0.937167	0.097081	0.9507	0.96919	RPS2P41	chr12	-	1.12E+08	1.12E+08	603
ENSG0000(	0	1.073121	-1.1788	0.50551	NA	RP11-389C	chr5	+	71677621	71678220	600
ENSG0000(	0	1.935026	-2.4284	0.13734	0.21062	RP11-221E	chr3	-	1.29E+08	1.29E+08	841
ENSG0000(	0	1.340997	-1.8899	0.26871	NA	GSTA2	chr6	-	52614897	52628367	1303
ENSG0000(	3.785894	0	3.4396	0.020096	0.039632	CTD-2284C	chr5	+	37085158	37085954	797
ENSG0000(	1.213446	2.24661	-0.71313	0.59039	0.68545	RPS20P35	chr17	+	37011567	37011923	357
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	SPRR2F	chr1	-	1.53E+08	1.53E+08	681
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RPS4XP17	chr17	-	560034	560787	754
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-793B	chr4	+	67296810	67297239	430
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-468H	chr8	-	17007810	17008397	588
ENSG0000(	3.382552	7.33057	-1.0544	0.23186	0.32542	PDCL3P4	chr3	+	1.01E+08	1.01E+08	720
ENSG0000(	11.85776	7.807246	0.59673	0.34723	0.45142	ATP1B3-AS	chr3	-	1.42E+08	1.42E+08	376
ENSG0000(	0	3.097978	-2.8035	0.093924	0.15327	RP11-648C	chr3	+	72055925	72056126	202
ENSG0000(	1.161205	2.024857	-0.55582	0.7237	0.79553	RPSAP51	chr12	+	8895024	8895668	645
ENSG0000(	1.628766	1.355566	0.24127	0.85166	0.89565	RPS12P20	chr11	+	72419231	72419610	380
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-99J1(	chr1	-	2.31E+08	2.31E+08	850
ENSG0000(	6.5039	2.355842	1.3297	0.21088	0.30111	RP11-757F	chr3	-	1.12E+08	1.12E+08	519
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-366N	chr4	-	1.66E+08	1.66E+08	446
ENSG0000(	0.705622	0.343138	0.57395	0.74355	NA	RP11-373L	chr3	+	88206039	88217879	433
ENSG0000(	1.991846	2.993578	-0.53114	0.61953	0.71057	RP11-148K	chr7	-	1.51E+08	1.51E+08	1230
ENSG0000(	1.048164	0.594029	0.49568	0.76966	NA	RP11-1070	chr8	-	54799568	54799804	237
ENSG0000(	7.063965	26.42344	-1.8383	0.000587	0.001508	FLNB-AS1	chr3	-	58148274	58156363	3709
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-206M	chr3	-	1.49E+08	1.49E+08	566
ENSG0000(	36.98453	97.07447	-1.36	0.010651	0.022257	P2RY11	chr19	+	10222214	10226048	1943
ENSG0000(	5.249379	11.75827	-1.1182	0.11217	0.17812	PBX2P1	chr3	+	1.43E+08	1.43E+08	2181
ENSG0000(	0.685084	0.715414	-0.02805	0.98738	NA	RP11-315C	chr6	+	1.11E+08	1.11E+08	315
ENSG0000(	0.653381	2.589748	-1.635	0.2266	0.31953	RP11-314A	chr17	+	4607525	4608824	472
ENSG0000(	359.7515	440.687	-0.29178	0.054496	0.095839	TMEM141	chr9	+	1.4E+08	1.4E+08	839
ENSG0000(	3.278071	124.6129	-5.1352	2.84E-24	2.88E-23	RP4-545C2	chr7	+	1.44E+08	1.44E+08	856
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-139K	chr3	-	1.82E+08	1.82E+08	656
ENSG0000(	11.53657	5.274159	1.0586	0.19047	0.27718	FOXP1-AS1	chr3	+	71338920	71355004	700
ENSG0000(	0.290301	0.654722	-0.51764	0.76892	NA	KB-1554H1	chr8	+	95365151	95365881	731
ENSG0000(	3.184754	1.294874	1.1337	0.33767	0.44142	GS1-259H1	chr7	+	99195689	99208436	1314
ENSG0000(	0.36308	1.340997	-1.3725	0.39447	NA	ILF2P1	chr3	+	65672976	65674143	1168
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-298C	chr3	+	1.68E+08	1.68E+08	2350
ENSG0000(	0.975385	0.997859	-0.01708	0.99089	0.99525	RPL26P35	chr18	-	74546385	74546844	460
ENSG0000(	0	1.058552	-1.361	0.4451	NA	GMCL1P1	chr5	-	1.78E+08	1.78E+08	1581
ENSG0000(	109.115	32.41234	1.7123	0.000892	0.002232	IFITM10	chr11	-	1753640	1771821	3807
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	RPS3AP42	chr11	-	92231318	92232101	784
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-120B	chr5	+	1.08E+08	1.08E+08	359
ENSG0000(	1.306762	1.234181	0.043094	0.9771	0.98699	PKD1P1	chr16	+	16404198	16428047	6805
ENSG0000(	1.597063	0.700845	0.92163	0.54934	0.64913	SIAH2-AS1	chr3	+	1.5E+08	1.5E+08	441
ENSG0000(	1.701545	2.102535	-0.25023	0.84755	0.89291	RP11-529G	chr3	-	1.53E+08	1.53E+08	323

ENSG0000(	0	0.357707	-0.41864	0.81278	NA	PGBD4P1	chr7	+	1.42E+08	1.42E+08	407
ENSG0000(	3.257533	29.25434	-3.0537	1.06E-06	3.76E-06	DBNDD2	chr20	+	44034697	44039250	1537
ENSG0000(	0	65.89753	-7.5842	6.53E-12	3.50E-11	ECEL1P2	chr2	-	2.33E+08	2.33E+08	1295
ENSG0000(	2.116866	0	2.2857	0.18371	0.26889	RP11-564P	chr3	-	81416141	81417172	1032
ENSG0000(	6.048317	10.41968	-0.77293	0.25486	0.35199	ITGB5-AS1	chr3	+	1.25E+08	1.25E+08	460
ENSG0000(	0	4.689867	-3.6767	0.012926	0.026555	RPS3AP35	chr8	-	12485985	12486765	781
ENSG0000(	11.33796	18.86063	-0.71616	0.16953	0.25141	C7orf13	chr7	-	1.56E+08	1.56E+08	2292
ENSG0000(	0.290301	3.624867	-2.4846	0.11929	0.18793	RP11-475N	chr3	+	1.28E+08	1.28E+08	1578
ENSG0000(	9.388002	1.058552	2.8882	0.00557	0.012285	CTD-2314B	chr14	-	19854098	19925348	4264
ENSG0000(	82.95804	126.8309	-0.6053	0.00547	0.012088	RP11-425L	chr11	-	46450163	46450700	498
ENSG0000(	4.627701	0.715414	2.2866	0.081899	0.13629	RP11-383G	chr3	-	1.42E+08	1.42E+08	765
ENSG0000(	1.887365	9.27775	-2.0985	0.022627	0.044122	RP11-119K	chr10	+	96337196	96370995	645
ENSG0000(	0	66.24778	-7.5047	6.62E-11	3.32E-10	LINC00698	chr3	+	62936105	63110738	1957
ENSG0000(	1.649304	1.188058	0.33221	0.82264	0.875	RP11-531F	chr3	-	1.83E+08	1.83E+08	543
ENSG0000(	0.342542	6.520493	-3.5318	0.006051	0.013261	HCG16	chr6	+	28954577	28956313	317
ENSG0000(	0.342542	0	0.4146	0.81455	NA	LY6G6D	chr6	+	31683133	31685581	523
ENSG0000(	3.10081	9.467948	-1.4828	0.078724	0.1317	RPL7P23p	chr5	+	76878198	76879010	813
ENSG0000(	6.773664	4.273883	0.63515	0.42218	0.52764	PFN1P8	chr1	-	1.46E+08	1.46E+08	543
ENSG0000(	3.144492	3.114963	0.008809	0.99416	0.99669	RPS2P45	chr16	+	69067578	69069945	2057
ENSG0000(	0	1.058552	-1.361	0.4451	NA	RP11-24C3	chr3	-	48481762	48488060	885
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	RP11-475C	chr3	+	58592807	58620167	821
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RPS6P22	chr12	+	59413950	59414675	726
ENSG0000(	0.653381	0.654722	-0.00313	0.9985	NA	RP11-592B	chr10	-	51253146	51371338	980
ENSG0000(	125.8581	164.2697	-0.38166	0.046287	0.083193	RP11-466H	chr11	-	16996240	16996560	321
ENSG0000(	1793.45	1467.324	0.28888	0.04135	0.075446	ETV5	chr3	-	1.86E+08	1.86E+08	4111
ENSG0000(	0.342542	1.355566	-1.3789	0.3926	NA	CFHR1	chr1	+	1.97E+08	1.97E+08	1271
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	RP11-52B1	chr8	+	7953468	7954248	781
ENSG0000(	12.5197	9.981011	0.32887	0.59352	0.68821	RP4-655L2	chrX	+	1.2E+08	1.2E+08	632
ENSG0000(	4.315069	10.43425	-1.2241	0.10462	0.16766	RP11-1398	chr4	-	1575789	1581980	579
ENSG0000(	1780.274	2318.474	-0.38012	0.024562	0.047489	RBM12	chr20	-	34236847	34252878	6662
ENSG0000(	0	2.087966	-2.2641	0.18897	0.27528	RP11-206M	chr3	+	1.49E+08	1.49E+08	551
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP1-302D9	chr22	-	33562373	33617737	596
ENSG0000(	8.070074	5.150358	0.5912	0.48463	0.58867	ERVFRD-1	chr6	-	11102722	11111965	3198
ENSG0000(	9.669743	190.4563	-4.2983	1.62E-30	2.09E-29	RP4-798C1	chr7	-	1.44E+08	1.44E+08	1268
ENSG0000(	5.560218	1.874334	1.3913	0.17788	0.26162	AC005154.	chr7	-	30562759	30564151	1393
ENSG0000(	4.399013	1.340997	1.5306	0.16209	0.2424	LILRA6	chr19	-	54720737	54746649	2238
ENSG0000(	1875.328	850.7352	1.1378	1.12E-13	6.74E-13	SCARF2	chr22	-	20778874	20792146	3460
ENSG0000(	2.044087	1.073121	0.74827	0.60996	0.70268	RWDD4P1	chr7	+	1.05E+08	1.05E+08	565
ENSG0000(	529.989	295.1757	0.84254	2.38E-05	7.31E-05	APOBEC3C	chr22	+	39410088	39414931	1309
ENSG0000(	0.36308	0	0.4146	0.81455	NA	GS1-124K5	chr7	-	65947788	65955095	151
ENSG0000(	14.41904	4.884898	1.4876	0.037891	0.06995	CTD-2013N	chr3	+	69063092	69105773	962
ENSG0000(	5.104635	1.964165	1.2243	0.25422	0.35129	KRT18P34	chr3	-	1.57E+08	1.57E+08	1270
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC134873.	chr2	+	2.43E+08	2.43E+08	183
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP1-181J2	chr11	+	32779814	32780160	347
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-416A	chr12	+	51500600	51500927	328
ENSG0000(	4.886299	19.09528	-1.8926	0.002298	0.005384	RP11-128A	chr7	+	1.29E+08	1.29E+08	1639
ENSG0000(	1.338465	0.891044	0.39821	0.79657	0.85554	RP11-445H	chr20	-	43323533	43374662	862
ENSG0000(	23.50916	11.5592	0.98123	0.10926	0.17399	RP4-800G7	chr7	+	1.49E+08	1.49E+08	2804
ENSG0000(	2.044087	0	2.4801	0.12801	0.19906	RP11-14D2	chr3	+	64430907	64440508	565
ENSG0000(	44.22135	28.37471	0.62859	0.078702	0.13167	AC096772.	chr2	-	2.09E+08	2.09E+08	1262
ENSG0000(	0.653381	0.594029	0.059135	0.97278	NA	RP11-515B	chr12	-	14509776	14518437	358
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	AC090505.	chr3	+	1.94E+08	1.95E+08	432
ENSG0000(	0	11.51462	-5.0653	8.72E-05	0.00025	RP11-548C	chr3	-	1.39E+08	1.39E+08	3538
ENSG0000(	0.290301	0.640152	-0.50256	0.77558	NA	RPL21P12(	chr17	+	21407884	21408385	502
ENSG0000(	397.9468	30.05401	3.7015	4.25E-58	1.18E-56	WNT5A-AS:	chr3	+	55521727	55522336	500
ENSG0000(	5.228841	3.434668	0.53554	0.58088	0.67737	RAD21L1	chr20	+	1206700	1277065	1808
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-685B	chr8	-	18240784	18241427	644
ENSG0000(	0.290301	3.451653	-2.4978	0.1073	0.17139	RP11-713H	chr17	+	8464548	8464894	347
ENSG0000(	1.213446	3.665285	-1.3307	0.27491	0.37493	CCDC13	chr3	-	42734155	42814745	2943
ENSG0000(	9.026714	17.97121	-0.9661	0.12442	0.19457	ASPRV1	chr2	-	70187226	70189397	2172
ENSG0000(	5.217676	19.58894	-1.8346	0.003559	0.008109	CTA-211A9	chr22	+	27068730	27176170	1006
ENSG0000(	94.80047	155.1199	-0.70685	0.001621	0.003889	RP3-449O1	chr22	-	38731767	38794934	974
ENSG0000(	0.632843	2.292733	-1.4905	0.27804	0.37845	RP11-241J	chr5	-	80151326	80151662	337
ENSG0000(	20.9042	3.322147	2.5594	0.000154	0.000429	CTD-2377D	chr17	+	46782565	46784708	1436
ENSG0000(	1.701545	0.951736	0.64713	0.64393	0.73093	RP11-103G	chr3	-	1.5E+08	1.5E+08	476

ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-158C	chr4	-	65632848	65633615	768
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	RPS3AP15	chr3	-	75591300	75592080	781
ENSG0000(	1.338465	7.218922	-2.219	0.030452	0.057512	AC108676.	chr3	-	1.94E+08	1.94E+08	2962
ENSG0000(	1.161205	2.056411	-0.59864	0.68047	0.76103	AL109761.	chr21	+	19165805	19183162	422
ENSG0000(	9.285312	1.248751	2.5995	0.0083	0.017695	FCGR2C	chr1	+	1.62E+08	1.62E+08	1632
ENSG0000(	58.68489	47.01446	0.30884	0.38567	0.48992	UBE2V1	chr20	-	48697661	48732496	2536
ENSG0000(	0.72616	1.387121	-0.65389	0.69349	0.77146	RP11-600F	chr14	-	1.04E+08	1.04E+08	643
ENSG0000(	0	9.951873	-4.8841	0.000156	0.000435	CTAGE8	chr7	-	1.44E+08	1.44E+08	2588
ENSG0000(	143.2221	14.48638	3.2768	1.77E-26	1.97E-25	PTCHD4	chr6	-	47845764	48036425	3232
ENSG0000(	2.375464	0.654722	1.4834	0.28894	0.3905	RP11-378J	chr1	+	2.23E+08	2.23E+08	1302
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-803B	chr3	-	75433210	75440961	369
ENSG0000(	3.568372	9.744689	-1.3614	0.081821	0.1362	RP5-894A1	chr7	-	1.41E+08	1.41E+08	770
ENSG0000(	0	1.326428	-1.6486	0.3523	NA	CD46P1	chr1	+	2.08E+08	2.08E+08	763
ENSG0000(	0.290301	0.700845	-0.56655	0.74739	NA	RP11-874G	chr12	-	28717611	28718074	464
ENSG0000(	36.86807	72.52974	-0.96274	0.000888	0.002224	RP11-20O2	chr1	+	1.1E+08	1.1E+08	612
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-179A	chr3	-	1.1E+08	1.1E+08	869
ENSG0000(	7.107646	11.86267	-0.71035	0.3693	0.47392	ASLP1	chr22	-	23991400	23995521	637
ENSG0000(	1.608228	1.248751	0.27398	0.85253	0.89637	RP13-1056	chr3	+	49812718	49813047	330
ENSG0000(	11.07855	4.539343	1.224	0.11555	0.18287	C4A	chr6	+	31949801	31970458	5460
ENSG0000(	1.576526	1.073121	0.4605	0.76104	0.82661	RP11-506M	chr10	+	81420645	81436856	941
ENSG0000(	1.027626	0	1.1491	0.51623	NA	CRYBB2	chr22	+	25615489	25627836	886
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RPL15P21	chr17	-	10763852	10764779	567
ENSG0000(	839.7224	503.7429	0.73691	6.18E-09	2.66E-08	N4BP2L2	chr13	-	33006554	33112970	5317
ENSG0000(	1.068702	0	1.3672	0.44297	NA	RP11-1042	chr14	-	61038742	61039029	288
ENSG0000(	0.290301	1.188058	-1.0232	0.56351	NA	RP11-45A1	chr9	-	1.19E+08	1.19E+08	728
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-65D1	chr8	+	1.27E+08	1.27E+08	1422
ENSG0000(	64.57747	251.5033	-1.9451	4.64E-09	2.02E-08	GABPB1-AS	chr15	+	50647156	50659636	2310
ENSG0000(	0.923144	6.413677	-2.4363	0.028847	0.05482	CTB-36O1.1	chr5	-	1.34E+08	1.34E+08	747
ENSG0000(	6.639271	2.696564	1.2124	0.21785	0.30934	RP11-613D	chr11	-	43930842	43942494	1906
ENSG0000(	49.26779	39.40702	0.31264	0.34632	0.45043	RP11-529F	chr3	+	1.29E+08	1.29E+08	517
ENSG0000(	13.94292	14.72183	-0.07555	0.89702	0.92858	RP11-1379	chr5	-	1.79E+08	1.79E+08	1966
ENSG0000(	1.681007	2.232041	-0.37784	0.75648	0.82296	RP11-1000	chr15	+	32905934	32907312	732
ENSG0000(	1.887365	0	2.1461	0.21553	NA	RP11-613D	chr11	-	43965337	43968756	2045
ENSG0000(	7.697622	15.48827	-0.97562	0.13824	0.21169	LIFR-AS1	chr5	+	38556888	38671318	3803
ENSG0000(	0	1.606458	-1.9287	0.27074	NA	CTD-3064M	chr8	-	1.42E+08	1.42E+08	1380
ENSG0000(	0.975385	0	1.2767	0.47406	NA	RP11-744M	chr11	-	1.28E+08	1.29E+08	1916
ENSG0000(	1.681007	10.67058	-2.4979	0.006031	0.013222	RP11-181C	chr12	-	98879322	98897633	1825
ENSG0000(	2.914991	0.297015	2.4184	0.095671	0.15569	RP11-875C	chr8	-	22842109	22876848	1945
ENSG0000(	0.580602	1.043983	-0.50894	0.7638	NA	RP11-303E	chr16	+	81110924	81112466	1088
ENSG0000(	176.2548	134.0388	0.39217	0.13642	0.20963	LINC00847	chr5	+	1.8E+08	1.8E+08	1871
ENSG0000(	18.19377	0	5.7996	1.04E-06	3.70E-06	RP11-12A1	chr4	+	57975928	58071676	1389
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-320M	chr8	-	96079036	96085410	2632
ENSG0000(	9.876101	5.361573	0.83536	0.26767	0.36641	A2M-AS1	chr12	+	9217773	9220651	2187
ENSG0000(	0.632843	2.012704	-1.2279	0.42566	0.53104	SMARCA5-A	chr4	-	1.44E+08	1.44E+08	945
ENSG0000(	3.733653	4.928605	-0.34849	0.70291	0.77902	CTB-131B5	chr5	-	1.39E+08	1.39E+08	2769
ENSG0000(	5.145711	2.696564	0.85362	0.3751	0.47933	ARAP1-AS2	chr11	+	72411519	72416652	1824
ENSG0000(	24.48113	21.96506	0.16508	0.71228	0.78644	RP11-383J	chr8	-	1.25E+08	1.25E+08	5654
ENSG0000(	11.14277	7.328154	0.58865	0.37486	0.47909	RP11-867G	chr11	-	66037303	66045996	2792
ENSG0000(	5.1766	10.2319	-0.93314	0.18821	0.27444	EEF1A1P4	chr12	-	19609178	19610582	1405
ENSG0000(	23.30957	43.03834	-0.87515	0.022552	0.04399	RP11-10K1	chr4	-	1.74E+08	1.74E+08	2036
ENSG0000(	1.733248	23.45497	-3.6019	6.16E-06	2.03E-05	RP11-305M	chr11	+	1.19E+08	1.19E+08	2486
ENSG0000(	45.87343	11.11811	2.0048	2.07E-05	6.39E-05	CTB-157D1	chr5	-	1.54E+08	1.54E+08	1039
ENSG0000(	2.334388	3.215331	-0.43342	0.68588	0.76561	CTD-2547L	chr8	+	17942377	17953903	1052
ENSG0000(	0.975385	0.343138	0.92553	0.59174	NA	RP11-286E	chr4	-	1.09E+08	1.09E+08	2810
ENSG0000(	0.632843	1.029414	-0.43867	0.79644	NA	RP11-165P	chr12	-	27542722	27599558	804
ENSG0000(	13.45482	9.032564	0.54687	0.36628	0.47091	CTC-241N9	chr5	+	1.79E+08	1.79E+08	1454
ENSG0000(	2.064625	2.232041	-0.13433	0.90896	0.9374	RP11-15B1	chr4	+	1.01E+08	1.01E+08	769
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	AC004053.	chr4	+	1.05E+08	1.06E+08	2968
ENSG0000(	0	3.411978	-3.2688	0.029797	0.056423	CTD-2540L	chr14	-	71075515	71108015	2941
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	RP11-367J	chr4	-	7102967	7105112	2146
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	RP11-387D	chr15	+	91203465	91208198	1295
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-847H	chr12	-	34175216	34199352	2179
ENSG0000(	10.75654	19.48455	-0.81118	0.15815	0.23752	RP11-677M	chr11	+	1.25E+08	1.25E+08	2886
ENSG0000(	9.076349	2.618886	1.6672	0.065292	0.11227	RP11-540A	chr11	-	9776317	9781080	2311
ENSG0000(	6.722236	7.096664	-0.07349	0.93552	0.95758	LINC00461	chr5	-	87803363	87986858	3558

ENSG0000(	1834.399	258.0328	2.8147	2.80E-30	3.59E-29	NEAT1	chr11	+	65190245	65213011	22743
ENSG0000(	1.576526	4.570898	-1.364	0.19445	0.28208	RP11-219B	chr15	+	60771377	60922836	869
ENSG0000(	6.306916	9.961609	-0.63678	0.35648	0.46076	RP11-712B	chr11	+	94883703	94967268	1926
ENSG0000(	54.12076	47.76372	0.182	0.52931	0.63075	CTD-2037K	chr5	-	77638189	77656331	1479
ENSG0000(	0.685084	0.997859	-0.39711	0.8057	NA	RP11-367J	chr4	-	7096298	7105107	1500
ENSG0000(	20.55131	23.52136	-0.20072	0.63659	0.72482	AP001258.	chr11	-	58897606	58910488	2110
ENSG0000(	10.15361	15.85081	-0.60148	0.34763	0.45182	BDNF-AS	chr11	+	27528385	27719721	2324
ENSG0000(	6.556141	2.399549	1.3723	0.13217	0.20454	DACT3-AS1	chr19	+	47163621	47180704	1304
ENSG0000(	10.63315	33.43759	-1.6277	0.000431	0.00113	DDX11-AS1	chr12	-	31173697	31226781	2031
ENSG0000(	0.290301	3.394993	-2.4442	0.11867	0.18716	RP11-277P	chr12	+	10516368	10551105	2830
ENSG0000(	7.137557	6.518077	0.10726	0.89466	0.92691	RP11-620J	chr12	-	58263618	58290265	3507
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-184E	chr5	+	25190791	25306281	937
ENSG0000(	2.044087	0.686276	1.2217	0.41207	0.51691	RP5-940J5.	chr12	+	6652670	6654097	560
ENSG0000(	42.02413	64.05233	-0.59608	0.057135	0.099969	ZNF585B	chr19	-	37672481	37709055	6210
ENSG0000(	10.3849	3.558469	1.4499	0.076906	0.12916	AF146191.	chr4	-	1.91E+08	1.91E+08	979
ENSG0000(	0.632843	1.995719	-1.3071	0.35187	0.456	CTB-26E19.	chr5	-	1.78E+08	1.78E+08	1458
ENSG0000(	109.4514	27.10085	2.0026	7.18E-13	4.12E-12	CRNDE	chr16	-	54952775	54963101	735
ENSG0000(	40.50228	2.529055	3.815	2.80E-09	1.24E-08	NADKD1-AS	chr5	+	36221157	36222004	720
ENSG0000(	0.995923	1.485073	-0.45968	0.76688	0.8314	RP11-34F1	chr15	-	68126648	68131217	1986
ENSG0000(	7.862903	4.083685	0.91157	0.25706	0.35458	RP11-367J	chr4	-	7032281	7047958	4300
ENSG0000(	0.685084	3.662869	-2.0084	0.13548	0.20857	RP11-279F	chr15	+	69755365	69863775	1358
ENSG0000(	0.995923	0.997859	-0.00349	0.99806	0.99911	RP11-410D	chr16	+	58767816	59142878	2296
ENSG0000(	78.66334	0	7.8302	7.92E-13	4.53E-12	RP11-175K	chr5	+	1.59E+08	1.59E+08	2664
ENSG0000(	1.265686	0	1.6147	0.36215	NA	RP11-179A	chr11	-	81590893	82429124	1397
ENSG0000(	0	1.949596	-2.4359	0.13595	0.20899	CEBPA	chr19	-	33790840	33793470	2631
ENSG0000(	86.80896	111.0113	-0.35345	0.33593	0.43963	CTD-2339L	chr15	-	40978922	40987305	1151
ENSG0000(	6.5039	6.47437	0.001766	0.99809	0.99911	GS1-24F4.2	chr8	+	6693076	6742798	1110
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTC-467M3	chr5	+	87972036	88018648	463
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	RP11-158I9	chr11	-	1.19E+08	1.19E+08	1646
ENSG0000(	0.685084	3.861932	-1.9111	0.20188	0.29053	CTD-3203P	chr16	+	27279526	27301813	2594
ENSG0000(	7.851738	15.46397	-0.93765	0.14506	0.22052	RP11-796E	chr12	+	92539349	92583436	5699
ENSG0000(	337.8343	681.0323	-1.0093	9.38E-12	4.98E-11	SNHG6	chr8	-	67833919	67838633	648
ENSG0000(	2.282147	0.297015	2.0825	0.16536	0.24634	RP11-630D	chr4	+	76901943	76927095	1685
ENSG0000(	108.0335	40.94392	1.3831	1.82E-05	5.66E-05	CTC-228N2	chr5	-	1.27E+08	1.27E+08	2977
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-18H2	chr4	+	1.53E+08	1.53E+08	1592
ENSG0000(	164.0918	105.7287	0.63118	0.005222	0.011595	RP11-33B1	chr4	+	1.2E+08	1.2E+08	2376
ENSG0000(	2.177666	10.22304	-2.0316	0.032967	0.061708	KB-1208A1	chr8	+	99053954	99056349	1989
ENSG0000(	2.976604	7.215633	-1.1474	0.27891	0.37955	RP11-30K9	chr15	-	59060271	59063173	1396
ENSG0000(	0.342542	0.951736	-0.90924	0.59857	NA	ALDH1L1-A	chr3	+	1.26E+08	1.26E+08	2324
ENSG0000(	27.98772	44.19397	-0.65446	0.053795	0.09481	RP11-113K	chr11	+	82783108	82817761	860
ENSG0000(	1.628766	10.05715	-2.3165	0.041536	0.075746	NUDT16P	chr3	+	1.31E+08	1.31E+08	2208
ENSG0000(	0	3.717114	-3.3236	0.03054	0.057622	CTD-2506J	chr14	+	97925153	98047938	1115
ENSG0000(	81.51932	159.0137	-0.96024	0.000507	0.001316	RP11-115C	chr8	-	6261072	6264663	2413
ENSG0000(	40.70799	27.1073	0.58863	0.12816	0.19928	RP11-696N	chr4	+	1E+08	1E+08	4825
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC006445.	chr4	-	13547699	13549425	1263
ENSG0000(	8.869991	6.206494	0.4888	0.49214	0.59607	CTC-774J1.	chr11	-	1.16E+08	1.16E+08	3322
ENSG0000(	3.797873	16.51695	-2.0312	0.012637	0.026007	RP11-875C	chr8	+	22925742	22941132	2636
ENSG0000(	0.580602	3.947731	-2.169	0.11478	0.18184	RP11-346I	chr8	-	67331824	67341212	4366
ENSG0000(	23.76434	36.00311	-0.57835	0.23741	0.33173	RP11-705C	chr11	+	77850817	77886369	1789
ENSG0000(	11.14179	14.77769	-0.40249	0.48593	0.58987	RP11-29H2	chr1	-	1.56E+08	1.56E+08	2505
ENSG0000(	0.72616	0.715414	0.009201	0.99586	NA	RP11-260E	chr5	+	16616035	16630078	1674
ENSG0000(	2.946693	0	3.019	0.052361	0.092591	RP11-17A1	chr11	+	22850926	22966939	2029
ENSG0000(	1.95077	0.951736	0.79535	0.59009	0.68516	RP11-382A	chr8	-	1.28E+08	1.28E+08	1420
ENSG0000(	18.70681	17.28735	0.10869	0.83673	0.88548	RP11-613D	chr11	-	43851259	43902276	2190
ENSG0000(	19.9073	108.2756	-2.4247	9.10E-12	4.84E-11	KB-431C1.4	chr8	+	1.03E+08	1.03E+08	2048
ENSG0000(	6.753939	16.19321	-1.2436	0.04588	0.082534	SBF2-AS1	chr11	+	9779839	9832866	2709
ENSG0000(	8.684172	14.6126	-0.73429	0.22431	0.31685	RP11-685N	chr11	+	10830844	10844478	2335
ENSG0000(	0	1.416259	-1.7181	0.33141	NA	RP11-492A	chr5	-	1.14E+08	1.14E+08	592
ENSG0000(	0.580602	4.36613	-2.3302	0.076103	0.12799	RP11-325L	chr5	+	1.37E+08	1.37E+08	1253
ENSG0000(	0.72616	1.309443	-0.61368	0.71013	0.78467	RP11-77I2.	chr12	+	30908008	30933673	1552
ENSG0000(	9.418891	16.53393	-0.78888	0.18219	0.26698	PRR7-AS1	chr5	-	1.77E+08	1.77E+08	741
ENSG0000(	6.547582	13.07012	-0.9787	0.17279	0.25543	EXTL3-AS1	chr8	-	28553718	28558981	3688
ENSG0000(	0.36308	2.800964	-2.0723	0.20056	0.28928	RP5-1186N	chr6	+	28555155	28559524	2874
ENSG0000(	184.9547	0.700845	7.5786	5.73E-20	4.82E-19	RP11-13A1	chr12	-	89404458	89413456	2941
ENSG0000(	6.971462	4.320007	0.65403	0.40562	0.51047	RP11-382J	chr8	+	71520812	71575514	3716

ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-10L7	chr4	+	89206094	89252573	1654
ENSG0000(	0	3.039702	-3.1087	0.041329	0.075412	RP11-461C	chr16	-	56126899	56225006	2678
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-386I	chr12	-	1.34E+08	1.34E+08	1151
ENSG0000(	4.242291	1.416259	1.4186	0.23129	0.32479	CTD-2024I	chr5	+	1.41E+08	1.41E+08	2480
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-16M	chr8	-	57408805	57472382	2366
ENSG0000(	0.705622	0.297015	0.56864	0.74638	NA	RP13-578N	chr4	+	1.45E+08	1.45E+08	566
ENSG0000(	163.5303	84.93312	0.93729	3.97E-05	0.000119	RP11-894P	chr14	-	1.04E+08	1.04E+08	1404
ENSG0000(	3.910914	92.03939	-4.4568	4.14E-20	3.51E-19	RP11-57A1	chr16	-	28296206	28303385	2481
ENSG0000(	21.34087	16.45538	0.36095	0.44154	0.5473	AF131216.	chr8	-	11173374	11182938	5850
ENSG0000(	4.564295	6.177355	-0.41644	0.59884	0.69292	RP11-736K	chr11	+	86666661	86712001	1223
ENSG0000(	0.342542	0.594029	-0.38792	0.8278	NA	RP11-539L	chr4	-	6689175	6692246	1821
ENSG0000(	1.359003	5.49108	-1.8432	0.082369	0.13695	RP11-159H	chr8	+	70746346	70767206	828
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-363G	chr4	-	95038943	95128707	1042
ENSG0000(	0.342542	1.652581	-1.6373	0.29704	0.39905	RP11-7F17	chr14	+	77507407	77535846	2924
ENSG0000(	9.221906	10.70213	-0.2173	0.72462	0.79626	RP11-10L1	chr4	+	1.04E+08	1.04E+08	883
ENSG0000(	24.72082	7.143661	1.7359	0.001335	0.003248	AC093162.	chr2	+	85542164	85543652	704
ENSG0000(	21.72368	17.44029	0.31798	0.50116	0.60481	RP11-1149	chr8	+	23081984	23088439	1970
ENSG0000(	42.06341	16.2725	1.3502	0.004174	0.009401	RP11-1277	chr5	-	1.77E+08	1.77E+08	853
ENSG0000(	3.661688	6.194341	-0.72196	0.40723	0.51202	CACNA1C-A	chr12	-	2785167	2800366	2191
ENSG0000(	0.943682	1.012429	-0.05362	0.97279	0.98486	RP11-1094	chr17	-	48127713	48133103	2533
ENSG0000(	4.834058	1.949596	1.1939	0.23287	0.32644	LINC00535	chr8	-	94225531	94712661	1914
ENSG0000(	133.6421	67.63275	0.9754	5.83E-05	0.000171	RP11-877E	chr12	-	26092262	26112698	2610
ENSG0000(	762.2207	929.6876	-0.28714	0.040489	0.074129	H2AFJ	chr12	+	14927270	14930936	3665
ENSG0000(	6.00545	8.574489	-0.48802	0.56919	0.66647	CTD-2514K	chr17	-	72206119	72209481	2501
ENSG0000(	0.653381	0.594029	0.059135	0.97278	NA	CTD-2382E	chr15	+	42264961	42291292	2499
ENSG0000(	41.02902	10.30958	1.9619	2.85E-05	8.67E-05	CTC-463N1	chr5	-	98105322	98109173	2034
ENSG0000(	7.842365	0.951736	2.7085	0.009781	0.020594	AC004051.	chr4	+	1.1E+08	1.1E+08	1951
ENSG0000(	4.19005	5.380975	-0.31892	0.75015	0.81726	RP11-61A1	chr16	+	66785655	66788643	2894
ENSG0000(	0	3.993854	-3.4305	0.023622	0.045871	RP11-730K	chr11	-	1.21E+08	1.21E+08	2908
ENSG0000(	1.628766	83.05165	-5.4197	1.73E-14	1.10E-13	RP11-68L1	chr8	+	91658669	91668826	3473
ENSG0000(	2.624689	2.589748	0.008762	0.99336	0.99653	RP11-544A	chr9	-	1.34E+08	1.34E+08	3084
ENSG0000(	468.2624	159.1283	1.5514	3.41E-20	2.90E-19	STARD4-AS	chr5	+	1.11E+08	1.11E+08	5525
ENSG0000(	1.306762	3.290593	-1.1596	0.32961	0.43268	RP11-325N	chr15	+	40213243	40218081	4811
ENSG0000(	0	2.56061	-2.5899	0.12437	0.19452	RP11-519N	chr4	-	1.31E+08	1.31E+08	1963
ENSG0000(	0.923144	5.865772	-2.3178	0.037731	0.069687	DNM1P35	chr15	-	76020011	76030964	3188
ENSG0000(	14.55523	22.82368	-0.63401	0.18606	0.27176	AP000487.	chr11	-	70218352	70244594	2602
ENSG0000(	12.34505	0.343138	4.4306	0.000202	0.000554	CTD-2258A	chr16	+	66442427	66446038	2147
ENSG0000(	61.08106	82.77393	-0.4369	0.11413	0.18087	UBAP1L	chr15	-	65385338	65407535	7377
ENSG0000(	4.253456	8.703995	-0.97972	0.23212	0.32555	RP1-179N1	chr6	-	36114475	36164982	1230
ENSG0000(	39.88835	56.22414	-0.49203	0.11011	0.17517	SOCS2-AS1	chr12	-	93936239	93965544	3325
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	RP11-700H	chr17	-	49012350	49022074	2054
ENSG0000(	518.2509	1136.006	-1.1315	2.30E-17	1.72E-16	PGAM5	chr12	+	1.33E+08	1.33E+08	2742
ENSG0000(	43.70497	8.968582	2.2445	2.62E-06	8.98E-06	RP11-318N	chr8	-	1.04E+08	1.04E+08	1353
ENSG0000(	56.18441	75.88833	-0.434	0.1538	0.23189	SNHG10	chr14	-	95998634	96001209	1531
ENSG0000(	46.55655	110.9658	-1.2339	0.005357	0.011862	MIR210HG	chr11	-	565660	568457	1965
ENSG0000(	13.25784	12.98433	0.029478	0.95805	0.97466	CTD-2260A	chr5	-	96149731	96271513	2245
ENSG0000(	62.48114	98.39808	-0.65256	0.005021	0.011181	RP11-11N9	chr8	+	32853696	32902373	737
ENSG0000(	29.76042	35.73516	-0.24996	0.50841	0.6119	RP11-727A	chr11	-	82895533	82904836	2295
ENSG0000(	1.576526	1.727843	-0.07828	0.95461	0.97192	CSTF3-AS1	chr11	+	33183203	33213144	2031
ENSG0000(	19.33705	1.370136	3.6147	2.13E-05	6.56E-05	RP11-434C	chr12	+	11700964	11743303	3673
ENSG0000(	0	1.073121	-1.1788	0.50551	NA	RP11-431N	chr4	+	36245738	36275842	1448
ENSG0000(	1.701545	2.740271	-0.58241	0.6523	0.73762	RP11-373N	chr5	-	1.48E+08	1.48E+08	2033
ENSG0000(	0.290301	1.387121	-1.3028	0.4429	NA	RP11-13G1	chr12	-	1.09E+08	1.09E+08	2984
ENSG0000(	106.8995	171.9943	-0.68513	0.004721	0.010553	RP11-296I	chr16	-	70190243	70207351	2242
ENSG0000(	36.58812	59.46699	-0.68932	0.0333	0.062283	RP11-10O1	chr15	+	74753606	74773643	1612
ENSG0000(	24.42114	15.44698	0.65725	0.14942	0.22627	CTD-2003C	chr11	+	10879806	10928349	1071
ENSG0000(	0	2.010288	-2.4674	0.13027	0.202	RP11-902B	chr14	-	61764882	61789536	4499
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTC-441N1	chr5	-	1.21E+08	1.21E+08	731
ENSG0000(	0.580602	4.522358	-2.2453	0.12453	0.19472	RP11-273G	chr8	-	1.44E+08	1.44E+08	1781
ENSG0000(	0.36308	0.654722	-0.52647	0.7643	NA	RP11-510N	chr16	+	71496181	71499844	2793
ENSG0000(	3.309773	0.357707	2.5556	0.074349	0.12554	RP11-266N	chr5	+	58335588	58359330	729
ENSG0000(	1.048164	6.535062	-2.4026	0.0278	0.053074	RP11-637A	chr12	-	69068151	69081535	1733
ENSG0000(	0.995923	0	1.4959	0.39264	NA	CTD-2235C	chr5	-	74615980	74632739	527
ENSG0000(	20.62327	11.78982	0.78761	0.11476	0.18182	RP11-486C	chr12	-	1.24E+08	1.24E+08	1950
ENSG0000(	29.68927	30.39144	-0.03496	0.92357	0.94853	DNAJC3-AS	chr13	-	96325089	96329179	2908

ENSG0000(	1.576526	1.759397	-0.09332	0.94476	0.9645	CTD-2340E	chr5	+	1.02E+08	1.02E+08	391
ENSG0000(	9.30585	0.640152	3.3975	0.001794	0.004278	RP11-629(	chr11	-	1.13E+08	1.13E+08	1934
ENSG0000(	2.282147	5.848787	-1.2554	0.18204	0.26682	CARS-AS1	chr11	+	3050624	3062490	2664
ENSG0000(	6.410584	1.370136	2.0256	0.060474	0.1051	RP11-392P	chr12	+	13080660	13137579	1746
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-480[	chr5	+	8457606	8460776	1005
ENSG0000(	3239.735	3416.693	-0.07678	0.58515	0.68092	OIP5-AS1	chr15	+	41576188	41601901	8829
ENSG0000(	56.51579	54.49959	0.0485	0.88312	0.91853	CTC-281B1	chr5	-	80499915	80597379	2463
ENSG0000(	17.93941	8.599595	0.99425	0.15919	0.23871	SPTY2D1-A	chr11	+	18621334	18631802	1454
ENSG0000(	660.039	314.5756	1.0644	8.77E-09	3.74E-08	TWF2	chr3	-	52262626	52273177	1619
ENSG0000(	0.290301	0.686276	-0.47648	0.78935	NA	AC006296.	chr4	-	14911585	15003669	1806
ENSG0000(	89.65957	675.7428	-2.9078	7.24E-57	1.96E-55	MARS2	chr2	+	1.99E+08	1.99E+08	3027
ENSG0000(	4.491516	4.960159	-0.12242	0.88611	0.92043	MTND4P12	chr5	-	1.34E+08	1.34E+08	1377
ENSG0000(	4.93854	9.586917	-0.90841	0.24348	0.33895	LRP4-AS1	chr11	+	46867963	46895947	1504
ENSG0000(	49.77741	24.09599	1.0247	0.011957	0.024724	RP11-1277	chr5	+	1.77E+08	1.77E+08	1751
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	CTB-127C1	chr5	-	1.6E+08	1.6E+08	2686
ENSG0000(	17.0549	42.03316	-1.2865	0.000742	0.001878	RP11-323F	chr4	+	4543858	4639631	724
ENSG0000(	2.551911	1.638012	0.56925	0.6266	0.71655	RP11-932C	chr15	-	30909201	30917976	970
ENSG0000(	0.290301	6.84423	-3.3932	0.019778	0.039074	RP11-404K	chr5	+	7290936	7296458	203
ENSG0000(	16.03844	42.79315	-1.3933	0.001778	0.004242	CTD-2574[	chr16	+	29938157	29940254	1762
ENSG0000(	52.70952	142.9822	-1.4328	4.55E-09	1.98E-08	USP51	chrX	-	55511049	55515635	4407
ENSG0000(	1.359003	2.010288	-0.49244	0.69652	0.77377	RP11-32B5	chr15	-	21941147	21968151	2161
ENSG0000(	3.049383	4.857375	-0.58854	0.61418	0.70609	PCED1B-AS	chr12	-	47599681	47610239	2494
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-67M:	chr4	+	90757559	90763129	2646
ENSG0000(	13.25703	18.69387	-0.47283	0.34426	0.44818	CTD-2366F	chr5	+	52405672	52410956	3137
ENSG0000(	97.45572	0	8.1109	1.01E-13	6.07E-13	NR2F2-AS1	chr15	-	96670598	96870590	1930
ENSG0000(	77.6419	85.21073	-0.13682	0.62644	0.71641	TMEM161E	chr5	+	87564712	87732502	1101
ENSG0000(	6.338619	6.001726	0.072928	0.92189	0.94749	RP5-940J5.	chr12	+	6687788	6693905	2196
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	SPCS2P3	chr5	+	816461	817116	656
ENSG0000(	1.213446	1.964165	-0.52461	0.71664	0.79005	CTD-2001C	chr5	-	99785458	99870966	1569
ENSG0000(	130.7769	128.4813	0.024004	0.92512	0.9498	RP11-421F	chr12	+	27124519	27132515	2549
ENSG0000(	3.122162	0.640152	1.7494	0.23411	0.32777	HMGN1P1	chr5	-	70833479	70833673	195
ENSG0000(	3.931452	0	3.5246	0.015037	0.030454	RP3-510L9	chr6	+	11173685	11259332	704
ENSG0000(	4.399013	2.292733	0.84543	0.38991	0.4942	RP11-967K	chr12	-	28316231	28343299	739
ENSG0000(	15.83127	16.14783	-0.01477	0.97903	0.98833	SEC24B-AS:	chr4	-	1.1E+08	1.1E+08	1433
ENSG0000(	0.36308	1.248751	-1.1986	0.48045	NA	RP11-543C	chr14	+	1E+08	1E+08	1039
ENSG0000(	32.41942	28.52677	0.18447	0.66669	0.74943	RP11-358N	chr15	+	57592563	57599959	2530
ENSG0000(	85.92185	90.73075	-0.07294	0.77907	0.84148	RP11-18C2	chr12	-	1.21E+08	1.21E+08	1901
ENSG0000(	4.357937	6.29874	-0.50861	0.5389	0.63949	AC005329.	chr19	-	1392169	1396466	3571
ENSG0000(	12.31334	3.692007	1.6439	0.053092	0.093714	FAM13A-AS	chr4	+	89630940	89651254	3210
ENSG0000(	4.970243	9.706686	-0.92015	0.2609	0.35889	CTD-2383N	chr11	-	1.01E+08	1.01E+08	1865
ENSG0000(	122.0091	43.676	1.4707	5.61E-07	2.05E-06	CTD-2653N	chr5	-	36864527	36876759	2589
ENSG0000(	59.365	61.93839	-0.0596	0.87036	0.90959	RP11-453E	chr4	+	68566998	68946670	3352
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-422N	chr8	+	1.11E+08	1.11E+08	3075
ENSG0000(	0.36308	1.234181	-1.1893	0.48408	NA	ATPBD4-AS	chr15	+	35838396	36151202	1477
ENSG0000(	55.50805	30.98547	0.83744	0.010047	0.02112	RP11-159F	chr5	-	43575425	43603332	1040
ENSG0000(	3.786708	2.711133	0.43211	0.67512	0.75664	BCKDHA	chr19	+	41856758	41930910	2103
ENSG0000(	0.36308	5.597895	-3.3115	0.011797	0.024409	INSL3	chr19	-	17927321	17932383	899
ENSG0000(	10.33266	1.326428	2.7079	0.006553	0.014257	RP11-709A	chr12	-	27699983	27705706	2639
ENSG0000(	77.05193	55.53947	0.46354	0.1563	0.2352	CTC-338M1	chr5	+	1.81E+08	1.81E+08	549
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTD-2218K	chr5	+	82120703	82121003	301
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-78C3	chr5	-	82215195	82216938	745
ENSG0000(	0.290301	1.073121	-0.88899	0.61676	NA	RP11-791(	chr4	-	83501270	83502537	1268
ENSG0000(	0.653381	1.012429	-0.44082	0.78495	NA	RP11-752[	chr4	+	53811816	53824254	2517
ENSG0000(	40.10245	30.13901	0.40562	0.40413	0.50897	SMURF2P1	chr17	+	28927814	28942998	570
ENSG0000(	86.29095	73.40211	0.23223	0.45336	0.55883	RRN3P1	chr16	-	21807951	21831731	2608
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	CTB-73N10	chr5	+	1.45E+08	1.45E+08	654
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTD-2012J	chr5	+	1598242	1598362	121
ENSG0000(	0	169.2591	-8.8559	2.12E-16	1.50E-15	CT49	chr5	+	12574969	12804475	1319
ENSG0000(	1.628766	0	2.1781	0.19145	NA	RP11-446J:	chr4	+	16402053	16513810	435
ENSG0000(	0.653381	0	0.82678	0.64037	NA	RP11-324J	chr4	-	43459544	43494560	582
ENSG0000(	0.342542	3.466222	-2.5888	0.074921	0.12637	RP11-650J	chr4	-	1.14E+08	1.14E+08	1176
ENSG0000(	0.72616	0	0.85004	0.63064	NA	HSPA8P11	chr8	+	30094898	30098513	1898
ENSG0000(	7.386782	3.798823	0.90464	0.32514	0.42805	RP11-499E	chr4	-	1.03E+08	1.03E+08	673
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP11-148L	chr4	-	1.75E+08	1.75E+08	1328
ENSG0000(	47.26055	47.62367	-0.00223	0.99456	0.99685	CTC-428G2	chr5	-	1.15E+08	1.15E+08	2231

ENSG0000(	1.411244	1.66715	-0.20807	0.88614	0.92043	GAPDHP60	chr4	+	88128244	88129238	995
ENSG0000(	0.290301	0	0.4146	0.81455	NA	CTD-2049C	chr5	+	62597350	62597883	300
ENSG0000(	11.64024	0	5.1661	2.74E-05	8.34E-05	RP11-184M	chr4	-	1.29E+08	1.29E+08	1623
ENSG0000(	0	1.188058	-1.268	0.47398	NA	RP11-442P	chr4	+	15744819	15745205	387
ENSG0000(	0.580602	0.297015	0.36801	0.83644	NA	ATG10-AS1	chr5	-	81368874	81369521	648
ENSG0000(	2.31385	3.336716	-0.47454	0.65342	0.73848	RP11-476C	chr4	+	88087996	88088886	891
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-115A	chr4	+	1.11E+08	1.11E+08	571
ENSG0000(	5.862498	2.543625	1.0673	0.28827	0.38985	RP4-671G1	chr1	+	1.13E+08	1.13E+08	1459
ENSG0000(	8.059888	0.297015	3.8531	0.002191	0.00515	RP11-455B	chr5	+	97217124	97258399	705
ENSG0000(	0.653381	3.399825	-1.9062	0.17215	0.25471	RP11-739P	chr4	+	1.85E+08	1.85E+08	622
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-153M	chr4	+	1.55E+08	1.55E+08	1082
ENSG0000(	20.89124	17.21692	0.27804	0.55011	0.64986	CICP16	chr4	-	1.2E+08	1.2E+08	2813
ENSG0000(	1.576526	19.10099	-3.3576	3.22E-05	9.72E-05	RP11-722M	chr4	-	36498159	36643522	788
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-648M	chr5	-	37505790	37506959	1170
ENSG0000(	0.975385	0.297015	0.91901	0.59525	NA	STX18-IT1	chr4	-	4477848	4483427	542
ENSG0000(	1.991846	0.937167	0.8641	0.52262	0.62516	CTB-174D1	chr5	+	1.68E+08	1.68E+08	1489
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-83C7	chr4	+	38368535	38387380	500
ENSG0000(	0.653381	0	0.82678	0.64037	NA	RP11-366M	chr4	+	1.66E+08	1.66E+08	523
ENSG0000(	0.72616	0.640152	0.083249	0.96152	NA	KRT8P4	chr8	-	90424850	90427300	1454
ENSG0000(	0.290301	0	0.4146	0.81455	NA	CTD-2108C	chr5	-	38429994	38430262	269
ENSG0000(	2.520208	0.343138	2.1738	0.14875	0.22542	RP11-159F	chr5	+	43515376	43525412	512
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-556I	chr4	-	1.06E+08	1.06E+08	575
ENSG0000(	0	3.631315	-3.0853	0.058422	0.10205	RP11-93K2	chr3	-	1.3E+08	1.3E+08	713
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	CTB-49A3.2	chr5	+	1.32E+08	1.33E+08	570
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-598C	chr4	+	1.77E+08	1.77E+08	425
ENSG0000(	6.007242	0	4.1622	0.002187	0.005142	AC092597.	chr4	-	47558748	47562276	601
ENSG0000(	2.729171	4.022992	-0.51865	0.61652	0.70787	OCIAD1-AS	chr4	-	48854025	48862220	265
ENSG0000(	1.213446	2.261179	-0.69437	0.6263	0.71635	RP11-834C	chr12	+	54452038	54516018	3942
ENSG0000(	1.213446	0	1.5515	0.38249	NA	RP11-402C	chr4	+	1.83E+08	1.83E+08	286
ENSG0000(	0.290301	12.21225	-4.3479	0.000567	0.00146	CTC-499J9.	chr5	-	1.11E+08	1.11E+08	565
ENSG0000(	126.121	99.63958	0.34086	0.13676	0.21002	CTC-338M1	chr5	+	1.81E+08	1.81E+08	807
ENSG0000(	4.294532	3.100394	0.44957	0.64498	0.73186	RP11-463M	chr17	-	46952222	46986345	738
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTD-2218G	chr5	+	32947549	32962573	2008
ENSG0000(	1.576526	7.6106	-2.0621	0.029532	0.055999	RP11-33B1	chr4	-	1.2E+08	1.2E+08	356
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-112L	chr4	-	82654539	82655361	823
ENSG0000(	0	3.792375	-3.3785	0.025979	0.049955	RP11-473D	chr4	-	42563474	42564442	969
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-158J	chr5	-	63253720	63276870	219
ENSG0000(	7.780752	2.338857	1.6302	0.066568	0.1141	CTD-2194F	chr5	+	64505748	64506775	737
ENSG0000(	0	1.995719	-2.4883	0.12386	0.19391	TNXA	chr6	-	31976391	31980249	2038
ENSG0000(	13.44285	14.63449	-0.10798	0.86802	0.90805	CTC-454M9	chr5	+	88179145	88762215	1754
ENSG0000(	4.325421	3.397409	0.3386	0.75692	0.82323	RP11-713M	chr8	+	1.22E+08	1.22E+08	1973
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-205M	chr4	-	1.71E+08	1.71E+08	4365
ENSG0000(	1.359003	0.357707	1.3815	0.39154	NA	RP11-213H	chr5	-	90598846	90610219	2672
ENSG0000(	61.77649	266.3653	-2.0762	1.00E-06	3.59E-06	RP11-366M	chr4	+	1.66E+08	1.66E+08	2602
ENSG0000(	691.8708	1018.408	-0.55669	2.86E-06	9.76E-06	CDK11B	chr1	-	1570603	1590473	2384
ENSG0000(	29.76384	7.660012	1.8773	0.002868	0.006633	WHAMMP2	chr15	+	28982729	29002537	2962
ENSG0000(	1.016461	2.56061	-1.0842	0.44699	0.55246	RP11-293A	chr4	-	26875183	26875971	743
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-1134	chr8	-	48001195	48110484	1474
ENSG0000(	1.660469	7.6106	-2.0007	0.049595	0.088364	RP11-557J	chr4	-	1.47E+08	1.47E+08	745
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	LINC00504	chr4	-	14475711	14889793	1050
ENSG0000(	11.53576	34.42417	-1.5514	0.000711	0.001803	CTB-129O4	chr5	+	1.8E+08	1.8E+08	393
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CTC-347C2	chr5	-	71869947	71956496	594
ENSG0000(	1.016461	10.54349	-3.1018	0.001854	0.004407	RP11-177B	chr4	-	53586248	53586998	751
ENSG0000(	101.7432	118.9469	-0.22812	0.34845	0.45264	PCDHAC1	chr5	+	1.4E+08	1.4E+08	5299
ENSG0000(	3.330311	0	3.2631	0.028727	0.054622	RP11-313E	chr4	+	1.78E+08	1.78E+08	332
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	CTD-2015A	chr5	-	81841681	81842129	449
ENSG0000(	4.866575	6.162786	-0.34515	0.6988	0.7757	FOSL1P1	chr4	+	1.29E+08	1.29E+08	816
ENSG0000(	0	1.309443	-1.6539	0.35008	NA	RP11-503M	chr4	+	2465524	2465851	220
ENSG0000(	0.632843	0.357707	0.4993	0.77637	NA	RP11-576M	chr4	+	84168332	84169359	1028
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-19O2	chr5	-	16192197	16192818	622
ENSG0000(	0	2.66501	-2.877	0.067583	0.11559	PRR5-ARHG	chr22	+	45098113	45258586	2043
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-452C	chr4	+	80584915	80617991	741
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	KB-1269D1	chr22	+	23734958	23736026	629
ENSG0000(	3.579537	4.792651	-0.39004	0.69956	0.7763	GAPDHP61	chr15	-	64820866	64821870	1005
ENSG0000(	2.177666	2.652857	-0.21968	0.87247	0.91093	RP11-1191	chr4	-	716064	717823	569

ENSG0000(	1.681007	1.355566	0.2643	0.83989	0.88763	RP11-235P	chr8	-	15546423	15547071	649
ENSG0000(	9.84619	0.343138	4.0809	0.000988	0.002452	RP11-597D	chr4	+	1.59E+08	1.59E+08	2917
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-269F	chr4	-	1.13E+08	1.13E+08	300
ENSG0000(	0.685084	0	0.85004	0.63064	NA	CTD-2536I	chr15	-	95819690	95870358	1384
ENSG0000(	67.60648	151.3129	-1.1533	2.65E-05	8.10E-05	CTB-118N6	chr5	+	1.16E+08	1.16E+08	862
ENSG0000(	7.935682	6.671016	0.24219	0.73548	0.80486	PCDHGB8P	chr5	+	1.41E+08	1.41E+08	2367
ENSG0000(	0	2.696564	-2.9337	0.058159	0.10164	AC004510.	chr19	-	15947287	15947865	579
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-321E	chr5	+	17404128	17441803	687
ENSG0000(	0.632843	0	0.81931	0.64303	NA	RP11-553P	chr4	-	1.36E+08	1.36E+08	770
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-419C	chr5	-	12914180	13032998	270
ENSG0000(	9.555075	0.297015	4.0887	0.000899	0.002247	AL139147.	chr1	-	67131547	67142710	1156
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-640B	chr4	-	36066682	36067348	667
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	RP11-517B	chr3	+	1.31E+08	1.31E+08	575
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	DDX11L9	chr15	-	1.03E+08	1.03E+08	1653
ENSG0000(	0.342542	1.964165	-1.7256	0.29003	0.39159	RP11-479C	chr5	-	58037408	58112926	641
ENSG0000(	16.41008	7.685861	1.0786	0.065222	0.11218	BACH1-IT1	chr21	+	30723955	30734215	821
ENSG0000(	2.914991	2.696564	0.11957	0.90737	0.93619	RP11-848G	chr5	+	68902926	68919876	1073
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-3G2C	chr8	+	1.23E+08	1.23E+08	339
ENSG0000(	2.012384	0	2.4635	0.13092	0.20286	RP11-807H	chr4	+	66567920	66571271	385
ENSG0000(	1.359003	1.326428	0.016616	0.99065	0.9952	POU5F2	chr5	-	93075976	93077309	1334
ENSG0000(	0	14.83764	-5.5056	5.89E-06	1.95E-05	PCP4L1	chr1	+	1.61E+08	1.61E+08	1424
ENSG0000(	89.34213	33.50969	1.4011	1.09E-05	3.46E-05	ABHD14A	chr3	+	52005442	52015212	1064
ENSG0000(	7.386782	0.891044	2.6085	0.021269	0.04172	CTD-2007H	chr5	+	98264875	98330717	478
ENSG0000(	0.705622	0	0.8807	0.6196	NA	CTD-3007L	chr5	-	27412720	27436518	491
ENSG0000(	1.8154	0	1.7256	0.33328	NA	RP11-125C	chr4	-	1.28E+08	1.28E+08	645
ENSG0000(	0.580602	2.38498	-1.515	0.30245	0.40372	LNX1-AS2	chr4	+	54459123	54470214	628
ENSG0000(	4.326234	3.725978	0.20635	0.82342	0.87538	RP5-1000K	chrX	+	77166238	77220387	2363
ENSG0000(	20.80053	56.27684	-1.4162	0.001462	0.003538	RP11-521C	chr15	+	40331512	40359491	2317
ENSG0000(	0	15.62832	-5.5826	3.71E-06	1.25E-05	RP11-9B6.2	chr4	-	93218402	93225329	592
ENSG0000(	1.991846	1.248751	0.53293	0.68733	0.7669	CTC-338M1	chr5	-	1.81E+08	1.81E+08	456
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP11-265C	chr4	+	4323689	4335909	1416
ENSG0000(	0	1.606458	-1.9287	0.27074	NA	RP11-174F	chr4	-	1.51E+08	1.51E+08	998
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	SBF1P1	chr8	-	56362069	56367699	5631
ENSG0000(	1084.018	2562.847	-1.239	7.43E-18	5.66E-17	MTATP6P1	chr1	+	569076	569756	681
ENSG0000(	0	2.482932	-2.7317	0.090975	0.14912	RP11-517B	chr3	+	1.31E+08	1.31E+08	733
ENSG0000(	0.685084	0	0.85004	0.63064	NA	CTD-2130F	chr5	+	37953504	37967066	487
ENSG0000(	0.705622	0	0.8807	0.6196	NA	CTD-2201E	chr5	+	9363387	9422593	391
ENSG0000(	13.59182	4.05213	1.6721	0.023196	0.045133	RP11-10A1	chr8	+	9046521	9060364	699
ENSG0000(	0.290301	0	0.4146	0.81455	NA	CTD-2194L	chr5	-	37899465	37920971	540
ENSG0000(	9.906177	214.6017	-4.365	4.80E-34	7.10E-33	RP11-247C	chr15	-	74418256	74421619	2924
ENSG0000(	0	1.280305	-1.6305	0.35731	NA	NPM1P41	chr4	-	82931818	82934248	831
ENSG0000(	11.03649	3.50993	1.5321	0.07943	0.13268	CTB-47B11	chr5	-	1.57E+08	1.57E+08	1932
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	ANP32C	chr4	-	1.65E+08	1.65E+08	705
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-468N	chr4	-	69749603	69750158	556
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	OTX2-AS1	chr14	+	57279901	57618895	2428
ENSG0000(	3.46389	2.621302	0.37226	0.73085	0.80122	RP11-159F	chr5	+	43511160	43521913	572
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	RP11-61G2	chr5	-	89454156	89585888	561
ENSG0000(	3.527296	0	3.2936	0.029826	0.056464	RP11-390G	chr3	+	1.26E+08	1.26E+08	528
ENSG0000(	6.607568	9.993164	-0.54767	0.45047	0.55609	RP11-215P	chr5	+	1.34E+08	1.34E+08	520
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	CTB-14A14	chr5	+	1.81E+08	1.81E+08	1569
ENSG0000(	1.628766	4.80722	-1.4135	0.17946	0.26353	RP11-478C	chr4	-	331886	332372	487
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTC-362D1	chr5	-	1.46E+08	1.46E+08	1220
ENSG0000(	2.789971	2.56061	0.11527	0.9238	0.94869	CTC-512J14	chr5	-	79646840	79647775	936
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	RP11-768B	chr4	+	1.54E+08	1.54E+08	2371
ENSG0000(	1.555988	0	1.8901	0.28116	NA	EGFLAM-AS	chr5	-	38399916	38403515	539
ENSG0000(	0	1.309443	-1.6539	0.35008	NA	RP11-834C	chr12	+	54556923	54562379	403
ENSG0000(	0.653381	0	0.82678	0.64037	NA	RP11-241F	chr4	-	49488943	49491571	670
ENSG0000(	0.705622	2.529055	-1.5471	0.26303	0.3612	RP11-90P5	chr8	-	38059217	38061756	791
ENSG0000(	0.72616	0	0.85004	0.63064	NA	CTD-2516K	chr5	-	56613816	56615847	2032
ENSG0000(	27.82244	11.82541	1.2146	0.023859	0.046265	GDNF-AS1	chr5	+	37840540	37875901	2913
ENSG0000(	0.290301	8.440951	-3.9171	0.001802	0.004295	GLDCP1	chr4	+	57459170	57461847	2678
ENSG0000(	4.128436	8.689426	-1.003	0.22258	0.31483	TMEM110-	chr3	-	52867137	52931578	5280
ENSG0000(	58.67291	37.36189	0.64582	0.031949	0.060005	DSTNP2	chr12	+	6993846	6994950	1105
ENSG0000(	5.394936	3.930745	0.41373	0.62537	0.71554	RP11-844P	chr5	-	1.76E+08	1.76E+08	3632
ENSG0000(	0	1.073121	-1.1788	0.50551	NA	RP11-259C	chr5	-	1963723	1967268	490

ENSG0000(	0.36308	0.640152	-0.51156	0.77091	NA	RP11-302J.	chr8	+	1.02E+08	1.02E+08	1948
ENSG0000(	45.06397	9.001009	2.2573	7.84E-06	2.55E-05	RP3-412A9	chr22	+	31497862	31500743	2608
ENSG0000(	0	108.7118	-8.2486	4.93E-14	3.03E-13	CTD-2306N	chr5	-	25404842	25446034	638
ENSG0000(	0.632843	0.357707	0.4993	0.77637	NA	RP11-158I.	chr3	+	1.26E+08	1.26E+08	379
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-206P	chr4	+	25506619	25508297	1679
ENSG0000(	6.483362	0	4.2961	0.001291	0.003148	HSPA8P4	chr5	+	1.29E+08	1.29E+08	1920
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-468N	chr4	-	69766369	69766628	260
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTB-1I21.2	chr5	+	1.36E+08	1.36E+08	715
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-93K2	chr3	-	1.3E+08	1.3E+08	241
ENSG0000(	0	1.874334	-2.1429	0.21634	NA	RP11-5N11	chr5	+	31657325	31665174	543
ENSG0000(	0.943682	0	1.2438	0.48556	NA	GAPDHP40	chr5	-	1.59E+08	1.59E+08	1006
ENSG0000(	0	1.387121	-1.6961	0.33794	NA	RP11-428L	chr4	-	93754836	93759993	349
ENSG0000(	3.22583	0.343138	2.5322	0.077141	0.12953	RP11-154F	chr4	+	1.58E+08	1.58E+08	267
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-425E	chr5	+	1.25E+08	1.25E+08	643
ENSG0000(	1.411244	1.294874	0.066263	0.96225	0.97762	RP11-366N	chr4	-	1.66E+08	1.66E+08	1416
ENSG0000(	0	2.65044	-2.9164	0.059842	0.10422	RP11-768F	chr12	-	1.2E+08	1.2E+08	695
ENSG0000(	9.327201	5.987157	0.5956	0.43516	0.54066	HMGA1P2	chr4	+	73964539	73964862	324
ENSG0000(	2.334388	1.744828	0.37734	0.76308	0.82803	RP11-485N	chr5	+	1.32E+08	1.32E+08	247
ENSG0000(	0	16.22067	-5.604	4.20E-06	1.41E-05	CTC-504A5	chr5	+	1.17E+08	1.17E+08	617
ENSG0000(	2.80195	0.654722	1.6163	0.27066	0.36979	CTC-498J1.	chr5	-	68408939	68432221	946
ENSG0000(	4.076195	4.675298	-0.15875	0.86557	0.90642	RP11-56D1	chr9	-	1.3E+08	1.3E+08	759
ENSG0000(	1.306762	6.861215	-2.1486	0.044059	0.079664	OXCT1-AS1	chr5	+	41870132	41871059	499
ENSG0000(	6.5039	14.93634	-1.1551	0.055231	0.096979	CTD-2313N	chr11	-	71505409	71524905	2165
ENSG0000(	2.873915	0	2.7517	0.098835	0.15989	CTD-2044J	chr5	-	6686438	6707824	3364
ENSG0000(	0.653381	0	0.82678	0.64037	NA	ARHGAP22	chr10	-	49718568	49719632	470
ENSG0000(	13.91383	6.130359	1.0698	0.31068	0.4126	HAS2-AS1	chr8	+	1.23E+08	1.23E+08	1656
ENSG0000(	9.131195	1.294874	2.548	0.010632	0.022222	RP11-84A1	chr4	-	62937470	63031272	606
ENSG0000(	0.72616	0.357707	0.52227	0.76959	NA	RP11-18D7	chr4	-	1.84E+08	1.84E+08	444
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	AC011406.	chr5	-	1.49E+08	1.49E+08	370
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	TOX4P1	chr4	+	1.13E+08	1.13E+08	1862
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-341G	chr4	+	14113592	14141676	1984
ENSG0000(	0.943682	0	1.2438	0.48556	NA	AC006023.	chr7	+	40191212	40193750	1480
ENSG0000(	18.17405	34.09802	-0.89669	0.034242	0.063899	CCDC153	chr11	-	1.19E+08	1.19E+08	1701
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-766F	chr4	-	1.01E+08	1.01E+08	10086
ENSG0000(	1.733248	3.426547	-0.85245	0.4944	0.59822	RP11-1079	chr17	+	47438527	47447360	601
ENSG0000(	5.871057	0	4.1364	0.002362	0.005526	RP11-377G	chr4	-	81104434	81111323	566
ENSG0000(	1.027626	0	1.1491	0.51623	NA	AC063976.	chr5	-	1.32E+08	1.32E+08	463
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	NPHP3-AS1	chr3	+	1.32E+08	1.33E+08	2972
ENSG0000(	0.290301	0	0.4146	0.81455	NA	CTC-236F1.	chr5	-	55753622	55777773	656
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-531A	chr5	-	5395491	5396070	580
ENSG0000(	0.290301	1.355566	-1.3811	0.39332	NA	EGFLAM-AS	chr5	-	38282366	38291088	1579
ENSG0000(	0	2.058828	-1.8947	0.28782	0.38931	AC090103.	chr8	-	25798739	25801385	2645
ENSG0000(	3.725094	3.037286	0.26002	0.8197	0.87328	CTD-2260A	chr5	+	96120481	96121703	993
ENSG0000(	1.286224	0.640152	0.76496	0.6103	0.70288	R3HDM2P1	chr4	+	1.34E+08	1.34E+08	1960
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-87E2	chr8	+	22735485	22745535	3879
ENSG0000(	2.31385	10.91576	-2.1121	0.010459	0.021902	RP11-328K	chr4	+	1.04E+08	1.04E+08	527
ENSG0000(	5.965187	563.6262	-6.2213	1.17E-14	7.49E-14	ACTN3	chr11	+	66313866	66330800	3084
ENSG0000(	0	2.338857	-2.7203	0.085631	0.14161	RP11-131K	chr4	+	93805814	93806258	445
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CTD-2193G	chr5	-	1.03E+08	1.03E+08	432
ENSG0000(	0.36308	0.640152	-0.51156	0.77091	NA	CTD-2215E	chr5	-	96523794	96537584	193
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-292D	chr4	+	1.48E+08	1.48E+08	524
ENSG0000(	1.359003	2.338857	-0.69138	0.56978	0.66697	RP11-231L	chr3	+	1.41E+08	1.41E+08	393
ENSG0000(	9.0977	17.22424	-0.89701	0.1755	0.25872	RP11-798N	chr4	-	1.74E+08	1.74E+08	521
ENSG0000(	3.64115	0	3.4049	0.020363	0.040101	RP11-53O1	chr5	+	44753051	44765846	591
ENSG0000(	0	8.767103	-4.7478	0.000214	0.000584	RP11-632F	chr4	+	40788127	40788727	601
ENSG0000(	0.995923	0.357707	1.0227	0.53712	NA	HIGD1AP1	chr4	+	1.11E+08	1.11E+08	282
ENSG0000(	7.758422	2.618886	1.4409	0.13589	0.20899	RP11-666A	chr3	-	1.26E+08	1.26E+08	427
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTD-2165H	chr5	+	14620129	14621422	1294
ENSG0000(	1.359003	0.640152	0.80743	0.58991	0.68514	CTD-2248H	chr5	-	80538149	80538418	270
ENSG0000(	1.048164	0.715414	0.37283	0.82507	NA	RP11-173E	chr4	+	1.39E+08	1.39E+08	1238
ENSG0000(	0	14.89021	-5.5299	4.02E-06	1.35E-05	RP11-664D	chr8	-	69215703	69243726	1600
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	RP11-287J	chr5	+	65918696	65919005	310
ENSG0000(	71.42212	6.378834	3.4302	2.31E-12	1.28E-11	RP11-362F	chr4	-	1.42E+08	1.42E+08	2839
ENSG0000(	0.870904	0	1.046	0.5544	NA	RP11-18D7	chr4	-	1.84E+08	1.84E+08	518
ENSG0000(	0	1.638012	-2.1885	0.18912	NA	RP11-562F	chr4	-	93103628	93105203	1576

ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-673E	chr4	+	1.45E+08	1.45E+08	832
ENSG0000(	39.80278	45.00895	-0.1693	0.6505	0.73627	RP5-955M:	chr20	-	49620194	49624577	3722
ENSG0000(	69.47297	148.1503	-1.0896	6.70E-05	0.000195	AL357673.	chr1	-	54635333	54637997	2665
ENSG0000(	3.257533	2.24661	0.47262	0.65654	0.74122	RP11-357G	chr4	+	3314239	3314785	324
ENSG0000(	0.342542	1.326428	-1.2461	0.46257	NA	RP11-357G	chr4	-	3325704	3326489	786
ENSG0000(	3.423628	0	3.2667	0.029951	0.056675	RP11-626H	chr11	-	69902336	69911477	1755
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTD-2016C	chr5	-	65502040	65505275	562
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	PPBPP2	chr4	-	74919755	74921116	1362
ENSG0000(	0.580602	0.594029	-0.01451	0.9935	NA	AC006427.	chr4	+	16309079	16309790	712
ENSG0000(	4.721017	0.715414	2.3292	0.07091	0.12051	RP11-100L	chr8	-	93711970	93891730	4282
ENSG0000(	0	10.37598	-4.9859	7.86E-05	0.000227	RP11-375B	chr5	+	1.76E+08	1.76E+08	560
ENSG0000(	5.964374	4.721421	0.32309	0.70313	0.77919	RP11-83A2	chr4	-	1.4E+08	1.4E+08	997
ENSG0000(	0.36308	0.951736	-0.91212	0.59701	NA	AC121336.	chr12	-	40223927	40229562	436
ENSG0000(	28.95374	10.79679	1.3885	0.005348	0.011845	USP46-AS1	chr4	+	53525573	53527835	1048
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	CTD-2015A	chr5	-	81882595	81883230	636
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-344G	chr4	+	1.72E+08	1.72E+08	3601
ENSG0000(	1.233984	2.200487	-0.65347	0.64996	0.73586	SERBP1P6	chr5	-	42465502	42468970	932
ENSG0000(	0.72616	0	0.85004	0.63064	NA	C5orf17	chr5	+	23951457	24178372	1984
ENSG0000(	0.870904	2.010288	-0.88946	0.5446	0.64491	RP11-950K	chr5	-	1.18E+08	1.18E+08	1271
ENSG0000(	58.59158	4.68013	3.5596	2.53E-10	1.22E-09	HHIP-AS1	chr4	-	1.46E+08	1.46E+08	1094
ENSG0000(	2.003011	4.573314	-0.99379	0.4572	0.56251	CTD-2135J:	chr8	+	10586824	10628902	821
ENSG0000(	0.342542	1.029414	-0.83909	0.63652	NA	CTD-2288C	chr5	-	51971027	52083860	593
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AP000867.	chr11	+	71279726	71279980	255
ENSG0000(	352.7583	98.50328	1.8351	9.61E-27	1.08E-25	FMN1	chr15	-	33057747	33486897	12355
ENSG0000(	4.180677	3.725978	0.17358	0.855	0.89801	HMGB1P21	chr5	-	77940088	77940668	581
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-171N	chr4	+	1.58E+08	1.58E+08	947
ENSG0000(	1.08924	1.387121	-0.25589	0.87587	0.91383	NUP210P3	chr3	-	1.29E+08	1.29E+08	388
ENSG0000(	1.048164	0.937167	0.082641	0.95805	0.97466	ATP5J2-PT(	chr7	-	99017372	99063787	2491
ENSG0000(	3.765356	14.99703	-1.8732	0.009392	0.019829	MTND5P11	chr5	-	1.34E+08	1.34E+08	1812
ENSG0000(	3.443352	0.700845	1.9629	0.13531	0.20832	CTD-2083E	chr5	-	269973	271631	522
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-777B	chr4	-	78879154	78879934	781
ENSG0000(	2.250445	5.512097	-1.1265	0.32061	0.42346	CTD-2334D	chr5	+	1.2E+08	1.2E+08	1114
ENSG0000(	26.73141	27.98377	-0.06359	0.8799	0.91625	RP11-319G	chr3	+	1.39E+08	1.39E+08	602
ENSG0000(	0.36308	1.326428	-1.249	0.46108	NA	RP11-36B1	chr4	-	37589709	37590497	534
ENSG0000(	1.016461	0	1.3167	0.46021	NA	RP11-661C	chr5	+	946430	956635	559
ENSG0000(	0.290301	2.618886	-2.1293	0.18113	0.26572	RP11-304F	chr17	+	47964961	47978257	1816
ENSG0000(	0.290301	0	0.4146	0.81455	NA	HMGB1P44	chr4	+	78885094	78885665	572
ENSG0000(	1.991846	0.297015	1.8936	0.2158	0.30683	ZSWIM5P3	chr4	-	1.3E+08	1.3E+08	2743
ENSG0000(	2.738544	0.951736	1.2319	0.35651	0.46077	RP11-94H1	chr8	-	29672520	29712059	1867
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CTD-2089C	chr5	-	1.1E+08	1.1E+08	2752
ENSG0000(	3.289235	2.117104	0.57283	0.64024	0.72738	CTD-2256P	chr5	+	10248437	10250027	688
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTD-2113L	chr5	-	35678586	35827120	540
ENSG0000(	14.19215	9.369996	0.58897	0.29922	0.40085	KRT8P46	chr4	-	1.04E+08	1.04E+08	1426
ENSG0000(	0	2.82607	-2.9558	0.060048	0.10453	RP11-445C	chr5	-	4452043	4866334	721
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CTD-2251F	chr14	-	30421603	30766249	922
ENSG0000(	0.36308	3.823929	-2.7569	0.050354	0.089485	LAMTOR3P	chr5	-	1.18E+08	1.18E+08	232
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-87F1	chr4	-	1.77E+08	1.77E+08	610
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-815N	chr4	+	1.6E+08	1.6E+08	717
ENSG0000(	0	4.303021	-3.6613	0.010513	0.022005	RP11-259C	chr5	+	1933977	1959290	718
ENSG0000(	4.035933	1.935026	0.93808	0.36613	0.47081	RP11-1334	chr5	+	1.77E+08	1.77E+08	434
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	WI2-2373I	chr7	+	330617	330787	171
ENSG0000(	0.632843	1.248751	-0.71101	0.65451	NA	RP11-742B	chr4	-	88489187	88655108	821
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-752L	chr4	-	1.48E+08	1.48E+08	598
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-317B	chr4	-	2090445	2092344	1900
ENSG0000(	4.035933	7.729568	-0.89181	0.27092	0.37012	RP11-731D	chr4	+	1.52E+08	1.52E+08	486
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	FTH1P21	chr4	+	1.57E+08	1.57E+08	511
ENSG0000(	0.870904	1.340997	-0.41857	0.78648	0.84735	HMGN2P4	chr5	-	75537849	75538229	381
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-58B2	chr5	+	1.02E+08	1.02E+08	527
ENSG0000(	1.669842	2.041842	-0.24116	0.85284	0.89662	RP11-539G	chr4	-	39715462	39716071	287
ENSG0000(	3.609448	1.638012	1.006	0.37248	0.47691	SNORA58	chr3	-	1.31E+08	1.31E+08	137
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-285C	chr4	+	1.54E+08	1.54E+08	562
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-2H3.:	chr4	+	387323	387447	125
ENSG0000(	2.976604	1.073121	1.1369	0.45486	0.5602	RP5-951N9	chr12	-	1489226	1500668	2088
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	SUMO2P6	chr5	+	1.74E+08	1.74E+08	288
ENSG0000(	4.148974	11.08085	-1.3283	0.075038	0.12655	AC005609.	chr5	-	1.4E+08	1.4E+08	2884

ENSG0000(	19.02702	0.357707	5.0322	9.07E-06	2.93E-05	CTB-113P1	chr5	+	1.51E+08	1.51E+08	1973
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-21G2	chr4	-	1.56E+08	1.56E+08	525
ENSG0000(	84.71778	23.11915	1.8532	1.91E-06	6.66E-06	CTD-2015H	chr5	-	79778112	79783882	1151
ENSG0000(	76.14753	44.29025	0.77851	0.006471	0.014101	RP11-330N	chr9	-	99660348	99711867	548
ENSG0000(	0.342542	0.715414	-0.51272	0.77372	NA	COX6B1P5	chr4	+	2235978	2236226	249
ENSG0000(	0	3.516378	-2.9122	0.082888	0.13771	RP11-419C	chr5	+	12794843	12795634	792
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	MAST4-IT1	chr5	+	65958159	65958816	658
ENSG0000(	2.43887	0	2.4712	0.14712	0.22317	RP11-72L2	chr5	+	86263138	86433529	602
ENSG0000(	0.580602	0	0.8036	0.6494	NA	PCNAP1	chr4	-	1E+08	1E+08	752
ENSG0000(	0.290301	0.640152	-0.50256	0.77558	NA	CTC-287O8	chr5	-	1.09E+08	1.09E+08	565
ENSG0000(	3.817597	3.884622	-0.01709	0.98581	0.99165	RP11-376C	chr4	-	1.78E+08	1.78E+08	753
ENSG0000(	46.30733	11.09468	1.9864	0.000722	0.001831	C1orf213	chr1	+	23695490	23698332	2547
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTD-2325A	chr5	-	42892421	42892919	499
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	RP1-7G5.6	chr12	+	1.1E+08	1.1E+08	728
ENSG0000(	0.653381	0.357707	0.52032	0.76705	NA	RP11-290F	chr4	-	1.85E+08	1.85E+08	2040
ENSG0000(	0	1.638012	-2.1885	0.18912	NA	RP11-39E3	chr3	-	1.31E+08	1.31E+08	572
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTD-2218K	chr5	+	82061223	82062152	930
ENSG0000(	0.705622	1.234181	-0.63076	0.69086	0.76952	RP11-43D2	chr5	+	1.24E+08	1.24E+08	832
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-5N11	chr5	+	31738376	31738767	392
ENSG0000(	415.2326	606.6331	-0.54588	0.000294	0.000788	HAUS5	chr19	+	36103646	36116251	4462
ENSG0000(	0	25.0727	-6.2497	7.14E-08	2.82E-07	CTD-2194D	chr5	+	1884080	1884763	425
ENSG0000(	0.342542	3.2299	-2.536	0.076326	0.12833	MTND6P4	chr5	+	1.34E+08	1.34E+08	522
ENSG0000(	3.443352	13.79037	-1.8746	0.013963	0.028476	SUDS3P1	chr5	+	1.77E+08	1.77E+08	966
ENSG0000(	3.869838	0.297015	2.7678	0.053667	0.094599	CTB-35F21.	chr5	-	1.39E+08	1.39E+08	412
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-701P	chr4	-	1.86E+08	1.86E+08	751
ENSG0000(	2.427705	1.355566	0.71405	0.56662	0.66435	PRDX2P3	chr5	+	1.79E+08	1.79E+08	586
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-514C	chr6	-	1.67E+08	1.67E+08	600
ENSG0000(	1.016461	0	1.3167	0.46021	NA	CTD-2290P	chr5	+	32522864	32523971	1108
ENSG0000(	0	1.66715	-1.9695	0.25993	NA	AC006445.	chr4	-	13633444	13634223	472
ENSG0000(	0	2.589748	-2.8794	0.06476	0.11148	CTC-472C2	chr5	-	1.16E+08	1.16E+08	553
ENSG0000(	0	222.0931	-9.2122	1.12E-17	8.50E-17	RP11-562F	chr4	-	93189918	93198226	616
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-432N	chr5	+	17611099	17611692	594
ENSG0000(	283.1312	231.662	0.28837	0.16644	0.24766	PCDHA11	chr5	+	1.4E+08	1.4E+08	5257
ENSG0000(	1.048164	3.365854	-1.4629	0.24412	0.33973	CTB-118N6	chr5	+	1.16E+08	1.16E+08	482
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-124N	chr5	-	18965970	19142455	660
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CTC-484P3	chr5	+	94124494	94129304	1940
ENSG0000(	0.72616	0	0.85004	0.63064	NA	CTC-506B8	chr5	-	96076783	96078402	565
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-423H	chr5	-	1.77E+08	1.77E+08	547
ENSG0000(	0.653381	2.855208	-1.6714	0.25097	0.34763	RP11-556C	chr8	+	8011830	8074438	999
ENSG0000(	0.290301	3.008147	-2.4546	0.090452	0.1484	CTB-36O1.3	chr5	-	1.34E+08	1.34E+08	135
ENSG0000(	0.870904	0.343138	0.71634	0.68735	NA	HSPD1P5	chr4	+	1.46E+08	1.46E+08	1720
ENSG0000(	0	1.372552	-1.3974	0.43145	NA	AC010127.	chr2	-	1.67E+08	1.67E+08	704
ENSG0000(	0	1.370136	-1.6825	0.34201	NA	RP11-669N	chr12	+	1.3E+08	1.3E+08	2271
ENSG0000(	0.580602	0	0.8036	0.6494	NA	OR10J9P	chr1	-	1.59E+08	1.59E+08	987
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-473L	chr5	-	44495720	44510384	584
ENSG0000(	4.501703	2.855208	0.53499	0.68164	0.76194	RP11-360F	chr4	-	39114297	39128438	946
ENSG0000(	1.390706	3.870053	-1.3174	0.27178	0.37119	ATP1B1P1	chr4	+	42031226	42032140	915
ENSG0000(	1.887365	1.248751	0.46259	0.75051	0.81757	AC022558.	chr15	+	83684154	83684448	132
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-227F	chr4	-	41690875	41694814	435
ENSG0000(	1.027626	0.654722	0.41397	0.80758	NA	ATP5L2	chr22	-	43035809	43036607	799
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-769N	chr4	+	29048213	29050387	1604
ENSG0000(	0.685084	0.357707	0.4822	0.78686	NA	RP11-452J	chr4	+	16180562	16184743	414
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-376N	chr1	+	84810361	84815622	905
ENSG0000(	0	3.723561	-3.3938	0.022736	0.044303	RP11-428L	chr4	-	93743137	93744069	933
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC069368.	chr15	+	65134082	65223118	1178
ENSG0000(	1.068702	0.357707	1.0016	0.56008	NA	AC195454.	chr4	+	40318502	40332436	957
ENSG0000(	33.20377	39.96137	-0.25673	0.50332	0.60679	TMEM150C	chr4	-	83405743	83483510	1990
ENSG0000(	0.943682	2.102535	-0.87459	0.5508	0.65052	RP11-548H	chr4	-	1.2E+08	1.2E+08	3505
ENSG0000(	0.290301	1.058552	-0.99174	0.56536	NA	RP11-557J	chr4	-	1.47E+08	1.47E+08	1877
ENSG0000(	5.051581	2.027273	1.2115	0.25223	0.34905	AC010226.	chr5	+	1.15E+08	1.15E+08	765
ENSG0000(	0.342542	4.68013	-2.9401	0.040199	0.073715	RP11-665G	chr4	-	15006566	15429538	630
ENSG0000(	0	3.694423	-3.4244	0.019592	0.038739	PGAM1P9	chr11	-	92099662	92100416	755
ENSG0000(	7.04424	1.248751	2.2069	0.034972	0.065101	RP11-468H	chr8	+	16988690	17007298	2292
ENSG0000(	2.302685	7.325738	-1.5471	0.092498	0.15135	EEF1A1P9	chr4	+	1.06E+08	1.06E+08	1383
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	RP5-916L7	chr12	-	1.26E+08	1.26E+08	4972

ENSG0000(	0.685084	0.594029	0.089218	0.95997	NA	RP11-319J:	chr3	+	98501032	98502037	1006
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-8L21	chr5	+	43874469	43886730	339
ENSG0000(	4.762093	1.370136	1.5934	0.16702	0.24832	CTD-2210P	chr5	-	43587020	43588325	994
ENSG0000(	0.705622	0	0.8807	0.6196	NA	CTC-575I1(	chr5	-	73073864	73082316	556
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-241G	chr5	-	68773299	68798293	326
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	FTH1P24	chr4	+	1.4E+08	1.4E+08	462
ENSG0000(	6.245302	0.997859	2.383	0.024843	0.047998	RP11-26P1	chr4	+	1.15E+08	1.15E+08	441
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-267A	chr5	+	1.74E+08	1.74E+08	844
ENSG0000(	1.338465	0.715414	0.69225	0.65865	0.74281	RP11-438E	chr4	+	79892902	80229952	973
ENSG0000(	0.290301	0.997859	-1.0217	0.53916	NA	RP11-153N	chr4	+	1.55E+08	1.55E+08	521
ENSG0000(	0.685084	3.198346	-1.8076	0.19887	0.28721	APOBEC3B-	chr22	-	39387564	39394214	691
ENSG0000(	0.580602	0	0.8036	0.6494	NA	ARL2BPP4	chr5	+	1.3E+08	1.3E+08	471
ENSG0000(	1.048164	0.297015	0.97802	0.57083	NA	AC010468.	chr5	-	1.11E+08	1.11E+08	438
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	OR5H5P	chr3	+	97916055	97916982	928
ENSG0000(	0	4.790235	-3.78	0.008604	0.018309	CTD-2194D	chr5	+	1887446	1900607	1635
ENSG0000(	1.317927	0.297015	1.2497	0.46264	NA	RP11-26J3.	chr8	-	80681607	80783994	2126
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTC-340D7	chr5	-	68128412	68257985	499
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-575F	chr12	-	1.27E+08	1.28E+08	1344
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP3-468B3	chr6	-	33835283	33864691	3151
ENSG0000(	37.76986	17.71628	1.079	0.010166	0.021346	UGDH-AS1	chr4	+	39529639	39596327	2787
ENSG0000(	84.95828	315.4895	-1.8846	2.91E-22	2.72E-21	NPM1P27	chr5	-	93018544	93019373	830
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-21I1(	chr4	-	1.2E+08	1.2E+08	974
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-374A	chr5	-	21323982	21341484	5454
ENSG0000(	2.717192	2.696564	0.045351	0.96954	0.9829	CTB-78O21	chr5	-	1.45E+08	1.45E+08	876
ENSG0000(	0	2.901332	-3.0081	0.053293	0.094014	RP11-434D	chr5	+	66675206	67101066	1556
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	FABP5P12	chr4	+	1.6E+08	1.6E+08	389
ENSG0000(	0.36308	0	0.4146	0.81455	NA	ATP6V1G1I	chr5	+	77518008	77518341	334
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	RP11-650J:	chr4	-	1.14E+08	1.14E+08	427
ENSG0000(	1.701545	3.215331	-0.83962	0.46172	0.56685	RP11-1136	chr8	-	1.29E+08	1.29E+08	3301
ENSG0000(	9.315223	2.788811	1.6336	0.081238	0.13534	RP11-219G	chr4	+	1.89E+08	1.9E+08	2435
ENSG0000(	2.13659	5.378559	-1.1601	0.26988	0.36897	RP1-27K12	chr6	+	53367983	53371717	547
ENSG0000(	0	1.66715	-1.9695	0.25993	NA	RP11-834C	chr12	+	54475902	54496477	528
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-725D	chr4	-	60416860	60496042	558
ENSG0000(	69.89979	101.6029	-0.53316	0.073944	0.12498	RP11-697N	chr8	-	76135639	76236976	1164
ENSG0000(	10.35222	2.38498	1.989	0.025909	0.049838	RP11-893F	chr17	+	48286333	48291820	839
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	IL20RB-AS1	chr3	-	1.37E+08	1.37E+08	562
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-501E	chr4	+	1.22E+08	1.22E+08	544
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-391J	chr4	+	1.76E+08	1.76E+08	2199
ENSG0000(	0	2.66501	-2.877	0.067583	0.11559	CTC-563A5	chr5	+	1.79E+08	1.79E+08	569
ENSG0000(	0.995923	0.951736	0.030362	0.98382	0.99083	RP11-25H1	chr4	+	66864564	67015730	754
ENSG0000(	2.926156	1.652581	0.70763	0.57474	0.67168	RP11-438D	chr3	-	1.41E+08	1.41E+08	422
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC005741.	chr5	+	1.3E+08	1.3E+08	432
ENSG0000(	1.919068	0	2.4151	0.13977	0.21349	RP11-497K	chr4	+	1.63E+08	1.63E+08	1105
ENSG0000(	0.290301	57.30947	-6.5678	3.05E-10	1.46E-09	RP11-346A	chr5	-	1.29E+08	1.29E+08	786
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-502N	chr4	+	1.61E+08	1.62E+08	1417
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	CTC-448D2	chr5	-	1.18E+08	1.18E+08	497
ENSG0000(	2.366091	1.964165	0.21645	0.86739	0.90758	RP11-503N	chr4	+	2451700	2464668	1398
ENSG0000(	133.7032	306.4007	-1.1889	1.65E-09	7.50E-09	CTD-2231H	chr5	+	92266	139978	705
ENSG0000(	12.63616	15.02858	-0.24522	0.63876	0.72643	NAIP	chr5	-	70264310	70320941	6124
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTC-512J14	chr5	+	79584268	79585600	1333
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-94C2	chr17	-	48580773	48585689	349
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	RP13-497K	chr4	+	23781213	23784183	442
ENSG0000(	46.45901	38.47798	0.26975	0.48317	0.58731	RP11-298J:	chr10	+	1.27E+08	1.27E+08	555
ENSG0000(	145.4198	204.4908	-0.48654	0.01948	0.038536	ZNF286B	chr17	-	18561742	18585575	5328
ENSG0000(	2.810509	9.482517	-1.6191	0.055534	0.097425	RP11-93L9	chr4	+	1.25E+08	1.25E+08	5262
ENSG0000(	1.669842	1.638012	0.012948	0.99221	0.99582	RBMXP4	chr4	-	1.1E+08	1.1E+08	1134
ENSG0000(	86.64287	51.24934	0.75371	0.006684	0.014523	ZNF324B	chr19	+	58962971	58969200	3770
ENSG0000(	6.898683	2.604317	1.3042	0.13919	0.21287	CTD-2587N	chr5	-	1.09E+08	1.09E+08	5471
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CTB-49A3.5	chr5	+	1.33E+08	1.33E+08	3142
ENSG0000(	1.722083	0	2.21	0.18654	NA	AC091969.	chr5	-	1.52E+08	1.53E+08	2193
ENSG0000(	1.524285	1.280305	0.20655	0.88921	0.92287	RBBP4P1	chr5	-	14797234	14798509	1276
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-97O1	chr15	-	89128802	89148341	1835
ENSG0000(	1.027626	0.357707	0.84252	0.63507	NA	GAPDHP70	chr11	-	88141347	88142391	1045
ENSG0000(	0.36308	0	0.4146	0.81455	NA	EGFLAM-AS	chr5	-	38425138	38427478	331
ENSG0000(	2.31385	5.497527	-1.1227	0.2772	0.37747	RP11-159F	chr5	+	43484061	43509458	482

ENSG0000(	3.785894	3.397409	0.174	0.85813	0.9004	ANKRD20A	chr21	+	15436646	15441408	492
ENSG0000(	0.72616	0.700845	0.022935	0.98937	NA	CTB-161M	chr5	-	1.18E+08	1.18E+08	812
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-1079	chr17	-	47535223	47539111	1754
ENSG0000(	0.632843	0	0.81931	0.64303	NA	RP11-340B	chr4	+	1.67E+08	1.67E+08	2163
ENSG0000(	3.58891	3.6483	-0.01645	0.98597	0.99173	AC006160.	chr4	-	17589090	17616194	750
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-434H	chr3	+	1.29E+08	1.29E+08	1159
ENSG0000(	3.983692	0	3.5462	0.014052	0.028626	ZEB2P1	chr4	-	16362462	16398946	991
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-402J	chr4	+	1.13E+08	1.13E+08	685
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	RP11-404I	chr4	-	1.34E+08	1.34E+08	462
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	CTD-2201E	chr5	+	42917516	42918086	571
ENSG0000(	0	1.903472	-2.1599	0.21236	NA	CTC-327F1	chr5	-	1.47E+08	1.47E+08	1016
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-718N	chr4	+	3912010	3912331	322
ENSG0000(	7.003165	4.36613	0.64668	0.42898	0.53447	CTB-35F21.	chr5	+	1.39E+08	1.39E+08	568
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-642E	chr4	+	69166043	69168177	868
ENSG0000(	1.213446	50.74843	-5.0321	1.01E-11	5.34E-11	RP11-148B	chr4	-	1.14E+08	1.14E+08	640
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-83C7	chr4	-	38422283	38524801	2059
ENSG0000(	0.975385	0.357707	0.92752	0.59066	NA	RP11-789L	chr3	-	1.41E+08	1.41E+08	322
ENSG0000(	2.520208	43.72132	-3.9393	1.78E-10	8.67E-10	RP11-438N	chr12	-	1.14E+08	1.14E+08	2088
ENSG0000(	0.36308	1.355566	-1.381	0.39134	NA	RCC2P4	chr3	-	1.26E+08	1.26E+08	1042
ENSG0000(	8.466649	21.09342	-1.2935	0.024592	0.04754	SERBP1P5	chr4	-	79102020	79103200	1181
ENSG0000(	1.503747	0	1.8221	0.30126	NA	RP11-234C	chr4	+	1.62E+08	1.62E+08	2840
ENSG0000(	16.03925	6.566617	1.241	0.037946	0.070036	CTD-2203K	chr5	-	33424131	33440725	537
ENSG0000(	0	1.234181	-1.5727	0.37581	NA	AC226118.	chr7	+	419325	422678	2146
ENSG0000(	12.36819	3.504225	1.717	0.057505	0.10056	CTD-2195N	chr5	+	1.27E+08	1.27E+08	297
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-52L1	chr3	-	1.07E+08	1.07E+08	598
ENSG0000(	107.3158	60.08278	0.83353	0.002219	0.005212	RP11-440L	chr4	-	756175	775637	618
ENSG0000(	1.628766	6.267186	-1.769	0.076029	0.1279	CTB-46B19	chr5	+	1.38E+08	1.38E+08	1067
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	AC004878.	chr7	-	74856621	74857439	307
ENSG0000(	10.70512	0	5.0465	5.06E-05	0.00015	RP11-168E	chr4	-	95664951	95678684	511
ENSG0000(	5.81963	19.22882	-1.6711	0.016984	0.034013	RP11-98D1	chr1	-	1.52E+08	1.52E+08	382
ENSG0000(	1.753786	1.058552	0.56901	0.70331	0.77933	RP11-286E	chr4	-	1.09E+08	1.09E+08	3147
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	TRAPPC2P7	chrY	-	20817406	20818076	231
ENSG0000(	11.02793	2.292733	2.1293	0.008362	0.017813	RP11-635L	chr4	-	1.7E+08	1.7E+08	552
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	RP11-422J	chr4	+	1.31E+08	1.31E+08	1777
ENSG0000(	2.831861	0	2.6192	0.12406	0.19414	HMGN1P1	chr5	-	1.11E+08	1.11E+08	138
ENSG0000(	1.411244	0.343138	1.3153	0.43451	NA	CTD-2544H	chr5	-	1.22E+08	1.22E+08	583
ENSG0000(	4.741555	0	3.7845	0.007649	0.016425	RP11-610J	chr4	-	1.7E+08	1.7E+08	448
ENSG0000(	4.253456	0.594029	2.3033	0.075248	0.12681	IFNAR2	chr21	+	34619079	34656082	1363
ENSG0000(	1.681007	15.08686	-2.9825	0.000467	0.001218	RP11-496H	chr3	+	1.97E+08	1.97E+08	1497
ENSG0000(	11.72418	0.343138	4.3403	0.000323	0.000862	RP3-340I3.	chr12	-	1609691	1616484	2417
ENSG0000(	0.580602	1.188058	-0.5972	0.73358	NA	RP11-281P	chr4	+	11627338	11815582	747
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	OR52V1P	chr11	-	5548507	5549404	898
ENSG0000(	1.681007	0.357707	1.6359	0.30139	0.40279	RP11-710F	chr4	-	1.07E+08	1.07E+08	3526
ENSG0000(	4.782631	22.6796	-2.1828	0.001068	0.002635	CTC-329D1	chr5	-	1.4E+08	1.4E+08	549
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTB-138E5.	chr5	+	1.35E+08	1.35E+08	504
ENSG0000(	0.290301	0	0.4146	0.81455	NA	HOXC-AS5	chr12	-	54329112	54333427	1408
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	RP11-436H	chr5	+	1.24E+08	1.24E+08	607
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	MRPS33P2	chr4	-	38008405	38008726	322
ENSG0000(	0.923144	1.326428	-0.36866	0.81128	0.86714	RP11-310P	chr5	-	602735	612325	591
ENSG0000(	10.1373	18.87192	-0.8788	0.21202	0.3025	CTC-325J2	chr5	-	79926132	79927409	549
ENSG0000(	13.74431	0.343138	4.5711	0.000118	0.000333	TNRC18P1	chr4	-	1.42E+08	1.42E+08	3650
ENSG0000(	2.718006	0.715414	1.5707	0.26776	0.3665	CTD-2227C	chr5	-	82308104	82308928	825
ENSG0000(	68.19547	0	7.6388	3.39E-12	1.85E-11	MIR143HG	chr5	+	1.49E+08	1.49E+08	8398
ENSG0000(	183.8709	210.6389	-0.19517	0.31742	0.42011	NOP14-AS1	chr4	+	2936626	2963465	3860
ENSG0000(	0	1.40169	-1.7271	0.32809	NA	RP11-217C	chr4	-	1.67E+08	1.67E+08	934
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-619J	chr4	-	30777879	30795592	180
ENSG0000(	2.229907	0.891044	1.0088	0.48585	0.58984	RP11-279C	chr4	+	1.86E+08	1.86E+08	394
ENSG0000(	1.411244	13.12511	-3.0345	0.000961	0.00239	RP11-423H	chr5	+	1.77E+08	1.77E+08	613
ENSG0000(	4.285159	2.185918	0.84488	0.43199	0.53749	RP11-360F	chr4	+	39135533	39137228	455
ENSG0000(	1.741807	2.993578	-0.60718	0.64932	0.73524	RP11-1336	chr4	+	1.52E+08	1.52E+08	2209
ENSG0000(	0	1.073121	-1.1788	0.50551	NA	RP11-445J	chr3	-	1.34E+08	1.34E+08	883
ENSG0000(	2.976604	1.280305	0.98247	0.47338	0.57796	THEGL	chr4	+	57396775	57469673	1650
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-378A	chr8	-	2447076	2480453	1705
ENSG0000(	0	4.066699	-3.547	0.015001	0.030392	RP11-598F	chr12	-	246577	258335	4913
ENSG0000(	3.153051	0	3.1578	0.038297	0.070624	RP11-415C	chr4	+	27219101	27283847	2802

ENSG0000(	20.07518	14.92418	0.41453	0.39545	0.49993	SRD5A3-AS	chr4	-	56230138	56262009	1617
ENSG0000(	3.184754	5.911895	-0.81633	0.36201	0.46627	ZNF564	chr19	-	12636184	12662356	2935
ENSG0000(	3.455331	0.357707	2.5619	0.07861	0.13158	CTD-2236F	chr5	-	75902433	75904795	1588
ENSG0000(	4.741555	29.01003	-2.561	2.16E-05	6.65E-05	FER1L5	chr2	+	97308474	97370624	6477
ENSG0000(	0.923144	1.903472	-0.79725	0.58941	0.6847	RP3-486L4	chr6	+	88360648	88362932	562
ENSG0000(	0	3.411978	-3.2688	0.029797	0.056423	RP11-83M:	chr5	-	66988640	66989028	389
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTC-430J1:	chr5	+	1.74E+08	1.74E+08	558
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-469L	chr3	-	1.33E+08	1.33E+08	384
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-332J	chr5	+	6795993	6826841	552
ENSG0000(	0	1.309443	-1.6539	0.35008	NA	RP11-83M:	chr5	-	66928094	66942617	641
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP1-167G2	chr5	+	16428645	16432545	458
ENSG0000(	1.265686	0.686276	0.62291	0.7066	0.7819	AC008697.	chr5	+	1.59E+08	1.59E+08	1580
ENSG0000(	6.027779	0.357707	3.4081	0.008977	0.019032	CTD-2127H	chr5	-	38736157	38845931	837
ENSG0000(	1.939605	1.012429	0.78452	0.56698	0.6646	RP11-673E	chr4	-	1.45E+08	1.45E+08	540
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-217E	chr4	-	1.88E+08	1.88E+08	474
ENSG0000(	30.80165	0	6.5409	9.40E-09	4.00E-08	RP11-60A8	chr5	+	72509774	72590761	941
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-254I:	chr5	-	95549050	95550779	652
ENSG0000(	8.403243	8.968582	-0.09753	0.88848	0.92227	ECSCR	chr5	-	1.39E+08	1.39E+08	450
ENSG0000(	1.971308	3.2299	-0.64691	0.55093	0.65064	RP11-415I:	chr12	-	64017568	64189498	275
ENSG0000(	5.113194	1.652581	1.4809	0.15865	0.23805	RP11-466G	chr4	+	89448311	89449321	657
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CTD-2278B	chr5	-	96672562	96672744	183
ENSG0000(	1.660469	0	1.9303	0.27163	NA	AC104650.	chr4	+	8242571	8243530	514
ENSG0000(	1.08924	5.011988	-1.9039	0.14278	0.21752	RP11-1286	chr4	+	9080749	9143334	933
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	MRPS17	chr7	+	55954970	56022932	1732
ENSG0000(	0.290301	0	0.4146	0.81455	NA	CTD-2206G	chr5	+	31923473	31923638	166
ENSG0000(	0.995923	0	1.4959	0.39264	NA	SCARNA22	chr4	+	1976363	1976487	125
ENSG0000(	0.923144	3.38284	-1.5494	0.21715	0.3085	EAF1-AS1	chr3	-	15477678	15485576	950
ENSG0000(	0.653381	0	0.82678	0.64037	NA	RP11-346J	chr5	+	99737145	99744603	563
ENSG0000(	1619.874	9193.068	-2.5026	1.94E-146	2.13E-144	RP11-20D1	chr12	+	8940853	8948385	1972
ENSG0000(	0.36308	2.232041	-2.0241	0.18269	0.26759	CTC-428G2	chr5	+	1.15E+08	1.15E+08	370
ENSG0000(	0.290301	0	0.4146	0.81455	NA	CTD-3179P	chr5	+	1.17E+08	1.18E+08	807
ENSG0000(	0.342542	0	0.4146	0.81455	NA	HSD3BP3	chr1	+	1.2E+08	1.2E+08	994
ENSG0000(	0	1.294874	-1.8547	0.27869	NA	RP11-264E	chr4	-	9585566	9585755	190
ENSG0000(	0.580602	0	0.8036	0.6494	NA	CTD-2199C	chr5	+	10137250	10138477	943
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTD-2029E	chr5	+	3178209	3181346	389
ENSG0000(	0.290301	0.594029	-0.38058	0.83094	NA	RP11-269F	chr4	-	1.13E+08	1.13E+08	583
ENSG0000(	4.947913	2.529055	0.86316	0.37783	0.48195	RP11-311D	chr4	+	1.07E+08	1.07E+08	744
ENSG0000(	6.494527	2.786395	1.1433	0.25373	0.35073	CTD-2201I:	chr5	-	79348197	79379477	2705
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	PGBD4P3	chr5	+	1.48E+08	1.48E+08	581
ENSG0000(	10.58091	5.407697	0.9407	0.17745	0.26111	VCAN-AS1	chr5	-	82827171	82877139	453
ENSG0000(	0.923144	0	1.223	0.49292	NA	CTD-2325B	chr4	-	1.25E+08	1.25E+08	430
ENSG0000(	2.718006	3.916176	-0.50371	0.61398	0.70597	AC011330.	chr15	-	43955852	43976537	3235
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	AC020947.	chr19	+	11696061	11697950	976
ENSG0000(	8.268851	27.028	-1.6773	0.000984	0.002445	RP11-77P1	chr3	+	1.3E+08	1.3E+08	1608
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-212F	chr8	-	10194292	10195187	575
ENSG0000(	0.72616	0.343138	0.52026	0.77047	NA	RP11-1101	chr5	+	1.77E+08	1.77E+08	431
ENSG0000(	0.943682	0.343138	0.89828	0.6031	NA	CTD-2653M	chr5	+	36885308	36886599	1292
ENSG0000(	7.31319	6.529357	0.17792	0.83254	0.88204	AC145676.	chr7	-	227554	229557	2004
ENSG0000(	49.11882	68.97294	-0.48523	0.069617	0.11859	HS3ST5	chr6	-	1.14E+08	1.15E+08	3901
ENSG0000(	20.86296	29.84683	-0.51964	0.25187	0.34866	EEF1A1P19	chr5	-	43495175	43496556	1382
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	CTD-2503C	chr5	-	74213551	74319753	846
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	SNX5P1	chr4	+	77265703	77266743	1041
ENSG0000(	102.3302	233.7082	-1.1891	1.15E-09	5.28E-09	PVT1	chr8	+	1.29E+08	1.29E+08	1699
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	MTRNR2L5	chr10	+	57358750	57360488	1739
ENSG0000(	13.41196	26.93496	-0.97905	0.066296	0.11374	RP11-177C	chr4	+	37869913	37871599	1058
ENSG0000(	1.048164	0	1.348	0.44949	NA	RP11-39K2	chr9	-	5131979	5164251	443
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-115J:	chr11	+	28724162	29085368	806
ENSG0000(	6.701698	5.317866	0.31194	0.68364	0.76376	RP11-63E5	chr8	-	255306	281026	880
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-481C	chr17	+	49119885	49162832	332
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	RP11-51M:	chr4	-	1.75E+08	1.75E+08	366
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CTC-563A5	chr5	-	1.79E+08	1.79E+08	676
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-460H	chr4	-	1.82E+08	1.82E+08	529
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	ALG1L11P	chr8	+	12036206	12040228	450
ENSG0000(	0	1.66715	-1.9695	0.25993	NA	RP11-434D	chr5	-	67096568	67185924	566
ENSG0000(	0	12.14753	-5.2232	2.31E-05	7.09E-05	RP11-586D	chr4	+	6202460	6240044	2547

ENSG0000(	35.17589	26.83223	0.37991	0.36214	0.46634	CTD-2541M	chr8	-	6475996	6565730	2147
ENSG0000(	0.36308	2.07098	-1.8758	0.22851	0.32162	RP5-1029K	chr17	-	47583019	47651426	1221
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	CTD-2589H	chr5	-	767512	769046	225
ENSG0000(	0.995923	0.997859	-0.00349	0.99806	0.99911	RP4-671G1	chr1	-	1.13E+08	1.13E+08	646
ENSG0000(	777.0676	683.3904	0.18533	0.18704	0.273	PDCD6	chr5	+	271736	353971	3763
ENSG0000(	0.975385	1.531196	-0.50931	0.73826	0.80696	CTD-2280E	chr5	-	1.22E+08	1.22E+08	563
ENSG0000(	6.068042	0	4.1805	0.002118	0.004992	LINC00536	chr8	-	1.17E+08	1.17E+08	2692
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	FABP5P6	chr5	-	1.19E+08	1.19E+08	409
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CTC-329H1	chr5	+	1.08E+08	1.08E+08	948
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	XXbac-B44	chr22	-	20186252	20192441	2228
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-495K	chr12	+	1.32E+08	1.32E+08	1561
ENSG0000(	0.290301	0	0.4146	0.81455	NA	UQCRBP3	chr5	-	14874509	14874820	312
ENSG0000(	3.04001	5.215082	-0.7016	0.4992	0.60295	GOLGA8K	chr15	-	32684983	32695396	1894
ENSG0000(	32.35503	34.87896	-0.10686	0.7617	0.82702	RAC1P2	chr4	-	46725793	46726625	833
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-454P	chr5	+	17684693	17955966	781
ENSG0000(	1.317927	0	1.6383	0.35541	NA	AC142293.	chr4	-	75418301	75514664	732
ENSG0000(	6.5647	2.56061	1.2201	0.25229	0.34913	XBP1P1	chr5	+	1.12E+08	1.12E+08	652
ENSG0000(	2.105701	0	2.2286	0.1988	0.28717	RP11-6E9.4	chr4	+	1.71E+08	1.71E+08	554
ENSG0000(	0.632843	0.686276	-0.05496	0.97464	NA	CCDC79	chr16	-	66788879	66835523	2541
ENSG0000(	0.580602	0.715414	-0.13184	0.94086	NA	CDC42P4	chr4	+	1.1E+08	1.1E+08	563
ENSG0000(	0.290301	0.98329	-0.92952	0.59103	NA	CHCHD2P7	chr4	-	88707072	88707523	452
ENSG0000(	0.632843	0	0.81931	0.64303	NA	RP11-155G	chr5	-	96785062	96785445	384
ENSG0000(	0.290301	1.995719	-1.903	0.2133	0.3039	TRGV7	chr7	-	38374642	38375115	353
ENSG0000(	1.628766	0	2.1781	0.19145	NA	YWHAQP6	chr3	-	1.41E+08	1.41E+08	304
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-669M	chr4	+	14166079	14244437	499
ENSG0000(	252.3061	65.87677	1.916	7.75E-11	3.87E-10	TMEM158	chr3	-	45265958	45267770	1813
ENSG0000(	0	2.431104	-2.4718	0.14705	0.22313	RP11-352E	chr4	+	12640710	12642633	1577
ENSG0000(	7.915144	0.715414	3.1028	0.006764	0.014679	RP11-359P	chr5	+	1.22E+08	1.22E+08	561
ENSG0000(	1.161205	0	1.2509	0.47995	NA	RP11-141E	chr4	-	16974898	17075526	451
ENSG0000(	7.395342	2.558194	1.3942	0.15457	0.23292	CTD-2201E	chr5	-	9519965	9523290	543
ENSG0000(	0.36308	1.591889	-1.5911	0.31534	0.41792	RP11-124M	chr3	+	1.26E+08	1.26E+08	444
ENSG0000(	5.487439	2.788811	0.91439	0.37526	0.47947	CTC-339F2.	chr5	-	1.16E+08	1.16E+08	206
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	SNX18P23	chr4	-	49235306	49235982	677
ENSG0000(	1.503747	0	1.8221	0.30126	NA	RP11-484L	chr5	+	45574692	45576714	2023
ENSG0000(	0	1.684135	-2.1921	0.19067	NA	RP11-811I	chr5	+	58313	59030	718
ENSG0000(	3.994857	4.167067	-0.0728	0.93918	0.96001	RP11-563E	chr4	+	1.64E+08	1.64E+08	777
ENSG0000(	0.995923	1.370136	-0.35234	0.80971	0.86587	RP11-584P	chr4	+	68311985	68312292	308
ENSG0000(	1.887365	3.870053	-0.9034	0.42725	0.53263	RP11-114M	chr8	-	59337147	59339244	1779
ENSG0000(	2.177666	1.387121	0.54357	0.70605	0.78157	SLC7A11-A	chr4	+	1.39E+08	1.39E+08	4654
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-180C	chr4	-	28363901	28404486	880
ENSG0000(	1.774324	1.698704	0.035399	0.97873	0.98819	RP11-17E2	chr4	+	21950638	22331953	1874
ENSG0000(	1.794048	0	2.0507	0.24053	NA	CTD-2003C	chr11	-	10906432	10920869	557
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-161D	chr4	-	1.75E+08	1.75E+08	777
ENSG0000(	0.632843	1.623443	-1.0053	0.51406	0.61709	CBX3P3	chr5	-	1.12E+08	1.12E+08	532
ENSG0000(	0	25.9953	-6.2989	5.41E-08	2.16E-07	RP11-148B	chr4	-	1.14E+08	1.14E+08	740
ENSG0000(	0	4.643743	-3.4392	0.030646	0.057797	RP11-348J	chr5	+	91378414	91815133	2957
ENSG0000(	1.233984	0.297015	1.1901	0.48541	NA	MTND4P9	chr4	-	25719704	25721367	1346
ENSG0000(	0	9.243779	-4.7449	0.000333	0.000887	CTD-2195M	chr5	+	6582249	6588612	3036
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-576M	chr4	-	84154665	84168366	394
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-332J	chr5	+	6868672	6886900	553
ENSG0000(	0	1.935026	-2.4284	0.13734	0.21062	RP11-541P	chr5	-	1.62E+08	1.63E+08	630
ENSG0000(	1.233984	0	1.5686	0.37707	NA	RP11-123C	chr4	+	28437071	28601897	712
ENSG0000(	24.57607	63.02714	-1.3546	0.00015	0.000418	YJEFN3	chr19	+	19639704	19648393	2769
ENSG0000(	1.741807	5.941033	-1.4939	0.20441	0.29355	RP11-576C	chr9	-	1.15E+08	1.15E+08	260
ENSG0000(	0.290301	1.669566	-1.5285	0.3621	0.46632	CTB-131B5	chr5	+	1.4E+08	1.4E+08	3025
ENSG0000(	0	2.468363	-2.5197	0.13799	0.21141	CTD-2060C	chr5	+	74094819	74095925	1107
ENSG0000(	2.987769	0	3.1007	0.040889	0.074766	CTC-529P8	chr5	+	1.48E+08	1.48E+08	3091
ENSG0000(	3.350849	1.669566	0.87091	0.46963	0.57439	RP11-677M	chr11	+	1.25E+08	1.25E+08	1493
ENSG0000(	1.068702	3.616746	-1.5357	0.22686	0.3198	RP11-584P	chr4	-	68283023	68333969	1991
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTB-88F18.	chr5	-	1.27E+08	1.27E+08	1732
ENSG0000(	7.915958	3.022717	1.2851	0.1631	0.24359	CTD-2116M	chr5	-	64782271	64782875	365
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP13-401M	chr20	-	25816621	25817468	222
ENSG0000(	86.611	6.131232	3.7363	9.43E-18	7.16E-17	DNAH10OS	chr12	-	1.24E+08	1.24E+08	5040
ENSG0000(	1.306762	0	1.6479	0.35189	NA	RP4-639F2	chr1	-	95449106	95492759	159
ENSG0000(	0.72616	0.715414	0.009201	0.99586	NA	RP11-22A3	chr4	-	12949198	12950294	316

ENSG0000(	0.342542	1.577319	-1.4728	0.37548	0.47961	RP11-1252	chr5	+	1.77E+08	1.77E+08	547
ENSG0000(	8.910254	79.04124	-3.0725	1.06E-12	6.01E-12	RP11-380D	chr4	-	1.12E+08	1.12E+08	493
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTD-3074C	chr11	-	66326337	66327855	580
ENSG0000(	1.161205	0.297015	0.99731	0.57355	NA	ANKRD33B	chr5	-	10627372	10628337	522
ENSG0000(	6.815553	2.740271	1.1927	0.26009	0.35805	CACNA1G-A	chr17	-	48633568	48639469	1433
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	AC107982.	chr17	+	18739020	18745677	1300
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CTB-95B16	chr5	+	1.63E+08	1.63E+08	207
ENSG0000(	10.52948	10.30475	0.019703	0.97587	0.9865	RP11-417F	chr2	-	46795395	46807377	1519
ENSG0000(	12.7175	90.2348	-2.7928	1.18E-14	7.58E-14	PCDHA10	chr5	+	1.4E+08	1.4E+08	5254
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-707A	chr4	-	65779999	65870218	4079
ENSG0000(	0.342542	0.891044	-0.73092	0.68123	NA	RP11-265F	chr3	-	1.31E+08	1.31E+08	671
ENSG0000(	8.867386	4.799099	0.85642	0.31684	0.41951	RP11-616K	chr15	+	44646889	44647890	1002
ENSG0000(	21.72368	72.75075	-1.731	5.98E-08	2.38E-07	RP11-130F	chr4	+	1.78E+08	1.79E+08	2161
ENSG0000(	10.44733	6.892769	0.56513	0.39509	0.49958	RP11-359B	chr12	-	1084464	1099207	2042
ENSG0000(	4.460627	0.343138	2.9181	0.037923	0.069998	HOXC-AS2	chr12	-	54387594	54390569	2090
ENSG0000(	35.58005	38.05387	-0.09584	0.78205	0.84377	RP11-848G	chr5	+	68927790	68932312	4437
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	CTD-2517C	chr5	-	34860888	34861611	425
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	KRT8P31	chr5	-	60039390	60040797	1408
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-399F	chr4	+	1.27E+08	1.27E+08	393
ENSG0000(	129.9607	29.45998	2.1179	1.40E-12	7.89E-12	CTD-2353F	chr5	-	36666316	36725297	681
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	CTC-498M1	chr5	-	87705664	87794514	761
ENSG0000(	0	2.024857	-2.2291	0.19662	0.28458	RP11-381K	chr5	-	1.37E+08	1.37E+08	1148
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CSNK1A1P3	chr5	+	98169086	98169415	330
ENSG0000(	0.923144	2.514486	-1.1351	0.42754	0.53291	RP11-476C	chr4	-	88140676	88161466	1924
ENSG0000(	1.027626	0.343138	0.83995	0.63621	NA	CTC-321K1	chr5	+	1.35E+08	1.35E+08	634
ENSG0000(	0.72616	1.309443	-0.61368	0.71013	0.78467	RASA2-IT1	chr3	+	1.41E+08	1.41E+08	612
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	MYLK-AS2	chr3	+	1.23E+08	1.23E+08	754
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-138A	chr4	+	1.6E+08	1.6E+08	565
ENSG0000(	22.18765	48.73089	-1.1238	0.006548	0.014248	EEF1A1P13	chr5	-	14652047	14653438	1389
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RCC2P8	chr4	-	1.1E+08	1.1E+08	1035
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-292B	chr4	+	28998146	29016216	687
ENSG0000(	1.286224	0	1.8436	0.2818	NA	RP11-300N	chr4	+	58020743	58022618	560
ENSG0000(	1.068702	3.261455	-1.4048	0.27448	0.37437	HMGN1P15	chr5	-	1.15E+08	1.15E+08	295
ENSG0000(	1.016461	0	1.3167	0.46021	NA	RP11-143A	chr5	+	8839844	8881637	2702
ENSG0000(	0.342542	1.340997	-1.3704	0.39575	NA	RP11-436H	chr5	+	1.24E+08	1.24E+08	563
ENSG0000(	50.43854	27.5839	0.86334	0.05126	0.090893	RP11-143E	chr12	-	1.31E+08	1.31E+08	4159
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-585F	chr8	-	142091	150563	380
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP13-488H	chr4	-	78785662	78785958	297
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	CIR1P2	chr4	-	1.16E+08	1.16E+08	1342
ENSG0000(	11.773	9.268013	0.33589	0.66559	0.7487	RP11-692D	chr4	+	74124926	74183670	685
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	KRT8P32	chr5	-	97727774	97729234	1461
ENSG0000(	1.919068	2.543625	-0.35952	0.75671	0.82315	CTC-338M1	chr5	+	1.81E+08	1.81E+08	392
ENSG0000(	1.048164	2.24661	-0.94513	0.48382	0.58794	RP11-855C	chr11	+	61355966	61375022	2349
ENSG0000(	0.943682	2.840639	-1.3144	0.32068	0.42351	CTD-2024P	chr5	-	34656517	34657355	407
ENSG0000(	2.770247	0.357707	2.2736	0.12716	0.1981	CTD-2154I1	chr5	-	95036953	95067999	809
ENSG0000(	30.07468	8.599595	1.7416	0.000918	0.00229	RP11-9G1.1	chr4	-	1.34E+08	1.34E+08	2820
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-30P2	chr4	+	63157280	63158055	353
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTD-2350J	chr5	-	15602298	15607457	362
ENSG0000(	565.5481	484.1219	0.22208	0.35573	0.46	PKD1P6	chr16	-	15219099	15248421	4769
ENSG0000(	0.632843	1.577319	-0.98107	0.52471	0.62681	CTC-431G1	chr5	-	79070171	79112013	460
ENSG0000(	0.653381	0	0.82678	0.64037	NA	RP11-460I1	chr4	+	1021466	1022760	272
ENSG0000(	1.027626	0	1.1491	0.51623	NA	RP11-325L	chr5	+	1.37E+08	1.37E+08	646
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	AC007050.	chr22	-	20941783	20946505	1123
ENSG0000(	0	3.757532	-3.3092	0.031863	0.059871	RP11-789C	chr4	+	1.71E+08	1.71E+08	469
ENSG0000(	1.286224	4.752975	-1.664	0.12462	0.1948	RP11-122A	chr8	+	1.1E+08	1.1E+08	1643
ENSG0000(	1.306762	0.686276	0.64809	0.69497	0.77232	PSMC1P5	chr5	+	1.07E+08	1.07E+08	177
ENSG0000(	0.290301	0	0.4146	0.81455	NA	CTB-114C7	chr5	-	1.7E+08	1.7E+08	2182
ENSG0000(	6.785642	0	4.3218	0.001344	0.003268	RP11-305C	chr12	+	65675437	65680508	3457
ENSG0000(	0.342542	0.715414	-0.51272	0.77372	NA	RP5-875H1	chr17	-	48178068	48179284	430
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTB-1I21.1	chr5	+	1.36E+08	1.36E+08	564
ENSG0000(	0	1.309443	-1.6539	0.35008	NA	RP11-94C2	chr17	-	48614655	48616115	717
ENSG0000(	4.192656	1.326428	1.3517	0.32235	0.42525	CTC-820M8	chr8	-	1.22E+08	1.22E+08	1814
ENSG0000(	10.13649	3.010564	1.6413	0.056672	0.099294	RP11-434I1	chr8	-	74209946	74268696	3261
ENSG0000(	53.00382	5.424682	3.2205	1.70E-08	7.08E-08	RP11-356J1	chr11	+	1.12E+08	1.12E+08	2749
ENSG0000(	6.535603	19.51865	-1.5248	0.022427	0.043773	KIAA1456	chr8	+	12803151	12889012	9587

ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP5-1029K	chr17	-	47622209	47655324	577
ENSG0000(	78.2018	174.0467	-1.1518	3.42E-06	1.16E-05	ZNF718	chr4	+	124386	157779	3214
ENSG0000(	295.8365	423.6665	-0.51697	0.000158	0.00044	SMIM20	chr4	+	25863452	25931435	935
ENSG0000(	20.43566	3.616746	2.3998	0.000392	0.001033	CTA-963H5	chr22	-	31049864	31050801	612
ENSG0000(	29.63107	38.69073	-0.38962	0.3098	0.41166	CTD-2269F	chr5	+	83680245	83786583	792
ENSG0000(	0.580602	0.937167	-0.42674	0.8018	NA	RP11-478C	chr4	-	336610	336751	142
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTB-51E13.	chr4	-	1.24E+08	1.24E+08	170
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	MRPL22P1	chr4	-	57186885	57187500	616
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	IGBP1P4	chr4	-	83322731	83323609	879
ENSG0000(	8.03935	5.271743	0.58952	0.42319	0.52855	RP11-284N	chr4	-	1.44E+08	1.44E+08	759
ENSG0000(	6.26584	4.646159	0.41117	0.59668	0.69101	RP11-173N	chr4	+	1.87E+08	1.87E+08	864
ENSG0000(	6.971462	20.01714	-1.4925	0.010744	0.022432	CTC-210G5	chr5	-	1.22E+08	1.22E+08	1424
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	CTC-422A1	chr5	+	78525727	78526411	359
ENSG0000(	3.475869	0	3.2363	0.034472	0.064269	RP11-1E3.1	chr5	+	96840400	97006750	724
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTD-2272G	chr5	-	23303674	23305252	1579
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-234K	chr4	+	80413570	80497614	2080
ENSG0000(	22.09613	309.8589	-3.7764	5.84E-29	7.14E-28	RP11-46C2	chr5	+	27472399	27496508	1610
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-747H	chr4	-	9053568	9053777	210
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTC-255N2	chr5	-	1.47E+08	1.47E+08	863
ENSG0000(	0	1.888903	-2.3653	0.15293	NA	RP11-647P	chr4	+	1.22E+08	1.22E+08	621
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	AC005740.	chr5	-	1.41E+08	1.41E+08	419
ENSG0000(	0	1.355566	-1.9006	0.26573	NA	RP11-466P	chr5	-	75581367	75607287	756
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-731D	chr4	-	1.52E+08	1.52E+08	163
ENSG0000(	1.027626	0	1.1491	0.51623	NA	AC008592.	chr5	+	95197490	95210223	733
ENSG0000(	7.314004	6.116663	0.22889	0.75495	0.82164	CTD-2213F	chr14	+	31889492	31922089	1213
ENSG0000(	1.161205	787.8381	-8.8762	7.84E-42	1.44E-40	LINC00617	chr14	+	96342729	96391908	3197
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	RP11-22A3	chr4	-	12860725	12866585	2694
ENSG0000(	1.027626	0	1.1491	0.51623	NA	RP11-119J	chr5	+	1.35E+08	1.35E+08	377
ENSG0000(	0	1.355566	-1.9006	0.26573	NA	UNC93B4	chr4	-	4145185	4152148	747
ENSG0000(	0.632843	0.297015	0.49183	0.78024	NA	CTD-2197I:	chr5	-	1.08E+08	1.08E+08	398
ENSG0000(	5.435198	0	4.0127	0.003733	0.008471	UBE2CP3	chr4	+	57938849	57939298	450
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	RP11-310P	chr5	+	524820	526709	442
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-338H	chr11	+	95215570	95230717	570
ENSG0000(	0	1.652581	-2.1974	0.1871	NA	RP11-700N	chr4	+	1.21E+08	1.21E+08	570
ENSG0000(	26.24771	24.38643	0.10517	0.80335	0.86089	RP11-1391	chr11	-	856880	859795	2061
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP11-1057	chr8	-	1.3E+08	1.3E+08	1163
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-15B1	chr4	-	1.01E+08	1.01E+08	741
ENSG0000(	26.37452	22.42797	0.22448	0.62755	0.71748	AC090587.	chr11	+	3837982	3843130	2843
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-114H	chr5	+	1.3E+08	1.3E+08	1912
ENSG0000(	1.286224	0	1.8436	0.2818	NA	RP13-539F	chr4	+	1.46E+08	1.46E+08	2807
ENSG0000(	0	1.372552	-1.3974	0.43145	NA	CTB-99A3.1	chr5	+	1.46E+08	1.46E+08	691
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTB-3M24.	chr5	+	1.33E+08	1.33E+08	275
ENSG0000(	3.930638	2.436809	0.56429	0.67723	0.75838	RP11-714G	chr4	+	1.86E+08	1.86E+08	587
ENSG0000(	0.870904	1.698704	-0.68674	0.64658	0.73297	KLHL2P1	chr4	+	1.2E+08	1.2E+08	521
ENSG0000(	0.290301	1.012429	-0.95336	0.58114	NA	CTC-461F2	chr5	+	16617334	16621385	704
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	CTD-2194D	chr5	-	1856084	1856682	493
ENSG0000(	0	81.12363	-7.8746	5.66E-13	3.27E-12	AACSP1	chr5	-	1.78E+08	1.78E+08	2822
ENSG0000(	0	6.673433	-4.3368	0.001115	0.002745	RP11-83M:	chr5	-	66995257	67198428	589
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	RP11-484L	chr5	+	45558021	45560088	2068
ENSG0000(	0.653381	0	0.82678	0.64037	NA	KIAA1210	chrX	-	1.18E+08	1.18E+08	7824
ENSG0000(	0.632843	1.713273	-1.0898	0.4574	0.56257	RP11-834C	chr12	-	54478916	54519776	719
ENSG0000(	0	1.430828	-1.4414	0.41759	NA	RP11-13L2	chr3	-	1.4E+08	1.4E+08	2693
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-622A	chr4	+	74374520	74399845	763
ENSG0000(	0.290301	0	0.4146	0.81455	NA	FGD5P1	chr3	+	13974553	13978989	3377
ENSG0000(	0.632843	5.972588	-2.7832	0.017438	0.034866	AC128709.	chr3	-	1.97E+08	1.97E+08	1715
ENSG0000(	0.685084	0	0.85004	0.63064	NA	CCT5P1	chr5	+	1.15E+08	1.15E+08	1618
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTD-2081C	chr5	-	53072474	53115516	1003
ENSG0000(	0	8.421549	-4.5777	0.000744	0.001883	RP11-19O2	chr5	+	16180347	16185694	2066
ENSG0000(	10.11416	0.686276	3.4315	0.002488	0.005802	HOXC-AS1	chr12	-	54392806	54393794	548
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-648N	chr5	+	37377151	37378073	323
ENSG0000(	13.13363	10.18578	0.34385	0.56263	0.66087	RP11-631N	chr5	+	60670939	60671682	744
ENSG0000(	1.95077	4.20507	-0.91452	0.48535	0.58937	GMPSP1	chr4	+	8176148	8176726	579
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	TRIM36-IT1	chr5	-	1.14E+08	1.14E+08	881
ENSG0000(	0.995923	0.951736	0.030362	0.98382	0.99083	DUTP7	chr4	-	52731216	52731701	486
ENSG0000(	4.00423	0	3.5416	0.014566	0.029576	WBP1LP2	chr7	+	1.07E+08	1.07E+08	946

ENSG0000(	0	0.715414	-0.84936	0.6309	NA	AC226119.	chr4	-	3968761	3969387	627
ENSG0000(	31.40296	145.1043	-2.191	8.34E-13	4.76E-12	CHCHD10	chr22	-	24108021	24110630	1171
ENSG0000(	2.697468	0.686276	1.596	0.25714	0.35466	PPM1AP1	chr8	-	15663658	15664792	1135
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-728C	chr4	+	1.25E+08	1.25E+08	529
ENSG0000(	13.13543	12.43809	0.056448	0.92937	0.95316	FAM218A	chr4	+	1.66E+08	1.66E+08	2174
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTD-2324F	chr5	-	6310554	6339997	2419
ENSG0000(	0.632843	3.212915	-1.8378	0.20019	0.28889	RP11-640N	chr11	-	1.21E+08	1.21E+08	6314
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC007126.	chr4	-	13779001	13783781	4781
ENSG0000(	0	9.41612	-4.8391	0.000148	0.000413	RP11-119H	chr4	-	1.14E+08	1.14E+08	1352
ENSG0000(	0.36308	2.947455	-2.4125	0.095031	0.15476	CDK3	chr17	+	73996987	74002080	1582
ENSG0000(	0.870904	16.89077	-3.7975	8.18E-05	0.000236	RP11-757G	chr11	+	68638132	68642010	3252
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTC-573N1	chr5	+	1.8E+08	1.8E+08	806
ENSG0000(	143.59	9.268886	3.874	8.16E-23	7.80E-22	GPR162	chr12	+	6930711	6936586	2768
ENSG0000(	2.07579	6.145801	-1.4227	0.19739	0.28545	RP11-380D	chr4	-	1.11E+08	1.11E+08	1447
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CTC-349C3	chr5	+	1.34E+08	1.35E+08	561
ENSG0000(	0.685084	23.34573	-4.6854	1.27E-06	4.50E-06	RP11-680H	chr11	+	93971316	94012372	570
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-756P	chr4	+	1.9E+08	1.9E+08	336
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CCT6P2	chr5	-	14639535	14641127	1593
ENSG0000(	0	1.058552	-1.361	0.4451	NA	RP11-436H	chr5	+	1.24E+08	1.24E+08	446
ENSG0000(	0	1.294874	-1.8547	0.27869	NA	RP11-475D	chrX	+	78003228	78010503	672
ENSG0000(	2.688095	5.762988	-0.95304	0.43237	0.53785	ABHD17AP	chr1	-	2.15E+08	2.15E+08	1137
ENSG0000(	18.38399	19.83339	-0.10606	0.82301	0.8752	KRT8P33	chr5	-	1.23E+08	1.23E+08	1423
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-58H1	chr4	-	1.44E+08	1.44E+08	371
ENSG0000(	3.391925	0.951736	1.5113	0.24349	0.33895	RP11-302F	chr4	+	25771888	25775199	483
ENSG0000(	0	6.731709	-4.3129	0.001415	0.003429	RP11-8L2.1	chr4	-	84717589	85214565	2795
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-471I2.	chr14	-	62023031	62037371	5103
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	RP11-254I.	chr5	+	95385819	95551223	704
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	CCDC34P1	chr4	+	1.13E+08	1.13E+08	517
ENSG0000(	2.064625	3.884622	-0.85731	0.41378	0.51866	RP11-397D	chr9	+	37432084	37433878	370
ENSG0000(	0	5.257174	-3.9585	0.004476	0.010042	RP11-215P	chr5	-	1.34E+08	1.34E+08	669
ENSG0000(	68.90712	90.62152	-0.39772	0.11885	0.18738	ATP6V1E2	chr2	-	46717889	46769696	2334
ENSG0000(	1.628766	3.24447	-0.88704	0.424	0.52942	RP11-333E	chr4	-	39974748	39975062	315
ENSG0000(	5.197138	10.02713	-0.89617	0.21675	0.30805	NTAN1P2	chr8	-	87493983	87495231	940
ENSG0000(	160.0552	92.70565	0.78117	0.001926	0.004568	GLI4	chr8	+	1.44E+08	1.44E+08	2333
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	CTD-2275D	chr5	+	75806265	75806591	327
ENSG0000(	3.745632	15.706	-2.0131	0.003879	0.008777	RP4-669L1	chr1	+	326096	328112	1239
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	RP11-577B	chr4	-	1.4E+08	1.4E+08	303
ENSG0000(	2.479946	293.5113	-6.8001	2.40E-34	3.58E-33	CTD-2297D	chr5	-	5132893	5140167	889
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-301H	chr4	-	1.46E+08	1.46E+08	1090
ENSG0000(	0.290301	0	0.4146	0.81455	NA	CTD-2233C	chr5	-	33519721	33522335	917
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	RP11-325I.	chr5	-	1363697	1380182	1616
ENSG0000(	332.6907	67.87243	2.2768	3.10E-18	2.40E-17	IQCJ-SCHIP	chr3	+	1.59E+08	1.6E+08	2633
ENSG0000(	7.136743	4.89705	0.5165	0.50018	0.6039	RP11-517I.	chr5	-	1.26E+08	1.26E+08	747
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CTC-228N2	chr5	-	1.27E+08	1.27E+08	388
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	PRSS3P2	chr7	+	1.42E+08	1.42E+08	905
ENSG0000(	6.785642	3.723561	0.81203	0.35402	0.45819	RP11-933H	chr3	-	1.31E+08	1.31E+08	2189
ENSG0000(	4.459813	0	3.6794	0.010998	0.022906	RP11-738E	chr4	-	57896939	57931769	1033
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-136I.	chr4	+	10412620	10413268	329
ENSG0000(	0.653381	1.326428	-0.74096	0.63999	0.72726	AC007078.	chr7	-	76103904	76108173	453
ENSG0000(	3.466496	6.702571	-0.87745	0.39533	0.49983	RP11-455F	chr16	+	30107751	30115437	1650
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTD-2215L	chr5	+	9001886	9046052	805
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-317B	chr4	+	2141400	2142785	581
ENSG0000(	0.870904	0.343138	0.71634	0.68735	NA	RP11-93M.	chr4	-	30886065	30886804	740
ENSG0000(	12.66526	8.460352	0.54307	0.53273	0.6338	CTD-3224K	chr5	-	1.39E+08	1.39E+08	577
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-7O2C	chr11	-	15009217	15010240	1024
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-642E	chr4	-	69148179	69151677	438
ENSG0000(	1.524285	0	1.8365	0.29722	NA	CTD-2228K	chr5	+	418818	419224	407
ENSG0000(	1.306762	2.307303	-0.68995	0.59412	0.68869	RP11-530I.	chr4	+	55919227	55958701	455
ENSG0000(	0.580602	0.297015	0.36801	0.83644	NA	PABPC1P7	chr4	+	1.04E+08	1.04E+08	1513
ENSG0000(	0.975385	18.65587	-3.9327	1.46E-05	4.59E-05	RP11-834C	chr12	-	54470622	54475687	564
ENSG0000(	1.233984	2.621302	-0.88907	0.49257	0.59651	ST3GAL1P1	chr4	-	68582093	68583106	1014
ENSG0000(	1.597063	0	1.9181	0.27352	NA	RP11-1E6.1	chr4	+	43342892	43347617	653
ENSG0000(	1.265686	2.08555	-0.54055	0.71233	0.78646	RP11-138B	chr4	-	1.88E+08	1.88E+08	2114
ENSG0000(	6.785642	0.594029	2.9278	0.015546	0.031384	RP11-864I.	chr11	+	62304784	62309490	264
ENSG0000(	3.330311	6.267186	-0.86081	0.32371	0.42671	RP11-458I.	chr1	+	1.5E+08	1.5E+08	484

ENSG0000(	0	0.297015	-0.41864	0.81278	NA	HNRNPKP5	chr5	-	14877776	14878028	253
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	CTD-2296D	chr5	-	7347099	7348090	885
ENSG0000(	0	1.638012	-2.1885	0.18912	NA	RP11-83M:	chr5	-	66985861	66986265	405
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-576N	chr4	+	84158456	84158597	142
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	CTB-161M1	chr5	+	1.18E+08	1.18E+08	483
ENSG0000(	14.56639	43.65338	-1.5606	0.000511	0.001326	LINC00491	chr5	-	1.02E+08	1.02E+08	944
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	RP1-240B8	chr6	-	62340138	62390954	673
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	RP11-497H	chr5	+	69758071	69775042	1073
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CTD-2066L	chr5	-	32925745	33298016	619
ENSG0000(	0.685084	1.012429	-0.37562	0.82411	NA	RP11-392B	chr4	+	1.41E+08	1.41E+08	657
ENSG0000(	0.975385	0	1.2767	0.47406	NA	AP000892.	chr11	-	1.17E+08	1.17E+08	488
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-161D	chr4	+	1.75E+08	1.75E+08	511
ENSG0000(	0.290301	0	0.4146	0.81455	NA	CTD-2201E	chr5	+	42972726	42973194	469
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-366N	chr4	+	1.66E+08	1.66E+08	1393
ENSG0000(	0	107.4832	-8.2373	4.72E-14	2.91E-13	SEPP1	chr5	-	42799982	42887494	4175
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-79E3	chr4	+	33852213	33981558	578
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	RP11-616K	chr4	+	1.85E+08	1.85E+08	637
ENSG0000(	8.091591	16.57677	-0.99637	0.08076	0.1346	TPM3P6	chr19	+	53982604	53983345	742
ENSG0000(	2.49967	0	2.7866	0.07964	0.13296	RPEP1	chr5	-	64546954	64547611	658
ENSG0000(	0.72616	0.700845	0.022935	0.98937	NA	C8orf17	chr8	+	1.41E+08	1.41E+08	2775
ENSG0000(	2.86275	0.997859	1.3242	0.28185	0.38287	RP11-404E	chr1	+	1.52E+08	1.52E+08	535
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-567N	chr4	+	76326405	76348233	777
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-710F	chr4	-	1.07E+08	1.07E+08	483
ENSG0000(	2.987769	6.505924	-1.0649	0.21528	0.30628	RP11-834C	chr12	+	54519882	54526627	1369
ENSG0000(	2.448243	0.357707	2.0706	0.17928	0.26333	RP11-39C1	chr4	+	1.65E+08	1.65E+08	2057
ENSG0000(	52.74383	0	7.2848	5.20E-11	2.63E-10	RP11-230G	chr12	-	65860600	66036152	1072
ENSG0000(	1.681007	1.248751	0.31904	0.81873	0.87259	RP11-451H	chr5	-	1.8E+08	1.8E+08	459
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	RP11-613C	chr17	+	47785696	47797422	575
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-241F	chr4	+	49581850	49582206	357
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-386B	chr4	+	1.86E+08	1.86E+08	2186
ENSG0000(	0.72616	0.715414	0.009201	0.99586	NA	RP11-711G	chr5	-	7707915	7749879	522
ENSG0000(	0.943682	0.700845	0.33849	0.83415	NA	RP1-313L4	chr1	-	1.68E+08	1.68E+08	266
ENSG0000(	10.99704	3.290593	1.6294	0.045111	0.081265	RP11-974F	chr5	+	69274357	69293569	3763
ENSG0000(	10.52867	9.066534	0.19873	0.76392	0.82871	CTD-2152N	chr5	-	32103551	32122047	834
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-1084	chr5	-	33997149	33997829	681
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	RP11-204H	chr4	+	65296627	65298933	2063
ENSG0000(	5.011318	1.355566	1.7077	0.11029	0.17543	RP5-1063N	chr12	-	3405368	3409390	2303
ENSG0000(	0.342542	2.635871	-2.2612	0.12315	0.19299	RP11-153N	chr4	+	1.55E+08	1.55E+08	3034
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-236P	chr4	-	1.21E+08	1.21E+08	637
ENSG0000(	11.30886	0	5.1101	4.04E-05	0.000121	RP11-12K2	chr4	-	64334419	64359996	448
ENSG0000(	0	1.387121	-1.6961	0.33794	NA	RP11-63A1	chr4	-	42283847	42393285	598
ENSG0000(	9.978955	2.07098	2.1495	0.016592	0.033308	RP11-540D	chr1	+	1.55E+08	1.55E+08	928
ENSG0000(	461.4885	207.0138	1.1475	0.00026	0.000701	CTD-2001E	chr5	+	9546312	9550721	1799
ENSG0000(	0.580602	1.949596	-1.2854	0.38972	0.49401	RP11-46H1	chr12	+	1.33E+08	1.33E+08	1118
ENSG0000(	0	5.24831	-3.8094	0.010231	0.021463	ALG1L12P	chr8	+	12278541	12282509	434
ENSG0000(	12.6567	46.53362	-1.8604	1.79E-05	5.58E-05	ZBED3-AS1	chr5	+	76382565	76462734	1987
ENSG0000(	0.290301	0	0.4146	0.81455	NA	CTC-441N1	chr5	+	1.21E+08	1.22E+08	1035
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-89B1	chr4	-	54793666	54794305	640
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	DCAF13P2	chr5	+	17202383	17203254	555
ENSG0000(	0	1.577319	-1.9089	0.27608	NA	RP11-91H1	chr5	-	1.75E+08	1.75E+08	568
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	RP11-345F	chr4	+	56686169	56703548	554
ENSG0000(	0.685084	0	0.85004	0.63064	NA	PGAM1P12	chr15	-	96984796	96985543	748
ENSG0000(	0.870904	1.606458	-0.60244	0.70794	0.78293	RP11-11N5	chr4	+	1.88E+08	1.88E+08	188
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	DNM1P17	chr10	+	30642635	30646294	426
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	KRT18P54	chr4	-	1.36E+08	1.36E+08	748
ENSG0000(	1.370168	0	1.3929	0.43293	NA	LSM3P4	chr4	+	1.43E+08	1.43E+08	309
ENSG0000(	2.064625	24.53782	-3.4425	4.38E-06	1.46E-05	RP11-501C	chr17	-	47072628	47074854	428
ENSG0000(	0.705622	0	0.8807	0.6196	NA	CTC-806A2	chr5	-	1.45E+08	1.45E+08	530
ENSG0000(	5.850519	0.297015	3.4016	0.009353	0.019752	RP11-807H	chr4	+	66535679	66563747	1177
ENSG0000(	9.253609	7.342723	0.32553	0.61539	0.70715	CTD-2083E	chr5	-	288948	290436	1203
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-297B	chr9	+	37002694	37008037	739
ENSG0000(	0	2.24661	-2.6365	0.10117	0.16301	RNF138P1	chr5	-	54825984	54826529	546
ENSG0000(	0.36308	0	0.4146	0.81455	NA	HNRNPKP1	chr5	-	1.27E+08	1.27E+08	1379
ENSG0000(	0.580602	0.343138	0.37443	0.8337	NA	RP11-453N	chr8	-	68045789	68048146	2358
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	CTC-480C2	chr5	+	84959050	84960502	1453

ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-373J	chr4	+	73188745	73196468	425
ENSG0000(	4.294532	1.949596	1.0242	0.31607	0.41881	METTL21EP	chr13	+	1.04E+08	1.04E+08	2312
ENSG0000(	1.016461	0	1.3167	0.46021	NA	CTD-2046J	chr5	+	35081325	35082094	456
ENSG0000(	3.04001	3.10281	-0.02182	0.98588	0.99169	RP11-229C	chr5	-	74343544	74348668	534
ENSG0000(	14.72988	0	5.5076	4.71E-06	1.57E-05	CTD-2281N	chr5	-	1.18E+08	1.18E+08	2803
ENSG0000(	5.209117	7.172799	-0.44706	0.63316	0.72196	RP11-1365	chr4	-	195198	198798	950
ENSG0000(	0	5.439251	-3.9884	0.004243	0.009542	RP11-588L	chr4	+	40428136	40429602	862
ENSG0000(	6.741961	18.60404	-1.4055	0.018806	0.037345	RNPS1P1	chr4	+	11373599	11374516	918
ENSG0000(	98.87064	682.5025	-2.7725	1.25E-37	2.06E-36	RP11-253E	chr12	+	3150603	3154116	3514
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	CTC-338M1	chr5	+	1.81E+08	1.81E+08	738
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-301H	chr4	-	1.46E+08	1.46E+08	481
ENSG0000(	33.06066	17.41927	0.90688	0.027809	0.053086	RP1-80B9.2	chr6	+	2245982	2413825	8217
ENSG0000(	2.987769	2.399549	0.29903	0.77914	0.84152	RP11-632F	chr4	+	40814796	40828168	477
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-703C	chr4	-	94239774	94240937	441
ENSG0000(	4.543757	2.979009	0.57121	0.53794	0.6387	RP11-843P	chr5	+	1.76E+08	1.76E+08	504
ENSG0000(	2.479132	1.294874	0.79492	0.54439	0.64477	AC097467.	chr4	+	1.56E+08	1.56E+08	840
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-1084	chr5	+	33970968	33972733	1145
ENSG0000(	1.431782	1.949596	-0.40792	0.76172	0.82702	RP4-785G1	chr20	-	32822646	32868979	478
ENSG0000(	1.265686	3.541484	-1.2766	0.28556	0.38699	RP11-497H	chr5	+	69825198	69826377	1180
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-813N	chr4	+	69893549	69910296	1613
ENSG0000(	0.653381	0	0.82678	0.64037	NA	MESTP3	chr4	-	28824866	28825833	968
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTB-161M1	chr5	+	1.18E+08	1.18E+08	586
ENSG0000(	0.290301	0.715414	-0.50514	0.77701	NA	LNX1-AS1	chr4	+	54362567	54415745	550
ENSG0000(	0.290301	3.541484	-2.6843	0.059189	0.10324	GAPDHP66	chr18	-	3977649	3978615	967
ENSG0000(	0	2.915901	-2.7723	0.095997	0.15615	RP11-71E1	chr3	+	1.26E+08	1.26E+08	501
ENSG0000(	2.987769	1.888903	0.55948	0.6164	0.70778	RP11-679C	chr4	+	1.21E+08	1.21E+08	2339
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-489N	chr4	+	4088365	4088541	177
ENSG0000(	0	1.326428	-1.6486	0.3523	NA	RP11-180A	chr4	+	9678932	9679558	627
ENSG0000(	3.247181	0.357707	2.2385	0.16337	0.24392	RP11-1079	chr17	+	47452742	47457456	245
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-492L	chr5	+	1.16E+08	1.16E+08	420
ENSG0000(	3.257533	2.918317	0.13971	0.89116	0.9245	RP11-33B1	chr4	+	1.2E+08	1.2E+08	573
ENSG0000(	0.870904	0	1.046	0.5544	NA	RP11-248N	chr4	-	1.75E+08	1.75E+08	1144
ENSG0000(	0.653381	0.654722	-0.00313	0.9985	NA	LINC00492	chr5	+	1.02E+08	1.02E+08	593
ENSG0000(	48.96551	24.96843	0.94422	0.021688	0.042464	GLUD1P3	chr10	+	75490320	75497069	896
ENSG0000(	1.161205	0	1.2509	0.47995	NA	CTD-2023N	chr5	+	56690887	56829251	897
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	RP11-69I13	chr8	+	89497339	89498323	856
ENSG0000(	0.342542	1.949596	-1.8486	0.23038	0.32372	RP11-423H	chr5	+	1.77E+08	1.77E+08	568
ENSG0000(	0	1.606458	-1.9287	0.27074	NA	RP11-402J	chr4	+	1.13E+08	1.13E+08	411
ENSG0000(	0.632843	0	0.81931	0.64303	NA	RP11-322J	chr4	-	1.72E+08	1.72E+08	614
ENSG0000(	2.987769	0.640152	1.8256	0.16486	0.24575	RP11-274N	chr1	-	1.55E+08	1.55E+08	532
ENSG0000(	6.068042	0	4.1805	0.002118	0.004992	RP11-696F	chr4	+	1.88E+08	1.88E+08	421
ENSG0000(	14.86607	0	5.5283	3.80E-06	1.28E-05	RP11-122F	chr5	+	6933783	7190925	568
ENSG0000(	0.36308	0.594029	-0.39069	0.82661	NA	RP11-94C2	chr17	-	48640564	48641144	156
ENSG0000(	1.286224	3.008147	-1.0562	0.36624	0.4709	RP11-656G	chr8	-	73114986	73163800	3048
ENSG0000(	1.08924	0.700845	0.41139	0.80818	NA	RP11-529H	chr4	-	1.54E+08	1.54E+08	769
ENSG0000(	0.580602	48.97695	-5.731	4.97E-10	2.34E-09	AC141928.	chr4	-	3760475	3765117	4525
ENSG0000(	28.23955	21.16552	0.39986	0.35668	0.46097	RP11-752G	chr15	+	83419316	83425958	790
ENSG0000(	4.648238	2.292733	0.9271	0.3441	0.44811	AC073635.	chr7	-	76875657	76887440	570
ENSG0000(	13.2056	11.49684	0.19922	0.76687	0.8314	MICE	chr6	-	29709508	29716746	1157
ENSG0000(	9.055811	1.058552	2.8623	0.005315	0.011778	RP11-404J	chr4	-	1.8E+08	1.8E+08	539
ENSG0000(	0	25.85606	-6.2206	2.18E-07	8.26E-07	AC005355.	chr5	+	1.34E+08	1.34E+08	714
ENSG0000(	1.233984	0	1.5686	0.37707	NA	RP13-128C	chrX	+	1.18E+08	1.18E+08	1062
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-502N	chr4	-	1.61E+08	1.61E+08	483
ENSG0000(	6.256467	11.28804	-0.81657	0.23491	0.32875	RP11-1379	chr5	+	1.79E+08	1.79E+08	485
ENSG0000(	3.745632	3.497777	0.064939	0.95267	0.97047	AC008592.	chr5	-	95170128	95170750	418
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTD-2193P	chr5	-	80293002	80293866	536
ENSG0000(	82.1454	0	7.882	6.06E-13	3.49E-12	RP11-152P	chr8	-	1.07E+08	1.07E+08	801
ENSG0000(	0	2.903748	-2.7679	0.096609	0.15691	ORAOV1P1	chr4	-	1.87E+08	1.87E+08	395
ENSG0000(	1.628766	0.951736	0.6114	0.66255	0.7461	RP13-494C	chr4	-	25866503	25871172	762
ENSG0000(	19.40982	1.759397	3.3295	3.60E-05	0.000108	RP11-402L	chr3	-	1.33E+08	1.33E+08	2427
ENSG0000(	0.290301	0	0.4146	0.81455	NA	GAPDHP62	chr8	-	1.02E+08	1.02E+08	990
ENSG0000(	1.027626	1.485073	-0.35071	0.83885	0.88692	SLC25A30-	chr13	+	45992297	45994506	701
ENSG0000(	2.012384	0.700845	1.242	0.38127	0.48537	RP11-80G7	chr5	-	1.63E+08	1.63E+08	800
ENSG0000(	180.9456	290.0714	-0.68178	0.000803	0.002021	THAP9-AS1	chr4	-	83814639	83822113	2585
ENSG0000(	2.334388	2.117104	0.14094	0.90945	0.93774	RP11-549J	chr5	-	93196375	93199531	3157

ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-751A	chr4	-	1.81E+08	1.81E+08	564
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	RP11-138J	chr5	+	1.03E+08	1.03E+08	574
ENSG0000(	0	78.46016	-7.8134	1.33E-12	7.47E-12	CTC-254B4	chr5	-	1.06E+08	1.06E+08	602
ENSG0000(	10.90291	2.367995	2.0921	0.011511	0.023877	RP11-582J	chr8	-	22398358	22402918	4076
ENSG0000(	1.027626	0.686276	0.33836	0.84758	NA	AC006157.	chrY	+	2722771	2800041	454
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	ZNF969P	chr4	+	1.11E+08	1.11E+08	2341
ENSG0000(	0.36308	3.738131	-2.6573	0.067338	0.11525	RP11-168A	chr5	+	79315432	79315743	312
ENSG0000(	0.290301	0	0.4146	0.81455	NA	ANKRD20A	chr4	-	49504162	49508039	1330
ENSG0000(	0	2.309719	-2.4138	0.15791	0.23724	U66061.31	chr7	+	1.42E+08	1.42E+08	2762
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	BMS1P6	chr10	+	48187416	48199256	1331
ENSG0000(	0	1.698704	-2.2257	0.18075	NA	RP11-434D	chr5	-	1.26E+08	1.26E+08	914
ENSG0000(	2.789971	0	2.9376	0.061859	0.10714	NUDT19P5	chr4	+	1.59E+08	1.59E+08	569
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	HTT-AS1	chr4	-	3065198	3076241	515
ENSG0000(	0	1.416259	-1.7181	0.33141	NA	RP11-526F	chr5	+	1.12E+08	1.12E+08	711
ENSG0000(	3.330311	1.012429	1.4827	0.23118	0.32467	BMS1P2	chr10	-	47228366	47241942	1858
ENSG0000(	49.94523	88.49341	-0.80477	0.13254	0.20497	RP11-115D	chr4	+	90472507	90647654	1816
ENSG0000(	1.068702	0	1.3672	0.44297	NA	CTD-2367A	chr5	+	1.11E+08	1.11E+08	163
ENSG0000(	0	1.606458	-1.9287	0.27074	NA	CTBP2P4	chr5	+	97912045	97912964	920
ENSG0000(	0.705622	0.640152	0.062329	0.97007	NA	FCF1P8	chr4	-	56217979	56218575	597
ENSG0000(	0	1.684135	-2.1921	0.19067	NA	RP11-419C	chr5	-	12794212	12794843	632
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-454E	chr5	-	45266826	45268115	418
ENSG0000(	0.290301	0.640152	-0.50256	0.77558	NA	RP11-119H	chr4	-	1.14E+08	1.14E+08	874
ENSG0000(	0.943682	0	1.2438	0.48556	NA	RP11-280G	chr8	-	62671653	62678528	2750
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	WWC2-AS1	chr4	-	1.84E+08	1.84E+08	404
ENSG0000(	1.286224	3.619162	-1.3075	0.24943	0.34578	RP11-734I	chr4	+	31999019	32157028	734
ENSG0000(	0.705622	1.698704	-1.0273	0.47788	0.58224	CTD-2035E	chr5	+	43018531	43024349	472
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC008565.	chr5	+	1.2E+08	1.2E+08	885
ENSG0000(	68.10395	40.01475	0.76464	0.006304	0.013767	RP11-37B2	chr8	-	90621638	90769955	3802
ENSG0000(	0.36308	1.280305	-1.2352	0.46421	NA	RP11-81H3	chr12	-	74526946	74796315	966
ENSG0000(	69.1041	16.01591	2.095	5.86E-07	2.14E-06	RP11-53O1	chr5	-	44745002	44808879	775
ENSG0000(	7.415066	5.133373	0.50326	0.56658	0.66435	RP11-849H	chr11	+	71725337	71731956	4233
ENSG0000(	5.966166	0	4.111	0.003034	0.006986	CTD-2532K	chr5	+	1.74E+08	1.74E+08	287
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-478C	chr4	+	2297311	2320816	563
ENSG0000(	1.649304	0	2.1906	0.18857	NA	HOXC-AS3	chr12	-	54375293	54379303	2816
ENSG0000(	0	1.903472	-2.1599	0.21236	NA	RP11-281P	chr4	+	11470874	11479820	4019
ENSG0000(	2.012384	2.324288	-0.18982	0.87172	0.91028	RP11-384K	chr4	+	1.2E+08	1.2E+08	186
ENSG0000(	1.048164	0.343138	0.98412	0.56751	NA	RP11-98J2	chr5	-	69194694	69199025	4332
ENSG0000(	1.628766	0	2.1781	0.19145	NA	RP11-399D	chr4	-	35949843	36075457	1969
ENSG0000(	6.036339	4.660728	0.36794	0.66264	0.74614	RP11-540C	chr15	+	41199009	41201540	589
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	HULC	chr6	+	8652370	8654079	556
ENSG0000(	0	3.022717	-3.0495	0.04972	0.088547	RP11-215A	chr4	-	1.87E+08	1.87E+08	1512
ENSG0000(	0.580602	0.654722	-0.07721	0.96449	NA	AC005355.	chr5	+	1.34E+08	1.34E+08	602
ENSG0000(	0.943682	1.66715	-0.61427	0.68153	0.7619	RP11-327C	chr4	+	1.7E+08	1.7E+08	637
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-529P	chr3	-	97200021	97200350	330
ENSG0000(	1.068702	2.589748	-1.1221	0.38805	0.49217	RP11-45L9	chr4	-	1.07E+08	1.07E+08	481
ENSG0000(	8.443506	1.234181	2.474	0.014262	0.029032	RP11-893F	chr17	-	48358938	48365216	750
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-542G	chr4	-	76194278	76286392	469
ENSG0000(	1.370168	0.357707	1.117	0.52614	NA	RP11-689P	chr4	-	8455137	8456669	664
ENSG0000(	13.52939	87.97678	-2.6729	1.20E-12	6.78E-12	RP11-478C	chr4	-	262771	263320	550
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTD-2196P	chr5	+	38682172	38685228	554
ENSG0000(	6.878145	0	4.3828	0.000929	0.002316	LINC00589	chr8	-	29531438	29605625	1404
ENSG0000(	92.1766	103.499	-0.16718	0.54217	0.64269	ZNF674	chrX	-	46357162	46404892	4073
ENSG0000(	24.1103	0	6.2094	7.14E-08	2.82E-07	RP1-68D18	chr11	+	35234097	35235554	704
ENSG0000(	7.272928	69.11017	-3.1179	8.19E-06	2.66E-05	RP11-54F2	chr5	-	10652323	10656037	800
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	TMED7-TIC	chr5	-	1.15E+08	1.15E+08	3491
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-14I1	chr8	-	26290545	26291581	669
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-168E	chr4	+	12225075	12252910	610
ENSG0000(	0.342542	1.698704	-1.6607	0.28969	0.39119	RP11-889L	chr5	+	1.78E+08	1.78E+08	861
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	RP11-161D	chr4	-	1.75E+08	1.75E+08	1824
ENSG0000(	3.319146	3.336716	-0.00743	0.99411	0.99669	CTC-325J2	chr5	-	79904442	79918343	440
ENSG0000(	0.342542	1.043983	-0.98163	0.56849	NA	CNOT10-AS	chr3	-	32772127	32778946	466
ENSG0000(	0	1.98115	-2.4527	0.13291	0.20539	RP11-469N	chr11	+	1.35E+08	1.35E+08	3684
ENSG0000(	17.91724	20.09798	-0.16084	0.74322	0.81126	RP11-503N	chr4	-	2506808	2508006	900
ENSG0000(	0.632843	0	0.81931	0.64303	NA	RP11-701P	chr4	-	1.86E+08	1.86E+08	729
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	PSMA2P2	chr8	-	94951592	94955105	686

ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-156N	chr5	+	75672500	75672974	475
ENSG0000(	38.39316	60.35791	-0.64349	0.039444	0.0725	ZNF345	chr19	+	37341263	37403931	3527
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-73G1	chr4	+	1.53E+08	1.53E+08	2652
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-404K	chr5	+	7326177	7326722	332
ENSG0000(	8.330465	0	4.67	0.000281	0.000755	GTF2F2P1	chr4	+	1.48E+08	1.48E+08	675
ENSG0000(	4.979616	0	3.891	0.005132	0.011411	CTD-2263F	chr5	-	38461029	38468441	456
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RFPL4B	chr6	+	1.13E+08	1.13E+08	1900
ENSG0000(	0.923144	3.901607	-1.7354	0.16748	0.2489	AC004069.	chr4	-	1.06E+08	1.06E+08	549
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	WDFY3-AS1	chr4	+	85724411	85731544	493
ENSG0000(	38.62446	35.43244	0.1285	0.74938	0.81663	RP1-5O6.6	chr22	-	38616982	38618939	1063
ENSG0000(	0	3.428963	-3.2154	0.036505	0.067636	RP11-231L	chr3	-	1.41E+08	1.41E+08	392
ENSG0000(	1.939605	24.12755	-3.4489	4.61E-06	1.54E-05	ALG1L7P	chr4	+	3937174	3944248	768
ENSG0000(	0.685084	0.640152	0.044759	0.97934	NA	RP11-436H	chr5	+	1.24E+08	1.24E+08	526
ENSG0000(	4.140415	0.700845	2.1564	0.10093	0.16277	CTC-436P1	chr5	+	60457897	60527867	796
ENSG0000(	1.016461	0	1.3167	0.46021	NA	CTD-2066L	chr5	-	33011428	33017713	425
ENSG0000(	3.661688	14.36903	-1.8811	0.013995	0.02853	ALG1L2	chr3	+	1.3E+08	1.3E+08	969
ENSG0000(	1.016461	1.416259	-0.35194	0.81908	0.87285	RP11-10L1	chr4	+	1.04E+08	1.04E+08	1241
ENSG0000(	0	4.556329	-3.7229	0.009534	0.02011	RP11-380P	chr4	-	23724885	23735202	639
ENSG0000(	0.342542	1.370136	-1.2729	0.45239	NA	TUBB7P	chr4	-	1.91E+08	1.91E+08	1305
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	RP11-425A	chr4	-	1.49E+08	1.49E+08	568
ENSG0000(	0.685084	0.98329	-0.35409	0.8342	NA	RP11-81H1	chr12	-	68726668	68845443	904
ENSG0000(	0.975385	3.06884	-1.3786	0.28394	0.38526	CTD-2003D	chr5	+	59926341	59926800	460
ENSG0000(	0.975385	0	1.2767	0.47406	NA	RP11-506H	chr5	+	54529762	54591029	770
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-747H	chr4	+	9032012	9032792	781
ENSG0000(	0.290301	0	0.4146	0.81455	NA	CTD-2337A	chr5	+	95297705	95966789	581
ENSG0000(	1.919068	0	2.4151	0.13977	0.21349	GDEP	chr4	+	80748625	80798924	2091
ENSG0000(	617.0477	719.5862	-0.22163	0.29464	0.39672	SHANK3	chr22	+	51112843	51171726	7394
ENSG0000(	3.028845	8.750118	-1.4469	0.1031	0.1656	RP11-452H	chr11	-	78135028	78140882	1642
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-79P5	chr5	-	72750012	72768721	440
ENSG0000(	0.653381	0	0.82678	0.64037	NA	RP11-415C	chr4	-	27264128	27268876	649
ENSG0000(	1.794862	1.684135	0.053392	0.96905	0.98264	CTD-2283N	chr5	+	1.48E+08	1.48E+08	514
ENSG0000(	0	22.06456	-6.0607	2.59E-07	9.74E-07	RP11-689K	chr4	-	82380633	82965397	539
ENSG0000(	0.580602	4.150082	-2.2407	0.10086	0.16266	RP11-177C	chr4	-	37997115	37997824	710
ENSG0000(	0.923144	1.40169	-0.41652	0.7848	0.84587	RTN3P1	chr4	+	1.46E+08	1.46E+08	711
ENSG0000(	0	1.029414	-1.1526	0.51496	NA	RP11-461G	chr5	+	93905245	93906381	1137
ENSG0000(	17.63631	2.915901	2.4549	0.001217	0.002977	HSPD1P11	chr5	+	95104703	95106404	1702
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-328N	chr4	+	44018878	44024080	2622
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	MTND3P5	chr4	-	25721721	25722053	333
ENSG0000(	0.342542	1.294874	-1.342	0.40631	NA	RP11-697N	chr8	-	48459366	48460488	779
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RAB5CP2	chr5	+	90772199	90772835	637
ENSG0000(	12.18914	32.77252	-1.3997	0.011608	0.024056	WWC2-AS2	chr4	-	1.84E+08	1.84E+08	2183
ENSG0000(	2.334388	1.012429	1.0131	0.44308	0.54873	CTD-2091N	chr5	-	92355369	92404375	625
ENSG0000(	35.26228	68.03423	-0.94756	0.008254	0.0176	RP11-129N	chr14	+	41424103	41445082	696
ENSG0000(	2.386629	13.3186	-2.3465	0.00708	0.015317	CTD-2516F	chr11	-	7448497	7533746	4433
ENSG0000(	85.34467	131.4972	-0.61594	0.008832	0.018763	ZNF550	chr19	-	58046625	58071231	4305
ENSG0000(	5.955001	1.713273	1.6649	0.095147	0.15493	CTD-2201E	chr5	+	9511445	9518198	1679
ENSG0000(	0.342542	1.355566	-1.3789	0.3926	NA	RPS23P5	chr5	-	81560976	81561078	103
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-484C	chr4	-	15359765	15421656	871
ENSG0000(	10.14505	4.585467	1.0949	0.12121	0.1904	CTC-497E2	chr11	-	12984057	13011095	1558
ENSG0000(	2.334388	1.012429	1.0131	0.44308	0.54873	CTB-35F21.	chr5	-	1.39E+08	1.39E+08	553
ENSG0000(	1.89853	0	2.1633	0.21098	NA	RP11-427N	chr4	-	1.35E+08	1.35E+08	619
ENSG0000(	3.350036	0	2.9644	0.071997	0.12206	RP11-276A	chr20	+	825767	838106	1328
ENSG0000(	8.31074	7.812951	0.064322	0.93649	0.95814	RP11-163N	chr8	-	61297147	61429354	2444
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-234K	chr4	+	80517696	80518327	355
ENSG0000(	0.870904	2.428687	-1.0929	0.45913	0.56438	ALDH7A1P	chr5	+	76586093	76587625	1533
ENSG0000(	0.342542	1.591889	-1.589	0.31649	0.41913	FAM90A25	chr8	-	12272593	12275599	1391
ENSG0000(	19.89874	7.415569	1.374	0.043541	0.078926	CTB-109A1	chr5	-	1.57E+08	1.57E+08	1992
ENSG0000(	0	3.867637	-3.1827	0.049272	0.08784	RP11-586D	chr4	+	6204055	6208376	4121
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	AC007106.	chr4	-	27969345	27986685	600
ENSG0000(	2.697468	5.941033	-1.0788	0.22525	0.31795	RP11-397E	chr4	-	87834419	87835970	1110
ENSG0000(	15.27202	8.61658	0.77925	0.23032	0.32369	RP11-843P	chr5	+	1.76E+08	1.76E+08	528
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	RP11-140N	chr4	-	1.79E+08	1.79E+08	255
ENSG0000(	4.750114	1.652581	1.3836	0.19405	0.28164	RP11-1348	chr16	+	28814097	28829149	1930
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTC-369A1	chr5	+	1.24E+08	1.24E+08	675
ENSG0000(	2.302685	1.012429	0.99269	0.45904	0.56435	RP11-597D	chr4	+	1.59E+08	1.59E+08	3115

ENSG0000(	36.29504	14.67658	1.2796	0.004481	0.010051	RP11-420A	chr4	+	1.29E+08	1.29E+08	2012
ENSG0000(	2.250445	0.297015	1.9304	0.23204	0.32554	RTEL1P1	chr4	+	1.13E+08	1.13E+08	3685
ENSG0000(	3.516131	0	3.3327	0.025484	0.049108	RP11-792D	chr4	+	79567057	79603853	2186
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-113I	chr5	+	33229841	33255659	517
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	RP11-517B	chr3	-	1.31E+08	1.31E+08	115
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-71E1	chr3	-	1.26E+08	1.26E+08	254
ENSG0000(	0	2.742687	-2.9066	0.064462	0.11107	MTND1P19	chr4	+	93623496	93623810	315
ENSG0000(	0	3.725978	-3.3947	0.022703	0.044253	CTC-459I6.	chr5	-	80243516	80256726	665
ENSG0000(	1.286224	2.321872	-0.69909	0.59796	0.692	GS1-124K5	chr7	-	65872275	65874226	301
ENSG0000(	0.72616	6.327879	-2.7373	0.026122	0.050187	RP11-164P	chr4	+	1.53E+08	1.53E+08	2565
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-436H	chr5	-	1.24E+08	1.24E+08	558
ENSG0000(	0.632843	1.531196	-0.9423	0.54724	0.64731	RP11-501C	chr17	-	47090299	47091087	271
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	FKBP4P1	chr4	-	1.19E+08	1.19E+08	1347
ENSG0000(	1.286224	2.367995	-0.73376	0.55551	0.65469	CTC-250P2	chr5	+	72292747	72293469	723
ENSG0000(	0.36308	13.48524	-4.5247	0.000147	0.00041	RP11-369K	chr8	+	12815896	12819709	1418
ENSG0000(	258.3364	197.4907	0.38477	0.089426	0.14698	RPL32P3	chr3	-	1.29E+08	1.29E+08	2816
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	RP11-531A	chr5	-	5396590	5397081	492
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTD-2122P	chr5	-	41585984	41587889	1562
ENSG0000(	1.027626	6.186219	-2.223	0.074606	0.12591	RP5-1065J.	chr1	-	1.1E+08	1.1E+08	609
ENSG0000(	3.475055	0.640152	2.0141	0.12776	0.1988	AC068134.	chr2	+	2.33E+08	2.33E+08	788
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-404I7	chr4	-	1.34E+08	1.34E+08	587
ENSG0000(	15.206	0	5.5329	5.16E-06	1.71E-05	FOXD1	chr5	-	72740654	72744352	2270
ENSG0000(	3.350849	5.796958	-0.73583	0.40924	0.5142	PPIAP11	chr5	-	81305421	81305913	493
ENSG0000(	3.289235	3.838499	-0.21392	0.83418	0.88339	RP11-197N	chr12	+	1.24E+08	1.24E+08	2191
ENSG0000(	0	2.012704	-2.1825	0.20921	0.29918	RP11-162G	chr4	-	1.79E+08	1.79E+08	758
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP5-862P8	chr1	-	2.33E+08	2.33E+08	324
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP11-155G	chr5	+	96519303	96772921	893
ENSG0000(	1.048164	0	1.348	0.44949	NA	CTD-2130F	chr5	+	37948593	37951157	546
ENSG0000(	6.62892	3.010564	1.0612	0.24592	0.34175	RP11-46A1	chr1	+	1.81E+08	1.81E+08	537
ENSG0000(	0.632843	0	0.81931	0.64303	NA	IMPA1P	chr8	-	82517804	82543369	842
ENSG0000(	6.640085	1.294874	2.1273	0.035444	0.065915	RP11-724N	chr4	+	99417515	99431086	489
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-381N	chr4	+	1.24E+08	1.24E+08	584
ENSG0000(	0	20.11026	-5.7904	5.05E-06	1.68E-05	LINC00605	chr14	-	1.04E+08	1.04E+08	1558
ENSG0000(	3.092251	2.139794	0.41661	0.74159	0.80991	RP11-478C	chr4	-	330047	330575	529
ENSG0000(	0.685084	11.76955	-3.6811	0.000666	0.001696	RP11-572C	chr12	-	1.3E+08	1.3E+08	1986
ENSG0000(	0.632843	0.343138	0.49756	0.77728	NA	TRIM16	chr17	-	15474805	15554967	5514
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-166A	chr5	-	1.22E+08	1.22E+08	1651
ENSG0000(	1.971308	0.594029	1.2788	0.39194	0.49637	RP11-32M2	chr9	-	1.15E+08	1.15E+08	584
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	MTND5P12	chr5	+	93903166	93904614	1449
ENSG0000(	0.870904	0.997859	-0.09987	0.94993	NA	RP11-215G	chr5	-	10664607	10665225	619
ENSG0000(	5.516536	7.223754	-0.33838	0.74035	0.80892	RP11-501C	chr17	+	47114484	47114791	308
ENSG0000(	0.580602	1.40169	-0.82024	0.6196	0.71057	COQ10BP2	chr5	-	82575740	82576463	724
ENSG0000(	1.431782	4.723837	-1.552	0.18188	0.26667	RP11-118N	chr5	+	1.45E+08	1.45E+08	439
ENSG0000(	7027.335	3987.9	0.81602	2.49E-10	1.20E-09	MALAT1	chr11	+	65265233	65273940	8708
ENSG0000(	0	2.278164	-2.6634	0.096176	0.1563	RP11-775H	chr4	-	1.37E+08	1.37E+08	875
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	ALG3P1	chr5	-	5375836	5376949	1114
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-6N13	chr5	-	1.04E+08	1.05E+08	777
ENSG0000(	0.290301	0	0.4146	0.81455	NA	CTD-2170G	chr5	-	61028601	61031496	1265
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-297P	chr4	+	1.04E+08	1.05E+08	825
ENSG0000(	0.943682	0.357707	0.90033	0.60199	NA	RP11-39E3	chr3	-	1.31E+08	1.31E+08	523
ENSG0000(	1.45232	1.188058	0.15687	0.92737	0.95176	RP11-539L	chr4	-	6672452	6675557	422
ENSG0000(	5.136338	2.217472	1.0537	0.33706	0.44087	RP11-464F	chr10	-	75432880	75435692	508
ENSG0000(	0.705622	0.343138	0.57395	0.74355	NA	TET2-AS1	chr4	-	1.06E+08	1.06E+08	537
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-698E	chr4	+	36507665	36510491	2827
ENSG0000(	3.123954	0.891044	1.3168	0.39198	0.4964	MSNP1	chr5	+	25909612	25911343	1732
ENSG0000(	4.709852	1.012429	1.9487	0.095182	0.15497	RP11-728F	chr11	-	1.18E+08	1.18E+08	2872
ENSG0000(	11.80552	15.06014	-0.33605	0.5259	0.62772	ABCA11P	chr4	-	419224	467918	2110
ENSG0000(	1.576526	1.623443	-0.02613	0.98452	0.99109	HADHAP1	chr4	-	1.66E+08	1.66E+08	2284
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-789C	chr4	-	1.33E+08	1.33E+08	582
ENSG0000(	0.653381	0.297015	0.51304	0.77085	NA	RP11-673E	chr4	+	1.45E+08	1.45E+08	1303
ENSG0000(	41.39887	43.9179	-0.08016	0.84124	0.88851	RP11-521B	chr14	-	1.06E+08	1.06E+08	2279
ENSG0000(	0.870904	80.63487	-6.0125	1.57E-14	1.00E-13	RP11-164P	chr4	+	1.53E+08	1.53E+08	304
ENSG0000(	2.209369	8.708827	-1.8139	0.050285	0.089391	RP11-79P5	chr5	+	72747323	72749220	780
ENSG0000(	3.684018	13.29591	-1.7468	0.038803	0.071456	SETP12	chr4	-	1.22E+08	1.22E+08	805
ENSG0000(	1.213446	17.45814	-3.4266	0.000815	0.002051	RP11-610P	chr4	-	1.52E+08	1.52E+08	358

ENSG0000(	0.290301	0.937167	-0.88973	0.60765	NA	HSPA8P19	chr3	+	1.32E+08	1.32E+08	1517
ENSG0000(	9.232258	7.664844	0.25286	0.74651	0.81427	RP11-774C	chr4	-	8356817	8359103	2287
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	STPG2-AS1	chr4	+	98288077	98411315	537
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-826N	chr5	+	1.76E+08	1.76E+08	920
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	UNC93B7	chr4	+	9495380	9499710	705
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-371N	chr5	+	1.13E+08	1.13E+08	570
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-774D	chr5	+	20611949	20937800	1687
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-714L	chr4	+	1.38E+08	1.39E+08	2264
ENSG0000(	16.2157	11.04198	0.54019	0.38133	0.48542	RP11-1280	chr5	-	70398725	70424580	2851
ENSG0000(	0.36308	0	0.4146	0.81455	NA	EMCN-IT1	chr4	-	1.02E+08	1.02E+08	481
ENSG0000(	0.290301	2.96444	-2.4092	0.10342	0.16605	RP11-119D	chr11	+	67653948	67673821	3387
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-20I2(	chr4	+	1107427	1126765	468
ENSG0000(	0	1.029414	-1.1526	0.51496	NA	RP11-192H	chr5	-	25219082	25298721	558
ENSG0000(	0.36308	0	0.4146	0.81455	NA	PRB1	chr12	-	11504757	11548500	1173
ENSG0000(	1.233984	0.297015	1.1901	0.48541	NA	CTD-2154I:	chr5	+	94993766	95020477	725
ENSG0000(	8.892321	8.14152	0.11649	0.87892	0.91569	RP11-326C	chr11	+	318640	325631	1151
ENSG0000(	57.02703	65.53995	-0.20793	0.46758	0.57244	PCDHA12	chr5	+	1.4E+08	1.4E+08	5233
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-700H	chr17	+	49021465	49026111	789
ENSG0000(	9.201368	6.535062	0.46976	0.48298	0.58716	ZNF346-IT1	chr5	+	1.76E+08	1.76E+08	745
ENSG0000(	2.467967	4.317591	-0.69066	0.53736	0.6382	RP11-844P	chr5	+	1.76E+08	1.76E+08	951
ENSG0000(	10.22981	36.36403	-1.8192	0.000143	0.0004	FAM86EP	chr4	-	3943487	3957146	2845
ENSG0000(	0.290301	0	0.4146	0.81455	NA	CTD-2532K	chr5	+	1.74E+08	1.74E+08	457
ENSG0000(	11.00739	30.72813	-1.4684	0.001506	0.003637	CTC-458I2.	chr5	+	79424184	79439706	664
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-669N	chr4	+	14136560	14145216	457
ENSG0000(	1.555988	0	1.8901	0.28116	NA	CTC-575N7	chr5	-	1.29E+08	1.29E+08	631
ENSG0000(	4.616536	2.24661	0.93456	0.34241	0.44633	RP11-631N	chr5	+	60642953	60643543	591
ENSG0000(	1.722083	22.8124	-3.5849	3.26E-06	1.10E-05	RP11-181K	chr4	+	1.47E+08	1.47E+08	794
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP11-752L	chr4	+	1.48E+08	1.49E+08	1028
ENSG0000(	5.197138	43.92447	-3.0048	3.81E-09	1.67E-08	RP11-478C	chr4	-	263655	263964	310
ENSG0000(	2.023549	4.006007	-0.89478	0.40324	0.50794	PTX4	chr16	-	1535887	1538982	1516
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC124890.	chr12	+	69186125	69187743	1619
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	RP1-117B1	chr17	+	48473799	48475249	715
ENSG0000(	26.28536	22.88692	0.1917	0.68151	0.7619	RP11-158K	chr8	+	1.26E+08	1.26E+08	2355
ENSG0000(	1.846289	0	2.122	0.22126	NA	RP11-136C	chr8	+	1.26E+08	1.27E+08	785
ENSG0000(	1.971308	2.788811	-0.41229	0.74154	0.80991	CTD-2373N	chr8	+	30454431	30455049	407
ENSG0000(	0.632843	0.357707	0.4993	0.77637	NA	RP11-648L	chr8	-	59004001	59018853	625
ENSG0000(	1.628766	0.640152	1.0465	0.47122	0.57603	CTB-45I8.1	chr5	-	1.54E+08	1.54E+08	982
ENSG0000(	1.390706	0.997859	0.36103	0.80506	0.8622	RP11-659E	chr8	+	63936931	63937853	667
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	RP11-459E	chr8	+	22547663	22656129	1630
ENSG0000(	0.653381	3.748668	-2.018	0.15359	0.23162	RP11-360L	chr8	-	41391674	41435887	559
ENSG0000(	2.044087	0	2.4801	0.12801	0.19906	CTC-436K1	chr5	+	1.58E+08	1.58E+08	346
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-589C	chr8	-	41986292	41986767	476
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	CTB-164N1	chr5	+	1.73E+08	1.73E+08	753
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	RP11-628E	chr8	+	56438745	56446511	865
ENSG0000(	0	1.058552	-1.361	0.4451	NA	KB-1562D1	chr8	-	1.03E+08	1.03E+08	481
ENSG0000(	15.80975	0	5.618	2.29E-06	7.89E-06	CTA-392E5.	chr8	+	86851934	86963312	517
ENSG0000(	9.388002	11.05742	-0.2402	0.7239	0.79565	PCDHGA12	chr5	+	1.41E+08	1.41E+08	4747
ENSG0000(	73.90646	0.654722	6.3096	3.91E-13	2.28E-12	RP11-150C	chr8	-	37278859	37411701	1093
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-563N	chr8	+	20207721	20230280	759
ENSG0000(	1.016461	0	1.3167	0.46021	NA	RP11-585F	chr8	-	152660	152897	164
ENSG0000(	1.919068	0.343138	1.8342	0.23468	0.32849	KIAA0196-/	chr8	+	1.26E+08	1.26E+08	587
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-326L	chr8	+	17561497	17563696	735
ENSG0000(	0	33.37844	-6.6177	1.06E-08	4.51E-08	RP11-431J	chr4	+	98041852	98056210	525
ENSG0000(	3.028845	0	3.0462	0.050022	0.088995	CTB-118P1	chr8	+	88986393	89031341	647
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-152C	chr8	-	71016028	71016414	387
ENSG0000(	3.807246	5.941033	-0.62298	0.48825	0.59234	RP11-360L	chr8	-	41397900	41402563	884
ENSG0000(	0.290301	0.654722	-0.51764	0.76892	NA	RP11-267N	chr8	+	95577264	95577943	375
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-1149	chr8	+	27695994	27697899	717
ENSG0000(	4.721017	0.700845	2.3857	0.053865	0.094907	RP11-410L	chr8	-	1E+08	1E+08	436
ENSG0000(	0.632843	0	0.81931	0.64303	NA	RP11-13N1	chr8	+	16461764	16522388	458
ENSG0000(	56.3756	0.686276	5.9172	3.74E-11	1.91E-10	HOXA-AS4	chr7	+	27208238	27211534	1161
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-158A	chr8	-	5893955	5894496	331
ENSG0000(	0.685084	1.370136	-0.68229	0.68128	0.76172	AC084082.	chr8	+	67024902	67027440	954
ENSG0000(	0.653381	0	0.82678	0.64037	NA	FCGR1C	chr1	+	1.49E+08	1.49E+08	1122
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	RP11-351A	chr6	+	1.19E+08	1.19E+08	471

ENSG0000(	0	1.073121	-1.1788	0.50551	NA	RP11-706C	chr8	+	1.44E+08	1.44E+08	670
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	CTD-3239E	chr8	+	93895212	93977873	602
ENSG0000(	34.85389	8.311444	2.037	2.26E-05	6.97E-05	RP11-582J	chr8	-	22471421	22474170	2750
ENSG0000(	71.9385	51.0235	0.49897	0.10962	0.17445	GUSBP3	chr5	-	68790040	69006341	1334
ENSG0000(	1.048164	0.297015	0.97802	0.57083	NA	RP5-1009N	chr8	+	30778576	30778851	276
ENSG0000(	0.653381	0	0.82678	0.64037	NA	CTD-3046C	chr8	-	64297397	64382763	1762
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-1G11	chr8	+	26405185	26405979	795
ENSG0000(	8.632745	14.98172	-0.78608	0.27721	0.37747	RP11-809C	chr8	-	1.42E+08	1.42E+08	505
ENSG0000(	1.971308	4.305438	-1.0158	0.33537	0.43902	RP11-546B	chr5	+	1.71E+08	1.71E+08	1117
ENSG0000(	2.540746	3.054271	-0.21249	0.85389	0.89735	KLF3P1	chr5	-	1.72E+08	1.72E+08	1022
ENSG0000(	0.342542	0	0.4146	0.81455	NA	HIGD1AP6	chr8	+	76214531	76214809	279
ENSG0000(	0	497.2429	-10.212	1.08E-20	9.38E-20	LINC00599	chr8	-	9757574	9762876	3334
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-32K4	chr8	+	65244484	65244709	226
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-359B	chr8	+	33380672	33380809	138
ENSG0000(	1.431782	0	1.7261	0.329	NA	CTD-2313P	chr5	-	1.64E+08	1.64E+08	520
ENSG0000(	0.36308	0	0.4146	0.81455	NA	MTND1P36	chr11	-	1.03E+08	1.03E+08	936
ENSG0000(	24.69172	36.66179	-0.56316	0.16213	0.24244	RP11-122A	chr8	-	91970865	91997485	894
ENSG0000(	17.35457	16.5622	0.069098	0.88582	0.92025	CTC-534A2	chr5	+	64920592	64926718	1766
ENSG0000(	0	10.03197	-4.6681	0.001003	0.002486	RP11-10A1	chr8	-	9037761	9040029	328
ENSG0000(	0.342542	0	0.4146	0.81455	NA	MTND4P7	chr8	-	13210910	13211039	130
ENSG0000(	3.682226	0.654722	2.055	0.12045	0.18944	KB-1507C5	chr8	+	1.04E+08	1.04E+08	533
ENSG0000(	0.685084	0.715414	-0.02805	0.98738	NA	PCAT2	chr8	-	1.28E+08	1.28E+08	575
ENSG0000(	0.923144	1.029414	-0.08353	0.96007	0.97614	RP11-128L	chr8	+	1.42E+08	1.42E+08	1064
ENSG0000(	0	1.029414	-1.1526	0.51496	NA	RP11-99A1	chr8	+	74743378	74744182	805
ENSG0000(	318.8352	89.54457	1.8193	2.17E-14	1.37E-13	CCDC71L	chr7	-	1.06E+08	1.06E+08	4232
ENSG0000(	0.36308	0	0.4146	0.81455	NA	KB-1410C5	chr8	+	1.02E+08	1.02E+08	731
ENSG0000(	4.023955	15.1168	-1.7829	0.020243	0.039889	RP11-282K	chr12	+	19300008	19307593	5391
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	RP11-298P	chr8	-	87605983	87606817	835
ENSG0000(	285.4364	4.460793	4.6548	0.00138	0.00335	HOXA10	chr7	-	27210210	27219880	2541
ENSG0000(	1.08924	0.297015	0.89622	0.61378	NA	RP11-779C	chr5	+	1.72E+08	1.72E+08	472
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-513C	chr8	+	58055248	58152857	2292
ENSG0000(	0.72616	0.357707	0.52227	0.76959	NA	STAU2-AS1	chr8	+	74332239	74353761	2076
ENSG0000(	253.7655	996.9385	-1.9693	3.84E-28	4.57E-27	TMEM200B	chr1	-	29445940	29450447	2553
ENSG0000(	1687.861	129.2193	3.6985	2.69E-151	3.10E-149	PCDHGB6	chr5	+	1.41E+08	1.41E+08	4599
ENSG0000(	2.116866	3.757532	-0.72762	0.55685	0.65589	RP11-10J2	chr8	-	1.42E+08	1.42E+08	397
ENSG0000(	1.524285	2.263595	-0.44168	0.75464	0.82134	RP1-170O1	chr7	-	27278862	27280847	757
ENSG0000(	32.51355	28.86508	0.16804	0.65212	0.73745	SERPINE3	chr13	+	51909909	51938871	2293
ENSG0000(	0	172.1556	-8.8586	3.63E-16	2.53E-15	C1orf210	chr1	-	43747554	43751288	1478
ENSG0000(	1.681007	0.700845	1.0105	0.49021	0.59421	RP11-142A	chr8	+	73108569	73114504	798
ENSG0000(	23.47144	28.75914	-0.27913	0.57356	0.67071	KB-1507C5	chr8	+	1.04E+08	1.04E+08	756
ENSG0000(	0.72616	0.98329	-0.3153	0.85196	NA	RP11-261C	chr1	-	2.43E+08	2.43E+08	1243
ENSG0000(	0.290301	2.024857	-1.7829	0.27658	0.3768	RAD21-AS1	chr8	+	1.18E+08	1.18E+08	2010
ENSG0000(	0.290301	4.141961	-2.8394	0.047653	0.085328	KB-431C1.3	chr8	-	1.03E+08	1.03E+08	295
ENSG0000(	4.076195	6.191924	-0.54745	0.5236	0.62598	RP11-697N	chr8	-	48423596	48424703	1108
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	RP11-497H	chr5	-	69790927	69796730	371
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	RP13-923C	chr8	+	82704058	82727949	478
ENSG0000(	1.722083	1.294874	0.31592	0.80921	0.8655	RP11-420B	chr8	+	18846789	18858462	545
ENSG0000(	3.536669	7.028723	-0.90972	0.30588	0.40743	RP11-730G	chr8	-	75515479	75516479	1001
ENSG0000(	9.563635	4.288452	1.1139	0.13707	0.21039	CTD-2026D	chr17	-	45486688	45500892	513
ENSG0000(	0	8.886072	-4.6935	0.000397	0.001044	MIR4454	chr5	-	1.7E+08	1.7E+08	602
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	RP11-127H	chr8	+	1.06E+08	1.06E+08	720
ENSG0000(	1809.408	1208.899	0.58109	0.000104	0.000296	TUG1	chr22	+	31366663	31375381	5673
ENSG0000(	1.370168	0.297015	1.1469	0.51585	NA	KB-1460A1	chr8	+	1.02E+08	1.02E+08	498
ENSG0000(	0.36308	1.372552	-1.1173	0.52587	NA	CTB-78F1.2	chr5	+	1.67E+08	1.67E+08	474
ENSG0000(	0.653381	0.98329	-0.41986	0.79515	NA	GS1-251I9.	chr8	+	92028816	92030883	398
ENSG0000(	2.914991	2.618886	0.13906	0.90327	0.93306	RP11-675F	chr8	-	38401170	38410198	379
ENSG0000(	8.974473	8.026583	0.15647	0.81952	0.87319	RP11-589F	chr5	+	70046954	70149508	640
ENSG0000(	91.42371	948.4121	-3.3658	4.47E-70	1.61E-68	TRNP1	chr1	+	27320198	27327389	1958
ENSG0000(	0	2.742687	-2.9066	0.064462	0.11107	RP11-1081	chr8	-	54307771	54308506	594
ENSG0000(	1.161205	0	1.2509	0.47995	NA	CTB-56J15.	chr5	-	1.56E+08	1.56E+08	110
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-587H	chr8	-	93512811	93522044	614
ENSG0000(	1.887365	5.332435	-1.328	0.20418	0.29329	RP11-44N1	chr8	+	1.24E+08	1.24E+08	758
ENSG0000(	1.068702	8.781672	-2.8103	0.006947	0.01505	RP11-1102	chr8	-	72315675	72504260	1797
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-116B	chr8	+	74502809	74503118	310
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTD-2547L	chr8	-	17946078	17947196	1119

ENSG0000(	2.293312	1.949596	0.19548	0.878	0.91499	KB-1254G8	chr8	+	1.04E+08	1.04E+08	770
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	RP11-930P	chr8	+	41518509	41523084	1088
ENSG0000(	2.354926	0.951736	1.0608	0.42205	0.52756	CTC-756D1	chr8	+	23316114	23342484	630
ENSG0000(	2.540746	1.949596	0.33249	0.78919	0.84952	AC006277.	chr19	-	2915144	2926805	776
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RANP9	chr8	+	32897041	32897311	271
ENSG0000(	1.08924	0.343138	0.88459	0.61802	NA	KB-1460A1	chr8	-	1.02E+08	1.02E+08	430
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-775B	chr8	-	1.2E+08	1.2E+08	325
ENSG0000(	0.653381	2.742687	-1.6733	0.22187	0.31403	AC078852.	chr4	+	1352267	1353249	441
ENSG0000(	0	1.713273	-2.2094	0.18675	NA	RP11-337A	chr9	+	26801731	26805860	371
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC034243.	chr5	-	1.38E+08	1.38E+08	587
ENSG0000(	1.370168	0.686276	0.60093	0.73056	0.80108	EVX1-AS	chr7	-	27281048	27286848	576
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	RP11-231D	chr8	-	42091193	42128715	815
ENSG0000(	3.817597	0.343138	2.7249	0.056919	0.099662	RP11-150C	chr8	-	37373928	37374539	510
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP11-109J	chr5	-	1.6E+08	1.6E+08	2323
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-642D	chr8	-	1.07E+08	1.07E+08	649
ENSG0000(	0.632843	0	0.81931	0.64303	NA	CTC-436K1	chr5	+	1.58E+08	1.58E+08	548
ENSG0000(	5.974725	45.28487	-2.8185	2.74E-07	1.03E-06	RP11-10A1	chr8	+	9009252	9025646	826
ENSG0000(	0	2.681995	-2.9147	0.061147	0.10611	CTB-43E15.	chr5	+	1.73E+08	1.73E+08	513
ENSG0000(	0.36308	0.715414	-0.51558	0.77246	NA	RP11-14I17	chr8	+	26280109	26281445	508
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-442A	chr8	-	63775641	63776740	1100
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC083843.	chr8	+	1.36E+08	1.36E+08	519
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-90P5	chr8	+	37979892	37979998	107
ENSG0000(	0.290301	0.997859	-1.0217	0.53916	NA	PCAT1	chr8	+	1.28E+08	1.28E+08	1992
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-619L	chr5	-	1.74E+08	1.74E+08	545
ENSG0000(	7.271136	0	4.4092	0.001072	0.002645	RP11-473J	chr8	+	35719641	35828183	578
ENSG0000(	0.342542	0.700845	-0.57269	0.74414	NA	CTD-2594K	chr8	+	1.06E+08	1.06E+08	344
ENSG0000(	2.656392	0	2.8491	0.072291	0.12249	RP11-770E	chr8	+	49533025	49536455	289
ENSG0000(	1.722083	0	2.21	0.18654	NA	CTD-2363C	chr5	+	1.58E+08	1.58E+08	542
ENSG0000(	0.632843	1.294874	-0.78057	0.60302	0.69637	SMIM18	chr8	+	30496117	30503581	905
ENSG0000(	3.527296	2.993578	0.23045	0.81892	0.87272	AL139099.	chr14	-	50064193	50065882	1690
ENSG0000(	1.555988	0.700845	0.90082	0.55876	0.65763	HMGB1P19	chr8	+	1.24E+08	1.24E+08	577
ENSG0000(	1.317927	0	1.6383	0.35541	NA	KB-1517D1	chr8	-	99425110	99426012	587
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-175E	chr8	+	23564654	23647000	252
ENSG0000(	0.943682	1.280305	-0.32812	0.82999	0.88025	RP11-110G	chr8	-	52808517	52808934	283
ENSG0000(	6.753939	2.321872	1.4051	0.15635	0.23525	RP11-395I1	chr8	-	25283037	25284096	528
ENSG0000(	5.290455	18.65916	-1.7635	0.007768	0.01665	RP11-1C8.4	chr8	-	1.04E+08	1.05E+08	722
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-744J	chr8	-	70337270	70360479	1134
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-39H3	chr5	-	1.8E+08	1.8E+08	1015
ENSG0000(	3.963155	1.058552	1.6916	0.15904	0.23848	CTC-756D1	chr8	-	23340529	23341047	519
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-109P	chr8	-	50730146	50733504	412
ENSG0000(	5.90276	8.978319	-0.57511	0.42217	0.52764	PCDHGA5	chr5	+	1.41E+08	1.41E+08	4602
ENSG0000(	0.943682	0	1.2438	0.48556	NA	AC145110.	chr8	+	29605825	29656008	2980
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	CDH12P3	chr5	+	69428506	69428800	295
ENSG0000(	30.63556	0.715414	5.0554	7.33E-08	2.89E-07	RP11-13N1	chr8	-	16534414	16772553	543
ENSG0000(	0	1.995719	-2.4883	0.12386	0.19391	RP11-393K	chr8	-	1.15E+08	1.15E+08	512
ENSG0000(	13.10372	0	5.3208	1.42E-05	4.48E-05	AF121898.	chr8	-	88554214	88767946	1044
ENSG0000(	0.290301	0.654722	-0.51764	0.76892	NA	ATP6V1G1I	chr8	-	48105625	48105970	346
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP11-653B	chr8	-	83426803	83589388	544
ENSG0000(	0	545.7044	-10.375	5.93E-22	5.44E-21	CTD-2501M	chr8	+	1.32E+08	1.32E+08	884
ENSG0000(	33.51803	0	6.6748	3.07E-09	1.36E-08	RP1-170O1	chr7	-	27226192	27233067	556
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-6D1..	chr8	-	1.26E+08	1.26E+08	412
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-417F	chr2	+	46726870	46728417	399
ENSG0000(	0.995923	0.297015	1.0163	0.54122	NA	HMGB1P41	chr8	-	81724377	81724816	440
ENSG0000(	8.964122	3.183777	1.3628	0.12191	0.19139	AC106801.	chr5	+	1.57E+08	1.57E+08	1845
ENSG0000(	0.685084	3.526915	-1.9658	0.14667	0.22265	RP11-798K	chr5	-	1.79E+08	1.79E+08	290
ENSG0000(	0.685084	0.297015	0.4735	0.79064	NA	hsa-mir-14	chr5	+	1.6E+08	1.6E+08	2301
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-152P	chr8	+	1.07E+08	1.07E+08	445
ENSG0000(	1.233984	1.355566	-0.07449	0.95815	0.97466	RP11-347C	chr8	-	95986801	95987081	281
ENSG0000(	0.290301	0.654722	-0.51764	0.76892	NA	CTD-2340D	chr8	+	1E+08	1E+08	595
ENSG0000(	0.36308	1.66715	-1.5237	0.35755	0.46184	RP11-624C	chr8	-	24153327	24769586	741
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-1174	chr5	-	70771588	70772143	556
ENSG0000(	2.012384	3.526915	-0.74973	0.48649	0.5904	PCDHGA7	chr5	+	1.41E+08	1.41E+08	4605
ENSG0000(	1.919068	0.357707	1.8355	0.23402	0.3277	RP11-402L	chr8	-	1.01E+08	1.01E+08	648
ENSG0000(	32.08625	28.0744	0.19199	0.6155	0.70721	FAM86HP	chr3	-	1.3E+08	1.3E+08	959
ENSG0000(	0.36308	0	0.4146	0.81455	NA	PYDC2	chr3	+	1.91E+08	1.91E+08	294

ENSG0000(	3.019472	5.554188	-0.82944	0.3702	0.47467	RP11-317J	chr8	-	86354080	86377144	591
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-115C	chr8	-	6331366	6331809	444
ENSG0000(	75.9926	0	7.7798	1.26E-12	7.11E-12	HOXA-AS2	chr7	+	27147396	27173921	2455
ENSG0000(	6.370321	3.792375	0.67029	0.45739	0.56257	RP11-586K	chr8	+	89339065	89749363	1469
ENSG0000(	0	14.5738	-5.407	1.75E-05	5.45E-05	RP11-32K4	chr8	-	64599737	65281115	581
ENSG0000(	0.580602	0	0.8036	0.6494	NA	KB-1639H6	chr8	+	1.04E+08	1.04E+08	1409
ENSG0000(	0.685084	1.073121	-0.37207	0.83246	NA	CTD-2179L	chr5	-	77337703	77339962	2260
ENSG0000(	2.49967	1.874334	0.35019	0.77971	0.84184	OSGEPL1-A	chr2	+	1.91E+08	1.91E+08	567
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	RP11-181B	chr8	+	28304781	28313419	443
ENSG0000(	3.362014	3.916176	-0.21583	0.82691	0.87805	RNF5P1	chr8	-	38458179	38458718	540
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-284H	chr8	+	1.41E+08	1.41E+08	453
ENSG0000(	2.064625	0.343138	1.8971	0.21788	0.30936	GS1-5L10.1	chr8	+	92988136	92989646	410
ENSG0000(	1.431782	0.343138	1.3118	0.43803	NA	RP11-473A	chr8	-	30989055	30989318	264
ENSG0000(	2.044087	2.915901	-0.46003	0.70829	0.78314	RP11-649G	chr8	-	1.08E+08	1.08E+08	504
ENSG0000(	0	2.024857	-2.2291	0.19662	0.28458	RP11-573J	chr8	+	64498558	64501966	730
ENSG0000(	1.701545	0	2.2228	0.18134	NA	KB-1184D1	chr8	-	95109992	95116550	668
ENSG0000(	1.379541	0	1.686	0.34092	NA	RP11-723D	chr8	+	38657161	38659814	356
ENSG0000(	22.12702	1.935026	3.332	6.46E-06	2.12E-05	CTC-265N9	chr5	-	1.7E+08	1.7E+08	1571
ENSG0000(	0.653381	0.594029	0.059135	0.97278	NA	CTD-3064M	chr8	+	1.42E+08	1.42E+08	796
ENSG0000(	0	2.976593	-2.7957	0.092852	0.15184	CTD-2320G	chr8	-	75259992	75262285	590
ENSG0000(	2.293312	4.184053	-0.73487	0.57024	0.66741	SLC10A5	chr8	-	82605842	82608409	2568
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	CTA-397H3	chr8	+	56987151	56987833	557
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-489E	chr8	+	29763251	29766472	550
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-557C	chr8	+	1.24E+08	1.24E+08	625
ENSG0000(	1.628766	0	2.1781	0.19145	NA	RP11-770E	chr8	+	49464127	49611069	2372
ENSG0000(	1.016461	1.652581	-0.58182	0.67755	0.75844	RP11-875C	chr8	-	22928890	22932001	484
ENSG0000(	0	1.591889	-2.1342	0.20414	NA	RP11-394C	chr5	-	1.49E+08	1.49E+08	401
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC144568.	chr8	-	14091	14320	137
ENSG0000(	0.342542	0.700845	-0.57269	0.74414	NA	RP11-255L	chr8	-	90255630	90256022	393
ENSG0000(	20.16769	43.19356	-1.08	0.010181	0.021375	EIF5AL1	chr10	+	81272357	81276188	3832
ENSG0000(	0.632843	0	0.81931	0.64303	NA	CTC-370J7.	chr5	-	1.57E+08	1.57E+08	204
ENSG0000(	1.016461	0	1.3167	0.46021	NA	RP11-486M	chr8	+	29384829	29387840	642
ENSG0000(	1.213446	5.909479	-1.9818	0.072587	0.12293	KB-1980E6	chr8	+	1.04E+08	1.04E+08	740
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-587H	chr8	-	93577671	93667722	587
ENSG0000(	10.66404	183.6917	-4.0447	3.25E-28	3.87E-27	RP11-531A	chr8	+	73964413	73975296	3549
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	KB-1589B1	chr8	-	98870277	98871175	252
ENSG0000(	0	1.591889	-2.1342	0.20414	NA	CTD-2281E	chr8	-	1244292	1250829	3014
ENSG0000(	2.604151	2.012704	0.32312	0.80061	0.85881	RP11-981G	chr8	+	10332075	10339484	562
ENSG0000(	0.72616	0.297015	0.51367	0.77334	NA	RP11-317M	chr8	+	33462374	33896526	784
ENSG0000(	0.632843	0.343138	0.49756	0.77728	NA	CTD-2270F	chr5	+	1.7E+08	1.7E+08	1215
ENSG0000(	0.632843	1.995719	-1.3071	0.35187	0.456	PRSS51	chr8	-	10340388	10405095	1123
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-798K	chr5	-	1.79E+08	1.79E+08	535
ENSG0000(	0	1.234181	-1.5727	0.37581	NA	CTC-248O1	chr5	-	1.57E+08	1.57E+08	911
ENSG0000(	0.342542	0	0.4146	0.81455	NA	IGJP1	chr8	-	85892308	85892782	475
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-25P1	chr8	+	1.1E+08	1.1E+08	532
ENSG0000(	3.609448	0	3.3159	0.028634	0.054474	RP11-600K	chr8	-	69824038	70016425	2367
ENSG0000(	0.290301	0	0.4146	0.81455	NA	CTC-353G1	chr5	-	1.67E+08	1.67E+08	663
ENSG0000(	73.23507	0.343138	6.8946	1.52E-11	7.95E-11	ZFHX4-AS1	chr8	-	77403435	77595513	1711
ENSG0000(	8.930791	20.04702	-1.1162	0.044371	0.080144	RP11-30L1	chr8	+	54883791	54886770	2479
ENSG0000(	36.23441	1.294874	4.5377	3.93E-09	1.72E-08	KB-1732A1	chr8	+	1.04E+08	1.04E+08	2770
ENSG0000(	1.370168	0.640152	0.71762	0.66877	0.75144	TAGLN2P1	chr8	-	1.08E+08	1.08E+08	587
ENSG0000(	0.870904	0	1.046	0.5544	NA	RP11-981G	chr8	-	10335001	10336885	489
ENSG0000(	11.39101	19.58491	-0.77447	0.12578	0.19638	CTB-79E8.3	chr5	-	1.72E+08	1.72E+08	192
ENSG0000(	0	21.55149	-6.056	1.87E-07	7.12E-07	CTB-43E15.	chr5	-	1.73E+08	1.73E+08	2361
ENSG0000(	1.701545	0	2.2228	0.18134	NA	RP11-567J	chr8	-	49464575	49469001	764
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTC-535M1	chr5	+	1.65E+08	1.65E+08	734
ENSG0000(	0	6.826372	-4.3049	0.001617	0.003879	RP11-439C	chr8	+	1919563	1924644	815
ENSG0000(	2.064625	1.788535	0.17396	0.90424	0.93383	RP11-1081	chr8	-	9515805	9515948	144
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-1259	chr5	+	1.78E+08	1.78E+08	666
ENSG0000(	6.930386	0	4.3858	0.000946	0.002356	RP11-567J	chr8	-	49510018	49533578	559
ENSG0000(	4.491516	2.261179	0.88785	0.40742	0.51213	RP11-267M	chr8	+	95565950	95581973	1789
ENSG0000(	0.290301	23.21214	-5.2788	4.62E-06	1.54E-05	RP11-758M	chr8	-	75711019	75779174	2810
ENSG0000(	0.705622	1.623443	-0.93459	0.54345	0.64389	RP11-51J9.	chr8	-	30034070	30038404	583
ENSG0000(	179.1437	97.26668	0.87697	5.48E-06	1.81E-05	ALG11	chr13	+	52586534	52603800	4574
ENSG0000(	1.431782	0.98329	0.38238	0.80381	0.8613	RP11-697M	chr8	-	76079939	76088891	490

ENSG0000(	27.19816	35.39289	-0.37346	0.33922	0.44316	RP13-582C	chr8	-	1.44E+08	1.44E+08	689
ENSG0000(	0	1.355566	-1.9006	0.26573	NA	RP11-281C	chr5	+	1.78E+08	1.78E+08	358
ENSG0000(	1577.281	1509.873	0.062894	0.51626	0.61906	ATXN7L3B	chr12	+	74931551	74935223	3673
ENSG0000(	4.429902	8.03712	-0.78668	0.40275	0.50749	RP11-473C	chr8	+	1.31E+08	1.31E+08	549
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-449N	chr8	-	70899650	70899932	283
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-313C	chr8	+	73644280	73664078	1722
ENSG0000(	8175.827	10222.11	-0.322	0.000379	0.000999	PRKDC	chr8	-	48685669	48872743	13508
ENSG0000(	2.551911	5.468389	-0.98253	0.31037	0.41234	RP11-893F	chr17	-	48235694	48238637	547
ENSG0000(	6.576679	12.02614	-0.84682	0.19378	0.28129	PCDHGA6	chr5	+	1.41E+08	1.41E+08	4605
ENSG0000(	7.811476	1.340997	2.3145	0.022004	0.043028	LZTS1-AS1	chr8	+	20133284	20147969	892
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-579E	chr8	+	64681988	64698058	3712
ENSG0000(	0.580602	0.297015	0.36801	0.83644	NA	RP11-779C	chr5	+	1.72E+08	1.72E+08	352
ENSG0000(	267.9032	179.9213	0.57445	0.006699	0.014547	GS1-251I9.	chr8	-	92072137	92082417	4275
ENSG0000(	1.016461	3.025133	-1.3407	0.29724	0.3992	RP11-90P5	chr8	-	38023530	38023636	107
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	KB-1083B1	chr8	+	1.02E+08	1.02E+08	449
ENSG0000(	0.580602	0.951736	-0.43779	0.79667	NA	CTD-2292P	chr8	-	1.44E+08	1.44E+08	5684
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC025442.	chr5	-	65439984	65440623	481
ENSG0000(	15.24113	0	5.5233	5.60E-06	1.85E-05	RP11-527N	chr8	-	37262957	37264242	578
ENSG0000(	3.278071	4.821789	-0.52838	0.5587	0.65762	RP11-35G2	chr8	+	1.09E+08	1.09E+08	447
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-579E	chr8	+	64617314	64664235	566
ENSG0000(	0.580602	6.428247	-2.8804	0.018111	0.036082	RP11-439C	chr8	-	1920736	1922803	557
ENSG0000(	9.54391	9.145827	0.069867	0.91613	0.9432	PCDHGA8	chr5	+	1.41E+08	1.41E+08	4605
ENSG0000(	0.580602	0.654722	-0.07721	0.96449	NA	HMGB1P23	chr8	+	29076422	29076989	568
ENSG0000(	2.67693	7.152525	-1.3199	0.14328	0.2182	TPTE2P1	chr13	-	25498815	25542625	770
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-34P1	chr5	+	1.6E+08	1.6E+08	701
ENSG0000(	1.048164	1.294874	-0.27358	0.85003	0.89459	KB-1047C1	chr8	+	96216684	96822364	617
ENSG0000(	0	1.340997	-1.8899	0.26871	NA	RP11-1145	chr8	-	73787094	73793975	488
ENSG0000(	0.580602	0.297015	0.36801	0.83644	NA	CTC-308K2	chr5	+	1.72E+08	1.72E+08	864
ENSG0000(	2.116866	0	2.2857	0.18371	0.26889	CTC-436K1	chr5	-	1.58E+08	1.58E+08	314
ENSG0000(	1.048164	0.357707	0.98599	0.56649	NA	RP11-293D	chr8	-	30840975	30841837	863
ENSG0000(	0.685084	0	0.85004	0.63064	NA	MTND1P5	chr8	+	1.04E+08	1.04E+08	940
ENSG0000(	652.9879	455.0426	0.52091	7.08E-05	0.000205	UTP14C	chr13	+	52598827	52607736	5529
ENSG0000(	0.290301	2.056411	-1.914	0.21479	0.3057	AB015752.	chr8	-	91605032	91618293	738
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-93O7	chr5	-	1.24E+08	1.24E+08	285
ENSG0000(	1.555988	0	1.8901	0.28116	NA	CTD-2363C	chr5	+	1.58E+08	1.58E+08	563
ENSG0000(	27.97337	32.76589	-0.22403	0.63749	0.72566	RP11-1415	chr5	-	69515745	69580686	593
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-246K	chr8	+	58405443	58504118	567
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	RP11-96A1	chr4	-	1.21E+08	1.21E+08	474
ENSG0000(	2.137404	2.338857	-0.13712	0.91194	0.93967	RP11-723D	chr8	-	38702384	38703957	387
ENSG0000(	9.087514	0	4.7983	0.000168	0.000466	AC005895.	chr5	-	1.5E+08	1.5E+08	1023
ENSG0000(	0.36308	0.640152	-0.51156	0.77091	NA	RP11-367E	chr8	+	74896728	74897118	391
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-705C	chr8	-	62734040	62737811	606
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-731N	chr8	-	83775014	83870931	814
ENSG0000(	42.39739	2.681995	3.8746	2.24E-10	1.09E-09	RP11-177H	chr8	+	23193684	23223638	4374
ENSG0000(	0	6.252617	-4.2312	0.001721	0.004116	RP11-44K6	chr8	+	39771748	39773240	102
ENSG0000(	52.56315	63.99889	-0.27528	0.4294	0.53486	PCDHGA10	chr5	+	1.41E+08	1.41E+08	4617
ENSG0000(	0.290301	1.966581	-1.7552	0.28477	0.3861	RP11-10N2	chr8	+	94753421	94756762	530
ENSG0000(	0.943682	0.343138	0.89828	0.6031	NA	CTB-140J7.	chr5	-	1.5E+08	1.5E+08	617
ENSG0000(	29.66873	29.2965	0.015997	0.97002	0.98334	RP11-10N2	chr8	+	94731802	94733395	939
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-386G	chr8	+	56074043	56077287	496
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTB-147C1	chr5	-	1.7E+08	1.7E+08	567
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-157I4	chr8	+	82351671	82434053	546
ENSG0000(	36.17263	0	6.7765	1.63E-09	7.38E-09	AC131025.	chr5	+	1.49E+08	1.49E+08	5131
ENSG0000(	0	1.684135	-2.1921	0.19067	NA	RP11-394C	chr5	+	1.49E+08	1.49E+08	588
ENSG0000(	0.290301	0.594029	-0.38058	0.83094	NA	PIGFP1	chr5	+	1.78E+08	1.78E+08	653
ENSG0000(	19.90648	50.73877	-1.3306	0.000465	0.001214	PCDHGA11	chr5	+	1.41E+08	1.41E+08	3936
ENSG0000(	1.265686	0	1.6147	0.36215	NA	RP11-16P2	chr8	+	27590855	27613943	584
ENSG0000(	8.878551	28.32946	-1.6095	0.009879	0.020787	RP11-347C	chr8	+	95962265	95963624	709
ENSG0000(	3.289235	0.357707	2.5081	0.08672	0.14321	RP11-61L2	chr7	-	1.43E+08	1.44E+08	2973
ENSG0000(	0.290301	0	0.4146	0.81455	NA	ARF1P3	chr8	+	1.25E+08	1.25E+08	511
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-770E	chr8	-	49569820	49571454	594
ENSG0000(	0	2.024857	-2.2291	0.19662	0.28458	FAM85B	chr8	-	8025341	8084136	792
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-45K1	chr8	+	64378407	64388040	3222
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-51M:	chr8	+	84315993	84321135	1521
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-613H	chr8	-	26921513	26922795	1283

ENSG0000(	0	2.338857	-2.7203	0.085631	0.14161	RP11-122C	chr8	-	92555152	92919847	577
ENSG0000(	3.879211	2.742687	0.47843	0.6401	0.72726	RP11-252I	chr5	+	1.8E+08	1.8E+08	687
ENSG0000(	18.765	22.13666	-0.23305	0.6106	0.70317	PCDHGB2	chr5	+	1.41E+08	1.41E+08	4602
ENSG0000(	0.653381	1.043983	-0.46504	0.7732	NA	KB-1205A7	chr8	+	99615481	99618568	301
ENSG0000(	1.722083	0.715414	0.97286	0.52623	0.628	MAPRE1P1	chr8	-	1.37E+08	1.37E+08	797
ENSG0000(	0	7.70043	-4.5518	0.000476	0.001239	AC226119.	chr4	-	3916910	3957148	899
ENSG0000(	0.290301	0.640152	-0.50256	0.77558	NA	PRKRIRP7	chr8	-	79672377	79674666	2290
ENSG0000(	0.943682	0.951736	-0.00794	0.99598	NA	CTB-113P1	chr5	+	1.51E+08	1.51E+08	570
ENSG0000(	1.048164	0	1.348	0.44949	NA	KB-1980E6	chr8	+	1.03E+08	1.03E+08	975
ENSG0000(	0.290301	1.073121	-0.88899	0.61676	NA	RP11-382A	chr8	+	1.28E+08	1.28E+08	290
ENSG0000(	10.58091	4.850927	1.0612	0.14841	0.22499	RP11-1149	chr8	+	23046792	23048188	637
ENSG0000(	0.685084	8.464384	-3.1832	0.006297	0.013755	RP11-909N	chr8	+	1.44E+08	1.44E+08	544
ENSG0000(	6.524438	0	4.2895	0.001406	0.003408	RP11-10C8	chr8	+	13196083	13200263	3488
ENSG0000(	1.669842	0	1.9671	0.26049	NA	MRPL49P2	chr8	+	16232127	16232591	465
ENSG0000(	0	3.368271	-3.2288	0.033754	0.063065	RP11-44K6	chr8	-	39761294	39852767	502
ENSG0000(	0.705622	2.131673	-1.2067	0.43231	0.53783	RP11-156K	chr8	+	17658854	17718578	510
ENSG0000(	17.04634	16.0637	0.073964	0.88319	0.91853	RP11-410L	chr8	-	1E+08	1E+08	380
ENSG0000(	410.622	98.38922	2.0539	1.49E-35	2.31E-34	PCDHGB4	chr5	+	1.41E+08	1.41E+08	4578
ENSG0000(	2.116866	6.085109	-1.4145	0.18268	0.26759	HMGN1P3	chr15	+	93254977	93256105	1129
ENSG0000(	3.785894	2.514486	0.51718	0.64449	0.73136	CTB-33O18	chr5	+	1.73E+08	1.73E+08	1777
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-211F	chr8	-	1.11E+08	1.11E+08	773
ENSG0000(	0.580602	21.91819	-4.5904	7.28E-06	2.38E-05	CLDN23	chr8	+	8559448	8561616	2169
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTB-43E15.	chr5	+	1.73E+08	1.73E+08	494
ENSG0000(	0.580602	4.403389	-2.3192	0.087744	0.14464	RP11-363L	chr8	-	31024594	31034683	643
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTC-329D1	chr5	-	1.4E+08	1.4E+08	570
ENSG0000(	1.338465	6.742246	-2.1333	0.038739	0.071342	CTC-455F1	chr5	+	1.7E+08	1.7E+08	1337
ENSG0000(	0	12.76183	-5.1238	0.000119	0.000335	RP11-333A	chr8	+	71383369	71397922	2367
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTB-32H22	chr5	+	1.73E+08	1.73E+08	539
ENSG0000(	0	5.539619	-4.0001	0.004437	0.00996	RP11-4K16	chr8	-	1.2E+08	1.2E+08	603
ENSG0000(	0.870904	1.309443	-0.38061	0.81589	0.87074	RP11-467K	chr11	+	9025709	9086701	960
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-386G	chr8	-	56047763	56054918	813
ENSG0000(	9.36665	6.558496	0.51284	0.50273	0.60623	CTB-178M2	chr5	-	1.68E+08	1.68E+08	503
ENSG0000(	4.138623	34.63377	-2.9756	1.73E-05	5.41E-05	ALG1L13P	chr8	-	8093525	8102189	765
ENSG0000(	212.2081	120.377	0.81091	8.11E-05	0.000234	CTD-2336C	chr8	-	1710156	1712668	978
ENSG0000(	0.342542	2.401965	-1.7197	0.31783	0.42061	RP1-16A9.2	chr8	+	75111631	75120676	993
ENSG0000(	4.439275	0.951736	1.9135	0.10873	0.17332	CTC-756D1	chr8	-	23350522	23351711	715
ENSG0000(	0	1.669566	-1.94	0.2691	NA	KB-1562D1	chr8	-	1.03E+08	1.03E+08	539
ENSG0000(	0.72616	0.686276	0.035772	0.98391	NA	RP11-737F	chr8	+	1.32E+08	1.32E+08	411
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-91P1	chr8	+	79060336	79066148	558
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-213G	chr8	-	23583844	23600555	443
ENSG0000(	0.342542	0.640152	-0.50911	0.77219	NA	CTB-167B5	chr7	+	87845975	87848541	576
ENSG0000(	327.8031	351.1055	-0.09717	0.60111	0.69476	ZNF260	chr19	-	37001597	37019562	5666
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-281H	chr8	-	5517201	5527599	923
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	LINC00051	chr8	+	1.43E+08	1.43E+08	1046
ENSG0000(	0	6.154665	-4.1622	0.002504	0.005837	MAP2K1P1	chr8	+	29885229	29886416	1188
ENSG0000(	2.67693	19.06702	-2.6946	0.000687	0.001745	ALG1L10P	chr12	+	8380330	8384360	424
ENSG0000(	1.317927	0.357707	1.2439	0.46333	NA	IGHEP2	chr9	+	5113549	5114804	1256
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-10J2	chr8	+	1.42E+08	1.42E+08	584
ENSG0000(	0.72616	0	0.85004	0.63064	NA	PKMP4	chr8	+	76288944	76289249	306
ENSG0000(	2.914991	2.742687	0.10272	0.92283	0.94809	RP11-363E	chr8	-	82192106	82193681	620
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC083843.	chr8	+	1.36E+08	1.36E+08	849
ENSG0000(	0.632843	0.297015	0.49183	0.78024	NA	RP11-326E	chr8	+	72067692	72116458	685
ENSG0000(	1.027626	1.98115	-0.75505	0.60687	0.69991	RP11-662B	chr8	+	28655659	28656986	548
ENSG0000(	0.705622	8.542934	-3.1751	0.007011	0.015179	RP11-281C	chr5	+	1.78E+08	1.78E+08	674
ENSG0000(	4.077009	0	3.5437	0.015141	0.030653	RP11-419C	chr8	-	36924959	36926936	639
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-304F	chr17	+	47991767	48010282	395
ENSG0000(	3.246368	0.357707	2.5054	0.085543	0.14152	CTC-558O2	chr5	+	1.68E+08	1.68E+08	3478
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	RP11-328K	chr8	-	59904279	59905497	551
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-403D	chr8	+	69089003	69089456	454
ENSG0000(	0.685084	1.669566	-0.89912	0.58359	0.67961	RP11-156K	chr8	+	17763265	17765396	634
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	RP3-388N1	chr8	-	94846682	94858971	528
ENSG0000(	1.576526	2.621302	-0.62177	0.60129	0.69487	RP11-359B	chr8	-	33293786	33294218	433
ENSG0000(	50.66885	27.03204	0.90105	0.008669	0.018443	CTD-2530N	chr8	-	22112089	22132675	515
ENSG0000(	1.338465	1.949596	-0.4781	0.70486	0.78064	RP11-697N	chr8	-	48504709	48505171	463
ENSG0000(	0.580602	1.98115	-1.2998	0.38421	0.4884	CTB-181F2	chr5	-	1.65E+08	1.65E+08	1864

ENSG0000(	0	3.212915	-2.9127	0.077518	0.13005	RP11-730(	chr8	-	75521933	75545555	677
ENSG0000(	126.4848	690.4258	-2.4424	8.99E-48	1.93E-46	LYN	chr8	+	56792372	56923939	3020
ENSG0000(	1.628766	1.043983	0.54608	0.69636	0.77366	CTD-3083F	chr8	+	87515820	87517290	1471
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	MTND2P32	chr8	+	32872779	32874561	1038
ENSG0000(	77.46106	268.3795	-1.7844	5.18E-13	3.00E-12	PINX1	chr8	-	10622473	10697394	1545
ENSG0000(	1.555988	9.185503	-2.3231	0.013722	0.02803	AC078852.	chr4	+	1350369	1351863	527
ENSG0000(	3.008307	1.606458	0.76828	0.52177	0.6243	AC005740.	chr5	-	1.41E+08	1.41E+08	344
ENSG0000(	1.359003	1.294874	0.032927	0.98035	0.98921	RP11-675F	chr8	-	38409766	38416538	537
ENSG0000(	0.36308	0	0.4146	0.81455	NA	VENTXP6	chr8	+	74563524	74563837	314
ENSG0000(	0.36308	5.673157	-3.304	0.012988	0.026665	CTD-3107N	chr8	-	30239635	30242917	1031
ENSG0000(	0.290301	0.686276	-0.47648	0.78935	NA	KB-1205A7	chr8	+	99645775	99646093	319
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	HMGN1P28	chr17	+	58928743	58929106	364
ENSG0000(	2.729171	0	2.877	0.069197	0.11795	RP11-386D	chr8	+	87719775	87777251	804
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-705C	chr8	+	62697606	62856739	1173
ENSG0000(	904.4625	202.9209	2.1521	1.68E-58	4.68E-57	PCDHGB7	chr5	+	1.41E+08	1.41E+08	4596
ENSG0000(	1.161205	0	1.2509	0.47995	NA	RP11-99H2	chr8	-	83010686	83072812	823
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	IGLCOR22-	chr22	+	32595906	32596221	316
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	CTD-2647L	chr8	+	28968090	28998246	478
ENSG0000(	5.778554	4.694699	0.27302	0.76206	0.82732	RP11-1007	chr8	+	42342118	42342537	420
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	MTND6P3	chr5	-	93904634	93905175	542
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-32D1	chr5	+	1.58E+08	1.58E+08	691
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-642D	chr8	+	1.07E+08	1.07E+08	716
ENSG0000(	0.995923	0	1.4959	0.39264	NA	RP11-53M:	chr8	+	55466921	55474487	787
ENSG0000(	14.76159	0.297015	4.7072	5.28E-05	0.000156	RP4-798P1	chr1	-	1.78E+08	1.78E+08	6212
ENSG0000(	10.60063	0.640152	3.5766	0.000951	0.002367	RP11-48B3	chr8	-	81447241	81451370	3766
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTC-340I2:	chr5	-	1.56E+08	1.56E+08	460
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	CTB-33O18	chr5	+	1.73E+08	1.73E+08	457
ENSG0000(	5.766575	5.758956	-0.00102	0.99905	0.99973	RP11-503E	chr8	-	42392672	42393447	708
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-255B	chr8	-	1.28E+08	1.28E+08	367
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-67M:	chr5	+	1.66E+08	1.66E+08	533
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-299D	chr8	-	25691645	25697651	485
ENSG0000(	0.632843	2.38498	-1.5093	0.28075	0.38172	AB015752.	chr8	-	91546839	91632298	578
ENSG0000(	15.6941	13.30961	0.24286	0.69272	0.77091	TYW1B	chr7	-	72023729	72298765	2008
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-167P	chr5	-	1.62E+08	1.62E+08	736
ENSG0000(	0.653381	1.531196	-0.92317	0.55518	0.6544	RP11-10J2	chr8	+	1.42E+08	1.42E+08	294
ENSG0000(	59.56273	88.40405	-0.5615	0.033716	0.062999	RP11-598P	chr8	-	42981138	42981540	403
ENSG0000(	0	1.903472	-2.1599	0.21236	NA	RP11-92K1	chr8	+	81035087	81039905	364
ENSG0000(	29.64819	38.38002	-0.37239	0.29222	0.39412	61E3.4	chr16	-	29392675	29415350	3653
ENSG0000(	5.621018	5.035421	0.1737	0.8431	0.8899	RP11-43A1	chr8	-	675188	675877	316
ENSG0000(	2.012384	3.587607	-0.76958	0.46627	0.571	RP11-219B	chr8	-	86089757	86090385	468
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-98H4	chr8	-	85776903	85777142	240
ENSG0000(	24.73198	18.90105	0.38284	0.37172	0.47612	PCDHGB1	chr5	+	1.41E+08	1.41E+08	4590
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-787D	chr8	-	62177183	62204598	387
ENSG0000(	0	1.188058	-1.268	0.47398	NA	RP11-419K	chr8	-	1.31E+08	1.31E+08	683
ENSG0000(	0.36308	0	0.4146	0.81455	NA	KB-1043D8	chr8	+	97247655	97250262	382
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTB-12O2.:	chr5	+	1.51E+08	1.52E+08	3591
ENSG0000(	1.233984	1.043983	0.21511	0.88915	0.92285	CTD-2284J	chr8	-	87345503	87355543	1486
ENSG0000(	0	4.368546	-3.2727	0.044895	0.080934	RP11-242J	chr4	-	1.86E+08	1.86E+08	802
ENSG0000(	1.161205	0.343138	0.97766	0.58067	NA	RP11-115J	chr8	+	9106927	9271224	3442
ENSG0000(	0.290301	1.773966	-1.5859	0.34314	0.44713	KB-1639H6	chr8	-	1.04E+08	1.04E+08	414
ENSG0000(	3.972527	2.027273	0.86735	0.4429	0.54863	RP11-300E	chr8	-	75938663	75941695	590
ENSG0000(	0.632843	0.297015	0.49183	0.78024	NA	PAICSP4	chr8	+	4644854	4646106	1253
ENSG0000(	6.338619	7.01657	-0.14231	0.84462	0.89103	PCDHGA3	chr5	+	1.41E+08	1.41E+08	4605
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-662G	chr8	-	91818702	91871468	833
ENSG0000(	0	5.176207	-3.4927	0.030539	0.057622	CTC-438O3	chr5	-	1.65E+08	1.65E+08	745
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-117L	chr5	+	1.71E+08	1.71E+08	872
ENSG0000(	0	4.380699	-3.6717	0.010523	0.022019	RP11-18A1	chr9	+	26746951	26786872	443
ENSG0000(	3.661688	4.960159	-0.41418	0.64586	0.73251	RP11-473C	chr8	+	1.31E+08	1.31E+08	467
ENSG0000(	1.306762	10.14852	-2.6904	0.006679	0.014513	RP11-594N	chr8	-	79338338	79470738	2011
ENSG0000(	1.359003	0	1.8987	0.26617	NA	KB-1458E1	chr8	-	99383583	99400475	435
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	ERHP1	chr7	+	1.39E+08	1.39E+08	310
ENSG0000(	0	1.234181	-1.5727	0.37581	NA	RP11-131N	chr10	+	62494100	62501586	434
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-382J:	chr8	+	22350144	22350557	414
ENSG0000(	0	1.888903	-2.3653	0.15293	NA	RP11-181D	chr8	-	74423511	74423889	379
ENSG0000(	1.576526	1.652581	-0.03782	0.9761	0.98651	TDGF1P5	chr8	+	54985674	54986126	453

ENSG0000(	1.971308	20.85797	-3.2209	4.48E-05	0.000133	RP11-89M:	chr8	-	1.29E+08	1.3E+08	2055
ENSG0000(	0	804.9305	-10.895	2.55E-24	2.59E-23	RP11-1144	chr8	+	72587535	72615021	808
ENSG0000(	0.36308	2.840639	-2.3224	0.11898	0.18755	KB-1507C5	chr8	+	1.04E+08	1.04E+08	563
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-267M	chr8	+	95606639	95606829	191
ENSG0000(	0.705622	11.52678	-3.6747	0.000512	0.001329	KRT8P3	chr8	+	62490779	62492230	1449
ENSG0000(	0	4.259314	-3.6209	0.012522	0.025796	RP11-89K1	chr8	+	1.28E+08	1.28E+08	574
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-44K6	chr8	-	39775595	39778409	605
ENSG0000(	1.411244	0	1.7307	0.32696	NA	RP11-150C	chr8	-	37454998	37457376	2379
ENSG0000(	0.36308	0.640152	-0.51156	0.77091	NA	IMPDH1P6	chr8	+	1.24E+08	1.24E+08	1514
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CTC-308K2	chr5	+	1.72E+08	1.72E+08	489
ENSG0000(	0	3.504225	-3.0154	0.066075	0.1134	CTC-286N1	chr5	-	1.67E+08	1.67E+08	648
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP11-431M	chr8	+	34032404	34042413	537
ENSG0000(	1.359003	0	1.8987	0.26617	NA	RP11-398G	chr8	-	1.23E+08	1.23E+08	790
ENSG0000(	0.943682	0	1.2438	0.48556	NA	MRPL9P1	chr8	-	77515475	77516087	613
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-150C	chr8	-	37458055	37483391	551
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-52B1	chr8	-	7974267	7974471	205
ENSG0000(	0.632843	0.654722	-0.02224	0.98935	NA	RP11-267M	chr8	+	95545856	95546619	491
ENSG0000(	1.555988	0.297015	1.4773	0.37579	NA	RP11-473C	chr8	+	1.31E+08	1.31E+08	917
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-134C	chr8	-	2523591	2585991	582
ENSG0000(	0.870904	0	1.046	0.5544	NA	RP11-495C	chr8	-	38558144	38562373	735
ENSG0000(	0	2.696564	-2.9337	0.058159	0.10164	RP11-318K	chr8	+	56806154	56808298	673
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTC-308K2	chr5	+	1.72E+08	1.72E+08	182
ENSG0000(	0.705622	1.234181	-0.63076	0.69086	0.76952	CKS1BP7	chr8	-	81557174	81557408	235
ENSG0000(	10.26926	4.648575	1.0972	0.15381	0.23189	GS1-44D20	chr8	+	70041833	70042580	748
ENSG0000(	1.576526	3.725978	-1.0694	0.34113	0.44506	CTC-367J1:	chr5	-	1.5E+08	1.5E+08	368
ENSG0000(	0.580602	0	0.8036	0.6494	NA	CDH12P1	chr5	-	70156112	70156406	295
ENSG0000(	7.354266	0	4.4728	0.000708	0.001797	RP11-865I(	chr8	-	69760977	69764998	515
ENSG0000(	0.705622	12.1014	-3.7335	0.000438	0.001148	RP11-909M	chr8	+	1.44E+08	1.45E+08	417
ENSG0000(	0	1453.104	-11.658	1.11E-27	1.30E-26	RP11-267L	chr8	+	1.15E+08	1.15E+08	877
ENSG0000(	0.342542	0.937167	-0.89746	0.60352	NA	RP11-10A1	chr8	+	8998934	9002945	651
ENSG0000(	1.048164	4.585467	-1.9069	0.10157	0.16352	RP11-760H	chr8	+	1.21E+08	1.21E+08	522
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	MTND1P6	chr8	+	32871599	32872544	946
ENSG0000(	0	1.84278	-2.0842	0.23234	NA	RP11-351E	chr8	+	73374546	73383207	252
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	RP11-1134	chr8	+	48100928	48101183	256
ENSG0000(	0	6.330295	-4.2612	0.001453	0.003518	RP11-758M	chr8	+	75512010	75735548	2125
ENSG0000(	74.92373	0	7.7576	1.55E-12	8.69E-12	RP11-542A	chr5	+	1.58E+08	1.58E+08	706
ENSG0000(	7.01433	5.361573	0.36764	0.65125	0.73678	RP11-578C	chr8	-	79636031	79636371	341
ENSG0000(	3.76617	2.932886	0.30656	0.75614	0.82265	RP11-195E	chr5	-	70328995	70330227	707
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	RP11-14I1:	chr8	+	26298007	26300111	568
ENSG0000(	3.205292	0.297015	2.5481	0.075978	0.12782	CTB-131B5	chr5	+	1.4E+08	1.4E+08	583
ENSG0000(	0	3.696839	-3.2925	0.032817	0.061452	CTB-180C1	chr5	-	1.67E+08	1.67E+08	523
ENSG0000(	11.72239	0	5.1586	3.24E-05	9.77E-05	HOXA-AS3	chr7	+	27169596	27195542	3987
ENSG0000(	1.503747	3.495361	-1.0119	0.41837	0.52363	RP11-181B	chr8	-	28273041	28277572	511
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-343P	chr8	-	1.36E+08	1.36E+08	318
ENSG0000(	0.342542	0.594029	-0.38792	0.8278	NA	RP11-34P1	chr5	+	1.6E+08	1.6E+08	333
ENSG0000(	0	94.69459	-8.054	2.86E-13	1.68E-12	RP11-32K4	chr8	+	65285885	65296344	2840
ENSG0000(	0.36308	3.025133	-2.4192	0.097002	0.15744	DUTP2	chr8	+	1.24E+08	1.24E+08	463
ENSG0000(	18.31879	29.05777	-0.64883	0.22128	0.31334	RHPN1-AS1	chr8	-	1.44E+08	1.44E+08	1918
ENSG0000(	1.048164	0	1.348	0.44949	NA	CTD-2272D	chr8	+	83824339	83874161	616
ENSG0000(	5.185973	5.537203	-0.08906	0.9151	0.94237	CTD-2371C	chr11	-	9451903	9455033	597
ENSG0000(	1.286224	0.640152	0.76496	0.6103	0.70288	RP11-578F	chr15	-	28924551	28927398	546
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	GLYATL1P4	chr11	+	58810210	58818444	906
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-215D	chr11	-	1.2E+08	1.2E+08	826
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP11-109E	chr11	-	1.23E+08	1.23E+08	541
ENSG0000(	0.580602	0.357707	0.37639	0.83285	NA	RP11-613D	chr11	+	43942609	44022707	743
ENSG0000(	0.705622	2.261179	-1.3323	0.37	0.47448	RP11-182J	chr15	-	85175129	85177218	845
ENSG0000(	0.685084	0.297015	0.4735	0.79064	NA	SIGLEC14	chr19	-	52145806	52150054	2035
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-347E	chr11	+	1.1E+08	1.1E+08	720
ENSG0000(	20.15652	0	5.9626	3.05E-07	1.14E-06	ANO1-AS2	chr11	-	69918540	69921539	1004
ENSG0000(	0	3.054271	-3.1134	0.040994	0.074937	RP11-21L1	chr11	-	14284392	14295237	240
ENSG0000(	5.342695	11.77767	-1.1116	0.098165	0.15891	RP11-261P	chr20	+	57285851	57286689	577
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	RP11-452H	chr11	+	78035804	78155095	437
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-351I2	chr8	-	12231875	12233055	1181
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-480C	chr8	-	13766740	13767289	550
ENSG0000(	0.685084	4.502084	-2.232	0.099874	0.16129	RP11-430H	chr11	+	45376922	45387672	872

ENSG0000(	16.11122	31.05986	-0.92849	0.034154	0.063755	RP11-110I:	chr11	-	1.19E+08	1.19E+08	523
ENSG0000(	35.7701	308.8444	-3.0981	7.20E-26	7.81E-25	CTD-2562J	chr11	+	74971171	74972069	506
ENSG0000(	0.653381	1.995719	-1.2915	0.35733	0.46171	RP11-550A	chr8	-	1.26E+08	1.26E+08	722
ENSG0000(	1.701545	3.541484	-0.97282	0.37746	0.48155	RP11-33I1:	chr8	-	61721294	61722165	301
ENSG0000(	3.309773	6.734125	-0.95768	0.26349	0.36165	RP11-677I:	chr11	-	1.06E+08	1.06E+08	826
ENSG0000(	0.342542	1.84278	-1.6267	0.32697	0.42994	PBOV1	chr6	-	1.39E+08	1.39E+08	2499
ENSG0000(	0.705622	0.640152	0.062329	0.97007	NA	RP11-718B	chr11	+	82546551	82548264	915
ENSG0000(	0	2.482932	-2.7317	0.090975	0.14912	AP000859.	chr11	-	1.34E+08	1.34E+08	307
ENSG0000(	0	1.188058	-1.268	0.47398	NA	RP11-290F	chr11	-	6129365	6206806	816
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	SF3A3P2	chr11	-	1.23E+08	1.23E+08	1507
ENSG0000(	0.290301	0	0.4146	0.81455	NA	ALG9-IT1	chr11	-	1.12E+08	1.12E+08	684
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-560G	chr12	+	75628520	75692288	1751
ENSG0000(	0.72616	1.043983	-0.36115	0.83043	NA	NAV2-AS2	chr11	-	20065392	20070849	782
ENSG0000(	0	9.04626	-4.6945	0.000442	0.001157	RCC2P6	chr11	+	62138618	62140640	1557
ENSG0000(	2.386629	1.188058	0.7564	0.59795	0.692	RP11-867G	chr11	+	66080324	66086708	544
ENSG0000(	2.282147	1.326428	0.66397	0.60818	0.70091	RP11-91P2	chr11	-	77540700	77583308	585
ENSG0000(	13.67316	9.401551	0.52724	0.37552	0.47961	RP11-755F	chr11	-	66027038	66029305	539
ENSG0000(	8.931605	5.171375	0.76738	0.32405	0.42697	RP11-484D	chr11	+	43487942	43488421	480
ENSG0000(	31.80532	37.97049	-0.25209	0.45466	0.55998	RP11-849H	chr11	-	71576555	71639700	1781
ENSG0000(	338.784	257.7027	0.39017	0.25934	0.35728	AP5B1	chr11	-	65543364	65548273	4811
ENSG0000(	0.653381	0	0.82678	0.64037	NA	RP11-885L	chr11	+	79698556	79700673	2118
ENSG0000(	6.463638	5.826096	0.14362	0.86153	0.90319	RP11-522I:	chr9	+	86322509	86328293	1017
ENSG0000(	0.580602	1.073121	-0.47791	0.7862	NA	hsa-mir-21(	chr11	-	568089	568198	110
ENSG0000(	2.354926	1.370136	0.66783	0.60646	0.6996	AP000640.	chr11	-	59520488	59522448	879
ENSG0000(	0.632843	0	0.81931	0.64303	NA	SLC25A1P1	chr11	+	85645780	85646706	927
ENSG0000(	0.36308	5.033005	-3.1103	0.023163	0.04508	RP11-23F2	chr11	+	4208370	4223885	462
ENSG0000(	0.580602	0	0.8036	0.6494	NA	PTP4A2P2	chr11	-	1.34E+08	1.34E+08	502
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	CTA-797E1(	chr11	+	70166034	70167521	422
ENSG0000(	1.027626	3.24447	-1.3898	0.30215	0.40343	RP11-380C	chr3	-	9334272	9404987	829
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP13-631K	chr11	+	12052422	12083332	3308
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP5-1024C	chr11	+	30605677	30652055	541
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	AP000487.	chr11	-	70204304	70204783	394
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	AC002056.	chr22	-	51179021	51181948	284
ENSG0000(	0.342542	0.686276	-0.48412	0.78604	NA	RANP3	chr11	+	74363681	74363956	276
ENSG0000(	1.08924	1.606458	-0.43094	0.78817	0.84859	CTD-2521M	chr19	-	17527840	17529097	1258
ENSG0000(	28.84925	28.19263	0.026047	0.94806	0.96719	CHMP4A	chr14	-	24678789	24683075	1393
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-748H	chr11	+	1.01E+08	1.01E+08	2371
ENSG0000(	0	3.976869	-3.5412	0.014529	0.029512	RP11-481A	chr8	-	11860909	11861591	683
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-646J:	chr11	+	33796245	33797216	386
ENSG0000(	22.04568	11.66273	0.90567	0.065101	0.112	RP11-677M	chr11	+	1.25E+08	1.25E+08	433
ENSG0000(	2.520208	13.56694	-2.2041	0.022356	0.043648	RP11-867G	chr11	+	66176629	66184608	948
ENSG0000(	1.265686	2.947455	-1.034	0.3972	0.50173	RP11-472I:	chr11	+	43755309	43756114	806
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-113K	chr11	-	82751848	82752445	286
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-466I:	chr11	+	29181503	29288281	492
ENSG0000(	1.681007	4.585467	-1.3245	0.20622	0.29586	ABC11-484	chr8	-	12063268	12063898	631
ENSG0000(	17.82132	5.762988	1.5733	0.030787	0.058024	RP11-728F	chr11	+	1.18E+08	1.18E+08	959
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-460B	chr11	-	29357425	29615842	448
ENSG0000(	51.12166	51.61121	-0.02104	0.94786	0.96705	AP001816.	chr4	+	1.02E+08	1.02E+08	790
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AF186192.	chr8	-	1.46E+08	1.46E+08	572
ENSG0000(	255.7021	73.26784	1.7993	1.59E-20	1.38E-19	PABPC4L	chr4	-	1.35E+08	1.35E+08	4944
ENSG0000(	1.649304	0	2.1906	0.18857	NA	RP1-130L2	chr11	+	33424762	33425151	390
ENSG0000(	2.624689	4.556329	-0.73695	0.44525	0.55073	RP11-463D	chr8	+	74582676	74645132	396
ENSG0000(	8.838288	1.935026	2.0309	0.020269	0.039939	RP4-791M:	chr1	-	1.45E+08	1.45E+08	869
ENSG0000(	0.36308	0.951736	-0.91212	0.59701	NA	NAV2-AS3	chr11	-	20000245	20002883	598
ENSG0000(	4.023955	0	3.4909	0.019266	0.038158	RP11-84A1	chr1	+	32254731	32256923	537
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-738C	chr11	-	55635045	55642013	1582
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-429J	chr8	-	1.45E+08	1.45E+08	299
ENSG0000(	0.36308	0.98329	-0.93796	0.58624	NA	OMP	chr11	+	76813886	76814377	492
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP1-27O5.:	chr1	+	32930658	33066393	3447
ENSG0000(	8.962494	8.69829	0.059555	0.92824	0.95245	RP11-351I:	chr11	-	10324204	10325251	803
ENSG0000(	6.939759	12.5999	-0.83522	0.17828	0.26214	AF131215.	chr8	-	10994408	10996117	1710
ENSG0000(	0.685084	1.669566	-0.89912	0.58359	0.67961	RP11-102F	chr8	+	70625625	70631957	552
ENSG0000(	8.971867	34.06156	-1.8683	0.00022	0.000598	RP11-1L12	chr11	-	27068733	27241660	879
ENSG0000(	0	2.915901	-2.7723	0.095997	0.15615	RP11-196E	chr11	+	1.19E+08	1.2E+08	4476
ENSG0000(	1.306762	1.66715	-0.27299	0.85098	0.89521	RP11-673F	chr11	+	78460295	78467525	320

ENSG0000(	0.342542	1.012429	-0.95691	0.57869	NA	MTND2P26	chr11	-	1.03E+08	1.03E+08	1029
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-60I3.	chr9	-	1.03E+08	1.03E+08	336
ENSG0000(	0.290301	0	0.4146	0.81455	NA	GLULP3	chr11	-	1.22E+08	1.22E+08	1043
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-429J	chr8	-	1.45E+08	1.45E+08	374
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-3G21	chr8	+	14018806	14022868	488
ENSG0000(	7.366245	8.028999	-0.12232	0.85841	0.90057	RP11-484D	chr11	+	43411833	43417045	183
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-407P	chr11	-	40466854	40468691	1838
ENSG0000(	1.048164	0	1.348	0.44949	NA	PSMA2P1	chr11	-	87040449	87041094	646
ENSG0000(	2.697468	7.850953	-1.4389	0.11122	0.1768	MAGEL2	chr15	-	23888691	23891175	2485
ENSG0000(	0	1.40169	-1.7271	0.32809	NA	RP11-360K	chr11	+	96461317	96584822	1647
ENSG0000(	0.290301	1.355566	-1.3811	0.39332	NA	RP11-1007	chr11	+	1.28E+08	1.28E+08	1387
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-334E	chr11	+	1.19E+08	1.19E+08	1297
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP5-1173A	chr11	+	3357951	3361860	783
ENSG0000(	3.205292	8.669151	-1.339	0.092696	0.15163	RP11-757C	chr11	+	71614240	71615127	888
ENSG0000(	36.61109	18.16382	0.99337	0.01654	0.033209	CTD-2010I	chr11	-	6509416	6510607	686
ENSG0000(	0.580602	1.606458	-0.99117	0.54267	0.64321	CTD-3074C	chr11	+	66221705	66222052	348
ENSG0000(	4.003417	3.426547	0.23836	0.82074	0.87405	CSNK2A3	chr11	-	11373489	11374904	1416
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-115E	chr11	+	98547121	98554465	435
ENSG0000(	31.49188	85.28109	-1.4211	6.00E-06	1.98E-05	AP000662.	chr11	+	57405497	57420263	2790
ENSG0000(	4.117271	0.297015	2.8466	0.046758	0.083928	AP000487.	chr11	-	70128473	70209474	539
ENSG0000(	17.52327	1.012429	3.8093	4.25E-05	0.000127	RP11-626H	chr11	-	69860964	69867165	655
ENSG0000(	2.987769	0	3.1007	0.040889	0.074766	RP11-22P4	chr11	+	28538379	28540888	747
ENSG0000(	0.632843	0.297015	0.49183	0.78024	NA	RP11-115C	chr11	+	1.27E+08	1.27E+08	408
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-719K	chr16	-	14821139	14827204	355
ENSG0000(	0	4.380699	-3.6717	0.010523	0.022019	RP5-903G2	chr11	-	67702034	67707245	455
ENSG0000(	21.64992	59.4784	-1.4509	0.000188	0.000516	RP11-676N	chr11	-	1.28E+08	1.28E+08	724
ENSG0000(	4.024768	7.160646	-0.80108	0.3298	0.43287	AP003068.	chr11	-	64945077	64949305	1454
ENSG0000(	97.49852	48.23965	1.0074	0.000184	0.000508	RP11-395G	chr8	+	1.07E+08	1.07E+08	1318
ENSG0000(	0.923144	1.058552	-0.1032	0.94763	0.96695	RP11-700F	chr11	+	1.34E+08	1.34E+08	586
ENSG0000(	0.72616	0	0.85004	0.63064	NA	NAV2-AS4	chr11	-	19532437	19541443	1181
ENSG0000(	0	1.416259	-1.7181	0.33141	NA	RP11-702H	chr11	+	74108594	74196787	491
ENSG0000(	0.685084	1.012429	-0.37562	0.82411	NA	RP11-21L2	chr11	-	76470960	76479267	538
ENSG0000(	9.803322	13.58077	-0.46905	0.43252	0.538	RP11-231C	chr16	-	29437121	29465435	2930
ENSG0000(	220.2678	230.2983	-0.06249	0.72135	0.79384	WAC-AS1	chr10	-	28811581	28821672	2608
ENSG0000(	0.290301	0	0.4146	0.81455	NA	ARMS2	chr10	+	1.24E+08	1.24E+08	818
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-356J	chr11	-	1.12E+08	1.12E+08	594
ENSG0000(	7.749049	1.623443	2.056	0.03716	0.06874	CTD-2589M	chr11	+	46259933	46260818	653
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-5A11	chr8	-	1.05E+08	1.05E+08	376
ENSG0000(	0.342542	3.602177	-2.6802	0.057474	0.10052	RP11-713P	chr11	-	1.34E+08	1.34E+08	1130
ENSG0000(	0.290301	0.654722	-0.51764	0.76892	NA	RP11-452H	chr11	+	78099107	78103451	365
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-702F	chr11	+	46138129	46138869	605
ENSG0000(	33.84345	0.640152	5.2038	2.97E-08	1.21E-07	RTL1	chr14	-	1.01E+08	1.01E+08	4193
ENSG0000(	0	1.387121	-1.6961	0.33794	NA	RP11-872D	chr11	+	57093077	57095432	311
ENSG0000(	0	1.387121	-1.6961	0.33794	NA	CTD-2560E	chr11	-	45237366	45256843	567
ENSG0000(	54.13274	71.77231	-0.40109	0.2825	0.38356	AP000783.	chr11	+	1.23E+08	1.23E+08	1103
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP5-945I1.	chr11	-	35600978	35606858	537
ENSG0000(	2.665765	5.62945	-1.0074	0.27622	0.37648	CTC-497E2	chr11	-	13022637	13030706	670
ENSG0000(	1.939605	0.654722	1.2517	0.37851	0.48262	STT3A-AS1	chr11	-	1.25E+08	1.25E+08	429
ENSG0000(	1.016461	4.585467	-1.9277	0.097723	0.15836	RP5-916O1	chr11	-	35988560	35990226	1667
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-7I15.	chr11	+	77733979	77734767	277
ENSG0000(	2.697468	4.799099	-0.76231	0.43603	0.54148	RP11-727A	chr11	+	82891186	82895562	905
ENSG0000(	531.0214	295.0673	0.84523	9.02E-08	3.53E-07	PKD1P5	chr16	-	18458147	18495797	10291
ENSG0000(	73.72562	206.3295	-1.479	1.54E-10	7.53E-10	RP11-660L	chr11	+	71159720	71163203	680
ENSG0000(	0	4.882481	-3.8624	0.005785	0.012715	AF228730.	chr8	-	7001154	7001363	210
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-882I	chr11	-	85047119	85047616	498
ENSG0000(	63.47013	32.26007	0.96663	0.002679	0.006225	FPGT	chr1	+	74663922	74699770	3224
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-162D	chr8	+	54090131	54155243	826
ENSG0000(	1.887365	2.696564	-0.4217	0.72628	0.79758	RP11-47J1	chr11	-	12843982	12845214	489
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-354A	chr8	+	82797612	82835428	466
ENSG0000(	54.89053	4.78453	3.456	1.73E-09	7.82E-09	GS1-393G1	chr8	-	1.46E+08	1.46E+08	444
ENSG0000(	5.644162	3.200762	0.73134	0.46571	0.57052	RP11-91P2	chr11	+	77561650	77562557	551
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-58K2	chr11	-	44626058	44626887	543
ENSG0000(	3.278071	1.669566	0.85055	0.47938	0.5837	RP11-50B3	chr11	-	1.26E+08	1.26E+08	362
ENSG0000(	0.975385	0.357707	0.92752	0.59066	NA	RP11-396C	chr11	+	15665431	15726914	471
ENSG0000(	2.697468	2.24661	0.21091	0.84816	0.89328	RP11-1415	chr5	-	69435402	69503572	584

ENSG0000(	84.36505	0.343138	7.0808	3.39E-12	1.85E-11	FLI1-AS1	chr11	-	1.29E+08	1.29E+08	1290
ENSG0000(	1.379541	5.15439	-1.6634	0.16772	0.24917	RP11-675N	chr11	-	92133357	92141342	775
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	RP11-35J1(	chr11	+	7726835	7731064	539
ENSG0000(	0.342542	1.730259	-1.5292	0.35985	0.46403	RP1-145M2	chr11	-	34356665	34357550	886
ENSG0000(	4.148974	0.98329	1.8036	0.13291	0.20539	CTD-2216N	chr11	+	1.23E+08	1.23E+08	701
ENSG0000(	0.705622	0.686276	0.017556	0.99188	NA	RP11-560B	chr11	-	6864895	6865897	1003
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-851N	chr11	-	84256174	84257889	967
ENSG0000(	8.423781	2.979009	1.4052	0.090641	0.14864	GLYATL1P2	chr11	+	58645775	58660933	902
ENSG0000(	1.213446	3.307578	-1.1888	0.34979	0.4541	CTD-2184C	chr14	-	60706839	60715483	2859
ENSG0000(	2.883288	1.713273	0.68396	0.56203	0.6604	RP11-351I2	chr11	-	10293599	10293806	208
ENSG0000(	2632.434	3168.907	-0.26723	0.040081	0.07352	MEX3A	chr1	-	1.56E+08	1.56E+08	6124
ENSG0000(	0	1.029414	-1.1526	0.51496	NA	RP11-801G	chr11	-	1.09E+08	1.09E+08	320
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTD-2005H	chr11	+	86414141	86425134	432
ENSG0000(	4.19005	1.248751	1.4799	0.22742	0.32047	RP11-691N	chr11	+	57509635	57560715	580
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-867G	chr11	+	66157080	66157639	560
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	OR10G4	chr11	+	1.24E+08	1.24E+08	936
ENSG0000(	2.032922	3.137654	-0.56293	0.6507	0.73646	RP13-46H2	chr11	+	528907	529659	547
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-334E	chr11	+	1.19E+08	1.19E+08	778
ENSG0000(	0	2.024857	-2.2291	0.19662	0.28458	OR10V3P	chr11	+	59508798	59509522	725
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CTD-3076C	chr15	+	1.01E+08	1.01E+08	572
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-736K	chr11	+	86735625	86736819	888
ENSG0000(	1.306762	1.698704	-0.30014	0.82439	0.87617	RP11-867G	chr11	+	66101965	66107346	516
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP13-726E	chr11	+	3490549	3552558	450
ENSG0000(	0.653381	0.594029	0.059135	0.97278	NA	NAP1L1P1	chr11	+	1.26E+08	1.26E+08	1063
ENSG0000(	0	3.336716	-3.2705	0.028298	0.053889	CTD-2616J	chr19	+	51917552	51918219	492
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-672A	chr11	-	76423440	76430652	832
ENSG0000(	0	1.294874	-1.8547	0.27869	NA	RP11-50B3	chr11	-	1.26E+08	1.26E+08	202
ENSG0000(	0	1.698704	-2.2257	0.18075	NA	AC022182.	chr8	+	61822612	61879116	926
ENSG0000(	0.342542	0.98329	-0.93492	0.58786	NA	GVINP2	chr11	+	6769362	6771555	2194
ENSG0000(	3.76617	3.353702	0.14231	0.89244	0.9253	RP11-320L	chr11	+	85994969	85995710	742
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-142C	chr11	-	58762912	58767162	1122
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	CTD-2537C	chr11	+	84431869	84511744	351
ENSG0000(	2.749709	7.893045	-1.449	0.10061	0.16233	FAR1-IT1	chr11	+	13690874	13691696	368
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-119D	chr11	+	67608413	67608520	108
ENSG0000(	0.995923	0.640152	0.45774	0.76749	NA	FDPSP4	chr15	-	43231508	43232556	1049
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-665E	chr11	-	87628840	87628891	52
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	SYS1-DBND	chr20	+	43991840	44039250	1313
ENSG0000(	1.068702	4.89705	-1.9802	0.088513	0.14571	RP11-661A	chr8	-	1.45E+08	1.45E+08	701
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-252C	chr8	-	12623358	12668987	1247
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-535A	chr11	-	75511922	75514460	758
ENSG0000(	2.032922	9.145085	-1.9433	0.08403	0.13941	RP11-496I9	chr11	+	557595	560107	2210
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP3-400B1	chr6	+	4135657	4146287	640
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-375D	chr11	+	41898184	41898628	270
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	CTD-2530H	chr11	+	75486949	75487974	842
ENSG0000(	5.769181	3.076961	0.78725	0.44378	0.54943	SLC22A18A	chr11	-	2909010	2924970	1659
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-451K	chr11	-	6015106	6016225	1120
ENSG0000(	0.705622	2.24661	-1.3953	0.31823	0.42103	RP11-50B3	chr11	+	1.26E+08	1.26E+08	569
ENSG0000(	12.19851	36.47098	-1.5467	0.005115	0.01138	AP001372.	chr11	+	74204411	74209578	2493
ENSG0000(	6.152799	1.935026	1.5007	0.12862	0.19991	GVINP1	chr11	-	6735571	6767670	7057
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	AF131215.	chr8	-	10920157	10924599	639
ENSG0000(	0.72616	1.964165	-1.0662	0.5037	0.60716	RP11-890B	chr11	-	1.31E+08	1.31E+08	2203
ENSG0000(	1.649304	0.700845	1.0034	0.48867	0.59272	RP11-648C	chr11	-	86805776	86807627	1852
ENSG0000(	1.753786	1.029414	0.55032	0.73107	0.80136	RP11-203N	chr14	-	20812392	20815047	468
ENSG0000(	3.40309	0	3.2692	0.029319	0.055626	RP11-51B2	chr11	-	12559630	12562514	519
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP5-901A4	chr11	+	67703029	67703397	369
ENSG0000(	29.89563	22.08637	0.4276	0.46055	0.56587	RP11-109L	chr11	+	1.17E+08	1.17E+08	822
ENSG0000(	0	1.638012	-2.1885	0.18912	NA	RP11-719K	chr16	+	14841923	14859270	1110
ENSG0000(	2.157128	11.02828	-2.1595	0.01363	0.027855	CTD-2523D	chr11	+	1.2E+08	1.2E+08	523
ENSG0000(	0.705622	0.951736	-0.34312	0.83184	NA	RP11-867G	chr11	-	66032248	66033137	479
ENSG0000(	0.995923	1.294874	-0.32243	0.816	0.87078	NDUFA3P2	chr11	-	68256077	68256308	232
ENSG0000(	467.6709	590.8343	-0.33524	0.020074	0.039599	MPV17L2	chr19	+	18303992	18307758	1959
ENSG0000(	0.870904	0.951736	-0.06535	0.96887	NA	RP11-661A	chr8	-	1.45E+08	1.45E+08	498
ENSG0000(	15.65303	33.3575	-1.0665	0.017735	0.035407	TMEM9B-A	chr11	+	8986222	8999074	1053
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-945A	chr11	-	23782876	23826144	506
ENSG0000(	1.265686	4.744111	-1.641	0.17327	0.25604	RP11-159H	chr11	+	27493276	27503980	1350

ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-831A	chr11	-	1.2E+08	1.2E+08	518
ENSG0000(	0	1.730259	-1.9792	0.25882	NA	RP11-748C	chr11	+	10170739	10186656	522
ENSG0000(	0	3.636147	-3.0614	0.062014	0.10732	RP13-870H	chr11	+	1049880	1055749	3139
ENSG0000(	2.468781	4.380699	-0.74764	0.52092	0.62352	RP11-770J	chr11	-	1.18E+08	1.18E+08	2074
ENSG0000(	5.011318	12.46307	-1.227	0.17151	0.25401	RP11-23J9.	chr9	+	1E+08	1E+08	3161
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	RP11-142C	chr11	-	58735069	58735764	696
ENSG0000(	0.290301	0	0.4146	0.81455	NA	CTD-3096P	chr11	+	16044736	16053061	197
ENSG0000(	0.290301	1.949596	-1.8654	0.22752	0.32056	AC103828.	chr11	-	48035958	48037407	301
ENSG0000(	0	1.326428	-1.6486	0.3523	NA	RP11-687M	chr11	-	1.25E+08	1.25E+08	586
ENSG0000(	6.141634	5.096113	0.25128	0.76335	0.82823	RP11-682B	chr11	-	9332831	9333236	406
ENSG0000(	0.943682	0	1.2438	0.48556	NA	RP11-802F	chr11	+	78902603	78904205	374
ENSG0000(	2.894453	0.640152	1.7742	0.18883	0.27515	CTC-378H2	chr19	+	42636707	42641251	759
ENSG0000(	18.28032	7.627585	1.222	0.043573	0.078942	RP11-466P	chr5	-	75465911	75470171	1938
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-37O1	chr11	-	1.03E+08	1.03E+08	586
ENSG0000(	0	5.45382	-3.9907	0.004225	0.009507	OPCML-IT1	chr11	-	1.33E+08	1.33E+08	2936
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-482L	chr11	-	85163326	85164742	1417
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	RP11-513D	chr8	+	38193499	38195069	434
ENSG0000(	2.407167	1.684135	0.43834	0.71752	0.79084	RP11-152H	chr11	+	8700636	8702460	537
ENSG0000(	88.70831	47.9239	0.88309	0.005234	0.011619	MEF2BNB	chr19	-	19287712	19303425	3698
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-712L	chr11	-	1.26E+08	1.26E+08	492
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-701I2	chr11	-	20691971	20692843	396
ENSG0000(	2.551911	0.686276	1.5235	0.28955	0.39111	RP11-484D	chr11	-	43350298	43380846	787
ENSG0000(	8.071866	7.085384	0.15989	0.82798	0.87881	RP11-110I2	chr11	-	1.19E+08	1.19E+08	208
ENSG0000(	12.28245	14.45241	-0.23212	0.71211	0.78631	RP11-326C	chr11	-	310139	311141	392
ENSG0000(	9.596151	18.83794	-0.95589	0.063927	0.11026	SCARNA9	chr11	+	93454679	93455031	353
ENSG0000(	0.870904	0	1.046	0.5544	NA	RP11-632K	chr15	-	32786204	32792547	1226
ENSG0000(	0.975385	0	1.2767	0.47406	NA	RP11-263C	chr11	-	75653173	75653479	307
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	RP11-529A	chr11	-	89785005	89786904	1459
ENSG0000(	0.943682	77.77818	-5.9521	4.52E-14	2.79E-13	RP11-259P	chr11	-	1.34E+08	1.34E+08	904
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-684B	chr11	-	71217107	71217426	320
ENSG0000(	1.317927	0.640152	0.74499	0.63843	0.72627	RP11-687M	chr11	-	1.25E+08	1.25E+08	645
ENSG0000(	2.177666	0	2.3426	0.17197	0.25448	RP11-619A	chr11	+	75901769	75906115	613
ENSG0000(	0.290301	2448.955	-11.634	4.85E-39	8.34E-38	LINC00678	chr11	-	27639173	27656174	798
ENSG0000(	8.76551	13.75882	-0.62882	0.28464	0.38597	AF131215.	chr8	-	10980891	10983574	1744
ENSG0000(	0.943682	9.467948	-2.981	0.003371	0.007712	RP11-677M	chr11	-	1.25E+08	1.25E+08	448
ENSG0000(	1.379541	3.24447	-1.0919	0.37511	0.47933	ATP5F1P5	chr11	+	1.23E+08	1.23E+08	760
ENSG0000(	4.543757	0.343138	3.016	0.026315	0.050515	RP11-531H	chr11	+	15574401	15612644	571
ENSG0000(	0.36308	0	0.4146	0.81455	NA	OR7E158P	chr8	-	11777409	11778318	910
ENSG0000(	0.685084	0	0.85004	0.63064	NA	GNG5P3	chr11	+	1.12E+08	1.12E+08	207
ENSG0000(	3.22583	7.405832	-1.1079	0.19559	0.28352	RP11-494M	chr11	-	7726175	7927502	2503
ENSG0000(	0.653381	0	0.82678	0.64037	NA	AP001257.	chr11	-	59927160	59928295	385
ENSG0000(	0.290301	0	0.4146	0.81455	NA	KIRREL3-AS	chr11	+	1.27E+08	1.27E+08	492
ENSG0000(	1.068702	1.043983	0.01647	0.99161	0.99552	RP11-831H	chr11	+	62373633	62373877	92
ENSG0000(	0.653381	2.771825	-1.6737	0.22612	0.31892	RP11-1081	chr11	+	18728084	18762115	874
ENSG0000(	1.338465	0.297015	1.3634	0.39966	NA	RP11-680F	chr11	+	1.26E+08	1.26E+08	838
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-65M2	chr11	+	1.12E+08	1.12E+08	855
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-167J	chr11	-	71412314	71416450	347
ENSG0000(	0	6.603876	-4.2475	0.002166	0.005099	RP11-429J	chr8	-	1.45E+08	1.45E+08	1809
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-702H	chr11	-	74196625	74197096	472
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-672A	chr11	+	76386123	76414239	452
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC004878.	chr7	+	74862851	74863847	280
ENSG0000(	7.934868	22.22407	-1.4284	0.013272	0.027207	ALG1L9P	chr11	-	71511587	71515691	549
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-872D	chr11	-	57154838	57191532	1639
ENSG0000(	2.656392	0.997859	1.1979	0.34834	0.45262	RP11-350N	chr8	-	38258054	38259201	377
ENSG0000(	3.278071	6.410388	-0.88089	0.36988	0.47443	HMGB1P24	chr17	-	35500531	35501387	685
ENSG0000(	1.794862	0	2.0156	0.24947	NA	FTLP6	chr11	-	66538717	66539138	422
ENSG0000(	1.919068	2.635871	-0.3939	0.72384	0.79565	RSF1-IT2	chr11	-	77428757	77429456	566
ENSG0000(	1164.398	1714.156	-0.55667	3.28E-07	1.23E-06	DPP3	chr11	+	66247484	66277130	3078
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-563P	chr11	-	1.04E+08	1.04E+08	562
ENSG0000(	0.705622	1.949596	-1.2155	0.39167	0.49611	CTD-2547H	chr11	-	76666461	76689663	568
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	RP11-108C	chr11	-	1.12E+08	1.12E+08	783
ENSG0000(	0.653381	0	0.82678	0.64037	NA	RP5-1042K	chr22	+	40761043	40786467	315
ENSG0000(	4.430716	15.82738	-1.7883	0.009537	0.020112	STX16-NPEL	chr20	+	57226490	57290466	3433
ENSG0000(	10.85923	9.99558	0.12887	0.84558	0.89167	ANKHD1-EI	chr5	+	1.4E+08	1.4E+08	8246
ENSG0000(	0.632843	0.357707	0.4993	0.77637	NA	KRTAP5-9	chr11	+	71259466	71260653	1188

ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-94P1	chr11	-	1.05E+08	1.05E+08	445
ENSG0000(	2327.137	1797.022	0.37297	0.000456	0.001191	BRK1	chr3	+	10157276	10168874	1233
ENSG0000(	0.705622	0.937167	-0.33246	0.83708	NA	AC139103.	chr8	+	1.46E+08	1.46E+08	1030
ENSG0000(	0	1.280305	-1.6305	0.35731	NA	CTD-2240(	chr11	+	83039969	83040289	321
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	RP1-68D18	chr11	+	35303360	35307556	776
ENSG0000(	1.068702	0.297015	0.9938	0.56435	NA	AP000442.	chr11	-	59328619	59333547	769
ENSG0000(	1.359003	0	1.8987	0.26617	NA	ARL6IP1P3	chr11	-	80364473	80365032	560
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-716H	chr11	-	1.22E+08	1.22E+08	507
ENSG0000(	1.016461	5.958019	-2.2828	0.04131	0.075395	AF131216.	chr8	-	11203257	11205011	1099
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-536I(	chr3	-	14313873	14345345	613
ENSG0000(	6.338619	59.97864	-3.1674	3.40E-08	1.38E-07	RP11-326C	chr11	+	287305	288987	812
ENSG0000(	0	1.416259	-1.7181	0.33141	NA	RP11-680F	chr11	-	1.26E+08	1.26E+08	569
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-708B	chr11	-	1.09E+08	1.09E+08	803
ENSG0000(	15.7567	8.635181	0.85034	0.17155	0.25405	RP11-802E	chr11	+	67818207	67821229	791
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	RP11-45A1	chr11	-	44740942	44758242	628
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-23J9.	chr9	+	1E+08	1E+08	6463
ENSG0000(	0.685084	0.640152	0.044759	0.97934	NA	RP11-1167	chr11	-	65834748	65837090	502
ENSG0000(	0.685084	0.686276	-0.00148	0.99933	NA	RP11-677N	chr11	-	14695152	14696101	950
ENSG0000(	1.71271	0	1.6606	0.35171	NA	NAV2-AS5	chr11	-	19524219	19528776	3307
ENSG0000(	1.048164	0	1.348	0.44949	NA	RP11-677N	chr11	-	1.25E+08	1.25E+08	445
ENSG0000(	6.88931	2.56061	1.2873	0.20211	0.29083	RP11-297N	chr8	-	11655437	11660077	811
ENSG0000(	1.649304	3.916176	-1.1271	0.2953	0.39729	RP11-661A	chr8	+	1.45E+08	1.45E+08	1173
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AP000620.	chr11	+	1.01E+08	1.01E+08	504
ENSG0000(	1.503747	0	1.8221	0.30126	NA	RP11-219C	chr11	-	36446997	36447672	478
ENSG0000(	15.31049	11.80922	0.36517	0.51247	0.61557	RP11-712L	chr11	-	1.26E+08	1.26E+08	509
ENSG0000(	0.290301	0.937167	-0.88973	0.60765	NA	RP11-47J1	chr11	+	12870342	12870980	419
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-140L	chr11	+	14462333	14463223	512
ENSG0000(	0	1.058552	-1.361	0.4451	NA	RP11-45A1	chr11	-	44716413	44717851	789
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-263C	chr11	+	75625245	75626257	471
ENSG0000(	1.701545	1.98115	-0.2068	0.86512	0.90618	GRM5-AS1	chr11	+	88237744	88257222	4821
ENSG0000(	0.36308	0.937167	-0.90039	0.60194	NA	RP11-843A	chr11	+	78244222	78269611	717
ENSG0000(	0	1.309443	-1.6539	0.35008	NA	AF186192.	chr8	+	1.46E+08	1.46E+08	693
ENSG0000(	17.83167	0	5.7371	2.22E-06	7.68E-06	RP11-820L	chr11	-	1.22E+08	1.22E+08	959
ENSG0000(	3.879211	0	3.4813	0.017743	0.035421	RP11-495C	chr11	+	45673079	45674241	249
ENSG0000(	1.814586	0	2.063	0.23747	NA	RP11-58K2	chr11	-	44627720	44629651	567
ENSG0000(	1.016461	0	1.3167	0.46021	NA	RP11-406D	chr11	-	28000216	28041122	806
ENSG0000(	0.342542	0	0.4146	0.81455	NA	OR5B10P	chr11	-	58116389	58117298	910
ENSG0000(	1.233984	0.951736	0.28563	0.85343	0.89705	RP11-5L12	chr11	-	9263995	9267056	561
ENSG0000(	1.027626	33.06216	-4.715	4.84E-08	1.94E-07	RP11-481A	chr8	-	11870545	11873043	425
ENSG0000(	5.81963	6.376418	-0.13505	0.87024	0.90956	RP11-21L2	chr11	-	76493625	76494106	336
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-412B	chr8	-	42560726	42577089	682
ENSG0000(	770.7176	303.44	1.3437	1.63E-27	1.89E-26	KIAA0754	chr1	+	39876151	39882154	6004
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-5A11	chr8	-	1.05E+08	1.05E+08	291
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	AP006621.	chr11	-	823634	832883	536
ENSG0000(	0.290301	0	0.4146	0.81455	NA	CTD-2572N	chr11	-	42204842	42275262	546
ENSG0000(	570.6745	625.3587	-0.13259	0.35348	0.45773	CHMP1B	chr18	+	11851395	11854448	3054
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	RP11-91P2	chr11	-	77626036	77626321	286
ENSG0000(	0	1.71569	-1.6656	0.35029	NA	RP11-770(	chr11	-	65556522	65558339	494
ENSG0000(	14.48245	32.08195	-1.1175	0.042467	0.077224	RP11-110I:	chr11	-	1.19E+08	1.19E+08	1359
ENSG0000(	0.632843	15.48666	-4.1296	4.27E-05	0.000127	RP11-303(	chr8	+	12437796	12438572	186
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	RP11-680F	chr11	+	1.26E+08	1.26E+08	496
ENSG0000(	3.516131	3.798823	-0.07548	0.94321	0.96323	RP11-839D	chr11	-	1.13E+08	1.13E+08	743
ENSG0000(	0	3.054271	-3.1134	0.040994	0.074937	RP11-396J(	chr8	+	68644822	68647900	550
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	RP11-63C8	chr11	+	41416145	41448054	578
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-646J:	chr11	-	33836423	33843641	308
ENSG0000(	60.95523	162.9174	-1.4065	4.22E-10	2.00E-09	RP11-111N	chr11	-	76152382	76155724	2608
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	CTD-2562J	chr11	-	74919099	74952218	538
ENSG0000(	0.580602	0.343138	0.37443	0.8337	NA	RP11-290D	chr13	-	45911615	45911744	130
ENSG0000(	4.088174	7.999861	-0.92982	0.25551	0.35281	AP000442.	chr11	+	59383902	59407334	601
ENSG0000(	1.45232	1.012429	0.34872	0.83186	0.88143	RP11-438N	chr11	-	3994111	3995467	848
ENSG0000(	25.38618	24.49337	0.037563	0.93663	0.9582	AP006621.	chr11	+	781645	782105	284
ENSG0000(	4.45044	0	3.6273	0.014008	0.028552	RP11-805J	chr11	+	69975403	69995729	497
ENSG0000(	0.36308	4.813668	-3.0432	0.027176	0.052016	RP11-60I3.	chr9	-	1.03E+08	1.03E+08	544
ENSG0000(	0.580602	0.343138	0.37443	0.8337	NA	RP11-659P	chr11	-	57811582	57827610	1890
ENSG0000(	1.286224	0	1.8436	0.2818	NA	RP4-791M:	chr1	+	1.45E+08	1.45E+08	573

ENSG0000(	9.151733	30.32263	-1.7036	0.001366	0.00332	EID3	chr12	+	1.05E+08	1.05E+08	1464
ENSG0000(	0	4.127392	-3.5283	0.016979	0.034009	GLYATL1P3	chr11	+	58853780	58862259	909
ENSG0000(	6.318081	24.47068	-1.9133	0.000773	0.001951	CTD-2245C	chr11	+	1330999	1331937	939
ENSG0000(	0.290301	0.640152	-0.50256	0.77558	NA	RPP14	chr3	+	58291974	58305920	3264
ENSG0000(	1.306762	1.058552	0.25362	0.86786	0.90794	KLHL22-IT1	chr22	-	20829490	20829598	109
ENSG0000(	8.153204	3.731683	1.0267	0.2451	0.34091	RP11-754B	chr11	+	665910	678391	912
ENSG0000(	3.22583	0.700845	1.8842	0.14907	0.22584	RP11-318C	chr11	+	8790325	8831778	850
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-358N	chr11	+	89519113	89521006	1454
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-832A	chr11	-	1.18E+08	1.18E+08	280
ENSG0000(	0.580602	0.640152	-0.06311	0.97099	NA	RP5-1047A	chr8	+	1.46E+08	1.46E+08	439
ENSG0000(	0.36308	0.951736	-0.91212	0.59701	NA	CTD-2609K	chr11	+	44093012	44093953	464
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-481A	chr8	+	11856596	11856977	382
ENSG0000(	30.92488	8.830212	1.755	0.00093	0.002319	AP002954.	chr11	+	1.19E+08	1.19E+08	1388
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-686G	chr11	-	80462243	80473869	1571
ENSG0000(	0.290301	0	0.4146	0.81455	NA	CTD-2517N	chr8	-	1.46E+08	1.46E+08	2625
ENSG0000(	1.048164	1.387121	-0.30983	0.84043	0.88801	RP11-106J	chr16	-	70044654	70099848	1315
ENSG0000(	0.632843	0	0.81931	0.64303	NA	RP11-514F	chr11	+	36408071	36409800	151
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	GLYATL1P1	chr11	+	58746260	58761593	1607
ENSG0000(	9.171457	1.294874	2.5767	0.007742	0.016606	RP11-626H	chr11	+	69831982	69861921	432
ENSG0000(	0.580602	70.02176	-6.2489	8.83E-13	5.03E-12	NANOGP8	chr15	-	35376394	35377311	916
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-945A	chr11	+	23752134	23818516	683
ENSG0000(	5.644162	1.248751	1.8987	0.085799	0.14183	RP11-750H	chr11	-	47404699	47430741	851
ENSG0000(	25.91454	26.49064	-0.03911	0.92796	0.95224	SNHG9	chr16	+	2014960	2015510	471
ENSG0000(	4.107898	3.475086	0.23649	0.8375	0.88597	AP003068.	chr11	-	64941588	64943941	2354
ENSG0000(	26.20223	35.27071	-0.41744	0.40753	0.51224	RP11-350N	chr8	+	38279407	38283614	534
ENSG0000(	10.21783	1.370136	2.6879	0.005533	0.012213	RP4-541C2	chr11	-	33686766	33718247	648
ENSG0000(	3.205292	0.343138	2.5269	0.077779	0.13035	OR7E2P	chr11	-	86568101	86568989	889
ENSG0000(	0	1.416259	-1.7181	0.33141	NA	RP11-403D	chr8	-	68994439	69007316	774
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP1-305G2	chr11	+	33472192	33472489	298
ENSG0000(	0	1.294874	-1.8547	0.27869	NA	RP11-831A	chr11	-	1.2E+08	1.2E+08	562
ENSG0000(	0.580602	3.870053	-2.1824	0.10149	0.16343	DDX18P5	chr11	+	1.3E+08	1.3E+08	1306
ENSG0000(	0.36308	0	0.4146	0.81455	NA	SETP17	chr11	+	86005802	86006618	817
ENSG0000(	8.995011	32.01892	-1.8015	0.000252	0.000682	CTD-3065J	chr8	-	1.45E+08	1.45E+08	1264
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP5-901A4	chr11	-	67733344	67733698	355
ENSG0000(	0.580602	0.937167	-0.42674	0.8018	NA	RP11-727A	chr11	+	82997171	83134559	2643
ENSG0000(	1.503747	4.995002	-1.4166	0.28764	0.3893	CTD-2655K	chr11	+	67889520	67897985	551
ENSG0000(	0.72616	1.606458	-0.84056	0.60475	0.69794	RP13-317D	chr11	-	462930	463899	664
ENSG0000(	0	4.974728	-3.8898	0.005251	0.011651	AP002954.	chr11	-	1.19E+08	1.19E+08	465
ENSG0000(	1.027626	16.54521	-3.7208	8.80E-05	0.000252	RP11-142C	chr11	-	58701116	58826132	2810
ENSG0000(	0.342542	2.24661	-2.0278	0.18217	0.26698	RP11-164N	chr11	+	87831759	87849003	252
ENSG0000(	0.943682	3.365854	-1.5324	0.22209	0.31428	CTD-2523D	chr11	+	1.2E+08	1.2E+08	559
ENSG0000(	1990.878	6.428247	8.1623	4.12E-131	3.79E-129	RP11-166D	chr11	-	1.22E+08	1.22E+08	3370
ENSG0000(	0.290301	0	0.4146	0.81455	NA	CTD-2005H	chr11	+	86438397	86476307	503
ENSG0000(	0	2.024857	-2.2291	0.19662	0.28458	RP11-303G	chr8	+	12495937	12496111	175
ENSG0000(	0.995923	0.343138	1.0212	0.53809	NA	RP5-916O1	chr11	+	35993978	36010557	494
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC025016.	chr11	+	5959981	5966214	573
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	RP11-430H	chr11	+	45392948	45410059	2597
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-702F	chr11	-	46235372	46237409	536
ENSG0000(	0.342542	0	0.4146	0.81455	NA	NAV2-IT1	chr11	+	19402031	19406561	506
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP13-279N	chr1	-	19175767	19247615	4369
ENSG0000(	1.048164	0.297015	0.97802	0.57083	NA	RRM1-AS1	chr11	-	4158346	4159487	346
ENSG0000(	4.430716	2.855208	0.54152	0.62552	0.71563	ABCC6P2	chr16	-	14914649	14918563	717
ENSG0000(	6.742774	9.015578	-0.41071	0.61918	0.7103	WTAPP1	chr11	+	1.03E+08	1.03E+08	2642
ENSG0000(	98.31709	84.29223	0.21313	0.47427	0.57888	AP006621.	chr11	+	777578	784297	765
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-708L	chr11	-	1.12E+08	1.12E+08	353
ENSG0000(	1.431782	2.733823	-0.77278	0.59617	0.69051	RP11-757C	chr11	-	71649717	71650590	560
ENSG0000(	0.653381	0.297015	0.51304	0.77085	NA	RP11-655C	chr11	-	58265361	58273231	585
ENSG0000(	1050.227	477.4841	1.1349	2.66E-11	1.37E-10	EID1	chr15	+	49170083	49172380	2298
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-734C	chr11	-	57633770	57634751	982
ENSG0000(	7.198357	13.17936	-0.84125	0.19675	0.28474	RP5-901A4	chr11	-	67792277	67797928	739
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	OR52B2	chr11	-	6190560	6191638	1079
ENSG0000(	2.987769	0	3.1007	0.040889	0.074766	RP11-428C	chr11	+	19218322	19302973	516
ENSG0000(	70.48283	143.1966	-1.0206	4.31E-06	1.44E-05	AF131215.	chr8	-	10965298	10967236	1939
ENSG0000(	0.342542	1.073121	-0.87093	0.62353	NA	RP11-160H	chr11	+	83354645	83436433	908
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP11-688I9	chr11	+	1.27E+08	1.27E+08	462

ENSG0000(	77.50556	270.4302	-1.7702	0.00022	0.000598	RP11-655N	chr11	-	67385750	67394775	831
ENSG0000(	0.36308	3.030838	-2.1905	0.17246	0.25504	CTD-2313N	chr11	+	71422786	71492229	1345
ENSG0000(	38.95306	6.179772	2.5757	3.11E-06	1.06E-05	RP11-755F	chr11	-	66012311	66013710	397
ENSG0000(	0.943682	0.297015	0.89158	0.60669	NA	RP11-91I2(	chr8	-	61464516	61465595	689
ENSG0000(	4.85541	1.340997	1.6396	0.14395	0.21905	RP11-22P4	chr11	+	28373654	28548588	687
ENSG0000(	3.754191	0	3.3629	0.026757	0.051291	RP11-96B2	chr8	-	1.23E+08	1.24E+08	631
ENSG0000(	5.704962	3.541484	0.64239	0.4726	0.57724	CTD-2530H	chr11	+	75294241	75305710	651
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-555G	chr11	+	1.35E+08	1.35E+08	762
ENSG0000(	0	1.40169	-1.7271	0.32809	NA	RP11-326C	chr11	+	327171	330122	827
ENSG0000(	0	2.635871	-2.911	0.060379	0.10495	H2AFZP4	chr11	-	70125027	70125403	377
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-201N	chr11	+	91527528	91545460	1033
ENSG0000(	0.995923	0.594029	0.48398	0.76518	NA	RP11-708L	chr11	+	1.12E+08	1.12E+08	322
ENSG0000(	0.342542	1.713273	-1.6507	0.29668	0.39869	RP11-315C	chr11	+	1.02E+08	1.02E+08	692
ENSG0000(	0.653381	0.297015	0.51304	0.77085	NA	RP11-484D	chr11	-	43400432	43407221	444
ENSG0000(	4.221753	0.686276	2.2192	0.087163	0.14386	RP11-762B	chr11	-	1.23E+08	1.23E+08	454
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-299N	chr8	-	1.45E+08	1.45E+08	316
ENSG0000(	0.943682	0.297015	0.89158	0.60669	NA	CTD-2337I1	chr11	+	78803893	78809048	1897
ENSG0000(	6.669182	0.891044	2.463	0.037057	0.068561	NOX5	chr15	+	69222864	69355083	8592
ENSG0000(	2.096328	2.012704	0.036701	0.97955	0.9887	RP11-700F	chr11	+	1.34E+08	1.34E+08	334
ENSG0000(	0.975385	0.357707	0.92752	0.59066	NA	RP11-37O1	chr11	-	1.03E+08	1.03E+08	1526
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-382N	chr11	+	1.07E+08	1.07E+08	1245
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	AP000640.	chr11	+	59436785	59443514	683
ENSG0000(	0	1.903472	-2.1599	0.21236	NA	RP11-277E	chr12	-	8049210	8049554	345
ENSG0000(	0.72616	1.935026	-1.1408	0.44406	0.54967	RP11-567C	chr11	-	1.3E+08	1.3E+08	510
ENSG0000(	3.661688	3.290593	0.13412	0.88839	0.92221	RP11-619A	chr11	-	75922000	75927069	388
ENSG0000(	2.665765	0	2.872	0.06812	0.11639	RP11-94A2	chr8	-	1.23E+08	1.23E+08	553
ENSG0000(	0	1.606458	-1.9287	0.27074	NA	RP11-1134	chr8	+	48102395	48104885	2491
ENSG0000(	13.43429	24.83081	-0.87302	0.059043	0.10301	RP13-726E	chr11	-	3502750	3602441	983
ENSG0000(	0.36308	0	0.4146	0.81455	NA	OPCML-IT2	chr11	-	1.33E+08	1.33E+08	398
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	CTD-3064C	chr11	-	22282755	22283802	516
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	CYCSP29	chr11	-	1.09E+08	1.09E+08	318
ENSG0000(	0.580602	0.343138	0.37443	0.8337	NA	AP001258.	chr11	-	58909594	58910083	490
ENSG0000(	0.290301	0.951736	-0.90191	0.60254	NA	RP11-770J	chr11	-	1.18E+08	1.18E+08	2086
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-313I7	chr11	+	89433932	89434493	562
ENSG0000(	2.967231	0	3.0796	0.043507	0.078876	RP11-124G	chr11	-	41540445	41735998	859
ENSG0000(	8.298762	15.97146	-0.9281	0.1153	0.18251	C6orf3	chr6	+	1.12E+08	1.12E+08	2421
ENSG0000(	0.36308	0	0.4146	0.81455	NA	C8orf49	chr8	+	11618896	11620309	1414
ENSG0000(	0.975385	4.196206	-1.8168	0.13363	0.20636	AC022182.	chr8	-	61850264	61852430	2167
ENSG0000(	1.016461	0	1.3167	0.46021	NA	HCAR3	chr12	-	1.23E+08	1.23E+08	2137
ENSG0000(	0	34.77939	-6.7078	3.60E-09	1.58E-08	TBX5-AS1	chr12	+	1.15E+08	1.15E+08	3620
ENSG0000(	1.628766	0	2.1781	0.19145	NA	RP13-631K	chr11	+	12108438	12110988	550
ENSG0000(	0	1.713273	-2.2094	0.18675	NA	AP000641.	chr11	+	1.06E+08	1.06E+08	1639
ENSG0000(	31.33955	20.06729	0.63434	0.14182	0.21628	PCDHA3	chr5	+	1.4E+08	1.4E+08	5260
ENSG0000(	0.36308	1.874334	-1.6777	0.30573	0.40725	RSF1-IT1	chr11	-	77449725	77450613	632
ENSG0000(	1.068702	0.686276	0.41528	0.80556	NA	RP11-732A	chr11	+	6651834	6656439	487
ENSG0000(	1.431782	2.010288	-0.43408	0.747	0.81465	AP000783.	chr11	+	1.23E+08	1.23E+08	2471
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-37O1	chr11	-	1.03E+08	1.03E+08	656
ENSG0000(	0.975385	0	1.2767	0.47406	NA	RP11-266A	chr11	+	23186446	23224707	685
ENSG0000(	3.64115	2.915901	0.27785	0.79801	0.8569	CTD-2011F	chr11	-	75848359	75848775	285
ENSG0000(	0	5.361573	-3.9914	0.00392	0.008864	AP002954.	chr11	+	1.19E+08	1.19E+08	425
ENSG0000(	38.73831	25.12453	0.61563	0.094802	0.15444	EBLN2	chr3	+	73110810	73112488	1679
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-734C	chr11	-	58111210	58112137	928
ENSG0000(	2.738544	1.234181	0.92	0.48346	0.58754	CTD-2530H	chr11	-	75307189	75308315	546
ENSG0000(	0.923144	0.937167	-0.01228	0.99379	NA	RP11-770J	chr11	-	1.18E+08	1.18E+08	579
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	Z95704.2	chr4	+	85621	87340	1716
ENSG0000(	8.57969	4.135513	0.97592	0.21801	0.30947	CTD-2653D	chr20	+	46306645	46315041	2437
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	CTD-2616J	chr19	+	51918978	51920679	729
ENSG0000(	11.83543	0.297015	4.3777	0.000294	0.000789	RP1-68D18	chr11	-	35231890	35236532	587
ENSG0000(	3.974319	1.949596	0.90346	0.42065	0.526	RP11-573N	chr11	+	92885241	92885916	676
ENSG0000(	1.939605	1.280305	0.49117	0.71065	0.78511	RP11-91P2	chr11	-	77577458	77581137	712
ENSG0000(	85.61345	44.4991	0.93422	0.000571	0.001469	RP11-890B	chr11	-	1.31E+08	1.31E+08	3994
ENSG0000(	0.685084	0.297015	0.4735	0.79064	NA	CTD-2517N	chr8	+	1.46E+08	1.46E+08	398
ENSG0000(	3.216457	11.55108	-1.6964	0.068714	0.11724	RP11-539G	chr4	+	39640760	39668264	1061
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-52B1	chr8	-	7943544	7944287	744
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	RP11-144G	chr11	-	1.08E+08	1.08E+08	964

ENSG0000(	30.13548	24.50136	0.29726	0.45388	0.5593	RP11-867G	chr11	+	66115421	66132275	762
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-725K	chr11	+	1.03E+08	1.03E+08	355
ENSG0000(	48.45525	12.26246	1.94	8.11E-06	2.63E-05	RP11-736K	chr11	-	86603256	86636079	1156
ENSG0000(	2.894453	22.36728	-2.8164	3.89E-05	0.000117	RP11-234B	chr12	-	4809583	4829268	1249
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	RP11-1H15	chr11	+	9860690	9950810	586
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP4-710M:	chr11	+	30447099	30450815	365
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-290F	chr11	-	6067037	6067977	941
ENSG0000(	1.390706	0	1.6954	0.33813	NA	RP11-513D	chr8	+	38133406	38134198	256
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTC-830E2.	chr11	+	24722821	24723121	301
ENSG0000(	11.70104	7.428522	0.62477	0.3455	0.4496	AC145124.	chr8	+	12051976	12053789	1361
ENSG0000(	0.685084	0	0.85004	0.63064	NA	CARD18	chr11	-	1.05E+08	1.05E+08	652
ENSG0000(	0.685084	1.788535	-0.8553	0.62058	0.71136	RP11-113K	chr11	-	82783444	82808238	436
ENSG0000(	1.233984	1.355566	-0.07449	0.95815	0.97466	RP11-203F	chr11	-	92481898	92500033	583
ENSG0000(	1.701545	2.010288	-0.21791	0.85799	0.90036	RP11-535A	chr11	-	75514476	75526451	683
ENSG0000(	19.75237	10.67299	0.85596	0.10487	0.168	MIR3654	chr11	-	62327075	62359003	5064
ENSG0000(	1.660469	18.47533	-3.1491	0.002313	0.005415	RP11-445F	chr17	-	35218935	35293960	1462
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-164N	chr11	+	87783274	87795278	572
ENSG0000(	8.622558	6.361849	0.41972	0.58993	0.68514	CTD-3074C	chr11	-	66240961	66247704	944
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-148C	chr8	-	11413760	11415531	544
ENSG0000(	0.923144	0	1.223	0.49292	NA	RP11-390K	chr11	-	47144655	47152352	332
ENSG0000(	1.317927	0.343138	1.2418	0.46439	NA	RP4-607I7.	chr11	-	35154202	35159579	1102
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	RP13-726E	chr11	+	3552650	3552838	189
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-780C	chr11	-	58684488	58696162	643
ENSG0000(	2.656392	1.309443	0.85507	0.50826	0.61176	A-575C2.4	chr16	+	28648975	28670003	2058
ENSG0000(	311.5558	306.886	0.022992	0.89067	0.92411	POLR2M	chr15	+	57884231	58074960	4199
ENSG0000(	0.290301	2.185918	-1.9959	0.19817	0.28639	RP11-326C	chr11	-	303856	304144	289
ENSG0000(	0.580602	0	0.8036	0.6494	NA	AP000708.	chr11	+	1.25E+08	1.25E+08	3423
ENSG0000(	0.36308	1.66715	-1.5237	0.35755	0.46184	OR10V2P	chr11	+	59516284	59517047	764
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTA-797E1	chr11	-	70170977	70173315	367
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-313I:	chr11	+	89464185	89467950	3766
ENSG0000(	0	30.44173	-6.3692	2.38E-07	9.00E-07	RP11-627G	chr11	+	1.34E+08	1.34E+08	4435
ENSG0000(	0.632843	0.343138	0.49756	0.77728	NA	RP11-617B	chr11	+	1.04E+08	1.04E+08	547
ENSG0000(	0.653381	2.399549	-1.5036	0.27948	0.38024	RP11-351I:	chr8	-	12305522	12368787	929
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	OR7E1P	chr11	-	67741757	67742714	958
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	AP000857.	chr11	+	84647733	84666749	419
ENSG0000(	8.332257	2.079102	1.7112	0.14533	0.22089	RP11-770G	chr11	+	65513200	65539056	464
ENSG0000(	4.688501	7.43497	-0.59506	0.48511	0.58911	ZNF252P-A	chr8	+	1.46E+08	1.46E+08	3236
ENSG0000(	14.12874	18.08124	-0.34904	0.52193	0.62445	FDXACB1	chr11	-	1.12E+08	1.12E+08	2789
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	UNC93B6	chr11	+	71314306	71319086	1143
ENSG0000(	1.774324	0	2.0349	0.24308	NA	RP11-6B19	chr12	+	15933002	15935054	465
ENSG0000(	6.390859	6.079404	0.068599	0.92887	0.9529	RP11-114F	chr12	-	64836290	64837110	504
ENSG0000(	9.232258	8.449815	0.14177	0.84615	0.892	BRWD1-IT2	chr21	-	40685887	40686886	1000
ENSG0000(	0	5.334851	-3.9056	0.006444	0.014052	CTD-2335A	chr15	+	89904810	89939471	2718
ENSG0000(	0.580602	0	0.8036	0.6494	NA	AP000462.	chr11	+	1.15E+08	1.15E+08	818
ENSG0000(	0	4.943174	-3.8842	0.005303	0.011756	RP11-69M:	chr12	-	8169797	8170456	660
ENSG0000(	4.627701	8.256457	-0.798	0.34714	0.45138	RP11-188C	chr9	-	1.41E+08	1.41E+08	1023
ENSG0000(	3.755005	1.294874	1.3145	0.2697	0.36876	RAB44	chr6	+	36688140	36699870	2238
ENSG0000(	0	1.234181	-1.5727	0.37581	NA	RP4-809F1	chr12	+	1.27E+08	1.27E+08	1310
ENSG0000(	1.359003	0.640152	0.80743	0.58991	0.68514	RP3-377H1	chr12	+	4948121	4951841	560
ENSG0000(	0	2.681995	-2.9147	0.061147	0.10611	RP11-357K	chr12	-	1.19E+08	1.19E+08	680
ENSG0000(	2.188831	3.930745	-0.73485	0.49947	0.60322	RP11-377D	chr12	+	13153385	13193613	2403
ENSG0000(	6.347178	3.380424	0.85446	0.38059	0.48464	PCDHB17	chr5	+	1.41E+08	1.41E+08	3063
ENSG0000(	0.36308	0.715414	-0.51558	0.77246	NA	RP11-564D	chr10	+	1.25E+08	1.25E+08	1530
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-196H	chr12	-	64540168	64541637	462
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	MTRNR2L9	chr6	+	62284008	62284534	527
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC109992.	chr3	+	1.42E+08	1.42E+08	75
ENSG0000(	2.935529	1.577319	0.75924	0.52577	0.62766	AC093510.	chr5	+	89705817	89706485	662
ENSG0000(	0	1.591889	-2.1342	0.20414	NA	RP11-502N	chr12	+	14683085	14686163	427
ENSG0000(	0.943682	0.98329	-0.03272	0.98341	0.99079	FAM222A-A	chr12	-	1.1E+08	1.1E+08	871
ENSG0000(	4.305697	6.554464	-0.5662	0.54488	0.64518	RP11-466C	chr11	-	63534956	63536113	229
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-313F	chr12	-	34343972	34371788	743
ENSG0000(	1.866827	0	2.3484	0.15622	NA	RERG-AS1	chr12	+	15304857	15308217	337
ENSG0000(	3.278071	0.951736	1.5064	0.22333	0.31569	RP11-59H1	chr12	+	12878851	12982909	2375
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-212D	chr11	+	1.14E+08	1.14E+08	729
ENSG0000(	0.342542	40.9875	-6.1081	8.13E-09	3.47E-08	RP11-867G	chr11	+	94375073	94384797	644

ENSG0000(	2.43887	0.937167	1.0504	0.47141	0.57615	RP11-885B	chr12	-	2870366	2879621	550
ENSG0000(	1.524285	2.719254	-0.6582	0.649	0.73498	RP11-253I	chr12	+	12638287	12644515	412
ENSG0000(	0.580602	0.343138	0.37443	0.8337	NA	AC084125.	chr8	+	1.46E+08	1.46E+08	165
ENSG0000(	47.87204	1.591889	4.6623	3.63E-11	1.86E-10	AC005013.	chr7	-	28992974	28998029	5050
ENSG0000(	1.774324	2.514486	-0.44632	0.74515	0.81297	RP1-127H1	chr12	+	1.2E+08	1.2E+08	451
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-766N	chr12	+	65277174	65371302	3546
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	RP11-46H1	chr12	+	1.33E+08	1.33E+08	385
ENSG0000(	9.221906	31.96547	-1.7588	0.000256	0.000691	RP11-667M	chr11	-	1.14E+08	1.14E+08	1030
ENSG0000(	375.6884	1942.457	-2.3645	9.05E-42	1.66E-40	SNHG1	chr11	-	62619460	62623386	2768
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-529H	chr4	-	88238322	88266362	349
ENSG0000(	0.653381	3.604593	-2.0423	0.12249	0.19217	RP11-443N	chr12	+	25956137	25957460	1229
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-508P	chr12	+	15154767	15159617	605
ENSG0000(	1.338465	0	1.8837	0.27037	NA	IFNG-AS1	chr12	+	68383225	68628466	1791
ENSG0000(	2.282147	0.357707	2.0705	0.1665	0.24767	AC110619.	chr2	-	2.41E+08	2.41E+08	1667
ENSG0000(	1.649304	0	2.1906	0.18857	NA	RP11-571M	chr12	+	58120054	58122139	1500
ENSG0000(	2.551911	2.932886	-0.1724	0.87003	0.90953	RP11-757G	chr11	-	68708971	68710320	569
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	RP11-625L	chr12	+	24857499	24927147	670
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-283I	chr12	-	362608	366465	503
ENSG0000(	11.3585	6.581186	0.76422	0.23195	0.3255	AC226150.	chr12	-	1.34E+08	1.34E+08	527
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-283G	chr12	-	26383752	26472653	708
ENSG0000(	3.371387	13.86322	-1.9712	0.006276	0.013713	RP11-22B2	chr12	-	9466998	9468769	586
ENSG0000(	0.923144	0.715414	0.27646	0.87032	NA	RP11-152F	chr15	-	82765134	82798350	1349
ENSG0000(	0	1.759397	-2.0294	0.24451	NA	RP4-765H1	chr12	+	1.27E+08	1.27E+08	280
ENSG0000(	0.342542	0.700845	-0.57269	0.74414	NA	RP11-1029	chr12	+	64426192	64426445	254
ENSG0000(	1.431782	0.594029	0.81344	0.62449	0.71467	RP11-809N	chr11	+	73163065	73163389	325
ENSG0000(	0.923144	0.297015	0.87478	0.61377	NA	RP11-711K	chr12	-	11552315	11639612	562
ENSG0000(	0	349.0946	-9.7451	7.41E-19	5.90E-18	RMST	chr12	+	97825431	97958813	2598
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-817J	chr11	+	1.03E+08	1.03E+08	721
ENSG0000(	0.36308	0.654722	-0.52647	0.7643	NA	RP11-31L2	chr11	+	72354281	72370451	562
ENSG0000(	1.016461	0	1.3167	0.46021	NA	RP11-196H	chr12	-	64502543	64514269	390
ENSG0000(	0.995923	0.98329	0.006667	0.99644	0.998	MTRNR2L8	chr11	-	10529434	10530723	1290
ENSG0000(	10.54839	23.9883	-1.1454	0.028844	0.054818	RP11-157G	chr12	-	7591376	7592586	1211
ENSG0000(	14.59549	5.395544	1.3911	0.049046	0.087502	TAS2R20	chr12	-	11149094	11150474	1381
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-753B	chr12	-	1.29E+08	1.29E+08	672
ENSG0000(	1.753786	0.951736	0.64986	0.66385	0.74709	AP000593.	chr11	+	72013183	72014009	578
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-804A	chr11	-	60581405	60589212	355
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-167M	chr11	-	73674702	73681332	1412
ENSG0000(	0.685084	0.594029	0.089218	0.95997	NA	AC061975.	chr17	-	26525465	26525619	150
ENSG0000(	1.233984	0	1.5686	0.37707	NA	RP11-407A	chr12	-	1.27E+08	1.27E+08	802
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-735A	chr11	+	94782586	94784109	1524
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	RP11-87C1	chr12	-	1.22E+08	1.22E+08	816
ENSG0000(	20.14454	40.14828	-0.975	0.010415	0.021817	PXN-AS1	chr12	+	1.21E+08	1.21E+08	1170
ENSG0000(	1.628766	0	2.1781	0.19145	NA	RP11-612B	chr12	+	26468648	26470746	475
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-807H	chr11	+	71883483	71889086	825
ENSG0000(	2.624689	4.069116	-0.5657	0.57579	0.67257	RP11-444D	chr12	-	24366190	24715524	832
ENSG0000(	5.281082	0	3.9487	0.004755	0.010625	RP11-221N	chr12	+	65953371	65954669	443
ENSG0000(	3.22583	4.660728	-0.47948	0.60208	0.69555	DENND5B-A	chr12	+	31742857	31768600	1106
ENSG0000(	5.447177	1.773966	1.4612	0.1954	0.28332	RP11-613N	chr9	-	37588410	38068684	2591
ENSG0000(	4.616536	0.715414	2.3261	0.066836	0.11452	LINC00346	chr13	-	1.12E+08	1.12E+08	585
ENSG0000(	0.290301	0.700845	-0.56655	0.74739	NA	AC099522.	chr5	+	72804510	72805079	570
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-196H	chr12	-	64432342	64491398	671
ENSG0000(	4.887113	5.378559	-0.14421	0.87529	0.91338	RP11-685N	chr11	-	94206074	94206736	581
ENSG0000(	2.427705	4.074821	-0.7097	0.5142	0.61717	U47924.19	chr12	+	7080084	7105520	1086
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	XXbac-BPG	chr6	-	31192119	31192835	284
ENSG0000(	0.72616	4.129808	-2.0804	0.13031	0.20203	RP11-522N	chr12	+	1.24E+08	1.25E+08	557
ENSG0000(	0.943682	0.297015	0.89158	0.60669	NA	RP11-405A	chr12	+	19928385	20162871	718
ENSG0000(	1.338465	0	1.8837	0.27037	NA	RP11-264F	chr12	-	4361901	4384231	495
ENSG0000(	0.290301	1.248751	-1.2076	0.47886	NA	RP11-456I	chr11	+	73433394	73433739	210
ENSG0000(	0	1.638012	-2.1885	0.18912	NA	RP11-867G	chr11	-	94278496	94473521	954
ENSG0000(	0	1.370136	-1.6825	0.34201	NA	RP11-286N	chr11	+	61263912	61267548	554
ENSG0000(	8.962494	5.932169	0.54566	0.52879	0.63034	RP11-495K	chr12	-	1.32E+08	1.32E+08	666
ENSG0000(	0	1.698704	-2.2257	0.18075	NA	RP11-173P	chr12	-	1.21E+08	1.21E+08	583
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP11-967K	chr12	+	28317891	28318595	554
ENSG0000(	0.36308	0.686276	-0.48701	0.78478	NA	RP11-804A	chr11	-	60603469	60610438	501
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-459D	chr12	+	18577597	18578074	478

ENSG0000(	0	3.426547	-3.2456	0.032755	0.06137	RP11-69M:	chr12	+	8167620	8169002	1069
ENSG0000(	0.923144	0	1.223	0.49292	NA	RP11-408I:	chr12	+	1.25E+08	1.25E+08	130
ENSG0000(	2.697468	6.093973	-1.0999	0.2246	0.31721	RP5-940J5.	chr12	-	6641456	6642664	477
ENSG0000(	0.342542	1.326428	-1.2461	0.46257	NA	RP11-438L	chr12	+	8786963	8790204	2285
ENSG0000(	2.770247	6.583602	-1.1819	0.21157	0.30194	RP11-513G	chr12	+	26471886	26574395	775
ENSG0000(	5.2374	1.058552	2.0454	0.09133	0.14963	RP11-43N5	chr12	-	68102827	68123255	3135
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-324E	chr12	-	1.23E+08	1.23E+08	28
ENSG0000(	2.976604	4.775666	-0.62641	0.55958	0.65827	CYP2A6	chr19	-	41349443	41356352	1764
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-444J:	chr12	+	7759430	7759927	498
ENSG0000(	1.048164	0	1.348	0.44949	NA	NXPE2P1	chr11	-	1.14E+08	1.14E+08	726
ENSG0000(	0	5.583326	-4.0741	0.002825	0.00654	RP11-1038	chr12	+	5497755	5515817	1405
ENSG0000(	0	1.577319	-1.9089	0.27608	NA	MT1JP	chr16	+	56669651	56670998	887
ENSG0000(	2.229907	10.43096	-2.0539	0.019085	0.037841	RP11-711M	chr2	+	74213653	74220867	710
ENSG0000(	5.341882	9.750394	-0.81027	0.27951	0.38026	RP11-417L	chr12	-	1.32E+08	1.32E+08	426
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	PSMC1P9	chr12	+	18845696	18847030	1335
ENSG0000(	0	2.728118	-2.8815	0.068704	0.11723	CCDC177	chr14	-	70037483	70038032	550
ENSG0000(	0	1.903472	-2.1599	0.21236	NA	RP11-575F	chr12	-	1.28E+08	1.28E+08	505
ENSG0000(	5.580756	2.759672	0.92113	0.4051	0.50997	AC084117.	chr11	+	18427156	18428278	270
ENSG0000(	0.290301	22.28792	-5.2607	3.30E-06	1.12E-05	RP11-728G	chr12	-	1.21E+08	1.21E+08	496
ENSG0000(	6.671788	43.88385	-2.6129	0.000188	0.000517	HIST1H3G	chr6	-	26271146	26271612	467
ENSG0000(	0.580602	0.686276	-0.10523	0.9528	NA	TAS2R63P	chr12	-	11200931	11201855	925
ENSG0000(	2.479946	0	2.5072	0.13961	0.21341	RP5-1154L	chr12	-	695031	695652	373
ENSG0000(	0.632843	0.640152	-0.00865	0.99586	NA	RP11-501E	chr12	-	21600479	21601248	467
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-526P	chr12	-	1.28E+08	1.28E+08	959
ENSG0000(	1.016461	0	1.3167	0.46021	NA	CACNA1C-A	chr12	-	2329703	2332645	735
ENSG0000(	0.975385	2.024857	-0.81092	0.58247	0.67863	CBX3P4	chr12	-	2896097	2903461	423
ENSG0000(	0	1.623443	-1.9406	0.26756	NA	RP11-364C	chr12	+	1.19E+08	1.19E+08	455
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-707G	chr11	+	73471608	73472115	428
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	AP000619.	chr11	-	1.03E+08	1.03E+08	969
ENSG0000(	3.76617	2.232041	0.64775	0.53992	0.64049	MRPL40P1	chr12	+	67745216	67745819	604
ENSG0000(	128.5024	39.91767	1.6758	5.48E-11	2.77E-10	CTSO	chr4	-	1.57E+08	1.57E+08	2954
ENSG0000(	0	2.217472	-2.3847	0.1626	0.243	PADI6	chr1	+	17698691	17728195	2397
ENSG0000(	2.282147	0	2.6902	0.089639	0.14723	RP11-982M	chr14	+	1.05E+08	1.05E+08	1307
ENSG0000(	202.1374	132.963	0.60249	0.000527	0.001364	APOPT1	chr14	+	1.04E+08	1.04E+08	2523
ENSG0000(	2.375464	0	2.6887	0.093683	0.15293	RP11-709A	chr12	-	27745394	27746972	928
ENSG0000(	22.2315	35.80484	-0.67805	0.081893	0.13629	TRAPPC2P1	chr19	+	57874879	57876721	1743
ENSG0000(	5.436012	2.932886	0.80598	0.38063	0.48465	DYX1C1	chr15	-	55702723	55800432	1993
ENSG0000(	0	2.514486	-2.5628	0.12928	0.20079	A2MP1	chr12	-	9381129	9428413	4130
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-56H1	chr12	+	33607280	33608387	1108
ENSG0000(	2.810509	12.63232	-1.9912	0.028756	0.054668	C21orf119	chr21	+	33765439	33766254	816
ENSG0000(	37.70033	3.368271	3.3912	2.95E-08	1.20E-07	RP11-366L	chr12	-	66328557	66342259	454
ENSG0000(	0	4.63159	-3.7851	0.007148	0.015444	RP11-337L	chr12	-	1.3E+08	1.3E+08	739
ENSG0000(	283.8614	122.396	1.2112	8.19E-11	4.08E-10	ZNF432	chr19	-	52534632	52598991	4513
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-627G	chr11	+	1.14E+08	1.14E+08	679
ENSG0000(	19.30534	33.16327	-0.76651	0.050083	0.089084	RP13-942M	chr12	+	1.24E+08	1.24E+08	1920
ENSG0000(	0.580602	0.594029	-0.01451	0.9935	NA	LINC00696	chr3	-	52097076	52097567	492
ENSG0000(	0.653381	5.583326	-2.6828	0.023135	0.045034	RP11-90D4	chr12	+	8474472	8482210	603
ENSG0000(	0.342542	1.188058	-0.99414	0.57407	NA	RP13-672B	chr12	+	1.33E+08	1.33E+08	574
ENSG0000(	0	1.294874	-1.8547	0.27869	NA	RP11-319E	chr12	-	5343163	5352317	754
ENSG0000(	1.359003	0.297015	1.3758	0.39512	NA	RP11-783K	chr11	-	63996686	64001824	923
ENSG0000(	5.923298	5.133373	0.181	0.82172	0.8745	RP11-84E2	chr17	+	70026432	70034889	639
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-173C	chr12	-	1.27E+08	1.27E+08	888
ENSG0000(	0.923144	1.531196	-0.5504	0.71821	0.79139	RP11-674J	chr12	-	16124824	16125543	720
ENSG0000(	0	3.056687	-2.9811	0.061557	0.10667	RP11-174M	chr12	-	1.3E+08	1.3E+08	392
ENSG0000(	4.648238	7.766828	-0.7036	0.41547	0.52055	RP11-443D	chr12	+	1.1E+08	1.1E+08	539
ENSG0000(	2.386629	4.943174	-0.98429	0.31512	0.41775	Z95704.5	chr4	-	123966	125423	1452
ENSG0000(	0	3.351285	-3.2746	0.028086	0.053569	RP11-319E	chr12	+	5425127	5428513	3387
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-809M	chr11	+	73221703	73221865	163
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-76C1	chr12	-	1.31E+08	1.31E+08	1277
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	RP11-277P	chr12	-	10511063	10513644	562
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-820K	chr12	+	31630440	31630921	482
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	SMLR1	chr6	+	1.31E+08	1.31E+08	2512
ENSG0000(	1.722083	4.853343	-1.3782	0.19771	0.28586	RP11-264F	chr12	-	4357931	4385350	555
ENSG0000(	0.653381	0.937167	-0.38446	0.8124	NA	ATF4P4	chr11	+	1.14E+08	1.14E+08	1930
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	GCSHP4	chr12	-	8293764	8295293	439

ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-473N	chr12	-	67834778	67836339	741
ENSG0000(	1.597063	5.911895	-1.6925	0.10397	0.16674	RP11-627K	chr12	+	31464551	31464963	316
ENSG0000(	15.26085	21.91162	-0.51453	0.28631	0.38783	RP11-612B	chr12	-	26488797	26489883	172
ENSG0000(	2.822488	1.759397	0.5624	0.68159	0.76193	TAS2R30	chr12	-	11285557	11287243	1687
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-167N	chr11	-	73702328	73703225	898
ENSG0000(	0.632843	0	0.81931	0.64303	NA	LINC00507	chr12	+	1.28E+08	1.28E+08	1935
ENSG0000(	2.241072	0.594029	1.3613	0.38742	0.49154	RP11-64D2	chr11	-	1.14E+08	1.14E+08	3837
ENSG0000(	3.028845	2.742687	0.13323	0.90386	0.93355	RP11-881N	chr11	-	60685941	60692869	864
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	TSPAN9-IT1	chr12	+	3258963	3260642	562
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-897N	chr12	-	1.32E+08	1.32E+08	493
ENSG0000(	0.36308	0.686276	-0.48701	0.78478	NA	AC005255.	chr19	+	14903121	14903589	469
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-1038	chr12	-	5475214	5476940	1727
ENSG0000(	0.653381	0.997859	-0.4521	0.77012	NA	MTRNR2L3	chr20	-	55933496	55934878	1383
ENSG0000(	57.39785	94.05035	-0.70539	0.021175	0.041558	ZNF10	chr12	+	1.34E+08	1.34E+08	4441
ENSG0000(	154.3989	401.8125	-1.3763	9.19E-17	6.63E-16	ZNF486	chr19	+	20278037	20311299	3837
ENSG0000(	0	18.11683	-5.7874	1.18E-06	4.19E-06	RP11-771K	chr12	-	31516415	31522235	868
ENSG0000(	1.991846	1.234181	0.54083	0.68295	0.76317	RP11-283G	chr12	-	26364097	26488789	699
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	SMIM3	chr5	+	1.5E+08	1.5E+08	2332
ENSG0000(	0.653381	0	0.82678	0.64037	NA	RP11-434C	chr12	-	11694329	11708772	188
ENSG0000(	0.36308	2.742687	-2.2668	0.1279	0.199	RP11-473N	chr12	-	16552208	16555340	3133
ENSG0000(	0.685084	0.654722	0.030656	0.98584	NA	RPL7AP3	chr14	-	35704386	35704857	472
ENSG0000(	2.946693	6.342448	-1.01	0.29923	0.40085	RP11-123C	chr12	-	67285656	67462942	192
ENSG0000(	1.306762	0.997859	0.31266	0.82903	0.87958	RP11-989F	chr12	+	1.31E+08	1.31E+08	587
ENSG0000(	0.705622	1.727843	-0.97254	0.53204	0.63323	AP000647.	chr11	-	1.03E+08	1.03E+08	1127
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CACNA1C-I	chr12	+	2157518	2158629	589
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-495K	chr12	-	1.32E+08	1.32E+08	617
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-366L	chr12	-	66421505	66424846	376
ENSG0000(	0.290301	0	0.4146	0.81455	NA	USP30-AS1	chr12	-	1.09E+08	1.09E+08	656
ENSG0000(	0.580602	2.010288	-1.3122	0.37946	0.48352	DDX11L8	chr12	-	92239	93430	366
ENSG0000(	45.1872	0	7.0627	3.07E-10	1.47E-09	RP11-221N	chr12	+	65996649	66006777	612
ENSG0000(	552.0545	924.2127	-0.74238	1.05E-11	5.53E-11	HMBS	chr11	+	1.19E+08	1.19E+08	2112
ENSG0000(	2.67693	6.71714	-1.2413	0.16547	0.24648	CACNA1C-A	chr12	-	2777666	2781386	609
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	RP5-916L7	chr12	+	1.26E+08	1.26E+08	570
ENSG0000(	3.620613	12.8338	-1.7521	0.013162	0.026997	RP11-182J	chr15	-	85154920	85158200	1018
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-466C	chr11	-	63602139	63602415	277
ENSG0000(	10.56119	12.43239	-0.24711	0.68849	0.76774	RP11-504G	chr11	-	18617006	18621230	943
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-754J	chr12	+	66957304	66957474	171
ENSG0000(	0	40.66376	-6.9347	6.01E-10	2.82E-09	RP11-277P	chr12	-	10485460	10490891	649
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-114F	chr12	-	64731958	64732577	620
ENSG0000(	72.29058	59.61181	0.28257	0.30445	0.40591	ZNF225	chr19	+	44616334	44637027	2538
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	AC005086.	chr7	-	1.02E+08	1.02E+08	219
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-989F	chr12	-	1.31E+08	1.31E+08	317
ENSG0000(	8.975287	62.23869	-2.7651	3.86E-08	1.56E-07	RP11-512N	chr12	-	1.23E+08	1.23E+08	2215
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-4N23	chr12	+	13679788	13700516	382
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-407A	chr12	+	1.27E+08	1.27E+08	379
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP13-977J	chr12	+	1.33E+08	1.33E+08	391
ENSG0000(	1.338465	2.131673	-0.53196	0.70133	0.77777	RP11-338E	chr12	-	65047840	65048799	482
ENSG0000(	1.048164	0	1.348	0.44949	NA	AP000462.	chr11	+	1.15E+08	1.15E+08	715
ENSG0000(	0.632843	2.073397	-1.2546	0.41518	0.52025	HIST1H3F	chr6	-	26250370	26250835	466
ENSG0000(	0	1.759397	-2.0294	0.24451	NA	RP11-153K	chr12	+	23252302	23344521	1629
ENSG0000(	13.59101	9.557779	0.48963	0.40697	0.51175	AL049542.	chr16	+	542366	542567	198
ENSG0000(	1.722083	1.966581	-0.17946	0.89273	0.9255	RP11-611C	chr12	+	69221898	69222333	374
ENSG0000(	2.012384	1.828211	0.080466	0.95137	0.96962	SCARNA10	chr12	+	6619441	6619688	248
ENSG0000(	5.249379	7.328154	-0.45459	0.53688	0.63775	RPL41P2	chr15	+	28560798	28561102	305
ENSG0000(	0.975385	11.89019	-3.2774	0.001046	0.002586	ABCC6P1	chr16	+	18582484	18609650	2943
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-21A7	chr11	-	63885744	63886682	575
ENSG0000(	2.86275	0.654722	1.7625	0.18738	0.27341	RP1-7G5.5	chr12	-	1.1E+08	1.1E+08	343
ENSG0000(	0.36308	0.686276	-0.48701	0.78478	NA	HSPA8P5	chr12	+	4206617	4208685	2069
ENSG0000(	5.922484	6.359433	-0.07034	0.93202	0.95541	RP11-707G	chr11	+	73639578	73641417	383
ENSG0000(	4.160139	2.711133	0.58303	0.57163	0.66875	RP11-613F	chr11	-	18532590	18533022	433
ENSG0000(	0.705622	0.357707	0.57557	0.74268	NA	RP11-711K	chr12	+	11365126	11404303	506
ENSG0000(	2.831861	0.343138	2.0959	0.196	0.28403	RP11-1060	chr12	-	27849321	27863703	1110
ENSG0000(	0.705622	0.297015	0.56864	0.74638	NA	RP11-500N	chr12	+	4754662	4757193	572
ENSG0000(	5.850519	13.64958	-1.1802	0.064779	0.1115	AC020910.	chr19	-	35166998	35168486	1487
ENSG0000(	34.35723	72.85441	-1.0768	0.000514	0.001333	RP11-347I	chr12	-	1.22E+08	1.22E+08	1626

ENSG0000(	41.03758	49.84114	-0.26928	0.40285	0.50755	AC138123.	chr12	-	93477374	93477451	78
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	ASIC5	chr4	-	1.57E+08	1.57E+08	1692
ENSG0000(	0.290301	0.715414	-0.50514	0.77701	NA	RP11-274J	chr12	-	64281159	64282378	1220
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	AC109133.	chr5	+	59960257	59960333	75
ENSG0000(	0.72616	0.297015	0.51367	0.77334	NA	CYB5RL	chr1	-	54606897	54665746	2382
ENSG0000(	0	15.43167	-5.5541	4.93E-06	1.64E-05	RP11-1038	chr12	+	5399646	5492819	992
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	RP11-144C	chr12	-	11047767	11049551	297
ENSG0000(	0.290301	0.640152	-0.50256	0.77558	NA	RP11-754J	chr12	-	66957747	66962974	1800
ENSG0000(	0	3.336716	-3.2705	0.028298	0.053889	RP11-886D	chr11	-	1.04E+08	1.04E+08	652
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-495K	chr12	-	1.32E+08	1.32E+08	494
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-118B	chr12	+	9399093	9410556	224
ENSG0000(	2.085163	0	2.4626	0.13461	0.20763	RP11-467L	chr11	-	61535973	61558075	921
ENSG0000(	0.342542	0.98329	-0.93492	0.58786	NA	RP1-102E2	chr12	+	6503071	6504235	724
ENSG0000(	8.237148	4.957743	0.69943	0.3428	0.44674	TAS2R31	chr12	-	11182986	11184006	1021
ENSG0000(	2.032922	2.80338	-0.37816	0.78053	0.84239	RP11-794G	chr11	-	61306988	61309731	1831
ENSG0000(	1.681007	0	2.1857	0.19206	NA	RP11-809N	chr11	+	73116342	73121727	334
ENSG0000(	5.976352	12.66871	-1.0574	0.18253	0.26745	RP11-667N	chr11	+	1.14E+08	1.14E+08	158
ENSG0000(	1.379541	0.297015	1.2901	0.44742	NA	RP11-363J	chr2	-	2.04E+08	2.04E+08	427
ENSG0000(	0.653381	3329.284	-11.559	1.30E-51	3.11E-50	SALL3	chr18	+	76740275	76762677	3997
ENSG0000(	2.177666	1.309443	0.59928	0.67306	0.75516	RP11-613F	chr11	-	18511790	18512502	713
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-856F	chr11	-	94607217	94658686	593
ENSG0000(	0.290301	2.07098	-1.8977	0.2248	0.3174	RP11-21A7	chr11	+	63849162	63854647	732
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-1060	chr12	+	27857501	27861296	427
ENSG0000(	2.023549	1.485073	0.31502	0.83043	0.88055	RP11-554A	chr11	+	68779751	68785915	1490
ENSG0000(	202.5611	323.1781	-0.67392	5.61E-05	0.000165	POLG2	chr17	-	62473902	62493154	1731
ENSG0000(	0.72616	3.976869	-2.1048	0.10844	0.17291	AC019294.	chr15	+	76030311	76031568	1258
ENSG0000(	3.278071	0.937167	1.5147	0.2208	0.31281	RP11-212D	chr11	+	1.14E+08	1.14E+08	1060
ENSG0000(	3.112789	4.395268	-0.47132	0.63083	0.72011	RP11-847H	chr12	+	34190373	34209675	794
ENSG0000(	0	1.84278	-2.0842	0.23234	NA	RP11-598F	chr12	-	276022	291565	1063
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP13-895J	chr12	+	1.33E+08	1.33E+08	1000
ENSG0000(	9.524186	72.5541	-2.9185	2.00E-12	1.11E-11	AC156455.	chr12	+	1.23E+08	1.23E+08	893
ENSG0000(	4.656798	5.288728	-0.14895	0.87364	0.91193	RP11-113C	chr12	+	8472977	8522151	620
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-1060	chr12	-	27761666	27761979	314
ENSG0000(	0.36308	4.144377	-2.8019	0.049955	0.088889	RP11-424N	chr12	+	16720345	16726874	603
ENSG0000(	0.72616	1.188058	-0.45174	0.79635	0.85544	RP11-274J	chr12	+	64272567	64273254	515
ENSG0000(	0.36308	2.460242	-1.9822	0.21625	0.30739	OR13A1	chr10	-	45798102	45811056	2078
ENSG0000(	8.75695	13.04502	-0.56109	0.38719	0.49132	RP13-977J	chr12	-	1.33E+08	1.33E+08	1477
ENSG0000(	0	2.66501	-2.877	0.067583	0.11559	RP11-283I	chr12	+	312808	314189	694
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	AC135776.	chr16	+	34232106	34232469	360
ENSG0000(	1.359003	1.995719	-0.49032	0.69346	0.77146	RP11-613F	chr11	-	18529155	18530367	630
ENSG0000(	0.632843	2.139794	-1.3213	0.38798	0.49211	RP11-266K	chr12	-	8407123	8461445	1013
ENSG0000(	5.561032	2.010288	1.3202	0.20584	0.29535	RP11-286N	chr11	+	61196692	61253294	883
ENSG0000(	73.75732	38.65273	0.91929	0.001986	0.004704	RP11-705C	chr12	+	9787188	9811008	2612
ENSG0000(	1.359003	2.872193	-0.96841	0.42063	0.526	RP11-522N	chr12	+	1.25E+08	1.25E+08	2256
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-749H	chr12	+	1.28E+08	1.28E+08	406
ENSG0000(	1.722083	1.623443	0.046791	0.97229	0.98474	RP11-667N	chr11	-	1.14E+08	1.14E+08	586
ENSG0000(	2.635854	2.589748	0.01574	0.98958	0.99434	AC093668.	chr7	-	1.02E+08	1.02E+08	916
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-64B1	chr12	-	1.2E+08	1.2E+08	541
ENSG0000(	0.36308	3.212915	-2.3408	0.13233	0.20477	CYP2B7P1	chr19	+	41430124	41456565	2956
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-59N2	chr12	+	21815247	21912966	578
ENSG0000(	8.869991	1.638012	2.2589	0.012449	0.025658	RP11-815J	chr18	-	12073231	12076653	3365
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	RP11-582E	chr12	+	27274843	27300597	983
ENSG0000(	0.632843	0.654722	-0.02224	0.98935	NA	RP11-454H	chr3	+	1.01E+08	1.01E+08	1158
ENSG0000(	2.096328	0.997859	0.8528	0.54162	0.64216	TAS2R67P	chr12	-	11332272	11333061	790
ENSG0000(	0	2.621302	-2.8604	0.069395	0.11824	RP11-169D	chr11	+	72295616	72299023	664
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	DKFZP686I	chr7	-	42948872	42971773	2430
ENSG0000(	4.491516	0	3.7249	0.008883	0.018864	RERG-IT1	chr12	-	15265297	15267632	301
ENSG0000(	3.693391	0	3.4184	0.01986	0.039228	RP11-144C	chr12	-	10983673	10984615	943
ENSG0000(	10.20846	0.357707	4.1621	0.000606	0.001554	RP11-429A	chr12	+	5132848	5134758	723
ENSG0000(	2.708633	8.265321	-1.5084	0.10067	0.16241	TMEM75	chr8	-	1.29E+08	1.29E+08	1466
ENSG0000(	1.774324	0.343138	1.5777	0.34013	0.44403	RP11-144C	chr12	-	11348987	11349908	922
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-180N	chr12	-	12876231	12876945	150
ENSG0000(	0.342542	2.993578	-2.4351	0.090323	0.14823	A2ML1-AS1	chr12	-	8928815	8983543	452
ENSG0000(	476.4056	225.978	1.0689	0.000431	0.001131	RP11-424C	chr12	+	20704524	20705946	1423
ENSG0000(	40.31223	60.91313	-0.58675	0.044516	0.080364	KLRAP1	chr12	-	10741077	10752434	2118

ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-338E	chr12	-	64992858	65003239	254
ENSG0000(	6.887518	16.05155	-1.1855	0.052158	0.092305	RP11-599J	chr12	-	9550951	9567447	400
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	CCDC58P5	chr11	-	73561514	73562256	432
ENSG0000(	0.72616	0.357707	0.52227	0.76959	NA	TAS2R12	chr12	-	11047542	11048481	940
ENSG0000(	74.34746	95.18738	-0.35064	0.29146	0.39328	ZNF350	chr19	-	52467596	52490109	2338
ENSG0000(	0.632843	3.307578	-1.9381	0.1491	0.22585	RP11-727F	chr11	+	62599706	62601515	565
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-476N	chr12	-	3571884	3572752	530
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-598F	chr12	-	273830	275487	1101
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP1-166H1	chr12	+	1.21E+08	1.21E+08	365
ENSG0000(	0	1.684135	-2.1921	0.19067	NA	RP11-669N	chr12	+	1.3E+08	1.3E+08	1568
ENSG0000(	3.661688	0.594029	2.0828	0.12208	0.19164	CTD-2017C	chr14	-	1.02E+08	1.02E+08	599
ENSG0000(	4.326234	4.539343	-0.07951	0.92658	0.95111	RP11-785H	chr12	-	11318689	11323952	385
ENSG0000(	0.290301	0	0.4146	0.81455	NA	PGA5	chr11	+	61008514	61018920	1519
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-436I9	chr12	+	9287680	9288187	508
ENSG0000(	0.580602	0.891044	-0.34198	0.84667	NA	CACNA1C-I	chr12	+	2378942	2398103	622
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-167N	chr11	-	73706017	73707196	1180
ENSG0000(	0	1.387121	-1.6961	0.33794	NA	AL591069.	chr6	+	1.61E+08	1.61E+08	1232
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-881N	chr11	+	60823209	60835007	452
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-45F1	chr11	+	72062391	72064254	560
ENSG0000(	4.107898	15.53278	-1.8138	0.00963	0.0203	RP13-941N	chr12	+	1.22E+08	1.22E+08	544
ENSG0000(	6.765104	2.087966	1.5539	0.1366	0.20984	RP11-680H	chr11	-	93921615	93922163	549
ENSG0000(	2.645227	1.874334	0.40502	0.73638	0.80552	RP11-17G1	chr11	-	47292208	47293661	492
ENSG0000(	1.265686	0.715414	0.59497	0.719	0.79207	RP11-860B	chr12	-	27932754	27934000	679
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-695J4	chr12	+	14720684	14772689	539
ENSG0000(	0.342542	1.029414	-0.83909	0.63652	NA	RP11-159N	chr11	+	1.13E+08	1.13E+08	524
ENSG0000(	0.72616	0	0.85004	0.63064	NA	STH	chr17	+	44076616	44077060	445
ENSG0000(	64.40525	361.9714	-2.4739	2.51E-14	1.58E-13	ZNF253	chr19	+	19976695	20005483	3519
ENSG0000(	0.653381	0.640152	0.01046	0.99499	NA	RP11-697H	chr11	+	63405149	63426434	423
ENSG0000(	10.83013	0.343138	4.2544	0.000402	0.001057	RP11-429A	chr12	+	5127631	5130879	604
ENSG0000(	80.02593	25.27506	1.6546	4.48E-08	1.80E-07	RP11-680F	chr15	+	29967194	29973161	2530
ENSG0000(	0.653381	1.40169	-0.79346	0.61259	0.70485	CAPNS2	chr16	+	55600584	55601599	1016
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-804A	chr11	-	60609279	60618554	491
ENSG0000(	0	2.261179	-2.4065	0.15834	0.23767	RP11-21A7	chr11	+	63803442	63871125	650
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	AC138744.	chr17	+	62487640	62487906	267
ENSG0000(	1.628766	0.357707	1.626	0.30064	0.40208	RP11-214K	chr12	-	1.24E+08	1.24E+08	355
ENSG0000(	1.338465	1.188058	0.094053	0.95085	0.96922	AC007401.	chr2	-	36816784	36818696	1911
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	RP11-661I7	chr11	-	1.14E+08	1.14E+08	494
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-664D	chr12	+	3980900	4019504	678
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	SLC5A8	chr12	-	1.02E+08	1.02E+08	4178
ENSG0000(	47.66731	56.10356	-0.23635	0.41127	0.51604	NOL12	chr22	+	38077680	38089483	2852
ENSG0000(	20.74748	11.74041	0.81543	0.12287	0.19263	AP001877.	chr11	-	95556681	95557336	654
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	AC093847.	chr4	+	92949929	92950119	189
ENSG0000(	13.60894	1.606458	2.8559	0.001211	0.002964	RP11-283G	chr12	-	26278088	26279550	566
ENSG0000(	15.5725	19.89092	-0.35704	0.56476	0.66268	RP11-17G1	chr11	-	47241769	47243302	610
ENSG0000(	1.597063	1.684135	-0.04655	0.97242	0.98479	RP11-707G	chr11	-	73632710	73633241	532
ENSG0000(	3.246368	0.951736	1.4754	0.25069	0.34726	RP11-986G	chr12	-	2861763	2862298	536
ENSG0000(	0.290301	2.779947	-2.2957	0.13236	0.20479	A2ML1-AS2	chr12	-	8972412	8973309	386
ENSG0000(	3.153865	0.654722	1.8249	0.18328	0.26837	AC090571.	chr8	-	41818758	41820184	138
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP1-102E2	chr12	+	6586880	6589373	2494
ENSG0000(	2.520208	1.340997	0.80715	0.51192	0.61506	RP11-467L	chr11	-	61580975	61582121	574
ENSG0000(	1.338465	0	1.8837	0.27037	NA	RP11-221N	chr12	+	66038114	66057079	547
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	RP11-81H1	chr12	+	68881467	68881643	177
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	RP11-436I9	chr12	+	9280379	9281241	863
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	RP11-783K	chr11	+	64013436	64015689	431
ENSG0000(	0.943682	3.662869	-1.6501	0.18078	0.2653	RP13-895J	chr12	+	1.33E+08	1.33E+08	1766
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-881N	chr11	-	60680638	60681524	405
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-598F	chr12	-	215690	221016	586
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-87C1	chr12	+	1.22E+08	1.22E+08	1361
ENSG0000(	5.197952	2.621302	0.87996	0.38306	0.48714	RP11-417L	chr12	+	1.32E+08	1.32E+08	283
ENSG0000(	17.71944	10.23519	0.7548	0.21905	0.31073	RP11-273B	chr12	-	7281675	7283794	749
ENSG0000(	0.342542	2.171348	-1.8493	0.25398	0.35102	SNRPEP2	chr9	-	6748703	6748981	279
ENSG0000(	0	14.01857	-5.423	8.55E-06	2.77E-05	RP11-320N	chr12	+	4130143	4135824	542
ENSG0000(	0.36308	0	0.4146	0.81455	NA	LINC00508	chr12	-	1.28E+08	1.28E+08	194
ENSG0000(	1.669842	0.700845	0.95926	0.53255	0.63365	AP000462.	chr11	+	1.15E+08	1.15E+08	330
ENSG0000(	17.82393	14.45483	0.29217	0.57706	0.67374	RP11-359J	chr12	-	22613453	22616848	738

ENSG0000(	0.342542	1.66715	-1.521	0.35886	0.46305	RP11-525E	chr12	-	9658943	9661036	2042
ENSG0000(	4.00423	4.706852	-0.21773	0.8032	0.86085	TAS2R18	chr12	-	11311384	11312293	910
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-551L	chr12	+	31165437	31168601	348
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	RP11-428G	chr12	+	32106823	32108202	1380
ENSG0000(	0	1.326428	-1.6486	0.3523	NA	RP11-234B	chr12	-	4915708	4917807	449
ENSG0000(	0	2.367995	-2.6905	0.093451	0.15263	RP11-114G	chr12	+	22852793	23327057	1920
ENSG0000(	0	6.267186	-4.2087	0.002056	0.004856	AP000438.	chr11	+	62677018	62685833	749
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	RP11-180M	chr12	+	12821916	12838009	241
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	GPR142	chr17	+	72363546	72368761	1608
ENSG0000(	0	3.9623	-3.5074	0.016856	0.033786	HP	chr16	+	72088491	72094954	3024
ENSG0000(	0	2.012704	-2.1825	0.20921	0.29918	RP11-268P	chr12	-	22762162	22777949	862
ENSG0000(	63.15506	30.07341	1.0558	0.000718	0.00182	RP11-705C	chr12	+	9811163	9814681	2508
ENSG0000(	1.068702	0.686276	0.41528	0.80556	NA	RP13-200J	chr12	+	27649870	27651522	1418
ENSG0000(	6.681161	0.640152	2.928	0.010884	0.022699	RP11-800A	chr11	-	73018280	73020406	1695
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC005477.	chr14	-	72456191	72458326	2136
ENSG0000(	8.414408	0	4.6614	0.00033	0.000877	RP11-993B	chr12	+	28111450	28122746	792
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-137M	chr11	+	18686597	18687095	499
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	RP11-486F	chr2	+	2E+08	2E+08	831
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	RP11-476M	chr12	+	3476999	3480512	515
ENSG0000(	1.359003	0.357707	1.3815	0.39154	NA	RP11-881M	chr11	+	60674261	60677214	810
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	Z98941.1	chr12	+	1.22E+08	1.22E+08	100
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-966I	chr14	-	29252697	29254993	1655
ENSG0000(	3.807246	1.234181	1.3431	0.28125	0.38231	RP11-864I4	chr11	+	62313471	62315171	391
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-266C	chr15	+	93855786	94112712	2012
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP4-809F1	chr12	+	1.27E+08	1.27E+08	775
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AP000797.	chr11	+	1.16E+08	1.16E+08	548
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-783K	chr11	+	64059194	64072241	2733
ENSG0000(	0.870904	0.98329	-0.09044	0.95689	NA	RP11-667M	chr11	+	1.14E+08	1.14E+08	335
ENSG0000(	1.451506	1.309443	0.1301	0.93534	0.95756	RPL29P33	chr19	-	34787181	34787645	465
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP3-461F1	chr12	-	7148460	7148945	486
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-123C	chr12	-	67429288	67490186	775
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	U47924.27	chr12	+	7072409	7073610	350
ENSG0000(	4.968451	19.674	-1.9236	0.004036	0.009112	RP11-783K	chr11	-	64014411	64016966	853
ENSG0000(	3.713929	6.079404	-0.6724	0.43482	0.54035	PNMA6D	chrX	-	1.52E+08	1.52E+08	1479
ENSG0000(	314.7379	919.2211	-1.5444	4.22E-36	6.61E-35	KIAA1147	chr7	-	1.41E+08	1.41E+08	7296
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	RP11-501I1	chr12	+	32160061	32160369	309
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-364C	chr12	-	1.19E+08	1.2E+08	607
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-450K	chr12	+	1.23E+08	1.23E+08	1745
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	LRRC37A13	chr11	+	1.14E+08	1.14E+08	287
ENSG0000(	2264.363	3383.36	-0.57908	3.00E-09	1.33E-08	LSM14A	chr19	+	34663409	34720420	3651
ENSG0000(	9.315223	8.597179	0.094822	0.90292	0.93282	NHLRC4	chr16	+	616996	619495	2097
ENSG0000(	2.261609	3.899191	-0.70962	0.49137	0.59535	RP11-129B	chr12	+	95494307	95494821	515
ENSG0000(	31.53816	43.62571	-0.46094	0.32282	0.42571	RRN3P3	chr16	-	22430090	22449036	3269
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-641A	chr12	-	53145762	53147605	433
ENSG0000(	5.934463	0	4.1456	0.00233	0.005453	CLLU1	chr12	+	92815307	92824778	3897
ENSG0000(	0.923144	0	1.223	0.49292	NA	RP11-2A1.1	chr12	+	42305058	42306014	465
ENSG0000(	7.377409	17.04861	-1.163	0.10115	0.16301	RP11-320M	chr2	+	10588820	10591453	1737
ENSG0000(	0	1.073121	-1.1788	0.50551	NA	TAS2R38	chr7	-	1.42E+08	1.42E+08	1143
ENSG0000(	0.870904	1.294874	-0.38993	0.80097	0.85906	RP11-320P	chr12	+	70574118	70595784	578
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-554D	chr12	-	1.08E+08	1.08E+08	452
ENSG0000(	0	13.22548	-5.3542	1.09E-05	3.47E-05	PGAM1P5	chr12	+	96043031	96067775	2148
ENSG0000(	166.2711	1786.322	-3.4143	2.01E-59	5.77E-58	RP11-701H	chr15	+	25277020	25281637	4618
ENSG0000(	18.64242	0.357707	4.9709	1.66E-05	5.20E-05	RP11-13A1	chr12	-	89441964	89703330	599
ENSG0000(	0	1.058552	-1.361	0.4451	NA	RP11-58A1	chr12	+	58360841	58362182	633
ENSG0000(	39.26488	99.34237	-1.3293	7.48E-06	2.44E-05	TMPO-AS1	chr12	-	98906751	98910200	3357
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	RP11-117M	chr12	-	96780596	96780972	377
ENSG0000(	3.620613	3.443532	0.083778	0.93268	0.95581	RP11-996F	chr12	-	29433351	29470781	2380
ENSG0000(	3.059734	0	2.8383	0.087381	0.14416	hsa-mir-10	chr17	-	46656992	46659621	2630
ENSG0000(	25.12416	0	6.2709	4.76E-08	1.91E-07	RP1-170O1	chr7	-	27203154	27219632	765
ENSG0000(	0	2.010288	-2.4674	0.13027	0.202	RP11-626P	chr14	+	27278623	27305664	574
ENSG0000(	0.580602	2.757256	-1.6975	0.23786	0.33231	RP11-390M	chr12	-	79354038	79439424	716
ENSG0000(	2.105701	0	2.2286	0.1988	0.28717	RP11-567C	chr12	+	90501516	90506556	926
ENSG0000(	0.342542	0.98329	-0.93492	0.58786	NA	RP11-603K	chr12	+	93277549	93278476	928
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-850P	chr12	+	94208912	94209885	434
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	RP11-512M	chr12	-	1.02E+08	1.02E+08	564

ENSG0000(	0.653381	0	0.82678	0.64037	NA	LIMS1	chr2	-	1.11E+08	1.11E+08	3202
ENSG0000(	245.9898	249.4502	-0.01786	0.92887	0.9529	GATC	chr12	+	1.21E+08	1.21E+08	2081
ENSG0000(	12.3981	0	5.2453	2.01E-05	6.24E-05	RP11-54A9	chr12	+	76653619	76698911	1083
ENSG0000(	1.048164	0	1.348	0.44949	NA	RP11-136F	chr12	-	78524117	78524784	668
ENSG0000(	2.177666	1.058552	0.85332	0.55917	0.65795	RP11-689B	chr12	+	1.09E+08	1.09E+08	600
ENSG0000(	0.290301	2.010288	-1.8931	0.2202	0.31208	RP11-554E	chr12	+	1.02E+08	1.02E+08	374
ENSG0000(	1.068702	0.686276	0.41528	0.80556	NA	RP11-328C	chr12	+	42853168	42859930	2791
ENSG0000(	0.36308	0.700845	-0.575	0.7429	NA	RP11-438N	chr12	-	1.14E+08	1.14E+08	266
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	RP11-630C	chr12	-	42223700	42326394	499
ENSG0000(	7.095668	2.370411	1.4744	0.12587	0.19647	RP11-24B2	chr12	-	92378756	92536690	2201
ENSG0000(	3.910914	5.938617	-0.55435	0.55166	0.65125	RP11-133N	chr12	+	49988931	49989471	541
ENSG0000(	3.829576	5.064559	-0.37379	0.72696	0.79815	RP11-416A	chr12	-	51518411	51519164	754
ENSG0000(	0.632843	2.307303	-1.4851	0.2859	0.38738	RP11-486A	chr12	-	93710911	93771512	814
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	RP3-405J1(	chr12	+	50613387	50623767	325
ENSG0000(	0	1.340997	-1.8899	0.26871	NA	RP11-946L	chr12	-	29296129	29301608	593
ENSG0000(	0.995923	0	1.4959	0.39264	NA	RP11-767I2	chr12	-	58959743	59175529	1975
ENSG0000(	15.81154	26.98833	-0.75548	0.10352	0.16617	RP11-96H1	chr12	+	46777462	46850051	829
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	MIR3179-1	chr16	+	14995356	14996031	676
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTD-2021H	chr12	-	71401553	71425863	541
ENSG0000(	395.7189	214.7654	0.88045	5.99E-06	1.98E-05	ZNF271	chr18	+	32870246	32890730	5124
ENSG0000(	17.06525	43.16206	-1.3053	0.006724	0.014597	RP11-521B	chr14	-	1.06E+08	1.06E+08	445
ENSG0000(	2.137404	0.997859	0.8695	0.53365	0.63456	KIRREL3-AS	chr11	+	1.26E+08	1.26E+08	586
ENSG0000(	0.653381	0.343138	0.51863	0.76794	NA	RP11-317N	chr14	+	36343063	36344509	601
ENSG0000(	0	1.309443	-1.6539	0.35008	NA	RP11-164H	chr14	+	96178084	96223993	2738
ENSG0000(	7.448396	5.926464	0.3003	0.68975	0.76866	RP11-231I2	chr12	-	1.17E+08	1.17E+08	4196
ENSG0000(	1.722083	0	2.21	0.18654	NA	RP11-1060	chr12	-	94288741	94337379	540
ENSG0000(	4.637074	4.556329	0.013046	0.98795	0.99319	RP11-298I2	chr14	+	23398818	23424771	591
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-316A	chr12	+	60486645	60489632	769
ENSG0000(	0	5.04999	-3.9028	0.00513	0.01141	RP11-701B	chr12	+	85065377	85065805	429
ENSG0000(	11.8492	5.840665	0.9804	0.20292	0.29179	RP3-405J1(	chr12	-	50579363	50585146	4713
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	FAHD2P1	chr12	+	71065698	71066636	939
ENSG0000(	20.80134	13.49577	0.59984	0.30858	0.41026	RP11-977G	chr12	+	56693926	56708592	437
ENSG0000(	0.72616	0.357707	0.52227	0.76959	NA	RP11-317N	chr14	+	36350207	36350915	709
ENSG0000(	369.4871	25.69587	3.8384	3.94E-60	1.15E-58	ZBED6	chr1	+	2.04E+08	2.04E+08	4250
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-478B	chr12	+	45444684	45496890	499
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-511B	chr12	-	93397191	93609455	721
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-650K	chr12	+	1.04E+08	1.04E+08	674
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-478B	chr12	-	45457256	45459134	1879
ENSG0000(	0	4.242329	-3.6422	0.011122	0.023147	MGAM	chr7	+	1.42E+08	1.42E+08	9172
ENSG0000(	66.48618	34.5148	0.93414	0.001595	0.00383	RP11-983P	chr12	-	53408380	53448222	2863
ENSG0000(	0	1.029414	-1.1526	0.51496	NA	CRIP1	chr14	+	1.06E+08	1.06E+08	980
ENSG0000(	0	2.278164	-2.6634	0.096176	0.1563	RP11-511B	chr12	+	93392994	93413596	898
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-386G	chr12	+	49483991	49487095	717
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-616L	chr12	-	55516452	55517904	1453
ENSG0000(	17.99939	7.8388	1.1769	0.049904	0.088811	RP11-631N	chr12	+	62996532	63007855	555
ENSG0000(	0.290301	0.951736	-0.90191	0.60254	NA	RP11-780K	chr12	+	1.14E+08	1.14E+08	570
ENSG0000(	20.11447	13.04099	0.59806	0.25754	0.35516	FNTB	chr14	+	65453438	65529368	2834
ENSG0000(	0.290301	0.700845	-0.56655	0.74739	NA	RP11-438E	chr12	+	45838549	45839221	673
ENSG0000(	1.971308	3.24447	-0.65059	0.54882	0.64874	RP11-328C	chr12	-	42825467	42827159	775
ENSG0000(	1.265686	0.654722	0.70633	0.65335	0.73847	RP11-644F	chr12	-	56126150	56126432	283
ENSG0000(	2.282147	0	2.6902	0.089639	0.14723	RP11-153F	chr12	+	53231187	53231523	337
ENSG0000(	0.705622	1.012429	-0.38881	0.80945	NA	RP11-762I7	chr12	-	56151059	56221330	1807
ENSG0000(	0	3.183777	-3.1728	0.037267	0.068902	MIR3180-4	chr16	+	15248760	15250877	2118
ENSG0000(	0	1.309443	-1.6539	0.35008	NA	RP11-554D	chr12	-	1.08E+08	1.08E+08	731
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTD-2547E	chr16	+	21358460	21363459	255
ENSG0000(	13.42491	11.82137	0.17821	0.75317	0.81993	RP11-2H8..	chr12	-	72187635	72193407	1431
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-288D	chr12	-	80849275	80852604	522
ENSG0000(	0	1.652581	-2.1974	0.1871	NA	RP11-554D	chr12	+	1.08E+08	1.08E+08	178
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP11-263K	chr12	+	82906456	82909596	3141
ENSG0000(	5.33153	4.73599	0.16272	0.85998	0.90188	RP1-197B1	chr12	+	48099868	48136077	3299
ENSG0000(	5.549053	4.098254	0.42327	0.64132	0.72831	RP11-114F	chr12	+	1.06E+08	1.06E+08	753
ENSG0000(	0.632843	0.951736	-0.41411	0.79829	NA	RP11-150C	chr12	+	59314420	59458019	555
ENSG0000(	3.568372	77.18644	-4.3246	1.68E-17	1.26E-16	ZNF878	chr19	-	12154620	12167127	1737
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-603J.	chr12	-	56423433	56435590	300
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	CTD-2021H	chr12	-	71427902	71498306	544

ENSG0000(	0.342542	1.669566	-1.4973	0.37069	0.4752	RP11-310I2	chr12	+	29672664	29682907	349
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-473C	chr12	+	99325460	99370434	512
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	RP11-161H	chr12	-	49836207	49836435	229
ENSG0000(	0.36308	0.640152	-0.51156	0.77091	NA	RP11-331C	chr12	-	1.18E+08	1.18E+08	324
ENSG0000(	1.431782	0.357707	1.3137	0.43706	NA	RP11-121G	chr12	+	81664454	81706201	1080
ENSG0000(	1.741807	297.7681	-6.8076	2.40E-14	1.51E-13	RP11-359N	chr12	+	79933983	79944315	816
ENSG0000(	5.995263	13.67785	-1.1165	0.12298	0.19278	RP11-983P	chr12	+	53405888	53407705	536
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-139B	chr12	-	1.15E+08	1.15E+08	474
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-753H	chr12	+	54822087	54823187	454
ENSG0000(	0.923144	22.7744	-4.2278	1.98E-06	6.89E-06	RP11-175P	chr12	-	1.01E+08	1.01E+08	928
ENSG0000(	1.338465	3.198346	-1.114	0.35049	0.45489	RP11-474P	chr12	-	46778016	46780774	562
ENSG0000(	13.96607	13.13485	0.081793	0.90459	0.93411	RP11-585P	chr12	-	75877904	75883600	812
ENSG0000(	7.426231	0.997859	2.5871	0.020047	0.039548	RP11-571N	chr12	-	58117544	58119448	1795
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-231C	chr16	+	29490200	29493912	259
ENSG0000(	0.290301	0.654722	-0.51764	0.76892	NA	RP11-956E	chr12	+	69843250	69854504	423
ENSG0000(	21.77592	15.95044	0.42444	0.419	0.52433	RP11-762I	chr12	-	56155334	56156412	529
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-609L	chr12	-	43009305	43040300	1212
ENSG0000(	9.015549	10.08299	-0.15528	0.80997	0.86609	RP11-278C	chr12	-	32879317	32880321	1005
ENSG0000(	0.580602	1.40169	-0.82024	0.6196	0.71057	RP11-486A	chr12	+	93708585	93709717	1133
ENSG0000(	0.653381	0.297015	0.51304	0.77085	NA	RP11-677C	chr18	-	11619508	11639698	1129
ENSG0000(	1.939605	0	2.4257	0.13778	0.21116	RP11-498N	chr12	-	72102951	72104154	577
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-203J	chr9	-	1.31E+08	1.31E+08	1071
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-20E2	chr12	+	76956074	77009211	250
ENSG0000(	1.794048	2.947455	-0.58102	0.63463	0.72319	RP3-405J1(	chr12	-	50611445	50612126	354
ENSG0000(	1.939605	1.531196	0.25973	0.84502	0.89135	RP11-834C	chr12	-	54555849	54558236	754
ENSG0000(	0	1.606458	-1.9287	0.27074	NA	HSPA8P14	chr12	+	1.12E+08	1.12E+08	1805
ENSG0000(	0.923144	0.343138	0.88162	0.61011	NA	OR7E47P	chr12	+	52473480	52502045	1422
ENSG0000(	2.572449	6.116663	-1.1577	0.20305	0.29188	RP11-321F	chr12	-	1.02E+08	1.02E+08	379
ENSG0000(	0.685084	0.357707	0.4822	0.78686	NA	RP11-144F	chr12	-	1.07E+08	1.07E+08	570
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-797N	chr12	+	1.07E+08	1.08E+08	502
ENSG0000(	1.503747	0.343138	1.4063	0.40279	NA	RP11-793H	chr12	+	53907768	53911392	2297
ENSG0000(	16.9624	4.600036	1.8122	0.004557	0.010211	RP11-44N2	chr14	+	1.06E+08	1.06E+08	965
ENSG0000(	4.419551	5.096113	-0.19598	0.8225	0.87489	RP11-84G2	chr12	+	80328681	80334448	1190
ENSG0000(	0.580602	1.012429	-0.48451	0.77505	NA	RP11-863H	chr12	-	62876129	62878712	848
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	GSTP1P1	chr12	+	56294084	56294402	319
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-133N	chr12	+	50103020	50103119	100
ENSG0000(	3.733653	1.248751	1.3438	0.27626	0.37651	RP11-496I2	chr14	-	19719545	19720589	1045
ENSG0000(	0.72616	1.638012	-0.93449	0.53888	0.63949	RP11-153N	chr12	+	56904786	56906487	1702
ENSG0000(	1.338465	0.297015	1.3634	0.39966	NA	RP11-128P	chr12	-	1.08E+08	1.08E+08	507
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-129J	chr10	-	1.01E+08	1.01E+08	766
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	LINC00609	chr14	+	36539633	36634494	583
ENSG0000(	2.012384	7.968307	-1.8615	0.038435	0.070852	ZNF625	chr19	-	12251032	12267546	1678
ENSG0000(	31.5878	4.290868	2.7898	5.27E-06	1.75E-05	GALNT4	chr12	-	89913185	89918583	5399
ENSG0000(	0.342542	1.248751	-1.1955	0.48202	NA	RP3-473L9	chr12	+	1.12E+08	1.12E+08	314
ENSG0000(	4.337399	13.75882	-1.6	0.030543	0.057622	RP11-968A	chr12	+	54656399	54672847	735
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-677C	chr12	+	29542227	29640421	963
ENSG0000(	0.632843	0.343138	0.49756	0.77728	NA	RP11-359N	chr12	-	79893899	79894467	243
ENSG0000(	5.579942	3.259039	0.72402	0.46098	0.56623	RP11-680A	chr12	-	53692449	53694098	637
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-185N	chr12	+	1.07E+08	1.07E+08	2434
ENSG0000(	2.188831	1.964165	0.14067	0.91755	0.94433	RP11-320P	chr12	-	70612912	70615642	629
ENSG0000(	371.3409	243.7196	0.60515	0.001971	0.00467	RP11-349A	chr14	-	58732083	58764852	2475
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP1-128M	chr12	-	1.12E+08	1.12E+08	247
ENSG0000(	8.112942	0	4.6086	0.000404	0.001062	RP11-13A1	chr12	+	89421534	89422299	219
ENSG0000(	0	7.850953	-4.5139	0.000754	0.001905	RP11-1103	chr14	-	30907198	31042835	609
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	CTB-31N19	chr16	-	21544266	21561694	576
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-474B	chr12	-	1.06E+08	1.06E+08	549
ENSG0000(	32.79268	221.7327	-2.7473	1.03E-28	1.24E-27	RP11-701H	chr15	-	25272883	25277194	427
ENSG0000(	0	1.606458	-1.9287	0.27074	NA	RP11-497G	chr12	+	1.17E+08	1.17E+08	366
ENSG0000(	0.705622	1.012429	-0.38881	0.80945	NA	RP11-579D	chr12	+	49182930	49184318	473
ENSG0000(	5.685237	0	4.0877	0.002724	0.006323	EIF4A1P12	chr14	+	29062985	29063125	141
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RSL24D1P5	chr12	-	63449055	63449545	491
ENSG0000(	1.317927	0	1.6383	0.35541	NA	CBX3P5	chr12	-	95680094	95680614	521
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	RP3-416H2	chr12	-	52638832	52641232	1693
ENSG0000(	3.445958	0.343138	2.3358	0.14436	0.2196	RP11-76E1	chr12	+	42680713	42682362	1650
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-367C	chr12	+	41122613	41123699	1087

ENSG0000(	1.048164	5.9176	-2.2039	0.068174	0.11644	RP11-341G	chr12	-	1.04E+08	1.04E+08	738
ENSG0000(	1.068702	1.340997	-0.28726	0.84245	0.8896	RP11-175P	chr12	+	1.01E+08	1.01E+08	418
ENSG0000(	89.34196	10.82593	3.0035	3.59E-16	2.51E-15	RP11-620J	chr12	-	58325311	58329958	759
ENSG0000(	28.00068	2.292733	3.4609	3.73E-07	1.39E-06	LBX2-AS1	chr2	+	74729722	74731805	2083
ENSG0000(	681.3614	187.7866	1.8511	1.84E-22	1.73E-21	PRR24	chr19	+	47778142	47778979	838
ENSG0000(	0.705622	0.357707	0.57557	0.74268	NA	RP11-482D	chr12	-	1.07E+08	1.07E+08	863
ENSG0000(	0.653381	0.297015	0.51304	0.77085	NA	RP11-256L	chr12	+	96419101	96421749	656
ENSG0000(	9.481318	4.502084	1.0181	0.24169	0.33678	RP11-396F	chr12	+	39300253	39303394	526
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	CHCHD3P2	chr12	+	73004458	73005096	639
ENSG0000(	65.48945	79.95657	-0.28574	0.3933	0.49768	CNPY2	chr12	-	56703626	56710120	1209
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP11-818F	chr12	-	1.05E+08	1.05E+08	701
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-370I	chr12	+	48744728	48836194	562
ENSG0000(	1.669842	3.3343	-0.82985	0.53659	0.63757	RP11-139E	chr12	+	45594600	45595334	735
ENSG0000(	25.85888	21.45354	0.27552	0.55673	0.65578	RP11-977G	chr12	+	56702652	56703233	437
ENSG0000(	78.39716	95.88339	-0.28643	0.34684	0.45106	RP11-350F	chr12	-	44112796	44117803	5008
ENSG0000(	4.761279	0.98329	1.9835	0.094748	0.15436	RP11-474L	chr12	-	88451653	88452355	703
ENSG0000(	0.36308	1.012429	-0.95988	0.57711	NA	RP11-650K	chr12	+	1.04E+08	1.04E+08	413
ENSG0000(	0	1.623443	-1.9406	0.26756	NA	RP11-486C	chr14	-	70892529	71014181	565
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-478C	chr12	-	1.11E+08	1.11E+08	638
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-186F	chr12	-	71976073	71977632	527
ENSG0000(	0.685084	0.98329	-0.35409	0.8342	NA	RP11-370I	chr12	-	48749575	48750397	823
ENSG0000(	0.685084	0.343138	0.48017	0.78775	NA	CTB-193M1	chr16	+	15702331	15704420	530
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-70F1	chr12	+	50305736	50324103	3157
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	ST13P3	chr12	+	1.06E+08	1.06E+08	1110
ENSG0000(	6.556141	12.19607	-0.86634	0.16383	0.24451	FNBP1P1	chr2	+	74347807	74350345	1994
ENSG0000(	1.359003	1.669566	-0.24979	0.85839	0.90057	MRS2P2	chr12	-	72243008	72244208	1201
ENSG0000(	6.765104	3.06884	1.0684	0.24124	0.33623	RP11-575G	chr12	+	1.01E+08	1.01E+08	1454
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP1-90J4.3	chr12	+	47878472	47879505	1034
ENSG0000(	0.290301	3.008147	-2.4546	0.090452	0.1484	RP11-603J	chr12	-	56544580	56552004	540
ENSG0000(	17.739	26.9843	-0.60433	0.19345	0.28095	RP11-611E	chr12	-	70297813	70637140	883
ENSG0000(	0.342542	0.594029	-0.38792	0.8278	NA	RP4-601P9	chr12	+	1.15E+08	1.15E+08	1330
ENSG0000(	1.45232	2.745103	-0.6231	0.71035	0.78481	RP11-1143	chr12	+	69678177	69679265	1089
ENSG0000(	2.43887	2.185918	0.10005	0.93851	0.95945	RP11-596D	chr14	+	31717834	31771945	975
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP1-97G4.1	chr12	+	77773600	77784644	597
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-368J	chr16	+	22557019	22588186	2661
ENSG0000(	0	2.307303	-2.6761	0.094365	0.15383	NOVA1-AS1	chr14	+	27067618	27275673	818
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	RP11-626P	chr14	-	27244701	27291313	497
ENSG0000(	0.653381	0	0.82678	0.64037	NA	RP11-547C	chr12	+	43359925	43361156	256
ENSG0000(	0.632843	5.240188	-2.6039	0.029749	0.05635	RP11-199A	chr12	-	52106253	52107390	1138
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-629C	chr12	+	85961656	85962017	362
ENSG0000(	1.359003	0	1.8987	0.26617	NA	RP11-266E	chr12	+	1.06E+08	1.06E+08	2503
ENSG0000(	0	2.261179	-2.4065	0.15834	0.23767	CTD-2591A	chr14	+	28787347	28887818	508
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-263K	chr12	+	82862235	82862727	493
ENSG0000(	11.78417	2.725702	2.0051	0.020541	0.040405	RP3-462E2	chr12	+	1.12E+08	1.12E+08	569
ENSG0000(	0.290301	3.480792	-2.6477	0.06613	0.11349	RP11-497G	chr12	+	1.17E+08	1.17E+08	876
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-597A	chr14	+	20145996	20148263	2268
ENSG0000(	1.338465	0	1.8837	0.27037	NA	RP11-114F	chr12	-	1.06E+08	1.06E+08	632
ENSG0000(	1.939605	2.041842	-0.04401	0.97052	0.98365	RP1-78O14	chr12	-	79734985	79897176	1155
ENSG0000(	3.953782	3.088241	0.28098	0.85021	0.89475	RP11-210M	chr12	+	44130431	44134870	582
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-812D	chr12	+	86409475	86410219	745
ENSG0000(	0.632843	0.654722	-0.02224	0.98935	NA	RP3-432I18	chr12	+	47986991	47987223	233
ENSG0000(	5.580756	2.901332	0.86277	0.34934	0.45356	RP11-461F	chr12	+	77271973	77274132	571
ENSG0000(	9.854749	2.96444	1.6341	0.045147	0.081323	RP11-386G	chr12	+	49392150	49412988	2114
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-482D	chr12	-	1.07E+08	1.07E+08	809
ENSG0000(	2749.683	1943.831	0.49948	0.001027	0.002541	CUX1	chr7	+	1.01E+08	1.02E+08	13762
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-493L	chr12	-	47631517	47672804	663
ENSG0000(	0.705622	0	0.8807	0.6196	NA	MRPS36P5	chr12	-	43447892	43448189	298
ENSG0000(	0	13.7701	-5.3334	2.30E-05	7.08E-05	RP11-82C2	chr12	+	1.14E+08	1.14E+08	379
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-248E	chr12	+	88210263	88211608	554
ENSG0000(	1.649304	4.334576	-1.2608	0.22585	0.31859	TEN1	chr17	+	73975301	73996667	994
ENSG0000(	10.18873	18.69629	-0.8633	0.13939	0.21312	RP11-48B1	chr17	-	3566357	3599488	5905
ENSG0000(	0.685084	13.76614	-3.8114	0.000891	0.002229	RP11-554D	chr12	+	1.08E+08	1.08E+08	949
ENSG0000(	6.411397	4.914036	0.34807	0.66104	0.74485	RP11-620J	chr12	+	58230875	58236528	610
ENSG0000(	2.345553	2.324288	0.007925	0.99514	0.99722	RP11-161H	chr12	+	49783299	49783945	647
ENSG0000(	0.580602	0.594029	-0.01451	0.9935	NA	RP11-359M	chr12	+	79952562	79952946	385

ENSG0000(	1.306762	1.280305	0.013753	0.99259	0.99598	QRSL1P3	chr14	+	36235001	36236316	1316
ENSG0000(	9.430056	7.238323	0.36938	0.59065	0.68559	RP11-133N	chr12	-	49970623	49971288	570
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-579D	chr12	+	49121218	49159569	635
ENSG0000(	0	1.591889	-2.1342	0.20414	NA	RP11-61E1	chr12	-	1.05E+08	1.06E+08	641
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-756H	chr12	+	57824899	57827718	548
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-350G	chr12	-	1.01E+08	1.01E+08	557
ENSG0000(	0.705622	0.686276	0.017556	0.99188	NA	RP11-210M	chr15	-	80726136	80737493	1891
ENSG0000(	2.229907	0	2.6238	0.10304	0.16551	HMGA1P3	chr12	-	1.11E+08	1.11E+08	324
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	RP11-603K	chr12	+	93251855	93253049	1195
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	HIGD1AP1	chr12	+	53535837	53536111	275
ENSG0000(	3.205292	1.652581	0.86249	0.43685	0.54231	RP11-386G	chr12	+	49521565	49541652	897
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-148B	chr12	+	1.17E+08	1.17E+08	596
ENSG0000(	1.317927	0	1.6383	0.35541	NA	RP11-1100	chr12	+	52294349	52295120	772
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-543H	chr12	-	81488154	81519624	882
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-148E	chr14	+	29406095	29497969	741
ENSG0000(	0.36308	0.594029	-0.39069	0.82661	NA	RP11-350G	chr12	+	1.01E+08	1.01E+08	1256
ENSG0000(	0.36308	0.715414	-0.51558	0.77246	NA	RP11-493P	chr12	+	1.16E+08	1.16E+08	501
ENSG0000(	0.943682	0.700845	0.33849	0.83415	NA	RP11-74K1	chr12	-	94561782	94579820	446
ENSG0000(	1.213446	2.779947	-0.97393	0.46759	0.57244	AC005086.	chr7	+	1.02E+08	1.02E+08	243
ENSG0000(	2.334388	2.993578	-0.32879	0.75296	0.81973	RP11-530C	chr12	+	80217558	80219276	667
ENSG0000(	0	1.355566	-1.9006	0.26573	NA	RP11-530C	chr12	+	80083924	80172231	354
ENSG0000(	0.342542	31.81582	-5.7629	9.61E-08	3.76E-07	CTD-2021H	chr12	-	71441182	71512027	565
ENSG0000(	61.47405	43.96006	0.481	0.087304	0.14406	RP11-644F	chr12	+	56122888	56124467	1274
ENSG0000(	6.378881	5.583326	0.19323	0.80287	0.86061	BCDIN3D-A	chr12	+	50222325	50234926	3078
ENSG0000(	1.669842	0	1.9671	0.26049	NA	RP11-328C	chr12	-	42879155	42883821	447
ENSG0000(	0	6.792401	-4.306	0.001562	0.003757	RP11-554D	chr12	-	1.08E+08	1.08E+08	679
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-1079	chr12	-	85333303	85333447	145
ENSG0000(	0.632843	0	0.81931	0.64303	NA	RP11-114H	chr12	-	75956982	76377795	748
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-443B	chr1	-	2.35E+08	2.35E+08	846
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	OR9A4	chr7	+	1.42E+08	1.42E+08	1093
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-754N	chr12	+	78746299	78876799	693
ENSG0000(	1.887365	0	2.1461	0.21553	NA	RP11-753H	chr12	+	54747576	54860769	546
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-114H	chr12	-	76087790	76092596	742
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-734E	chr12	+	77150971	77151694	724
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-290L	chr12	+	76319993	76320247	255
ENSG0000(	0.580602	0.937167	-0.42674	0.8018	NA	AC005086.	chr7	-	1.02E+08	1.02E+08	228
ENSG0000(	4.19005	1.40169	1.4018	0.24637	0.34228	RP11-474P	chr12	+	46765246	46767561	627
ENSG0000(	1.866827	4.36613	-1.0664	0.31983	0.42271	RP11-686G	chr12	+	1.12E+08	1.12E+08	485
ENSG0000(	7.46812	8.564752	-0.1854	0.80133	0.85937	RP11-977B	chr12	-	49627352	49658539	674
ENSG0000(	1.027626	7.559644	-2.3432	0.090498	0.14846	RP11-809C	chr12	+	1.17E+08	1.17E+08	732
ENSG0000(	0.290301	0.654722	-0.51764	0.76892	NA	HIGD1AP9	chr12	+	50013117	50013395	279
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-43D4	chr12	+	1.05E+08	1.05E+08	411
ENSG0000(	0.580602	1.188058	-0.5972	0.73358	NA	RP11-61A1	chr16	-	66875336	66887351	434
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-314D	chr12	+	73552970	73602097	1256
ENSG0000(	0.653381	0	0.82678	0.64037	NA	MKRN9P	chr12	-	88175940	88178345	1451
ENSG0000(	11.3585	1.964165	2.3611	0.0073	0.01573	RP11-347C	chr16	-	30215637	30220392	1693
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-541G	chr12	+	97379434	97579387	573
ENSG0000(	2.447429	3.945314	-0.58959	0.57523	0.6721	RP11-956A	chr12	-	32380344	32381088	745
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-70F1	chr12	-	50302665	50305646	2324
ENSG0000(	10.40625	6.20891	0.70268	0.30384	0.40519	RP11-864J	chr12	+	1.08E+08	1.08E+08	1680
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	RP11-753H	chr12	+	54747445	54891472	564
ENSG0000(	0.870904	0.343138	0.71634	0.68735	NA	RP11-18O1	chr12	-	1.03E+08	1.03E+08	507
ENSG0000(	0.653381	0.640152	0.01046	0.99499	NA	RP11-511H	chr12	-	1.02E+08	1.02E+08	308
ENSG0000(	0.342542	1.058552	-0.99235	0.56407	NA	RP11-588H	chr12	+	70861860	70932859	1942
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	LINC00485	chr12	-	1.03E+08	1.03E+08	3722
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-263K	chr12	-	82874897	82891339	459
ENSG0000(	1.306762	0	1.6479	0.35189	NA	RP11-511B	chr12	+	93568142	93575608	1269
ENSG0000(	2.023549	1.949596	0.029903	0.98046	0.98924	RP11-1105	chr12	-	94665926	94670971	493
ENSG0000(	7.479285	0	4.5144	0.000541	0.001397	RP11-412H	chr14	-	29061429	29082829	665
ENSG0000(	2.261609	0	2.6509	0.097945	0.15859	RP11-394J	chr12	-	96616575	96617751	525
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-18J9.	chr12	+	86352465	86354725	1258
ENSG0000(	0	2.058828	-1.8947	0.28782	0.38931	RP11-493L	chr12	+	47641907	47651322	329
ENSG0000(	4.119877	0.357707	2.7723	0.055371	0.097202	RP11-753N	chr12	+	90674671	90694117	574
ENSG0000(	3.672853	9.101377	-1.2452	0.15465	0.233	RP11-977G	chr12	-	56556143	56584068	403
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP1-228P1	chr12	-	48399060	48405010	550

ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP13-619I.	chr12	-	86175670	86176222	553
ENSG0000(	1.753786	2.667426	-0.53589	0.67381	0.75572	RP11-478C	chr12	-	1.11E+08	1.11E+08	946
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-624G	chr12	-	44402423	44403946	1524
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-136F	chr12	-	78445961	78485517	475
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CLEC5A	chr7	-	1.42E+08	1.42E+08	3511
ENSG0000(	2.790785	1.713273	0.60654	0.61683	0.70803	RP11-511H	chr12	-	1.02E+08	1.02E+08	568
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-362K	chr12	+	58937907	59206842	1447
ENSG0000(	0	1.995719	-2.4883	0.12386	0.19391	RP1-46F2.3	chr12	-	1.11E+08	1.11E+08	590
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-114H	chr12	-	76082574	76082876	303
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-497G	chr12	+	1.17E+08	1.17E+08	486
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-219B	chr8	-	86134675	86157946	790
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	RP11-977G	chr12	-	56661577	56663888	542
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-356C	chr12	-	93923336	93923765	430
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-510I1	chr12	-	96816104	96879220	379
ENSG0000(	0.653381	0.357707	0.52032	0.76705	NA	RP11-370I.	chr12	-	48727538	48727684	147
ENSG0000(	0.943682	2.635871	-1.2257	0.34201	0.44595	RP11-887P	chr12	-	94101567	94131599	1587
ENSG0000(	0.943682	2.460242	-1.0626	0.46214	0.56722	POLR2KP1	chr12	+	49987874	49988041	168
ENSG0000(	1.95077	5.347004	-1.3033	0.21458	0.30552	RP11-103B	chr12	+	1.18E+08	1.18E+08	1053
ENSG0000(	427.6742	197.4176	1.1137	4.59E-14	2.83E-13	CHURC1	chr14	+	65381079	65411309	3381
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-314D	chr12	-	73509737	73537638	981
ENSG0000(	81.21786	98.81332	-0.28555	0.22217	0.31439	RP11-658F	chr11	+	66433507	66435845	2339
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-317N	chr14	+	36289043	36289426	384
ENSG0000(	22.65619	60.09419	-1.3936	3.69E-05	0.000111	RP11-488C	chr14	-	77248083	77253067	1677
ENSG0000(	6.950924	2.185918	1.5048	0.10997	0.17497	RP11-981P	chr12	+	89954906	89987798	854
ENSG0000(	0.72616	1.623443	-0.85011	0.60052	0.69444	RP11-887P	chr12	+	94229943	94231814	779
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	RP11-554E	chr12	-	1.02E+08	1.02E+08	1034
ENSG0000(	6.245302	1.888903	1.554	0.10838	0.17282	RP11-644F	chr12	+	56109820	56118487	3382
ENSG0000(	5.943836	4.899467	0.25519	0.75806	0.82414	C17orf49	chr17	+	6917814	6920844	2343
ENSG0000(	0	1.340997	-1.8899	0.26871	NA	RP11-769N	chr12	-	62628171	62629296	1126
ENSG0000(	6.910662	4.914036	0.44175	0.61001	0.70268	RP11-603J.	chr12	-	56513817	56523403	882
ENSG0000(	1.016461	2.010288	-0.81613	0.5513	0.65092	RP1-267L1	chr12	+	1.13E+08	1.13E+08	596
ENSG0000(	1.317927	1.638012	-0.25975	0.84991	0.89459	RP4-816N1	chr12	-	2906043	2922068	439
ENSG0000(	1.338465	0.343138	1.368	0.39684	NA	RP11-118A	chr12	+	43549118	43556913	836
ENSG0000(	2.023549	4.273883	-0.98842	0.34846	0.45264	RP11-161H	chr12	-	49686414	49718359	4166
ENSG0000(	0.653381	0.594029	0.059135	0.97278	NA	RP11-115H	chr12	-	1.17E+08	1.17E+08	493
ENSG0000(	0	1.294874	-1.8547	0.27869	NA	RP11-536G	chr12	-	96189123	96252617	467
ENSG0000(	4.253456	9.764963	-1.1481	0.11682	0.18459	RP11-968A	chr12	+	54670415	54738867	567
ENSG0000(	0.653381	0	0.82678	0.64037	NA	RP11-603J.	chr12	-	56512752	56513723	470
ENSG0000(	1.628766	0.343138	1.6246	0.30143	0.40279	RP11-148B	chr12	+	1.17E+08	1.17E+08	600
ENSG0000(	0.72616	1.234181	-0.55797	0.73769	0.80658	RP11-23J1.	chr12	-	47529281	47532153	404
ENSG0000(	0.580602	0.594029	-0.01451	0.9935	NA	MIR3180-1	chr16	-	15003744	15005202	1459
ENSG0000(	4.886299	2.779947	0.713	0.48451	0.58859	RP11-651L	chr12	-	1.07E+08	1.07E+08	312
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-778J	chr12	-	94914866	94915645	780
ENSG0000(	1.265686	4.244745	-1.4949	0.21513	0.30611	PCNPP1	chr12	-	1.12E+08	1.12E+08	511
ENSG0000(	7.262577	1.684135	1.9129	0.061929	0.10722	RP11-1105	chr12	-	94671534	94676620	796
ENSG0000(	7.967385	6.71714	0.24052	0.73198	0.80198	RTEL1	chr20	+	62289163	62328416	5030
ENSG0000(	0	9.061702	-4.7217	0.000362	0.000958	RP4-647C1	chr14	-	73710726	73712687	1683
ENSG0000(	0.705622	1.730259	-0.97461	0.53116	0.6325	RP11-517C	chr14	+	58865275	58893843	436
ENSG0000(	0	2.010288	-2.4674	0.13027	0.202	RP11-33N1	chr14	+	89866339	89875813	341
ENSG0000(	1.555988	2.087966	-0.31143	0.82536	0.87691	CTD-2313J	chr15	-	93331144	93331702	449
ENSG0000(	1.411244	6.330295	-1.9996	0.056578	0.09915	AC068831.	chr15	-	91495469	91498455	1858
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	RP11-629F	chr14	+	41765489	41767937	2449
ENSG0000(	7.282301	6.480818	0.17187	0.81986	0.87341	EGFL8	chr6	+	32121622	32139755	4181
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-58E2	chr14	-	50505863	50555913	534
ENSG0000(	1.048164	0.297015	0.97802	0.57083	NA	RP11-516J.	chr14	-	76747286	76776409	520
ENSG0000(	0	38.8058	-6.8263	3.04E-09	1.34E-08	ZNF578	chr19	+	52956829	53015407	5255
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-173D	chr15	-	20333998	20353206	572
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-404P	chr14	+	96677197	96681155	460
ENSG0000(	0	1.606458	-1.9287	0.27074	NA	RP11-665C	chr14	-	55729485	55738793	554
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-356C	chr14	+	38033252	38048330	738
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-32B5	chr15	-	21987458	21987995	538
ENSG0000(	0	63.26333	-7.5281	1.05E-11	5.59E-11	OC90	chr8	-	1.33E+08	1.33E+08	2413
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	RP11-486C	chr14	+	70653840	70696904	576
ENSG0000(	22.62889	5.758956	1.8869	0.002961	0.006831	RP11-471B	chr14	-	90868867	90871579	300
ENSG0000(	1.814586	0	2.063	0.23747	NA	CTD-2207P	chr14	+	75018884	75026751	518

ENSG0000(	3.963155	5.45382	-0.42039	0.62851	0.71824	CTD-2568P	chr14	+	60864475	60864999	525
ENSG0000(	1.431782	1.888903	-0.37393	0.7855	0.84636	RP11-1085	chr14	-	57099962	57115376	421
ENSG0000(	130.9328	292.2706	-1.1469	0.000675	0.001719	PDF	chr16	-	69362524	69364498	1158
ENSG0000(	1.939605	10.8785	-2.3011	0.009249	0.01956	RP11-255N	chr15	-	95577613	95578966	715
ENSG0000(	1.161205	0.654722	0.56875	0.73595	NA	RP11-661G	chr14	+	91141462	91142638	539
ENSG0000(	2.13659	2.399549	-0.10428	0.93335	0.95629	RP11-173A	chr14	+	75124752	75125293	542
ENSG0000(	939.2057	280.5374	1.7352	2.14E-12	1.19E-11	LINC00641	chr14	-	21668238	21675059	5425
ENSG0000(	0.36308	1.727843	-1.5299	0.35924	0.46337	RP11-474N	chr12	+	57390043	57392225	459
ENSG0000(	1.027626	1.782087	-0.52334	0.76	0.82566	RP3-414A1	chr14	-	73983937	73987352	937
ENSG0000(	2.604151	0.297015	2.2382	0.13478	0.20777	RP11-307P	chr14	+	61246696	61247313	618
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-895N	chr14	+	91885793	91886095	303
ENSG0000(	1.741807	2.027273	-0.13664	0.92564	0.95022	RP11-109N	chr14	-	73534816	73535326	511
ENSG0000(	2.67693	12.46797	-2.1094	0.007678	0.016479	RP11-649E	chr14	-	50096009	50096608	401
ENSG0000(	0.580602	0.594029	-0.01451	0.9935	NA	RP11-903H	chr14	-	21161639	21175279	915
ENSG0000(	0.995923	3.945314	-1.7539	0.12832	0.1995	RP11-361H	chr14	+	76702160	76729817	520
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	RP11-665C	chr14	-	55792552	55806219	363
ENSG0000(	11.02793	7.024692	0.60285	0.39778	0.5023	RP11-298I	chr14	+	23451907	23468287	1021
ENSG0000(	2.023549	5.963724	-1.4304	0.17736	0.26101	CTD-2555K	chr14	-	23171820	23235771	662
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	RP11-164J	chr15	+	42640301	42704515	3881
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-831F	chr14	+	50148020	50148604	173
ENSG0000(	0	1.326428	-1.6486	0.3523	NA	DCAF8	chr1	-	1.6E+08	1.6E+08	2635
ENSG0000(	3.423628	3.489656	-0.02067	0.98549	0.99153	RP11-1012	chr14	-	68126537	68157084	670
ENSG0000(	0.995923	2.757256	-1.2411	0.326	0.42893	CHMP4BP1	chr14	+	55765362	55765949	588
ENSG0000(	0.290301	1.40169	-1.3255	0.43225	NA	RP11-84C1	chr14	-	21463996	21467322	1398
ENSG0000(	86.35517	207.5041	-1.2624	7.48E-09	3.21E-08	RP11-192H	chr17	-	26782770	26941215	3604
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-187E	chr14	+	32414059	32419588	550
ENSG0000(	2.012384	1.638012	0.24346	0.84146	0.88871	PPIAP6	chr14	-	68888415	68888913	499
ENSG0000(	0.632843	2.976593	-1.7348	0.2308	0.32423	LINC00640	chr14	+	51800111	51832275	708
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-472N	chr14	-	92719837	92730000	580
ENSG0000(	2.459408	0.343138	1.9801	0.21741	0.30879	SPESP1	chr15	+	69110560	69239150	1431
ENSG0000(	1.939605	2.635871	-0.38649	0.72892	0.79962	RP11-193F	chr14	-	61385958	61386873	916
ENSG0000(	1913.049	39328.27	-4.2784	1.80E-18	1.40E-17	RN7SL1	chr14	+	50053297	50053596	300
ENSG0000(	1.048164	1.188058	-0.15879	0.92335	0.94839	RP11-467L	chr15	+	20721492	20725870	735
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	ZFP64P1	chr14	-	51171061	51172229	1169
ENSG0000(	2.49967	1.043983	1.0858	0.41614	0.52129	DIO3OS	chr14	-	1.02E+08	1.02E+08	3108
ENSG0000(	0.923144	0	1.223	0.49292	NA	CTD-2062F	chr14	+	1.01E+08	1.01E+08	323
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-368P	chr14	+	53478689	53478985	297
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-857B	chr14	-	45356637	45356944	308
ENSG0000(	1.576526	0.594029	1.0157	0.51071	0.61399	RP11-493G	chr14	+	77825766	77826259	494
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-796G	chr14	+	1.02E+08	1.02E+08	639
ENSG0000(	0.870904	0	1.046	0.5544	NA	RP5-892G5	chr14	+	74659292	74659526	235
ENSG0000(	8.725248	5.225619	0.69311	0.33675	0.44052	RP11-203N	chr14	+	20919464	20920077	478
ENSG0000(	1.649304	1.234181	0.31169	0.82043	0.87375	RP11-363J	chr14	-	69705883	69727284	578
ENSG0000(	4.222566	5.765404	-0.43174	0.65142	0.73687	RP11-638I	chr14	+	1.01E+08	1.01E+08	552
ENSG0000(	2.407167	1.029414	0.97651	0.497	0.6007	NT5CP1	chr14	-	74037863	74038371	509
ENSG0000(	6.087766	1.713273	1.6558	0.14222	0.21676	RP11-829H	chr14	-	31345385	31359014	1991
ENSG0000(	0.290301	2.947455	-2.4361	0.092964	0.15198	RP11-111A	chr14	+	39944044	39982984	857
ENSG0000(	4.264621	3.772101	0.17284	0.87064	0.90976	ASB9P1	chr15	+	93338877	93339669	793
ENSG0000(	2.32241	0	2.0672	0.24517	0.34095	BANF1P1	chr14	+	69403319	69403581	263
ENSG0000(	0	10.74584	-5.0284	6.80E-05	0.000198	CTD-2134A	chr14	-	1.04E+08	1.04E+08	582
ENSG0000(	3.309773	1.029414	1.4048	0.29727	0.3992	RP11-1053	chr14	+	42211842	42212166	325
ENSG0000(	0.36308	0	0.4146	0.81455	NA	FRMD6-AS2	chr14	-	51921230	52066670	581
ENSG0000(	1.359003	3.656421	-1.2287	0.34743	0.45161	RP11-12J10	chr10	-	1.26E+08	1.26E+08	3422
ENSG0000(	0.580602	20.0009	-4.4895	6.44E-06	2.12E-05	RP4-755D9	chrX	+	1.19E+08	1.19E+08	2102
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-661P	chr15	+	91951938	92148441	2140
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-463C	chr14	-	77639418	77639995	578
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-16B1	chr14	-	60435834	60558501	502
ENSG0000(	0.342542	0	0.4146	0.81455	NA	SPECC1L	chr22	+	24666866	24838324	6204
ENSG0000(	3.028845	8.669151	-1.438	0.08884	0.14612	AC005519.	chr14	-	74755830	74761128	1367
ENSG0000(	0.923144	1.012429	-0.06857	0.96524	0.97971	CTD-2376I	chr14	-	1.01E+08	1.01E+08	548
ENSG0000(	0.632843	2.872193	-1.774	0.19049	0.2772	RP11-72M	chr14	-	66679528	66976112	1206
ENSG0000(	8.868199	2.278164	1.8076	0.050456	0.089638	RP11-723P	chr14	-	69334574	69336668	1130
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	RP11-99E1	chr14	-	77156482	77157085	604
ENSG0000(	8.838288	17.41927	-0.95485	0.077801	0.13038	RHOQP1	chr14	+	50066712	50067290	579
ENSG0000(	9.616689	0.343138	4.0815	0.000831	0.002089	RP11-99E1	chr14	-	77177001	77227731	540

ENSG0000(	1.286224	1.043983	0.2681	0.85303	0.89671	PTTG4P	chr14	-	71552199	71552550	352
ENSG0000(	1.722083	0	2.21	0.18654	NA	RP11-1070	chr14	+	95982473	95984248	993
ENSG0000(	0.342542	0	0.4146	0.81455	NA	SNRPGP1	chr14	-	51038637	51038858	222
ENSG0000(	0.705622	1.012429	-0.38881	0.80945	NA	RP11-638I	chr14	+	1.01E+08	1.01E+08	293
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-112J	chr14	+	59294952	59484046	786
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP5-1021I	chr14	-	74289262	74296838	1174
ENSG0000(	2.012384	0	2.4635	0.13092	0.20286	NBEAP1	chr15	-	20862967	20893737	3036
ENSG0000(	1.161205	0	1.2509	0.47995	NA	RP11-545N	chr14	+	39577546	39577911	366
ENSG0000(	0	10.55564	-5.0167	6.33E-05	0.000185	RP11-108N	chr14	-	57532978	57579378	1111
ENSG0000(	0	4.738406	-3.7898	0.007532	0.016189	CTD-3051D	chr14	-	1.05E+08	1.05E+08	1045
ENSG0000(	0.705622	0.343138	0.57395	0.74355	NA	RP11-84C1	chr14	-	21451314	21453225	578
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-81F1	chr14	+	37278076	37297934	554
ENSG0000(	4.253456	0.594029	2.3033	0.075248	0.12681	RP11-7F17	chr14	+	77425981	77432145	581
ENSG0000(	0.632843	3.24447	-1.9457	0.13673	0.21	RP3-414A1	chr14	-	74083412	74100644	621
ENSG0000(	0.290301	2.414118	-2.1169	0.16404	0.24477	AL161668.	chr14	+	21492331	21497430	478
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-299L	chr14	+	81879314	81879583	270
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	DNAJC19P5	chr14	+	45759239	45759589	351
ENSG0000(	0	45.58343	-7.0167	1.32E-09	6.04E-09	LINC-ROR	chr18	-	54721813	54739350	2580
ENSG0000(	2.946693	6.673433	-1.0934	0.21973	0.31157	RP11-368J	chr15	-	93608815	93609835	1021
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-671J	chr14	-	35013705	35015183	416
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	RP11-725G	chr14	+	95665376	95665682	181
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-369C	chr14	-	46175453	46185155	889
ENSG0000(	0.632843	1.234181	-0.70218	0.65868	NA	RP11-362L	chr14	+	1.01E+08	1.01E+08	441
ENSG0000(	4.294532	10.79599	-1.2477	0.13858	0.21213	CTD-2325P	chr14	-	69150128	69152282	461
ENSG0000(	1.306762	0	1.6479	0.35189	NA	AC145436.	chr15	+	27585671	27585951	281
ENSG0000(	0.342542	1.98115	-1.8626	0.22661	0.31953	COX7A2P1	chr14	-	68119017	68119331	315
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-492D	chr15	-	20433873	20482756	2512
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-725G	chr14	+	95795921	95801841	1701
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-739G	chr15	+	94133096	94304028	457
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-857B	chr14	-	45346077	45366280	693
ENSG0000(	144.8723	270.3129	-0.89575	0.000646	0.001649	RP4-773N1	chr1	+	1.11E+08	1.11E+08	4216
ENSG0000(	44.36887	25.85693	0.77538	0.047973	0.085814	CTD-2298J	chr14	-	42057064	42074059	530
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-242P	chr14	-	80128009	80257606	394
ENSG0000(	0.943682	0.343138	0.89828	0.6031	NA	RPL21P5	chr14	-	31580775	31581445	472
ENSG0000(	5.072119	0.297015	3.1855	0.018555	0.036902	BCL2L2-PA	chr14	+	23776044	23794578	1366
ENSG0000(	0.632843	0.891044	-0.33035	0.84668	NA	CTD-2302E	chr14	+	64068227	64068532	306
ENSG0000(	1.338465	3.80936	-1.3457	0.24848	0.34472	RP11-950C	chr14	-	75471422	75475184	489
ENSG0000(	5.696402	2.010288	1.3766	0.16714	0.24848	UBE2CP1	chr14	-	31152251	31152804	554
ENSG0000(	0.995923	334.2643	-7.9992	9.83E-29	1.19E-27	CTD-2142D	chr14	+	38660188	38672128	531
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-517C	chr14	+	58930689	58930854	166
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-69H1	chr15	+	22332815	22333350	536
ENSG0000(	0.290301	0.594029	-0.38058	0.83094	NA	RP5-1021I	chr14	+	74318674	74398981	3695
ENSG0000(	14.37878	5.771109	1.2296	0.13206	0.20443	RP11-509A	chr15	+	20549989	20564419	906
ENSG0000(	8.214818	8.273442	-0.02213	0.97762	0.98744	ARHGAP5-A	chr14	-	32544625	32545999	1375
ENSG0000(	1.068702	1.355566	-0.29535	0.83804	0.88621	RP11-517C	chr14	-	58836741	58862359	399
ENSG0000(	0.342542	0.700845	-0.57269	0.74414	NA	TRIM34	chr11	+	5640994	5665628	2493
ENSG0000(	58.53592	28.55275	1.0176	0.005827	0.012804	RP4-693M	chr14	-	74164806	74167054	693
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	AC068831.	chr15	-	91574942	91575665	328
ENSG0000(	6.515065	5.320282	0.27687	0.75935	0.82514	HIF1A-AS2	chr14	-	62182276	62217815	533
ENSG0000(	0.290301	0	0.4146	0.81455	NA	CTD-2175N	chr14	-	78119170	78119398	229
ENSG0000(	0.685084	18.80713	-4.3093	4.02E-05	0.00012	RP11-1042	chr14	+	60981837	61021634	868
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-543C	chr14	-	1E+08	1E+08	493
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	RP4-773N1	chr1	+	1.11E+08	1.11E+08	579
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-299L	chr14	-	81908331	81916501	637
ENSG0000(	0	1.638012	-2.1885	0.18912	NA	RP11-386N	chr15	+	93124059	93143775	1980
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-74M	chr12	+	57216769	57268052	3942
ENSG0000(	28.41519	25.95321	0.13877	0.74922	0.81649	CTD-2002H	chr14	+	58731380	58736399	576
ENSG0000(	0.653381	0.343138	0.51863	0.76794	NA	RP11-854K	chr15	+	21365634	21372686	1147
ENSG0000(	13.15417	13.10738	-0.01444	0.9818	0.98993	RP4-773N1	chr1	+	1.11E+08	1.11E+08	4870
ENSG0000(	1.08924	0	1.1858	0.50299	NA	RP11-81F1	chr14	+	37257849	37276368	526
ENSG0000(	1.846289	0.937167	0.75758	0.60832	0.70103	SALL4P7	chr14	-	60960484	60963603	3120
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	RP11-436N	chr14	-	1E+08	1E+08	386
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-1033	chr14	-	52577840	52596343	349
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP3-414A1	chr14	+	73989582	73997314	519
ENSG0000(	6.254675	4.342697	0.45921	0.65016	0.73598	CTD-2058B	chr14	-	38472318	38474052	364

ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	RP11-589N	chr14	-	53259593	53286752	196
ENSG0000(	0	1.966581	-2.1968	0.20389	0.29293	RP11-356K	chr14	+	89821404	89822915	458
ENSG0000(	1.233984	0	1.5686	0.37707	NA	LINC00871	chr14	+	46410146	46971026	866
ENSG0000(	5.934463	14.37957	-1.2384	0.054219	0.095421	LINC00638	chr14	+	1.05E+08	1.05E+08	2518
ENSG0000(	0	10.28535	-4.7624	0.000585	0.001505	RP11-433J	chr14	+	97059070	97062099	3030
ENSG0000(	12.625	17.03001	-0.43112	0.40731	0.51207	RP11-85K1	chr14	-	35390064	35451738	603
ENSG0000(	2.810509	11.20633	-1.8465	0.032539	0.061015	RP11-537P	chr14	+	37641093	37643016	1924
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	CT60	chr15	+	21145767	21198632	3401
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-218E	chr14	-	51422977	51428720	4714
ENSG0000(	1.379541	0	1.686	0.34092	NA	RP11-566J	chr14	-	1.01E+08	1.01E+08	722
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-332E	chr14	-	78745915	78749719	525
ENSG0000(	9.0369	7.922183	0.16244	0.82949	0.87995	AC068831.	chr15	+	91509575	91531854	1525
ENSG0000(	1.669842	1.949596	-0.20115	0.87692	0.91433	RP11-66N2	chr14	+	24030306	24037282	3243
ENSG0000(	0.653381	11.72101	-3.7132	0.000468	0.001222	ITPK1-AS1	chr14	+	93533797	93538497	4701
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-547D	chr14	+	53620072	53624246	1076
ENSG0000(	20.24128	12.63877	0.65278	0.31925	0.42215	RP11-603B	chr15	+	22566922	22570823	378
ENSG0000(	0.943682	5.317866	-2.1651	0.057336	0.10031	CTD-2341N	chr14	+	86401054	86596117	736
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-112J	chr14	-	59294397	59294894	498
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	LINC00637	chr14	+	1.04E+08	1.04E+08	2056
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-982N	chr14	-	1.05E+08	1.05E+08	503
ENSG0000(	8.411803	21.17197	-1.2859	0.027756	0.053002	RP11-73E1	chr14	+	35343549	35345665	2117
ENSG0000(	2.665765	1.606458	0.60881	0.62686	0.71675	ENO1P2	chr15	+	92964090	92965965	974
ENSG0000(	0.653381	0.700845	-0.04855	0.97667	NA	RP11-386N	chr15	-	93277053	93277425	373
ENSG0000(	3.391925	9.80867	-1.4571	0.089233	0.14668	RP11-406A	chr14	+	83108964	83173169	789
ENSG0000(	1.971308	1.355566	0.47487	0.70683	0.78206	RP11-80A1	chr14	+	24970800	24977894	698
ENSG0000(	0.36308	1.591889	-1.5911	0.31534	0.41792	RP11-218E	chr14	+	51378944	51380076	535
ENSG0000(	0	6.641878	-4.3367	0.001085	0.002676	CTD-2223C	chr14	-	1.05E+08	1.05E+08	462
ENSG0000(	1.048164	11.24433	-3.1789	0.001244	0.003038	RP11-356K	chr14	+	89816629	89831043	601
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-794A	chr14	+	54937427	54937936	385
ENSG0000(	3.350849	0.297015	2.6027	0.067337	0.11525	CTD-3049N	chr15	-	94261771	94614049	3480
ENSG0000(	1.597063	0.98329	0.54331	0.7168	0.79019	RP11-1012	chr14	+	68265721	68266326	606
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	RP11-1042	chr14	+	61011118	61011372	255
ENSG0000(	0.705622	0.686276	0.017556	0.99188	NA	DIO2-AS1	chr14	+	80677762	80921812	1597
ENSG0000(	14.11676	21.63172	-0.59956	0.30828	0.41004	CTD-2292N	chr14	-	20728639	20732467	3829
ENSG0000(	2.105701	1.66715	0.25468	0.86013	0.90193	RAP1AP	chr14	+	74949688	74950138	451
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-84C1	chr14	-	21384925	21396739	449
ENSG0000(	5.35386	0	3.9701	0.004388	0.009857	RP11-255N	chr15	-	95623324	95676088	573
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	NANOGP7	chr14	-	92070746	92071663	918
ENSG0000(	0.290301	1.416259	-1.3215	0.43596	NA	HIF1A-AS1	chr14	-	62147759	62162541	652
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-140I1	chr16	+	73420704	73455292	2544
ENSG0000(	5.787113	0	3.9861	0.005705	0.012557	RP11-492D	chr15	+	20359029	20366079	1141
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-164C	chr15	-	93973888	93974446	559
ENSG0000(	4.793796	8.920043	-0.87296	0.25592	0.35323	RP11-507K	chr14	+	89017941	89018837	718
ENSG0000(	4.210588	4.943174	-0.20765	0.83602	0.88504	KIAA0391	chr14	+	35591755	35786680	3857
ENSG0000(	0.36308	0	0.4146	0.81455	NA	LINC00520	chr14	-	56247864	56263406	883
ENSG0000(	12.84252	1.828211	2.5591	0.004128	0.009306	RP11-944C	chr14	-	90095265	90109015	698
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-404P	chr14	-	96725748	96734961	738
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-313F	chr12	-	34361350	34362610	1261
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	CTD-2560C	chr14	+	67227250	67227736	487
ENSG0000(	0.290301	7.639738	-3.7842	0.002648	0.006158	RP11-895N	chr14	+	91884610	91887520	303
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-589N	chr14	-	53265622	53265779	158
ENSG0000(	0.36308	1.759397	-1.5721	0.34136	0.44526	OR11H7	chr14	+	20697561	20698500	940
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-1152	chr14	-	88176763	88338635	826
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-255G	chr14	-	51858846	51863853	572
ENSG0000(	1.919068	2.338857	-0.23286	0.83864	0.88677	CTD-2555C	chr14	-	64825486	64846036	572
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-219E	chr14	+	21252047	21252452	294
ENSG0000(	0.632843	6.411261	-2.8111	0.024581	0.047522	CTD-3051D	chr14	+	1.05E+08	1.05E+08	3254
ENSG0000(	0.870904	2.713549	-1.2301	0.40069	0.50538	RP11-109N	chr14	-	73525139	73526123	494
ENSG0000(	2.842212	9.070566	-1.5423	0.067494	0.1155	RP11-408B	chr12	+	85711838	85736690	519
ENSG0000(	0	6.861215	-4.3394	0.001336	0.003251	RP11-7F17	chr14	-	77535523	77542687	1817
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-293N	chr14	+	75726114	75738653	704
ENSG0000(	2.935529	0.640152	1.8043	0.17272	0.25535	AC005041.	chr2	-	74725815	74726494	412
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CTD-2555K	chr14	-	23192685	23195781	767
ENSG0000(	5.519142	3.307578	0.68796	0.4638	0.5688	CTD-2555C	chr14	-	64889653	64915275	550
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-537P	chr14	-	37566267	37567768	828

ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTD-2566J.	chr14	-	68591721	68596913	537
ENSG0000(	63.26214	16.85276	1.8713	2.12E-06	7.35E-06	MC1R	chr16	+	89978527	89987385	3637
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-286C	chr14	+	51288598	51290219	392
ENSG0000(	0.943682	0	1.2438	0.48556	NA	EEF1A1P33	chr12	-	97294475	97296476	1362
ENSG0000(	0.342542	0.937167	-0.89746	0.60352	NA	CTD-2014B	chr14	-	66424015	66471241	773
ENSG0000(	0.705622	1.043983	-0.41302	0.79763	NA	RP11-894P	chr14	+	1.04E+08	1.04E+08	553
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-30G8	chr15	-	27929644	27930914	209
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-463J	chr14	-	52449238	52453937	467
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CTD-2325K	chr14	+	58096559	58097880	1322
ENSG0000(	1.887365	4.095838	-0.94353	0.4358	0.54123	RP11-247L	chr14	+	50863731	50865063	501
ENSG0000(	2.956066	1.98115	0.51128	0.65077	0.7365	RP11-982M	chr14	-	1.05E+08	1.05E+08	716
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-594C	chr14	-	87819414	88039366	544
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-300J	chr14	+	88490894	88563276	833
ENSG0000(	3.858673	1.370136	1.3293	0.26255	0.36072	EIF4EBP1P2	chr14	+	21887779	21888119	341
ENSG0000(	1.027626	0	1.1491	0.51623	NA	RP3-514A2	chr14	-	73019288	73061833	654
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	RP11-304L	chr14	-	55351567	55352931	1013
ENSG0000(	7.903979	0.343138	3.7743	0.003054	0.00703	CTD-2547L	chr14	+	91709103	91717426	611
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	CTD-2277K	chr14	+	62278692	62437037	664
ENSG0000(	0.995923	0	1.4959	0.39264	NA	CTD-3035D	chr14	-	91288709	91294472	384
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-344B	chr9	+	36856552	36861372	520
ENSG0000(	334.1854	513.9042	-0.61902	2.54E-05	7.77E-05	CEP95	chr17	+	62502706	62538579	3641
ENSG0000(	4.418737	3.694423	0.26523	0.77332	0.83686	RP5-1021I2	chr14	-	74362867	74404817	3548
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CTD-2643K	chr15	+	94576887	94577406	520
ENSG0000(	2.831047	1.949596	0.46984	0.70375	0.77967	RP11-248B	chr14	+	60625694	60626042	349
ENSG0000(	8.381892	7.619464	0.14756	0.86285	0.90423	HNRPCP	chr14	+	58987941	58988706	766
ENSG0000(	2.261609	0	2.6509	0.097945	0.15859	CTD-2128A	chr14	-	85828801	85983278	558
ENSG0000(	0.580602	5.249052	-2.4156	0.095424	0.15534	RP11-355I2	chr14	-	62570096	62583893	737
ENSG0000(	12.79109	15.62503	-0.29008	0.59718	0.6915	RP11-638I2	chr14	+	1.01E+08	1.01E+08	533
ENSG0000(	2.229907	0.654722	1.4291	0.30739	0.4091	RP11-19E1	chr2	-	1.2E+08	1.2E+08	695
ENSG0000(	0	2.529055	-2.8037	0.077578	0.13005	CTD-2134A	chr14	+	1.04E+08	1.04E+08	127
ENSG0000(	3.319146	3.428963	-0.03327	0.97527	0.98625	ZMYND19P	chr14	+	78162934	78163720	787
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-219E	chr14	-	21366144	21404414	351
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-1029	chr14	-	1.02E+08	1.02E+08	539
ENSG0000(	13.31864	28.65312	-1.0806	0.045041	0.081163	FOXN3-AS1	chr14	+	89883698	89886137	1077
ENSG0000(	1.628766	2.667426	-0.61278	0.6062	0.69942	CTD-2313J	chr15	-	93349000	93351797	464
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	RP11-47I22	chr14	-	62004226	62012005	593
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-1070	chr14	+	96087251	96109622	1714
ENSG0000(	6.930386	1.355566	2.1656	0.0305	0.057593	RP11-58E2	chr14	-	50474031	50507947	2301
ENSG0000(	0	2.474811	-2.4918	0.14342	0.21836	CTD-3006G	chr14	-	27727923	28314492	674
ENSG0000(	3.423628	0.357707	2.5849	0.071128	0.12078	RP11-1078	chr14	+	91033839	91036320	559
ENSG0000(	3.931452	0.654722	2.19	0.081277	0.13539	RP11-317M	chr14	-	36288430	36295971	2867
ENSG0000(	2.282147	0.654722	1.4654	0.28606	0.38753	RP11-407M	chr14	-	39734907	39736265	1359
ENSG0000(	0.290301	1.949596	-1.8654	0.22752	0.32056	RP11-255G	chr14	-	51811632	51852321	813
ENSG0000(	14.50299	0	5.4932	4.63E-06	1.54E-05	RP11-696D	chr14	-	63764844	63766265	880
ENSG0000(	0.290301	3.054271	-2.4686	0.088623	0.14586	RP4-647C1	chr14	-	73738890	73740789	777
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-58E2	chr14	-	50394289	50428678	2460
ENSG0000(	93.455	35.19047	1.3924	0.000612	0.001569	TUBB3	chr16	+	89987800	90005169	3715
ENSG0000(	2.116866	4.081268	-0.85351	0.46136	0.56655	RP11-857B	chr14	-	45368111	45381066	360
ENSG0000(	4.326234	4.112823	0.079596	0.93022	0.95392	CTD-2540L	chr14	+	71061269	71062487	1219
ENSG0000(	32.00989	0.951736	4.6805	8.10E-08	3.18E-07	RP11-1042	chr14	+	61107448	61109307	572
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	AC004507.	chr5	-	1.26E+08	1.26E+08	2977
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	LINC00519	chr14	-	51771134	51795104	682
ENSG0000(	1.71271	2.399549	-0.39178	0.78277	0.8444	RP11-363J2	chr14	-	69649737	69680809	1826
ENSG0000(	12.24219	2.414118	2.2205	0.008958	0.018999	RP11-1017	chr14	-	1.03E+08	1.03E+08	566
ENSG0000(	1.733248	0.700845	0.97851	0.52957	0.63097	RP5-1163L	chr14	-	71511092	71511357	266
ENSG0000(	0.632843	0.951736	-0.41411	0.79829	NA	RP11-829H	chr14	+	31487652	31488002	351
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-305B	chr14	-	44464984	44853748	257
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-100M	chr15	-	27663942	27665881	380
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	NDUFB8P1	chr14	+	74098179	74098723	545
ENSG0000(	8.403243	0	4.6711	0.000296	0.000793	CTD-2207P	chr14	-	75081396	75083350	667
ENSG0000(	0.342542	0.715414	-0.51272	0.77372	NA	HIF1AP1	chr14	-	75583129	75583303	175
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-433J	chr14	+	97207528	97256950	430
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	EIF1AXP2	chr14	-	65995548	65996292	413
ENSG0000(	3.289235	3.855484	-0.2167	0.83585	0.88489	RP11-638I2	chr14	-	1.01E+08	1.01E+08	331
ENSG0000(	3.257533	0.997859	1.4908	0.21289	0.30347	RP11-507K	chr14	+	88965678	88981433	492

ENSG0000(	1.524285	0.343138	1.4176	0.39874	NA	UBE2F	chr2	+	2.39E+08	2.39E+08	2902
ENSG0000(	21.16442	25.42	-0.26937	0.59524	0.68964	RP11-368P	chr14	+	53503473	53504969	366
ENSG0000(	0.290301	23.22193	-5.3309	1.99E-06	6.92E-06	TMEM179	chr14	-	1.05E+08	1.05E+08	2510
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	RP11-368P	chr14	+	53489773	53490315	247
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	NF1P2	chr15	-	22133181	22152165	2505
ENSG0000(	9.369256	1.949596	2.091	0.020193	0.039801	RP11-398E	chr14	-	45232360	45252032	2904
ENSG0000(	1.317927	1.370136	-0.03203	0.98314	0.99064	RP11-114N	chr14	-	81573377	81636758	601
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CTD-2373J	chr14	-	45329519	45335450	5932
ENSG0000(	14.08767	16.58805	-0.22034	0.70799	0.78295	RPPH1	chr14	-	20811207	20811844	638
ENSG0000(	14.58612	0	5.4736	7.03E-06	2.30E-05	RP11-8L8.2	chr14	+	1.02E+08	1.02E+08	943
ENSG0000(	2.366091	3.319731	-0.43953	0.70122	0.77768	RP3-449M8	chr14	-	74940710	74941567	589
ENSG0000(	1.576526	0	2.1197	0.20755	NA	RP11-566K	chr16	-	89986235	89989070	985
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	RP11-973N	chr14	-	65066961	65068362	1402
ENSG0000(	1.701545	1.043983	0.58178	0.67742	0.75844	RP11-1017	chr14	-	1.02E+08	1.02E+08	238
ENSG0000(	3.652315	3.899191	-0.09739	0.91927	0.94566	RP11-109N	chr14	+	73427303	73428701	289
ENSG0000(	2.624689	0	2.9014	0.06135	0.10638	RP11-561B	chr14	-	35916209	35916831	504
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-529H	chr14	+	92492910	92493231	322
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	LINC00524	chr14	-	1.02E+08	1.02E+08	418
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-907D	chr14	-	97576753	97585584	750
ENSG0000(	7.148722	2.901332	1.186	0.19156	0.27852	FPGT-TNNI3	chr1	+	74663926	75009666	7566
ENSG0000(	1.213446	0.297015	1.1759	0.49096	NA	CTD-2062F	chr14	+	1.01E+08	1.01E+08	553
ENSG0000(	1.866827	4.127392	-0.97947	0.37596	0.48003	ENSAP2	chr14	-	83159048	83159399	352
ENSG0000(	0	1.029414	-1.1526	0.51496	NA	RP11-718G	chr14	+	70742013	70758576	448
ENSG0000(	0.685084	0.594029	0.089218	0.95997	NA	RP11-404P	chr14	-	96699768	96700438	572
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	CTD-2325P	chr14	-	69093883	69095162	279
ENSG0000(	1.390706	0.594029	0.78929	0.63522	0.72364	RP11-409I	chr14	+	58045350	58048038	708
ENSG0000(	12.0316	82.01938	-2.6984	2.96E-09	1.31E-08	CTD-2058B	chr14	-	38503492	38663486	785
ENSG0000(	3.298608	0	3.2386	0.030975	0.05834	CHORDC2P	chr14	-	90203309	90204735	1090
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-736L	chr14	+	43769466	43769798	333
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-488C	chr14	-	77388183	77390992	756
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	PEBP1P1	chr14	-	96890037	96890546	510
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-736P	chr14	+	87402984	87455469	412
ENSG0000(	1.048164	1.638012	-0.55101	0.6937	0.77158	ACTN1-AS1	chr14	+	69446399	69454180	599
ENSG0000(	0	1.355566	-1.9006	0.26573	NA	RP11-386N	chr15	+	93170303	93170644	342
ENSG0000(	9.584986	7.051414	0.40851	0.58581	0.68158	RP5-1021I2	chr14	+	74254063	74269973	573
ENSG0000(	1.027626	1.66715	-0.50795	0.75139	0.81835	RP11-371E	chr14	+	93651318	93684932	570
ENSG0000(	0.705622	2.681995	-1.6216	0.22988	0.32324	LINC00639	chr14	-	39218545	39417477	4494
ENSG0000(	8.745785	12.64844	-0.52242	0.41497	0.52004	RP11-247L	chr14	-	50793244	50794627	446
ENSG0000(	2.261609	0	2.6509	0.097945	0.15859	RP11-96D2	chr14	+	38760157	38781134	1044
ENSG0000(	0	2.681995	-2.9147	0.061147	0.10611	FOXN3-AS2	chr14	+	90042560	90043821	1262
ENSG0000(	1.971308	2.443257	-0.24282	0.85365	0.8972	POC1B-GAL	chr12	-	89913185	89920039	5436
ENSG0000(	1.068702	0.297015	0.9938	0.56435	NA	PTBP1P	chr14	+	65745985	65747884	1601
ENSG0000(	0.72616	0.654722	0.069147	0.96802	NA	RP1-261D1	chr14	-	71797059	71797455	397
ENSG0000(	32.39709	0.951736	4.7227	1.70E-08	7.10E-08	RP11-488C	chr14	-	77240627	77247861	749
ENSG0000(	1.286224	5.729818	-1.9091	0.087554	0.14436	RP11-407N	chr14	-	39644089	39645084	530
ENSG0000(	1.338465	1.935026	-0.47246	0.70817	0.78306	RP11-134E	chr14	-	32741061	32741510	450
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-356C	chr14	-	38025363	38036300	379
ENSG0000(	2.624689	6.281755	-1.1613	0.21809	0.30956	CTD-2017C	chr14	-	1.02E+08	1.02E+08	448
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	RP11-173D	chr14	-	35627110	35628305	1196
ENSG0000(	5.125173	0	3.89	0.00576	0.012666	LINC00517	chr14	-	38365265	38371577	3460
ENSG0000(	27.70777	18.15254	0.58973	0.31788	0.42064	RP11-603B	chr15	+	22546089	22546799	711
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP11-1074	chr14	-	39854608	39856306	1699
ENSG0000(	4.337399	2.681995	0.6333	0.53498	0.63592	RP11-270N	chr14	-	76280845	76314041	448
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-406H	chr14	+	50915525	50923460	502
ENSG0000(	5.072932	4.242329	0.22346	0.79499	0.85463	RP11-973N	chr14	-	64980872	65007086	558
ENSG0000(	8.466649	6.765679	0.30764	0.68532	0.76508	RP11-840I2	chr14	+	65548752	65560930	796
ENSG0000(	1.866827	9.378118	-2.127	0.020338	0.040065	SMIM6	chr17	+	73642323	73644057	957
ENSG0000(	4.543757	0	3.7462	0.008214	0.017521	RP11-545N	chr14	+	39560105	39560305	201
ENSG0000(	0.290301	0	0.4146	0.81455	NA	TVP23BP1	chr15	+	27210064	27215532	617
ENSG0000(	0.975385	1.012429	-0.02805	0.98575	0.99164	RP11-187C	chr14	-	76961706	77193055	632
ENSG0000(	0.705622	2.742687	-1.6282	0.23411	0.32777	RP11-545N	chr12	-	57538403	57541402	645
ENSG0000(	0.653381	0	0.82678	0.64037	NA	RP11-99L1	chr14	-	44861734	44862919	263
ENSG0000(	9.168852	33.45625	-1.8059	0.000366	0.000967	LINC00648	chr14	-	48234157	48264295	2885
ENSG0000(	0.342542	1.058552	-0.99235	0.56407	NA	RP11-219E	chr14	-	21338437	21341751	549
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-1085	chr14	-	57115683	57197253	570

ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-398J	chr15	+	95976324	96051076	2682
ENSG0000(	1.741807	1.012429	0.5793	0.72106	0.7936	RP11-950C	chr14	+	75593856	75603633	367
ENSG0000(	3.382552	6.503508	-0.8993	0.31271	0.41487	CTD-2240H	chr14	-	95651454	95652191	594
ENSG0000(	6.089393	2.667426	1.091	0.25794	0.3556	RP1-261D1	chr14	-	71759442	71788531	513
ENSG0000(	0.653381	13.5799	-3.8548	0.0005	0.001297	CAP2P1	chr14	-	89756549	89757938	1390
ENSG0000(	5.208303	102.0636	-4.1868	1.88E-15	1.27E-14	RP6-65G23	chr14	+	71276922	71282120	629
ENSG0000(	5.612459	5.110682	0.14077	0.86251	0.90395	RP11-831F	chr14	+	50144087	50144611	525
ENSG0000(	0.36308	0.594029	-0.39069	0.82661	NA	ADAM20P1	chr14	-	70935598	70950473	3034
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	RP11-973M	chr14	-	65002420	65002597	178
ENSG0000(	0.705622	0	0.8807	0.6196	NA	CTD-2017C	chr14	-	1.02E+08	1.02E+08	729
ENSG0000(	11.19582	0.654722	3.6114	0.001026	0.002539	RP11-203M	chr14	+	20906141	20909427	890
ENSG0000(	1.753786	1.782087	-0.04722	0.976	0.9865	RP11-1078	chr14	+	91108982	91115238	1237
ENSG0000(	2.789971	0.997859	1.2854	0.3099	0.41177	DDX18P1	chr14	+	69550115	69552106	1992
ENSG0000(	18.902	0	5.8688	5.48E-07	2.00E-06	RP11-100M	chr15	-	27728181	27787137	1100
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	LOC39048	chr14	-	60865652	60866731	631
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-763K	chr15	-	93013463	93014776	480
ENSG0000(	4.802355	6.177355	-0.33734	0.67469	0.75631	RP11-299G	chr15	+	1.02E+08	1.02E+08	2590
ENSG0000(	1.068702	0.997859	0.04858	0.97403	0.98544	RP11-379K	chr15	-	80846950	80855285	2520
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-69H1	chr15	+	22278010	22413497	2317
ENSG0000(	0.36308	1.545765	-1.432	0.39306	0.49747	RP11-154B	chr15	-	90936722	90941113	458
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-463I	chr15	+	35285847	35295422	473
ENSG0000(	2.572449	5.200513	-0.898	0.37986	0.48386	RP11-424I	chr15	+	1.02E+08	1.02E+08	645
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CTD-2647E	chr15	+	50171801	50175722	1284
ENSG0000(	2.656392	3.772101	-0.44247	0.69055	0.7693	RP11-253M	chr15	-	69726805	69727459	655
ENSG0000(	0.36308	1.920457	-1.7083	0.29495	0.39702	AC109631.	chr15	-	38750961	38751741	781
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-108K	chr15	+	51659574	51661307	174
ENSG0000(	2.334388	2.414118	-0.02988	0.97895	0.98832	RP11-158M	chr15	+	86314221	86314394	174
ENSG0000(	0.342542	0.715414	-0.51272	0.77372	NA	HMBOX1-I1	chr8	+	28807193	28813472	347
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTD-2544M	chr15	-	98589896	98836406	364
ENSG0000(	1.701545	2.786395	-0.6103	0.61998	0.71081	RP11-718C	chr15	+	45997276	46223267	861
ENSG0000(	1.431782	0.640152	0.81272	0.60712	0.70004	RP11-56B1	chr15	-	52179757	52193320	510
ENSG0000(	0.653381	1.669566	-0.99654	0.52289	0.62541	RP11-342M	chr15	-	67435072	67439277	472
ENSG0000(	0	218.0351	-9.1832	1.62E-17	1.22E-16	RP11-209K	chr15	-	53093811	53097139	572
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	RP11-394B	chr15	-	51356806	51361783	308
ENSG0000(	1.359003	2.278164	-0.66508	0.59006	0.68516	PRKXP1	chr15	-	1.01E+08	1.01E+08	1122
ENSG0000(	64.07999	0.951736	5.6861	3.70E-13	2.16E-12	ITGB3	chr17	+	45331212	45421658	3995
ENSG0000(	4.451254	3.259039	0.39203	0.69229	0.77062	RP5-991G2	chr16	+	72840887	72843538	498
ENSG0000(	0	2.102535	-2.2822	0.18452	0.26979	RP11-64K1	chr15	-	40756392	40758925	729
ENSG0000(	6.982627	0.951736	2.5296	0.020484	0.040303	CTD-3065B	chr15	-	91139072	91139679	474
ENSG0000(	1.265686	0.686276	0.62291	0.7066	0.7819	RP11-253M	chr15	-	69750861	69754145	391
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	RP11-227D	chr15	+	49017535	49018024	490
ENSG0000(	2.302685	2.087966	0.13808	0.91272	0.94036	CTD-3076C	chr15	+	1.01E+08	1.01E+08	2393
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-82L7	chr15	-	60365867	60410519	643
ENSG0000(	5.964374	2.056411	1.4269	0.14764	0.22392	SLC35G6	chr17	+	7384721	7386383	1195
ENSG0000(	2.157128	0	2.543	0.11988	0.18865	RP11-1008	chr15	+	38276967	38354541	1147
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-64K1	chr15	+	70894463	70894855	393
ENSG0000(	0.632843	0.357707	0.4993	0.77637	NA	AC022819.	chr15	-	99824830	99825781	952
ENSG0000(	1.161205	19.95645	-3.6882	6.42E-05	0.000187	CTD-2555C	chr14	+	1.03E+08	1.03E+08	1603
ENSG0000(	2.914991	1.326428	0.9798	0.43106	0.53657	RP11-349G	chr15	-	65767656	65767952	297
ENSG0000(	1.742621	1.370136	0.26375	0.86013	0.90193	CTD-2611K	chr15	-	1.02E+08	1.02E+08	1798
ENSG0000(	1.503747	0.297015	1.4237	0.39815	NA	RP11-361D	chr15	+	59980716	59981617	402
ENSG0000(	0	2.932886	-3.0734	0.043938	0.079479	RP11-108K	chr15	+	51329685	51586109	561
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-313P	chr15	-	51985413	51987962	855
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	AC002306.	chr19	+	19716690	19719991	1928
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-182J	chr15	-	85056472	85070180	492
ENSG0000(	6.857607	9.294735	-0.41598	0.5454	0.64566	RP11-265M	chr15	-	63836446	63893788	1807
ENSG0000(	21.9729	16.40926	0.41189	0.37356	0.47795	RP11-50C1	chr15	+	58879706	58883875	542
ENSG0000(	0	1.788535	-1.712	0.33711	NA	RP11-643M	chr15	+	62352702	62354633	1921
ENSG0000(	0.705622	0.357707	0.57557	0.74268	NA	CTD-2339L	chr15	+	40935131	40939055	516
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-838M	chr18	-	3347774	3350557	404
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-616M	chr15	+	99878062	99878686	625
ENSG0000(	1.317927	0.997859	0.31824	0.82798	0.87881	RP11-325L	chr15	+	65397872	65398138	267
ENSG0000(	3.341476	35.79015	-3.2949	1.54E-06	5.41E-06	RP11-60L3	chr15	+	74495046	74513896	1344
ENSG0000(	0.580602	0.715414	-0.13184	0.94086	NA	RP11-432J	chr10	+	72698810	72715398	534
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	CTD-2501E	chr15	+	60822172	60837358	434

ENSG0000(	6.5647	0	4.2119	0.002617	0.006089	RP11-522B	chr15	+	96897466	96946964	563
ENSG0000(	0.705622	0.594029	0.11178	0.94848	NA	RP11-815J	chr15	-	86164495	86170920	568
ENSG0000(	0.580602	0.654722	-0.07721	0.96449	NA	RP13-126C	chr15	-	29262399	29269667	751
ENSG0000(	1.338465	0	1.8837	0.27037	NA	RP11-122D	chr15	-	37168580	37179236	750
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-143C	chr15	-	97315235	97326542	465
ENSG0000(	1.814586	1.073121	0.57307	0.7219	0.79427	RP11-696L	chr15	+	69126169	69127088	920
ENSG0000(	18.97397	11.18605	0.74209	0.18898	0.27528	RP11-3D4.	chr15	-	34150918	34157026	447
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-133K	chr15	+	40509629	40568597	2767
ENSG0000(	29.131	13.52578	1.0708	0.029944	0.056666	RP11-617F	chr15	-	90617747	90625439	1168
ENSG0000(	0	5.675573	-4.0878	0.002764	0.006409	CTA-339C1	chr7	-	1.01E+08	1.01E+08	622
ENSG0000(	5.943836	5.661004	0.068029	0.93099	0.95451	RP11-561C	chr15	+	85734669	85757136	7790
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	RP11-313P	chr15	-	52000192	52007417	387
ENSG0000(	2.718006	1.577319	0.64346	0.60104	0.69476	RP11-562A	chr15	-	50789392	50790941	667
ENSG0000(	0.36308	0.951736	-0.91212	0.59701	NA	RP11-37J1.	chr15	-	29525877	29527341	1465
ENSG0000(	1.016461	0.891044	0.096278	0.95404	0.97142	ZHX1-C8ORF	chr8	-	1.24E+08	1.24E+08	1255
ENSG0000(	1.597063	0.297015	1.5007	0.36768	NA	RP11-382A	chr15	+	83713120	83713523	404
ENSG0000(	3.341476	1.309443	1.139	0.37214	0.47659	CTD-3065B	chr15	-	91147457	91157790	807
ENSG0000(	4.273994	9.465532	-1.0932	0.15963	0.23927	RP11-752G	chr15	-	83394625	83407656	1662
ENSG0000(	8.23894	1.326428	2.3323	0.038575	0.071078	CTD-2116N	chr15	-	64472547	64665980	1683
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-561C	chr15	+	85815758	85816205	368
ENSG0000(	12.73804	7.428522	0.74113	0.26043	0.35839	RP11-454L	chr14	-	55861658	55861951	294
ENSG0000(	6.959483	7.03114	0.007945	0.99154	0.99549	RP11-293N	chr14	-	75890386	75894444	4059
ENSG0000(	0	2.24661	-2.6365	0.10117	0.16301	RP11-468E	chr14	+	24608654	24609653	747
ENSG0000(	2.055252	1.669566	0.21455	0.89244	0.9253	RP11-762H	chr15	+	78585628	78588391	449
ENSG0000(	0.632843	3.336716	-1.9803	0.12578	0.19638	RP11-102L	chr15	+	38795054	38797182	2129
ENSG0000(	1.068702	0.937167	0.097081	0.9507	0.96919	CTD-2184D	chr15	+	52408771	52414328	874
ENSG0000(	11.76265	26.88648	-1.1675	0.036764	0.06807	RP11-152F	chr15	+	82944773	82974312	1160
ENSG0000(	108.3235	186.6444	-0.78592	6.38E-05	0.000186	RP11-64K1	chr15	+	40617417	40618916	594
ENSG0000(	0.580602	3.137654	-1.8733	0.1895	0.27591	RP11-516C	chr15	-	44739775	44741542	1768
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-323I	chr15	-	35391223	35461899	1342
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTD-2651B	chr15	+	45507745	45508141	397
ENSG0000(	5.830795	0	4.0749	0.003328	0.007621	RP11-20G1	chr15	-	99967214	99971233	395
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-519G	chr15	-	45722850	45734006	729
ENSG0000(	4.741555	2.742687	0.73199	0.45753	0.56266	RP11-761I4	chr15	+	81616718	81654378	769
ENSG0000(	2.635854	4.972312	-0.81424	0.46347	0.56852	RP11-566K	chr15	-	23095170	23115256	608
ENSG0000(	11.73535	14.93801	-0.35107	0.60183	0.69536	RP11-624L	chr15	-	39157523	39719396	1378
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	RP11-798K	chr15	-	67278699	67351591	741
ENSG0000(	0.923144	0	1.223	0.49292	NA	RP11-4G2.	chr15	-	96571318	96590159	561
ENSG0000(	3.64115	6.313309	-0.74878	0.37084	0.47532	RP11-15E1	chr17	+	58603654	58628159	557
ENSG0000(	0.685084	0.343138	0.48017	0.78775	NA	RP11-111E	chr15	+	64220473	64228152	1072
ENSG0000(	0	2.307303	-2.6761	0.094365	0.15383	RP11-30K9	chr15	-	59149030	59157262	450
ENSG0000(	0.632843	0	0.81931	0.64303	NA	RP11-519G	chr15	+	45740625	45805965	2399
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-90E5	chr15	+	1.01E+08	1.01E+08	1781
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	RP11-456J	chr15	-	32057946	32060404	2459
ENSG0000(	3.495593	0	3.3272	0.025746	0.049562	RP11-327J	chr15	+	96714810	96717568	639
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-142J	chr15	-	47689698	47691751	581
ENSG0000(	0.975385	2.367995	-1.0414	0.4405	0.54626	RP11-307C	chr15	+	77817882	77826452	3814
ENSG0000(	16.63102	5.943449	1.4304	0.026024	0.050026	CTD-2054N	chr15	+	1E+08	1E+08	665
ENSG0000(	1.317927	12.70913	-3.0022	0.001737	0.004152	RP11-64K1	chr15	-	40745643	40746838	584
ENSG0000(	0	1.545765	-1.8556	0.29195	NA	RP11-424I	chr15	+	1.02E+08	1.02E+08	556
ENSG0000(	44.79258	22.31062	1.0021	0.004961	0.011055	CTD-2647L	chr8	+	28913452	28914202	552
ENSG0000(	2.645227	0.700845	1.6153	0.22878	0.32193	RP11-815J	chr15	-	86162854	86214179	660
ENSG0000(	59.47976	1.043983	5.5614	3.18E-12	1.74E-11	RP11-1069	chr15	-	63124323	63176233	2978
ENSG0000(	1.939605	0	2.4257	0.13778	0.21116	CTD-2240J	chr15	+	81702858	81711358	658
ENSG0000(	0	6.73983	-4.3061	0.001571	0.003778	RP11-736N	chr14	+	1.04E+08	1.04E+08	2079
ENSG0000(	1.628766	6.60146	-1.7655	0.13558	0.20871	RP11-505E	chr15	-	1.02E+08	1.02E+08	491
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTD-2308G	chr15	+	52044682	52048672	581
ENSG0000(	6.451659	0.357707	3.5035	0.007013	0.015181	DCAF13P3	chr15	+	51236860	51238193	1334
ENSG0000(	0.653381	0	0.82678	0.64037	NA	RP11-346D	chr15	-	38431796	38519088	2471
ENSG0000(	5.415474	1.966581	1.3031	0.22066	0.31266	RP11-192N	chr15	-	1.01E+08	1.01E+08	1222
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	GH1	chr17	-	61994560	61996179	830
ENSG0000(	0.580602	0.997859	-0.50233	0.75666	NA	H3F3AP1	chr15	-	40243576	40243909	334
ENSG0000(	2.718006	0.297015	2.295	0.12071	0.18974	RP11-758N	chr15	-	33129184	33129527	344
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-244F	chr15	+	63245372	63246323	952
ENSG0000(	0.36308	1.234181	-1.1893	0.48408	NA	RP11-16O9	chr15	+	41635278	41636423	476

ENSG0000(	0.632843	1.638012	-1.0613	0.46491	0.5697	RP11-323I:	chr15	+	35384682	35385413	732
ENSG0000(	2.37465	2.278164	0.077238	0.95196	0.97003	RP11-430B	chr15	+	52325904	52327822	381
ENSG0000(	1.265686	1.949596	-0.50764	0.70138	0.77779	RP11-30K9	chr15	+	59107471	59109927	526
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-315L	chr15	-	97815407	97862518	454
ENSG0000(	0	1.355566	-1.9006	0.26573	NA	EFTUD1P1	chr15	+	84748920	84795356	1798
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	ISCA1P4	chr15	-	41240934	41241067	134
ENSG0000(	4.148974	2.431104	0.71244	0.52642	0.62819	RP11-158N	chr15	-	86287340	86293512	964
ENSG0000(	7.35508	9.148243	-0.30013	0.66331	0.74673	RP11-3D4.:	chr15	-	34147101	34149010	543
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-34F1	chr15	+	68125063	68166204	346
ENSG0000(	0.342542	0.715414	-0.51272	0.77372	NA	RP11-139F	chr15	+	35692892	35693969	1078
ENSG0000(	2.86275	1.773966	0.62894	0.61565	0.70724	HERC2P7	chr15	+	23388289	23392657	726
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	RP11-7M1(	chr15	+	85296353	85297733	429
ENSG0000(	3.983692	7.495662	-0.85515	0.29454	0.39662	RP11-158N	chr15	-	86298172	86299468	855
ENSG0000(	0.870904	3.602177	-1.6411	0.21392	0.30468	RP11-2E17	chr15	-	80487826	80544555	6890
ENSG0000(	1.338465	0.891044	0.39821	0.79657	0.85554	RP11-109D	chr15	-	45333914	45350905	542
ENSG0000(	0.36308	1.188058	-0.99796	0.5724	NA	RP11-307C	chr15	+	77861312	77901023	719
ENSG0000(	3.58891	4.181636	-0.2127	0.81871	0.87259	RP11-593F	chr15	-	76467232	76473827	2354
ENSG0000(	2.531373	15.69713	-2.453	0.003683	0.008367	RP11-35O1	chr15	-	99190180	99190600	334
ENSG0000(	1.411244	3.959884	-1.3401	0.25394	0.35099	RP11-566K	chr15	+	23096869	23105332	3940
ENSG0000(	9.119217	5.36399	0.741	0.32306	0.42597	RP11-253N	chr15	-	69689243	69707368	1778
ENSG0000(	5.33153	4.568482	0.19693	0.835	0.88407	UBE2Q2P3	chr15	+	83023847	83088805	809
ENSG0000(	0	1.531196	-1.8455	0.29475	NA	RP11-168G	chr15	+	1.01E+08	1.01E+08	432
ENSG0000(	61.0007	105.8202	-0.78655	0.012841	0.02641	THTPA	chr14	+	24025216	24029480	2860
ENSG0000(	0.342542	2.056411	-1.8947	0.21814	0.30961	RP11-37C7	chr15	-	40105424	40107630	567
ENSG0000(	2.096328	0	2.2646	0.18883	0.27515	RP11-720L	chr15	-	37657228	37783009	463
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	OR4N3P	chr15	+	22413569	22414386	818
ENSG0000(	6.20162	2.292733	1.3233	0.1858	0.27142	CTC-378H2	chr19	+	42656721	42661675	1955
ENSG0000(	1.359003	4.694699	-1.5966	0.15972	0.23938	CTD-2650P	chr15	-	52303196	52311292	865
ENSG0000(	0	106.7928	-8.2321	4.77E-14	2.94E-13	RP11-89K2	chr2	-	45147332	45166338	2880
ENSG0000(	0	2.010288	-2.4674	0.13027	0.202	NPM1P43	chr15	-	73454120	73455269	786
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	MRPL15P1	chr15	+	90295527	90296724	878
ENSG0000(	1.317927	6.785954	-2.1255	0.048059	0.085955	RP11-752G	chr15	+	83412975	83419041	1091
ENSG0000(	4.625909	11.16665	-1.2154	0.11048	0.17571	RP11-276N	chr15	-	82245644	82288007	526
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-489D	chr15	-	33595858	33602860	479
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-462P	chr15	-	39592619	39602983	910
ENSG0000(	0	17.36428	-5.7015	2.73E-06	9.34E-06	RP11-16E1	chr15	+	31508223	31516648	468
ENSG0000(	1.846289	0.594029	1.1406	0.47787	0.58224	RP11-265N	chr15	-	39480639	39486510	1961
ENSG0000(	2.624689	0	2.9014	0.06135	0.10638	RP11-561C	chr15	-	85857898	85858747	470
ENSG0000(	2.334388	1.713273	0.40198	0.73577	0.80503	RP11-815J:	chr15	+	86244340	86246002	746
ENSG0000(	10.03201	10.17121	-0.0301	0.9614	0.977	RP5-914P2	chr20	+	49547521	49561316	572
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-279F	chr15	-	69857063	69858129	890
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-625H	chr15	-	62929371	62937490	2425
ENSG0000(	1.669842	0	1.9671	0.26049	NA	RP11-321G	chr15	+	63682335	63729347	816
ENSG0000(	0	1.684135	-2.1921	0.19067	NA	RP11-752G	chr15	+	83316521	83361572	2138
ENSG0000(	1.233984	0.686276	0.5937	0.72183	0.79426	RP11-540C	chr15	+	41303795	41305498	414
ENSG0000(	1.411244	0.357707	1.3172	0.43349	NA	NDUFAF4P:	chr15	+	49448526	49449044	519
ENSG0000(	1.742621	1.309443	0.30353	0.83748	0.88597	RP11-227D	chr15	-	49021277	49022041	540
ENSG0000(	0.36308	0	0.4146	0.81455	NA	KRT8P9	chr15	+	71151053	71152501	1449
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-321F	chr15	+	66874528	66978132	833
ENSG0000(	1.742621	0.297015	1.5615	0.351	0.45536	RP13-996F	chr15	-	83141718	83182928	1349
ENSG0000(	1.016461	2.886762	-1.2988	0.312	0.41408	RP11-650L	chr15	-	78772399	78774162	325
ENSG0000(	7.148722	6.162786	0.18154	0.81248	0.8682	RP11-654A	chr15	-	99497378	99646030	588
ENSG0000(	6.930386	13.61233	-0.94422	0.12173	0.19116	CTD-2008A	chr15	-	45118569	45176892	1133
ENSG0000(	0.923144	4.407421	-1.8055	0.18757	0.27359	RP11-26F2	chr15	-	23128188	23145997	1064
ENSG0000(	1.306762	2.010288	-0.5113	0.69939	0.77615	RP11-39M:	chr15	+	61473448	61488137	476
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	RP11-930C	chr14	-	56770208	56777479	517
ENSG0000(	15.80975	20.07454	-0.34104	0.46848	0.5732	RP11-323F	chr15	-	57151866	57210697	3017
ENSG0000(	0.705622	34.35133	-5.2364	1.31E-08	5.51E-08	CTD-2147F	chr15	+	97839111	97975324	565
ENSG0000(	1.338465	4.694699	-1.6064	0.15706	0.23618	RP11-154J:	chr15	-	48604550	48624053	752
ENSG0000(	19.96989	35.96416	-0.8306	0.070346	0.11969	MRPL46	chr15	-	89002707	89010650	5561
ENSG0000(	3.454517	23.09243	-2.5935	0.000238	0.000647	RP11-210N	chr15	-	80637195	80695917	436
ENSG0000(	202.1408	39.92982	2.3272	2.02E-19	1.65E-18	RP11-244F	chr15	-	63338233	63341586	3354
ENSG0000(	2.665765	2.041842	0.3471	0.76272	0.82784	RP11-616K	chr15	-	44679518	44682649	655
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-467N	chr15	+	22646603	22647417	699
ENSG0000(	0.342542	0.686276	-0.48412	0.78604	NA	RP11-643G	chr14	+	68077703	68080581	619

ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-352D	chr15	+	69571014	69587661	561
ENSG0000(	3.185568	0.686276	1.6644	0.27627	0.37651	RP11-182J	chr15	+	84841242	84850986	499
ENSG0000(	2.354926	1.073121	0.93505	0.50958	0.61297	HNRNPA1P	chr15	+	67920190	67921473	966
ENSG0000(	1.628766	0.297015	1.6275	0.30182	0.40306	RP11-685G	chr15	-	76631950	76634404	758
ENSG0000(	4.947913	1.888903	1.2311	0.2315	0.32499	RP11-365N	chr14	+	1.03E+08	1.03E+08	828
ENSG0000(	1.306762	2.087966	-0.52469	0.71447	0.7884	ANP32AP1	chr15	+	35474000	35530398	1074
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-324D	chr16	-	54279456	54304658	538
ENSG0000(	8.124107	0	4.5946	0.000466	0.001217	RP11-597K	chr15	+	82380935	82390035	2568
ENSG0000(	0.975385	0.594029	0.4404	0.79523	NA	RP11-519G	chr15	+	45462542	45492156	292
ENSG0000(	4.314256	3.501809	0.3013	0.78886	0.8492	CTD-2651B	chr15	-	45543884	45571449	630
ENSG0000(	1.286224	2.024857	-0.52347	0.69904	0.77588	RP11-540C	chr15	+	41309005	41320091	444
ENSG0000(	21.59947	2.324288	3.0767	2.05E-05	6.34E-05	RP11-680F	chr15	+	30114834	30116284	1451
ENSG0000(	10.75654	24.86062	-1.1465	0.099702	0.16105	RP11-330L	chr15	-	64982366	64995393	707
ENSG0000(	0.923144	0.343138	0.88162	0.61011	NA	LINC00052	chr15	+	88120160	88122917	1786
ENSG0000(	0.975385	2.278164	-1.0117	0.45048	0.55609	RP11-272D	chr15	-	73547675	73548450	531
ENSG0000(	5.995263	1.874334	1.4923	0.15854	0.23792	RNF31	chr14	+	24620427	24636611	4798
ENSG0000(	1.286224	3.679854	-1.3252	0.23943	0.33409	RP11-295H	chr15	-	49657321	49658882	1562
ENSG0000(	0	1.340997	-1.8899	0.26871	NA	RP11-138H	chr15	+	71041271	71046516	472
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-736N	chr14	+	1.04E+08	1.04E+08	515
ENSG0000(	0.72616	2.102535	-1.1286	0.47797	0.58232	RP11-111A	chr15	+	40780240	40850183	2242
ENSG0000(	0.975385	0	1.2767	0.47406	NA	RP13-262C	chr15	-	84967471	84976535	205
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-526I	chr15	+	1.01E+08	1.01E+08	632
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-778C	chr11	-	1.2E+08	1.2E+08	2128
ENSG0000(	3.652315	0	3.3699	0.02381	0.046182	RP11-522B	chr15	-	96936375	96948419	562
ENSG0000(	0.653381	2.367995	-1.4865	0.28785	0.38933	CTD-2034I	chr15	+	81719789	82047558	564
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-158N	chr15	-	86269346	86270458	569
ENSG0000(	0.653381	0.297015	0.51304	0.77085	NA	RP11-325E	chr15	-	49469807	49470938	598
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	CYCSP2	chr15	+	41401076	41401376	301
ENSG0000(	0.290301	0.640152	-0.50256	0.77558	NA	RP11-38G5	chr15	-	80124808	80125896	539
ENSG0000(	1.068702	0	1.3672	0.44297	NA	RP11-182J	chr15	+	85043609	85045612	546
ENSG0000(	0.342542	3.945314	-2.8194	0.041375	0.075474	AC140725.	chr15	-	1.03E+08	1.03E+08	712
ENSG0000(	0	3.039702	-3.1087	0.041329	0.075412	RP11-335K	chr15	+	78918237	78920535	1980
ENSG0000(	21.90012	33.7289	-0.60447	0.16163	0.24185	RP11-56B1	chr15	-	52211270	52222824	1041
ENSG0000(	15.79777	12.45824	0.34584	0.5639	0.66199	RP11-762H	chr15	-	78582869	78583563	695
ENSG0000(	3.713929	4.943174	-0.40106	0.64665	0.73297	CTD-2329K	chr15	-	44808848	44809681	498
ENSG0000(	0.632843	0	0.81931	0.64303	NA	RP11-16B9	chr15	+	62126951	62144351	399
ENSG0000(	0.36308	0.715414	-0.51558	0.77246	NA	DNM1P38	chr15	-	82816060	82818549	415
ENSG0000(	0.685084	0.297015	0.4735	0.79064	NA	RP11-671N	chr15	+	84949210	84950212	389
ENSG0000(	1.161205	0	1.2509	0.47995	NA	BLID	chr11	-	1.22E+08	1.22E+08	862
ENSG0000(	4.439275	0.297015	2.9972	0.029726	0.056318	RP11-39M2	chr15	+	61504112	61506430	481
ENSG0000(	2.883288	10.35899	-1.7304	0.034702	0.064649	RP11-430B	chr15	+	52472290	52498071	1972
ENSG0000(	2.302685	4.516653	-0.85863	0.42483	0.5302	TYRO3P	chr15	-	76551327	76554031	2705
ENSG0000(	40.00816	3.183777	3.505	1.11E-08	4.69E-08	RP11-66B2	chr15	-	1.01E+08	1.01E+08	3213
ENSG0000(	0.870904	1.652581	-0.66289	0.65825	0.74249	RP11-521C	chr15	-	40367405	40370905	864
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-150L	chr15	-	35590450	35591641	1192
ENSG0000(	0	1.713273	-2.2094	0.18675	NA	RP11-463I	chr15	+	35300670	35303383	468
ENSG0000(	0.923144	0	1.223	0.49292	NA	RP11-20G1	chr15	-	99935384	99936798	323
ENSG0000(	0.870904	0.686276	0.21904	0.90128	NA	RP11-554D	chr15	+	61056105	61057824	806
ENSG0000(	1.317927	7.028723	-2.1627	0.043982	0.079543	PRELID1P4	chr15	-	35413774	35414285	512
ENSG0000(	0.923144	5.401249	-2.1868	0.063172	0.10912	CTD-2034I	chr15	+	81846344	81989121	684
ENSG0000(	1.628766	1.606458	0.009937	0.99402	0.99669	RP11-516C	chr15	-	44694883	44719342	625
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-275I	chr15	+	38816271	38826856	553
ENSG0000(	12.1686	4.89705	1.2566	0.062515	0.10812	CTD-2647L	chr8	+	28910034	28911276	307
ENSG0000(	47.23308	63.00365	-0.4194	0.17091	0.25326	AC074212.	chr19	+	46268043	46273064	1420
ENSG0000(	9.098679	1.248751	2.5568	0.013019	0.026721	YLPM1	chr14	+	75283941	75322378	696
ENSG0000(	2.085163	0.937167	0.89024	0.52421	0.62641	RP11-499F	chr15	-	81926228	81934531	476
ENSG0000(	2.718006	0	2.9226	0.060365	0.10495	RP11-522B	chr15	-	96931443	96932285	843
ENSG0000(	0.290301	2.058828	-1.609	0.35461	0.45882	RP11-429B	chr15	-	90122996	90125528	459
ENSG0000(	0.342542	1.638012	-1.6301	0.29933	0.40091	RP11-540C	chr15	+	41291472	41297063	500
ENSG0000(	0.290301	2.38498	-2.1058	0.1664	0.24762	RP11-562A	chr15	-	50786215	50789277	297
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-654A	chr15	-	99423888	99436764	263
ENSG0000(	81.72405	111.9424	-0.44962	0.044462	0.080278	RP11-156E	chr17	-	40004770	40007699	2930
ENSG0000(	0.290301	1.713273	-1.665	0.29391	0.39595	CTD-2262B	chr15	+	85958459	85958864	406
ENSG0000(	1.048164	0	1.348	0.44949	NA	RP11-557C	chr8	-	1.24E+08	1.24E+08	326
ENSG0000(	0.290301	0.654722	-0.51764	0.76892	NA	RP11-56B1	chr15	-	52151382	52153490	1800

ENSG0000(	4.822893	37.21211	-2.8493	4.63E-07	1.70E-06	AC100830.	chr15	+	64993447	65011801	1609
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-184D	chr15	-	36231368	36544458	701
ENSG0000(	0.923144	0.297015	0.87478	0.61377	NA	RP6-33F8.1	chrX	-	83755033	83757461	475
ENSG0000(	14.51497	9.304472	0.61297	0.36722	0.47183	C15orf37	chr15	+	80215113	80217194	2082
ENSG0000(	6.349784	4.380699	0.5086	0.53924	0.63983	RP11-680F	chr15	-	30020390	30021735	1346
ENSG0000(	0	1.058552	-1.361	0.4451	NA	RP11-253N	chr15	+	69683531	69684488	694
ENSG0000(	0.943682	0.594029	0.4146	0.80719	NA	RP11-351N	chr15	-	81188532	81202118	638
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-272D	chr15	+	73627601	73634728	341
ENSG0000(	0.342542	1.684135	-1.6365	0.30118	0.40267	RP11-797A	chr15	+	77336022	77337502	264
ENSG0000(	1.390706	0.343138	1.2873	0.44716	NA	RP11-245C	chr15	+	85229115	85230177	487
ENSG0000(	1.722083	0.891044	0.67478	0.65587	0.74063	RP11-325E	chr15	+	49393988	49395461	743
ENSG0000(	10.50894	5.384264	0.88765	0.26063	0.35863	PIGHP1	chr15	+	59968956	59969520	565
ENSG0000(	20.6747	14.75755	0.46665	0.45584	0.5611	RP11-89K1	chr15	-	1.02E+08	1.02E+08	625
ENSG0000(	12.03323	10.32415	0.21053	0.7387	0.80733	RP11-151N	chr15	+	44850027	44851386	653
ENSG0000(	2.810509	1.280305	0.96074	0.45297	0.55841	DNM1P47	chr15	+	1.02E+08	1.02E+08	15043
ENSG0000(	1.359003	1.043983	0.31069	0.82982	0.88011	CTD-2314G	chr5	-	50668570	50679166	6762
ENSG0000(	0	5.079128	-3.8741	0.006223	0.01361	CTD-2147F	chr15	-	97913601	97971182	1357
ENSG0000(	0	3.777806	-3.4072	0.023088	0.044955	RP11-323I1	chr15	+	35373345	35373714	370
ENSG0000(	0	1.782087	-1.7295	0.3322	NA	RP11-307C	chr15	+	77934106	77943997	1720
ENSG0000(	7.813268	2.947455	1.2998	0.13934	0.21307	RP11-707P	chr15	+	51749483	51752779	1053
ENSG0000(	23.71373	15.90593	0.55283	0.3792	0.48329	IQCH-AS1	chr15	-	67695957	67814182	5753
ENSG0000(	0.632843	0	0.81931	0.64303	NA	RP11-356N	chr15	-	59699162	59700353	802
ENSG0000(	17.19108	0.357707	4.887	2.11E-05	6.50E-05	RP11-343B	chr15	-	89340644	89341965	571
ENSG0000(	2.209369	1.355566	0.63473	0.60977	0.7025	RP11-493E	chr15	+	90419772	90420517	746
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-707P	chr15	+	51706294	51791030	560
ENSG0000(	2.261609	1.294874	0.6887	0.57684	0.67356	RP11-702L	chr15	+	64762452	64763563	391
ENSG0000(	3.319146	0.297015	2.5516	0.080676	0.1345	RP11-182J	chr15	+	84944427	84950601	970
ENSG0000(	10.50992	6.970447	0.57366	0.39434	0.49882	RP11-120K	chr15	+	50849798	50852697	606
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	CTD-2315E	chr15	+	90645881	90676674	352
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-250G	chr15	+	33304320	33305269	950
ENSG0000(	1.45232	3.24447	-0.99989	0.45667	0.56192	RP11-293N	chr14	+	75761107	75763341	715
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-139F	chr15	+	35688422	35688645	224
ENSG0000(	2.085163	9.009873	-1.9949	0.029308	0.055609	ABCB10P1	chr15	-	22691016	22693200	2185
ENSG0000(	0	3.259039	-3.1766	0.038239	0.070534	CTD-3118D	chr15	-	29665806	29669160	3355
ENSG0000(	0	1.370136	-1.6825	0.34201	NA	FKBP1AP2	chr15	-	73435577	73435859	283
ENSG0000(	1.628766	11.28804	-2.6043	0.00253	0.005895	RP11-499F	chr15	-	81952823	82163466	569
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-126F	chr15	-	31745404	31746342	939
ENSG0000(	1.338465	0.343138	1.368	0.39684	NA	HMGB1P8	chr15	-	89678778	89679726	949
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-485C	chr15	+	49102898	49104106	1198
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-108K	chr15	-	51571124	51572212	363
ENSG0000(	0	3.06884	-3.0961	0.043807	0.079295	CTD-3094K	chr15	+	91382954	91384608	402
ENSG0000(	14.81464	1.874334	2.7474	0.001235	0.003019	RP11-227D	chr15	+	48938148	48944213	1943
ENSG0000(	1.597063	2.073397	-0.28127	0.84566	0.89172	HSP90B2P	chr15	+	99797837	99800220	2384
ENSG0000(	0	1.029414	-1.1526	0.51496	NA	RP11-752G	chr15	-	83360475	83361110	636
ENSG0000(	4.637074	2.292733	0.92788	0.33265	0.43595	CTD-2184D	chr15	+	52416758	52432443	895
ENSG0000(	0.632843	0.357707	0.4993	0.77637	NA	RP11-150L	chr15	+	35574797	35575181	385
ENSG0000(	3.76617	3.976869	-0.09016	0.92299	0.94822	CTD-2184D	chr15	-	52348872	52392720	635
ENSG0000(	0.36308	1.387121	-1.2869	0.44679	NA	RP11-429B	chr15	+	90061754	90135187	501
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	LINC00594	chr15	+	40664026	40664677	401
ENSG0000(	11.90919	40.19448	-1.691	0.006701	0.014549	CTD-3110H	chr15	-	50651647	50652391	612
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP5-977B1	chr20	-	35177530	35232932	714
ENSG0000(	0.870904	1.577319	-0.58719	0.7152	0.78899	LINC00677	chr14	-	1.04E+08	1.04E+08	486
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-930C	chr14	+	56777598	56811719	573
ENSG0000(	49.8356	0	7.2175	7.03E-11	3.53E-10	RP11-758N	chr15	-	33009471	33011208	1738
ENSG0000(	0.342542	0.997859	-1.0273	0.53559	NA	RP11-94P1	chr15	+	77496920	77497442	245
ENSG0000(	2.023549	6.076987	-1.4527	0.15038	0.22758	RP5-823G1	chr20	-	52069597	52120853	542
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CTD-2643K	chr15	-	94448634	94651167	3173
ENSG0000(	0.290301	0	0.4146	0.81455	NA	CTD-3032H	chr16	-	54971698	54972583	557
ENSG0000(	42.31443	21.38486	0.9643	0.026487	0.050824	RP11-671N	chr15	+	84855504	84866136	4910
ENSG0000(	8.141226	0.343138	3.7797	0.003699	0.008401	RP11-1069	chr15	+	63188011	63191742	1225
ENSG0000(	0.923144	0.98329	-0.04766	0.97585	0.9865	RP11-182J	chr15	+	85113880	85123406	2606
ENSG0000(	1.701545	0.700845	1.0292	0.47721	0.58171	RP5-977B1	chr20	-	35141012	35154533	593
ENSG0000(	9.648392	2.993578	1.6029	0.040483	0.074125	RP11-59H7	chr15	+	59413233	59425449	633
ENSG0000(	1.213446	0.686276	0.58081	0.72779	NA	RP11-356N	chr15	-	59640847	59652088	497
ENSG0000(	7.086295	8.96375	-0.31125	0.70142	0.77779	RP11-387D	chr15	-	91163239	91260372	657

ENSG0000(	0.290301	1.326428	-1.262	0.45814	NA	RP11-315C	chr15	-	46391391	46392590	800
ENSG0000(	0.995923	3.054271	-1.392	0.25296	0.34982	RP11-138H	chr15	-	71141222	71142109	755
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-809H	chr15	+	69314569	69316516	1948
ENSG0000(	1.233984	1.294874	-0.03877	0.97823	0.98789	CTD-3065B	chr15	+	91177957	91178265	309
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-356M	chr15	-	59693420	59694203	784
ENSG0000(	1.068702	1.713273	-0.5685	0.68809	0.76744	RP11-83J1(	chr15	-	35141338	35142596	1259
ENSG0000(	1.265686	2.840639	-0.98243	0.4428	0.54853	FKSG62	chr15	-	47425693	47426320	628
ENSG0000(	0.943682	1.355566	-0.38497	0.79038	0.85061	RP11-505E	chr15	-	1.02E+08	1.02E+08	720
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-625H	chr15	-	62975115	62982647	577
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-129I:	chr5	-	2736776	2737873	688
ENSG0000(	1332.406	2283.719	-0.77721	1.25E-12	7.04E-12	CTA-204B4	chr8	-	1.42E+08	1.42E+08	9346
ENSG0000(	1.742621	0	1.9826	0.25789	NA	RP11-20G1	chr15	-	99936818	99941520	198
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-138H	chr15	+	87585285	87590392	509
ENSG0000(	2.407167	4.181636	-0.75818	0.45709	0.56241	RP11-158M	chr15	-	86293567	86296132	494
ENSG0000(	4.047098	0	3.4698	0.020597	0.040509	RP11-327J	chr15	+	96779014	96779932	447
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-299G	chr15	+	1.02E+08	1.02E+08	639
ENSG0000(	4.700479	4.22776	0.12734	0.88745	0.92143	RP11-90B9	chr15	-	83690988	83693088	454
ENSG0000(	7.356872	15.23906	-1.0192	0.14599	0.22177	RP5-991G2	chr16	+	72699069	72821143	462
ENSG0000(	1.555988	1.713273	-0.08009	0.95257	0.97041	RP11-429D	chr15	-	59558919	59563361	448
ENSG0000(	0	5.359157	-3.6368	0.020692	0.040677	RP11-16E1	chr15	-	31514202	31523041	954
ENSG0000(	0.36308	0.700845	-0.575	0.7429	NA	RP11-182J	chr15	+	84977316	84980581	1212
ENSG0000(	5.000153	1.920457	1.2238	0.2456	0.3414	RP11-45P1	chr14	-	1.04E+08	1.04E+08	694
ENSG0000(	369.4008	428.9091	-0.21344	0.31771	0.42047	RP11-673C	chr15	-	71457109	71457754	646
ENSG0000(	2.366091	0.297015	2.0628	0.18261	0.26753	CTD-2270L	chr16	-	23457791	23458603	813
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-1006	chr15	-	72900828	72929260	439
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP13-98N2	chr15	+	82590891	82626963	5002
ENSG0000(	1.068702	0	1.3672	0.44297	NA	CTB-85P21	chr5	+	1.44E+08	1.44E+08	3379
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-359K	chr1	-	1.63E+08	1.63E+08	1082
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	ANP32BP1	chr15	-	75613738	75615034	1297
ENSG0000(	4.148974	2.529055	0.63927	0.52864	0.63026	RP11-114H	chr15	+	78285747	78287631	483
ENSG0000(	0.580602	2.041842	-1.3263	0.37412	0.47837	RP11-400M	chr2	-	2.34E+08	2.34E+08	2285
ENSG0000(	0.36308	7.702846	-3.7453	0.003178	0.007299	RP11-355I:	chr14	+	62577593	62579268	1676
ENSG0000(	8.208051	4.646159	0.76343	0.36249	0.46665	RP11-96D1	chr16	+	68350704	68352939	428
ENSG0000(	0	1.684135	-2.1921	0.19067	NA	RP11-23E1	chr16	+	71147255	71147903	483
ENSG0000(	7.06657	12.30376	-0.75157	0.41065	0.51547	RP11-554A	chr11	+	68923378	68927220	573
ENSG0000(	18.26834	41.13083	-1.1554	0.003497	0.007979	CTD-2256P	chr5	-	10352813	10353713	901
ENSG0000(	0.705622	81.98492	-6.4405	1.95E-13	1.15E-12	SLC22A31	chr16	-	89262406	89268072	1672
ENSG0000(	5.623624	7.313585	-0.36025	0.64006	0.72726	CTD-2012K	chr16	-	67595314	67596212	899
ENSG0000(	82.23269	41.60979	0.98359	0.001161	0.002853	CTD-2196E	chr16	+	23683453	23686820	372
ENSG0000(	68.84469	0	7.6473	3.37E-12	1.84E-11	RP11-426C	chr16	-	29228491	29231352	2099
ENSG0000(	0.72616	0.357707	0.52227	0.76959	NA	AC002519.	chr16	+	31799523	31801961	2439
ENSG0000(	2.064625	0	2.4902	0.12625	0.19686	RP11-863P	chr16	-	88211655	88212547	756
ENSG0000(	0	5.407697	-3.9989	0.00387	0.008761	RP11-5N23	chr10	+	6628186	6628882	697
ENSG0000(	0.580602	0.686276	-0.10523	0.9528	NA	RP11-300A	chr15	-	29901880	29903416	1537
ENSG0000(	1.016461	0	1.3167	0.46021	NA	RP11-565M	chr1	-	2.09E+08	2.09E+08	285
ENSG0000(	1.628766	1.043983	0.54608	0.69636	0.77366	RP5-1024G	chr1	+	53686335	53689925	3591
ENSG0000(	18.17845	61.65211	-1.746	5.79E-05	0.00017	AC083843.	chr8	-	1.36E+08	1.36E+08	6253
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-169E	chr16	+	47038424	47069296	744
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-1292	chr16	+	32290187	32290436	250
ENSG0000(	6.306916	9.972147	-0.64743	0.36745	0.47206	RP11-467D	chr7	-	39987121	39989354	2234
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-63E9	chr6	+	1.42E+08	1.42E+08	3996
ENSG0000(	0	2.606733	-2.6037	0.12251	0.19218	LINC00567	chr13	-	1.11E+08	1.11E+08	3409
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-23E1	chr16	+	71114769	71127570	586
ENSG0000(	0	6.16037	-4.1471	0.002907	0.006713	RP11-284M	chr1	-	1.11E+08	1.11E+08	3481
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	TCEB1P2	chr15	+	41849225	41849633	332
ENSG0000(	1.846289	0.594029	1.1406	0.47787	0.58224	LA16c-380.	chr16	-	760746	761277	446
ENSG0000(	6.318081	15.56118	-1.2673	0.062888	0.10869	HERC2P10	chr15	+	31107474	31136356	2393
ENSG0000(	1.317927	0	1.6383	0.35541	NA	RP11-467L	chr16	+	64398684	64634150	548
ENSG0000(	1.265686	0.654722	0.70633	0.65335	0.73847	RP11-95H3	chr16	-	65175659	65210616	750
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	AC097374.	chr2	-	95533231	95613086	6624
ENSG0000(	5.612459	3.899191	0.48362	0.56817	0.66559	RAB43P1	chr16	-	46660316	46660904	589
ENSG0000(	1.628766	0	2.1781	0.19145	NA	RP11-439I:	chr16	+	64769828	64770707	456
ENSG0000(	258.0183	6.093973	5.3684	9.12E-44	1.77E-42	SH3RF3-AS	chr2	-	1.1E+08	1.1E+08	1604
ENSG0000(	61.51952	62.81666	-0.03574	0.89968	0.93053	RP11-488L	chr1	-	2.47E+08	2.47E+08	1246
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-177M	chr16	-	47595218	47596391	1174

ENSG0000(	1.027626	0	1.1491	0.51623	NA	RP11-525K	chr16	-	80188950	80597032	1476
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	AL022344.	chr10	-	43246626	43247593	968
ENSG0000(	0.943682	0.343138	0.89828	0.6031	NA	CTD-3037G	chr16	-	12650210	12651551	563
ENSG0000(	30.04379	27.93603	0.095195	0.80854	0.86493	RP11-46C2	chr16	-	89281638	89284061	2424
ENSG0000(	0.290301	1.949596	-1.8654	0.22752	0.32056	RP11-830F	chr16	+	88947446	88953544	2566
ENSG0000(	8.931605	1.029414	2.8072	0.009775	0.020584	CTD-2382E	chr15	+	42213615	42221081	771
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-1100	chr12	-	52452243	52453287	687
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	U82695.1(	chrX	+	1.53E+08	1.53E+08	2725
ENSG0000(	10.58091	5.62945	0.8755	0.19351	0.28099	RP11-923I	chr12	+	52242007	52246513	427
ENSG0000(	0	5.702295	-3.9481	0.006566	0.014282	CTD-2540N	chr16	+	24621587	24652278	293
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-932C	chr15	-	30860025	30863292	508
ENSG0000(	55.43771	38.79681	0.50335	0.11133	0.17692	CTA-204B4	chr8	-	1.42E+08	1.42E+08	2231
ENSG0000(	0.580602	0.297015	0.36801	0.83644	NA	RP11-1H8.4	chr15	+	34848071	34849021	951
ENSG0000(	2.665765	2.087966	0.31617	0.79939	0.85793	RP11-697E	chr15	+	90788645	90789043	399
ENSG0000(	5.923298	7.413953	-0.31638	0.6912	0.76974	RP11-715J	chr16	-	2514951	2518214	3264
ENSG0000(	0.705622	0	0.8807	0.6196	NA	CTD-3037G	chr16	-	12654613	12704901	698
ENSG0000(	65.49222	33.88922	0.94264	0.002277	0.005339	RP5-991G2	chr16	+	72823142	72825522	2381
ENSG0000(	2.520208	1.744828	0.48568	0.70221	0.77846	RP11-602N	chr15	-	34665742	34666804	1063
ENSG0000(	0	7.451955	-4.4441	0.000953	0.002372	PWRN1	chr15	+	24738284	24897277	1443
ENSG0000(	0	2.367995	-2.6905	0.093451	0.15263	RP11-1006	chr15	+	72931162	72932466	382
ENSG0000(	0	3.010564	-3.0207	0.053991	0.095102	RP11-616N	chr16	-	1209548	1210176	476
ENSG0000(	1.265686	2.979009	-1.0437	0.39303	0.49747	RP11-410E	chr2	-	1.87E+08	1.87E+08	2202
ENSG0000(	12.89476	22.27503	-0.78076	0.102	0.16407	RP11-1H8..	chr15	-	34781203	34782772	1570
ENSG0000(	0.705622	0.343138	0.57395	0.74355	NA	RP11-637I8	chr16	-	47632565	47632907	343
ENSG0000(	1.359003	1.387121	-0.01892	0.98935	0.99424	RP11-2E11	chr7	-	1.3E+08	1.3E+08	2902
ENSG0000(	2.665765	0.937167	1.2227	0.35461	0.45882	AC022819.	chr15	-	99697436	99701345	3910
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-322D	chr16	-	57046983	57048012	1030
ENSG0000(	0.975385	0.357707	0.92752	0.59066	NA	RP11-16E2	chr15	-	66063514	66064477	964
ENSG0000(	2.843026	2.010288	0.41109	0.74272	0.81095	RP11-44F1	chr16	+	53482660	53483502	706
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-218N	chr17	-	28891075	28892594	1520
ENSG0000(	0.632843	1.387121	-0.79676	0.61465	0.70643	CTD-2323K	chr15	-	75805111	75805381	271
ENSG0000(	4.00423	0.654722	2.2059	0.079381	0.13262	RP11-304L	chr16	+	2141437	2145426	600
ENSG0000(	0	3.056687	-2.9811	0.061557	0.10667	RP11-438D	chr12	-	33557810	33558831	1022
ENSG0000(	1.359003	0	1.8987	0.26617	NA	CTD-3203P	chr16	-	27224631	27226314	1684
ENSG0000(	0	1.531196	-1.8455	0.29475	NA	RP11-292F	chr10	+	47656084	47657233	1150
ENSG0000(	59.88897	64.38519	-0.10898	0.74951	0.81674	RP1-39G22	chr1	-	40722099	40723639	1541
ENSG0000(	11.80633	0	5.1671	3.11E-05	9.41E-05	RP11-490G	chr1	-	98432561	98434370	1810
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-170L	chr16	-	31905863	31906304	442
ENSG0000(	48.98263	23.12969	1.0646	0.006419	0.014001	RP11-4O1..	chr9	-	1.15E+08	1.15E+08	4488
ENSG0000(	0.342542	0.594029	-0.38792	0.8278	NA	IL21R-AS1	chr16	-	27458990	27464714	2615
ENSG0000(	73.00981	163.3658	-1.1571	1.94E-08	8.02E-08	RP11-121C	chr4	-	47842139	47846356	4218
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	RP11-673C	chr15	-	71439989	71481381	823
ENSG0000(	0.290301	1.073121	-0.88899	0.61676	NA	RP11-2E17	chr15	+	80458265	80459322	556
ENSG0000(	96.97969	10.14852	3.2342	1.57E-15	1.06E-14	RP11-999E	chr14	-	58460263	58461243	981
ENSG0000(	20.26875	10.91818	0.87896	0.10571	0.16923	AC009120.	chr16	-	74339100	74369244	679
ENSG0000(	0	6.860342	-4.1204	0.005144	0.011435	LINC00261	chr20	-	22541191	22559280	4912
ENSG0000(	26.82652	2.428687	3.3582	2.97E-06	1.01E-05	RP11-553L	chr3	-	1.14E+08	1.14E+08	1679
ENSG0000(	8.993219	0.343138	3.9378	0.001867	0.004437	AL121578.	chrX	+	37765400	37808658	710
ENSG0000(	0.995923	1.744828	-0.63617	0.65342	0.73848	MRPS21P8	chr16	+	49798365	49798599	235
ENSG0000(	5.052394	0.594029	2.5302	0.044462	0.080278	CDC37P1	chr16	-	28711615	28712861	959
ENSG0000(	0	1.744828	-2.0203	0.24683	NA	RP11-335G	chr1	-	25662920	25663956	459
ENSG0000(	18.91912	32.93748	-0.77695	0.073248	0.12392	RP11-549B	chr18	+	29265618	29266786	1169
ENSG0000(	2.551911	3.930745	-0.55729	0.57444	0.67152	RP11-382A	chr15	+	83847934	84108197	418
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	CTD-2522B	chr16	-	33943723	33944473	751
ENSG0000(	1.555988	1.355566	0.19452	0.88733	0.92135	RP11-261B	chr15	+	30515220	30517767	2548
ENSG0000(	34.949	32.44302	0.10961	0.77445	0.83779	RP11-305E	chr10	-	30591755	30594995	3241
ENSG0000(	1.608228	0.997859	0.56388	0.69104	0.76968	RP11-252K	chr16	-	75355788	75358946	427
ENSG0000(	23.372	26.57248	-0.19385	0.7063	0.78175	RP3-467N1	chr6	+	1.01E+08	1.01E+08	1517
ENSG0000(	6.637479	31.06805	-2.125	0.001617	0.003879	TGFBR3L	chr19	+	7981030	7983982	1260
ENSG0000(	4.668776	10.87205	-1.1772	0.10056	0.16227	AC027601.	chr17	+	79202507	79207783	4506
ENSG0000(	48.42338	40.03086	0.27378	0.46763	0.57244	RP11-469N	chr2	+	2.02E+08	2.02E+08	2666
ENSG0000(	3.910914	3.085825	0.33351	0.73711	0.80625	RP11-732A	chr11	+	1.02E+08	1.02E+08	1957
ENSG0000(	1.306762	2.125225	-0.57128	0.69492	0.77231	RP13-20L1	chr17	-	80338986	80340566	360
ENSG0000(	0.923144	0.357707	0.88371	0.60898	NA	RP11-329J	chr16	+	47296652	47297411	760
ENSG0000(	0	16.49667	-5.6715	1.94E-06	6.76E-06	RP11-510N	chr16	-	71573737	71575728	409

ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	RP11-1035	chr16	+	18814405	18823503	361
ENSG0000(	9.824839	14.08255	-0.50573	0.38882	0.49303	RP11-505K	chr16	+	84150656	84151176	521
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-218F	chr17	-	26256574	26301249	1340
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-480I	chr1	-	2.03E+08	2.03E+08	592
ENSG0000(	3.382552	0	3.2551	0.030587	0.057696	LA16c-306	chr16	+	933780	935090	530
ENSG0000(	15.51945	36.36974	-1.2175	0.002966	0.006843	RP11-49C2	chr16	+	70610204	70611571	399
ENSG0000(	0.36308	1.920457	-1.7083	0.29495	0.39702	MRPS21P7	chr16	+	49741917	49742154	238
ENSG0000(	27.32416	44.4642	-0.68351	0.080844	0.13472	RP11-490M	chr2	-	36581892	36582257	366
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTD-2015G	chr16	-	86754294	86755560	506
ENSG0000(	89.94066	4.117655	3.5048	0.015007	0.030402	HOXB7	chr17	-	46684594	46724385	3929
ENSG0000(	2.976604	1.416259	0.88929	0.5238	0.62614	RP11-401P	chr16	-	50585735	50587851	1146
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	RP11-686F	chr12	+	54148142	54155888	429
ENSG0000(	8565.651	3830.43	1.1596	6.10E-25	6.35E-24	LINC00657	chr20	-	34633544	34638882	5339
ENSG0000(	1.359003	2.012704	-0.46954	0.73499	0.80443	CTC-527H2	chr16	+	48634087	48634555	469
ENSG0000(	17.84349	23.61764	-0.40474	0.39729	0.50176	RP11-266L	chr16	-	25151898	25160353	5666
ENSG0000(	1.71271	1.372552	0.20629	0.90383	0.93355	RP11-178D	chr15	-	55734833	55735555	723
ENSG0000(	2.044087	0	2.4801	0.12801	0.19906	CTD-2524L	chr15	+	72110737	72115725	630
ENSG0000(	5.382958	1.920457	1.3302	0.21386	0.30462	RP11-407G	chr16	+	57281262	57282404	358
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-454K	chr14	+	45838418	45840042	1625
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP3-404K8	chr6	+	22260653	22318027	341
ENSG0000(	5.084097	12.27133	-1.2389	0.070897	0.1205	LA16c-390	chr16	+	1501761	1502654	570
ENSG0000(	1.286224	2.010288	-0.53151	0.67377	0.75571	CTC-527H2	chr16	+	48671054	48672630	539
ENSG0000(	1.048164	1.355566	-0.30898	0.83074	0.88062	ABCB10P4	chr15	-	28751771	28753954	2184
ENSG0000(	393.5966	229.5564	0.7764	5.01E-08	2.00E-07	RP11-611L	chr7	+	6694495	6696063	1569
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-7O14	chr16	+	51796430	51807084	812
ENSG0000(	7.976758	14.77125	-0.8696	0.15975	0.23938	RP11-388M	chr16	+	31207452	31208284	833
ENSG0000(	10.25809	5.380975	0.8907	0.28071	0.38168	RP5-968P1	chr1	-	27018623	27020622	2000
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-18F1	chr16	-	80661448	80662276	829
ENSG0000(	141.3646	80.50617	0.81024	7.60E-05	0.00022	CTA-445C9	chr22	-	26917949	26921002	3054
ENSG0000(	0	3.899191	-3.4919	0.017349	0.034702	CTD-2587M	chr5	+	1725264	1728287	3024
ENSG0000(	0.653381	0	0.82678	0.64037	NA	RP11-439I	chr16	+	64772226	64772467	242
ENSG0000(	0.72616	0.640152	0.083249	0.96152	NA	RP11-182J	chr7	+	36359384	36360088	705
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-418I	chr16	+	9560512	9611421	796
ENSG0000(	0.342542	0	0.4146	0.81455	NA	NSFP1	chr17	+	44450221	44564507	1471
ENSG0000(	29.47272	81.3237	-1.4497	2.65E-05	8.09E-05	RP11-254F	chr2	-	10179219	10180790	1572
ENSG0000(	0.580602	0.357707	0.37639	0.83285	NA	RP11-44F1	chr16	-	53398894	53406995	3792
ENSG0000(	10.75915	13.63905	-0.32401	0.62554	0.71563	RP11-66N1	chrX	+	1.53E+08	1.53E+08	755
ENSG0000(	0.870904	0.594029	0.31055	0.86063	NA	RP11-2C24	chr16	-	30832389	30833431	600
ENSG0000(	5.414661	12.0577	-1.0967	0.10783	0.17212	MIR4519	chr16	+	30886543	30906541	1429
ENSG0000(	1.08924	2.321872	-0.83495	0.59179	0.68668	RP11-615I	chr16	-	68607685	68623415	547
ENSG0000(	10.00968	13.27489	-0.40405	0.54748	0.6475	RP11-42I1(	chr16	+	48657347	48778553	854
ENSG0000(	0.632843	4.006007	-2.2257	0.076731	0.12896	RP11-92G1	chr1	+	2.01E+08	2.01E+08	736
ENSG0000(	0.36308	1.591889	-1.5911	0.31534	0.41792	ADAM3B	chr16	-	49551673	49552512	840
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-292D	chr4	+	1.48E+08	1.48E+08	3654
ENSG0000(	4.491516	10.06601	-1.0849	0.17519	0.2584	RP11-33B1	chr4	+	1.2E+08	1.2E+08	901
ENSG0000(	1.161205	1.280305	-0.0789	0.96112	0.97695	RP11-1E4.1	chr8	-	9907995	9911764	3770
ENSG0000(	1.576526	7.532922	-2.0511	0.030702	0.057891	RP11-715J	chr16	-	2502582	2502978	397
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	DNM1P33	chr15	+	74355121	74356126	270
ENSG0000(	1.286224	1.652581	-0.2937	0.81996	0.87349	RP11-220I	chr9	-	37078810	37079773	964
ENSG0000(	4.512054	0.951736	1.9373	0.099876	0.16129	RP11-568M	chr2	-	64749321	64751227	1907
ENSG0000(	8.588249	14.09954	-0.67969	0.25999	0.35794	RP11-10O1	chr15	-	74770411	74782627	3385
ENSG0000(	0	3.556053	-3.3014	0.029657	0.056206	AOC4	chr17	+	41017939	41026386	2289
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTC-543D1	chr19	+	9628826	9630017	1192
ENSG0000(	35.64525	15.84437	1.1559	0.004441	0.009968	CTD-2574D	chr16	-	29930957	29933226	2270
ENSG0000(	2.572449	1.935026	0.36197	0.74751	0.8151	RP6-201G1	chrX	-	67233312	67234743	1432
ENSG0000(	11.78498	6.079404	0.93474	0.15999	0.23967	RP5-1142A	chr16	+	88785023	88786867	1845
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-923I	chr12	-	52203489	52204384	896
ENSG0000(	0.580602	3.319731	-1.947	0.16412	0.24487	RP11-326A	chr15	+	89584454	89626050	597
ENSG0000(	0.290301	16.78073	-4.7915	8.48E-05	0.000244	RP4-791K1	chr20	-	47980414	47984296	3883
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-14N9	chr16	+	16752084	16757992	674
ENSG0000(	0.580602	0	0.8036	0.6494	NA	ULK4P2	chr15	+	30864941	30892918	798
ENSG0000(	3.184754	0.640152	1.9003	0.15449	0.23282	LA16c-312	chr16	+	1458835	1462249	379
ENSG0000(	0.290301	0	0.4146	0.81455	NA	CA5AP1	chr16	-	29630106	29647649	576
ENSG0000(	3.382552	4.663145	-0.43881	0.63966	0.72707	CTD-2270L	chr16	+	23464079	23468927	730
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-258F	chr10	+	38080508	38080865	358

ENSG0000(	9.161106	0	4.7806	0.000204	0.000559	RP11-114H	chr15	+	78187026	78197016	4801
ENSG0000(	1.306762	0.297015	1.2542	0.45876	NA	RP11-764E	chr2	+	1.95E+08	1.95E+08	1028
ENSG0000(	2.718006	4.271467	-0.60821	0.55668	0.65578	RP11-361M	chr15	+	72897524	72904667	1194
ENSG0000(	3.04001	0	3.1035	0.041741	0.076064	RP11-322D	chr16	-	57086417	57092409	672
ENSG0000(	1.027626	0.594029	0.4306	0.80706	NA	RP11-407G	chr16	-	57125125	57126215	472
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-69H7	chr15	+	75406602	75407209	608
ENSG0000(	0.290301	1.234181	-1.1976	0.48275	NA	RP11-394B	chr16	+	70780960	70781829	551
ENSG0000(	1.286224	0	1.8436	0.2818	NA	RP11-483E	chr15	-	28699806	28702929	760
ENSG0000(	20.94348	9.713134	1.0932	0.037882	0.069939	CTC-471J1.	chr19	-	52561743	52566956	675
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	CTD-2588J	chr16	-	82154243	82155374	1132
ENSG0000(	0.290301	1.355566	-1.3811	0.39332	NA	RP11-521C	chr2	+	1.28E+08	1.28E+08	4476
ENSG0000(	2.334388	7.968307	-1.6684	0.052424	0.092688	CTD-2323K	chr15	+	75773002	75773177	176
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-863P	chr16	+	88120993	88121538	213
ENSG0000(	3.455331	14.89834	-2.0434	0.007304	0.015739	RP11-146F	chr16	+	30597228	30619914	482
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	RP11-95H1	chr2	-	2.08E+08	2.08E+08	1105
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-358M	chr15	+	57611336	57616106	772
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-124D	chr14	-	23744696	23768656	1906
ENSG0000(	10.40544	3.008147	1.7074	0.032188	0.060421	CTD-3126B	chr16	-	2694085	2695215	572
ENSG0000(	5.715148	10.99914	-0.90939	0.25564	0.35296	RP5-902P8	chr1	-	1185157	1186714	1558
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-616M	chr16	+	1307340	1308075	249
ENSG0000(	0.632843	2.307303	-1.4851	0.2859	0.38738	RP11-432I9	chr16	+	71688930	71698115	406
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	RP11-481J.	chr16	+	58455230	58496374	930
ENSG0000(	1.379541	0	1.686	0.34092	NA	RP11-439I:	chr16	+	64770691	64771183	493
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTA-331P3	chr6	+	1.11E+08	1.11E+08	1530
ENSG0000(	7.769587	2.338857	1.635	0.059533	0.10379	RP11-229P	chr9	-	1.4E+08	1.4E+08	820
ENSG0000(	3.22583	8.903057	-1.3743	0.086262	0.14254	RP11-83N9	chr9	-	1.39E+08	1.39E+08	1274
ENSG0000(	1.068702	1.248751	-0.20946	0.89196	0.92501	RP11-357M	chr16	-	54032225	54033881	739
ENSG0000(	106.6862	7.593614	3.7628	7.60E-22	6.96E-21	RP1-239B2	chr11	+	17402196	17405078	2883
ENSG0000(	12.14725	18.25204	-0.56454	0.30566	0.4072	RP11-424G	chrY	-	21853827	21856492	2666
ENSG0000(	0.290301	0.997859	-1.0217	0.53916	NA	RP11-441F	chr16	+	56334528	56336816	1777
ENSG0000(	0.580602	1.058552	-0.51948	0.75894	NA	CTD-2026K	chr15	+	75928480	75931580	572
ENSG0000(	0.36308	3.694423	-2.7206	0.051458	0.091219	RP11-680F	chr11	-	1.26E+08	1.26E+08	1080
ENSG0000(	5.446363	6.142512	-0.14286	0.87683	0.91429	RP13-395E	chr15	-	32605327	32607855	2529
ENSG0000(	4.584833	8.1528	-0.77377	0.34215	0.44603	RP11-303E	chr16	-	81050397	81069364	789
ENSG0000(	37.49056	3.677438	3.2647	3.43E-08	1.39E-07	GS1-465N1	chr7	+	19037466	19042039	4574
ENSG0000(	13.90103	25.22161	-0.83049	0.13198	0.20432	RP11-347C	chr16	+	30366762	30367848	415
ENSG0000(	1.753786	0	2.0221	0.24632	NA	RP11-483P	chr16	-	83823572	83841439	577
ENSG0000(	0.36308	1.995719	-1.8894	0.2148	0.3057	RP11-391L	chr16	-	81509628	81510124	497
ENSG0000(	16.15229	7.783813	1.0126	0.080963	0.1349	RP11-526J:	chr9	-	1.12E+08	1.12E+08	5646
ENSG0000(	26.01658	72.60439	-1.4544	0.000302	0.000808	RP4-659J6.	chr7	+	1.4E+08	1.4E+08	2380
ENSG0000(	27.22147	19.23694	0.49814	0.29762	0.39953	RP11-856B	chr11	-	65335953	65337894	1942
ENSG0000(	22.8839	8.028999	1.4803	0.006199	0.013564	RP11-708J	chr3	-	47420579	47422489	1911
ENSG0000(	5.838541	0	4.0156	0.005149	0.011447	RP11-588K	chr4	+	1.57E+08	1.57E+08	2615
ENSG0000(	3.019472	4.244745	-0.45852	0.65608	0.74084	SUB1P4	chr16	+	23548382	23548877	339
ENSG0000(	9.12003	11.63118	-0.35009	0.57177	0.66885	RP11-143K	chr17	+	71171622	71172772	1151
ENSG0000(	4.741555	2.932886	0.6222	0.50535	0.60876	RP11-401P	chr16	+	50700122	50705550	5214
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-46D6	chr16	+	46607675	46609006	733
ENSG0000(	0.290301	0.700845	-0.56655	0.74739	NA	RP11-384M	chr16	+	72118756	72121342	369
ENSG0000(	5.446363	2.117104	1.2545	0.25361	0.35058	RP4-676L2	chr8	-	29209937	29210687	751
ENSG0000(	0	4.395268	-3.6807	0.010138	0.021291	RP11-185C	chr16	-	25836031	25837651	1094
ENSG0000(	44.31386	92.98951	-1.0578	0.000132	0.000371	RP5-1085F	chr20	+	31444848	31446557	1710
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-467J	chr16	+	52976051	52977376	867
ENSG0000(	4.387848	4.853343	-0.15464	0.86609	0.90673	RP11-368I7	chr16	-	89749028	89752977	721
ENSG0000(	184.3578	404.8939	-1.1352	3.52E-11	1.80E-10	RP11-304L	chr16	-	2204798	2205359	342
ENSG0000(	10.24953	43.58624	-2.0582	7.94E-06	2.58E-05	RP11-480A	chr3	-	1.96E+08	1.96E+08	3508
ENSG0000(	0.995923	0.594029	0.48398	0.76518	NA	RP11-440L	chr4	-	830300	831012	713
ENSG0000(	7.488658	7.388847	0.028876	0.96889	0.98261	RP11-666M	chr18	-	18526867	18528428	1562
ENSG0000(	0	43.75932	-7.034	3.03E-10	1.45E-09	RP11-44F2	chr4	-	76006912	76009927	785
ENSG0000(	0.36308	50.48364	-6.3158	5.43E-09	2.35E-08	CTD-2311M	chr15	+	74643109	74656961	3337
ENSG0000(	84.15257	52.0135	0.68279	0.06172	0.10694	RP11-452L	chr16	-	31468032	31471057	3026
ENSG0000(	6.992	5.242605	0.38439	0.62839	0.71813	CTD-2323K	chr15	-	75819491	75893546	789
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP1-45N11	chr6	+	91054938	91072351	1431
ENSG0000(	2.032922	3.336716	-0.63987	0.58081	0.67732	RP11-425D	chr6	+	1.1E+08	1.1E+08	872
ENSG0000(	4.81352	2.263595	0.97325	0.36827	0.47292	RP11-817C	chr15	+	75660496	75661925	1430
ENSG0000(	34.43424	49.48994	-0.52643	0.17405	0.25701	RP11-77H9	chr16	+	8941962	8954274	2288

ENSG0000(	1.794862	0.937167	0.67331	0.65755	0.74208	RP11-101E	chr16	-	22094577	22103552	515
ENSG0000(	2.448243	6.035696	-1.202	0.25156	0.34832	RP11-109(	chr4	-	79694808	79697127	2320
ENSG0000(	53.04252	27.16396	0.95574	0.00334	0.007645	AC137932.	chr16	+	89363916	89364724	402
ENSG0000(	2.665765	2.589748	0.021716	0.98403	0.99093	RP11-329J	chr16	+	47178234	47196658	494
ENSG0000(	1.016461	0.594029	0.47076	0.78115	NA	RP11-265N	chr15	-	42873354	42873686	333
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	TPSP2	chr16	-	1336352	1338838	610
ENSG0000(	18.2452	46.49644	-1.3171	0.001966	0.004659	RP11-600F	chr14	-	1.04E+08	1.04E+08	4063
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP3-369A1	chr6	-	24797549	24799117	814
ENSG0000(	0.705622	0.951736	-0.34312	0.83184	NA	RP11-24M:	chr15	+	76030161	76055662	1597
ENSG0000(	3.713116	7.919767	-0.99182	0.2604	0.35838	CTD-2033A	chr16	-	69790439	69791840	1402
ENSG0000(	9.274147	3.322147	1.4051	0.074542	0.12583	RP11-715J:	chr16	+	2526559	2527062	504
ENSG0000(	28.44331	23.16682	0.30042	0.48188	0.58615	RP11-395I(	chr4	+	40168295	40169451	1157
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-429P	chr16	-	50092061	50093142	1082
ENSG0000(	2.894453	5.113098	-0.72944	0.46715	0.57199	RP11-505K	chr16	+	83941738	83985058	730
ENSG0000(	0	1.387121	-1.6961	0.33794	NA	NTRK3-AS1	chr15	+	88795961	88814297	2663
ENSG0000(	5.663886	2.027273	1.3485	0.21544	0.30648	RP11-645C	chr16	-	21805416	21807080	1665
ENSG0000(	1.576526	0.654722	0.99964	0.49628	0.60008	RP11-27M:	chr16	-	10670356	10672040	435
ENSG0000(	1.846289	1.294874	0.43718	0.7468	0.81448	LA16c-306/	chr16	-	950520	955224	3175
ENSG0000(	8.547987	0.640152	3.2826	0.002848	0.006589	RP11-48B3	chr8	+	81453535	81455339	1805
ENSG0000(	7.59314	2.543625	1.4451	0.10677	0.17067	COX6CP1	chr16	-	11997780	11997994	215
ENSG0000(	1.390706	0	1.6954	0.33813	NA	RP11-467J	chr16	+	52968725	52969547	823
ENSG0000(	9.348718	4.273883	1.0643	0.17394	0.25686	RP11-412D	chr12	-	1.07E+08	1.07E+08	1469
ENSG0000(	0.580602	2.027273	-1.3051	0.38962	0.49392	RP11-111J(	chr2	-	18728652	18729470	819
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	RP11-345J/	chr16	+	29460512	29460946	152
ENSG0000(	292.2879	185.9066	0.64714	0.006084	0.01333	RP11-395B	chr7	+	1.01E+08	1.01E+08	3921
ENSG0000(	0	4.634006	-3.6512	0.014076	0.028671	RP11-386N	chr15	-	93135809	93139692	3810
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	RP11-124K	chr16	-	5651170	5666197	732
ENSG0000(	0.342542	1.370136	-1.2729	0.45239	NA	HEXA-AS1	chr15	+	72668454	72671129	2676
ENSG0000(	30.30076	23.59414	0.35088	0.54042	0.64097	RP11-473I:	chr16	-	9199691	9201031	731
ENSG0000(	1.048164	0.594029	0.49568	0.76966	NA	RP11-152P	chr16	-	8941507	8942581	430
ENSG0000(	0.36308	1.012429	-0.95988	0.57711	NA	RP11-382A	chr15	+	83691323	83759534	499
ENSG0000(	0.290301	3.322147	-2.5887	0.071184	0.12086	CTD-2288F	chr16	+	18938185	18948365	463
ENSG0000(	17.04455	17.67902	-0.05495	0.90893	0.9374	RP11-436A	chr3	+	1.81E+08	1.81E+08	2312
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	DNM1P34	chr15	-	75592294	75595306	2276
ENSG0000(	105.5987	16.43356	2.6521	8.16E-14	4.94E-13	RP11-4F5.2	chr15	+	95024040	95027181	3142
ENSG0000(	1.161205	1.372552	-0.13042	0.93969	0.96044	RP11-533E	chr1	-	1.8E+08	1.8E+08	1257
ENSG0000(	2.790785	11.87878	-1.978	0.025842	0.049723	CTD-2313J	chr15	-	93322987	93324722	1736
ENSG0000(	0	433.8278	-10.049	2.83E-20	2.42E-19	RP11-297N	chr16	-	9760742	9770700	660
ENSG0000(	0	3.428963	-3.2154	0.036505	0.067636	RP11-256I9	chr16	+	65266959	65466723	781
ENSG0000(	2.31385	1.043983	0.97094	0.47209	0.57671	CTD-2639E	chr19	+	49429428	49429701	274
ENSG0000(	5.031856	2.993578	0.69327	0.44212	0.54794	RP11-264B	chr16	-	28986294	28990145	467
ENSG0000(	2.842212	0.686276	1.6611	0.24251	0.3378	RP11-521I2	chr8	-	1.02E+08	1.02E+08	1142
ENSG0000(	1.286224	6.497803	-2.0838	0.046423	0.083412	CTD-2526A	chr17	-	78427535	78428529	995
ENSG0000(	0	7.625169	-4.5475	0.000465	0.001213	AQP4-AS1	chr18	+	24235706	24770662	2392
ENSG0000(	1.068702	1.485073	-0.36872	0.82146	0.87444	CTD-2583P	chr16	+	12839730	12851692	786
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-429P	chr16	-	50134250	50155854	666
ENSG0000(	2.749709	0.654722	1.6699	0.22294	0.31533	RP11-540B	chr15	-	31174470	31175434	965
ENSG0000(	4.949705	12.55377	-1.2765	0.099128	0.16025	LINC00562	chr13	-	48504290	48506757	2468
ENSG0000(	0.290301	0	0.4146	0.81455	NA	WBP11P1	chr18	+	30091626	30094597	2972
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-575I8	chr9	+	27829274	27844479	2084
ENSG0000(	6.462824	0.343138	3.5116	0.00669	0.014532	RP11-71H1	chr3	+	1.24E+08	1.24E+08	2538
ENSG0000(	1.08924	0.343138	0.88459	0.61802	NA	RP11-1129	chr15	-	56835150	56921790	1495
ENSG0000(	1.359003	0.937167	0.38688	0.7894	0.84971	LA16c-313I	chr16	-	728504	729777	1220
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTD-2649C	chr16	+	22009631	22010977	934
ENSG0000(	10.24872	6.708276	0.57354	0.47779	0.58224	AC012065.	chr2	+	20877569	20879005	1437
ENSG0000(	3.350849	3.322147	0.00478	0.99609	0.99778	RP11-594N	chr8	+	79518187	79521940	3754
ENSG0000(	13.77504	125.0911	-3.1531	4.05E-21	3.59E-20	RP11-119F	chr10	+	70458257	70460551	2295
ENSG0000(	0	12.50765	-5.2833	1.45E-05	4.56E-05	RP11-800A	chr11	+	72950020	72953380	3361
ENSG0000(	0.342542	4.213191	-2.8952	0.036487	0.067618	RP11-616N	chr16	-	1206976	1207974	542
ENSG0000(	137.3306	158.3974	-0.20255	0.31711	0.41982	RP11-384K	chr4	+	1.2E+08	1.2E+08	4395
ENSG0000(	2.012384	1.888903	0.049018	0.96794	0.98191	RP11-403B	chr15	-	20935076	20961512	1602
ENSG0000(	2.209369	3.319731	-0.50285	0.64815	0.73416	RP11-505K	chr16	+	84152898	84154758	1015
ENSG0000(	0	5.361573	-3.9914	0.00392	0.008864	RP11-420N	chr16	+	5289803	6826015	1580
ENSG0000(	16.86729	12.84837	0.38026	0.46585	0.57062	RP11-438B	chr9	-	27937615	27944495	6881
ENSG0000(	100.412	49.80563	1.0049	0.001203	0.002947	RP11-923I:	chr12	+	52203789	52206648	2860

ENSG0000(	1.919068	6.102094	-1.5228	0.1187	0.18719	CTD-2542L	chr16	+	85625872	85629326	3455
ENSG0000(	0	10.42855	-4.9953	6.95E-05	0.000202	RP3-406A7	chr6	-	1.37E+08	1.37E+08	374
ENSG0000(	5.156062	0	3.8991	0.005851	0.012849	RP1-155D2	chr6	-	1.65E+08	1.65E+08	1639
ENSG0000(	0.685084	5.254758	-2.5206	0.044609	0.080508	RP13-735L	chr12	+	9520060	9550213	4388
ENSG0000(	6.556141	3.976869	0.68576	0.3915	0.49597	LA16c-316	chr16	-	1408901	1411406	435
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP5-912I13	chr7	+	1.55E+08	1.55E+08	1861
ENSG0000(	3.10081	0	3.0786	0.048272	0.086284	RP11-626G	chr16	+	19098178	19109432	841
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-382N	chr16	+	5257089	5257440	352
ENSG0000(	8.631931	20.34242	-1.2118	0.03275	0.06137	RP11-297N	chr16	-	9847272	9851895	4624
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-20I23	chr16	-	2621571	2622354	287
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-405F	chr16	+	57747694	57748869	811
ENSG0000(	8.538614	1.698704	2.1754	0.019924	0.03934	LA16c-366	chr16	+	971033	984495	1408
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	RP11-1096	chr18	+	59415409	59421928	3217
ENSG0000(	0.580602	1.652581	-1.0812	0.47855	0.58285	RP11-96D1	chr16	-	68290065	68294346	457
ENSG0000(	5.850519	23.99804	-1.9746	0.000581	0.001493	RP11-22P6	chr16	-	28890278	28891241	558
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	CTD-3057C	chr16	-	87978664	87978808	145
ENSG0000(	1.213446	0.343138	1.1732	0.4909	NA	RP11-304L	chr16	+	2169208	2170249	627
ENSG0000(	7.427045	6.581186	0.17392	0.80471	0.86193	RP11-449H	chr16	-	25096913	25122876	766
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	TPRKBP2	chr16	-	28122494	28122968	475
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-367F	chr9	+	93759336	93764153	1395
ENSG0000(	6.214413	17.24693	-1.4219	0.065344	0.11234	RP1-67M1	chr6	-	22135186	22147422	1940
ENSG0000(	14.34708	13.69571	0.052776	0.92078	0.94686	C16orf95	chr16	-	87117168	87351022	1650
ENSG0000(	0	44.32905	-7.05	2.83E-10	1.36E-09	FTLP14	chr16	+	68856490	68856973	484
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-284F	chr1	+	1.56E+08	1.56E+08	1828
ENSG0000(	36.02789	26.57725	0.43341	0.30387	0.40521	RP11-541N	chr10	-	1.06E+08	1.06E+08	2388
ENSG0000(	8.330465	2.027273	1.9018	0.038665	0.071217	RP4-561L2	chr1	+	94312730	94314495	1766
ENSG0000(	1.286224	1.355566	-0.04027	0.97597	0.9865	RP4-536B2	chr16	+	87870138	87871269	522
ENSG0000(	1.411244	0	1.7307	0.32696	NA	RP11-27M2	chr16	-	10608699	10622059	502
ENSG0000(	0	16.73299	-5.6918	1.76E-06	6.14E-06	RP11-8P11	chr15	+	74060555	74061978	519
ENSG0000(	1.794862	3.867637	-0.94248	0.48644	0.5904	RP11-834C	chr12	-	54538853	54541009	2157
ENSG0000(	6.681161	3.414394	0.90844	0.32555	0.42842	RP11-923I1	chr12	+	52217287	52229280	1027
ENSG0000(	2.613524	0.937167	1.1585	0.41627	0.52143	RP11-85A1	chr10	+	1.01E+08	1.01E+08	864
ENSG0000(	239.7727	99.86939	1.2567	3.61E-11	1.85E-10	CTD-2196E	chr16	+	23681332	23684448	2463
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-151H	chr15	+	75315321	75315597	277
ENSG0000(	0	1.545765	-1.8556	0.29195	NA	RP11-1081	chr8	-	54301261	54303432	2172
ENSG0000(	0.705622	1.531196	-0.87037	0.57758	0.67416	RP11-166B	chr16	-	12070708	12071707	601
ENSG0000(	1.576526	0.98329	0.55672	0.69492	0.77231	RP11-265N	chr15	+	42864125	42864631	507
ENSG0000(	0	2.82607	-2.9558	0.060048	0.10453	RP11-686F	chr12	-	54144231	54145619	581
ENSG0000(	0.923144	3.290593	-1.5313	0.21566	0.30671	RP11-219B	chr8	-	86084312	86089297	1264
ENSG0000(	0	1.638012	-2.1885	0.18912	NA	AC002310.	chr16	-	30548523	30549552	723
ENSG0000(	1.919068	10.8405	-2.325	0.005937	0.013024	RP11-55K1	chr16	-	81344336	81347028	2693
ENSG0000(	0.975385	0	1.2767	0.47406	NA	RP11-161N	chr16	-	1041148	1050926	984
ENSG0000(	0.290301	0.640152	-0.50256	0.77558	NA	RP4-536B2	chr16	-	87807094	87812980	575
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	RP11-70O5	chr16	+	69201007	69265033	366
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CTD-2524L	chr15	+	72109801	72110589	391
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-410C	chr1	+	2.21E+08	2.21E+08	2912
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-271N	chr13	-	25874262	25875576	1315
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	AC004381.	chr16	-	20754985	20777942	351
ENSG0000(	46.9198	4.449513	3.2818	1.97E-09	8.87E-09	RP13-259F	chr11	-	1.07E+08	1.07E+08	5329
ENSG0000(	1.681007	1.949596	-0.2004	0.87121	0.91007	CTD-2199C	chr5	-	10195233	10197740	2508
ENSG0000(	18.70339	0	5.8425	7.94E-07	2.86E-06	RP11-426C	chr16	+	29127448	29229181	580
ENSG0000(	1.016461	0	1.3167	0.46021	NA	RP11-293B	chr16	-	33489492	33500971	1178
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-109E	chr4	+	42659513	42659945	433
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTD-2576F	chr15	+	95398703	95400143	1441
ENSG0000(	1.161205	0	1.2509	0.47995	NA	RP11-483P	chr16	+	83831266	83834245	2980
ENSG0000(	5.726313	19.69743	-1.7489	0.003598	0.008194	RP11-73K9	chr4	-	1.13E+08	1.13E+08	2036
ENSG0000(	49.42452	116.9811	-1.245	1.32E-06	4.68E-06	FAM157C	chr16	+	90168679	90244752	2184
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	LA16c-381	chr16	+	1161627	1163399	1773
ENSG0000(	51.28532	9.955161	2.3078	2.86E-07	1.07E-06	RP11-1006	chr15	+	72882032	72884186	2155
ENSG0000(	4.273994	10.69642	-1.2625	0.079697	0.13304	RP5-1085F	chr20	-	31430934	31442063	459
ENSG0000(	880.1416	705.0711	0.31882	0.006236	0.013636	RP11-252A	chr16	-	74481325	74483790	2466
ENSG0000(	0.870904	0.594029	0.31055	0.86063	NA	LA16c-429	chr16	-	1891021	1893548	220
ENSG0000(	1.431782	2.635871	-0.78939	0.53336	0.63427	CTB-134F1	chr16	+	58150789	58153257	415
ENSG0000(	10.15703	3.008147	1.6589	0.03954	0.072654	MT1L	chr16	+	56651388	56652730	411
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-457I	chr16	-	18581770	18583005	621

ENSG0000(	0	0.297015	-0.41864	0.81278	NA	PWRN2	chr15	-	24407901	24415095	4295
ENSG0000(	24.55733	34.08754	-0.47601	0.24953	0.34587	RP11-49I1:	chr18	-	33759959	33767411	609
ENSG0000(	0.705622	0.297015	0.56864	0.74638	NA	RP11-728K	chr7	+	1.5E+08	1.5E+08	3044
ENSG0000(	148.9895	9.060829	4.0044	4.41E-25	4.62E-24	CTD-2382E	chr15	+	42189688	42190773	441
ENSG0000(	2.624689	2.65044	-0.00983	0.99249	0.99592	RP11-63M:	chr16	+	66772166	66773229	536
ENSG0000(	25.88544	22.96621	0.16167	0.76003	0.82566	RP13-516M	chr17	+	80251592	80252786	1195
ENSG0000(	150.8652	23.85235	2.6364	2.91E-19	2.36E-18	ERVK13-1	chr16	-	2710350	2723445	5578
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	CTD-2358C	chr16	-	31710997	31711786	538
ENSG0000(	1.08924	0.343138	0.88459	0.61802	NA	RP11-546B	chr15	+	42605885	42606584	498
ENSG0000(	1.649304	1.029414	0.5358	0.72024	0.79307	RP11-16N1	chr3	-	1.6E+08	1.6E+08	1715
ENSG0000(	0.632843	5.164927	-2.5797	0.033294	0.062277	RP11-615I:	chr16	-	68679283	68680071	550
ENSG0000(	47.78198	30.75077	0.63001	0.11062	0.17592	CTD-2541J	chr18	-	65149028	65152203	3176
ENSG0000(	16.21488	7.316001	1.1104	0.10437	0.16732	RP11-382A	chr15	-	83782369	83783318	396
ENSG0000(	1.411244	0.715414	0.68507	0.67745	0.75844	CTB-113P1	chr5	+	1.51E+08	1.51E+08	1567
ENSG0000(	0.685084	1.340997	-0.72382	0.64437	0.73126	TPST2P1	chr15	-	36918875	36919976	1102
ENSG0000(	10.18613	5.271743	0.90926	0.1997	0.28827	LINC00515	chr21	-	26955082	26955638	557
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-592M	chr15	+	71634663	71640810	698
ENSG0000(	6.494527	25.02987	-1.8891	0.000666	0.001696	RP11-930P	chr8	-	41685683	41687452	1770
ENSG0000(	9.440242	10.87534	-0.21595	0.7565	0.82296	RP11-390B	chr10	-	17683283	17685877	2595
ENSG0000(	0.975385	4.357266	-1.8386	0.14679	0.22282	RP11-817C	chr15	-	75647551	75648087	343
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTA-363E6.	chr16	-	19488238	19499221	633
ENSG0000(	0	4.120944	-3.5578	0.015435	0.031191	RP11-432I9	chr16	-	71657611	71660719	465
ENSG0000(	0.290301	0	0.4146	0.81455	NA	CTD-2055G	chr16	+	80770257	80776202	452
ENSG0000(	67.49767	0.343138	6.7768	4.47E-11	2.27E-10	AC012531.	chr12	+	54413694	54416373	2680
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-109D	chr16	-	61725660	61727654	1995
ENSG0000(	0.580602	0.357707	0.37639	0.83285	NA	RP11-552C	chr16	+	12639339	12640541	520
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	HMGN2P4(	chr15	+	68546887	68547277	391
ENSG0000(	915.4084	0.700845	9.7825	1.39E-35	2.15E-34	RP1-140K8	chr6	-	3905144	3912213	7070
ENSG0000(	2.323223	6.148217	-1.2867	0.20978	0.29981	RP11-382A	chr15	+	83681413	83730597	421
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-432I9	chr16	+	71760878	71761895	1018
ENSG0000(	0.342542	0.951736	-0.90924	0.59857	NA	RP3-522J7.	chr22	-	50226264	50231434	1567
ENSG0000(	0.975385	14.98413	-3.588	0.000286	0.000769	RP11-491F	chr16	+	49321341	49324138	654
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-327F	chr16	-	50817770	50837249	787
ENSG0000(	6.878145	3.276024	1.0043	0.22774	0.3208	RP11-23N2	chr15	+	52870039	52890906	635
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	RP11-775C	chr15	-	81283145	81285599	2455
ENSG0000(	1.338465	2.07098	-0.52304	0.68526	0.76508	RP11-452L	chr16	+	31519792	31520569	647
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-23E1	chr16	-	33336283	33337443	560
ENSG0000(	21.88896	8.984767	1.2605	0.052538	0.092845	RP11-1166	chr16	+	31987124	32015049	1670
ENSG0000(	215.3487	36.97021	2.5299	2.43E-22	2.28E-21	SNAI3-AS1	chr16	+	88729706	88753594	2096
ENSG0000(	1.555988	27.71918	-3.8676	1.75E-06	6.11E-06	RP11-375I:	chr3	-	1.34E+08	1.34E+08	1946
ENSG0000(	0.923144	1.012429	-0.06857	0.96524	0.97971	RP11-521C	chr2	-	1.28E+08	1.28E+08	1472
ENSG0000(	7.613678	2.604317	1.4303	0.11163	0.17734	RP11-21M:	chr16	+	22376442	22380368	423
ENSG0000(	1.887365	3.792375	-0.86826	0.47078	0.57554	RP11-46C2	chr16	-	89323587	89333938	555
ENSG0000(	18.05082	3.80936	2.1285	0.001917	0.004549	RP11-1299	chr4	+	99580055	99585701	5647
ENSG0000(	0.975385	1.698704	-0.63147	0.65184	0.7372	RP11-303E	chr16	-	81087270	81121256	773
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	HERC2P5	chr16	+	32752635	32787517	3825
ENSG0000(	15.46721	14.06557	0.12947	0.81303	0.86864	RP11-250B	chr6	+	81176675	81178797	2123
ENSG0000(	0.705622	1.995719	-1.2463	0.37371	0.47808	LA16c-385	chr16	+	1562980	1564676	682
ENSG0000(	1.919068	0.997859	0.80627	0.53827	0.63896	RP1-178F1	chr17	+	18171394	18172142	749
ENSG0000(	2.012384	5.704711	-1.389	0.15205	0.22966	RP11-133K	chr15	+	40524283	40528308	4026
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-403P	chr16	-	66613886	66614619	555
ENSG0000(	3.081086	1.234181	1.0779	0.39329	0.49768	AF213884.	chr4	-	1.03E+08	1.03E+08	479
ENSG0000(	8.527449	9.214641	-0.10798	0.86953	0.90924	CTA-250D1	chr22	-	42318027	42319104	1078
ENSG0000(	1.213446	0	1.5515	0.38249	NA	RP11-368L	chr16	-	63348168	63651950	571
ENSG0000(	1.08924	1.248751	-0.16943	0.91784	0.94451	RP11-69H7	chr15	-	75519094	75526292	720
ENSG0000(	6.048317	0	4.176	0.002039	0.00482	RP11-152L	chr15	-	92691982	92874267	1304
ENSG0000(	2.085163	1.012429	0.8372	0.54898	0.64881	AC004158.	chr16	+	72459847	72463072	3226
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-744D	chr16	-	64294474	64295143	554
ENSG0000(	1.95077	5.026557	-1.2115	0.28947	0.39109	AL136419.	chr14	-	24678852	24685193	2108
ENSG0000(	1.265686	4.828237	-1.6583	0.15537	0.23396	RP11-278A	chr16	-	87773369	87781312	346
ENSG0000(	2.084349	0.700845	1.2275	0.42257	0.52797	RP11-1006	chr15	+	72908151	72910591	2441
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-146F	chr16	-	30626577	30627000	424
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CTA-363E6.	chr16	-	19422051	19422984	665
ENSG0000(	3.931452	20.26965	-2.2556	0.002591	0.006032	RP11-510J	chr16	+	81993524	81996298	2775
ENSG0000(	0.342542	0.654722	-0.52406	0.76557	NA	RP11-326L	chr15	-	76242805	76243485	681

ENSG0000(	10.43535	10.92059	-0.06012	0.93044	0.95402	CTB-36H16	chr5	+	1.22E+08	1.22E+08	2178
ENSG0000(	2.354926	2.80338	-0.20825	0.86208	0.90363	RP11-358N	chr15	-	57539158	57540091	934
ENSG0000(	4.337399	0	3.6014	0.014246	0.029004	AC026150.	chr15	+	30832296	30838172	701
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-513N	chr16	-	65895015	65897687	2673
ENSG0000(	6.86698	1.280305	2.1725	0.03515	0.065398	RP11-439E	chr1	+	2.47E+08	2.47E+08	2968
ENSG0000(	0.342542	0.98329	-0.93492	0.58786	NA	LA16c-349	chr16	-	1153280	1155461	661
ENSG0000(	35.72561	110.9132	-1.6209	6.54E-07	2.37E-06	CTA-29F11	chr22	-	47157791	47158460	670
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-616N	chr16	-	1344552	1349167	320
ENSG0000(	0.36308	25.90634	-5.4765	6.05E-07	2.20E-06	RP11-747H	chr14	-	92223103	92226142	3040
ENSG0000(	1.048164	0.715414	0.37283	0.82507	NA	RP11-266L	chr16	+	25027299	25032344	4007
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-744D	chr16	+	64189073	64190478	1406
ENSG0000(	0	85.51425	-7.9306	5.78E-13	3.34E-12	AC009133.	chr16	+	29756568	29759620	1656
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP11-165N	chr16	+	12466669	12467756	435
ENSG0000(	1.068702	24.26753	-4.2204	6.72E-06	2.20E-05	AC005307.	chr19	-	28909390	28920397	1570
ENSG0000(	18.6725	34.55844	-0.86727	0.10592	0.16952	SLC7A5P1	chr16	-	29624425	29624961	537
ENSG0000(	2.447429	0.891044	1.1142	0.44745	0.55294	RP11-106N	chr15	-	72577068	72668322	4374
ENSG0000(	0.290301	0.594029	-0.38058	0.83094	NA	RP11-264L	chr16	-	78529823	78540465	719
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-510N	chr16	-	71464165	71466185	649
ENSG0000(	1.390706	3.010564	-0.95486	0.46438	0.56937	RP11-72I8.	chr16	+	15188268	15203054	2598
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-18F1	chr16	-	80600691	80606705	1338
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	LINC00554	chr13	-	1.01E+08	1.01E+08	3011
ENSG0000(	0.995923	0	1.4959	0.39264	NA	RP11-366L	chr2	-	1.83E+08	1.83E+08	3813
ENSG0000(	6.256467	6.71714	-0.09039	0.9085	0.93711	RP11-255C	chr3	+	1.79E+08	1.79E+08	1566
ENSG0000(	1.971308	2.618886	-0.35382	0.77529	0.83858	RP11-329J	chr16	+	47230222	47236340	764
ENSG0000(	0.870904	2.027273	-0.88826	0.55209	0.65153	RP11-421N	chr18	-	65945039	65945480	442
ENSG0000(	43.62461	35.42129	0.29025	0.46216	0.56722	RP11-482N	chr16	+	87526161	87549241	555
ENSG0000(	20.63525	13.34928	0.61461	0.24503	0.34085	CTD-2196E	chr16	+	23579994	23581017	1024
ENSG0000(	0	1.935026	-2.4284	0.13734	0.21062	RP11-580I	chr15	+	24686274	24693114	849
ENSG0000(	0	2.543625	-2.8094	0.076886	0.12916	RP11-445C	chr5	-	4436963	4440372	3300
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CES1P2	chr16	+	55762027	55784023	1242
ENSG0000(	28.92203	18.8501	0.61006	0.13974	0.21349	RP11-226L	chr1	-	1.6E+08	1.6E+08	1842
ENSG0000(	2.334388	5.271743	-1.0968	0.24188	0.33702	RP11-352G	chr15	-	66607252	66624041	500
ENSG0000(	13.08318	16.70057	-0.34779	0.53217	0.63332	CTD-2083E	chr5	-	214013	217394	2881
ENSG0000(	0.705622	31.73573	-5.106	6.55E-08	2.59E-07	RP11-114H	chr15	-	78206559	78219188	2123
ENSG0000(	1.286224	0.937167	0.34426	0.81238	0.86814	CTD-2008P	chr17	-	26590660	26593395	2736
ENSG0000(	10.07309	15.84108	-0.63515	0.31325	0.41552	hsa-mir-94	chr16	+	2318156	2323419	543
ENSG0000(	4.55313	4.074821	0.13078	0.89686	0.92852	ARHGAP23	chr16	-	33709886	33739634	1937
ENSG0000(	1.338465	1.759397	-0.30821	0.8223	0.87483	RP11-480G	chr16	+	46823810	46825952	1836
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC026150.	chr15	+	30808282	30810070	1156
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-879D	chr17	-	69093916	69198318	2059
ENSG0000(	6.753126	1.623443	1.8628	0.068167	0.11644	RP11-797A	chr15	-	77334178	77335533	1356
ENSG0000(	1.233984	1.591889	-0.28597	0.83731	0.8859	RP11-21M2	chr16	+	22386180	22389501	1415
ENSG0000(	2.749709	0.297015	2.2887	0.12577	0.19638	RP11-982N	chr14	-	1.05E+08	1.05E+08	3816
ENSG0000(	79.7296	23.54405	1.7312	1.10E-06	3.91E-06	RP5-882C2	chr17	+	42298769	42301078	1796
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-107C	chr16	-	86939781	86940078	298
ENSG0000(	2.67693	7.451955	-1.374	0.133	0.2055	RP11-1348	chr16	-	28831891	28833354	540
ENSG0000(	0	3.976869	-3.5412	0.014529	0.029512	RP11-354N	chr16	-	68848233	68857429	562
ENSG0000(	0.685084	1.40169	-0.7101	0.66663	0.74943	RP11-90M2	chr15	-	43093166	43094603	1438
ENSG0000(	2.345553	0.951736	0.98812	0.50756	0.61112	RP11-294K	chr1	+	2.02E+08	2.02E+08	1395
ENSG0000(	0	11.03473	-5.0638	5.64E-05	0.000166	RP6-170F5	chrX	+	1.11E+08	1.11E+08	4595
ENSG0000(	1.016461	1.355566	-0.33317	0.81779	0.87209	Z84812.4	chr16	-	67514	85195	773
ENSG0000(	274.2759	149.9464	0.86072	0.036373	0.067438	RP11-566E	chr2	+	2.17E+08	2.17E+08	3148
ENSG0000(	10.27863	23.7027	-1.1674	0.052276	0.092466	RP11-61J1	chr1	+	2.13E+08	2.13E+08	1899
ENSG0000(	10.26926	23.52136	-1.1598	0.023235	0.045198	RP11-872J	chr14	-	96967147	96968658	1512
ENSG0000(	376.0234	149.6753	1.3203	3.06E-08	1.25E-07	RP11-161N	chr16	-	1025761	1031596	3726
ENSG0000(	4.140415	5.407697	-0.36766	0.69395	0.77179	CTD-2007L	chr11	-	68380367	68384179	563
ENSG0000(	2.531373	0.297015	2.0889	0.19033	0.27703	CTD-2547L	chr14	+	91724643	91725347	705
ENSG0000(	4.721017	4.083685	0.19738	0.83014	0.88029	RP11-107F	chr15	-	42063130	42064930	334
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-319G	chr16	+	78931062	78933541	2480
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-382N	chr16	-	5310687	5311044	358
ENSG0000(	0.72616	0	0.85004	0.63064	NA	UNGP1	chr16	+	51311763	51313023	1261
ENSG0000(	247.1113	548.6592	-1.1484	5.01E-10	2.36E-09	GS1-358P8	chrX	+	24563633	24568583	4951
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	HMGB3P32	chr16	+	57637049	57637609	561
ENSG0000(	0.342542	4.443808	-2.8431	0.051031	0.09056	RP11-524C	chr14	+	21852451	21853079	629
ENSG0000(	5.507977	4.256898	0.35125	0.67927	0.75991	GHc-362H1	chrX	+	1.03E+08	1.03E+08	4484

ENSG0000(	0.290301	0	0.4146	0.81455	NA	CTD-3253I:	chr16	-	82986835	83023903	1493
ENSG0000(	54.60707	65.61354	-0.2623	0.32082	0.42363	AC124789.	chr17	-	36606638	36608688	702
ENSG0000(	0	2402.353	-12.324	2.49E-31	3.35E-30	RP11-256I9	chr16	-	65224876	65268817	1337
ENSG0000(	13.39142	7.143661	0.86921	0.1758	0.2591	RP11-434B	chr2	-	8861264	8862816	1553
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	RP11-531A	chr8	+	73859385	73862680	3296
ENSG0000(	37.91623	10.52892	1.8178	4.48E-05	0.000133	CTC-205M6	chr5	-	1.8E+08	1.8E+08	3088
ENSG0000(	87.83399	31.3237	1.4723	2.89E-05	8.78E-05	FBXL19-AS:	chr16	-	30930640	30934590	3951
ENSG0000(	33.6644	38.80729	-0.20761	0.54705	0.6472	RP11-264B	chr16	-	28968008	28978204	573
ENSG0000(	12.04277	5.972588	0.9864	0.15516	0.23368	RP11-439E	chr1	+	2.47E+08	2.47E+08	3472
ENSG0000(	0	7.627585	-4.4969	0.000735	0.001862	RP11-615I2	chr16	-	68684959	68685851	893
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-22H5	chr16	+	82806924	82863243	4037
ENSG0000(	0.36308	1.416259	-1.3043	0.44028	NA	CTA-331F8.	chr16	-	58631493	58631849	357
ENSG0000(	0.290301	0.594029	-0.38058	0.83094	NA	RP11-459F	chr16	+	58231016	58251709	330
ENSG0000(	3.184754	0.686276	1.8075	0.19627	0.2843	RP11-394I:	chr2	+	1.75E+08	1.75E+08	1884
ENSG0000(	0	1.828211	-2.0755	0.23445	NA	CTD-2373J	chr5	-	89684285	89685180	896
ENSG0000(	22.37526	10.50952	1.0625	0.043029	0.078101	RP11-680G	chr16	-	15111963	15114345	2383
ENSG0000(	3.071713	3.319731	-0.11081	0.91969	0.94599	RP11-715J:	chr16	-	2506253	2509980	789
ENSG0000(	1.597063	0.715414	0.84373	0.60354	0.69691	RP11-345M	chr16	+	79710005	79841819	1494
ENSG0000(	3.786708	1.248751	1.3382	0.27365	0.37338	RP11-211G	chr11	+	69186231	69187279	371
ENSG0000(	2.656392	1.280305	0.87096	0.5003	0.60396	RP11-483I:	chr1	+	1.09E+08	1.09E+08	1566
ENSG0000(	0.975385	0	1.2767	0.47406	NA	RP11-346C	chr16	+	73126248	73127673	1079
ENSG0000(	0.632843	1.782087	-1.029	0.53301	0.63407	RP11-10K1	chr16	-	5128169	5128606	438
ENSG0000(	27.08772	13.78312	0.94647	0.067093	0.1149	AC009120.	chr16	+	74347235	74349532	513
ENSG0000(	2.31385	2.431104	-0.04684	0.97041	0.98357	RP11-96D1	chr16	-	68246304	68255574	460
ENSG0000(	3.257533	3.631315	-0.13621	0.90174	0.93215	RP11-554A	chr11	+	68870961	68876562	622
ENSG0000(	2.781412	0.686276	1.4865	0.34165	0.44552	RP11-314C	chr16	-	80862632	80926492	2218
ENSG0000(	4.015395	4.213191	-0.08038	0.93033	0.95399	ADPGK-AS1	chr15	+	73075176	73090540	2730
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-2C24	chr16	+	30751988	30762702	883
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-95M!	chr3	-	14840838	14852921	3830
ENSG0000(	0	128.5226	-8.4549	1.51E-14	9.65E-14	RP1-310O1	chr20	+	30586850	30591190	4341
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-105C	chr16	-	22623864	22624804	375
ENSG0000(	2.770247	2.66501	0.032889	0.9764	0.9867	AC008088.	chr17	-	20433355	20434194	840
ENSG0000(	0	3.769685	-3.4058	0.022243	0.043455	CTB-134H2	chr16	-	29065053	29119429	1840
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-93O1	chr16	+	46683038	46683761	398
ENSG0000(	39.04834	0.640152	5.4223	2.88E-09	1.28E-08	LINC00565	chr13	-	1.15E+08	1.15E+08	2331
ENSG0000(	1.628766	1.188058	0.32187	0.82811	0.87889	RP11-196G	chr16	+	31054471	31061201	461
ENSG0000(	5.726313	72.71994	-3.6274	2.58E-15	1.72E-14	RP11-363E	chr9	+	19453207	19455171	1965
ENSG0000(	180.4626	38.4957	2.2229	5.14E-22	4.73E-21	CCPG1	chr15	-	55632230	55700708	6822
ENSG0000(	169.0263	63.57982	1.4033	5.44E-11	2.75E-10	RP11-57H1	chr10	+	1.15E+08	1.15E+08	4237
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-731J	chr4	+	47433977	47440976	7000
ENSG0000(	0	1.340997	-1.8899	0.26871	NA	CTD-3154M	chr15	-	74905535	74907937	498
ENSG0000(	74.00573	56.43945	0.38559	0.1546	0.23295	RP1-228H1	chr1	+	40929991	40932436	2446
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-538I:	chr16	+	77268774	77324831	652
ENSG0000(	1.233984	1.623443	-0.29416	0.84179	0.88902	AC137934.	chr16	+	90252405	90289086	2056
ENSG0000(	22.52359	63.59996	-1.4741	0.000119	0.000337	AC004463.	chr22	+	19158908	19160345	1438
ENSG0000(	3.963155	4.242329	-0.09933	0.91075	0.93876	RP11-459F	chr16	+	58163433	58193037	577
ENSG0000(	2.188831	1.355566	0.60428	0.64855	0.73454	RP11-214L	chr18	-	53548919	53587430	2310
ENSG0000(	5.955001	0.686276	2.7059	0.025559	0.049233	RP11-65L3	chr2	+	1.79E+08	1.79E+08	2058
ENSG0000(	3.725094	3.47267	0.10059	0.92303	0.94822	RP11-483P	chr16	-	83963401	83964828	388
ENSG0000(	5.095262	3.154639	0.59395	0.59292	0.68773	FTO-IT1	chr16	+	54073305	54074638	1223
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-548M	chr15	+	55348945	55384371	483
ENSG0000(	3.350849	4.242329	-0.33155	0.71767	0.7909	RP4-593C1	chr1	+	1.78E+08	1.78E+08	600
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-467J	chr16	-	53044307	53045198	892
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP4-575N6	chr1	+	1.02E+08	1.02E+08	592
ENSG0000(	15.06207	23.74157	-0.63705	0.37255	0.47693	LINC00622	chr1	-	1.2E+08	1.2E+08	1570
ENSG0000(	73.91421	63.42043	0.21566	0.41127	0.51604	RP11-27M:	chr2	-	2.42E+08	2.42E+08	4000
ENSG0000(	0.653381	0	0.82678	0.64037	NA	RP11-463C	chr16	-	86598751	86601367	319
ENSG0000(	12.2611	15.63718	-0.33022	0.53101	0.63243	RP11-384P	chr9	+	33697457	33700984	3528
ENSG0000(	7.582953	22.35358	-1.4915	0.02037	0.040111	RP11-552M	chr1	-	1.12E+08	1.12E+08	2023
ENSG0000(	3.983692	6.566617	-0.69118	0.38627	0.49051	KB-1836B5	chr8	+	37920399	37921309	911
ENSG0000(	0.632843	0.594029	0.039277	0.98194	NA	RP11-426C	chr16	-	29273594	29275800	561
ENSG0000(	0.943682	0.594029	0.4146	0.80719	NA	LA16c-425	chr16	-	1629243	1630309	404
ENSG0000(	1.016461	1.370136	-0.32394	0.83338	0.88274	RP11-30L1	chr8	-	54955549	54958189	440
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	LINC00557	chr13	+	95612295	95613573	1279
ENSG0000(	23.04242	75.15171	-1.688	2.21E-05	6.82E-05	RP11-690D	chr11	-	1.03E+08	1.03E+08	5113

ENSG0000(	2.334388	0.357707	2.0901	0.16231	0.24267	RP11-504A	chr1	-	56713966	56724243	1352
ENSG0000(	2.261609	3.411978	-0.51212	0.63052	0.71982	RP11-333I	chr2	+	47004922	47007384	2463
ENSG0000(	1.306762	3.353702	-1.1475	0.36846	0.47314	RP11-77H9	chr16	+	9056563	9060847	427
ENSG0000(	0.685084	4.256898	-2.2163	0.091723	0.15019	RP11-285A	chr15	+	78433585	78435515	1931
ENSG0000(	0.975385	2.962024	-1.3399	0.30255	0.40378	LA16c-395	chr16	+	1630528	1660329	485
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-616M	chr16	-	1330162	1330545	299
ENSG0000(	6.617755	6.327879	0.061783	0.93895	0.95985	DOCK9-AS2	chr13	+	99740073	99740879	807
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-165H	chr9	-	81750337	81760589	2432
ENSG0000(	0.290301	1.698704	-1.6722	0.28779	0.38931	RP13-122B	chr9	-	1.4E+08	1.4E+08	1854
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP4-647J2	chr7	-	44998598	45000508	1911
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-534L	chr1	+	2.07E+08	2.07E+08	509
ENSG0000(	4.564295	2.232041	0.92773	0.34724	0.45142	RP11-546B	chr15	+	42500611	42519188	823
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP1-140C1	chr6	+	1.71E+08	1.71E+08	5187
ENSG0000(	16.69182	36.61734	-1.1167	0.004556	0.010211	CTB-58E17	chr17	+	36858705	36861000	2296
ENSG0000(	6.14082	17.8425	-1.4824	0.013449	0.027535	AC004158.	chr16	-	72459384	72698908	2194
ENSG0000(	0	1.387121	-1.6961	0.33794	NA	CTD-2050B	chr16	-	56217638	56220218	795
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-370P	chr16	+	63764181	63788661	443
ENSG0000(	11.93054	22.23461	-0.89068	0.086789	0.14331	RP1-90J20	chr6	+	3025025	3027659	2635
ENSG0000(	0.72616	0	0.85004	0.63064	NA	LL09NC01-	chr9	-	1.36E+08	1.36E+08	1990
ENSG0000(	2.188831	0.700845	1.3057	0.38012	0.48411	RP11-111K	chr7	-	42940871	42942238	1368
ENSG0000(	4.315069	1.949596	1.0238	0.32749	0.43052	GS1-279B7	chr1	-	1.85E+08	1.85E+08	635
ENSG0000(	41.42282	0	6.9589	4.77E-10	2.25E-09	CTD-3247F	chr8	-	22536526	22541522	4997
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTD-2588J	chr16	+	82203901	82209408	424
ENSG0000(	3.661688	3.455685	0.08302	0.94285	0.963	RP11-209D	chr17	-	19911364	19912547	1184
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP11-574H	chr5	-	1.2E+08	1.2E+08	517
ENSG0000(	3.289235	0	3.1681	0.03967	0.072843	RP11-417E	chr6	-	1.7E+08	1.7E+08	542
ENSG0000(	15.55034	2.681995	2.4322	0.001184	0.002905	CTD-2319I	chr17	-	58160927	58169246	630
ENSG0000(	0	1.531196	-1.8455	0.29475	NA	RP11-810K	chr15	-	21095535	21095935	401
ENSG0000(	1.628766	0.700845	0.99377	0.49299	0.59687	RP11-357M	chr16	-	54067909	54088495	281
ENSG0000(	71.36392	16.09526	2.1207	9.36E-10	4.33E-09	RP11-145F	chr3	+	1.5E+08	1.5E+08	2974
ENSG0000(	8.827937	3.190225	1.3561	0.18442	0.26973	RP11-274H	chr3	-	1.46E+08	1.46E+08	2095
ENSG0000(	0.72616	1.043983	-0.36115	0.83043	NA	SULT1A3	chr16	+	30205754	30215631	2369
ENSG0000(	2.044087	0.343138	1.8886	0.22009	0.31195	RP11-6O2.	chr15	-	99669037	99672011	2562
ENSG0000(	0	4.271467	-3.5605	0.016618	0.033355	RP11-195M	chr1	+	1.1E+08	1.1E+08	1889
ENSG0000(	17.87356	2.324288	2.8107	0.000182	0.000501	RP11-454F	chr16	+	53332136	53333704	1569
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-252E	chr16	+	75153456	75178098	510
ENSG0000(	109.4198	110.4895	-0.0106	0.97089	0.9839	RP11-303E	chr16	+	81064375	81065090	716
ENSG0000(	3.910914	0.715414	2.094	0.11019	0.17529	RP5-931K2	chr20	-	10381657	10384178	2522
ENSG0000(	9.740895	0.997859	3.0097	0.002314	0.005417	RP11-1000	chr15	+	32828248	32879814	543
ENSG0000(	5.737478	6.148217	-0.11499	0.88501	0.91968	RP11-264B	chr16	+	28986125	29002096	5296
ENSG0000(	0.685084	45.80217	-5.5337	2.11E-08	8.72E-08	RP11-7K24	chr6	-	42059976	42061997	2022
ENSG0000(	73.49456	200.0039	-1.439	9.35E-08	3.66E-07	RP11-701H	chr15	+	25332808	25334043	1236
ENSG0000(	1.597063	0.357707	1.4855	0.37096	0.47542	RP11-554A	chr11	-	68914696	68939032	990
ENSG0000(	20.7465	12.08113	0.77145	0.12923	0.20075	RP1-223E5	chr6	-	13614343	13615387	1045
ENSG0000(	4.015395	5.286312	-0.38092	0.65545	0.7403	RP11-5N19	chr15	-	56484551	56485460	910
ENSG0000(	2.697468	6.154665	-1.1052	0.23357	0.32724	RP11-252A	chr16	+	74401360	74403724	2365
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP1-166H4	chr6	-	45541083	45544507	1513
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-1H8.	chr15	+	34701826	34702795	970
ENSG0000(	1.701545	0	2.2228	0.18134	NA	RP11-93I2	chr4	-	1.25E+08	1.25E+08	1771
ENSG0000(	15.85164	33.70796	-1.0637	0.071064	0.12072	KB-1460A1	chr8	-	1.02E+08	1.02E+08	2825
ENSG0000(	94.62044	140.4282	-0.56903	0.022463	0.043841	RP11-61A1	chr16	+	66923072	66924996	1903
ENSG0000(	0.632843	2.08555	-1.2591	0.4134	0.51826	RP11-435I	chr16	+	28425024	28426339	1029
ENSG0000(	33.40401	34.16596	-0.03715	0.92003	0.94625	RP11-355C	chr9	+	1.26E+08	1.26E+08	1993
ENSG0000(	6.949132	8.009598	-0.18955	0.83773	0.886	RP11-690I	chr2	+	2.33E+08	2.33E+08	2507
ENSG0000(	24.74477	31.97675	-0.36705	0.4577	0.56284	RP11-819C	chr11	-	1.07E+08	1.07E+08	4140
ENSG0000(	18.9945	3.755116	2.2814	0.000572	0.001473	RP4-545K1	chrX	+	1.01E+08	1.01E+08	651
ENSG0000(	0	1.309443	-1.6539	0.35008	NA	ATP5J2P6	chr15	-	66707271	66707536	266
ENSG0000(	2.987769	0	3.1007	0.040889	0.074766	RP11-298D	chr16	-	83743784	83751503	566
ENSG0000(	0	6.174939	-4.0797	0.004418	0.00992	RP11-734K	chr2	+	9246722	9249994	3273
ENSG0000(	4.875134	1.606458	1.4204	0.19271	0.28	RP11-173B	chr13	-	76178836	76210130	549
ENSG0000(	22.87551	18.34832	0.32004	0.48648	0.5904	RP11-141C	chr16	-	22298029	22300059	669
ENSG0000(	1.608228	0.654722	0.97404	0.52721	0.62898	RP11-325K	chr16	+	56974940	56975638	699
ENSG0000(	8.486374	763.1345	-6.4262	4.66E-87	2.21E-85	TMEM178B	chr7	+	1.41E+08	1.41E+08	10558
ENSG0000(	5.850519	26.93979	-2.1387	8.38E-05	0.000241	RP3-523K2	chr6	+	54807965	54809897	1933
ENSG0000(	15.55034	0.98329	3.6617	9.97E-05	0.000284	RP11-333C	chr2	+	12855541	12856353	813

ENSG0000(	8.881156	6.924324	0.3442	0.62101	0.71166	RP11-104N	chr16	-	89558425	89570868	871
ENSG0000(	0.580602	3.838499	-2.1653	0.10747	0.17165	RP11-62H2	chr14	-	60386141	60387057	507
ENSG0000(	0	5.101818	-3.8074	0.009321	0.019693	RP11-496D	chr4	+	24661479	24673191	2195
ENSG0000(	1.379541	0.654722	0.76746	0.62759	0.71748	RP11-304L	chr16	-	2144831	2147027	596
ENSG0000(	4.512054	5.456236	-0.2362	0.79587	0.85526	AC135050.	chr16	+	31076816	31080567	504
ENSG0000(	10.16999	2.292733	1.9688	0.039659	0.072834	RP11-795F	chr18	+	77797387	77853362	5187
ENSG0000(	364.8684	64.41675	2.482	1.30E-20	1.13E-19	RP11-18F1	chr16	-	80631803	80636416	4614
ENSG0000(	2.998934	1.370136	0.96225	0.46078	0.56609	RP11-93O1	chr16	-	46694608	46695503	321
ENSG0000(	1.338465	4.006007	-1.4158	0.2008	0.28951	RP4-798A1	chr1	+	16841140	16842249	1110
ENSG0000(	16.4452	18.42029	-0.15608	0.79121	0.85132	RP11-37C7	chr15	+	40074772	40077818	3047
ENSG0000(	1.555988	2.840639	-0.73103	0.56087	0.65951	CTD-2517M	chr8	-	1.46E+08	1.46E+08	3368
ENSG0000(	13.16631	11.94518	0.13819	0.81706	0.87164	RP11-20I23	chr16	-	2619044	2621937	459
ENSG0000(	4.201215	1.058552	1.7784	0.13427	0.20725	RP11-303E	chr16	+	81088906	81090031	593
ENSG0000(	3.298608	7.919767	-1.1911	0.15627	0.23515	RP11-114H	chr15	+	78268384	78285399	3716
ENSG0000(	0.685084	0.343138	0.48017	0.78775	NA	RP11-296I1	chr16	+	70236257	70236362	106
ENSG0000(	0.36308	0.700845	-0.575	0.7429	NA	RP11-697E	chr15	+	90792788	90815440	3838
ENSG0000(	1.608228	2.324288	-0.43899	0.73189	0.80197	RP11-215E	chr17	-	32496391	32522956	1081
ENSG0000(	0.995923	0.686276	0.39213	0.8081	NA	CTD-2583P	chr16	+	12853139	12855019	927
ENSG0000(	0.290301	2.635871	-2.2835	0.1205	0.18946	RP11-723C	chr3	-	1.29E+08	1.29E+08	811
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-58A1	chr16	+	86679907	86702529	508
ENSG0000(	0	2.056411	-2.4909	0.12616	0.19678	RP11-775H	chr4	-	1.37E+08	1.37E+08	1444
ENSG0000(	37.49993	55.51027	-0.55952	0.074041	0.12511	RP11-517B	chr3	-	1.31E+08	1.31E+08	3473
ENSG0000(	3.350849	2.635871	0.30602	0.75974	0.82549	RP11-68I18	chr1	-	1.51E+08	1.51E+08	1536
ENSG0000(	0.632843	0	0.81931	0.64303	NA	RP11-252A	chr16	+	74456018	74469152	574
ENSG0000(	25.09506	30.5282	-0.28319	0.48901	0.59305	RP11-356C	chr16	-	90176982	90234633	589
ENSG0000(	1.669842	6.978568	-1.8663	0.08515	0.1409	RP11-169E	chr16	+	47007900	47012894	516
ENSG0000(	0.870904	12.60963	-3.3489	0.001775	0.004237	CTD-2015G	chr16	+	86755697	86771432	550
ENSG0000(	282.3816	3.823929	6.0611	6.08E-43	1.16E-41	RP11-13L2	chr3	+	1.4E+08	1.4E+08	5692
ENSG0000(	0.290301	29.01486	-5.6434	2.55E-07	9.62E-07	RP11-532F	chr15	-	41128006	41136585	643
ENSG0000(	1.411244	2.949871	-0.89201	0.51876	0.62139	RP11-317P	chr1	-	1.83E+08	1.83E+08	1492
ENSG0000(	3.008307	10.85507	-1.774	0.020996	0.041227	RP11-341N	chr2	-	2.43E+08	2.43E+08	1104
ENSG0000(	0.653381	0.640152	0.01046	0.99499	NA	RP11-1007	chr15	-	72757469	72758603	1135
ENSG0000(	37.18746	69.30896	-0.88398	0.030425	0.05747	CTA-445C9	chr22	+	26908503	26910534	2032
ENSG0000(	28.66164	50.19482	-0.79971	0.021268	0.04172	RP3-512B1	chr6	-	7540684	7541571	888
ENSG0000(	1.338465	1.531196	-0.19013	0.89206	0.92504	CTD-2380F	chr16	-	19772494	19777421	686
ENSG0000(	0.36308	0	0.4146	0.81455	NA	UBE2FP2	chr16	-	63214514	63214975	462
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-989E	chr16	-	33344309	33348279	3971
ENSG0000(	1.576526	8.095397	-2.1426	0.02699	0.051693	RP3-496C2	chr22	-	40439072	40440534	1463
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC004449.	chr19	-	637105	637537	433
ENSG0000(	13.38286	8.187643	0.67654	0.2583	0.35598	LA16c-361	chr16	-	1801560	1802263	565
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CLEC19A	chr16	+	19297061	19333467	782
ENSG0000(	6.62892	7.38643	-0.14553	0.84445	0.89091	RP1-80N2.	chr6	-	6680542	6683866	3325
ENSG0000(	1.306762	1.652581	-0.27733	0.83754	0.88597	RP3-507I15	chrX	-	1.4E+08	1.4E+08	354
ENSG0000(	2.407167	0	2.7149	0.089055	0.14641	RP11-510C	chr1	-	75588203	75589612	1410
ENSG0000(	0.290301	0.594029	-0.38058	0.83094	NA	RP11-195F	chr9	-	34661900	34666026	3264
ENSG0000(	1.660469	7.238323	-1.9215	0.067993	0.1162	RP11-166B	chr16	+	12002065	12002773	384
ENSG0000(	0.36308	0.640152	-0.51156	0.77091	NA	RP11-960L	chr16	+	81771853	81801311	756
ENSG0000(	16.74145	9.116689	0.87054	0.13913	0.2128	RP11-629C	chr8	+	1.35E+08	1.35E+08	679
ENSG0000(	754.0768	616.8103	0.28866	0.11512	0.18228	ZNF865	chr19	+	56116771	56128635	4005
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTD-2006K	chr17	+	72595979	72603368	3493
ENSG0000(	0.290301	9.421825	-4.0767	0.000956	0.002379	RP11-830F	chr16	-	89003187	89006059	2873
ENSG0000(	0.580602	1.029414	-0.44707	0.79987	NA	RP11-38G5	chr15	-	80135889	80136646	758
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-523L	chr16	+	47758479	47942342	2626
ENSG0000(	0.632843	9.139379	-3.377	0.002175	0.005117	RP11-510J	chr16	-	82077941	82173236	829
ENSG0000(	5.302433	6.658863	-0.31963	0.74488	0.81283	AC009166.	chr16	+	51183150	51183730	487
ENSG0000(	1.338465	0.297015	1.3634	0.39966	NA	RP11-304L	chr16	+	2162336	2163343	456
ENSG0000(	0	1.652581	-2.1974	0.1871	NA	RP11-883G	chr16	+	50918120	50934962	1171
ENSG0000(	1.390706	1.372552	0.010227	0.99497	0.99714	CTD-2302E	chr14	+	64010287	64011382	1096
ENSG0000(	0.36308	1.309443	-1.2534	0.45722	NA	RP11-517C	chr16	+	84529205	84531101	596
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-114H	chr15	+	78208864	78214361	353
ENSG0000(	0	1.903472	-2.1599	0.21236	NA	GOLGA8T	chr15	+	30427352	30437770	1896
ENSG0000(	0	1.294874	-1.8547	0.27869	NA	AC009120.	chr16	+	74316313	74321417	475
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-545A	chr1	-	1.8E+08	1.8E+08	3294
ENSG0000(	4.346772	9.970473	-1.1304	0.15865	0.23805	RP3-388M1	chr22	+	44208336	44213274	1463
ENSG0000(	1.390706	5.585742	-1.7953	0.11934	0.18798	RP11-318L	chr1	+	2.12E+08	2.12E+08	262

ENSG0000(	18.03803	2.338857	2.8114	0.000345	0.000916	AC137932.	chr16	+	89387541	89391518	1205
ENSG0000(	31.98177	13.83811	1.2025	0.008971	0.019023	RP4-714D9	chr1	+	1E+08	1.01E+08	5067
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-673E	chr11	-	1.26E+08	1.26E+08	1909
ENSG0000(	0.705622	3.662869	-2.0427	0.11208	0.17799	CTD-2515H	chr15	-	57819385	57821207	800
ENSG0000(	1.390706	4.020576	-1.3525	0.2606	0.35861	CTD-2196E	chr16	-	23698370	23699665	473
ENSG0000(	1.576526	2.041842	-0.28866	0.81535	0.87039	RP11-44I1(	chr16	+	48593572	48621314	438
ENSG0000(	4.709852	4.738406	-0.00783	0.99273	0.99603	RP11-325K	chr16	+	56974190	56975254	601
ENSG0000(	0.290301	0	0.4146	0.81455	NA	MUC22	chr6	+	30978251	31003179	6019
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	LA16c-444	chr16	+	88268391	88336117	434
ENSG0000(	1.08924	3.723561	-1.5079	0.25941	0.35733	ULK4P1	chr15	-	32698798	32727193	875
ENSG0000(	0	8.501643	-4.7054	0.00025	0.000676	CTD-3105H	chr19	-	12456763	12458752	1990
ENSG0000(	5.810257	2.886762	0.9056	0.33032	0.43349	RP11-517C	chr16	-	84492865	84500967	2998
ENSG0000(	2.229907	0	2.6238	0.10304	0.16551	RP11-295N	chr16	+	53202434	53203362	510
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-389G	chr3	+	97478367	97480374	2008
ENSG0000(	0.870904	0.297015	0.71032	0.69005	NA	RP11-276H	chr16	-	12187484	12189164	502
ENSG0000(	360.7138	0.343138	9.0509	1.17E-21	1.07E-20	RP11-524D	chrX	+	99928327	99928978	652
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-309N	chr2	+	2.35E+08	2.35E+08	1201
ENSG0000(	2.645227	1.355566	0.85379	0.47236	0.57698	RP11-343H	chr16	-	56742684	56763880	1018
ENSG0000(	0	2.056411	-2.4909	0.12616	0.19678	RP4-584D1	chr7	+	1.5E+08	1.5E+08	837
ENSG0000(	69.97836	261.4846	-1.8854	1.15E-08	4.84E-08	RP11-923I1	chr12	-	52214243	52216199	1957
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-354I1	chr16	-	60520723	60557154	565
ENSG0000(	31.838	8.233767	1.9126	0.000152	0.000422	RP5-1014C	chr1	+	92864531	92867613	3083
ENSG0000(	0	3.38284	-3.2606	0.030247	0.057159	AC002550.	chr16	+	19717673	19726705	1379
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-359E	chr1	-	2.12E+08	2.12E+08	711
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	LARP4P	chr15	+	36909290	36911466	2177
ENSG0000(	22.81112	53.50561	-1.2119	0.007597	0.016323	RP11-174G	chr12	-	14915438	14920865	5428
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC140542.	chr16	-	47883225	47921041	1325
ENSG0000(	105.8913	41.962	1.3101	0.005446	0.01204	RP5-1057J	chr1	-	23607802	23613245	5444
ENSG0000(	19.15979	0	5.8888	5.13E-07	1.88E-06	RP11-863P	chr16	-	88210904	88219696	1313
ENSG0000(	3.537482	0.343138	2.5085	0.096482	0.15674	CTD-2049C	chr16	-	27690261	27730104	679
ENSG0000(	5.674072	0	4.0508	0.003472	0.007928	RP11-281J	chr16	+	77926319	77926812	494
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CD24P2	chr15	+	56363619	56363837	219
ENSG0000(	1.068702	0.357707	1.0016	0.56008	NA	RP11-65J3.	chr9	-	1.32E+08	1.32E+08	1934
ENSG0000(	2.13659	4.602452	-0.95367	0.39085	0.4953	RP11-318A	chr17	+	74668024	74669740	1717
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	EIF4BP5	chr16	-	47599001	47600795	1795
ENSG0000(	14.15107	10.04499	0.47103	0.44029	0.54605	RP11-498D	chr16	-	71952815	71959638	762
ENSG0000(	37.15143	15.86377	1.2019	0.009337	0.019723	RP11-378A	chr2	+	2.19E+08	2.19E+08	2046
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-215H	chr11	-	30001660	30003939	2280
ENSG0000(	0.36308	2.278164	-2.0508	0.17475	0.25787	CTD-2568A	chr19	-	51279398	51289467	495
ENSG0000(	5.810257	25.66928	-2.1028	0.00089	0.002227	AC006538.	chr19	-	2727741	2729325	1585
ENSG0000(	0	1.058552	-1.361	0.4451	NA	RP11-510N	chr16	-	71444343	71460367	530
ENSG0000(	10.90291	9.421825	0.1939	0.74804	0.81551	RP3-465N2	chr1	-	25592593	25593627	459
ENSG0000(	5.612459	8.179522	-0.5076	0.50023	0.60394	CTD-3185P	chr15	-	66782086	66784447	1078
ENSG0000(	17.01122	9.450963	0.82508	0.16451	0.24536	CTA-14H9.!	chr6	+	26527291	26527632	342
ENSG0000(	31.9543	18.20995	0.79252	0.075453	0.1271	RP11-698N	chr11	+	35835882	35839557	3676
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	RP11-626G	chr16	+	19077313	19078016	704
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	C16orf98	chr16	+	31213206	31214773	1095
ENSG0000(	7.999088	4.037561	0.94196	0.22831	0.3214	CTD-2165H	chr5	-	14661917	14664713	2797
ENSG0000(	5.487439	2.353426	1.149	0.21831	0.3098	MANEA-AS1	chr6	-	96023059	96025326	2268
ENSG0000(	6.131447	1.340997	1.9862	0.062616	0.10826	RP11-474B	chr16	+	47333358	47351725	870
ENSG0000(	12.82198	11.30831	0.16721	0.79171	0.85179	RP11-529H	chr14	-	92511119	92516990	671
ENSG0000(	50.34603	62.19491	-0.29881	0.47708	0.58159	RP11-368I1	chr16	+	89778264	89784573	1753
ENSG0000(	0.632843	0.700845	-0.06767	0.96753	NA	RP11-64K1	chr15	+	40666599	40668192	1594
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-632K	chr15	-	32781468	32783787	1262
ENSG0000(	7.209522	8.403691	-0.20352	0.77018	0.83416	RP11-578F	chr15	+	29034810	29101361	1069
ENSG0000(	1.794048	0	2.0507	0.24053	NA	RP11-395N	chr2	+	2.28E+08	2.28E+08	1026
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	RP11-60L3	chr15	+	74595346	74596684	382
ENSG0000(	9.625248	16.22389	-0.716	0.29033	0.39194	CTD-2012K	chr16	-	67583117	67597861	798
ENSG0000(	1.431782	2.635871	-0.78939	0.53336	0.63427	RP11-345N	chr16	-	79750622	79804460	772
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-473I1	chr16	+	9162411	9166269	753
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-21B2	chr16	+	50402491	50405391	478
ENSG0000(	1.628766	0.297015	1.6275	0.30182	0.40306	RP11-165N	chr16	-	12460839	12466439	539
ENSG0000(	0	2.993578	-3.1081	0.040328	0.073907	RP11-354N	chr16	+	68720302	68720573	272
ENSG0000(	0	1.326428	-1.6486	0.3523	NA	CTD-2012K	chr16	-	67572460	67574009	530
ENSG0000(	1.451506	2.232041	-0.46636	0.74375	0.81176	LA16c-329I	chr16	-	1763528	1764209	468

ENSG0000(	2.375464	0.654722	1.4834	0.28894	0.3905	RP11-578F	chr15	+	28577383	28581755	716
ENSG0000(	1.379541	1.372552	0.002312	0.99886	0.99961	RP11-378I	chr9	+	19926092	19929935	3844
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-114H	chr15	-	78246417	78255996	571
ENSG0000(	0.36308	1.98115	-1.8644	0.22572	0.31845	AC009120.	chr16	-	74088050	74330660	966
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-326A	chr15	-	89630309	89631498	460
ENSG0000(	5.830795	10.87205	-0.88263	0.2214	0.3135	TEN1-CDK3	chr17	+	73975312	74002080	3897
ENSG0000(	2.531373	111.9763	-5.2612	1.16E-18	9.09E-18	RP6-24A23	chrX	-	1.08E+08	1.08E+08	4996
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-529J	chr15	+	23675986	23680359	736
ENSG0000(	2.229907	1.949596	0.17588	0.88071	0.91677	RP11-57A1	chr16	-	28671017	28752102	361
ENSG0000(	2.645227	13.63502	-2.2617	0.002911	0.006723	RP1-168L1	chr6	+	1.67E+08	1.67E+08	1636
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-1021	chr16	+	15506577	15507125	549
ENSG0000(	5.580756	6.424958	-0.1826	0.83438	0.88356	RP11-1007	chr15	-	72700119	72767509	2325
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	ATP5F1P7	chr16	-	75742954	75743713	760
ENSG0000(	34.65609	1.058552	4.7901	1.22E-08	5.14E-08	RP11-709B	chr15	-	68591128	68593343	2216
ENSG0000(	19.95954	0	5.9413	3.73E-07	1.38E-06	AC144833.	chr15	+	27607456	27611544	4089
ENSG0000(	0.580602	0	0.8036	0.6494	NA	CTD-2349B	chr16	+	19125324	19184900	809
ENSG0000(	12.78172	14.67329	-0.20054	0.71696	0.79029	RP11-16P6	chr2	-	2.23E+08	2.23E+08	2815
ENSG0000(	0.685084	0.715414	-0.02805	0.98738	NA	LA16c-390	chr16	-	1517674	1522685	307
ENSG0000(	0	1.294874	-1.8547	0.27869	NA	RP4-616B8	chr20	-	37590568	37590754	187
ENSG0000(	0.995923	1.40169	-0.37389	0.79593	0.85527	CTC-297N7	chr17	-	10561859	10562399	541
ENSG0000(	0.705622	0.997859	-0.40316	0.79396	NA	CTD-2083E	chr5	+	195893	196456	564
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	MIR1587	chrX	-	39696790	39707612	1976
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-354I	chr16	+	60393746	60476149	800
ENSG0000(	0	39.3989	-6.8884	8.96E-10	4.15E-09	RP11-22C1	chr8	-	95649513	95651695	2183
ENSG0000(	5.321344	0.357707	3.156	0.02311	0.04499	RP11-399C	chr10	+	90775593	90776816	1224
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	CTD-2050B	chr16	-	56226526	56228430	1905
ENSG0000(	0.923144	4.706852	-2.0037	0.085834	0.14188	RP11-217B	chr15	+	89878284	89879392	1109
ENSG0000(	2.656392	4.035145	-0.53732	0.62219	0.71258	RP11-709D	chr16	-	4684330	4690624	1543
ENSG0000(	2.023549	0.297015	1.8694	0.23235	0.32579	RP11-109D	chr9	+	72287665	72288629	965
ENSG0000(	0.72616	0	0.85004	0.63064	NA	CTD-2576D	chr16	+	17228361	17232593	641
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-589C	chr8	-	42009290	42010281	992
ENSG0000(	1.555988	0.700845	0.90082	0.55876	0.65763	RP11-981G	chr8	+	10291182	10295822	4641
ENSG0000(	238.4524	164.5791	0.53063	0.003848	0.008716	RP11-509E	chr2	+	25380063	25382006	1944
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-565N	chr1	-	2.09E+08	2.09E+08	279
ENSG0000(	39.46863	27.93362	0.49305	0.19727	0.2853	RP5-1129J	chr7	+	1.52E+08	1.52E+08	1764
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-787D	chr16	+	74876485	74877781	320
ENSG0000(	2.583614	6.529357	-1.1864	0.26762	0.36637	RP11-106M	chr15	+	72571208	72644135	3148
ENSG0000(	1.701545	3.633731	-1.0038	0.35084	0.45522	UBE2MP1	chr16	-	34404063	34404612	550
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	CTA-254O6	chr7	+	86738855	86740598	1744
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-23E1	chr16	-	33350764	33356875	660
ENSG0000(	6.701698	2.399549	1.3921	0.12924	0.20075	RP11-1024	chr3	+	30739153	30741068	1916
ENSG0000(	1.286224	10.35899	-2.7657	0.003092	0.007112	RP11-96D1	chr16	-	68270748	68271570	533
ENSG0000(	1.939605	0.640152	1.2632	0.37435	0.47861	RP11-61F1	chr16	+	84627999	84630432	2434
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-467I	chr16	+	79539500	79550190	419
ENSG0000(	30.14746	20.58123	0.53244	0.3465	0.45064	RP11-452L	chr16	-	31460856	31464814	449
ENSG0000(	5.507977	6.106126	-0.12412	0.88565	0.92019	RP11-77K1	chr16	-	75492150	75493915	852
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-578F	chr15	-	28964523	28983577	557
ENSG0000(	0	1.326428	-1.6486	0.3523	NA	RP11-77H9	chr16	+	8963108	8963889	498
ENSG0000(	20.1976	9.409672	1.0615	0.059763	0.10415	PAN3-AS1	chr13	-	28710980	28712330	1351
ENSG0000(	0.72616	0	0.85004	0.63064	NA	AC135048.	chr16	+	30959707	30967832	1318
ENSG0000(	4.273994	9.589333	-1.1152	0.12213	0.19167	RP11-757F	chr3	+	1.12E+08	1.12E+08	1937
ENSG0000(	0	2.056411	-2.4909	0.12616	0.19678	CTD-2515H	chr15	-	57769682	57770527	255
ENSG0000(	25.90435	45.06789	-0.78261	0.044395	0.080175	RP11-448G	chr4	-	10069713	10074643	3510
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	RP13-514E	chr4	-	86933449	86935027	1579
ENSG0000(	28.68153	5.330019	2.3582	0.000231	0.000627	RP11-317P	chr1	+	1.83E+08	1.83E+08	1376
ENSG0000(	132.2122	142.5304	-0.10356	0.63379	0.72255	LA16c-358	chr16	-	1367892	1372846	3107
ENSG0000(	68.94054	58.12358	0.24617	0.38403	0.48822	RP11-46D6	chr16	-	46656773	46658363	1591
ENSG0000(	4.357937	7.927888	-0.82735	0.34333	0.44733	RP11-432I	chr16	+	71757083	71758133	777
ENSG0000(	0	1.355566	-1.9006	0.26573	NA	RP11-527L	chr17	+	42015731	42016327	434
ENSG0000(	1.286224	2.774242	-0.90063	0.49894	0.60279	RP11-403P	chr16	+	66583183	66585092	1910
ENSG0000(	0.342542	3.322147	-2.5604	0.073563	0.1244	DLGAP1-AS	chr18	+	4264602	4295405	2594
ENSG0000(	1.555988	3.212915	-0.85416	0.5233	0.62577	RP11-408H	chr18	-	28638806	28639359	554
ENSG0000(	0.705622	0	0.8807	0.6196	NA	ABCB10P3	chr15	+	28648014	28650179	2166
ENSG0000(	4.201215	8.14152	-0.902	0.24517	0.34095	CTB-31O20	chr19	-	1874881	1876168	1288
ENSG0000(	0.290301	1.372552	-1.154	0.51326	NA	RP11-343C	chr16	-	69477143	69478193	722

ENSG0000(	1.576526	2.514486	-0.56815	0.65913	0.74304	AC002400.	chr16	+	23512226	23512951	726
ENSG0000(	2.613524	1.698704	0.54236	0.66796	0.75071	RP13-487P	chr15	-	25590780	25592382	1603
ENSG0000(	5.975539	6.018711	-0.00882	0.99072	0.9952	RP11-15N2	chr3	+	99898411	99900574	2164
ENSG0000(	56.09728	2.24661	4.45	3.09E-12	1.69E-11	RP11-244C	chr9	-	1.25E+08	1.25E+08	3779
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-319G	chr16	+	79028242	79038627	793
ENSG0000(	4.003417	11.18364	-1.369	0.085758	0.14179	RP11-16E1	chr8	+	64128539	64130592	2054
ENSG0000(	0.870904	0	1.046	0.5544	NA	RP11-665J	chr15	-	74445141	74471567	554
ENSG0000(	1.016461	0	1.3167	0.46021	NA	RP11-16E2	chr15	-	66058798	66059736	428
ENSG0000(	2.012384	4.449513	-1.0492	0.33297	0.4363	CTD-2555A	chr16	-	89179583	89181687	2105
ENSG0000(	0	1.309443	-1.6539	0.35008	NA	RP11-320A	chr15	-	89532750	89533476	727
ENSG0000(	6.007242	0	4.1622	0.002187	0.005142	RP11-467J	chr16	-	53069602	53086785	464
ENSG0000(	12.34586	3.131949	1.8783	0.030058	0.056851	RP11-29G8	chr13	+	76123909	76381256	4128
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-810K	chr15	-	21098712	21099309	598
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTD-3229J	chr16	+	17919109	17920763	1655
ENSG0000(	109.519	114.4619	-0.06527	0.79679	0.85571	RP11-296I	chr16	-	70253477	70279519	2631
ENSG0000(	2.105701	2.96444	-0.44288	0.7275	0.79848	RP11-1H8.	chr15	+	34786621	34788101	1481
ENSG0000(	12.33649	13.53062	-0.14204	0.82099	0.87413	RP11-166B	chr16	-	11974932	11976426	1495
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-616M	chr16	-	1323752	1326523	330
ENSG0000(	1.390706	1.577319	-0.17072	0.90775	0.93646	RP11-680G	chr16	+	85391069	85393055	289
ENSG0000(	3.588096	12.10624	-1.5887	0.084105	0.13951	RP11-524C	chr6	+	22221010	22222624	1615
ENSG0000(	0.290301	2.185918	-1.9959	0.19817	0.28639	RP11-744I2	chr7	-	1.41E+08	1.41E+08	474
ENSG0000(	2.697468	5.162511	-0.87302	0.38682	0.49106	RP11-384L	chr3	-	32278180	32280070	1891
ENSG0000(	3.818411	3.870053	-0.04813	0.96135	0.977	RP1-168P1	chr16	-	89458783	89478972	420
ENSG0000(	0.943682	2.681995	-1.2372	0.34143	0.44528	RP11-259G	chr17	+	44344403	44346060	491
ENSG0000(	275.8461	45.64661	2.5861	7.29E-35	1.10E-33	RP11-21L2	chr11	+	76511408	76515599	4192
ENSG0000(	0.943682	0	1.2438	0.48556	NA	RP11-665A	chr15	-	28820165	28824546	725
ENSG0000(	3.994857	2.012704	0.86135	0.47439	0.57897	RP4-614O4	chr20	-	33855688	33867846	529
ENSG0000(	15.94593	9.185503	0.76791	0.16926	0.25107	RP11-457M	chr6	+	26686469	26688192	1724
ENSG0000(	60.81048	182.5609	-1.5771	8.59E-10	3.99E-09	RP11-923I1	chr12	+	52211683	52213934	2094
ENSG0000(	1.960143	5.332435	-1.303	0.20874	0.29872	AC002310.	chr16	-	30598983	30599241	259
ENSG0000(	24.58545	31.40132	-0.34139	0.49958	0.60329	CTC-462L7	chr17	+	53246184	53250993	4810
ENSG0000(	2.044087	0.594029	1.3107	0.3797	0.48372	RP11-178L	chr16	-	87430310	87433901	513
ENSG0000(	16.80486	17.60302	-0.07017	0.89663	0.92836	TPBGL	chr11	+	74951950	74954742	2793
ENSG0000(	1.027626	0	1.1491	0.51623	NA	RP11-426L	chr1	+	1.13E+08	1.13E+08	2125
ENSG0000(	9.699819	5.003866	0.92471	0.20701	0.29672	CTB-31N19	chr16	+	21638063	21638723	661
ENSG0000(	25.09588	18.24633	0.44759	0.32101	0.42382	RP11-353B	chr15	+	49944336	49948429	4094
ENSG0000(	0	2.558194	-2.582	0.12605	0.1967	PRSS46	chr3	-	46761073	46777919	982
ENSG0000(	22.31446	13.94089	0.66379	0.15932	0.23885	CTD-2636A	chr5	+	43287703	43290941	2125
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-414J	chr15	+	75108564	75124136	5356
ENSG0000(	220.6557	656.7582	-1.5728	3.26E-24	3.31E-23	MIR4720	chr16	+	81416874	81424489	7616
ENSG0000(	0.705622	3.215331	-1.8601	0.16276	0.24315	AP000265.	chr21	-	33632115	33633896	1782
ENSG0000(	1.048164	0.343138	0.98412	0.56751	NA	RP11-20I23	chr16	-	2604061	2606061	2001
ENSG0000(	0.653381	0.297015	0.51304	0.77085	NA	YBX3P1	chr16	-	31579707	31580796	1090
ENSG0000(	14.1708	3.945314	1.7696	0.01362	0.027846	RP11-6O2.	chr15	+	99679522	99685575	2677
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	RP11-243A	chr16	+	9449445	9501950	5298
ENSG0000(	1.681007	2.38498	-0.43426	0.7221	0.79438	HMGN2P4	chr16	-	35037240	35037651	412
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-189E	chr16	+	49500017	49503786	3673
ENSG0000(	0	1.964165	-2.2052	0.20143	0.2901	RP5-914M(	chr7	+	1.41E+08	1.41E+08	478
ENSG0000(	1.919068	4.49322	-1.1043	0.29026	0.39188	RP11-554A	chr11	-	68768233	68769516	1284
ENSG0000(	0.290301	1.073121	-0.88899	0.61676	NA	RP11-540B	chr15	+	31191683	31192530	330
ENSG0000(	0	2.010288	-2.4674	0.13027	0.202	RP5-842K1	chr7	-	1.41E+08	1.41E+08	596
ENSG0000(	2.749709	2.38498	0.17763	0.87604	0.91398	RP11-357M	chr16	-	54015141	54015824	547
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP11-390D	chr15	+	72264547	72332606	781
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-405F	chr16	-	57655946	57665559	556
ENSG0000(	0	2.65044	-2.9164	0.059842	0.10422	RP11-352D	chr15	-	69570667	69591102	2419
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-618M	chr15	+	36905675	36906399	725
ENSG0000(	0	2.445673	-2.4958	0.14169	0.21611	RP11-700H	chr16	-	58881711	58914117	505
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-309H	chr1	+	1.91E+08	1.91E+08	3125
ENSG0000(	16.52572	17.51393	-0.07532	0.87905	0.91579	RP11-529E	chr4	-	3505324	3506184	861
ENSG0000(	0.632843	1.372552	-0.72827	0.66417	0.74737	RP11-327F	chr16	-	50769624	50774627	1150
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-489G	chr4	-	1.74E+08	1.74E+08	2209
ENSG0000(	2.468781	0.891044	1.0253	0.519	0.62164	GOLGA6L7	chr15	-	29087381	29093821	1984
ENSG0000(	8.184907	4.850927	0.70863	0.35505	0.45932	FLJ27352	chr15	+	55700746	55710962	729
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-21L1	chr16	+	63969682	63970810	1129
ENSG0000(	6.452473	6.198372	0.057745	0.94663	0.96609	RP11-96K1	chr1	-	1.11E+08	1.11E+08	5985

ENSG0000(	8.360376	3.602177	1.1283	0.19274	0.28004	CTD-3064M	chr8	-	1.42E+08	1.42E+08	1963
ENSG0000(	1.390706	0.715414	0.66481	0.68868	0.76789	CTD-2258A	chr16	-	66503699	66515133	533
ENSG0000(	11.80471	86.11943	-2.8089	2.72E-13	1.60E-12	RP11-102F	chr8	-	70579284	70582549	3266
ENSG0000(	17.92499	5.427098	1.6514	0.034793	0.064803	LA16c-313	chr16	+	739001	742554	3413
ENSG0000(	13.78799	2.309719	2.4119	0.005331	0.011811	RP5-1042I	chr1	-	1.2E+08	1.2E+08	1359
ENSG0000(	14.77275	29.0634	-0.96333	0.032852	0.061508	RP11-304L	chr16	+	2290488	2291819	788
ENSG0000(	0.290301	0	0.4146	0.81455	NA	TUBA8P2	chr15	+	84408536	84408951	416
ENSG0000(	0	6.131232	-4.1953	0.002044	0.004829	RP11-520P	chr8	+	1.44E+08	1.44E+08	988
ENSG0000(	2.914991	3.556053	-0.26238	0.79717	0.85607	RP11-50D9	chr4	-	1.29E+08	1.29E+08	3843
ENSG0000(	4.595998	11.02499	-1.2015	0.10073	0.16247	CTD-2515A	chr16	-	24814772	24831060	579
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	RP11-1C8.1	chr8	+	1.04E+08	1.04E+08	4597
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-475B	chr4	+	1.75E+08	1.75E+08	885
ENSG0000(	1.016461	1.248751	-0.24927	0.8717	0.91028	RP11-328J	chr16	-	72258464	72259043	391
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP5-1119A	chr22	-	36956917	36958962	2046
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-146F	chr16	-	30635606	30636035	430
ENSG0000(	193.0551	74.21804	1.3708	2.87E-08	1.17E-07	RP11-401P	chr16	+	50679720	50683160	3441
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-473C	chr15	-	43476277	43477339	532
ENSG0000(	41.62918	59.61752	-0.51788	0.084002	0.13937	AC009133.	chr16	-	29829301	29832573	970
ENSG0000(	0.705622	2.399549	-1.4579	0.29376	0.39582	RP1-168P1	chr16	-	89486483	89488634	415
ENSG0000(	0	3.290593	-3.2571	0.028994	0.055057	RP13-467H	chr8	+	1.43E+08	1.43E+08	3377
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-354P	chr9	-	21394887	21396345	1459
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-178L	chr16	-	87296365	87326044	1718
ENSG0000(	1.306762	0.297015	1.2542	0.45876	NA	HPR	chr16	+	72088522	72111145	1244
ENSG0000(	48.87301	75.4312	-0.62756	0.041118	0.075141	RP11-61A1	chr16	+	66921918	66922834	762
ENSG0000(	0	2.307303	-2.6761	0.094365	0.15383	RP11-264M	chr16	-	77775365	77776897	800
ENSG0000(	14.60747	0.700845	4.012	8.22E-05	0.000237	RP11-358L	chr15	+	79705700	79706228	529
ENSG0000(	0.653381	1.294874	-0.76351	0.61066	0.70317	CTD-2562G	chr15	+	75707590	75708361	466
ENSG0000(	87.95061	98.73148	-0.16389	0.4786	0.58289	RP11-196G	chr1	-	1.5E+08	1.5E+08	4527
ENSG0000(	2.282147	6.558496	-1.3805	0.15688	0.23594	CTD-2196E	chr16	+	23617162	23635428	627
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-307C	chr13	-	35499971	35502213	2243
ENSG0000(	0.342542	0	0.4146	0.81455	NA	GS1-204I17	chr1	+	1.86E+08	1.86E+08	901
ENSG0000(	2.209369	11.80922	-2.2472	0.006909	0.014975	CTD-2358C	chr16	-	31720434	31723305	441
ENSG0000(	14.84553	18.71085	-0.32419	0.51078	0.61399	LA16c-431	chr16	+	1682260	1736716	5326
ENSG0000(	0.580602	1.058552	-0.51948	0.75894	NA	AC002551.	chr16	+	27654520	27655984	592
ENSG0000(	7.522153	3.466222	1.0178	0.26642	0.36514	RP4-612B1	chr1	-	87169185	87170145	961
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	GOLGA8S	chr15	+	23599895	23612378	4349
ENSG0000(	2.842212	2.96444	-0.03909	0.97123	0.98416	BOLA2B	chr16	-	29454551	29465972	3103
ENSG0000(	3.22583	3.558469	-0.13008	0.89709	0.9286	RP11-256I	chr16	-	65318402	65610203	1760
ENSG0000(	6.741961	7.036845	-0.06153	0.93793	0.95905	RP11-21B2	chr16	-	88579368	88597461	733
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	IST1	chr16	+	71879899	71950997	503
ENSG0000(	0	16.47881	-5.6476	2.71E-06	9.27E-06	CTC-523E2	chr19	-	35302493	35305249	2757
ENSG0000(	3.942617	3.039702	0.35597	0.71606	0.78964	AC005592.	chr5	+	1.42E+08	1.42E+08	1640
ENSG0000(	2.645227	1.309443	0.86383	0.48715	0.59112	RP11-102M	chr3	+	1.36E+08	1.36E+08	3151
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-626G	chr16	-	19131298	19132951	1137
ENSG0000(	1.597063	8.326014	-2.1687	0.023853	0.046258	RP11-1223	chr2	+	1.11E+08	1.11E+08	857
ENSG0000(	5.310179	24.06269	-2.0667	0.002215	0.005203	RP11-650L	chr15	-	78881465	78883618	2154
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	KRT18P18	chr16	+	72762515	72763793	1279
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-498D	chr16	-	71915456	71916176	426
ENSG0000(	8.268851	6.985016	0.23522	0.73165	0.80182	RP11-22P6	chr16	-	28873487	28874661	544
ENSG0000(	7.158095	3.916176	0.79817	0.34837	0.45262	CTC-459F4.	chr19	-	28248092	28251757	3666
ENSG0000(	0.72616	1.698704	-0.96528	0.52511	0.62708	WI2-89031	chrX	-	1.54E+08	1.54E+08	792
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-328J	chr16	+	72312167	72312467	301
ENSG0000(	1.338465	5.554188	-1.8676	0.075769	0.12751	RP11-10O1	chr15	+	74781943	74809300	361
ENSG0000(	3.382552	5.424682	-0.63615	0.49121	0.59522	RP11-529K	chr16	-	70349543	70380650	1471
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP5-1173P	chr7	-	1.41E+08	1.41E+08	174
ENSG0000(	0.72616	7.097537	-2.9011	0.016793	0.033675	CTD-2354A	chr18	+	70992176	71017113	1165
ENSG0000(	2.375464	2.353426	0.005331	0.99624	0.99783	RP11-252K	chr16	-	75413716	75415158	374
ENSG0000(	2.645227	18.87924	-2.7147	0.000182	0.000501	RP4-555D2	chr3	+	44158791	44163857	5067
ENSG0000(	0	30.93619	-6.5153	2.18E-08	9.01E-08	TCF24	chr8	-	67858736	67874825	2450
ENSG0000(	0.342542	1.84278	-1.6267	0.32697	0.42994	RP11-480G	chr16	-	46737281	46737937	657
ENSG0000(	0.342542	0	0.4146	0.81455	NA	DNM1P28	chr15	-	30391029	30394296	474
ENSG0000(	8.185721	10.6503	-0.38021	0.56621	0.66407	GOLGA8H	chr15	+	30896329	30906764	1899
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-90P1	chr7	-	161765	164972	3208
ENSG0000(	0	2.073397	-2.2159	0.20168	0.2903	RP11-744I2	chr7	-	1.41E+08	1.41E+08	385
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	RP1-118J2	chr1	+	40254648	40255843	1196

ENSG0000(	97.91489	90.33591	0.11063	0.6464	0.73288	RP11-283I:	chr12	-	383120	386289	3170
ENSG0000(	140.3173	96.76572	0.53523	0.019413	0.038425	LOXL1-AS1	chr15	-	74200424	74220589	2358
ENSG0000(	0	3.022717	-3.0495	0.04972	0.088547	RP11-44F1	chr16	+	53407405	53418657	721
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-430C	chr16	+	59889257	60087875	6584
ENSG0000(	0	54.91382	-7.348	2.93E-11	1.51E-10	TUBB8P7	chr16	+	90159562	90162762	2115
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-151H	chr15	-	75268581	75268914	334
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	RP11-502H	chr1	-	1.8E+08	1.8E+08	506
ENSG0000(	0.943682	0	1.2438	0.48556	NA	RP11-351A	chr16	+	65614571	65680850	428
ENSG0000(	10.12451	9.344147	0.10406	0.87576	0.91376	RP11-680G	chr16	-	15082116	15084017	1902
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	DNM1P35	chr15	-	76083811	76085024	474
ENSG0000(	0.705622	5.108266	-2.4252	0.061333	0.10638	CTD-2311N	chr15	+	74657776	74659391	785
ENSG0000(	1.08924	1.012429	0.056203	0.97303	0.98493	RP11-48G1	chr15	-	56700681	56702384	839
ENSG0000(	111.7347	154.5746	-0.46654	0.068754	0.11729	LINC00662	chr19	-	28175488	28284848	2480
ENSG0000(	0.290301	0.686276	-0.47648	0.78935	NA	RP11-340F	chr12	+	1.22E+08	1.22E+08	477
ENSG0000(	0.36308	0.951736	-0.91212	0.59701	NA	RP11-223I:	chr2	+	2.32E+08	2.32E+08	598
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-533E	chr1	-	1.8E+08	1.8E+08	447
ENSG0000(	0.943682	1.012429	-0.05362	0.97279	0.98486	RP11-264L	chr16	+	78568271	78569545	707
ENSG0000(	2.738544	1.531196	0.66404	0.6096	0.70234	RP11-303E	chr16	+	81103459	81110203	408
ENSG0000(	6.26584	14.63288	-1.1937	0.052435	0.092701	RP11-146F	chr16	-	30709030	30710379	1142
ENSG0000(	0.580602	0.297015	0.36801	0.83644	NA	RP11-143I:	chr7	+	1.49E+08	1.49E+08	2216
ENSG0000(	0	4.317591	-3.6334	0.012226	0.025232	CTD-2309C	chr17	-	3038263	3080325	534
ENSG0000(	2.718006	0	2.9226	0.060365	0.10495	MIA	chr19	+	41277553	41283395	632
ENSG0000(	0.72616	1.043983	-0.36115	0.83043	NA	RP11-67A1	chr16	+	68111243	68156174	549
ENSG0000(	3.04001	8.501643	-1.4215	0.08243	0.13703	RP11-104C	chr17	+	4204667	4205993	1327
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP5-867C2	chr17	+	45247192	45248415	673
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	RP11-515E	chr17	-	53545427	53588299	566
ENSG0000(	4.729577	2.840639	0.66425	0.50899	0.61238	RP11-333E	chr17	+	5095379	5151364	1715
ENSG0000(	14.39851	14.54949	-0.01189	0.98104	0.98953	CTC-479C5	chr16	-	67963517	67969920	5685
ENSG0000(	2.188831	1.606458	0.36924	0.78944	0.84972	RP11-63A1	chr17	-	44994136	45000400	395
ENSG0000(	19.49295	6.629725	1.5092	0.017732	0.035406	AC144831.	chr17	+	81061205	81063860	2656
ENSG0000(	7.200149	7.079679	0.031857	0.96843	0.9823	RP11-473N	chr16	-	3206737	3207484	748
ENSG0000(	53.83551	27.43096	0.95665	0.033002	0.061759	RP1-59D14	chr17	-	2292560	2295372	2813
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-109N	chr16	-	10813872	10815321	1450
ENSG0000(	7.239433	3.6483	0.91585	0.32799	0.43104	RP11-235E	chr17	-	3505055	3505566	512
ENSG0000(	2.73773	2.949871	-0.07302	0.95353	0.97114	CTD-2561B	chr17	-	78940039	78945013	3133
ENSG0000(	0	8.856934	-4.7449	0.000237	0.000644	RP11-388N	chr16	+	31237281	31238481	1201
ENSG0000(	20.63264	5.347004	1.9037	0.001166	0.002865	PCDHGA9	chr5	+	1.41E+08	1.41E+08	4605
ENSG0000(	0.975385	0.891044	0.066016	0.96851	NA	CTC-496I23	chr16	-	19830826	19830950	125
ENSG0000(	4.886299	29.79829	-2.5187	6.11E-05	0.000179	CTD-3148I:	chr19	+	49927006	49932075	1876
ENSG0000(	3.661688	0	3.386	0.022371	0.043672	RP11-893F	chr17	-	48240884	48242677	1794
ENSG0000(	0	215.7584	-9.1049	2.12E-16	1.50E-15	RP11-74E2	chr17	-	2627714	2652714	792
ENSG0000(	1.866827	0	2.3484	0.15622	NA	RP11-342L	chr6	+	80262511	80262877	367
ENSG0000(	46.16617	78.47163	-0.76435	0.021895	0.042841	RP11-473N	chr16	-	3101992	3109371	2163
ENSG0000(	2.987769	4.441392	-0.51847	0.58879	0.68423	CTD-2529C	chr17	+	77997693	77999906	415
ENSG0000(	2.334388	5.811527	-1.2086	0.20676	0.29652	CTC-281F2.	chr17	-	6556783	6558328	879
ENSG0000(	6.753939	1.40169	2.0801	0.047324	0.084819	RP11-212I:	chr16	+	55572112	55575939	3828
ENSG0000(	129.0205	299.7503	-1.2122	2.48E-12	1.37E-11	DLGAP1-AS	chr18	+	3602998	3608334	2261
ENSG0000(	3.330311	2.652857	0.28626	0.80357	0.86109	RP11-676J	chr17	+	812872	814452	820
ENSG0000(	0	3.50993	-3.0391	0.063282	0.10928	AC003009.	chr16	-	13425225	13426440	686
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-66H6	chr16	-	11160353	11164959	610
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-63A1	chr17	-	44987108	44988878	494
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-177N	chr16	+	47563101	47563827	493
ENSG0000(	2.104887	1.188058	0.5899	0.71024	0.78476	RP11-81K2	chr17	+	47448102	47554350	382
ENSG0000(	10.94578	37.08998	-1.7387	0.000131	0.000367	RP13-1032	chr17	-	79668354	79670330	1977
ENSG0000(	0.36308	1.66715	-1.5237	0.35755	0.46184	RP11-74E2	chr17	+	2615603	2616127	443
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-1260	chr17	+	180996	183279	2252
ENSG0000(	1.379541	8.567168	-2.3282	0.046899	0.084144	SNORD3B-2	chr17	-	18966762	18967449	688
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	IL9RP4	chr18	-	80140	88570	1248
ENSG0000(	0	2.529055	-2.8037	0.077578	0.13005	OR1P1	chr17	-	3057183	3058176	994
ENSG0000(	8.196886	5.461941	0.52989	0.50422	0.6077	RP11-510N	chr16	-	71481500	71486552	5053
ENSG0000(	3.682226	2.24661	0.61727	0.57373	0.67088	RP11-589P	chr17	-	6897961	6898508	343
ENSG0000(	11.29688	3.763237	1.4764	0.065563	0.11265	PCDHB19P	chr5	+	1.41E+08	1.41E+08	2347
ENSG0000(	1.701545	1.248751	0.32998	0.81004	0.86609	CTD-2561B	chr17	-	78997345	78999303	368
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CTC-524C5	chr17	+	5372412	5373680	398
ENSG0000(	1.608228	0	1.9264	0.27132	NA	RP11-455C	chr17	+	79171193	79174088	805

ENSG0000(	0.705622	0	0.8807	0.6196	NA	BCAR4	chr16	-	11913686	11922702	1273
ENSG0000(	0.36308	2.292733	-2.0767	0.16466	0.24554	RP11-483C	chr14	-	27061953	27063723	1771
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-510M	chr16	+	71454386	71455421	333
ENSG0000(	0.943682	0.640152	0.39749	0.80623	NA	RP11-676J	chr17	+	781142	783333	585
ENSG0000(	2.479132	0.343138	2.0251	0.20437	0.29351	CTD-2033A	chr16	+	69760916	69776466	592
ENSG0000(	1.608228	0.343138	1.4905	0.36958	0.47408	RP11-417M	chr16	+	71867690	71869835	881
ENSG0000(	0.975385	0.951736	0.017636	0.99106	0.99529	CTC-479C5	chr16	-	67889858	67890014	157
ENSG0000(	15.2104	9.531057	0.6496	0.29208	0.39398	RP13-638C	chr17	-	80545189	80546287	318
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-876M	chr16	-	10958771	10982609	575
ENSG0000(	0	5.133373	-3.9127	0.00541	0.01197	LINC00514	chr16	+	3038962	3044510	3385
ENSG0000(	1.846289	6.639462	-1.6214	0.13146	0.2036	RP11-266L	chr16	+	25078258	25080264	1875
ENSG0000(	4.459813	4.150082	0.093828	0.92332	0.94839	RP11-81A2	chr17	-	4704454	4710308	562
ENSG0000(	4.637074	3.861932	0.25717	0.80445	0.86177	CTA-972D3	chr16	+	15978886	15980015	536
ENSG0000(	11.27537	10.13966	0.14007	0.82403	0.87591	CTD-2529C	chr17	-	77965743	77966640	443
ENSG0000(	1.919068	48.94049	-4.473	7.47E-12	3.99E-11	RP1-302G2	chr6	+	44184676	44185973	817
ENSG0000(	16.03665	11.48468	0.48068	0.39982	0.50456	OCLM	chr1	+	1.86E+08	1.86E+08	884
ENSG0000(	1.794048	1.591889	0.16044	0.90632	0.9355	RP11-462G	chr16	-	3997610	4000445	1394
ENSG0000(	0.290301	0.640152	-0.50256	0.77558	NA	RP11-353M	chr17	+	77893156	77899261	1540
ENSG0000(	26.00867	23.22193	0.14811	0.74799	0.81551	CTD-3195I9	chr17	-	3705459	3706676	518
ENSG0000(	0	6.399108	-4.2399	0.001901	0.004513	RP11-124M	chr13	+	23492730	23498741	585
ENSG0000(	0	12.36841	-5.1709	5.25E-05	0.000155	RP11-160E	chr17	-	19015313	19015949	637
ENSG0000(	3.682226	11.36497	-1.5422	0.075357	0.12696	PCDHGB3	chr5	+	1.41E+08	1.41E+08	4727
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC144836.	chr17	-	1145233	1157294	340
ENSG0000(	10.62117	7.045709	0.58554	0.38713	0.49129	RP11-876M	chr16	+	11034576	11036878	2147
ENSG0000(	6.991186	0.937167	2.5465	0.020292	0.039977	RP11-1055	chr17	-	79349801	79359160	702
ENSG0000(	7.491264	3.823929	0.88086	0.30418	0.40558	RP5-1050D	chr17	+	4891001	4891741	551
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-960B	chr17	-	6092681	6093861	503
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	AC003009.	chr16	+	13552183	13552555	373
ENSG0000(	37.73978	97.41821	-1.3582	3.39E-05	0.000102	CORO7	chr16	-	4404543	4475706	3578
ENSG0000(	5.561032	6.912171	-0.3112	0.73252	0.80237	RP11-235E	chr17	-	3522550	3523207	344
ENSG0000(	10.11595	22.45952	-1.1371	0.035091	0.065304	RP11-199F	chr17	-	7588578	7589689	1112
ENSG0000(	2.967231	1.949596	0.53216	0.62792	0.71773	RP5-867C2	chr17	-	45238441	45239430	401
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	U95743.1	chr16	-	13823994	13873617	1001
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-1260	chr17	+	202429	207372	748
ENSG0000(	0.923144	0	1.223	0.49292	NA	RP11-55L4	chr17	-	9550337	9550977	195
ENSG0000(	0.685084	4.334576	-2.2574	0.079522	0.1328	RP5-1107A	chr17	+	55017293	55018636	549
ENSG0000(	0.995923	0.357707	1.0227	0.53712	NA	SHPK	chr17	-	3468738	3539543	4753
ENSG0000(	0.943682	0.357707	0.90033	0.60199	NA	LA16c-390	chr16	+	3594431	3595785	480
ENSG0000(	0.923144	0.891044	0.024713	0.98823	NA	CTD-2561B	chr17	-	78914218	78915833	494
ENSG0000(	2.012384	3.441116	-0.67691	0.55892	0.65775	CTC-457L1	chr17	-	19044330	19047002	2673
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-517A	chr16	+	16316884	16318118	542
ENSG0000(	14.02687	11.96545	0.20793	0.7165	0.79003	HNRNPA1P	chr17	+	2210055	2211009	955
ENSG0000(	0.36308	0.951736	-0.91212	0.59701	NA	RP11-1197	chr17	+	80936401	80939614	401
ENSG0000(	1.08924	0.700845	0.41139	0.80818	NA	AP005530.	chr18	+	11103	15928	920
ENSG0000(	1.286224	0.343138	1.3346	0.40921	NA	CTD-3195I9	chr17	+	3632655	3633787	398
ENSG0000(	15.82092	19.86582	-0.32162	0.6064	0.69958	DOC2B	chr17	-	5810	31427	1281
ENSG0000(	0	5.439251	-3.9884	0.004243	0.009542	LA16c-380	chr16	-	3053432	3055102	608
ENSG0000(	0	18.68568	-5.5021	5.85E-05	0.000171	RP11-473M	chr16	-	3126912	3137101	1207
ENSG0000(	6.14082	5.254758	0.21828	0.7813	0.84307	RP11-669E	chr17	+	44112679	44113136	304
ENSG0000(	0.923144	1.012429	-0.06857	0.96524	0.97971	CTB-193M1	chr16	+	15777147	15778427	503
ENSG0000(	1.628766	0.937167	0.62094	0.6577	0.74212	RP11-667K	chr17	-	2030724	2031198	475
ENSG0000(	0.72616	0.357707	0.52227	0.76959	NA	RP11-670E	chr17	-	54962000	54962180	181
ENSG0000(	3.620613	5.673157	-0.60265	0.48831	0.59238	RP11-388C	chr17	+	80702944	80703585	642
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-85G1	chr10	+	27532059	27539733	1002
ENSG0000(	1.265686	3.933161	-1.3399	0.31788	0.42064	RP11-490C	chr16	+	11835766	11838362	2597
ENSG0000(	7.749862	7.936752	-0.0443	0.94781	0.96705	RP11-676J	chr17	-	692984	693765	486
ENSG0000(	0.72616	1.073121	-0.33426	0.84917	NA	CTD-2545H	chr17	+	1898908	1906832	737
ENSG0000(	14.37797	6.087525	1.1798	0.075492	0.12715	RP11-65J2	chr16	+	14396145	14420210	651
ENSG0000(	12.0025	22.69833	-0.88592	0.1554	0.234	RP11-95P2	chr16	-	4295826	4303790	2093
ENSG0000(	0	1.073121	-1.1788	0.50551	NA	TVP23CP2	chr16	+	14294214	14294836	623
ENSG0000(	0.36308	0.594029	-0.39069	0.82661	NA	SAMD11P1	chr17	-	2516578	2517238	661
ENSG0000(	1.742621	3.974453	-1.0467	0.39593	0.50049	LA16c-321	chr16	-	2989715	3004277	510
ENSG0000(	0.290301	5.34942	-3.2412	0.016741	0.033576	CTC-360G5	chr19	-	39399620	39402798	1057
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-876M	chr16	-	10934241	10935401	1161
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-46I8.	chr17	+	4963651	4965418	416

ENSG0000(	0	4.614605	-3.7344	0.009326	0.019701	AC002128.	chr19	-	35723194	35723906	713
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	RP11-259G	chr17	+	44320972	44322410	1439
ENSG0000(	0	4.799099	-3.771	0.008702	0.018506	RP11-530N	chr17	-	6830791	6831510	720
ENSG0000(	1.991846	2.041842	-0.02216	0.98492	0.99129	RP11-96D1	chr16	+	68233698	68234884	1187
ENSG0000(	0.72616	0.937167	-0.27927	0.86891	NA	RP11-95J1	chr16	+	3890529	3891011	483
ENSG0000(	0	1.355566	-1.9006	0.26573	NA	RP11-141J	chr17	+	4475501	4475810	310
ENSG0000(	0	1.355566	-1.9006	0.26573	NA	AJ003147.	chr16	-	3231233	3234018	454
ENSG0000(	1.576526	1.058552	0.50409	0.72225	0.79444	CTA-276F8.	chr16	-	14285677	14294134	415
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-259G	chr17	-	44336917	44337972	1056
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	RP3-422G2	chr6	+	1.39E+08	1.39E+08	855
ENSG0000(	6.399419	2.947455	1.0466	0.24403	0.33965	RP11-44F1	chr16	-	53524952	53527880	2929
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-1260	chr17	+	204528	206673	913
ENSG0000(	15.48954	13.38171	0.20017	0.71184	0.78615	PCDHGA4	chr5	+	1.41E+08	1.41E+08	4602
ENSG0000(	4.345959	24.24248	-2.3491	0.000679	0.001728	RP11-334C	chr17	-	78174472	78179748	4399
ENSG0000(	11.02793	20.36357	-0.86848	0.17908	0.26311	RP11-77K1	chr16	-	75533686	75550178	637
ENSG0000(	3.081086	2.353426	0.34079	0.75172	0.8186	RP11-353N	chr17	-	77889051	77900524	5271
ENSG0000(	6.483362	10.46339	-0.65933	0.34415	0.44811	RP11-266L	chr16	+	25043202	25069430	574
ENSG0000(	39.43456	36.02331	0.12657	0.71491	0.78872	CTC-786C1	chr16	+	85204882	85218969	777
ENSG0000(	0	5.644019	-4.0878	0.002692	0.006253	LINC00621	chr13	-	23468795	23490508	1177
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	LA16c-306	chr16	+	3415099	3536953	2238
ENSG0000(	0.290301	1.043983	-0.98014	0.57012	NA	RP5-1107A	chr17	+	55029025	55029765	410
ENSG0000(	1.939605	2.915901	-0.50669	0.67941	0.76001	CTD-3088G	chr16	-	11474716	11474975	260
ENSG0000(	9.151733	3.480792	1.2769	0.1383	0.21176	RP13-638C	chr17	+	80535899	80536492	594
ENSG0000(	0.290301	1.744828	-1.592	0.3373	0.44103	RP11-170L	chr16	+	31923175	31928172	4998
ENSG0000(	0.290301	0.640152	-0.50256	0.77558	NA	CTD-2561B	chr17	-	78934566	78935513	549
ENSG0000(	7.304631	16.28875	-1.1127	0.13847	0.21199	RP11-497H	chr17	+	80876158	80876661	504
ENSG0000(	1.555988	2.353426	-0.47924	0.70093	0.77756	AJ003147.	chr16	+	3238212	3274779	629
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-64J4.	chr17	-	3182069	3289633	586
ENSG0000(	3.402276	0.297015	2.4758	0.11076	0.17613	RP5-1050D	chr17	+	4889761	4890619	542
ENSG0000(	0.290301	1.234181	-1.1976	0.48275	NA	RP11-311F	chr17	+	19622372	19625741	3370
ENSG0000(	10.16559	9.767379	0.050123	0.9376	0.9588	AC005356.	chr16	-	4374668	4378341	340
ENSG0000(	14.49264	5.208634	1.4015	0.045417	0.081755	CTC-277H1	chr16	+	67295011	67297687	2677
ENSG0000(	12.62418	9.932471	0.34515	0.54554	0.64577	CTD-3195I9	chr17	+	3624922	3625782	291
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	RP11-461I8.	chr17	-	4978973	4981408	490
ENSG0000(	2.116866	0	2.2857	0.18371	0.26889	RP11-266L	chr16	+	25104708	25106576	1869
ENSG0000(	14.38913	31.48725	-1.1111	0.01157	0.023985	RP11-485G	chr16	-	11442000	11443178	1095
ENSG0000(	0.943682	0.357707	0.90033	0.60199	NA	RP11-411G	chr17	+	519242	519835	594
ENSG0000(	5.984098	4.273883	0.46634	0.59796	0.692	RP11-295D	chr16	-	4385871	4387819	1949
ENSG0000(	0	2.604317	-2.8535	0.070151	0.11941	RP11-44F1	chr16	+	53420856	53422997	2142
ENSG0000(	4.657611	1.903472	1.1311	0.29982	0.4014	AC123768.	chr15	-	32898619	32907361	966
ENSG0000(	2.261609	1.652581	0.40343	0.73433	0.80389	CTD-2135D	chr16	-	14024534	14029492	4934
ENSG0000(	12.04358	0.654722	3.7624	0.000322	0.000859	CTD-2377D	chr17	+	46760729	46781844	618
ENSG0000(	217.6954	154.9264	0.4914	0.005409	0.011969	CTD-3195I9	chr17	-	3710042	3712148	2107
ENSG0000(	11.31823	8.966166	0.32343	0.58737	0.68295	RP11-196G	chr16	+	31129399	31130068	543
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	RP11-353N	chr17	+	77774397	77776326	605
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-1113	chr17	-	19463424	19501235	730
ENSG0000(	0.995923	0.343138	1.0212	0.53809	NA	RP11-353N	chr17	+	77797251	77801503	1788
ENSG0000(	8.03935	6.067251	0.39339	0.64749	0.73364	RP11-818C	chr17	+	1327767	1329778	570
ENSG0000(	2.241072	0.357707	1.8948	0.23936	0.33403	RP11-214C	chr17	-	14198829	14200917	1885
ENSG0000(	0.342542	9.413704	-4.0391	0.001043	0.002579	U91319.1	chr16	+	13340173	13656775	764
ENSG0000(	0	1.623443	-1.9406	0.26756	NA	RP11-160A	chr6	+	71403542	71404322	781
ENSG0000(	0.943682	0.654722	0.38398	0.81258	NA	RP11-667K	chr17	+	1992975	2004854	528
ENSG0000(	44.50391	104.9697	-1.2356	0.000108	0.000306	MRPL12	chr17	+	79670387	79674556	1028
ENSG0000(	2.946693	0.937167	1.3561	0.29905	0.40075	RP11-565F	chr17	+	9368059	9370739	513
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-636N	chr17	+	6321005	6321584	278
ENSG0000(	5.923298	4.464082	0.36631	0.66019	0.74414	RP11-615I2	chr16	+	68595964	68601032	5069
ENSG0000(	3.620613	3.80936	-0.08473	0.93048	0.95402	RP11-28G8	chr17	-	78775440	78779432	3204
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC108004.	chr17	-	33615	41378	1185
ENSG0000(	1.628766	19.82527	-3.3945	2.11E-05	6.52E-05	RP11-304F	chr17	+	47911601	47913816	416
ENSG0000(	1.379541	0.357707	1.2814	0.44909	NA	CYCSP40	chr17	-	75195032	75195625	294
ENSG0000(	3.007494	3.327852	-0.11775	0.93208	0.95543	CTD-2561B	chr17	-	78991769	78993811	869
ENSG0000(	0	93.50278	-8.0446	2.67E-13	1.57E-12	CTD-2616J	chr19	-	51891543	51893828	1318
ENSG0000(	29.00337	86.31063	-1.5572	9.79E-06	3.15E-05	RP11-1055	chr17	-	79361930	79364056	1561
ENSG0000(	147.2624	77.17683	0.92276	5.00E-05	0.000148	RP11-156P	chr17	-	45061411	45177689	1081
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-104H	chr17	+	7323422	7347400	1975

ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-669E	chr17	-	43985036	43988145	759
ENSG0000(	3.257533	6.564201	-0.94218	0.2813	0.38233	CTD-3060P	chr17	-	2865542	2869189	2546
ENSG0000(	0.290301	0.951736	-0.90191	0.60254	NA	RP11-462G	chr16	-	3981218	3996306	774
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC139099.	chr17	+	81091900	81125376	641
ENSG0000(	0.290301	1.043983	-0.98014	0.57012	NA	RP11-750B	chr17	+	51183095	51183719	625
ENSG0000(	34.31355	13.64146	1.319	0.00293	0.006764	RP11-235E	chr17	-	3558915	3561386	874
ENSG0000(	2.229907	0.700845	1.389	0.32063	0.42347	RP11-144N	chr16	+	74701404	74702604	1201
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP5-1029F	chr17	+	455806	456657	592
ENSG0000(	0.342542	0.700845	-0.57269	0.74414	NA	RP11-1260	chr17	+	171183	172244	411
ENSG0000(	0.36308	1.073121	-0.87448	0.62195	NA	RP11-141J	chr17	+	4469047	4475055	537
ENSG0000(	1.919068	96.80935	-5.4417	4.47E-19	3.59E-18	ALOX12P2	chr17	+	6757180	6857426	4326
ENSG0000(	288.1973	221.3083	0.3783	0.26386	0.36212	RP11-473I	chr16	+	9198705	9200618	1914
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-189E	chr16	-	49476821	49487989	674
ENSG0000(	0	3.694423	-3.4244	0.019592	0.038739	RP11-670E	chr17	+	54946308	54946925	618
ENSG0000(	3.278071	1.058552	1.4389	0.24506	0.34087	LA16c-321	chr16	-	2972663	2973203	541
ENSG0000(	0.342542	2.681995	-2.2664	0.1242	0.1943	RP11-85B7	chr17	-	9074386	9082435	5671
ENSG0000(	0.290301	3.466222	-2.6244	0.071757	0.12167	CTD-2047H	chr17	+	78289451	78290433	653
ENSG0000(	0	4.600036	-3.763	0.007915	0.016934	CTD-3088G	chr16	+	11559116	11567030	2279
ENSG0000(	149.3954	102.4606	0.54393	0.010131	0.02128	ZNF234	chr19	+	44645710	44663156	3245
ENSG0000(	3.028032	9.675132	-1.5203	0.096904	0.15731	RP11-166P	chr17	-	55155659	55162385	713
ENSG0000(	1.660469	4.943174	-1.4045	0.20704	0.29675	ROCK1P1	chr18	+	112367	118504	560
ENSG0000(	0.923144	4.167067	-1.8439	0.12766	0.19867	RP11-473N	chr16	+	3156765	3159577	302
ENSG0000(	24.25586	12.39513	0.9538	0.051896	0.091908	RP11-876N	chr16	-	11032743	11033901	1159
ENSG0000(	0.705622	4.346729	-2.1381	0.12623	0.19686	RP11-356I	chr17	+	862274	862606	333
ENSG0000(	1.048164	0	1.348	0.44949	NA	RP11-396B	chr16	+	11290034	11318373	602
ENSG0000(	14.51236	8.715275	0.72153	0.21867	0.31028	RP11-667K	chr17	-	1946769	1948262	443
ENSG0000(	39.84386	80.45198	-1.0011	0.000798	0.002009	RP11-1055	chr17	+	79369275	79376779	1890
ENSG0000(	0.705622	1.727843	-0.97254	0.53204	0.63323	RP11-388C	chr17	-	80671784	80674131	898
ENSG0000(	0.685084	0	0.85004	0.63064	NA	AF001548.	chr16	+	15835008	15835648	550
ENSG0000(	17.16875	13.72001	0.30755	0.65412	0.73913	CTD-2047H	chr17	-	78325628	78388968	3651
ENSG0000(	93.62973	130.671	-0.48023	0.044938	0.080995	RP11-473N	chr16	-	3166043	3184883	1592
ENSG0000(	2.282147	14.47181	-2.5289	0.000894	0.002235	RP11-485G	chr16	-	11435666	11439068	714
ENSG0000(	0	15.82255	-5.5172	1.09E-05	3.47E-05	CTD-2034I	chr16	+	50914120	50918012	2248
ENSG0000(	1.286224	4.76996	-1.6553	0.13886	0.21251	RP11-166P	chr17	-	55169506	55173786	4281
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-515C	chr17	-	53348865	53351014	1740
ENSG0000(	0.870904	2.788811	-1.2126	0.43017	0.5356	RP11-567C	chr17	-	80753362	80753971	413
ENSG0000(	1.233984	6.511629	-2.0693	0.080279	0.13394	RP11-95P2	chr16	-	4230118	4233516	318
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-1113	chr17	-	19485429	19485588	160
ENSG0000(	1.068702	0.654722	0.47824	0.76676	NA	RP5-1107A	chr17	+	55060110	55062465	2356
ENSG0000(	2.790785	2.886762	-0.07977	0.94205	0.96246	CTC-479C5	chr16	+	67916364	67920270	3907
ENSG0000(	171.9353	74.16539	1.2063	1.49E-08	6.25E-08	RP11-156P	chr17	+	45055847	45131935	4693
ENSG0000(	0	489.9595	-10.245	1.42E-21	1.28E-20	RP11-849I	chr18	-	76736555	76739074	1256
ENSG0000(	0.705622	0.343138	0.57395	0.74355	NA	RP11-1055	chr17	+	79336072	79348014	665
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-462G	chr16	+	4082013	4082937	244
ENSG0000(	1.991846	0	2.4814	0.12503	0.19536	RP11-333E	chr17	-	5143803	5144838	498
ENSG0000(	2.842212	0.700845	1.7047	0.20788	0.29769	RP11-149I	chr17	+	79109571	79110056	362
ENSG0000(	2.479132	0	2.5423	0.13274	0.20523	RP11-893F	chr17	-	48290294	48292718	578
ENSG0000(	0	2.171348	-2.344	0.17175	0.25427	RP11-485G	chr16	+	11336510	11337409	900
ENSG0000(	1.265686	2.962024	-1.0287	0.41225	0.51711	ZNF205-AS	chr16	-	3160461	3165599	1219
ENSG0000(	3.16503	3.305162	-0.07669	0.94586	0.96542	RYKP1	chr17	+	4125386	4127123	1738
ENSG0000(	2.697468	1.577319	0.63833	0.60044	0.69444	RP11-420A	chr17	-	5267610	5274921	512
ENSG0000(	0.653381	0.594029	0.059135	0.97278	NA	ATP5A1P3	chr16	-	72038936	72040442	1507
ENSG0000(	3.060548	4.816084	-0.59537	0.56445	0.66248	RP11-461A	chr16	-	3700637	3701704	1068
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-429K	chr16	+	20397279	20402486	615
ENSG0000(	1047.669	785.6607	0.41278	0.13841	0.21191	RP11-473I	chr16	+	9201098	9207038	5941
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	RP11-65J2	chr16	-	14501896	14512729	580
ENSG0000(	4.564295	1.66715	1.3075	0.23204	0.32554	CTB-133G6	chr19	+	7413848	7448271	1558
ENSG0000(	45.27987	93.31962	-1.0306	0.00071	0.001802	CTC-524C5	chr17	-	5328459	5336196	1938
ENSG0000(	4.822893	2.529055	0.83427	0.40826	0.51311	RP11-96D1	chr16	+	68258616	68261637	3022
ENSG0000(	0.290301	0.715414	-0.50514	0.77701	NA	RP11-109N	chr16	+	10785130	10786830	483
ENSG0000(	0.290301	1.669566	-1.5285	0.3621	0.46632	LA16c-325	chr16	-	2916349	2917619	667
ENSG0000(	3.185568	0	2.8683	0.083586	0.13872	RP11-290H	chr17	-	45380832	45400979	535
ENSG0000(	2.116866	1.577319	0.31082	0.82457	0.8763	RP5-1029F	chr17	+	426380	443816	478
ENSG0000(	7.522967	7.045709	0.081994	0.91602	0.94312	RP11-166B	chr16	+	11945506	11989468	562
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	RP11-498D	chr16	-	72038138	72038702	403

ENSG0000(	0	2.915901	-2.7723	0.095997	0.15615	RP11-530N	chr17	-	6857417	6882279	539
ENSG0000(	6.14082	13.97574	-1.1414	0.077409	0.1299	RP11-498D	chr16	+	71963914	71965102	1189
ENSG0000(	0.72616	2.307303	-1.3535	0.35359	0.45776	RP11-388C	chr17	-	80687040	80692019	333
ENSG0000(	3.609448	1.652581	0.99986	0.37554	0.47961	RP11-266L	chr16	-	25082811	25084048	676
ENSG0000(	38.61248	38.59607	0.00236	0.99429	0.99669	TAPT1-AS1	chr4	+	16228286	16321763	2165
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	CTC-508F8.	chr16	+	21132079	21141429	405
ENSG0000(	7.272928	4.478651	0.64342	0.42499	0.53036	AF001548.	chr16	+	15820531	15826850	836
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	RP11-235E	chr17	-	3481249	3482147	560
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP1-4G17.	chr17	-	7186266	7187390	415
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-388M	chr16	+	31176969	31177248	280
ENSG0000(	10.16738	6.535062	0.609	0.37339	0.47775	RP1-59D14	chr17	-	2278355	2282600	846
ENSG0000(	8.64049	13.7758	-0.64069	0.31615	0.41888	RP11-13N1	chr18	+	19210099	19213485	745
ENSG0000(	0	2.024857	-2.2291	0.19662	0.28458	RP11-640M	chr17	-	30433349	30441144	447
ENSG0000(	0.923144	0.297015	0.87478	0.61377	NA	RP11-68I3.	chr17	+	27966645	27967843	270
ENSG0000(	1.379541	1.326428	0.030095	0.98415	0.99101	CTC-297N7	chr17	+	10584051	10587305	171
ENSG0000(	1.338465	2.719254	-0.86839	0.52393	0.62622	RP11-53I6.	chr18	-	29702363	29704441	553
ENSG0000(	3.257533	46.16384	-3.7108	1.57E-10	7.66E-10	CTC-297N7	chr17	+	10633094	10672323	876
ENSG0000(	20.30289	40.53667	-0.99065	0.025157	0.048516	RP5-890E1	chr17	-	46122503	46125435	2910
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-599B	chr17	-	7959543	7960939	517
ENSG0000(	1.048164	3.290593	-1.4522	0.24061	0.33547	LINC00675	chr17	-	10698230	10707416	2266
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-17M2	chr17	+	32303550	32307870	323
ENSG0000(	0.653381	0	0.82678	0.64037	NA	RP11-202D	chr18	+	51094817	51124221	598
ENSG0000(	2.903826	0	2.7629	0.097266	0.1578	RP11-680M	chr18	+	30534039	30537962	558
ENSG0000(	8.745785	4.198622	0.9809	0.22758	0.32062	RP1-56K13	chr17	-	37059957	37060853	437
ENSG0000(	9.044646	60.37348	-2.6801	1.09E-08	4.62E-08	RP11-160C	chr17	+	63096930	63107176	664
ENSG0000(	0.580602	1.234181	-0.70728	0.67231	NA	RP11-338L	chr17	+	28190420	28193110	893
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	CTC-304I17	chr17	-	32407901	32409243	299
ENSG0000(	0.36308	0.640152	-0.51156	0.77091	NA	AC004702.	chr17	+	20088395	20226286	195
ENSG0000(	2.624689	0.98329	1.1903	0.35623	0.46052	RP11-118E	chr17	-	55678217	55685773	1412
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CTB-104H1	chr17	-	10034216	10034704	489
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP11-269G	chr17	-	61382623	61390882	562
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	RP11-707C	chr17	-	43678235	43679706	1472
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-78F1	chr18	-	1159199	1160405	872
ENSG0000(	0	2.558194	-2.582	0.12605	0.1967	RP11-963H	chr17	+	10752858	10784212	756
ENSG0000(	0.705622	1.370136	-0.71417	0.6513	0.73678	TMEM220-	chr17	+	10633113	10718481	561
ENSG0000(	2.604151	3.2299	-0.28543	0.78452	0.84576	RP13-753M	chr17	-	29190939	29191958	831
ENSG0000(	3.319146	10.91818	-1.63	0.043839	0.079348	AK4P1	chr17	+	29672539	29673205	667
ENSG0000(	0	10.80082	-5.0412	5.79E-05	0.00017	RP11-78F1	chr18	+	976590	1174824	776
ENSG0000(	69.47835	33.32104	1.0527	0.000927	0.002311	UBBP4	chr17	+	21729601	21731762	1459
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-805L	chr17	+	30089459	30096067	505
ENSG0000(	0.342542	33.26035	-5.818	6.86E-08	2.71E-07	CTC-304I17	chr17	+	32488756	32491270	803
ENSG0000(	0	1.416259	-1.7181	0.33141	NA	RP11-309M	chr17	+	72966799	72971823	815
ENSG0000(	19.41064	31.22334	-0.68013	0.13809	0.21152	CTD-2349P	chr17	+	29056487	29058220	789
ENSG0000(	4.512868	1.340997	1.5373	0.17833	0.26217	RP11-737C	chr18	-	2945548	2946888	1264
ENSG0000(	1.939605	1.188058	0.52541	0.71795	0.79117	AF186192.	chr8	+	1.46E+08	1.46E+08	947
ENSG0000(	8.019626	2.696564	1.4868	0.077099	0.12947	RP11-45M2	chr17	-	17071260	17088868	1231
ENSG0000(	1.048164	0.98329	0.047263	0.97597	0.9865	RP11-692M	chr18	+	9615262	9619361	379
ENSG0000(	0.685084	2.711133	-1.5975	0.2597	0.35763	RP11-471L	chr17	+	12018864	12019202	339
ENSG0000(	5.310179	2.779947	0.83003	0.42838	0.53377	RP11-82O1	chr17	+	28088121	28114854	576
ENSG0000(	0.290301	2.232041	-2.0446	0.17992	0.26411	SNORA70D	chr16	-	71732470	71732604	135
ENSG0000(	0	4.305438	-3.621	0.012893	0.026493	RP11-443G	chr17	-	30607406	30607972	326
ENSG0000(	0.705622	0.686276	0.017556	0.99188	NA	RP11-57A1	chr17	+	70422080	70424796	636
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	RP4-777O2	chr7	+	30589833	30591185	427
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-408H	chr18	+	28711419	28712457	1039
ENSG0000(	0.632843	0.98329	-0.43885	0.78628	NA	RP11-85B7	chr17	+	9186491	9208968	260
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-321A	chr17	+	27467501	27482507	323
ENSG0000(	1.681007	0.297015	1.641	0.30141	0.40279	RP11-169F	chr18	-	70818476	70931715	3608
ENSG0000(	1.338465	0.640152	0.7961	0.59534	0.68965	RP11-466A	chr17	-	30839887	30846368	420
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	RP11-285E	chr17	-	75253819	75277979	749
ENSG0000(	0.580602	0.686276	-0.10523	0.9528	NA	DLGAP1-AS	chr18	+	3878180	3897069	1258
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTB-187M2	chr17	-	19374432	19396273	485
ENSG0000(	3.153865	7.530506	-1.1797	0.23133	0.32482	RP11-806L	chr18	-	653985	657259	268
ENSG0000(	0	1.759397	-2.0294	0.24451	NA	RP11-746M	chr17	+	20887215	20887359	145
ENSG0000(	34.54728	48.67007	-0.49189	0.18386	0.26906	RP11-498C	chr17	-	79836301	79838982	2682
ENSG0000(	2.229907	3.867637	-0.68838	0.56135	0.65982	RP11-161I	chr18	-	1883525	2240847	779

ENSG0000(	176.166	131.2537	0.4247	0.062486	0.10808	LINC00667	chr18	+	5232875	5246507	3979
ENSG0000(	2.334388	5.127667	-1.0329	0.30231	0.40358	RP11-580I:	chr17	-	45681226	45726786	733
ENSG0000(	32.65389	41.31848	-0.3303	0.36772	0.47235	RP11-649A	chr17	-	73141356	73142641	717
ENSG0000(	0.870904	0.715414	0.19229	0.91324	NA	RP11-146G	chr18	-	6873398	6875023	544
ENSG0000(	2.479946	4.248777	-0.65423	0.62134	0.71187	RPL26	chr17	-	8271956	8286505	3087
ENSG0000(	0.995923	3.025133	-1.3777	0.26352	0.36167	RP11-111H	chr18	+	74240612	74322925	2242
ENSG0000(	2.354926	5.627034	-1.1653	0.23332	0.32698	CTD-2206N	chr17	+	37213272	37269443	2305
ENSG0000(	4.399013	38.84213	-3.0856	5.35E-08	2.13E-07	RP11-326K	chr18	+	29522538	29524119	1582
ENSG0000(	17.17992	22.99044	-0.4187	0.34163	0.44552	RP11-573D	chr3	-	1.86E+08	1.87E+08	2400
ENSG0000(	18.31977	39.54868	-1.0831	0.021456	0.042039	RP11-649A	chr17	+	73267450	73269976	2527
ENSG0000(	0	1.073121	-1.1788	0.50551	NA	CIAPIN1P	chr18	+	24179372	24180302	931
ENSG0000(	12.28164	18.81451	-0.60005	0.25108	0.34773	RP11-143J	chr18	-	9112402	9115875	544
ENSG0000(	28.88438	24.18253	0.24641	0.56289	0.661	LINC00672	chr17	+	37081421	37084310	2365
ENSG0000(	1.794048	2.817949	-0.48954	0.72538	0.79684	RP11-51F1	chr17	+	61713961	61714473	513
ENSG0000(	2.624689	7.985292	-1.4997	0.083161	0.13812	RP11-705C	chr18	+	268148	270278	2131
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-51L5	chr17	-	60359748	60374387	1815
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTD-3010D	chr17	+	70638870	70640152	412
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-110H	chr18	-	46958114	46973790	332
ENSG0000(	74.52374	24.62121	1.5776	1.12E-05	3.56E-05	RP11-214C	chr17	-	62116510	62119203	2694
ENSG0000(	0.975385	0.343138	0.92553	0.59174	NA	RP11-344B	chr18	-	29825909	29828995	468
ENSG0000(	0	3.273608	-2.9384	0.074324	0.12551	RP11-680F	chr11	+	1.26E+08	1.26E+08	1714
ENSG0000(	6.286378	3.353702	0.84398	0.36484	0.46925	RP11-110H	chr18	-	47010906	47012519	483
ENSG0000(	0.342542	0.654722	-0.52406	0.76557	NA	RP11-571L	chr4	+	99850048	99916145	622
ENSG0000(	2.096328	0.700845	1.2139	0.4222	0.52764	RP11-210K	chr18	+	29424351	29425141	348
ENSG0000(	18.60151	2.589748	2.7016	0.000232	0.000629	RP11-180P	chr17	-	61012763	61044171	498
ENSG0000(	0.290301	14.61589	-4.6872	6.73E-05	0.000196	SNORD3A	chr17	+	19091329	19092027	699
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-579C	chr17	+	57043313	57044088	776
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-513M	chr18	+	10893615	10908781	506
ENSG0000(	8.008461	23.82724	-1.548	0.00304	0.007	RP11-676J	chr18	+	70535623	70548634	457
ENSG0000(	1.555988	2.65044	-0.63639	0.60098	0.69474	CTB-58E17.	chr17	-	36871581	36876525	563
ENSG0000(	6.141634	4.553913	0.38423	0.65469	0.73962	RP11-504I:	chr18	+	74084672	74090230	398
ENSG0000(	4.128436	2.355842	0.72254	0.54013	0.64067	CTC-542B2	chr17	+	30200945	30213685	488
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-286M	chr18	+	5567129	5570941	456
ENSG0000(	0	3.319731	-3.1951	0.03702	0.068503	RP11-68I3.	chr17	-	27948635	27949272	638
ENSG0000(	0.580602	0.297015	0.36801	0.83644	NA	RP11-627G	chr18	-	19755426	19756623	359
ENSG0000(	0	10.12509	-4.9521	8.95E-05	0.000257	RP11-176M	chr18	+	75133575	75272719	562
ENSG0000(	1.048164	14.18051	-3.4829	0.00043	0.001128	CTC-297N7	chr17	-	10644584	10672333	667
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTD-2008P	chr17	-	26601683	26602742	244
ENSG0000(	0.36308	2.436809	-1.9465	0.23206	0.32554	RP11-68I3.	chr17	+	27887565	28034108	187
ENSG0000(	11.54692	0.98329	3.2368	0.000985	0.002447	RP11-423G	chr12	-	1.09E+08	1.09E+08	2227
ENSG0000(	0.580602	3.818224	-1.9968	0.18636	0.27212	RP11-192H	chr17	+	26960224	26962968	1316
ENSG0000(	1.649304	0.654722	1.0443	0.47174	0.57637	RP11-583F	chr17	+	62923752	62930321	599
ENSG0000(	29.48389	19.93376	0.553	0.18846	0.27475	KRT222	chr17	-	38785049	38821393	2502
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	FGF7P1	chr18	-	14888708	14890085	288
ENSG0000(	54.14391	89.72323	-0.72598	0.004118	0.009285	DND1P1	chr17	+	43663237	43664295	1059
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-73M7	chr1	+	32110295	32114972	480
ENSG0000(	15.90388	3.947731	1.9057	0.011363	0.023604	CTD-2350C	chr17	+	26729128	26731067	1940
ENSG0000(	7.043427	9.009873	-0.32376	0.63897	0.72652	RP11-848P	chr17	-	29417805	29422468	492
ENSG0000(	175.8298	526.7007	-1.581	6.06E-14	3.71E-13	RP11-159D	chr17	-	56066400	56072211	4722
ENSG0000(	3.049383	1.638012	0.75179	0.55162	0.65123	RP11-848P	chr17	-	29335172	29335337	166
ENSG0000(	0	1.029414	-1.1526	0.51496	NA	RP11-739M	chr18	-	24916343	25175128	1352
ENSG0000(	1.286224	37.02849	-4.5659	4.23E-09	1.85E-08	RP11-640M	chr17	+	30410198	30424084	431
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-212E	chr17	-	33052528	33053189	662
ENSG0000(	2.967231	3.677438	-0.27697	0.78763	0.84816	MAGOH2	chr17	-	10619319	10619828	436
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP1-37N7.	chr17	-	18283169	18292298	4955
ENSG0000(	1.213446	0	1.5515	0.38249	NA	RP11-737C	chr18	+	2990650	2991076	427
ENSG0000(	0.975385	0	1.2767	0.47406	NA	FLCN	chr17	-	17105963	17140499	1693
ENSG0000(	2.749709	3.455685	-0.28479	0.81726	0.87175	RP11-13N1	chr18	-	19241748	19242356	336
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-737G	chr18	-	23533180	23533432	253
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	CTB-104H1	chr17	+	10048831	10050277	1447
ENSG0000(	1.027626	0.891044	0.10231	0.95337	0.97102	RP11-171G	chr17	+	70835178	70835857	624
ENSG0000(	0.342542	18.73758	-5.0205	9.92E-06	3.18E-05	RP11-94L1	chr17	-	37913974	37920089	6116
ENSG0000(	0.36308	0.700845	-0.575	0.7429	NA	RP11-196G	chr1	-	1.5E+08	1.5E+08	1234
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-757C	chr18	+	14244624	14252139	566
ENSG0000(	0.653381	0	0.82678	0.64037	NA	RNU4ATAC	chr2	+	1.22E+08	1.22E+08	127

ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-271K	chr17	+	28880715	28885980	627
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-6N17	chr17	+	45940708	45942556	816
ENSG0000(	92.53642	69.55395	0.41257	0.14409	0.21924	RP11-231E	chr18	-	72259010	72265744	3463
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-671P	chr18	-	51007205	51094653	457
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-14P2	chr18	-	508568	515294	500
ENSG0000(	3.059734	1.40169	0.9572	0.48551	0.58951	RP11-15F1	chr18	+	46550073	46574844	659
ENSG0000(	2.926156	3.38284	-0.17303	0.87962	0.91622	RP11-474I	chr17	-	73679623	73680879	566
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	CTD-2514K	chr17	-	72253035	72258159	513
ENSG0000(	0.632843	2.24661	-1.4573	0.29805	0.39992	CTD-2145A	chr17	-	18762667	18764779	463
ENSG0000(	48.53659	23.88793	1.02	0.004444	0.009974	RP11-162A	chr18	-	74506688	74534251	1295
ENSG0000(	7.095668	11.38599	-0.65291	0.32784	0.43087	CTD-2031P	chr5	+	55240458	55240856	399
ENSG0000(	4.544571	3.512346	0.30577	0.76765	0.83205	RP11-68I3.	chr17	+	27896598	27897537	465
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-116K	chr18	+	51668503	51668947	445
ENSG0000(	0.580602	1.309443	-0.76283	0.64523	NA	RP11-640N	chr17	-	30330129	30333707	217
ENSG0000(	10.25035	12.4097	-0.27732	0.66082	0.74468	RP11-20B2	chr17	+	27219487	27220360	562
ENSG0000(	1.379541	1.98115	-0.45309	0.73621	0.80537	RP11-287D	chr2	-	74438731	74590504	5059
ENSG0000(	12.1369	0	5.232	1.93E-05	5.99E-05	RP11-958F	chr18	-	22513451	22567646	487
ENSG0000(	6.640085	13.95788	-1.0387	0.10638	0.17014	SNRPGP2	chr18	-	51933259	51933484	226
ENSG0000(	153.5735	157.7783	-0.03858	0.84791	0.89316	RP11-159D	chr17	+	56168909	56172897	3989
ENSG0000(	3.257533	4.05213	-0.27629	0.76825	0.83251	RP11-621L	chr18	+	21944751	21947948	567
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-401F	chr17	+	65220419	65221657	380
ENSG0000(	1.027626	0.640152	0.42826	0.80114	NA	RP11-720L	chr18	-	316740	317366	492
ENSG0000(	0.653381	0.343138	0.51863	0.76794	NA	CTD-2006C	chr18	+	22882090	22882920	464
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-338L	chr17	+	28299532	28300045	514
ENSG0000(	30.18853	86.89877	-1.5173	4.03E-07	1.49E-06	RP4-594I10(	chr1	-	24865292	24882515	1445
ENSG0000(	7.862903	2.711133	1.4602	0.086955	0.14357	RP11-945C	chr18	+	5887486	5909121	620
ENSG0000(	0	1.029414	-1.1526	0.51496	NA	RP11-433N	chr17	+	46537732	46543402	701
ENSG0000(	9.877079	13.06442	-0.38634	0.52084	0.62349	RP11-848P	chr17	+	29298670	29300330	1661
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-220C	chr17	+	30954757	31013502	373
ENSG0000(	29.82366	24.41228	0.28789	0.57115	0.66835	RP11-173N	chr17	+	25641669	25642952	1284
ENSG0000(	0.995923	0	1.4959	0.39264	NA	RP11-861L	chr18	-	66567018	66569492	559
ENSG0000(	0	2.010288	-2.4674	0.13027	0.202	RP11-76K1	chr18	+	7076816	7080122	607
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	RP11-349A	chr17	-	65016050	65017859	460
ENSG0000(	2.375464	0	2.6887	0.093683	0.15293	RP11-556C	chr17	-	61194380	61208308	478
ENSG0000(	1.359003	0	1.8987	0.26617	NA	RP11-720L	chr18	+	316737	319165	548
ENSG0000(	0	3.570622	-3.0664	0.060201	0.10472	CTC-525D6	chr19	-	29777918	30016659	2582
ENSG0000(	4.480351	4.020576	0.15841	0.87096	0.90992	RP4-777O2	chr7	+	30565347	30573229	368
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-158I9	chr11	-	1.19E+08	1.19E+08	2576
ENSG0000(	1.753786	1.40169	0.25651	0.85985	0.90178	RP11-556C	chr17	+	61259527	61260178	652
ENSG0000(	166.4794	333.8278	-1.0031	4.39E-08	1.76E-07	SUZ12P	chr17	+	29036317	29117926	1560
ENSG0000(	1.628766	3.24447	-0.88704	0.424	0.52942	RP11-464D	chr17	+	60627087	60629482	1707
ENSG0000(	1.628766	5.444956	-1.5763	0.13248	0.20492	RP13-516N	chr17	+	80172103	80175228	2368
ENSG0000(	1.317927	1.964165	-0.45768	0.75158	0.81849	RP13-650J	chr17	+	79995781	79997256	709
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	SNX19P3	chr18	-	14629831	14632805	2975
ENSG0000(	14.43958	46.90356	-1.6706	0.000326	0.000868	LINC00526	chr18	-	5236723	5238597	1875
ENSG0000(	64.14161	141.2832	-1.1314	6.64E-05	0.000193	AC010761.	chr17	-	27048505	27049895	899
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	MAPT-AS1	chr17	-	43921017	43972966	1190
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-678G	chr18	+	7814116	7815728	1613
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP1-29G21	chr17	-	31379125	31379885	427
ENSG0000(	8.384498	18.8315	-1.1358	0.089662	0.14726	RP11-192H	chr17	-	26928845	26929302	458
ENSG0000(	1.411244	0.297015	1.325	0.43226	NA	RP11-4F22	chr17	-	64394187	64412972	2113
ENSG0000(	5.943836	3.587607	0.67549	0.42397	0.52942	RP11-769C	chr18	-	738058	739662	1605
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-118G	chr17	+	32007596	32007902	307
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	KRT18P8	chr18	-	9678245	9679490	1246
ENSG0000(	1.338465	1.326428	0.005155	0.9971	0.99837	RP11-68I3.	chr17	-	27918721	27919259	278
ENSG0000(	0.632843	0	0.81931	0.64303	NA	CTD-2267D	chr17	+	38524204	38524690	487
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CTD-2006K	chr17	-	72668851	72673739	523
ENSG0000(	0	2.428687	-2.6709	0.10016	0.16168	RP11-381P	chr17	+	20841851	20885670	1670
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	KRT8P34	chr17	-	37991290	37992333	1044
ENSG0000(	0.36308	1.029414	-0.84272	0.63492	NA	RP11-524F	chr17	+	17494742	17513799	425
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-760N	chr18	+	6256746	6260933	2044
ENSG0000(	0.36308	5.376142	-3.224	0.016273	0.032729	RP11-21G1	chr18	+	10724617	10728537	1908
ENSG0000(	51.44465	2.872193	4.0086	4.28E-12	2.33E-11	RP11-680C	chr17	+	11191522	11194128	2607
ENSG0000(	0	2.399549	-2.7165	0.088838	0.14612	BDP1P	chr18	-	75147209	75149198	1990
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-138I	chr17	-	16317838	16320003	2166

ENSG0000(	3.080272	3.411978	-0.09435	0.92895	0.95293	DPRXP4	chr17	+	29302405	29302972	568
ENSG0000(	0.685084	2.278164	-1.3784	0.34519	0.44925	RP11-403A	chr18	-	21574177	21595303	817
ENSG0000(	1.161205	0.343138	0.97766	0.58067	NA	RP11-277J	chr17	+	71637165	71639245	173
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTD-2653B	chr17	+	65520597	65521538	612
ENSG0000(	27.44657	14.74856	0.89317	0.058488	0.10216	RP11-498C	chr17	+	79880775	79882387	563
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	RP11-186B	chr17	+	7476144	7485342	4554
ENSG0000(	0	4.112823	-3.5428	0.015768	0.031795	PPIAP14	chr18	-	5002758	5003253	496
ENSG0000(	2.31385	1.340997	0.68091	0.58435	0.68018	RP11-149I	chr9	+	21929456	21931072	1617
ENSG0000(	0.290301	1.280305	-1.2436	0.46304	NA	MIR4523	chr17	-	27696735	27717795	762
ENSG0000(	1.576526	0.594029	1.0157	0.51071	0.61399	RP13-20L1	chr17	-	80358579	80359258	680
ENSG0000(	3.22583	0.951736	1.4843	0.23634	0.33037	RP11-474I	chr17	-	73675554	73676047	352
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-856M	chr18	+	10704295	10709597	823
ENSG0000(	1.068702	2.324288	-0.96169	0.47624	0.58082	RP11-16C1	chr17	-	73367028	73369817	2790
ENSG0000(	4.75272	6.581186	-0.45516	0.59446	0.68896	RP11-75N4	chr18	-	29122109	29136874	2024
ENSG0000(	0	2.278164	-2.6634	0.096176	0.1563	RP11-143K	chr17	+	71161116	71192732	588
ENSG0000(	98.14774	93.11727	0.076606	0.78498	0.84599	RP11-815I	chr17	-	18570942	18572774	1833
ENSG0000(	3.972527	7.267462	-0.82361	0.32917	0.43232	RP11-421E	chr17	-	49326940	49329109	2170
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-107K	chr18	+	23928311	23928968	658
ENSG0000(	1.722083	0.640152	1.0837	0.45982	0.56512	RP11-343K	chr17	+	55989694	55999942	335
ENSG0000(	59.17055	36.30575	0.70131	0.019028	0.037739	RP11-6N17	chr17	-	45968621	45973178	3939
ENSG0000(	5.528515	9.026859	-0.66688	0.35347	0.45773	RP11-799B	chr18	-	21693601	21700967	507
ENSG0000(	1.265686	5.081544	-1.7474	0.11836	0.18676	CTD-2104P	chr17	-	19552686	19553248	563
ENSG0000(	7.667711	22.89491	-1.5391	0.009409	0.019864	AC100830.	chr15	+	64988821	64989060	240
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	SNORD3C	chr17	-	19092978	19093558	581
ENSG0000(	17.12768	13.69403	0.32763	0.56636	0.66418	SH3GL1P2	chr17	+	28951431	28952512	1082
ENSG0000(	7.520361	18.05701	-1.2262	0.039213	0.072117	RP11-888D	chr18	-	9315192	9334439	466
ENSG0000(	0.36308	2.024857	-1.7472	0.2845	0.38587	RP11-387H	chr17	+	38083995	38095854	632
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	RP11-449L	chr17	+	71509824	71514909	2276
ENSG0000(	0.870904	1.280305	-0.36285	0.82446	0.87622	RP11-53I6.	chr18	-	29671258	29672082	473
ENSG0000(	4.107898	4.974728	-0.23743	0.79294	0.85287	RP11-661C	chr17	+	71239232	71240845	321
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	NCOR1P2	chr17	+	21536014	21544603	294
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-728E	chr17	-	21359825	21363527	3703
ENSG0000(	1.960143	4.89705	-1.1891	0.26605	0.3648	AC145343.	chr17	-	66092187	66097615	650
ENSG0000(	0	1.280305	-1.6305	0.35731	NA	RP11-781P	chr18	+	6954676	6957418	2295
ENSG0000(	1.213446	1.744828	-0.36909	0.80209	0.85994	RP11-178F	chr18	+	22015328	22019602	281
ENSG0000(	0.290301	7.486798	-3.7492	0.00321	0.007368	FTLP12	chr17	+	16294748	16295196	449
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC073624.	chr17	-	77015291	77023737	865
ENSG0000(	6.204226	5.909479	0.067424	0.93316	0.95618	RP11-147L	chr17	-	66242770	66244079	1310
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-70O5	chr16	+	69274452	69275832	428
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	RP11-31I2.	chr17	+	31954046	31962076	561
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTD-2370N	chr17	-	29632231	29645849	1008
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-31I2.	chr17	+	31892783	31951141	633
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-15F1	chr18	+	46642671	46652849	502
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	CTB-58E17.	chr17	+	36757302	36758954	571
ENSG0000(	12.85368	6.177355	1.0121	0.10898	0.17364	RP13-638C	chr17	-	80534492	80535267	456
ENSG0000(	7.177819	8.238599	-0.18663	0.81954	0.87319	RP11-227G	chr17	+	30655460	30656414	271
ENSG0000(	3.205292	4.05213	-0.28965	0.75864	0.82459	hsa-mir-13	chr18	-	19405448	19411371	4226
ENSG0000(	5.031856	2.728118	0.81942	0.40264	0.5074	BZRAP1-AS	chr17	+	56402811	56493127	2337
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTD-2124B	chr18	+	6557821	6558653	658
ENSG0000(	1.89853	6.857926	-1.6314	0.13339	0.20603	SNORD3B-1	chr17	+	18965225	18965807	583
ENSG0000(	20.71577	28.31717	-0.4339	0.31055	0.41248	RP11-70L8	chr9	-	21858909	21861925	3017
ENSG0000(	3.080272	7.625169	-1.1848	0.17628	0.25971	RP11-403A	chr18	-	21656758	21679284	564
ENSG0000(	10.39428	7.108817	0.54253	0.43221	0.53773	AC010761.	chr17	-	26997072	26999822	499
ENSG0000(	1.681007	0.343138	1.6345	0.30214	0.40343	hsa-mir-14	chr17	-	56408245	56409869	1625
ENSG0000(	4.688501	2.771825	0.71738	0.50146	0.60503	RP11-927P	chr17	+	62888847	62906298	631
ENSG0000(	2.116866	2.117104	-0.00087	0.9995	0.99975	RP11-466A	chr17	-	30836972	30850442	927
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-638L	chr18	-	65497908	65499204	1297
ENSG0000(	19.13843	54.17572	-1.4625	0.000401	0.001055	RP11-649A	chr17	-	73161681	73163344	1664
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-663M	chr17	-	25564885	25568687	614
ENSG0000(	2.012384	2.774242	-0.38808	0.76014	0.82575	RP11-162A	chr18	-	74596891	74600680	2747
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-180P	chr17	-	61028192	61028549	358
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-822E	chr17	+	21422775	21424530	396
ENSG0000(	0.342542	0	0.4146	0.81455	NA	PGDP1	chr18	+	29542141	29543581	1441
ENSG0000(	2.044087	1.759397	0.194	0.88153	0.91747	RP11-53I6.	chr18	-	29775989	29776929	941
ENSG0000(	4.047098	0.297015	2.81	0.050191	0.089244	RP11-269G	chr17	-	61507829	61509572	552

ENSG0000(	3.112789	4.926189	-0.62234	0.54689	0.64706	ARGFXP2	chr17	-	30477452	30478523	949
ENSG0000(	0	1.188058	-1.268	0.47398	NA	FEM1AP2	chr18	-	14391912	14393908	1997
ENSG0000(	11.32003	2.681995	1.9616	0.018916	0.037544	RP13-104F	chr17	+	62746538	62747429	892
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-565F	chr17	+	9397314	9398337	692
ENSG0000(	1.027626	0	1.1491	0.51623	NA	RP11-286N	chr18	+	5463626	5480974	578
ENSG0000(	0.995923	2.024857	-0.82593	0.55446	0.65379	CTD-2349P	chr17	-	29161343	29190046	638
ENSG0000(	1.597063	0.654722	0.96706	0.53025	0.63165	RP11-466A	chr17	-	30856026	30857067	475
ENSG0000(	0.290301	3.5439	-2.5303	0.10164	0.1636	RP11-16C1	chr17	+	73390204	73391044	372
ENSG0000(	0	3.322147	-3.2429	0.031225	0.058731	RP11-17M2	chr17	-	32258151	32263225	535
ENSG0000(	0	1.652581	-2.1974	0.1871	NA	RP11-57J1	chr18	+	24805706	24827152	555
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	RP11-1148	chr17	-	28417384	28444515	385
ENSG0000(	14.22125	28.59566	-0.98024	0.054186	0.095397	RP13-270P	chr18	+	3190395	3247275	1771
ENSG0000(	7.915144	3.91376	0.95095	0.24779	0.34395	RP11-789C	chr18	+	8402845	8405159	2315
ENSG0000(	97.18514	91.78441	0.083904	0.74079	0.80929	CTD-2510F	chr17	-	57280038	57281190	321
ENSG0000(	10.40544	19.97659	-0.90921	0.10061	0.16233	CTD-2349P	chr17	-	29053323	29054582	460
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-849N	chr17	+	15164332	15169024	373
ENSG0000(	1.939605	4.694699	-1.1337	0.2899	0.39145	RP11-204L	chr2	+	1.22E+08	1.22E+08	682
ENSG0000(	5.051581	7.403416	-0.49568	0.5326	0.63368	RP13-20L1	chr17	-	80412149	80416397	357
ENSG0000(	1.317927	3.290593	-1.1435	0.34558	0.44969	RP11-690G	chr17	+	37394719	37407071	975
ENSG0000(	1.286224	1.684135	-0.30783	0.81401	0.86935	AC010761.	chr17	-	27072587	27074670	521
ENSG0000(	2.241072	1.355566	0.62488	0.6375	0.72566	CTD-2145A	chr17	-	18713269	18714253	985
ENSG0000(	0.36308	1.326428	-1.249	0.46108	NA	KRT18P55	chr17	-	26603012	26644809	1950
ENSG0000(	2.302685	0	2.6689	0.095357	0.15524	RP11-449D	chr18	+	22208146	22242162	2321
ENSG0000(	0	1.355566	-1.9006	0.26573	NA	RP11-1090	chr17	-	12663457	12693559	3679
ENSG0000(	2.551911	2.932886	-0.1724	0.87003	0.90953	RP11-806L	chr18	+	706523	707648	326
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-131K	chr17	+	13812548	13814529	1982
ENSG0000(	1.068702	4.290868	-1.7494	0.16505	0.246	hsa-mir-15	chr18	+	47013709	47018248	582
ENSG0000(	0.72616	3.993854	-2.0363	0.1421	0.21662	SENP3-EIF4	chr17	+	7466604	7482033	3520
ENSG0000(	8.911067	26.10944	-1.5169	0.002698	0.006266	RP11-524F	chr17	+	17410665	17411622	795
ENSG0000(	0.653381	0.343138	0.51863	0.76794	NA	RP11-638L	chr18	+	65183783	65566856	2991
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	RP11-60A2	chr17	-	55849307	55912110	505
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	RP11-958F	chr18	+	22635564	22636724	663
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-434D	chr17	+	20336519	20337598	301
ENSG0000(	0.290301	0	0.4146	0.81455	NA	PIGPP4	chr18	-	9880577	9880883	307
ENSG0000(	0	5.398833	-3.8832	0.007759	0.016637	CTD-2095E	chr17	-	30438581	30439609	1029
ENSG0000(	184.1028	78.75329	1.2179	1.26E-05	4.00E-05	RP11-713C	chr18	-	70410991	70413196	2206
ENSG0000(	0.36308	0.654722	-0.52647	0.7643	NA	AP000275.	chr21	-	33949158	33984591	929
ENSG0000(	3.008307	1.652581	0.76056	0.49902	0.60281	RP11-68I3.	chr17	-	27971814	27972865	1052
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	RP11-465I4	chr18	-	67150863	67285930	432
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	TUFMP1	chr17	-	25409716	25411062	1347
ENSG0000(	7.769587	3.899191	0.93865	0.23866	0.3333	RP11-13N1	chr18	+	19253589	19262522	447
ENSG0000(	16.06916	2.901332	2.3311	0.001803	0.004297	CTD-2267D	chr17	-	38497119	38499388	1790
ENSG0000(	4.253456	4.106375	0.030414	0.97433	0.98556	RP11-1376	chr17	+	80111306	80112691	555
ENSG0000(	30.05414	62.6499	-1.0545	0.000779	0.001965	RPL17	chr18	-	47014851	47018893	914
ENSG0000(	1.753786	5.62945	-1.5559	0.1387	0.21229	RP11-173N	chr17	-	25678884	25679610	727
ENSG0000(	258.2399	74.99662	1.7709	8.40E-17	6.08E-16	MAFG-AS1	chr17	+	79885705	79888629	1895
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-118G	chr17	+	32015822	32016193	372
ENSG0000(	2.770247	23.25919	-2.9723	6.40E-05	0.000187	RP13-516M	chr17	-	80247922	80250690	1810
ENSG0000(	0.290301	1.387121	-1.3028	0.4429	NA	RP11-156L	chr17	+	60776605	60815283	3145
ENSG0000(	4.253456	5.733849	-0.3929	0.64772	0.73383	RP11-82O1	chr17	-	28102765	28103719	955
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-94B1	chr18	-	73966247	73967169	598
ENSG0000(	1.431782	4.395268	-1.4588	0.21073	0.30094	RP11-354P	chr17	-	28449447	28453136	546
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	RP11-848P	chr17	-	29291953	29292518	409
ENSG0000(	43.64156	39.31149	0.14709	0.65002	0.73589	RP11-849F	chr17	+	8268881	8284646	579
ENSG0000(	11.25662	13.94418	-0.30894	0.60739	0.70029	RP11-799B	chr18	-	21739473	21742175	735
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	RP11-296E	chr18	-	18960247	19030978	679
ENSG0000(	0	2.995994	-2.7659	0.099017	0.16011	CXADRP3	chr18	-	14477954	14499277	1955
ENSG0000(	0	2.355842	-2.3895	0.16517	0.24613	CTC-304I17	chr17	-	32445366	32445901	536
ENSG0000(	6.619547	24.30318	-1.8286	0.002465	0.005751	RP11-17M2	chr18	+	74203608	74205487	813
ENSG0000(	1.016461	0.951736	0.04702	0.97613	0.98651	RP11-449L	chr17	+	71515985	71517546	1562
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	CYP4F35P	chr18	+	14337422	14342524	2876
ENSG0000(	0	7.374278	-4.482	0.000647	0.001651	RNASEH1P2	chr17	-	20805252	20805993	742
ENSG0000(	8.995011	16.85847	-0.89114	0.1675	0.24892	CTD-2349P	chr17	-	29108511	29109239	308
ENSG0000(	5.394936	1.234181	1.8406	0.097376	0.15792	RP11-271K	chr17	-	29365593	29386139	1967
ENSG0000(	0	2.757256	-2.912	0.06391	0.11024	RP11-387H	chr17	-	38168479	38170958	784

ENSG0000(	34.55584	31.5131	0.12891	0.71325	0.78728	RP11-649A	chr17	-	73134511	73137445	400
ENSG0000(	0	1.638012	-2.1885	0.18912	NA	RP11-720N	chr17	+	25792138	25792567	430
ENSG0000(	13.56786	18.09172	-0.3874	0.50389	0.60735	FSBP	chr8	-	95390605	95449180	2472
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-751H	chr18	+	74892062	74947386	560
ENSG0000(	4.067636	2.232041	0.75252	0.47921	0.58354	RP11-20B2	chr17	+	27253293	27271767	683
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-76K1	chr18	+	7064031	7064196	166
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-728E	chr17	-	21348145	21348751	607
ENSG0000(	0.290301	1.485073	-1.262	0.4732	NA	RP11-408H	chr18	+	28681551	28742752	553
ENSG0000(	2.323223	0.654722	1.4033	0.34505	0.44915	RP11-737C	chr18	+	2948236	2960754	673
ENSG0000(	1.338465	1.759397	-0.30821	0.8223	0.87483	RP11-20B2	chr17	+	27271814	27272412	599
ENSG0000(	1.576526	1.073121	0.4605	0.76104	0.82661	RP11-583F	chr17	+	62939380	62947172	2474
ENSG0000(	2.023549	4.006007	-0.89478	0.40324	0.50794	RP11-434D	chr17	-	20435561	20436194	634
ENSG0000(	0	6.654031	-4.1705	0.003516	0.00802	LINC00668	chr18	-	6919495	6929965	2343
ENSG0000(	0.975385	0.297015	0.91901	0.59525	NA	RP11-563H	chr18	+	65042370	65042542	173
ENSG0000(	1.846289	1.294874	0.43718	0.7468	0.81448	UBE2CP2	chr18	-	20480449	20480958	510
ENSG0000(	1.608228	3.365854	-0.91191	0.44222	0.54797	RP11-739L	chr18	-	20279444	20513727	570
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-865B	chr18	+	6511415	6590652	603
ENSG0000(	2.894453	9.026859	-1.5281	0.0636	0.10976	RP11-674N	chr18	-	8695854	8707619	818
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-293E	chr17	-	43810719	43812035	560
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-269G	chr17	+	61532354	61533178	355
ENSG0000(	0	8.277474	-4.6241	0.000434	0.001137	CTB-41I6.2	chr17	+	8870840	8880312	557
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTD-2515C	chr18	-	26858474	26941928	471
ENSG0000(	20.53077	7.844505	1.3453	0.01392	0.028395	RP11-927P	chr17	-	62774960	62775055	96
ENSG0000(	0	14653.55	-14.678	9.97E-47	2.08E-45	ESRG	chr3	-	54666149	54673884	3140
ENSG0000(	1.359003	1.043983	0.31069	0.82982	0.88011	RP11-627G	chr18	-	19746859	19748929	1788
ENSG0000(	6.887518	5.36399	0.34945	0.65765	0.74209	CTB-58E17.	chr17	-	36859733	36862514	486
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-466P	chr5	+	75627662	75629781	2120
ENSG0000(	0.36308	0.715414	-0.51558	0.77246	NA	RP11-703N	chr18	-	2688562	2833063	690
ENSG0000(	5.850519	9.453379	-0.66469	0.33243	0.43573	RP11-143J	chr18	-	9121263	9136643	770
ENSG0000(	4.088174	3.259039	0.2804	0.77961	0.84184	POLRMTP1	chr17	-	60214333	60218000	3668
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTD-2535L	chr17	-	63534220	63637151	1616
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	SNORA59B	chr17	+	19460524	19461224	701
ENSG0000(	0.923144	1.234181	-0.3108	0.84078	0.88823	RP11-118E	chr17	-	55599609	55600958	563
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP5-906A2	chr17	+	37329543	37333756	573
ENSG0000(	0.342542	0.640152	-0.50911	0.77219	NA	RP11-296K	chr17	+	27679087	27731118	414
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-963H	chr17	+	10695376	10698302	575
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	LOC73253	chr17	+	66091209	66091898	471
ENSG0000(	1.016461	0.297015	0.95157	0.5817	NA	RP11-354P	chr17	+	28565759	28579255	224
ENSG0000(	1.753786	1.248751	0.34916	0.81254	0.86823	RP11-209D	chr17	-	19832685	19833050	366
ENSG0000(	1.233984	0.997859	0.26626	0.85596	0.89874	RP11-474N	chr18	+	9785105	9787802	1166
ENSG0000(	0	2.08555	-2.222	0.20032	0.289	RHOT1P1	chr18	+	14222007	14222330	324
ENSG0000(	1.068702	1.073121	-0.00382	0.99817	0.99912	RP11-789C	chr18	-	8360818	8367032	616
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-927P	chr17	-	62932603	62936347	255
ENSG0000(	6.504714	2.261179	1.3623	0.18606	0.27176	RP11-769C	chr18	+	735746	737459	1714
ENSG0000(	64.91659	76.145	-0.22934	0.40928	0.51423	STRADA	chr17	-	61780192	61819330	3685
ENSG0000(	0.290301	22.89907	-5.2595	5.74E-06	1.90E-05	RP11-855A	chr17	-	65989996	65992547	414
ENSG0000(	0	1.40169	-1.7271	0.32809	NA	RP11-1113	chr17	+	19504173	19505569	913
ENSG0000(	37.13685	28.10683	0.39261	0.28248	0.38356	CTD-2267D	chr17	+	38516907	38520945	2094
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-100K	chr18	+	75897223	75900887	2727
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-746E	chr17	+	12620322	12622491	2170
ENSG0000(	7.095668	3.633731	0.91953	0.2599	0.35784	NARF-IT1	chr17	+	80439974	80441264	769
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTD-2594A	chr18	+	14485805	14487500	1232
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	CTC-525D6	chr19	-	29980682	30017855	543
ENSG0000(	0	1.188058	-1.268	0.47398	NA	COX6CP3	chr18	-	1176791	1177013	223
ENSG0000(	2.914991	4.259314	-0.49981	0.60223	0.69569	LINC00683	chr18	+	74327169	74337897	3510
ENSG0000(	1.265686	2.056411	-0.55329	0.67612	0.75745	RP11-41O4	chr18	+	68002675	68019695	815
ENSG0000(	1.939605	1.355566	0.46104	0.71492	0.78872	RP11-640I	chr17	+	15554904	15557803	571
ENSG0000(	0.342542	0.951736	-0.90924	0.59857	NA	RP11-172F	chr18	-	4775053	5004536	561
ENSG0000(	2.044087	0	2.4801	0.12801	0.19906	RP11-41O4	chr18	-	68047376	68051827	2637
ENSG0000(	0.632843	0.357707	0.4993	0.77637	NA	UBL5P2	chr17	-	30554909	30555127	219
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-627G	chr18	-	19780582	19785192	770
ENSG0000(	0.705622	2.431104	-1.3893	0.3527	0.45699	RP11-1C8.4	chr8	-	1.04E+08	1.04E+08	777
ENSG0000(	0.342542	0.700845	-0.57269	0.74414	NA	RP11-159D	chr17	-	56154252	56160565	6113
ENSG0000(	1.338465	0	1.8837	0.27037	NA	ARIH2P1	chr18	+	26231696	26233172	1477
ENSG0000(	0.685084	0	0.85004	0.63064	NA	hsa-mir-74	chr17	+	11985216	11985313	98

ENSG0000(	0.653381	0	0.82678	0.64037	NA	RP11-484N	chr18	-	68003165	68004546	384
ENSG0000(	1.08924	0.297015	0.89622	0.61378	NA	CTD-2008P	chr17	-	26596229	26599391	1441
ENSG0000(	1.649304	0.686276	0.97287	0.52262	0.62516	RP11-173N	chr17	+	25660282	25675517	454
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-25O3	chr18	-	49862731	49865395	714
ENSG0000(	0.943682	2.200487	-0.95411	0.51359	0.61662	RP11-848P	chr17	-	29305628	29307268	668
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-101C	chr17	-	72039591	72150351	573
ENSG0000(	0.72616	1.591889	-0.89909	0.55896	0.65777	RP11-1096	chr17	-	11857206	11880911	463
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-344E	chr17	+	20759259	20760630	1372
ENSG0000(	1.742621	1.888903	-0.13084	0.92332	0.94839	RP11-142C	chr17	+	29460200	29465536	2780
ENSG0000(	0.685084	1.280305	-0.63506	0.70102	0.77757	RP11-710N	chr18	+	3580167	3580752	586
ENSG0000(	8.672193	3.025133	1.446	0.087146	0.14385	RP11-214C	chr17	+	14230652	14232791	2140
ENSG0000(	0.685084	1.591889	-0.93637	0.54313	0.64363	RP11-640N	chr17	-	30415179	30421952	299
ENSG0000(	0.580602	0.357707	0.37639	0.83285	NA	RP11-227G	chr17	+	30738236	30739439	552
ENSG0000(	0	13.38574	-5.2831	3.15E-05	9.53E-05	CTB-41I6.1	chr17	+	8869213	8870387	402
ENSG0000(	0.290301	0.700845	-0.56655	0.74739	NA	RP11-737C	chr18	+	2967016	2985408	568
ENSG0000(	0	3.755116	-3.416	0.021122	0.041462	RP11-874J	chr18	+	3653410	3656282	1455
ENSG0000(	28.18471	126.0613	-2.1408	1.03E-10	5.10E-10	RP11-329L	chr17	+	62223330	62223836	278
ENSG0000(	9.524186	6.664569	0.46317	0.53877	0.63946	CBX3P2	chr18	-	2652169	2655394	1429
ENSG0000(	1.233984	0.343138	1.1864	0.48571	NA	RP11-180P	chr17	-	61044178	61045910	912
ENSG0000(	0.290301	0.891044	-0.7342	0.68015	NA	RP11-88L2	chr2	+	1.8E+08	1.8E+08	1956
ENSG0000(	0.342542	0.98329	-0.93492	0.58786	NA	RP11-91I8.	chr18	-	6728820	6729861	491
ENSG0000(	3.443352	2.468363	0.40998	0.72724	0.79827	RP13-991F	chr17	-	80434473	80435800	838
ENSG0000(	2.987769	0	3.1007	0.040889	0.074766	RP11-149I	chr9	+	21995481	21996012	435
ENSG0000(	1.991846	21.33632	-3.2208	0.000145	0.000404	RP11-806L	chr18	+	650229	652843	2106
ENSG0000(	0.653381	0.297015	0.51304	0.77085	NA	RP11-822E	chr17	+	21436235	21446049	965
ENSG0000(	173.6452	179.0069	-0.0435	0.85235	0.89626	CTB-131K1	chr17	+	37558046	37562486	860
ENSG0000(	1.576526	5.600312	-1.6327	0.11232	0.17834	RP11-401F	chr17	+	65240953	65241922	689
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CTD-2515C	chr18	-	26836782	26837025	244
ENSG0000(	5.560218	4.383115	0.32398	0.73722	0.80634	CTD-2349P	chr17	+	29119390	29119851	462
ENSG0000(	0.705622	0.343138	0.57395	0.74355	NA	RP11-995C	chr17	+	44581312	44586705	470
ENSG0000(	0.632843	2.263595	-1.4042	0.34518	0.44925	RP11-45M2	chr17	-	17138747	17139432	686
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	RP11-766H	chr17	-	71064009	71064427	419
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	RP11-874J	chr18	-	3770017	3771430	557
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-650P	chr18	-	29076608	29077158	433
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	RP11-805F	chr18	-	15003974	15006351	1175
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-138P	chr17	+	26201671	26208263	2266
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-40A1	chr17	+	31438876	31458761	557
ENSG0000(	1.608228	2.307303	-0.43322	0.73306	0.80275	CTD-2510F	chr17	-	57252344	57259148	798
ENSG0000(	14.5038	8.695874	0.71083	0.27197	0.37141	RP11-385D	chr17	-	15434087	15434403	317
ENSG0000(	2.064625	3.305162	-0.63232	0.55939	0.65812	RP11-881L	chr18	+	9587384	9590180	534
ENSG0000(	7.552064	0.654722	3.1018	0.005703	0.012553	RP11-449D	chr18	+	22305745	22509040	592
ENSG0000(	0.632843	2.65044	-1.6752	0.21263	0.30317	RP11-838N	chr18	+	3284143	3327290	864
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP1-71H19	chr6	+	57358736	57362565	345
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-583F	chr17	+	63048027	63049426	537
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-466A	chr17	+	30845971	30858510	408
ENSG0000(	2.012384	4.259314	-0.99331	0.34212	0.44602	RP11-6N17	chr17	-	46007048	46010472	335
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	RFWD2P1	chr18	+	8412127	8414302	2176
ENSG0000(	1.016461	0.297015	0.95157	0.5817	NA	RP11-94B1	chr18	+	73971121	73972069	462
ENSG0000(	2.86275	1.043983	1.2674	0.324	0.42695	RP11-927P	chr17	+	62895884	62896834	560
ENSG0000(	9.658579	27.86876	-1.4834	0.031302	0.058862	RP11-138I	chr17	-	16343793	16344266	304
ENSG0000(	1.379541	0	1.686	0.34092	NA	RP11-1376	chr17	+	80117932	80118328	345
ENSG0000(	1.016461	1.012429	0.001343	0.99932	0.99973	RP11-849N	chr17	-	15283181	15321195	538
ENSG0000(	0.342542	1.058552	-0.99235	0.56407	NA	RP11-258F	chr17	-	18075939	18088067	2158
ENSG0000(	2.914991	4.533638	-0.54744	0.6256	0.71564	RP5-1148A	chr6	-	64280910	64282313	1404
ENSG0000(	0	1.309443	-1.6539	0.35008	NA	RP11-30L3	chr18	+	46732282	46735151	472
ENSG0000(	1.068702	6.815092	-2.4065	0.035776	0.066477	RP11-661C	chr18	-	8635177	8636345	780
ENSG0000(	75.63531	118.7017	-0.65028	0.003853	0.008727	RP11-214C	chr17	+	14207171	14208822	1652
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-398J	chr17	+	77128804	77132484	547
ENSG0000(	3.236995	17.21779	-2.2799	0.003593	0.008183	MYO15B	chr17	+	73584139	73622929	9407
ENSG0000(	11.25743	15.97387	-0.51077	0.38558	0.48989	RP11-855A	chr17	-	65947001	65947862	709
ENSG0000(	6.349784	1.606458	1.7732	0.087927	0.14489	RP11-466A	chr17	+	30822554	30826351	2480
ENSG0000(	0.943682	1.84278	-0.74197	0.62261	0.71299	RP11-131K	chr17	-	13861065	13870269	511
ENSG0000(	57.5245	44.24096	0.36802	0.30339	0.40468	RP11-690G	chr17	-	37408897	37410550	1654
ENSG0000(	0.290301	0.98329	-0.92952	0.59103	NA	RP11-678G	chr18	-	7741308	7754829	1057
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP11-321N	chr18	-	73144658	73148912	748

ENSG0000(	40.05363	25.67889	0.6407	0.070069	0.11931	SH3GL1P1	chr17	+	30366993	30369847	1945
ENSG0000(	3.350849	4.709268	-0.45664	0.62675	0.71666	RP11-715F	chr18	-	2561171	2562219	1049
ENSG0000(	0.653381	1.355566	-0.7988	0.59369	0.68833	RP11-521L	chr16	+	68967723	68971628	641
ENSG0000(	1.649304	0	2.1906	0.18857	NA	RP1-77H15	chr17	-	16461299	16462583	689
ENSG0000(	0.870904	0.594029	0.31055	0.86063	NA	RP11-61L1	chr18	+	9506240	9509724	3485
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-744K	chr17	+	21858203	21859016	229
ENSG0000(	1.649304	0	2.1906	0.18857	NA	RP11-6N17	chr17	-	45956838	45959764	2927
ENSG0000(	0.705622	3.3343	-1.8031	0.20849	0.29847	RP11-599B	chr17	+	8080130	8086130	465
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	CTD-2008P	chr17	-	26573480	26575032	1553
ENSG0000(	27.3764	0.937167	4.4847	1.78E-07	6.82E-07	RP11-838N	chr18	+	3466248	3478976	643
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-121A	chr17	+	20226371	20226650	280
ENSG0000(	0.36308	0.715414	-0.51558	0.77246	NA	RP11-543H	chr18	-	67372214	67392211	483
ENSG0000(	1.233984	0.343138	1.1864	0.48571	NA	RP11-862L	chr18	+	74686646	74696118	812
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	RP11-370A	chr18	-	20303454	20487684	571
ENSG0000(	0.580602	0.357707	0.37639	0.83285	NA	ITM2BP1	chr17	-	25939614	25940277	664
ENSG0000(	30.49774	25.16341	0.28009	0.48759	0.59159	RP11-848P	chr17	+	29335515	29420145	739
ENSG0000(	0.342542	7.271493	-3.5775	0.007501	0.016134	RP6-114E2	chr14	+	72315323	72375147	397
ENSG0000(	3.434793	0.343138	2.5462	0.082107	0.1366	RP1-41C23	chr17	+	29910181	29964562	568
ENSG0000(	1.027626	11.33987	-3.1376	0.003233	0.007417	RP11-1090	chr17	+	12721314	12726571	5258
ENSG0000(	3.362014	2.96444	0.15426	0.88489	0.91965	RP11-692N	chr18	-	9734879	9735599	368
ENSG0000(	0	1.727843	-1.9772	0.25933	NA	AC005616.	chr19	-	28982771	29123635	1269
ENSG0000(	3.236995	2.468363	0.3218	0.78765	0.84816	CTC-268N1	chr17	-	35402760	35410075	718
ENSG0000(	16.53591	11.5786	0.48631	0.3757	0.47975	RP1-266L2	chr6	+	1.7E+08	1.7E+08	1630
ENSG0000(	4.834872	11.28475	-1.1614	0.17131	0.25375	AC005546.	chr19	+	13242385	13243224	391
ENSG0000(	0.342542	1.698704	-1.6607	0.28969	0.39119	RP11-173A	chr18	+	59913043	59914645	1603
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	RP11-567N	chr18	-	77462721	77463651	474
ENSG0000(	0.632843	39.51713	-5.4148	9.34E-09	3.98E-08	CTB-171A8	chr19	-	45135500	45222031	829
ENSG0000(	9.06779	25.27277	-1.4276	0.046284	0.083193	LINC00663	chr19	-	19868175	19887232	2546
ENSG0000(	0.36308	2.027273	-1.8576	0.23341	0.32704	RP11-1058	chr18	-	46489321	46490311	352
ENSG0000(	1.068702	0.937167	0.097081	0.9507	0.96919	AC006116.	chr19	-	56831159	56833679	2171
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	SLC25A6P4	chr18	+	77835609	77836161	553
ENSG0000(	3.092251	5.118803	-0.69896	0.47262	0.57724	CTC-448F2.	chr19	+	30528330	30529063	734
ENSG0000(	1.576526	0.297015	1.5836	0.31987	NA	RP1-161P9	chr17	-	34084218	34085344	480
ENSG0000(	4.201215	3.319731	0.32265	0.73757	0.80653	CTC-325H2	chr19	+	9455460	9456574	1115
ENSG0000(	0.975385	6.116663	-2.344	0.0361	0.067003	CTC-548K1	chr19	-	14416270	14481008	573
ENSG0000(	4.242291	28.73074	-2.6708	6.90E-06	2.26E-05	CTD-3064H	chr19	-	37988063	37997948	670
ENSG0000(	2.375464	4.692283	-0.91143	0.3585	0.46278	RP11-798G	chr17	+	43608943	43611204	2262
ENSG0000(	5.040416	1.713273	1.4284	0.1874	0.27341	RP11-15A1	chr19	-	44501048	44506988	2550
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTC-499B1	chr19	-	11836776	11841598	491
ENSG0000(	4.729577	9.756842	-0.96625	0.20081	0.28951	AC005943.	chr19	-	1581789	1582322	534
ENSG0000(	0.580602	1.280305	-0.74494	0.65331	NA	AC006273.	chr19	+	786650	787037	388
ENSG0000(	0.290301	0	0.4146	0.81455	NA	CTB-70G10	chr19	-	28785000	28804407	575
ENSG0000(	68.5372	32.45189	1.0773	0.00117	0.002873	CTD-2085J	chr19	-	33366831	33369327	495
ENSG0000(	0.580602	0.951736	-0.43779	0.79667	NA	AC006116.	chr19	-	56853801	56854788	988
ENSG0000(	0.653381	4.752975	-2.4359	0.047938	0.085782	AC005775.	chr19	-	490046	507813	830
ENSG0000(	13.44447	2.713549	2.1761	0.01101	0.02293	RP11-332H	chr17	+	59460146	59462041	716
ENSG0000(	4.023955	2.338857	0.73394	0.48588	0.58984	CTD-3234P	chr19	+	37119695	37121092	550
ENSG0000(	4.119877	5.317866	-0.35411	0.70918	0.78392	CTC-215O4	chr19	-	11121593	11126687	366
ENSG0000(	27.74868	29.04312	-0.07029	0.88063	0.91673	CTC-479C5	chr16	+	67903863	67906470	2608
ENSG0000(	2.07579	1.531196	0.31317	0.83139	0.88112	AC104532.	chr19	+	5899906	5901522	341
ENSG0000(	1.068702	2.514486	-1.0243	0.4743	0.57889	RP11-378E	chr17	+	35743821	35744861	735
ENSG0000(	8.3193	0.640152	3.2237	0.004205	0.009464	MRPL37P1	chr18	+	56357588	56359385	1337
ENSG0000(	13.00861	9.854793	0.38053	0.52606	0.62788	RP11-799D	chr17	-	33558469	33569982	2658
ENSG0000(	0.995923	3.466222	-1.5675	0.20244	0.29126	CTD-2623N	chr19	+	9904297	9912977	408
ENSG0000(	0.995923	0	1.4959	0.39264	NA	RP11-701H	chr18	-	13644814	13645684	538
ENSG0000(	0	4.120944	-3.5578	0.015435	0.031191	RP11-820I1	chr18	-	11993987	11994937	528
ENSG0000(	0.653381	0.343138	0.51863	0.76794	NA	RP11-49K2	chr18	-	44603732	44617651	200
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	AC006126.	chr19	+	45690646	45720191	540
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC005786.	chr19	-	3568118	3568271	154
ENSG0000(	0.342542	0	0.4146	0.81455	NA	FAM106DP	chr17	+	58250683	58251183	501
ENSG0000(	0	14.52123	-5.3802	2.42E-05	7.41E-05	FXYD1	chr19	+	35629712	35634013	959
ENSG0000(	2.572449	3.587607	-0.43279	0.66317	0.7466	RP11-712P	chr18	+	33175865	33177563	1699
ENSG0000(	18.36166	16.76126	0.1364	0.78264	0.84429	AARSD1	chr17	-	41102543	41116515	1322
ENSG0000(	1.919068	0	2.4151	0.13977	0.21349	RP11-116C	chr18	+	43226118	43227895	1778
ENSG0000(	3.869838	2.681995	0.49366	0.63475	0.72324	RP11-773H	chr18	-	12984693	12991172	474

ENSG0000(	7.987109	43.35637	-2.3694	2.75E-06	9.41E-06	RP11-806H	chr17	+	76356534	76369992	777
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	OR4F8P	chr19	-	156279	157215	937
ENSG0000(	0	16.53393	-5.6455	3.18E-06	1.08E-05	AC015849.	chr17	-	34239639	34245014	5376
ENSG0000(	0.580602	0.297015	0.36801	0.83644	NA	CTD-3162L	chr19	+	36868930	36869734	566
ENSG0000(	1.265686	6.272018	-2.0225	0.071466	0.12125	CTC-425F1	chr19	+	13041336	13044110	241
ENSG0000(	1.919068	21.68429	-3.3031	1.58E-05	4.96E-05	AC079466.	chr19	+	29097595	29106136	4453
ENSG0000(	1.939605	1.248751	0.50699	0.70611	0.78157	RP11-552F	chr17	-	73814896	73816136	890
ENSG0000(	7.61547	9.453379	-0.3088	0.64629	0.7328	CTC-232P5	chr19	+	5978414	6020374	639
ENSG0000(	1.338465	0.686276	0.71882	0.64669	0.73297	RP11-354P	chr17	-	28471080	28471808	360
ENSG0000(	0	1.40169	-1.7271	0.32809	NA	AC004528.	chr19	-	999795	1002756	641
ENSG0000(	16.94267	6.800523	1.2522	0.057473	0.10052	RP4-657D1	chr1	+	52259637	52264824	1288
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-127I	chr16	-	4780116	4802566	556
ENSG0000(	1.939605	0	2.4257	0.13778	0.21116	RP11-703I	chr18	-	12040100	12040299	200
ENSG0000(	4.584833	3.556053	0.33055	0.7258	0.79716	RP11-936I	chr17	-	75369900	75373318	3419
ENSG0000(	0.290301	15.99247	-4.7999	4.13E-05	0.000123	AC015849.	chr17	-	34220711	34238027	5473
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-27G2	chr18	+	57126304	57132914	487
ENSG0000(	26.19547	32.13224	-0.29832	0.43283	0.53826	RP11-242D	chr17	-	41316200	41322420	1191
ENSG0000(	6.484176	3.480792	0.80219	0.37363	0.47802	CTC-507E2	chr17	-	34006411	34011922	3329
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	CTD-2659N	chr19	-	12836331	12836700	97
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC002984.	chr19	-	36664308	36664755	448
ENSG0000(	1.814586	1.577319	0.16857	0.90715	0.93617	CTC-448F2	chr19	-	30519648	30520823	1176
ENSG0000(	4.637074	2.679579	0.71885	0.49526	0.59911	RP11-120N	chr17	+	66409783	66489811	773
ENSG0000(	25.25953	5.300881	2.1994	0.000123	0.000347	RP11-108P	chr18	+	56419380	56421709	2330
ENSG0000(	1.971308	0.891044	0.85363	0.56108	0.65963	CTB-50L17	chr19	-	4457959	4471490	478
ENSG0000(	13.27838	0	5.356	1.05E-05	3.35E-05	CTD-2171N	chr18	-	52773135	52791537	3067
ENSG0000(	0.342542	0.594029	-0.38792	0.8278	NA	RP11-800A	chr18	-	77100258	77103972	502
ENSG0000(	6.773664	4.152498	0.65289	0.44485	0.5504	RP11-75C1	chr17	-	75465244	75468852	1132
ENSG0000(	3.76617	2.667426	0.4385	0.6775	0.75844	AC010525.	chr19	+	56207681	56208795	1115
ENSG0000(	458.9154	114.0644	2.0051	6.15E-38	1.02E-36	LRRC37A16	chr17	-	66121918	66148609	3725
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTD-2588C	chr19	-	34917017	34919178	442
ENSG0000(	45.57538	50.90063	-0.16399	0.61359	0.70567	AC015849.	chr17	-	34143721	34157297	488
ENSG0000(	0.342542	1.309443	-1.2504	0.45877	NA	RP11-92C4	chr9	-	1.02E+08	1.02E+08	885
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC011524.	chr19	-	29440344	29441107	240
ENSG0000(	0	2.171348	-2.344	0.17175	0.25427	RP11-619L	chr18	+	53119764	53150171	396
ENSG0000(	3.298608	16.54763	-2.2339	0.001477	0.003571	AC092299.	chr19	+	197955	200775	381
ENSG0000(	2.032922	0.937167	0.8414	0.56845	0.66579	CTD-2562J	chr19	-	16297087	16300269	578
ENSG0000(	1.08924	0	1.1858	0.50299	NA	RP11-384C	chr2	-	2.23E+08	2.23E+08	1412
ENSG0000(	0.580602	1.545765	-0.94378	0.56695	0.6646	AC005559.	chr19	-	590277	591603	1327
ENSG0000(	0.290301	0.997859	-1.0217	0.53916	NA	RP11-58G1	chr18	-	34481909	34503777	688
ENSG0000(	6.14082	13.02642	-1.0436	0.10391	0.16666	RP11-35G9	chr18	+	55297534	55405276	1976
ENSG0000(	76.20556	573.6977	-2.9061	4.23E-45	8.45E-44	ZNF850	chr19	-	37205285	37263727	7714
ENSG0000(	0.705622	2.292733	-1.4312	0.29668	0.39869	CTD-3193K	chr17	+	40831981	40834038	542
ENSG0000(	0.705622	1.623443	-0.93459	0.54345	0.64389	AC005757.	chr19	-	45639251	45640235	472
ENSG0000(	3.371387	2.855208	0.19006	0.86746	0.90758	AC006126.	chr19	-	45741890	45748628	460
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-566K	chr16	+	89972565	89984641	559
ENSG0000(	3.725094	2.171348	0.65085	0.57472	0.67168	AC002398.	chr19	-	36260046	36261930	427
ENSG0000(	0.36308	26.28265	-5.4787	7.06E-07	2.55E-06	CTD-3162L	chr19	+	36795482	36803570	2305
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTD-2540B	chr19	+	33668962	33669557	375
ENSG0000(	0	31.98179	-6.5113	4.32E-08	1.74E-07	RP11-486P	chr7	+	20135760	20170098	670
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC005336.	chr19	-	16021393	16022634	1242
ENSG0000(	0.653381	0	0.82678	0.64037	NA	RP11-456C	chr18	+	53709366	53763550	620
ENSG0000(	22.324	6.610324	1.7143	0.002849	0.00659	RP11-15A1	chr19	-	44395956	44405957	2193
ENSG0000(	3.953782	4.083685	-0.03341	0.97626	0.9866	UQCR11	chr19	-	1578011	1605483	1335
ENSG0000(	4.264621	5.675573	-0.37824	0.67632	0.7576	PTGES3L	chr17	-	41120105	41132545	1905
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC006130.	chr19	-	2847225	2858714	555
ENSG0000(	0.72616	1.387121	-0.65389	0.69349	0.77146	RP1-212G6	chrX	+	47518232	47519776	1525
ENSG0000(	3.516131	0.715414	1.9347	0.15326	0.23122	CTD-2246P	chr17	+	74795126	74802035	2270
ENSG0000(	0.653381	2.010288	-1.2874	0.36461	0.469	CTB-75G16	chr17	+	34990527	34991156	630
ENSG0000(	0	6.809387	-4.3308	0.001307	0.003184	RP11-64C1	chr18	+	12288307	12291487	733
ENSG0000(	0	2.80338	-2.6928	0.10826	0.17265	RP11-10K1	chr16	+	5148740	5192596	531
ENSG0000(	0.995923	0	1.4959	0.39264	NA	AC005256.	chr19	+	1748055	1748744	415
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	CCDC58P3	chr18	+	12211377	12211806	430
ENSG0000(	83.13709	84.35515	-0.01583	0.95024	0.96892	ASB16-AS1	chr17	-	42253341	42264085	2213
ENSG0000(	3.76617	12.77882	-1.6939	0.037749	0.069704	CTC-510F1	chr19	+	11314304	11326844	569
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	AC079005.	chr17	+	58887526	58888823	1298

ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-115N	chr18	+	39669276	39669716	441
ENSG0000(	0.653381	0	0.82678	0.64037	NA	CTC-499B1	chr19	-	11952056	11953254	442
ENSG0000(	3.475869	1.294874	1.2124	0.30761	0.40932	CTBP2P7	chr19	-	36987818	36989061	1244
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CTB-25B13	chr19	+	1508381	1508962	450
ENSG0000(	3.568372	6.846646	-0.8831	0.28733	0.38898	CTD-2105E	chr19	-	55911113	55911787	675
ENSG0000(	5.704962	13.51921	-1.1615	0.13584	0.20899	CTD-2537I9	chr19	+	56181998	56183435	802
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	RP11-325K	chr18	-	58297400	58569959	558
ENSG0000(	163.7025	428.4276	-1.3802	8.20E-16	5.62E-15	ILF3-AS1	chr19	-	10762538	10764520	1983
ENSG0000(	4.781817	14.089	-1.4731	0.033781	0.063112	RP11-686D	chr17	-	33736621	33737247	627
ENSG0000(	83.31256	85.89056	-0.04629	0.8638	0.90507	CTD-3116E	chr19	+	9731967	9756572	2461
ENSG0000(	0.290301	1.012429	-0.95336	0.58114	NA	AC011526.	chr19	-	41960074	42006559	3472
ENSG0000(	5.000153	5.150358	-0.0579	0.94555	0.96514	RP11-861E	chr18	+	12432896	12437634	168
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AC008993.	chr19	+	68403	69146	744
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AF038458.	chr19	-	36448023	36448284	262
ENSG0000(	4.512054	6.099678	-0.4086	0.63939	0.72686	CTB-129P6	chr19	-	45453301	45457264	361
ENSG0000(	0.290301	2.872193	-2.3798	0.10788	0.17217	CTD-3064H	chr19	-	37994808	37995367	560
ENSG0000(	3.10081	1.966581	0.57691	0.64196	0.72893	AC010525.	chr19	-	56205484	56205924	441
ENSG0000(	1.338465	4.648575	-1.6048	0.15057	0.22784	RPL10P15	chr19	+	9930817	9931131	315
ENSG0000(	1.649304	1.698704	-0.02525	0.98381	0.99083	CTD-2020K	chr17	-	43268298	43299589	2238
ENSG0000(	1.233984	1.012429	0.23966	0.87666	0.91427	AC004490.	chr19	-	2212028	2215564	2738
ENSG0000(	0.36308	0.715414	-0.51558	0.77246	NA	CTD-2357A	chr17	-	76613471	76628139	877
ENSG0000(	21.45391	14.89505	0.51594	0.28453	0.38589	RP11-795F	chr18	+	77794346	77854968	2218
ENSG0000(	7.261763	12.61205	-0.77174	0.21183	0.30224	RNF157-AS	chr17	+	74136637	74150731	1812
ENSG0000(	0	2.139794	-2.2809	0.18733	0.27337	CTD-2540B	chr19	+	33795942	33800293	404
ENSG0000(	2.531373	0.997859	1.1231	0.40526	0.51012	RP11-332H	chr17	-	59439029	59477604	470
ENSG0000(	16.40828	0	5.604	5.10E-06	1.69E-05	RP11-53B2	chr18	-	13514519	13522887	4745
ENSG0000(	6.960297	0.343138	3.5992	0.005285	0.011722	RP11-15K2	chr17	-	59537585	59540745	552
ENSG0000(	0.290301	0.640152	-0.50256	0.77558	NA	AC005954.	chr19	-	3754618	3756657	337
ENSG0000(	13.01717	14.71867	-0.1775	0.78449	0.84576	CTB-31O20	chr19	+	1860249	1862018	607
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTD-3162L	chr19	+	36912438	36913436	999
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AC067968.	chr19	-	44527756	44529414	566
ENSG0000(	0	1.788535	-1.712	0.33711	NA	CTC-548K1	chr19	+	14444555	14454725	765
ENSG0000(	0.36308	5.271743	-3.2296	0.014706	0.029841	CTC-550B1	chr19	-	55538961	55565296	1271
ENSG0000(	2.604151	11.67972	-2.0341	0.012303	0.025378	RP11-411B	chr18	+	14089934	14091018	1085
ENSG0000(	12.61302	23.98589	-0.90259	0.063817	0.11011	CTD-2528L	chr19	-	38219487	38221544	1360
ENSG0000(	1.027626	3.685559	-1.4176	0.35002	0.45435	AC005391.	chr19	-	928257	928817	330
ENSG0000(	1.774324	2.041842	-0.1887	0.88476	0.91958	RP11-1072	chr17	-	42751057	42753625	2569
ENSG0000(	51.63405	37.71624	0.44532	0.38271	0.48685	AC005943.	chr19	-	1573595	1575474	1880
ENSG0000(	3.516131	1.029414	1.4922	0.2633	0.36145	AC084219.	chr19	-	44598503	44603864	2139
ENSG0000(	0	2.543625	-2.8094	0.076886	0.12916	RP11-527L	chr17	-	41991801	42000369	725
ENSG0000(	1.265686	3.616746	-1.2856	0.29411	0.39611	RP11-687F	chr18	-	44383187	44383857	671
ENSG0000(	62.25685	69.40021	-0.15667	0.55114	0.65079	CTB-55O6.	chr19	+	14247991	14282079	2861
ENSG0000(	0.632843	1.995719	-1.3071	0.35187	0.456	CTC-260F2	chr19	+	19615087	19615463	377
ENSG0000(	0	2.087966	-2.2641	0.18897	0.27528	RP11-397A	chr18	+	53484398	53486990	2593
ENSG0000(	0.290301	4.210775	-2.8838	0.042806	0.077736	CTC-510F1	chr19	-	11411453	11435117	655
ENSG0000(	4.00423	9.355427	-1.1712	0.12245	0.19213	CTB-179K2	chr19	-	45588587	45593632	618
ENSG0000(	0.995923	0	1.4959	0.39264	NA	RP11-756J	chr18	-	13234944	13236469	228
ENSG0000(	0.36308	0.640152	-0.51156	0.77091	NA	CTC-260F2	chr19	-	19698901	19699225	325
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	AC007136.	chr19	-	2030852	2031050	199
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-382N	chr16	-	5339201	5339410	210
ENSG0000(	3.734467	7.6106	-0.98633	0.2327	0.32625	AC010525.	chr19	+	56207251	56209196	537
ENSG0000(	1.370168	0.343138	1.1145	0.52721	NA	PTP4A2P1	chr17	+	40685550	40686027	478
ENSG0000(	2.448243	5.788094	-1.1663	0.25482	0.35198	RP11-15A1	chr19	+	44406153	44430697	517
ENSG0000(	0.632843	0.594029	0.039277	0.98194	NA	AC006116.	chr19	+	56898781	56899793	452
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-116C	chr18	-	43249332	43327180	547
ENSG0000(	47.24522	185.9636	-1.9682	2.88E-16	2.02E-15	RP1-193H1	chr17	+	67547499	67550002	2504
ENSG0000(	1.45232	0	1.4544	0.41354	NA	hsa-mir-21	chr17	-	1953565	1953674	110
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-813F	chr18	-	47496091	47497327	375
ENSG0000(	4.49233	13.13807	-1.4819	0.075156	0.12671	CTC-429L1	chr19	-	10601015	10601676	357
ENSG0000(	0.870904	4.120944	-1.815	0.16628	0.24748	RP11-798G	chr17	+	43623170	43640596	630
ENSG0000(	6.826718	6.313309	0.094599	0.90257	0.93263	RP11-861E	chr18	+	12438889	12448204	4910
ENSG0000(	1.048164	0	1.348	0.44949	NA	hsa-mir-13	chr17	-	1953202	1953302	101
ENSG0000(	17.51211	5.011988	1.6945	0.017001	0.034046	AC005624.	chr19	-	2458933	2462183	371
ENSG0000(	0.290301	0.654722	-0.51764	0.76892	NA	RP11-264B	chr17	-	59111997	59147483	429
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	CTD-2659N	chr19	-	12895353	12895915	388

ENSG0000(	2.003011	8.357568	-1.8814	0.062721	0.10842	AC007773.	chr19	-	32880956	32896445	951
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTC-265F1	chr19	+	2631952	2632847	454
ENSG0000(	18.84976	12.62259	0.55352	0.27782	0.37819	AC010642.	chr19	+	58790332	58826563	4227
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC005336.	chr19	-	16013133	16014048	916
ENSG0000(	6.692325	2.947455	1.0949	0.21308	0.30368	AC010504.	chr19	-	34839261	34850317	585
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	CTC-260E6.	chr19	-	20242703	20262717	283
ENSG0000(	3.527296	27.37363	-2.8002	0.000195	0.000536	CTD-2132N	chr17	-	40192731	40195135	761
ENSG0000(	1.576526	1.623443	-0.02613	0.98452	0.99109	RP11-194N	chr17	+	40647885	40648568	684
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC005498.	chr19	+	57046668	57047132	465
ENSG0000(	4.119877	6.225895	-0.56353	0.56511	0.66302	RP11-126C	chr18	-	56337712	56339109	738
ENSG0000(	1.265686	1.591889	-0.26775	0.8454	0.89157	IER3IP1	chr18	-	44661027	44702652	561
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-376N	chr17	-	41127706	41129292	1587
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	AC005786.	chr19	+	3558013	3558484	369
ENSG0000(	12.94619	6.970447	0.87443	0.15803	0.23738	RP11-618P	chr19	+	34873966	34893064	425
ENSG0000(	8.040164	5.334851	0.5569	0.4912	0.59522	AC069278.	chr19	-	44978645	44979403	759
ENSG0000(	4.906837	61.69662	-3.5787	1.51E-13	9.03E-13	AC005307.	chr19	-	28926295	29218684	3113
ENSG0000(	34.05837	51.09157	-0.58437	0.060726	0.10549	CTB-31O20	chr19	+	1822088	1824544	2400
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	CTD-2085J	chr19	-	33315048	33315411	364
ENSG0000(	7.427045	5.378559	0.46041	0.54004	0.6406	RP11-798G	chr17	-	43627147	43636104	826
ENSG0000(	13.984	13.06771	0.086164	0.88292	0.91846	CTD-2319I	chr17	-	58203896	58213005	1023
ENSG0000(	9.410332	20.5966	-1.1181	0.052539	0.092845	RP11-973H	chr18	-	12670425	12671144	720
ENSG0000(	12.4298	7.060278	0.7889	0.23198	0.32553	AC139100.	chr18	+	77941563	77960875	2035
ENSG0000(	1.213446	0.715414	0.55281	0.74025	0.80889	RP11-209N	chr17	-	41795682	41797804	2123
ENSG0000(	5.467715	7.039261	-0.37182	0.65034	0.73612	CTD-2162K	chr19	+	37288420	37319017	850
ENSG0000(	1.286224	3.677438	-1.3084	0.26582	0.36456	CTB-50L17.	chr19	-	4429686	4430931	569
ENSG0000(	3.983692	0	3.5462	0.014052	0.028626	RP11-1151	chr18	+	56202647	56205784	2553
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	CTD-2008P	chr17	-	26559616	26562307	2692
ENSG0000(	0.72616	12.30859	-3.7332	0.000518	0.001342	CTD-2162K	chr19	+	37264055	37267980	1850
ENSG0000(	0.290301	0.594029	-0.38058	0.83094	NA	RP11-75C1	chr17	+	75465150	75467127	768
ENSG0000(	1.991846	1.638012	0.23662	0.84339	0.89009	CTC-459F4.	chr19	+	28294446	28294968	523
ENSG0000(	6.544976	19.51777	-1.5292	0.013539	0.027694	CTC-550B1	chr19	+	55517561	55559454	786
ENSG0000(	0.36308	2.474811	-1.9734	0.22066	0.31266	AC007204.	chr19	+	20011777	20074273	763
ENSG0000(	38.63122	44.00297	-0.18123	0.62316	0.71356	AC139100.	chr18	+	77905807	77936315	3333
ENSG0000(	2.831047	7.942457	-1.3358	0.20264	0.29147	RP5-1052I5	chr1	+	87595448	87634881	3368
ENSG0000(	0.342542	0.654722	-0.52406	0.76557	NA	CTC-543D1	chr19	+	9609354	9620755	656
ENSG0000(	10.3849	5.142237	0.98444	0.20683	0.29652	CTD-2006C	chr19	+	12050774	12064196	468
ENSG0000(	0.580602	0	0.8036	0.6494	NA	CTD-2562J	chr19	-	16394170	16435325	593
ENSG0000(	0.975385	2.575179	-1.1698	0.37551	0.47961	CTD-2342J	chr19	-	11478799	11485611	682
ENSG0000(	30.46865	39.87	-0.38073	0.45415	0.55948	MAP3K14-/	chr17	+	43325292	43345997	2475
ENSG0000(	41.59234	9.790812	2.0461	0.000107	0.000303	RP11-879F	chr18	-	59252979	59274149	735
ENSG0000(	156.7104	0.654722	7.3546	1.10E-18	8.64E-18	RP11-332H	chr17	-	59470817	59488916	861
ENSG0000(	1.213446	1.073121	0.15695	0.92394	0.9488	CTB-129P6	chr19	-	45385284	45394133	426
ENSG0000(	7.250598	12.81279	-0.80159	0.23877	0.3334	AC005306.	chr19	+	1989400	1990369	661
ENSG0000(	0.342542	22.18681	-5.2605	2.43E-06	8.36E-06	RP11-397A	chr18	+	53388294	53455992	565
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP5-951N9	chr12	+	1494999	1496153	574
ENSG0000(	62.48293	1.234181	5.3185	1.86E-13	1.11E-12	RP11-567N	chr18	+	77336460	77349010	4167
ENSG0000(	1.338465	1.606458	-0.23208	0.86574	0.90652	RP13-890H	chr17	-	43246172	43248951	2048
ENSG0000(	0.36308	1.294874	-1.3442	0.40498	NA	CTD-2623N	chr19	-	9944755	9945689	750
ENSG0000(	0.653381	0	0.82678	0.64037	NA	RP11-703I	chr18	-	12050308	12050671	364
ENSG0000(	5.799092	1.995719	1.4024	0.15322	0.23117	RP11-8H2.	chr18	+	43608272	43609795	1524
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	CTD-2319I	chr17	-	58191154	58198048	569
ENSG0000(	0.923144	3.008147	-1.4024	0.26935	0.36835	CEBPA-AS1	chr19	+	33793763	33795960	2198
ENSG0000(	0.705622	0.686276	0.017556	0.99188	NA	AC006116.	chr19	-	56823297	56823855	559
ENSG0000(	0	1.058552	-1.361	0.4451	NA	RPL23AP7	chr18	-	21289789	21290251	463
ENSG0000(	0.923144	2.07098	-0.89793	0.52066	0.62335	RP11-178C	chr17	+	58042193	58074333	1603
ENSG0000(	4.616536	3.290593	0.45248	0.61104	0.70344	AC004637.	chr19	+	3672580	3674293	482
ENSG0000(	0	2.307303	-2.6761	0.094365	0.15383	CTD-3113P	chr19	-	239145	239247	103
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC004510.	chr19	-	15937855	15946663	441
ENSG0000(	7.851738	27.77256	-1.7764	0.001032	0.002553	CTD-2630F	chr19	+	36980551	36981942	1392
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-99A1	chr18	+	52546688	52548040	1100
ENSG0000(	92.33088	57.12083	0.68886	0.060857	0.10568	RP11-142I	chr18	-	39047395	39212149	1710
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-686D	chr17	-	33704435	33704697	263
ENSG0000(	0.632843	0.700845	-0.06767	0.96753	NA	RP11-879F	chr18	-	59238575	59246689	604
ENSG0000(	40.42869	27.87709	0.51548	0.36669	0.47131	CTB-25B13	chr19	-	1457664	1462764	927
ENSG0000(	0.943682	1.387121	-0.39048	0.80001	0.85834	CTD-2528L	chr19	-	38184181	38184465	285

ENSG0000(	0	1.964165	-2.2052	0.20143	0.2901	AC005780.	chr19	-	28807612	28877111	583
ENSG0000(	86.02103	165.5525	-0.94444	2.74E-06	9.37E-06	RP11-1094	chr17	+	33895139	33901811	1298
ENSG0000(	7.49045	17.82552	-1.2108	0.036181	0.067117	SCARNA17	chr18	+	47340393	47377429	1615
ENSG0000(	2.334388	0.297015	2.1031	0.16099	0.24101	SLC25A1P5	chr19	-	28296331	28297113	783
ENSG0000(	94.92289	47.6375	0.99081	9.34E-05	0.000267	RP11-397A	chr18	-	53443958	53448952	4071
ENSG0000(	5.103821	14.04529	-1.3823	0.041301	0.075385	CTD-2008L	chr18	+	53560269	53690753	518
ENSG0000(	4.387035	8.654582	-0.90085	0.25994	0.35788	AC005258.	chr19	-	2329111	2355778	593
ENSG0000(	0	1.606458	-1.9287	0.27074	NA	RP11-677C	chr18	+	11745625	11747580	1618
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTD-2534I	chr17	+	43025280	43026307	1028
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-773H	chr18	+	12912843	12913905	1063
ENSG0000(	0.580602	0.357707	0.37639	0.83285	NA	CTD-2081K	chr19	+	29456038	29461781	3444
ENSG0000(	3.049383	1.98115	0.52467	0.67258	0.75482	RP11-242D	chr17	-	41321897	41322094	198
ENSG0000(	3.568372	7.668876	-1.0315	0.20267	0.2915	RP11-552F	chr17	+	73893141	73896229	1419
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	CTD-2293H	chr19	-	37566015	37569507	572
ENSG0000(	1.628766	5.020852	-1.4641	0.15296	0.23083	EIF5AP3	chr19	+	45631827	45632288	462
ENSG0000(	5.133732	6.725261	-0.36494	0.67964	0.76024	AC015849.	chr17	+	34145403	34150717	421
ENSG0000(	0.36308	4.943174	-3.1395	0.018704	0.037154	CTB-179K2	chr19	-	45579768	45593649	690
ENSG0000(	397.1951	451.1649	-0.18269	0.37249	0.47691	RP1-178F1	chr17	+	18227536	18231369	2480
ENSG0000(	39.62633	14.65631	1.4251	0.000499	0.001296	SH3GL1P3	chr17	-	66130816	66131745	930
ENSG0000(	0.36308	0.700845	-0.575	0.7429	NA	CTD-2162K	chr19	-	37264614	37266810	2197
ENSG0000(	2.447429	3.633731	-0.47991	0.65246	0.7377	RPL9P29	chr17	-	76842035	76842950	593
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	RNU6-2	chr19	+	1021521	1021627	107
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	ZNF585B	chr19	-	37583921	37701414	965
ENSG0000(	0.290301	0	0.4146	0.81455	NA	CTD-3162L	chr19	-	36870253	36871814	249
ENSG0000(	0	1.949596	-2.4359	0.13595	0.20899	RP11-47L3	chr17	+	33640521	33651919	540
ENSG0000(	2.345553	3.989022	-0.63557	0.63741	0.72563	KCNJ2-AS1	chr17	-	68163102	68165543	2442
ENSG0000(	4.543757	0	3.7462	0.008214	0.017521	RP11-53B2	chr18	-	13500640	13501288	487
ENSG0000(	5.673259	7.775692	-0.40436	0.61	0.70268	CTD-2623N	chr19	-	9866828	9867539	712
ENSG0000(	0	3.169208	-3.1358	0.041917	0.076354	AC005330.	chr19	+	1321224	1322863	1256
ENSG0000(	1.161205	1.698704	-0.3785	0.79837	0.85717	CTD-2231E	chr19	-	16214571	16215064	367
ENSG0000(	11.59656	54.90416	-2.1934	5.08E-07	1.86E-06	LINC00669	chr18	-	36786888	37380282	2306
ENSG0000(	4.399013	0.654722	2.3272	0.06123	0.10624	CTB-186G2	chr19	-	39174513	39184246	242
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	ATP5LP6	chr17	-	74198725	74198877	153
ENSG0000(	11.76526	12.11027	-0.04208	0.94295	0.96305	CTD-2086C	chr19	+	37978901	37979554	654
ENSG0000(	17.8016	256.5622	-3.8201	4.84E-34	7.17E-33	CTC-260E6.	chr19	-	20236186	20432114	1268
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	CTB-50L17.	chr19	-	4528439	4540079	1803
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CTD-2240E	chr19	-	10199708	10201053	1346
ENSG0000(	0.975385	0.594029	0.4404	0.79523	NA	AF038458.	chr19	+	36451414	36454965	600
ENSG0000(	7.59314	5.390712	0.47464	0.55765	0.65661	RP11-635N	chr18	+	61034561	61048862	785
ENSG0000(	0.870904	0	1.046	0.5544	NA	RP11-691H	chr18	-	13362202	13366242	480
ENSG0000(	10.69656	9.545626	0.15019	0.8056	0.86251	CTB-175E5.	chr17	+	42276250	42293933	528
ENSG0000(	4.834058	3.708992	0.37648	0.67122	0.75379	AC074212.	chr19	+	46271054	46275762	822
ENSG0000(	9.596151	0.686276	3.3971	0.002136	0.005032	RP11-873E	chr18	+	33296334	33297942	1609
ENSG0000(	8.641304	0	4.7215	0.00023	0.000624	RP11-456C	chr18	-	53728340	53730309	552
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-619L	chr18	+	53159406	53163623	445
ENSG0000(	0.342542	1.188058	-0.99414	0.57407	NA	RP11-49I1:	chr18	+	33853537	33854562	1026
ENSG0000(	3.890376	10.09998	-1.2948	0.087498	0.14429	CTC-296K1	chr17	-	42872115	42875151	587
ENSG0000(	0	3.838499	-3.4584	0.01936	0.038332	CTD-2189E	chr19	-	14378619	14380189	164
ENSG0000(	0.632843	0.297015	0.49183	0.78024	NA	CTB-50L17.	chr19	+	4621206	4622319	486
ENSG0000(	0.995923	0.715414	0.36543	0.82075	NA	RP11-973H	chr18	+	12658709	12725739	1011
ENSG0000(	0	1.058552	-1.361	0.4451	NA	CTC-265F1!	chr19	-	2610153	2611860	1708
ENSG0000(	0.342542	18.69957	-5.0263	9.23E-06	2.97E-05	RP11-636C	chr18	-	37421138	37504804	1115
ENSG0000(	22.3667	10.11622	1.0883	0.067344	0.11526	RP11-456K	chr18	-	42256892	42259682	2065
ENSG0000(	3.880024	2.947455	0.32986	0.75991	0.82564	CTD-2319I:	chr17	+	58156670	58166056	699
ENSG0000(	0.580602	0	0.8036	0.6494	NA	CTC-239J1(	chr19	-	13124476	13125325	523
ENSG0000(	7.821827	6.330295	0.30184	0.66506	0.74828	CTC-559E9.	chr19	+	19887411	19945736	803
ENSG0000(	1.317927	0.357707	1.2439	0.46333	NA	AC005498.	chr19	-	57047525	57049944	784
ENSG0000(	1.939605	3.305162	-0.68091	0.52798	0.62959	CTD-2554C	chr19	+	38270326	38283505	1094
ENSG0000(	0	13.16808	-5.307	2.07E-05	6.41E-05	CTD-2265C	chr19	+	12936525	12943797	739
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-552F	chr17	-	73894726	73926210	4270
ENSG0000(	1308.94	963.1987	0.44214	8.40E-05	0.000242	CTC-503J8.	chr19	-	6210390	6212492	2103
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-289E	chr18	+	52234228	52234534	307
ENSG0000(	0.36308	2.382564	-1.9373	0.2299	0.32324	AC006116.	chr19	-	56858450	56859552	1103
ENSG0000(	2.80195	2.66501	0.046979	0.9691	0.98264	RP11-635N	chr18	-	61082550	61083702	1153
ENSG0000(	0	1.652581	-2.1974	0.1871	NA	RP11-559N	chr17	+	76480964	76495428	932

ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CTC-454I21	chr19	-	37619581	37632542	319
ENSG0000(	5.083283	8.311444	-0.65279	0.41691	0.52203	AC002398.	chr19	-	36237958	36244316	1712
ENSG0000(	0.632843	0	0.81931	0.64303	NA	CTC-501O1	chr17	+	41757641	41783252	549
ENSG0000(	7.583767	5.257174	0.50005	0.50448	0.60786	AC005391.	chr19	+	961827	962424	598
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AC010641.	chr19	+	397589	398941	297
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	CTB-39G8.	chr17	-	43448768	43449423	386
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	VN2R11P	chr19	+	279495	280170	676
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC004791.	chr19	-	15962803	15975734	425
ENSG0000(	5.71694	12.40083	-1.0932	0.10291	0.16534	ZNF582-AS	chr19	+	56905025	56910541	1606
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-78A1	chr18	-	11810405	11811483	568
ENSG0000(	0.995923	0	1.4959	0.39264	NA	RP5-837J1.	chr17	-	33400850	33401393	544
ENSG0000(	0	3.158671	-2.7702	0.10135	0.16325	RP11-120M	chr17	+	66553657	66578718	384
ENSG0000(	0	1.606458	-1.9287	0.27074	NA	UBE2V2P2	chr17	-	76062339	76062842	504
ENSG0000(	0.580602	9.260764	-3.3964	0.002663	0.006191	RP11-13K1	chr17	-	75559450	75564777	1767
ENSG0000(	4.637074	20.56263	-2.0787	0.002162	0.005091	CTD-3064H	chr19	+	38039816	38078249	2777
ENSG0000(	0.36308	0.686276	-0.48701	0.78478	NA	LOC44046:	chr17	+	66195062	66195737	676
ENSG0000(	200.8442	14.36741	3.7663	1.21E-36	1.94E-35	AC005789.	chr19	+	38888821	38890521	1701
ENSG0000(	1.681007	3.025133	-0.74943	0.51913	0.62177	CTC-548K1	chr19	+	14569213	14570178	889
ENSG0000(	9.555075	4.816084	0.94752	0.25642	0.35383	CTD-2538C	chr19	-	33177995	33182656	568
ENSG0000(	4.169512	0.654722	2.2601	0.074098	0.12519	RP11-126C	chr18	-	56339845	56419962	398
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-815J.	chr18	-	12091673	12093140	1468
ENSG0000(	0	1.372552	-1.3974	0.43145	NA	CTC-268N1	chr17	+	35391965	35400550	411
ENSG0000(	8.278224	28.15208	-1.73	0.001057	0.002611	RP11-703I:	chr18	-	12031177	12032180	527
ENSG0000(	2.334388	1.966581	0.20436	0.8686	0.90849	CTC-559E9.	chr19	-	19899564	19901340	921
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC131056.	chr17	+	34510615	34523870	1059
ENSG0000(	8.764696	1.949596	2.0005	0.035884	0.066648	CTD-2373H	chr17	+	76899345	76901106	945
ENSG0000(	12.57536	18.79424	-0.57968	0.29908	0.40077	CIRBP-AS1	chr19	-	1268165	1270240	642
ENSG0000(	0	7.221338	-4.466	0.000655	0.001672	FAM215A	chr17	+	41994576	41995326	751
ENSG0000(	0.685084	0	0.85004	0.63064	NA	CTB-32O4.	chr19	+	29704142	29706722	709
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	CTD-3194G	chr17	+	35041203	35041578	376
ENSG0000(	4.688501	20.29791	-2.0014	0.002695	0.006259	CTD-2006C	chr19	+	11759179	11763692	1407
ENSG0000(	2.479132	0.343138	2.0251	0.20437	0.29351	RP11-108P	chr18	-	56422091	56425074	740
ENSG0000(	2.946693	0	3.019	0.052361	0.092591	RP11-53B2	chr18	-	13561398	13565034	665
ENSG0000(	1.233984	0.654722	0.67769	0.66965	NA	RP11-845C	chr18	+	56038798	56039898	1101
ENSG0000(	3.350849	10.23519	-1.5364	0.065687	0.11283	CTC-296K1	chr17	+	42870567	42871842	562
ENSG0000(	0	14.25409	-5.3751	1.97E-05	6.10E-05	RP11-13K1	chr17	+	75543022	75559325	4902
ENSG0000(	1.317927	0	1.6383	0.35541	NA	CTD-2587H	chr19	-	55630618	55631751	488
ENSG0000(	48.32069	53.66031	-0.14709	0.73088	0.80122	ZNF285	chr19	-	44886459	44905774	6013
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CTD-2043I:	chr19	+	28556174	28616337	573
ENSG0000(	7.80129	8.089692	-0.03558	0.95859	0.97496	CTC-325H2	chr19	+	9402191	9405158	405
ENSG0000(	0.653381	0	0.82678	0.64037	NA	RP11-861E	chr18	+	12450446	12451041	596
ENSG0000(	0.580602	0.343138	0.37443	0.8337	NA	RP11-794C	chr17	+	74341842	74342162	321
ENSG0000(	185.5348	14.8085	3.5932	3.35E-29	4.14E-28	CTD-3252C	chr19	-	13945330	13947103	1774
ENSG0000(	42.16194	24.6349	0.76786	0.032739	0.061357	RP11-373L	chr2	+	61153044	61155287	2244
ENSG0000(	0	16.53393	-5.6455	3.18E-06	1.08E-05	RP11-87G2	chr17	-	74953105	74954304	722
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	CTD-2621I:	chr19	+	56578050	56590167	1661
ENSG0000(	8.289389	11.65299	-0.47011	0.52573	0.62766	CTD-2537I9	chr19	-	56173267	56186081	549
ENSG0000(	2.085163	1.309443	0.53279	0.69403	0.77183	RP11-178C	chr17	-	58140365	58142143	1447
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	AC011524.	chr19	+	29374337	29444152	537
ENSG0000(	8.266245	0	4.6141	0.000479	0.001247	RP11-53B2	chr18	-	13471011	13472708	1698
ENSG0000(	0.923144	12.23977	-3.3493	0.000551	0.001422	AC006273.	chr19	+	782796	785080	829
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	MIR497HG	chr17	-	6919137	6922978	3838
ENSG0000(	1.048164	0	1.348	0.44949	NA	RP11-815J.	chr18	-	12067172	12068416	1148
ENSG0000(	181.1622	89.08723	1.0172	8.93E-06	2.88E-05	S1PR2	chr19	-	10334520	10341948	1173
ENSG0000(	0.653381	0	0.82678	0.64037	NA	LINC00868	chr17	+	74846258	74857918	853
ENSG0000(	0.36308	5.369695	-3.2123	0.018092	0.03605	AC005394.	chr19	-	29093286	29139210	185
ENSG0000(	1.503747	0	1.8221	0.30126	NA	RP11-138H	chr15	-	71121469	71123745	2277
ENSG0000(	0.632843	0.997859	-0.46957	0.76172	NA	RP11-380M	chr18	-	45379604	45379828	225
ENSG0000(	8.443506	0.654722	3.2548	0.003384	0.007739	RP11-666A	chr17	+	74546033	74546908	570
ENSG0000(	0.653381	0.343138	0.51863	0.76794	NA	AC007229.	chr19	+	10952515	10952926	412
ENSG0000(	5.519956	4.271467	0.32477	0.73393	0.80353	RP11-666A	chr17	-	74541750	74553765	578
ENSG0000(	2.467967	5.159222	-0.90177	0.44446	0.55	RP11-686D	chr17	-	33730856	33731392	537
ENSG0000(	39.8961	20.24776	0.96491	0.013446	0.027531	RP11-229E	chr17	+	40127182	40129749	2568
ENSG0000(	1.286224	2.012704	-0.51342	0.71126	0.78575	AC006116.	chr19	+	56826072	56852656	1550
ENSG0000(	2.520208	8.269353	-1.5447	0.10905	0.17371	AC008992.	chr19	+	31910835	31912101	549

ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	CTC-379B2	chr19	+	33157204	33164116	573
ENSG0000(	2.354926	1.652581	0.43838	0.70817	0.78306	RP11-173A	chr18	-	59967269	59968231	637
ENSG0000(	0.632843	0	0.81931	0.64303	NA	CTC-421K2	chr17	+	35814273	35815033	443
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	CTC-503J8.	chr19	+	6259168	6259810	523
ENSG0000(	6.08002	36.03217	-2.5277	1.67E-06	5.85E-06	CTC-559E9.	chr19	-	20003242	20006656	403
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CTD-2538C	chr19	-	33209204	33210501	516
ENSG0000(	0.290301	30.59541	-5.6552	5.39E-07	1.97E-06	RP11-87G2	chr17	-	74946399	74965238	623
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-773H	chr18	+	12911185	12912022	838
ENSG0000(	2.665765	2.232041	0.20489	0.85627	0.89903	AC104532.	chr19	-	5911589	5913910	589
ENSG0000(	62.01276	44.03291	0.49477	0.084599	0.1402	CTC-459F4.	chr19	+	28284371	28475892	2401
ENSG0000(	0.290301	0	0.4146	0.81455	NA	CTD-2587H	chr19	+	55670307	55688908	1643
ENSG0000(	1.08924	0	1.1858	0.50299	NA	RP11-126C	chr18	+	56224302	56233909	335
ENSG0000(	13.78799	14.37957	-0.06247	0.90918	0.93757	CTD-3252C	chr19	-	13907388	13907747	360
ENSG0000(	0.72616	0.700845	0.022935	0.98937	NA	RP11-322E	chr18	-	33023833	33047052	697
ENSG0000(	1.338465	0.343138	1.368	0.39684	NA	RP11-21F1	chr18	+	39739247	40271387	3376
ENSG0000(	0.36308	4.943174	-3.1395	0.018704	0.037154	RP11-687F	chr18	-	44432595	44433845	621
ENSG0000(	0.72616	0.357707	0.52227	0.76959	NA	MIR1302-2	chr19	+	71161	72719	712
ENSG0000(	3.693391	1.66715	1.0109	0.37857	0.48266	NDUFA3P1	chr19	+	44801257	44801508	252
ENSG0000(	0.72616	0.343138	0.52026	0.77047	NA	CTC-507E2.	chr17	-	33923923	33924147	225
ENSG0000(	1.338465	2.65044	-0.86808	0.46487	0.5697	RP11-242D	chr17	-	41320187	41320266	80
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RPIAP1	chr18	-	59624506	59625247	742
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC098474.	chr19	-	229640	230165	152
ENSG0000(	0.705622	6.327879	-2.7941	0.018503	0.036811	CTD-3220F	chr19	-	37756841	37762420	813
ENSG0000(	0	2.102535	-2.2822	0.18452	0.26979	AC006116.	chr19	-	56865862	56879422	649
ENSG0000(	3.869838	0	3.4223	0.022651	0.044165	AC007787.	chr19	-	13180610	13182188	1579
ENSG0000(	0.580602	0	0.8036	0.6494	NA	CTC-461H2	chr19	+	33542421	33542607	187
ENSG0000(	0.290301	0.640152	-0.50256	0.77558	NA	CTD-3116E	chr19	+	9841529	9842619	600
ENSG0000(	0	1.545765	-1.8556	0.29195	NA	RP11-378E	chr17	-	35768023	35768681	293
ENSG0000(	45.7652	59.4161	-0.377	0.34403	0.44805	AC004152.	chr19	-	2270133	2270945	813
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC002115.	chr19	-	36099187	36103568	568
ENSG0000(	0	1.935026	-2.4284	0.13734	0.21062	RP11-905K	chr18	-	33531766	33546081	609
ENSG0000(	0	1.949596	-2.4359	0.13595	0.20899	AC138430.	chr19	-	19365557	19384178	5409
ENSG0000(	12.93763	5.393128	1.2251	0.068288	0.11662	RP11-400F	chr17	+	40661802	40663537	1736
ENSG0000(	1.233984	2.263595	-0.68358	0.63171	0.72092	AC008992.	chr19	+	31912903	31918208	446
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-619I	chr17	+	57862174	57862396	223
ENSG0000(	1.08924	1.043983	0.031782	0.98474	0.99115	RP11-546M	chr17	+	42193280	42197963	359
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC092299.	chr19	+	193236	196008	2067
ENSG0000(	0	7.486798	-4.5056	0.000609	0.00156	CTD-2554C	chr19	+	38307999	38317278	1058
ENSG0000(	0.36308	5.597895	-3.3115	0.011797	0.024409	CTC-260E6.	chr19	-	20285822	20287872	534
ENSG0000(	0.943682	0	1.2438	0.48556	NA	RP11-258B	chr18	-	31132087	31158151	2492
ENSG0000(	0.653381	0	0.82678	0.64037	NA	CTC-499B1	chr19	-	11906899	11909413	2515
ENSG0000(	1.338465	1.591889	-0.23409	0.85802	0.90036	RP11-686D	chr17	-	33733967	33734837	871
ENSG0000(	0.36308	0.937167	-0.90039	0.60194	NA	CTD-2587H	chr19	+	55728028	55732984	857
ENSG0000(	1.161205	0	1.2509	0.47995	NA	CTD-2553C	chr19	+	10106673	10107839	1167
ENSG0000(	3.330311	0.700845	1.9236	0.13651	0.20974	RP11-95O2	chr18	-	34814082	34816205	2124
ENSG0000(	0.705622	1.416259	-0.74205	0.63826	0.72626	RP1-193H1	chr17	-	67473280	67497896	584
ENSG0000(	4.584833	11.0881	-1.2013	0.1301	0.20192	CTD-2286M	chr18	+	76877207	76877920	714
ENSG0000(	1.742621	0.98329	0.61068	0.6877	0.76717	RP11-358B	chr17	+	40306618	40307990	425
ENSG0000(	0	2.399549	-2.7165	0.088838	0.14612	RP11-118B	chr17	+	66587937	66760023	2616
ENSG0000(	10.54921	16.08398	-0.59651	0.35354	0.45773	AC007796.	chr19	+	31839787	31908700	560
ENSG0000(	0	1.713273	-2.2094	0.18675	NA	RP11-13K1	chr17	+	75523080	75532674	4440
ENSG0000(	0.72616	0.951736	-0.29027	0.86373	NA	AC004156.	chr19	+	663482	668063	1882
ENSG0000(	1.722083	0.997859	0.63405	0.63972	0.72707	RP11-136H	chr17	-	59208065	59213325	286
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	RP11-697E	chr17	+	36002976	36044255	628
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-824M	chr18	+	57488272	57492493	959
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTB-55O6.4	chr19	-	14141667	14142369	518
ENSG0000(	0.342542	1.294874	-1.342	0.40631	NA	CTD-2293H	chr19	+	37582243	37583466	1224
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	FDX1L	chr19	-	10416103	10426691	1956
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-813F	chr18	-	47266193	47268433	340
ENSG0000(	5.934463	7.146077	-0.26371	0.7262	0.79753	THA1P	chr17	-	76244574	76250497	1145
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-27G2	chr18	+	57027932	57053981	417
ENSG0000(	22.89425	9.817534	1.2108	0.020649	0.040602	ZNF224	chr19	+	44598492	44612479	2994
ENSG0000(	2.49967	1.995719	0.31261	0.7842	0.84548	CTD-3199J.	chr17	+	41296973	41297272	300
ENSG0000(	8.808378	4.455961	0.94849	0.24809	0.34428	CTD-3220F	chr19	+	37828138	37828645	375
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC008991.	chr19	+	29383838	29386856	487

ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC010525.	chr19	-	56217344	56217538	195
ENSG0000(	2.810509	0.343138	2.3098	0.12171	0.19114	RP11-691H	chr18	-	13419420	13427479	2190
ENSG0000(	1.306762	1.903472	-0.44154	0.75824	0.82423	SHC1P2	chr17	-	42306128	42307596	1469
ENSG0000(	0.36308	0.997859	-1.0294	0.53423	NA	TAF9P3	chr19	+	30528192	30528318	127
ENSG0000(	6.524438	2.012704	1.5349	0.15028	0.22748	RP11-691H	chr18	-	13461019	13470822	498
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	CTB-151G2	chr19	-	28129391	28137391	457
ENSG0000(	1.939605	5.13982	-1.2515	0.23	0.32334	AC002116.	chr19	+	36505410	36536874	643
ENSG0000(	0.290301	0.357707	-0.00203	0.99908	NA	RP11-28F1	chr18	-	60981035	60981315	281
ENSG0000(	20.10249	0.98329	4.0074	1.53E-05	4.82E-05	RP11-53B2	chr18	+	13486461	13490675	4215
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTD-2013N	chr19	+	16551757	16554395	401
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	RP11-95O2	chr18	+	34823739	34827179	411
ENSG0000(	2.293312	1.416259	0.5744	0.69021	0.7691	RP11-147L	chr17	-	66148917	66155184	579
ENSG0000(	0.290301	1.188058	-1.0232	0.56351	NA	AC024592.	chr19	+	5847478	5858250	1188
ENSG0000(	20.71659	19.71684	0.067615	0.88055	0.91672	AC006116.	chr19	+	56784138	56821819	632
ENSG0000(	0	2.514486	-2.5628	0.12928	0.20079	RP11-686D	chr17	-	33727897	33730025	394
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	RP11-10I6.	chr18	+	48195880	48196585	398
ENSG0000(	0	3.67099	-3.2464	0.038558	0.071052	CTD-2540B	chr19	+	33708723	33712076	700
ENSG0000(	3.257533	6.603876	-0.95739	0.29647	0.39856	CTB-25B13	chr19	+	1484535	1485273	412
ENSG0000(	2.085163	0.715414	1.1949	0.42947	0.53486	SRSF10P1	chr18	-	48684652	48685753	764
ENSG0000(	0	15.81852	-5.5824	4.49E-06	1.50E-05	CTD-2189E	chr19	-	14365001	14404017	627
ENSG0000(	4.315069	2.08555	0.93582	0.42681	0.53222	RP11-49K2	chr18	+	44632317	44634433	2117
ENSG0000(	0.36308	5.427098	-3.131	0.026204	0.050329	AC010761.	chr17	+	27054276	27054757	197
ENSG0000(	2.261609	5.597895	-1.1974	0.20446	0.29359	CTD-2537I9	chr19	-	56088136	56088780	645
ENSG0000(	1.555988	1.073121	0.41435	0.79637	0.85544	RP11-147L	chr17	+	66186025	66188943	2919
ENSG0000(	0	8.652166	-4.729	0.000222	0.000605	RP11-64C1	chr18	+	12201981	12223538	1050
ENSG0000(	1.608228	4.349145	-1.2615	0.25426	0.35133	RP4-604K5	chr1	-	87397882	87400574	746
ENSG0000(	2.894453	1.66715	0.69716	0.57171	0.66881	AC061992.	chr17	+	76311810	76343879	799
ENSG0000(	1.597063	1.920457	-0.21603	0.87747	0.91468	UBE2L4	chr19	+	9885173	9885636	464
ENSG0000(	0.290301	4.960159	-3.157	0.019466	0.038513	FAM60CP	chr18	-	57684010	57684673	664
ENSG0000(	0.632843	0.700845	-0.06767	0.96753	NA	RP11-718I1	chr18	-	55857066	55862928	548
ENSG0000(	1.286224	2.589748	-0.87367	0.4652	0.57	RP11-686D	chr17	-	33733703	33736787	1212
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-379L	chr18	+	31802929	31804725	507
ENSG0000(	1.359003	1.40169	-0.02683	0.9847	0.99115	RP11-392C	chr17	+	41622153	41687706	561
ENSG0000(	0	1.652581	-2.1974	0.1871	NA	CTC-265F1	chr19	-	2641836	2643851	2016
ENSG0000(	7.91433	38.42615	-2.2074	1.06E-05	3.38E-05	AC003102.	chr17	-	42376942	42392683	5203
ENSG0000(	13.88212	21.33545	-0.62317	0.21868	0.31028	AC009005.	chr19	-	567212	572215	719
ENSG0000(	8.40243	13.06684	-0.60299	0.3383	0.44207	CTC-439O9	chr19	-	31827904	31829830	1927
ENSG0000(	12.6884	14.80038	-0.22666	0.66624	0.74916	RP11-411B	chr18	-	14074911	14075740	830
ENSG0000(	0.632843	1.531196	-0.9423	0.54724	0.64731	RP11-358B	chr17	+	40420605	40421825	496
ENSG0000(	6.733401	9.265597	-0.45117	0.53131	0.63264	CTB-25B13	chr19	+	1413900	1414734	230
ENSG0000(	0	1.935026	-2.4284	0.13734	0.21062	CTC-565M2	chr19	-	31156181	31159554	554
ENSG0000(	0.653381	0.297015	0.51304	0.77085	NA	CTD-2130C	chr18	+	44812096	45120914	704
ENSG0000(	0.580602	0.937167	-0.42674	0.8018	NA	RP11-426J	chr18	-	46199946	46214790	465
ENSG0000(	4.242291	0.640152	2.2899	0.069207	0.11796	RP11-484L	chr18	-	46352422	46361141	877
ENSG0000(	4.221753	3.792375	0.12878	0.89432	0.92676	CTD-3193K	chr17	-	40835205	40851484	719
ENSG0000(	0	12.49953	-5.2523	2.09E-05	6.47E-05	CTC-523E2	chr19	-	35282724	35323773	2077
ENSG0000(	10.00031	9.441226	0.068984	0.92125	0.94706	CTB-50L17	chr19	+	4454011	4455283	510
ENSG0000(	0	6.342448	-4.1729	0.002773	0.006426	CTC-260E6	chr19	-	20317653	20317763	111
ENSG0000(	0.923144	3.039702	-1.412	0.26625	0.36497	AC006116.	chr19	-	56888073	56888653	581
ENSG0000(	1.971308	3.420099	-0.7209	0.52931	0.63075	AC004221.	chr19	+	1238178	1239521	844
ENSG0000(	1.359003	2.370411	-0.68834	0.59027	0.68533	AC006116.	chr19	+	56897595	56898059	465
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	CTB-55O6.	chr19	+	14229918	14230349	315
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-171I	chr2	+	1.8E+08	1.8E+08	3590
ENSG0000(	5.052394	3.290593	0.56506	0.52332	0.62577	AF038458.	chr19	+	36438017	36450094	500
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-35G9	chr18	+	55306687	55405276	1976
ENSG0000(	0.36308	0	0.4146	0.81455	NA	CTD-2534I	chr17	+	43059882	43060140	259
ENSG0000(	3.22583	3.694423	-0.16344	0.864	0.90524	RP11-576C	chrY	+	21760074	21760643	570
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-127I	chr16	+	4838398	4846492	862
ENSG0000(	7.758422	4.305438	0.80699	0.33059	0.43373	LIN37	chr19	+	36239262	36245420	1635
ENSG0000(	0	5.813943	-4.0268	0.004534	0.010165	NRBF2P1	chr18	+	33421723	33422581	859
ENSG0000(	1.379541	1.043983	0.30494	0.84294	0.88985	RP11-333J	chr17	+	35355897	35357333	710
ENSG0000(	0	1.874334	-2.1429	0.21634	NA	CTC-478M6	chr19	-	29281719	29283778	1400
ENSG0000(	1.233984	0.686276	0.5937	0.72183	0.79426	RP11-49K2	chr18	+	44663389	44663661	273
ENSG0000(	0.36308	0.937167	-0.90039	0.60194	NA	RP11-552F	chr17	+	73872453	73875627	3175
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-665N	chr11	-	64658158	64658547	390

ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	AC018755.	chr19	+	52102542	52103723	1182
ENSG0000(	49.15313	59.80846	-0.28022	0.31959	0.42251	NDUFV2P1	chr19	-	53727226	53728132	907
ENSG0000(	0.342542	0	0.4146	0.81455	NA	FKSG68	chr21	-	37270353	37270727	375
ENSG0000(	0.870904	1.638012	-0.65561	0.66184	0.74558	RP11-167N	chr9	-	1.32E+08	1.32E+08	497
ENSG0000(	3.765356	0.937167	1.6853	0.18201	0.26681	AC008746.	chr19	-	54949847	54950362	516
ENSG0000(	0.36308	0	0.4146	0.81455	NA	DKFZP434A	chr9	-	1.39E+08	1.39E+08	552
ENSG0000(	4.948726	7.566892	-0.58937	0.5366	0.63757	AL118506.	chr20	+	62585007	62585495	489
ENSG0000(	0.685084	0.715414	-0.02805	0.98738	NA	AL133262.	chr6	-	44400472	44400720	249
ENSG0000(	1.306762	0.951736	0.33398	0.82688	0.87805	CTB-133G6	chr19	-	7455408	7459925	363
ENSG0000(	7.844157	11.09381	-0.47582	0.53948	0.64005	NDUFA7	chr19	-	8373490	8386280	601
ENSG0000(	2.003011	3.037286	-0.48713	0.72558	0.79699	PRED58	chr21	-	46520728	46534873	735
ENSG0000(	30.4944	14.98729	0.9999	0.062793	0.10853	AC016629.	chr19	+	59070496	59086164	2567
ENSG0000(	0.705622	5.066975	-2.4784	0.043956	0.079506	RP11-120K	chr13	-	1.14E+08	1.14E+08	1297
ENSG0000(	3.350849	5.309002	-0.63844	0.50769	0.61121	CTC-444N2	chr19	-	57778588	57791702	712
ENSG0000(	0.632843	0	0.81931	0.64303	NA	CTD-2527I	chr19	+	35527238	35527964	405
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	CTB-147C2	chr19	+	51471466	51515385	536
ENSG0000(	5.871057	12.25347	-0.99864	0.19561	0.28353	AL031666.	chr20	+	45947246	45949467	2222
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	PRED60	chr21	-	47183565	47190005	354
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	FKSG48	chr1	+	33439268	33439642	375
ENSG0000(	51.84717	125.884	-1.2667	1.83E-05	5.70E-05	CTD-2291D	chr19	+	23258003	23283163	581
ENSG0000(	0.342542	0.654722	-0.52406	0.76557	NA	AC079354.	chr2	+	2.03E+08	2.03E+08	144
ENSG0000(	0	5.271743	-3.9817	0.003898	0.008819	CTD-2126E	chr19	+	50578380	50579159	575
ENSG0000(	0.632843	1.638012	-1.0613	0.46491	0.5697	CTD-2540F	chr19	+	39228924	39230503	1580
ENSG0000(	1.524285	0.951736	0.52168	0.73226	0.80216	AC007461.	chr17	+	70036164	70036872	709
ENSG0000(	3.185568	3.414394	-0.09797	0.93557	0.95758	AC018766.	chr19	-	50363139	50363771	548
ENSG0000(	0.943682	2.48938	-1.0522	0.47982	0.58402	CTD-2639E	chr19	+	49467232	49468415	819
ENSG0000(	93.59721	79.33993	0.23723	0.32891	0.43204	CTC-429P9	chr19	-	16750778	16751479	546
ENSG0000(	0	3.455685	-2.9508	0.075529	0.12719	CTD-2616J	chr19	+	51843949	51847371	437
ENSG0000(	2.366091	2.012704	0.1909	0.88681	0.92093	ZSCAN5D	chr19	+	56751773	56758863	1491
ENSG0000(	0.685084	29.23574	-4.9635	4.02E-07	1.49E-06	CCDC177	chr14	-	70038216	70040339	2124
ENSG0000(	5.166249	4.865496	0.05897	0.95115	0.96949	AP001055.	chr21	-	45587818	45593580	621
ENSG0000(	1.338465	2.232041	-0.65585	0.59792	0.692	RP11-256I	chr2	+	2.21E+08	2.21E+08	542
ENSG0000(	1.016461	4.663145	-1.9342	0.10143	0.16335	SNX6P1	chr19	-	23309371	23310594	1224
ENSG0000(	2.624689	0	2.9014	0.06135	0.10638	AC007193.	chr19	+	46604380	46699475	332
ENSG0000(	0.36308	8.576905	-3.9247	0.001489	0.003598	RP11-255H	chr19	-	24000401	24057503	2291
ENSG0000(	1.971308	0.98329	0.81782	0.55072	0.65045	CTD-2525I3	chr19	+	52674411	52680255	578
ENSG0000(	9.20316	9.497086	-0.04581	0.94784	0.96705	CTB-176F2(	chr19	+	23506770	23511903	5134
ENSG0000(	1.08924	1.248751	-0.16943	0.91784	0.94451	AP001421.	chr21	+	38888740	38888973	234
ENSG0000(	3.111975	0.686276	1.6683	0.2724	0.37189	AC007292.	chr19	-	4347777	4349058	334
ENSG0000(	7.375617	15.84437	-1.0837	0.068301	0.11663	CTD-2325M	chr19	+	8073613	8080909	421
ENSG0000(	8.257686	9.27775	-0.16353	0.79408	0.8538	RP11-290F	chr11	-	6223131	6224483	1353
ENSG0000(	2.407167	4.417959	-0.82949	0.42755	0.53291	AC008267.	chr7	+	65939543	65940709	1167
ENSG0000(	22.20159	5.003866	2.0913	0.000744	0.001883	AC090673.	chr12	-	66291518	66317967	204
ENSG0000(	52.51156	33.84068	0.62423	0.053883	0.094932	RP11-178G	chr10	-	75880013	75880621	609
ENSG0000(	5.031856	15.75374	-1.5787	0.032535	0.061011	MIR3188	chr19	+	18392659	18393560	902
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AP000695.	chr21	+	37858165	37860058	1894
ENSG0000(	0.72616	1.029414	-0.30375	0.86291	NA	AC092964.	chr3	-	1.72E+08	1.72E+08	249
ENSG0000(	3.95199	7.527217	-0.8609	0.32197	0.42489	AC007292.	chr19	+	4363786	4364637	746
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	AP003041.	chr11	+	1.3E+08	1.3E+08	348
ENSG0000(	5.383771	6.162786	-0.203	0.80155	0.85957	AC005488.	chr7	+	72459478	72464996	78
ENSG0000(	1.411244	0	1.7307	0.32696	NA	AC130469.	chr19	+	8646044	8647599	388
ENSG0000(	0.36308	0.654722	-0.52647	0.7643	NA	CTB-189B5	chr19	+	39521076	39521963	797
ENSG0000(	0.290301	0	0.4146	0.81455	NA	hsa-mir-15(	chr19	+	50003781	50004614	834
ENSG0000(	21.09939	5.830929	1.7837	0.018962	0.037626	CTC-241F2(	chr19	+	48758932	48761456	1969
ENSG0000(	148.1982	140.1293	0.078361	0.70726	0.78242	PTOV1-AS1	chr19	-	50341896	50354933	3181
ENSG0000(	0.632843	0.715414	-0.08242	0.96193	NA	AC016559.	chr5	-	78523714	78523911	198
ENSG0000(	4.491516	9.017994	-0.9521	0.21315	0.30377	CTD-2525I3	chr19	-	52725478	52734547	595
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	AC006129.	chr19	+	42051554	42061832	661
ENSG0000(	24.20183	29.69872	-0.30024	0.45453	0.5599	AC005253.	chr19	-	18668585	18672370	2001
ENSG0000(	3.019472	18.79344	-2.5182	0.001001	0.002483	CTB-52I2.4	chr19	+	18133212	18142839	1402
ENSG0000(	4.792982	9.430689	-0.90444	0.25659	0.35402	AC005795.	chr19	+	42012068	42012814	747
ENSG0000(	3.95199	7.336275	-0.85035	0.32117	0.424	PRED62	chr21	-	47347679	47352477	351
ENSG0000(	4.897464	5.568757	-0.17231	0.8473	0.8929	CTD-2575K	chr19	-	42412671	42414249	675
ENSG0000(	5.882222	14.19179	-1.2265	0.048625	0.086845	AC018766.	chr19	-	50356144	50358224	484
ENSG0000(	17.91724	8.158505	1.0954	0.051082	0.090631	CTD-2619J	chr19	+	58869365	58870969	1154

ENSG0000(	0.290301	1.759397	-1.5998	0.33475	0.4383	CTC-244M1	chr19	+	38454493	38455430	607
ENSG0000(	0.290301	0	0.4146	0.81455	NA	CTC-344H1	chr19	-	46614337	46617121	1916
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	AC067969.	chr19	-	39026157	39027768	552
ENSG0000(	4.024768	0.297015	2.8377	0.043441	0.078784	CTD-3032J	chr19	-	17263398	17278861	467
ENSG0000(	1.338465	0.98329	0.34221	0.81313	0.8687	CTD-2017D	chr19	-	24281227	24281782	556
ENSG0000(	5.125173	2.217472	1.0571	0.3207	0.42351	NAPA-AS1	chr19	+	47987539	48004854	1753
ENSG0000(	0.36308	3.91376	-2.7502	0.054214	0.095421	FMR1-AS1	chrX	-	1.47E+08	1.47E+08	2387
ENSG0000(	2.104887	0.654722	1.2825	0.40219	0.50697	AC004466.	chr12	+	48178706	48179787	1082
ENSG0000(	1.338465	5.31545	-1.7999	0.090345	0.14825	AC006539.	chr19	+	20144253	20145141	572
ENSG0000(	1.939605	0.997859	0.81425	0.53422	0.63511	AC087239.	chr12	+	25381515	25390840	111
ENSG0000(	0.923144	2.382564	-1.0413	0.47531	0.57989	AC051642.	chr8	-	23412287	23420651	45
ENSG0000(	62.81945	59.7056	0.079904	0.80424	0.86162	CTC-429P9	chr19	+	16721222	16747342	376
ENSG0000(	5.726313	4.507789	0.30264	0.73786	0.80668	AC022154.	chr19	-	49122529	49127389	766
ENSG0000(	1.016461	5.196481	-2.0804	0.076402	0.12844	CTC-429C1	chr19	+	52391278	52403716	579
ENSG0000(	2.67693	7.365413	-1.3812	0.1226	0.19232	AP000688.	chr21	+	37402368	37417818	114
ENSG0000(	0.705622	7.01657	-2.9614	0.009619	0.020278	RP11-369G	chr19	+	23308467	23311345	896
ENSG0000(	2.531373	1.66715	0.50827	0.70969	0.78441	CTB-60B18	chr19	+	49563870	49564389	520
ENSG0000(	0	3.870053	-3.485	0.017579	0.035131	AL031663.	chr20	-	44095910	44107452	60
ENSG0000(	0.290301	2.65044	-2.2884	0.11968	0.18842	VN1R84P	chr19	-	21902603	21902837	235
ENSG0000(	6.567306	401.2905	-5.8639	1.33E-55	3.49E-54	CTD-2561J	chr19	-	21627043	21646710	4690
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC091948.	chr5	+	1.48E+08	1.48E+08	123
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	AL137002.	chr13	-	1.14E+08	1.14E+08	60
ENSG0000(	0	1.713273	-2.2094	0.18675	NA	PCGF7P	chr19	+	22320733	22321783	1051
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	AL606500.	chr1	+	1.55E+08	1.55E+08	21
ENSG0000(	0	2.07098	-2.4602	0.13507	0.20805	CTD-2616J	chr19	-	51900009	51906780	845
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	FKSG61	chr14	+	77882741	77883115	375
ENSG0000(	7.987923	5.035421	0.6394	0.38698	0.49117	AC010524.	chr19	+	49859409	49861026	494
ENSG0000(	0.653381	2.915901	-1.6974	0.24107	0.33603	HBCBP	chr12	+	57390745	57391335	591
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC004076.	chr19	-	57949338	57988904	664
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTD-2337J	chr19	-	54753289	54753907	619
ENSG0000(	7.003165	8.40698	-0.26414	0.726	0.79734	CTC-471F3	chr19	+	40526292	40526948	657
ENSG0000(	1.233984	0.654722	0.67769	0.66965	NA	AC068620.	chr4	+	57276682	57277131	450
ENSG0000(	17.05409	19.90778	-0.20354	0.70497	0.78064	AL590452.	chr1	+	1.45E+08	1.45E+08	2057
ENSG0000(	0.632843	5.101818	-2.5122	0.049562	0.088312	CTC-513N1	chr19	+	20599320	20599875	556
ENSG0000(	57.48971	47.1811	0.28557	0.37407	0.47837	AC117395.	chr3	+	1.5E+08	1.5E+08	1470
ENSG0000(	15.70608	1.309443	3.327	0.000168	0.000466	AL645608.	chr1	-	861264	866445	336
ENSG0000(	4.91621	1.66715	1.3725	0.24051	0.33538	SMIM17	chr19	+	57154513	57167134	1076
ENSG0000(	0	2.436809	-2.4534	0.15276	0.23056	CTC-241F2	chr19	-	48766157	48774540	437
ENSG0000(	10.28124	9.392687	0.11317	0.85561	0.89842	AC005785.	chr19	+	15489887	15492004	1771
ENSG0000(	2.157942	5.393128	-1.2107	0.27683	0.37707	CTD-3137H	chr19	+	18551920	18555242	1743
ENSG0000(	10.04317	19.35759	-0.927	0.14856	0.22519	CTD-3138B	chr19	+	58778001	58779051	550
ENSG0000(	0	1.759397	-2.0294	0.24451	NA	CTD-3214H	chr19	-	7698652	7701876	843
ENSG0000(	179.7045	253.7625	-0.50062	0.021408	0.041962	CTC-444N2	chr19	+	57815673	57819930	4258
ENSG0000(	4.015395	1.012429	1.7263	0.15465	0.233	AC008372.	chr14	-	78227711	78228033	33
ENSG0000(	10.56119	3.884622	1.3473	0.082877	0.1377	AL359091.	chr9	+	1.31E+08	1.31E+08	1846
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC008387.	chr5	+	72894203	72896845	45
ENSG0000(	40.01158	35.33703	0.17494	0.59353	0.68821	AC137932.	chr16	+	89334512	89339452	3660
ENSG0000(	50.64571	38.85012	0.38554	0.22932	0.32256	RP11-379K	chr3	+	1.7E+08	1.7E+08	1781
ENSG0000(	0.36308	0.594029	-0.39069	0.82661	NA	EEF1A1P7	chr19	+	35873074	35874954	1394
ENSG0000(	3.76617	42.7859	-3.3869	1.78E-06	6.24E-06	CTD-2331H	chr19	-	53365060	53366119	1060
ENSG0000(	29.00337	8.654582	1.7173	0.000593	0.001521	CTD-2619J	chr19	-	58858220	58874117	3322
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTD-2560K	chr19	-	51058627	51061226	813
ENSG0000(	0	1.280305	-1.6305	0.35731	NA	AIRN	chr6	-	1.6E+08	1.6E+08	4374
ENSG0000(	0.342542	2.794516	-2.1503	0.17675	0.26028	CTC-246B1	chr19	-	39805291	39811498	877
ENSG0000(	2.032922	1.935026	0.040002	0.97515	0.98621	AP000304.	chr21	-	34947431	34947645	36
ENSG0000(	0.290301	0.594029	-0.38058	0.83094	NA	AC003005.	chr19	+	57989017	57994364	539
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	VN1R78P	chr19	-	20765890	20766453	564
ENSG0000(	0	2.058828	-1.8947	0.28782	0.38931	RP11-420K	chr19	+	21820776	21839102	1367
ENSG0000(	9.853936	6.188636	0.64672	0.46196	0.56703	RP11-434D	chr3	+	14178644	14189548	787
ENSG0000(	0.923144	0.357707	0.88371	0.60898	NA	CTB-60B18	chr19	+	49567516	49568113	598
ENSG0000(	0.653381	0.297015	0.51304	0.77085	NA	CTD-2528A	chr19	+	17162804	17165897	280
ENSG0000(	0.632843	0	0.81931	0.64303	NA	CTD-2623H	chr19	+	58648080	58648421	342
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-248B	chr14	-	92069517	92069777	261
ENSG0000(	0	6.532646	-4.1567	0.003563	0.008118	CLEC4GP1	chr19	+	7852435	7855507	870
ENSG0000(	0.36308	0.640152	-0.51156	0.77091	NA	CTB-52I2.5	chr19	-	18122108	18142348	367

ENSG0000(	0.580602	0	0.8036	0.6494	NA	AC018630.	chr12	+	11187087	11187275	189
ENSG0000(	1.576526	3.495361	-1.0002	0.38915	0.49337	CTD-2619J	chr19	+	58911588	58912046	459
ENSG0000(	0	2.200487	-2.3588	0.16874	0.25044	AC006272.	chr19	-	52343024	52344198	552
ENSG0000(	0	1.188058	-1.268	0.47398	NA	CTD-3187F	chr19	+	51774520	51784488	915
ENSG0000(	1.555988	0.891044	0.55677	0.72941	0.80008	CTD-3030D	chr19	+	21500963	21501521	559
ENSG0000(	0	6.505924	-4.2937	0.001377	0.003343	LUZPP1	chr3	+	46598888	46601178	2291
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTD-2542C	chr19	+	21155068	21166016	575
ENSG0000(	1.742621	1.043983	0.56463	0.70998	0.78467	C15ORF31	chr15	+	59439899	59440054	156
ENSG0000(	0.923144	0.937167	-0.01228	0.99379	NA	AC019206.	chr2	-	70129482	70129841	192
ENSG0000(	5.114986	10.2505	-0.91352	0.32407	0.42698	RP4-806M2	chr20	-	57408864	57411584	1153
ENSG0000(	2.003011	0.997859	0.80224	0.5742	0.6713	RP3-477O4	chr20	+	34106682	34107108	427
ENSG0000(	0	14.77453	-5.4618	1.04E-05	3.34E-05	AP001888.	chr11	-	69587254	69587718	465
ENSG0000(	10.89354	17.90319	-0.70059	0.19091	0.27771	VN1R81P	chr19	+	21306620	21306991	372
ENSG0000(	0	42.94442	-6.984	6.91E-10	3.23E-09	FLJ11235	chr5	+	1.12E+08	1.12E+08	1031
ENSG0000(	44.23512	62.28636	-0.48511	0.2095	0.29949	CTD-2017D	chr19	+	24216247	24249711	1966
ENSG0000(	25.55227	7.12097	1.8053	0.001555	0.003743	RP11-373A	chr9	-	72808913	72873782	1818
ENSG0000(	6.390859	4.721421	0.41399	0.61122	0.70359	CTC-492K1	chr19	+	40949343	40949994	558
ENSG0000(	0.923144	0.997859	-0.05562	0.97039	0.98357	AC126614.	chr12	+	57810198	57810536	339
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	CTD-2568A	chr19	-	51295942	51296841	260
ENSG0000(	0	2.436809	-2.4534	0.15276	0.23056	CTC-360J1:	chr19	+	57686601	57689289	2072
ENSG0000(	0	1.029414	-1.1526	0.51496	NA	FENDRR	chr16	-	86508135	86542705	3095
ENSG0000(	4.273994	2.681995	0.62739	0.51302	0.61611	AC003682.	chr19	+	58136400	58138318	462
ENSG0000(	0.685084	0.357707	0.4822	0.78686	NA	AC012485.	chr2	+	2.39E+08	2.39E+08	75
ENSG0000(	1.649304	3.054271	-0.78002	0.48846	0.59253	CTC-344H1	chr19	+	46530912	46533419	544
ENSG0000(	4.378475	7.282031	-0.70897	0.36427	0.46864	AL031320.	chr6	+	1.44E+08	1.44E+08	48
ENSG0000(	2.624689	5.464357	-0.95078	0.38709	0.49127	AC132192.	chr11	-	9481747	9482010	264
ENSG0000(	2.604151	2.635871	-0.01171	0.9913	0.99536	AL138781.	chr9	+	1.39E+08	1.39E+08	1843
ENSG0000(	1.681007	5.347004	-1.5279	0.13371	0.20646	AC013449.	chr2	-	26251074	26251481	408
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC003043.	chr17	+	42335297	42355825	57
ENSG0000(	0.72616	0.640152	0.083249	0.96152	NA	AL355531.	chr10	-	1.31E+08	1.31E+08	642
ENSG0000(	0.342542	1.355566	-1.3789	0.3926	NA	AC011551.	chr19	-	47050313	47104118	495
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-420K	chr19	-	21860352	21861023	672
ENSG0000(	0.870904	5.836634	-2.2784	0.064923	0.11173	CTD-2607J	chr19	+	22009315	22010081	412
ENSG0000(	3.133327	1.98115	0.56356	0.62146	0.71198	HAVCR1P1	chr19	-	24345172	24346227	1056
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	AL160175.	chr20	+	30309001	30309134	51
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	CTC-471J1.	chr19	+	52645879	52647409	332
ENSG0000(	2.645227	0.997859	1.2099	0.32762	0.43063	AC006262.	chr19	+	46706683	46718094	3346
ENSG0000(	0.290301	2.431104	-2.0027	0.21582	0.30684	AC007204.	chr19	-	20047769	20048639	237
ENSG0000(	4.948726	4.36613	0.14846	0.88401	0.91907	AL132989.	chr14	+	58754751	58755865	1115
ENSG0000(	0	1.326428	-1.6486	0.3523	NA	RP11-15H2	chr19	+	23419110	23419653	544
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC016182.	chr17	+	76494911	76499138	4228
ENSG0000(	67.29368	50.9395	0.39318	0.19369	0.28119	MIR4453	chr4	+	1.53E+08	1.53E+08	3000
ENSG0000(	1.370168	0.654722	0.70321	0.67494	0.75646	AP002884.	chr11	+	1.12E+08	1.12E+08	1130
ENSG0000(	1.286224	0	1.8436	0.2818	NA	AC087477.	chr15	+	96904487	96904900	414
ENSG0000(	1.431782	18.1565	-3.4828	9.75E-05	0.000278	CTD-2587H	chr19	+	54945363	54945845	483
ENSG0000(	2.116866	1.294874	0.55658	0.67909	0.75982	CTB-102L5.	chr19	+	38690476	38691574	432
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	IFNL3P1	chr19	-	39727073	39727933	501
ENSG0000(	56.20495	85.77858	-0.60471	0.05352	0.09438	CTD-3138B	chr19	-	58768639	58790174	2705
ENSG0000(	4.616536	5.240188	-0.17815	0.82654	0.87785	CTD-2545M	chr19	-	50990067	50990895	626
ENSG0000(	2.426891	2.635871	-0.07496	0.94972	0.96863	CTD-2616J	chr19	-	51864966	51868798	473
ENSG0000(	9.493297	20.15464	-1.0538	0.16368	0.24431	VN1R83P	chr19	-	21472356	21472800	445
ENSG0000(	0	3.305162	-3.2461	0.030518	0.057606	CYP2T3P	chr19	+	41640627	41643213	817
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-514D	chr16	+	86320033	86326995	2065
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	AC004076.	chr19	+	57905551	57949825	521
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-420K	chr19	+	21892324	21892993	670
ENSG0000(	0.995923	3.380424	-1.509	0.22373	0.31611	AC005523.	chr19	-	4785132	4791219	418
ENSG0000(	0.290301	1.326428	-1.262	0.45814	NA	AC109583.	chr3	-	46927699	46930171	69
ENSG0000(	2.551911	1.043983	1.1116	0.39983	0.50456	KIAA1658	chr22	-	30814212	30814469	258
ENSG0000(	5.986704	1.995719	1.4601	0.12826	0.19943	CTD-2619J	chr19	+	58929927	58930677	495
ENSG0000(	1.233984	2.811501	-0.9508	0.49677	0.60059	VN1R107P	chr19	+	57971280	57971488	209
ENSG0000(	68.87216	9.202488	2.8628	1.56E-12	8.71E-12	RP11-295P	chr10	+	13724521	13726874	1978
ENSG0000(	0.870904	0.297015	0.71032	0.69005	NA	AC090427.	chr19	+	14834747	14835121	285
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-353N	chr1	+	1.5E+08	1.5E+08	777
ENSG0000(	0	8.112382	-4.6318	0.000353	0.000936	RP11-678G	chr19	-	21753624	21770124	1178
ENSG0000(	0.580602	0	0.8036	0.6494	NA	AC012360.	chr2	+	1.06E+08	1.06E+08	30

ENSG0000(	0.36308	0	0.4146	0.81455	NA	CTD-2332E	chr19	+	20794365	20798195	628
ENSG0000(	1.669842	0.594029	1.0076	0.53526	0.63622	AC003956.	chr19	+	15234971	15236985	356
ENSG0000(	0.580602	1.638012	-1.0739	0.48163	0.58594	AC007228.	chr19	-	57183942	57185269	1328
ENSG0000(	11.12044	44.44727	-1.9687	1.70E-06	5.94E-06	RP11-158H	chr18	-	32860831	32870165	4382
ENSG0000(	76.32496	72.70308	0.067452	0.82903	0.87958	RP1-283E3	chr1	-	1634175	1669127	5079
ENSG0000(	11.3902	6.924324	0.6985	0.26475	0.36321	AL354718.	chr9	-	45441273	45441542	270
ENSG0000(	0.995923	0.715414	0.36543	0.82075	NA	CTC-453G2	chr19	+	48707340	48716411	566
ENSG0000(	6.596403	10.68756	-0.65236	0.36235	0.46653	RP11-464F	chr10	+	75385754	75386548	795
ENSG0000(	37.96668	38.09033	-0.00482	0.99119	0.99535	AL355312.	chr6	+	1.5E+08	1.5E+08	1740
ENSG0000(	2.375464	3.397409	-0.46918	0.66173	0.74549	CTD-2611C	chr19	+	56218707	56219330	462
ENSG0000(	1.628766	1.652581	-0.01266	0.99188	0.99563	VN1R80P	chr19	+	21246730	21247067	338
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC115522.	chr19	-	44298461	44299810	556
ENSG0000(	0.632843	0.654722	-0.02224	0.98935	NA	RP11-316C	chr2	-	2.2E+08	2.2E+08	636
ENSG0000(	1.08924	3.708992	-1.5183	0.24854	0.34479	CTD-2620I	chr19	-	53638190	53638575	386
ENSG0000(	0.975385	0.357707	0.92752	0.59066	NA	RP11-65J3.	chr9	+	1.32E+08	1.32E+08	141
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	AC078899.	chr19	+	20359861	20361104	212
ENSG0000(	0.632843	0	0.81931	0.64303	NA	AC006262.	chr19	-	46692423	46706340	1037
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AL121761.	chr20	-	19738296	19738679	384
ENSG0000(	6.173337	2.728118	1.0844	0.2675	0.36624	AC073657.	chr15	-	42073346	42076229	183
ENSG0000(	0	1.545765	-1.8556	0.29195	NA	DKFZP434E	chr11	+	77184416	77188074	3659
ENSG0000(	12.82198	38.74418	-1.5713	0.000212	0.000578	hsa-mir-29	chr20	-	57392187	57392780	594
ENSG0000(	1.306762	2.185918	-0.63129	0.63764	0.72578	AC068499.	chr19	+	18315540	18331346	911
ENSG0000(	0.632843	2.131673	-1.2793	0.40563	0.51047	CTB-60B18	chr19	-	49521504	49522741	493
ENSG0000(	2.116866	1.188058	0.57887	0.71136	0.78582	AC110084.	chr2	-	27998851	28009186	63
ENSG0000(	0.36308	0.640152	-0.51156	0.77091	NA	AL133373.	chr14	-	92038788	92041383	2596
ENSG0000(	0	16.86895	-5.6922	1.94E-06	6.75E-06	CTD-2561J	chr19	+	21666176	21686040	3760
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTD-2623H	chr19	+	58555960	58558137	2178
ENSG0000(	0.632843	0	0.81931	0.64303	NA	AL596220.	chr1	-	1.86E+08	1.86E+08	135
ENSG0000(	30.031	21.43252	0.48073	0.26692	0.36562	CTD-2622I	chr19	-	4061613	4062747	684
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AL355149.	chr1	+	16865561	16866070	510
ENSG0000(	2.334388	2.728118	-0.19323	0.86338	0.90467	CTC-444N2	chr19	-	57862216	57863380	1045
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTD-2553L	chr19	-	35129027	35131594	413
ENSG0000(	1.359003	4.317591	-1.5017	0.17743	0.26111	AC010524.	chr19	-	49871962	49891338	3263
ENSG0000(	11.77642	3.541484	1.6235	0.037175	0.068758	AC007382.	chr2	-	37068327	37068530	204
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	CTD-2561J	chr19	-	21704145	21704698	554
ENSG0000(	1.379541	1.012429	0.32949	0.83056	0.88058	RP11-247A	chr9	+	1.32E+08	1.32E+08	507
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTD-2616J	chr19	-	51929601	51929922	322
ENSG0000(	26.8975	46.43487	-0.78162	0.044342	0.080098	CTC-444N2	chr19	+	57772722	57774106	1385
ENSG0000(	0.975385	0.997859	-0.01708	0.99089	0.99525	RP11-588H	chr12	-	70840240	70841365	1126
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	CTC-444N2	chr19	-	57828576	57828930	355
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC022819.	chr15	-	99859300	99859828	81
ENSG0000(	0.36308	1.40169	-1.3114	0.43536	NA	CTD-2561J	chr19	-	21564022	21564723	394
ENSG0000(	0.995923	0.297015	1.0163	0.54122	NA	AL139080.	chr13	+	24322243	24323901	96
ENSG0000(	4.201215	6.907338	-0.67069	0.40387	0.50869	CTD-2538G	chr19	+	16954836	16957284	371
ENSG0000(	0.632843	0	0.81931	0.64303	NA	CTD-3105H	chr19	-	12490003	12512088	2593
ENSG0000(	4.253456	1.309443	1.4992	0.1868	0.27269	CTD-2571L	chr19	+	48110781	48236355	344
ENSG0000(	2.656392	0.343138	2.221	0.13966	0.21347	CTD-3030D	chr19	-	21458825	21459134	310
ENSG0000(	0	14.51311	-5.405	1.72E-05	5.37E-05	SCGB1B2P	chr19	-	35067638	35068606	612
ENSG0000(	3.309773	2.278164	0.47571	0.65418	0.73917	AC104534.	chr19	+	39310806	39313863	566
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	EMR4P	chr19	-	6952511	6990857	2732
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC135983.	chr15	+	32774822	32780287	5466
ENSG0000(	3.008307	1.591889	0.78384	0.49291	0.59683	CTC-450M9	chr19	-	38599140	38600173	328
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RPL7P50	chr19	+	6593340	6594066	727
ENSG0000(	0.705622	0.343138	0.57395	0.74355	NA	SMIM7	chr19	-	16688453	16770926	956
ENSG0000(	16.18318	58.58569	-1.8242	2.59E-06	8.90E-06	AC027307.	chr19	+	1440838	1441937	1100
ENSG0000(	1.866827	1.40169	0.38292	0.77738	0.83999	AC112205.	chr5	-	1.63E+08	1.63E+08	99
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	CTD-2587H	chr19	-	54862991	54864894	1904
ENSG0000(	0.290301	0.654722	-0.51764	0.76892	NA	PRED57	chr21	-	46511596	46515493	345
ENSG0000(	6.938945	3.008147	1.1465	0.19641	0.28445	MGC20647	chr22	+	30641984	30642907	723
ENSG0000(	9.230466	7.59603	0.27806	0.71164	0.78602	CTD-3093M	chr19	+	54697731	54698394	664
ENSG0000(	0.36308	2.558194	-2.0563	0.19625	0.2843	AC068039.	chr2	-	1.73E+08	1.73E+08	66
ENSG0000(	3.64115	4.634006	-0.32185	0.74274	0.81095	LA16c-OS1	chr16	-	235747	236293	547
ENSG0000(	0.685084	1.012429	-0.37562	0.82411	NA	AC027228.	chr15	+	78830023	78831288	1266
ENSG0000(	0.653381	3.50993	-1.9307	0.17495	0.25813	CTD-2245F	chr19	+	53665681	53666816	359
ENSG0000(	0	1.545765	-1.8556	0.29195	NA	SIGLEC31P	chr19	-	57100863	57101649	551

ENSG0000(	0.36308	0	0.4146	0.81455	NA	SIGLEC22P	chr19	+	51714336	51715344	714
ENSG0000(	10.47822	4.022992	1.3269	0.077543	0.13005	AC132872.	chr17	+	80214131	80216080	1950
ENSG0000(	2.261609	2.679579	-0.19982	0.87006	0.90953	AP001579.	chr21	-	46492796	46492927	132
ENSG0000(	0	1.531196	-1.8455	0.29475	NA	CTB-167G5	chr19	-	54102882	54106751	1228
ENSG0000(	7.208709	6.004142	0.27025	0.73836	0.80703	AC026310.	chr12	+	25055243	25057615	2373
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC020915.	chr19	+	58735872	58736835	964
ENSG0000(	1.681007	50.182	-4.7109	3.82E-11	1.95E-10	ESPNP	chr1	-	17013834	17046652	2015
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	RP11-138H	chr18	-	32317759	32347627	577
ENSG0000(	0.36308	0	0.4146	0.81455	NA	IGFL1P1	chr19	+	46699495	46700580	360
ENSG0000(	2.282147	0.357707	2.0705	0.1665	0.24767	CTD-2550C	chr19	+	8411401	8412571	594
ENSG0000(	8.278224	24.66243	-1.5433	0.004493	0.010077	AC026740.	chr5	+	667759	668839	744
ENSG0000(	0	1.888903	-2.3653	0.15293	NA	CTD-2616J	chr19	+	51897742	51906904	559
ENSG0000(	8.434133	6.269602	0.41604	0.55345	0.65286	AC006014.	chr7	-	74999908	75005425	78
ENSG0000(	5.466901	0	4.0189	0.003673	0.008348	PLCE1-AS1	chr10	-	96039034	96046828	1683
ENSG0000(	24.77485	5.788094	2.0183	0.000646	0.00165	A1BG-AS1	chr19	+	58859117	58866549	2130
ENSG0000(	1.016461	1.638012	-0.57497	0.68118	0.76164	RP11-256I2	chr2	-	2.2E+08	2.2E+08	448
ENSG0000(	3.019472	26.15965	-3.0209	5.34E-06	1.77E-05	RP11-34P1	chr1	-	135141	135895	755
ENSG0000(	4.648238	5.76782	-0.28548	0.74222	0.81051	CTD-2619J	chr19	-	58939999	58942515	2517
ENSG0000(	22.63468	27.80902	-0.29317	0.58003	0.67643	AC026806.	chr19	+	38822274	38822716	443
ENSG0000(	0.36308	2.073397	-1.7369	0.29246	0.39434	AL161645.	chr10	-	1.35E+08	1.35E+08	60
ENSG0000(	4.387848	1.995719	1.0236	0.32473	0.42764	FLJ00418	chr16	+	70695570	70699739	4170
ENSG0000(	0.342542	1.713273	-1.6507	0.29668	0.39869	RP11-886P	chr19	-	8488239	8492711	511
ENSG0000(	0.632843	5.055695	-2.41	0.080265	0.13394	AC005387.	chr19	+	18642228	18643440	421
ENSG0000(	14.37797	0	5.4813	5.02E-06	1.67E-05	MGC4294	chr20	+	57209828	57210772	945
ENSG0000(	5.1766	11.50979	-1.1009	0.1029	0.16534	CKS1B	chr5	-	61808070	61808309	240
ENSG0000(	2.624689	5.147942	-0.90265	0.34829	0.45259	CTD-2192J	chr19	-	12793507	12798093	635
ENSG0000(	4.140415	12.51007	-1.5383	0.051595	0.091414	AD000684.	chr19	+	35753749	35755707	1016
ENSG0000(	4.294532	13.86805	-1.6204	0.026157	0.050247	AC004017.	chr19	-	58203868	58204128	261
ENSG0000(	0.580602	0.951736	-0.43779	0.79667	NA	MRPS17P1	chr1	-	45454377	45457506	3130
ENSG0000(	1.89853	5.003866	-1.237	0.23985	0.3346	AC114494.	chr1	-	31902192	31902614	423
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	AC020952.	chr19	+	31640362	31640757	396
ENSG0000(	0	3.426547	-3.2456	0.032755	0.06137	ERVV-2	chr19	+	53547991	53554329	2431
ENSG0000(	0.685084	0.357707	0.4822	0.78686	NA	AC061992.	chr17	+	76422409	76422834	426
ENSG0000(	22.31186	73.17473	-1.6935	2.20E-06	7.61E-06	CTD-3099C	chr19	-	53100952	53102140	644
ENSG0000(	0.705622	0	0.8807	0.6196	NA	PIH1	chr16	-	79015647	79015739	93
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTD-2528A	chr19	+	17119999	17124270	405
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	CTC-435M1	chr19	+	41905277	41906270	540
ENSG0000(	0.632843	2.232041	-1.452	0.29987	0.40144	CTB-175P5	chr19	+	23567332	23568095	764
ENSG0000(	9.532745	13.07167	-0.43044	0.57652	0.67327	VN1R82P	chr19	+	21371401	21371756	356
ENSG0000(	15.01	23.04543	-0.58928	0.2492	0.34549	AL807752.	chr9	-	1.4E+08	1.4E+08	315
ENSG0000(	0	2.529055	-2.8037	0.077578	0.13005	ZNF818P	chr19	+	53716241	53716649	409
ENSG0000(	0.342542	0.951736	-0.90924	0.59857	NA	SLC6A21P	chr19	-	49758729	49759359	369
ENSG0000(	0.632843	0.640152	-0.00865	0.99586	NA	CTD-2542C	chr19	+	21143914	21146176	1267
ENSG0000(	3.101624	4.127392	-0.37697	0.72335	0.7954	AC005932.	chr19	+	19051131	19057640	957
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	CTD-3187F	chr19	+	51784116	51786276	974
ENSG0000(	1.048164	0.654722	0.46381	0.77376	NA	AC003006.	chr19	+	58193403	58264943	612
ENSG0000(	7.520361	16.15192	-1.0696	0.097122	0.15759	MTRNR2L1	chr3	-	96335981	96337000	1020
ENSG0000(	0	8.438535	-4.6747	0.000321	0.000857	CTC-523E2	chr19	+	35396219	35399092	1657
ENSG0000(	5.260544	8.051689	-0.58873	0.46461	0.56959	AP001462.	chr11	+	64546426	64546877	452
ENSG0000(	0.870904	3.24447	-1.5067	0.2623	0.36049	CTD-2626G	chr19	-	20967402	20967958	557
ENSG0000(	130.7667	114.0513	0.19674	0.44322	0.54885	CTC-429P9	chr19	-	16744614	16746080	1467
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC009041.	chr16	+	1031252	1031663	39
ENSG0000(	0.580602	1.84278	-1.1359	0.48565	0.58962	Z98049.1	chr6	+	1.67E+08	1.67E+08	2341
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC092291.	chr16	+	14564842	14565054	213
ENSG0000(	0.580602	12.4761	-3.828	0.000323	0.000862	CTD-2245F	chr19	+	53700364	53714268	545
ENSG0000(	7.106833	8.363273	-0.22475	0.77258	0.83628	CTD-2619J	chr19	+	58873951	58877958	790
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC078899.	chr19	+	20378626	20379200	575
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CALR3	chr19	-	16589868	16607003	1292
ENSG0000(	1.161205	0	1.2509	0.47995	NA	AL160286.	chr1	-	1.79E+08	1.79E+08	129
ENSG0000(	5.798278	3.025133	0.88915	0.32882	0.43195	CTD-2528A	chr19	-	17206228	17210117	610
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-256I2	chr2	+	2.2E+08	2.2E+08	544
ENSG0000(	23.0099	26.19685	-0.17794	0.69906	0.77588	CTC-471F3	chr19	-	40529291	40531409	2039
ENSG0000(	0	1.370136	-1.6825	0.34201	NA	CTD-3187F	chr19	-	51656180	51685222	1763
ENSG0000(	0.975385	0	1.2767	0.47406	NA	AC099344.	chr2	+	11603927	11606274	36
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC009977.	chrY	-	21737895	21738068	99

ENSG0000(	0	16.80826	-5.6896	1.93E-06	6.73E-06	CTC-523E2.	chr19	+	35328793	35346208	5302
ENSG0000(	3.330311	11.62231	-1.7295	0.024642	0.047625	AP003733.	chr11	+	61735453	61736755	1303
ENSG0000(	0.72616	0.715414	0.009201	0.99586	NA	CTD-2126E	chr19	-	50546453	50554319	570
ENSG0000(	0.36308	3.541484	-2.656	0.061068	0.10602	AC003682.	chr19	+	58175648	58176407	760
ENSG0000(	2.998934	6.315726	-0.99898	0.28355	0.38481	CTD-2525I	chr19	-	52788033	52801173	447
ENSG0000(	1.286224	2.338857	-0.72903	0.54883	0.64874	AC002472.	chr22	-	21358030	21360736	192
ENSG0000(	1.027626	1.387121	-0.30059	0.85454	0.89775	AL035681.	chr22	-	41685388	41685686	39
ENSG0000(	0.72616	7.56206	-3.0096	0.010777	0.022497	FLJ00388	chr1	-	48226979	48227290	312
ENSG0000(	0	1.058552	-1.361	0.4451	NA	FAM90A28	chr19	-	53802304	53811897	1374
ENSG0000(	0	1.340997	-1.8899	0.26871	NA	AL133318.	chr13	-	41111138	41111323	186
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC007193.	chr19	-	46823454	46843261	472
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	RP11-98F1	chr13	-	1.14E+08	1.14E+08	182
ENSG0000(	75.82471	83.8114	-0.14325	0.62921	0.71886	AC004447.	chr19	+	19101702	19104419	2416
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-420K	chr19	+	21983282	21984068	787
ENSG0000(	0.580602	2.903748	-1.6902	0.2702	0.36934	CTD-3193C	chr19	+	7990886	7991648	317
ENSG0000(	8.309113	7.235907	0.20188	0.77372	0.83722	AC092301.	chr19	+	46333422	46334366	764
ENSG0000(	0.653381	3.100394	-1.8302	0.17511	0.25829	CTD-3193C	chr19	-	7944330	7945005	676
ENSG0000(	6.950924	8.143936	-0.22917	0.7403	0.8089	CTD-3131K	chr19	-	17629139	17631374	460
ENSG0000(	5.414661	7.342723	-0.39791	0.59751	0.69176	AC069547.	chr10	+	52094298	52095876	1579
ENSG0000(	3.081086	1.043983	1.3329	0.30056	0.40208	CTC-218B8	chr19	-	39625522	39627103	365
ENSG0000(	5.144897	5.395544	-0.04793	0.95637	0.97322	AC093157.	chr1	+	1.01E+08	1.01E+08	1893
ENSG0000(	1.068702	0.640152	0.49176	0.76049	NA	RP11-727F	chr11	-	62553498	62554257	760
ENSG0000(	0.632843	0.343138	0.49756	0.77728	NA	L34079.3	chr19	+	44057597	44059646	561
ENSG0000(	4.480351	6.63543	-0.52717	0.57466	0.67168	RP11-573N	chr13	+	98885904	98886954	1051
ENSG0000(	327.8319	167.6997	0.96143	4.24E-08	1.71E-07	FBXO17	chr19	-	39432044	39466550	2383
ENSG0000(	4.035933	6.756815	-0.72313	0.38162	0.48575	AC005387.	chr19	+	18643718	18646998	440
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC006942.	chr19	+	50312190	50312995	520
ENSG0000(	2.572449	1.309443	0.83661	0.50433	0.60777	RP4-614O4	chr20	-	33789550	33791091	1542
ENSG0000(	0.36308	1.248751	-1.1986	0.48045	NA	AC019171.	chr2	-	39186764	39187483	720
ENSG0000(	0	2.575179	-2.8423	0.071415	0.1212	LINC00528	chr22	+	18260088	18262247	2160
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	RP11-15E1	chr9	-	43007105	43008297	1193
ENSG0000(	15.79859	6.863631	1.1608	0.050743	0.090101	RP11-345P	chr1	+	1604714	1605836	502
ENSG0000(	3.974319	8.903057	-1.0952	0.19927	0.28769	CTC-429C1	chr19	+	52452387	52484620	698
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTD-2619J	chr19	+	58677533	58678512	980
ENSG0000(	6.596403	8.951597	-0.39917	0.58499	0.68079	CTD-2231E	chr19	-	16234471	16250702	2987
ENSG0000(	0.72616	1.043983	-0.36115	0.83043	NA	CTC-246B1	chr19	-	39832413	39832585	173
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AC008498.	chr5	-	60411538	60411762	225
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTB-83J4.2	chr19	+	55100906	55101752	847
ENSG0000(	1.016461	0.297015	0.95157	0.5817	NA	AC024257.	chr12	+	48759919	48761738	1820
ENSG0000(	0	2.07098	-2.4602	0.13507	0.20805	CTB-92J24.	chr19	-	24101883	24140732	1585
ENSG0000(	5.197138	2.353426	1.0729	0.25338	0.35033	RP11-869B	chr11	-	64552393	64553092	700
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC010877.	chrY	+	15418467	15429181	267
ENSG0000(	61.25392	24.3015	1.3237	0.000393	0.001035	RP1-265C2	chr6	-	28089573	28105071	2163
ENSG0000(	1.701545	12.88234	-2.7711	0.001067	0.002633	AC110771.	chr4	-	1.87E+08	1.87E+08	714
ENSG0000(	0.685084	1.294874	-0.6954	0.65782	0.74221	CTD-2527I	chr19	-	35489137	35491074	565
ENSG0000(	3.681413	5.819648	-0.58749	0.53582	0.63683	AC010522.	chr19	-	58337829	58338146	318
ENSG0000(	0.943682	2.711133	-1.2465	0.33791	0.44163	AL158147.	chr9	-	4859120	4859260	141
ENSG0000(	9.741709	3.976869	1.2265	0.10126	0.16312	AC007292.	chr19	-	4356634	4358445	1812
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	VN1R93P	chr19	+	23785369	23785908	540
ENSG0000(	0.995923	1.043983	-0.03651	0.9805	0.98924	CTC-453G2	chr19	+	48649165	48650670	359
ENSG0000(	27.17004	20.35457	0.40974	0.32479	0.42767	AL591479.	chr9	+	70646589	70648956	2368
ENSG0000(	0.995923	0.594029	0.48398	0.76518	NA	AC139768.	chr12	+	51619860	51620085	57
ENSG0000(	128.5677	749.3148	-2.5285	1.84E-21	1.66E-20	ZNF587B	chr19	+	58331099	58370018	3339
ENSG0000(	0	11.9112	-5.1929	2.68E-05	8.17E-05	CTD-3099C	chr19	-	53014535	53015595	880
ENSG0000(	12.38873	14.27758	-0.21022	0.73553	0.80488	AC018766.	chr19	-	50360227	50362546	719
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC092071.	chr19	+	41452252	41453355	549
ENSG0000(	0.685084	0.343138	0.48017	0.78775	NA	RP11-120K	chr13	+	1.14E+08	1.14E+08	647
ENSG0000(	4.337399	0.297015	2.9246	0.037836	0.069858	AC138393.	chr1	-	2.24E+08	2.24E+08	135
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC112693.	chr15	+	93749295	93751277	1983
ENSG0000(	3.133327	1.370136	1.0099	0.43264	0.53812	MGC4771	chr2	-	2.33E+08	2.33E+08	105
ENSG0000(	2.293312	3.215331	-0.4295	0.72079	0.79337	RP11-380N	chr18	-	45404666	45408815	282
ENSG0000(	1.555988	0	1.8901	0.28116	NA	AC020629.	chr12	+	42624050	42628075	135
ENSG0000(	0.342542	2.278164	-2.0492	0.17547	0.25871	CTC-513N1	chr19	+	20585356	20585532	177
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	CTD-2542C	chr19	-	21021321	21030223	317
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTB-50E14.	chr19	-	42989228	42989866	639

ENSG0000(	0.290301	1.744828	-1.592	0.3373	0.44103	RP11-120K	chr13	+	1.14E+08	1.14E+08	649
ENSG0000(	95.9497	36.66991	1.3854	8.38E-07	3.01E-06	ITGB1P1	chr19	-	14732446	14733054	609
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC012493.	chr2	-	1.01E+08	1.01E+08	303
ENSG0000(	14.12874	23.3926	-0.70369	0.16499	0.24593	RAB11B-AS	chr19	-	8439257	8455569	1013
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-298J	chr6	-	41732030	41732198	169
ENSG0000(	14.18954	40.71492	-1.4726	0.013524	0.027672	AC018755.	chr19	+	52097814	52109403	929
ENSG0000(	0.580602	0.297015	0.36801	0.83644	NA	CTB-191K2	chr19	-	50869137	50872588	304
ENSG0000(	9.699819	3.717114	1.2679	0.14709	0.22316	AC187652.	chr7	+	302918	304070	501
ENSG0000(	3.994857	17.32132	-2.0398	0.002925	0.006753	CTB-92J24.	chr19	+	24110590	24112089	1500
ENSG0000(	28.29775	46.59519	-0.71144	0.050147	0.089172	CTD-3222D	chr19	-	16653434	16655625	1931
ENSG0000(	7.86209	8.03712	-0.02371	0.97485	0.98595	AC116407.	chr17	-	30506379	30506885	507
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTD-2616J	chr19	-	51853627	51871353	551
ENSG0000(	4.886299	28.30831	-2.4614	1.31E-05	4.14E-05	SPIB	chr19	+	50922195	50934570	3791
ENSG0000(	1.431782	0	1.7261	0.329	NA	AL096677.	chr20	-	23330015	23334066	57
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC099780.	chr3	-	59957215	59957583	321
ENSG0000(	0.36308	741.4264	-10.019	2.55E-27	2.93E-26	CTB-175P5	chr19	-	23582035	23598877	2766
ENSG0000(	0	2.382564	-2.4485	0.15134	0.22879	ZNF92P3	chr19	+	24118022	24118975	954
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	AC092384.	chr16	+	88894366	88894545	48
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTC-273B1	chr19	+	48969623	48970237	615
ENSG0000(	1.286224	3.633731	-1.3161	0.23943	0.33409	AC007292.	chr19	+	4339574	4343488	279
ENSG0000(	84.211	83.45604	0.012532	0.96119	0.97699	CTC-429P9	chr19	+	16741554	16754753	453
ENSG0000(	53.73535	100.7305	-0.90158	0.000201	0.000551	LRRC3DN	chr21	+	45879814	45882078	2265
ENSG0000(	1.233984	0	1.5686	0.37707	NA	CTB-175P5	chr19	+	23563119	23563678	560
ENSG0000(	34.27671	6.503508	2.3289	9.98E-06	3.20E-05	CTD-3131K	chr19	-	17599799	17622698	775
ENSG0000(	2.334388	1.340997	0.6942	0.56823	0.6656	CTB-180A7	chr19	-	6386773	6390411	447
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	CTD-2579N	chr19	+	23108179	23108349	171
ENSG0000(	3.04001	0.951736	1.3902	0.27387	0.37364	RP11-727F	chr11	-	62575154	62575535	382
ENSG0000(	0.653381	0.343138	0.51863	0.76794	NA	RP11-432N	chr5	-	17655237	17655647	411
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-15H2	chr19	+	23386812	23387358	547
ENSG0000(	6.225578	2.779947	1.0133	0.33049	0.43365	CTD-2619J	chr19	+	58951815	58957216	5402
ENSG0000(	0.290301	1.638012	-1.64	0.2979	0.3998	CTD-3032J	chr19	-	17317947	17318819	629
ENSG0000(	4.918815	2.307303	0.94243	0.42192	0.52745	CTD-2521N	chr19	-	17525066	17533133	691
ENSG0000(	1.649304	8.718564	-2.1972	0.028689	0.054567	AC006272.	chr19	-	52343177	52346577	423
ENSG0000(	5.528515	2.278164	1.1717	0.22326	0.31569	CTC-360G5	chr19	-	39425976	39429272	3297
ENSG0000(	0.653381	2.872193	-1.7587	0.19413	0.28174	CTB-174O2	chr19	+	47231860	47235957	562
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-98D1	chr1	+	1.52E+08	1.52E+08	549
ENSG0000(	6.857607	5.052406	0.426	0.60929	0.70202	SBP1	chr6	-	33663196	33663474	279
ENSG0000(	0.632843	0.654722	-0.02224	0.98935	NA	AC007919.	chr3	+	1.72E+08	1.72E+08	258
ENSG0000(	5.601294	4.836358	0.18703	0.82341	0.87538	RP11-353N	chr1	+	1.5E+08	1.5E+08	2081
ENSG0000(	3.487034	6.064834	-0.73782	0.47941	0.5837	DKFZP779I	chr12	+	48592170	48595814	3645
ENSG0000(	1.233984	4.943174	-1.7368	0.12054	0.18949	AL137026.	chr10	+	44873687	44878739	78
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	CYP4F23P	chr19	+	15674884	15695530	1788
ENSG0000(	1.027626	0.640152	0.42826	0.80114	NA	CTB-83J4.1	chr19	+	54728395	54728753	359
ENSG0000(	0.632843	0	0.81931	0.64303	NA	AC140061.	chr12	+	50690489	50691718	369
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AC073569.	chr12	+	80198742	80202321	30
ENSG0000(	2.967231	5.317866	-0.78242	0.38613	0.49044	CTC-453G2	chr19	+	48621689	48630963	852
ENSG0000(	2.012384	5.644019	-1.3805	0.15186	0.22946	CTD-2525I	chr19	-	52803946	52848482	1905
ENSG0000(	1.919068	0.357707	1.8355	0.23402	0.3277	CTD-2126E	chr19	-	50562139	50563489	1351
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	CTD-3138B	chr19	+	58740831	58798173	1463
ENSG0000(	1.048164	3.09153	-1.2771	0.37143	0.47583	AL031663.	chr20	+	44074071	44077220	3150
ENSG0000(	92.18613	89.30817	0.042452	0.87666	0.91427	AL590822.	chr1	+	2121237	2123179	1943
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	AC104057.	chr7	-	65112081	65113280	906
ENSG0000(	0	1.623443	-1.9406	0.26756	NA	AC093677.	chr4	-	75023327	75024085	759
ENSG0000(	0	2.010288	-2.4674	0.13027	0.202	CTD-2192J	chr19	-	12640582	12643787	533
ENSG0000(	2.064625	2.307303	-0.16224	0.88933	0.92296	AC138655.	chr2	+	47799601	47801998	2398
ENSG0000(	0	3.261455	-3.1777	0.038177	0.070435	AC008753.	chr19	+	54292036	54292422	387
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	AP001350.	chr11	-	58378589	58378759	171
ENSG0000(	1.338465	1.280305	0.03222	0.98165	0.98992	CTD-3222D	chr19	-	16697716	16698796	1081
ENSG0000(	0.36308	1.309443	-1.2534	0.45722	NA	TDGF1P7	chr19	+	40025103	40025661	559
ENSG0000(	8.75695	15.26007	-0.78141	0.23395	0.32766	AC006128.	chr19	+	15509507	15511167	1661
ENSG0000(	2.407167	4.317591	-0.78619	0.44395	0.5496	AL354808.	chr13	+	20268547	20269240	694
ENSG0000(	1.919068	0.640152	1.2549	0.37766	0.48176	AC016629.	chr19	-	59105263	59110722	890
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	Z97053.1	chr20	-	43234346	43248126	72
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTB-167G5	chr19	+	54120056	54120508	453
ENSG0000(	28.5803	217.3773	-2.9212	4.86E-33	6.94E-32	RP11-181I1	chr10	+	1.04E+08	1.04E+08	2453

ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	RP11-98D1	chr1	+	1.52E+08	1.52E+08	629
ENSG0000(	1.411244	1.355566	0.031008	0.98232	0.99011	AL138847.	chr1	+	63073437	63075249	1813
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AC004257.	chr19	-	15331826	15333108	277
ENSG0000(	1.286224	13.30403	-3.1002	0.000837	0.002104	CTD-2521M	chr19	+	17516503	17529713	1806
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTB-167G5	chr19	-	54107656	54111705	766
ENSG0000(	0.342542	3.619162	-2.6845	0.057098	0.099911	CTD-2331H	chr19	+	53426635	53427328	486
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AL121895.	chr20	-	34756461	34758180	66
ENSG0000(	12.72866	1.485073	2.7644	0.004802	0.010723	CTD-2195B	chr19	-	41727331	41727956	286
ENSG0000(	6.463638	5.512097	0.21845	0.80819	0.8646	CTB-102L5.	chr19	+	38675016	38676905	1890
ENSG0000(	0.632843	5.568757	-2.6884	0.023387	0.045459	CTD-2571L	chr19	-	48260293	48272097	540
ENSG0000(	10.7488	22.04287	-0.99044	0.21265	0.30318	AC079210.	chr17	+	66539369	66542970	3602
ENSG0000(	0	1.370136	-1.6825	0.34201	NA	RP11-255H	chr19	-	23981726	23982279	554
ENSG0000(	1.887365	0.343138	1.6811	0.30529	0.40686	AC018445.	chr18	-	77275812	77276057	246
ENSG0000(	2.407167	5.505649	-1.1198	0.26266	0.36085	CTD-3128G	chr19	-	6748304	6751478	686
ENSG0000(	19.51431	28.83191	-0.55718	0.24909	0.34541	AC008982.	chr19	-	39335369	39336139	493
ENSG0000(	185.8884	19.52106	3.2018	4.88E-23	4.73E-22	AC096677.	chr1	+	2.02E+08	2.02E+08	726
ENSG0000(	6.474803	10.91576	-0.73953	0.2923	0.39416	CTD-2192J	chr19	-	12636534	12691789	5857
ENSG0000(	2.831861	4.926189	-0.71394	0.55579	0.65486	AC005197.	chr19	+	18992489	18994185	683
ENSG0000(	4.315069	4.271467	0.007848	0.9935	0.99653	AC007228.	chr19	-	57056935	57078780	2045
ENSG0000(	0.36308	0	0.4146	0.81455	NA	AC069547.	chr10	+	52152766	52154321	1556
ENSG0000(	25.09506	0	6.2711	4.44E-08	1.78E-07	RP11-13J1(	chr2	+	1.05E+08	1.06E+08	443
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTD-2521M	chr19	-	17502238	17503093	856
ENSG0000(	299.4545	155.7975	0.93786	6.48E-06	2.13E-05	RP11-145M	chr3	-	1.79E+08	1.79E+08	2089
ENSG0000(	14.48326	0	5.4654	6.62E-06	2.17E-05	AC006262.	chr19	-	46667150	46683904	612
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTD-2521M	chr19	-	17563020	17563778	759
ENSG0000(	35.14761	23.61932	0.55376	0.17245	0.25504	RP11-345P	chr1	+	1603429	1604850	1422
ENSG0000(	0.923144	1.234181	-0.3108	0.84078	0.88823	AC009060.	chr16	-	70239303	70239683	381
ENSG0000(	2.665765	3.24447	-0.27073	0.79588	0.85526	CTD-3149D	chr19	+	17724531	17725239	419
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AL589739.	chr1	+	2258581	2259042	462
ENSG0000(	0.290301	0.997859	-1.0217	0.53916	NA	CTD-3105H	chr19	-	12543917	12595630	588
ENSG0000(	0.342542	0	0.4146	0.81455	NA	AL356215.	chr11	-	35150091	35150215	30
ENSG0000(	34.34786	21.26502	0.67851	0.11692	0.18466	RP11-178G	chr10	+	75880800	75881121	322
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	AC005399.	chr22	+	17690773	17691374	300
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTD-2542C	chr19	+	20874142	20880421	2737
ENSG0000(	32.76017	6.153922	2.2877	0.000629	0.001608	FLJ20306	chr7	+	6522922	6524873	1952
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	GOLGA7B	chr10	+	99627889	99631294	3406
ENSG0000(	0.36308	0.640152	-0.51156	0.77091	NA	RP11-399F	chr9	+	43009842	43010747	906
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTB-60E11.	chr19	+	40023052	40025062	647
ENSG0000(	6.161358	2.292733	1.3236	0.14844	0.22503	AC010642.	chr19	+	58830643	58831855	1213
ENSG0000(	0.632843	0	0.81931	0.64303	NA	AC092782.	chr1	+	2.43E+08	2.43E+08	63
ENSG0000(	0.72616	0	0.85004	0.63064	NA	AC005795.	chr19	-	42027403	42028349	894
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTB-180A7	chr19	-	6343772	6362160	559
ENSG0000(	0.36308	1.888903	-1.7962	0.25037	0.34685	CTD-3001H	chr19	-	48118956	48129652	547
ENSG0000(	0.632843	1.058552	-0.49434	0.7594	NA	AC007292.	chr19	-	4347241	4354054	357
ENSG0000(	0.72616	0	0.85004	0.63064	NA	AC015660.	chr15	-	1E+08	1E+08	132
ENSG0000(	0.342542	0.937167	-0.89746	0.60352	NA	SCGB2B3P	chr19	+	35136567	35136975	409
ENSG0000(	1.701545	3.6483	-1.0071	0.34945	0.45368	CTC-273B1	chr19	-	49016464	49016917	454
ENSG0000(	8.143832	6.20891	0.37354	0.60155	0.6951	CTD-2278I	chr19	-	17407005	17407504	500
ENSG0000(	910.2314	255.2244	1.832	3.36E-21	2.99E-20	KCNQ1OT1	chr11	-	2629558	2721224	91667
ENSG0000(	104.9643	50.02328	1.0607	0.000112	0.000318	CTD-3099C	chr19	-	53153690	53156537	2848
ENSG0000(	2.07579	1.387121	0.45467	0.75928	0.8251	AL669831.	chr1	-	738532	739137	129
ENSG0000(	1.576526	1.234181	0.27355	0.84432	0.89081	AL627171.	chr14	+	50291993	50293258	1266
ENSG0000(	1.608228	5.512097	-1.5389	0.18566	0.27129	CTD-3018C	chr19	-	52892095	52901019	2732
ENSG0000(	5.508791	1.888903	1.3548	0.19661	0.28458	CTD-3032J	chr19	-	17288320	17289285	125
ENSG0000(	38.38037	130.8636	-1.7438	3.84E-06	1.29E-05	RP11-15H2	chr19	-	23437855	23440741	2887
ENSG0000(	0	18.61129	-5.7111	5.60E-06	1.85E-05	hsa-mir-51(	chr19	+	54265215	54267453	2239
ENSG0000(	11.71041	0.951736	3.2557	0.001229	0.003005	CTC-490E2.	chr19	-	41337126	41343115	482
ENSG0000(	2.302685	6.434694	-1.3591	0.15469	0.23301	RP11-420K	chr19	+	21933549	21936240	2692
ENSG0000(	0	3.458101	-3.2363	0.034439	0.064218	RBL1	chr20	+	35724188	35725581	1394
ENSG0000(	0	9.205777	-4.6142	0.00096	0.002387	AC012313.	chr19	+	58907457	58908407	951
ENSG0000(	289.3255	188.194	0.61816	0.001612	0.003868	EGLN2	chr19	+	41304901	41314338	3894
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTD-2537I9	chr19	-	55987350	55987849	500
ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	FKSG63	chr16	+	70258261	70258641	381
ENSG0000(	59.26468	41.44799	0.51357	0.078891	0.13194	CTD-2583A	chr19	-	58378406	58379540	679
ENSG0000(	0.290301	1.935026	-1.8589	0.22928	0.32254	CTD-2587H	chr19	-	54949192	54949528	337

ENSG0000(	0	1.759397	-2.0294	0.24451	NA	MIR371B	chr19	-	54290851	54291423	446
ENSG0000(	1.016461	0.951736	0.04702	0.97613	0.98651	AL353583.	chr10	-	24770273	24770632	360
ENSG0000(	0	41.33157	-6.9381	9.27E-10	4.29E-09	AC007375.	chr14	+	77607026	77609339	2314
ENSG0000(	1.338465	5.378559	-1.8157	0.084786	0.14042	RP11-477H	chr1	+	1.65E+08	1.65E+08	715
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	RP11-816J	chr3	+	1.69E+08	1.69E+08	843
ENSG0000(	20.62066	4.135513	2.2087	0.001132	0.002786	RP5-1139B	chr1	-	2.28E+08	2.28E+08	3955
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	ARHGAP19	chr10	-	98757795	99052413	8956
ENSG0000(	5.436012	1.935026	1.335	0.18134	0.26599	RP4-761J1	chr12	+	6852151	6852807	657
ENSG0000(	234.3514	644.3359	-1.4544	1.88E-26	2.09E-25	SNHG8	chr4	+	1.19E+08	1.19E+08	672
ENSG0000(	3.257533	3.830377	-0.18872	0.85501	0.89801	RP11-1020	chr3	+	9977390	9977942	553
ENSG0000(	2.967231	0.297015	2.4346	0.09342	0.15262	AP000654.	chr11	+	86544110	86548657	1192
ENSG0000(	12.46909	27.86722	-1.1481	0.023061	0.044906	RP4-740C4	chr1	-	2281853	2284259	2407
ENSG0000(	0.36308	1.370136	-1.2757	0.45095	NA	RP11-568J	chr16	+	85776893	85777831	498
ENSG0000(	20.14715	7.255309	1.4208	0.027887	0.053227	RP11-589N	chr8	-	11703663	11703900	238
ENSG0000(	0.72616	13.51766	-3.8596	0.00029	0.000779	RP11-331F	chr9	-	35657748	35658015	268
ENSG0000(	3.04001	0.594029	1.8332	0.1864	0.27216	RP11-178L	chr16	+	87396142	87401082	450
ENSG0000(	6.628106	0.654722	2.8988	0.014145	0.028808	RP6-99M1.	chrX	-	45624175	45624702	528
ENSG0000(	2.811323	2.307303	0.22551	0.84908	0.89409	RP11-571N	chr12	+	58208277	58208709	433
ENSG0000(	0	1.730259	-1.9792	0.25882	NA	MAP2K4P1	chrX	-	72744111	72782921	2539
ENSG0000(	13.18506	18.46567	-0.47898	0.32425	0.42712	RP11-248J	chr14	-	51129229	51129896	668
ENSG0000(	13.22532	6.725261	0.93057	0.16112	0.24118	RP11-330N	chr9	+	99672358	99672687	330
ENSG0000(	0	2.66501	-2.877	0.067583	0.11559	RP11-1406	chr4	+	6241168	6241664	497
ENSG0000(	6.515879	1.744828	1.7278	0.10686	0.17079	RP11-73M1	chr14	-	1.04E+08	1.04E+08	535
ENSG0000(	0	2.497501	-2.5327	0.1357	0.20884	FAM226A	chrX	+	71997432	71998921	1490
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	CTC-1337H	chr11	+	67227339	67227784	446
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	RP11-193N	chr12	+	85657322	85658235	914
ENSG0000(	35.29154	85.9179	-1.2689	9.44E-06	3.04E-05	AF131215.	chr8	-	10962201	10964214	2014
ENSG0000(	1.628766	4.081268	-1.167	0.28908	0.39061	RP11-646I	chr4	+	57253791	57254319	529
ENSG0000(	1.774324	0.937167	0.67035	0.6539	0.73897	RP11-214K	chr12	+	1.25E+08	1.25E+08	2835
ENSG0000(	1.338465	2.024857	-0.49199	0.71638	0.78994	RP11-697N	chr8	+	48439959	48440710	752
ENSG0000(	6.825904	5.104234	0.38486	0.63036	0.71982	RP3-467L1	chr1	+	7836443	7836835	393
ENSG0000(	6.524438	16.32272	-1.2813	0.051187	0.090797	RP11-849F	chr17	-	8128139	8128798	660
ENSG0000(	4.584833	3.870053	0.21763	0.80742	0.86404	RP11-2B6.2	chr9	+	96938740	96940174	1435
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	RP5-1069C	chr20	-	12915525	12916431	907
ENSG0000(	149.4749	133.2788	0.16342	0.45973	0.56502	RP5-1086D	chr15	+	31061535	31065196	3662
ENSG0000(	6.212785	0.357707	3.3962	0.011678	0.024183	RP5-1139B	chr1	-	2.28E+08	2.28E+08	1483
ENSG0000(	0	7.515937	-4.4664	0.00087	0.002181	RP11-482N	chr16	-	87634132	87635796	1665
ENSG0000(	69.08177	1.684135	5.1735	9.61E-15	6.20E-14	hsa-mir-14	chr5	+	1.49E+08	1.49E+08	2549
ENSG0000(	10.40544	5.970172	0.77445	0.27822	0.37867	RP11-20I23	chr16	-	2611472	2615097	3626
ENSG0000(	1.919068	1.387121	0.41655	0.75679	0.82315	RP11-214K	chr12	-	1.24E+08	1.24E+08	557
ENSG0000(	2.407167	1.058552	0.99999	0.45591	0.56112	RP11-73M1	chr14	+	1.04E+08	1.04E+08	611
ENSG0000(	0	3.399825	-3.1197	0.048716	0.087002	RP11-29B2	chr13	+	1.03E+08	1.03E+08	533
ENSG0000(	0.870904	0.700845	0.24359	0.88646	NA	RP11-770J	chr11	+	1.18E+08	1.18E+08	545
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP6-91H8.	chr14	+	71685817	71689441	3625
ENSG0000(	3.931452	4.931021	-0.30238	0.75094	0.81793	RP11-2B6.3	chr9	+	96928571	96962909	235
ENSG0000(	11.14179	36.23707	-1.6814	0.001382	0.003354	RP11-849F	chr17	+	8181081	8181754	674
ENSG0000(	0	0.891044	-1.0625	0.54819	NA	RP11-248J	chr10	+	97709725	97744785	2133
ENSG0000(	2.354926	7.074847	-1.484	0.10184	0.16386	RP11-738E	chr4	-	57827093	57827539	447
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AP000962.	chr21	-	17947038	17954957	729
ENSG0000(	10.20585	2.041842	2.1871	0.015516	0.031328	RP11-797A	chr15	-	77359996	77360667	672
ENSG0000(	3.382552	1.340997	1.1722	0.3116	0.41364	RP11-324I2	chr10	+	35499344	35499678	335
ENSG0000(	5.77774	5.583326	0.055755	0.94254	0.96283	MKNK1-AS2	chr1	+	47004368	47035927	2445
ENSG0000(	198.4207	106.7815	0.89189	1.94E-06	6.75E-06	RP11-73M1	chr14	+	1.04E+08	1.04E+08	811
ENSG0000(	5.996077	4.617021	0.34975	0.66338	0.74676	hsa-mir-12	chr19	-	52188616	52196709	3962
ENSG0000(	5.072932	1.372552	1.628	0.18884	0.27515	CTD-2033C	chr5	-	65220457	65220963	507
ENSG0000(	0	209.5621	-8.7128	3.87E-12	2.11E-11	RP13-238F	chr10	-	1.26E+08	1.26E+08	537
ENSG0000(	20.82286	48.75184	-1.2109	0.003996	0.009027	RP11-73M1	chr14	+	1.04E+08	1.04E+08	683
ENSG0000(	0	4.037561	-3.5553	0.014151	0.028818	RP11-321C	chr6	+	78400375	78636691	4800
ENSG0000(	0.705622	0.997859	-0.40316	0.79396	NA	RP11-24B1	chr13	-	51935701	51936371	671
ENSG0000(	3.579537	2.102535	0.6948	0.56046	0.65913	RP11-84A1	chr1	-	32317514	32387442	587
ENSG0000(	1.95077	0	2.1837	0.20683	0.29652	RP3-426I6.	chr1	+	28100369	28100552	184
ENSG0000(	52.71971	48.09148	0.13548	0.6531	0.73829	RP11-95D1	chr2	+	10076489	10079719	3231
ENSG0000(	9.627854	7.87606	0.27249	0.67109	0.75367	RP11-932C	chr15	+	30941000	30941732	733
ENSG0000(	0.36308	193.0048	-8.2032	4.29E-17	3.16E-16	RP11-58B1	chr3	-	9540045	9541253	1209
ENSG0000(	1.555988	0.715414	0.82216	0.6132	0.70526	RP11-130L	chr2	-	20786008	20786446	439

ENSG0000(	0.290301	1.995719	-1.903	0.2133	0.3039	RP11-338N	chr1	-	7760764	7761030	267
ENSG0000(	20.39719	20.29388	-0.00368	0.99363	0.99661	RP11-498E	chr9	+	1.25E+08	1.25E+08	708
ENSG0000(	3.019472	2.918317	0.028237	0.97877	0.98819	RP11-282C	chr12	+	1.24E+08	1.24E+08	343
ENSG0000(	43.18338	26.40242	0.70014	0.06417	0.11062	RP11-1020	chr3	+	10000401	10004223	3823
ENSG0000(	0	1.309443	-1.6539	0.35008	NA	RP11-497H	chr5	+	69745463	69746180	718
ENSG0000(	21.94201	18.20262	0.26105	0.59125	0.68615	RP11-362K	chr3	-	1.69E+08	1.69E+08	3143
ENSG0000(	0.580602	0.297015	0.36801	0.83644	NA	RP1-232P2	chr6	-	5451916	5458308	1291
ENSG0000(	1.048164	0.997859	0.034858	0.98138	0.98968	RP11-395P	chr9	-	1.31E+08	1.31E+08	745
ENSG0000(	89.64343	65.30928	0.45407	0.086397	0.14275	CTD-3074C	chr11	-	66303369	66305407	2039
ENSG0000(	3.755005	2.681995	0.42895	0.68973	0.76866	RP11-521C	chr10	-	52102202	52102561	360
ENSG0000(	0	70.77994	-7.6294	1.43E-11	7.47E-11	AF003625.	chrX	+	1.5E+08	1.5E+08	470
ENSG0000(	1.027626	24.46901	-4.2608	3.51E-06	1.19E-05	RP11-276H	chr9	-	89623370	89657041	2012
ENSG0000(	212.1967	183.5912	0.20637	0.39709	0.50162	RP11-343N	chr1	+	1.21E+08	1.21E+08	1326
ENSG0000(	6.515879	0.700845	2.8195	0.017749	0.03543	RP11-214K	chr12	-	1.24E+08	1.24E+08	553
ENSG0000(	5.30162	0	3.9758	0.004065	0.009174	RP11-272L	chr1	-	98399030	98407302	870
ENSG0000(	3.516131	5.003866	-0.45607	0.60903	0.70178	CTD-3185P	chr15	-	66780996	66781427	432
ENSG0000(	0	3.022717	-3.0495	0.04972	0.088547	RP3-449M8	chr14	-	74938633	74939063	431
ENSG0000(	5.041229	1.606458	1.4418	0.20091	0.28963	RP11-218C	chr20	-	23612463	23612953	491
ENSG0000(	6.245302	8.608459	-0.44385	0.51717	0.6199	RP11-178L	chr16	+	87351115	87351643	395
ENSG0000(	3.765356	0.937167	1.6853	0.18201	0.26681	RP1-127C7	chr1	-	1.84E+08	1.84E+08	646
ENSG0000(	0.72616	7.426106	-2.9932	0.011087	0.023079	CTD-2132N	chr17	-	40190250	40190752	503
ENSG0000(	0.580602	0.937167	-0.42674	0.8018	NA	ZNF177	chr19	+	9434850	9493293	2470
ENSG0000(	38.71598	38.02473	0.019361	0.95285	0.97057	LL0XNC01-	chrX	+	49129517	49132231	2715
ENSG0000(	94.72313	98.80037	-0.06275	0.79516	0.85477	RP11-540B	chr15	+	31218717	31220610	1894
ENSG0000(	1.597063	0.700845	0.92163	0.54934	0.64913	RP11-932C	chr15	-	30899898	30900396	499
ENSG0000(	12.62418	27.72723	-1.1044	0.042334	0.077034	RP3-462E2	chr12	+	1.12E+08	1.12E+08	571
ENSG0000(	3.330311	5.614881	-0.71345	0.40968	0.51457	RP11-141B	chr2	-	1.15E+08	1.15E+08	1548
ENSG0000(	3.879211	2.558194	0.5276	0.63433	0.72301	RP11-463C	chr16	-	86553989	86557503	3515
ENSG0000(	4.180677	0.297015	2.9112	0.036127	0.067038	CTC-203F4.	chr5	+	1.35E+08	1.35E+08	2017
ENSG0000(	1.08924	1.012429	0.056203	0.97303	0.98493	RNU12	chr22	+	43011250	43011913	664
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	SGKL	chr8	+	67579831	67772707	2949
ENSG0000(	24.45961	0.937167	4.3204	8.62E-07	3.09E-06	RP11-380L	chr12	-	1.24E+08	1.24E+08	623
ENSG0000(	0.342542	0.594029	-0.38792	0.8278	NA	RP11-326C	chr11	-	325703	326294	592
ENSG0000(	1.576526	0.640152	1.0117	0.49133	0.59533	RP3-426I6.	chr1	+	28146494	28146852	359
ENSG0000(	3.04001	0	3.1035	0.041741	0.076064	C12ORF55	chr12	+	97041753	97269333	5096
ENSG0000(	0	4.80722	-3.7994	0.007855	0.016817	RP11-338N	chr1	-	7758363	7758932	570
ENSG0000(	8.620766	6.064834	0.49207	0.49419	0.59803	RP11-571N	chr12	+	58197621	58198198	578
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-416A	chr1	+	39672184	39672629	446
ENSG0000(	24.52302	3.388545	2.6766	0.000361	0.000955	LL22NC03-	chr22	-	24080865	24081476	612
ENSG0000(	1.379541	0	1.686	0.34092	NA	RP11-214K	chr12	-	1.24E+08	1.24E+08	263
ENSG0000(	17.00347	6.206494	1.3973	0.023896	0.046315	RP11-297D	chr16	+	67515217	67521153	696
ENSG0000(	0.36308	0.715414	-0.51558	0.77246	NA	WI2-80269	chrX	+	1.51E+08	1.51E+08	435
ENSG0000(	51.36763	4.320007	3.4967	7.74E-11	3.87E-10	CTD-3092A	chr15	+	30780166	30782516	2351
ENSG0000(	0.36308	1.713273	-1.6527	0.29564	0.39767	RP11-88H1	chr3	-	65344943	65345392	450
ENSG0000(	14.17161	10.26346	0.45236	0.44439	0.54995	RP11-390K	chr11	-	47189832	47191114	574
ENSG0000(	4.470978	0.98329	1.8995	0.11177	0.17753	RP11-214K	chr12	-	1.24E+08	1.24E+08	355
ENSG0000(	15.35156	7.520769	0.98942	0.13263	0.20508	RP11-248J	chr14	-	51190495	51190990	496
ENSG0000(	4.470978	19.78082	-2.0547	0.001609	0.003862	SCARNA2	chr1	+	1.1E+08	1.1E+08	427
ENSG0000(	16.3082	12.57559	0.36227	0.60089	0.69467	CTC-487M2	chr5	+	1.12E+08	1.12E+08	669
ENSG0000(	0.290301	0.654722	-0.51764	0.76892	NA	RP4-761J1.	chr12	+	6832399	6832853	455
ENSG0000(	167.5504	28.61419	2.5361	2.20E-19	1.79E-18	RP6-99M1.	chrX	-	45604639	45629677	1758
ENSG0000(	0.653381	0	0.82678	0.64037	NA	AP001172.	chr21	-	17664112	17680454	581
ENSG0000(	2.302685	1.234181	0.72064	0.58384	0.67975	RP11-750H	chr11	-	47535157	47536441	430
ENSG0000(	0.72616	8.547767	-3.2073	0.004767	0.010648	AF131215.	chr8	+	11060474	11061180	707
ENSG0000(	0.36308	0	0.4146	0.81455	NA	KB-1958F4	chr8	+	98156398	98156951	554
ENSG0000(	0.36308	7.888213	-3.7126	0.004597	0.010295	AC004152.	chr19	-	2287163	2287942	780
ENSG0000(	369.8268	339.2513	0.12358	0.38219	0.48637	RP5-935K1	chr2	-	1.29E+08	1.29E+08	2135
ENSG0000(	14.5963	6.035696	1.2297	0.072645	0.12302	RP1-257I2(	chr22	-	42485634	42486032	399
ENSG0000(	17.38628	14.49122	0.25663	0.61278	0.70497	GAS5-AS1	chr1	+	1.74E+08	1.74E+08	694
ENSG0000(	2.624689	3.261455	-0.28804	0.783	0.84456	RP11-78O7	chr17	-	19799903	19800600	681
ENSG0000(	2.521021	0	2.4615	0.15149	0.22899	RP11-318K	chr9	+	66836662	66836791	130
ENSG0000(	2.157128	0.297015	1.9761	0.20305	0.29188	RP11-214K	chr12	-	1.24E+08	1.24E+08	258
ENSG0000(	0	1.326428	-1.6486	0.3523	NA	LA16c-380I	chr16	+	3049903	3050390	346
ENSG0000(	31.44305	46.55135	-0.56062	0.1349	0.20791	RP11-24B1	chr13	-	51936795	51937579	785
ENSG0000(	4.762093	10.69159	-1.1261	0.13581	0.20898	RP11-498E	chr9	+	1.25E+08	1.25E+08	477

ENSG0000(	0	0.997859	-1.5018	0.39072	NA	RNU11	chr1	+	28975112	28975242	131
ENSG0000(	1.233984	1.248751	-0.01102	0.99422	0.99669	RP11-245P	chr1	-	2.29E+08	2.29E+08	574
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-326C	chr11	-	322186	322727	386
ENSG0000(	36.64459	11.70644	1.6218	0.000495	0.001287	RP11-73M	chr14	+	1.04E+08	1.04E+08	552
ENSG0000(	3.994857	8.654582	-1.0582	0.19009	0.27675	RP11-393N	chr4	+	57330324	57330745	422
ENSG0000(	10.8078	4.974728	1.0686	0.15924	0.23875	RP5-1139B	chr1	-	2.28E+08	2.28E+08	764
ENSG0000(	0.705622	5.627034	-2.618	0.032197	0.060433	RP11-742D	chr18	+	44336450	44344371	4685
ENSG0000(	7.084503	6.405556	0.15769	0.8308	0.88065	RP11-415J	chr1	+	33726813	33727281	469
ENSG0000(	8.848475	0.997859	2.8219	0.007998	0.017095	AP001429.	chr21	+	38473114	38473643	530
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	RP11-327F	chr16	+	50746755	50747500	746
ENSG0000(	4.180677	2.742687	0.58112	0.56465	0.66259	RP11-118F	chr16	-	85613615	85617177	601
ENSG0000(	0	2.232041	-2.63	0.10215	0.16421	RP11-501C	chr17	-	47082093	47089888	160
ENSG0000(	2.822488	4.899467	-0.74301	0.49347	0.59737	RP11-526I	chr15	-	1.01E+08	1.01E+08	2387
ENSG0000(	3.40309	0.343138	2.585	0.070278	0.11959	RP11-214K	chr12	-	1.24E+08	1.24E+08	528
ENSG0000(	0.632843	0	0.81931	0.64303	NA	KB-1043D8	chr8	-	97152800	97153172	373
ENSG0000(	1.338465	5.066975	-1.7226	0.11309	0.17938	CTC-303L1.	chr5	-	93947611	93953827	409
ENSG0000(	0.580602	0	0.8036	0.6494	NA	NBL1	chr1	+	19923473	19984549	1623
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	CTC-137K3	chr8	+	1.34E+08	1.34E+08	725
ENSG0000(	1.265686	0.640152	0.71969	0.64739	NA	RP5-1021I	chr14	+	74371970	74372339	370
ENSG0000(	12.47944	9.798933	0.33283	0.59511	0.68957	TERC	chr3	-	1.69E+08	1.69E+08	541
ENSG0000(	44.89788	31.09141	0.52816	0.14603	0.22181	AC004257.	chr19	-	15346330	15346819	490
ENSG0000(	49.49469	69.97302	-0.49313	0.22583	0.31859	CTD-2267D	chr17	+	38459457	38460909	1453
ENSG0000(	0.72616	2.278164	-1.3424	0.35775	0.46203	RP11-646I	chr4	+	57262478	57263037	560
ENSG0000(	0	0.997859	-1.5018	0.39072	NA	F11R	chr1	-	1.61E+08	1.61E+08	2096
ENSG0000(	0	2.543625	-2.8094	0.076886	0.12916	RP11-419I	chr8	+	12333971	12334631	661
ENSG0000(	11.84741	20.11254	-0.75375	0.17179	0.25431	RP5-1172N	chrX	+	41095109	41095832	724
ENSG0000(	16.184	15.06584	0.095195	0.84703	0.89272	RP5-894A1	chr7	-	1.41E+08	1.41E+08	925
ENSG0000(	1.681007	2.041842	-0.23867	0.84705	0.89272	RP11-568J	chr16	+	85826021	85826539	408
ENSG0000(	0	2.087966	-2.2641	0.18897	0.27528	RP11-1085	chr14	-	57266623	57267306	684
ENSG0000(	0	1.370136	-1.6825	0.34201	NA	AC006129.	chr19	+	42041545	42043266	1718
ENSG0000(	6.982627	6.096389	0.19042	0.81697	0.87163	RP11-167P	chr16	-	67772491	67773825	569
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	LA16c-380	chr16	+	3051301	3052017	491
ENSG0000(	0	0.715414	-0.84936	0.6309	NA	CTC-1337H	chr11	-	67229181	67229791	611
ENSG0000(	322.0968	857.4025	-1.4104	8.54E-16	5.85E-15	RP11-21N3	chr3	+	1.97E+08	1.97E+08	918
ENSG0000(	0	6.586891	-4.1437	0.004056	0.009155	RP11-338N	chr1	-	7753184	7754904	1721
ENSG0000(	187.5752	93.71613	0.99583	0.000524	0.001356	RP5-1024G	chr1	-	53708036	53710212	2177
ENSG0000(	1.576526	1.949596	-0.25036	0.83934	0.88732	RP11-382B	chr15	-	30649969	30650976	1008
ENSG0000(	1.286224	1.029414	0.25867	0.8668	0.90724	RP1-256G2	chr6	-	5665218	5695505	806
ENSG0000(	2.67693	6.165202	-1.1114	0.26878	0.36769	RP11-793H	chr12	-	53893946	53894720	775
ENSG0000(	4.221753	5.836634	-0.43953	0.61218	0.70451	CTD-2410N	chr5	+	1.34E+08	1.34E+08	1418
ENSG0000(	1.887365	1.012429	0.71921	0.62624	0.71631	RP11-494H	chr3	+	1.8E+08	1.8E+08	304
ENSG0000(	0.36308	1.98115	-1.8644	0.22572	0.31845	RP11-159N	chr11	+	1.13E+08	1.13E+08	640
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP1-170O1	chr7	+	27197963	27198595	633
ENSG0000(	15.32328	13.86563	0.12729	0.82338	0.87538	RP11-568J	chr16	+	85817988	85821223	689
ENSG0000(	88.06413	46.31765	0.91197	0.011205	0.023296	RP11-258C	chrX	+	53198279	53200096	1818
ENSG0000(	2.987769	0	3.1007	0.040889	0.074766	RP11-803D	chr2	-	1.12E+08	1.12E+08	606
ENSG0000(	19.26427	14.99461	0.36076	0.47969	0.58397	RP11-572C	chr4	+	1714548	1715349	802
ENSG0000(	0.342542	0.997859	-1.0273	0.53559	NA	RP11-550A	chr7	+	29591137	29591767	631
ENSG0000(	0.342542	0.654722	-0.52406	0.76557	NA	RP11-325L	chr15	+	65318426	65319014	589
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-105C	chr16	+	59689506	59690240	526
ENSG0000(	31.71265	13.31531	1.2236	0.014369	0.029217	RP13-36G1	chrX	-	73229224	73231303	905
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-475J	chr5	-	99388563	99389243	681
ENSG0000(	7.946847	3.368271	1.1736	0.16252	0.24291	RP11-453E	chr4	-	68584714	68589980	2046
ENSG0000(	1.390706	2.185918	-0.57339	0.67349	0.75553	RP11-265B	chr9	-	71722842	71723133	292
ENSG0000(	1.265686	0.951736	0.30973	0.83942	0.88733	RP11-381K	chr5	-	1.37E+08	1.37E+08	501
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-123J	chr4	-	77807182	77807523	342
ENSG0000(	23.77795	113.6653	-2.2493	8.37E-13	4.78E-12	RP11-701H	chr15	+	25287065	25287575	511
ENSG0000(	1.887365	1.623443	0.18117	0.89785	0.92907	CTC-471J1.	chr19	-	52613571	52613979	409
ENSG0000(	0.705622	1.355566	-0.75056	0.61553	0.70721	RP11-420B	chr8	+	18859137	18859460	324
ENSG0000(	6.56812	4.56036	0.48519	0.63616	0.72446	RP11-17P1	chr4	+	68503895	68504077	183
ENSG0000(	1.887365	4.380699	-1.0553	0.34093	0.44487	NDUFB8P2	chr17	+	57962376	57962913	538
ENSG0000(	0	5.58091	-3.9368	0.006512	0.014184	RP11-731D	chr4	-	1.52E+08	1.52E+08	540
ENSG0000(	0.36308	1.903472	-1.6912	0.30152	0.40282	RP11-697H	chr11	+	63399705	63400192	488
ENSG0000(	0.342542	3.085825	-2.4144	0.10157	0.16352	CTC-559E9.	chr19	-	19981532	19982108	577
ENSG0000(	0.72616	0.700845	0.022935	0.98937	NA	RP11-65L3	chr2	+	1.79E+08	1.79E+08	1798

ENSG0000(	0	1.669566	-1.94	0.2691	NA	RP4-806M:	chr20	+	57329407	57331894	1619
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	LOC10041	chr19	-	35270316	35270925	610
ENSG0000(	0.36308	0.951736	-0.91212	0.59701	NA	RP5-1115A	chr1	+	8572712	8573080	369
ENSG0000(	1.681007	1.355566	0.2643	0.83989	0.88763	RP11-1029	chr3	+	48080757	48080980	224
ENSG0000(	0.943682	0	1.2438	0.48556	NA	RP11-453E	chr4	-	68590901	68592113	1213
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	RP11-566F	chr10	+	1.11E+08	1.11E+08	600
ENSG0000(	1.08924	0	1.1858	0.50299	NA	RP11-554D	chr6	-	75239964	75443995	618
ENSG0000(	1.048164	2.728118	-1.1643	0.38354	0.48765	RP5-850E9	chr20	-	627270	656444	2714
ENSG0000(	10.81816	2.07098	2.2553	0.012846	0.026414	RP11-359E	chr10	-	1.22E+08	1.22E+08	1414
ENSG0000(	1.068702	0.951736	0.086473	0.95607	0.97299	WI2-2334D	chr15	-	29103028	29103544	517
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-461L	chr4	-	1.53E+08	1.53E+08	410
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CTC-786C1	chr16	-	85312426	85312641	216
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	GS1-165B1	chr7	-	7775374	7776482	1109
ENSG0000(	1.919068	0	2.4151	0.13977	0.21349	RP11-2L8.2	chr3	-	1.78E+08	1.78E+08	193
ENSG0000(	3.206105	0	2.8643	0.084706	0.14033	RP11-697E	chr15	-	90825080	90825263	184
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-180P	chr17	-	61055855	61056202	348
ENSG0000(	0.342542	1.66715	-1.521	0.35886	0.46305	CTC-559E9.	chr19	+	19967784	19968336	553
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP5-874C2	chr6	-	28287437	28287629	193
ENSG0000(	0.943682	3.336716	-1.5322	0.21573	0.30678	RP11-82L2	chr9	-	1.07E+08	1.07E+08	7020
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-642D	chr2	-	62576083	62577874	636
ENSG0000(	0	2.681995	-2.9147	0.061147	0.10611	CTD-2506P	chr14	-	81725909	81726583	675
ENSG0000(	8.267059	3.2299	1.2593	0.1353	0.20832	RP11-734K	chr12	+	89919431	89934079	338
ENSG0000(	27.5433	22.3276	0.29929	0.45586	0.5611	RP1-90J20.	chr6	+	3020388	3022984	2597
ENSG0000(	0	402.2862	-9.973	2.63E-20	2.24E-19	RP11-436H	chr2	-	70883916	70885457	1542
ENSG0000(	0	4.68013	-3.6379	0.015266	0.03089	RP11-547N	chr2	-	64435632	64435850	219
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	IGHV1OR15	chr15	-	22482836	22483268	348
ENSG0000(	0	0.937167	-1.2408	0.48662	NA	RP11-307C	chr1	+	1.55E+08	1.55E+08	690
ENSG0000(	12.60364	15.68089	-0.29536	0.58826	0.68382	RP11-46B1	chr6	+	79943435	79946514	2946
ENSG0000(	0.342542	1.058552	-0.99235	0.56407	NA	RP11-384L	chr3	-	32285339	32285510	172
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-108K	chr15	-	51643297	51643389	93
ENSG0000(	0.290301	0.640152	-0.50256	0.77558	NA	RP11-290D	chr13	+	45837825	45838050	226
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-315D	chr4	-	1.49E+08	1.49E+08	858
ENSG0000(	0.36308	6.114247	-3.3268	0.015441	0.031199	AC000095.	chr22	-	19005556	19006429	874
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-627K	chr12	-	31407295	31407379	85
ENSG0000(	1.016461	1.949596	-0.79031	0.56403	0.66208	CTC-412M1	chr19	+	19819774	19821274	617
ENSG0000(	0	1.294874	-1.8547	0.27869	NA	JAG1	chr20	-	10625847	10627014	568
ENSG0000(	1.306762	2.428687	-0.72494	0.58892	0.68432	RP11-44D5	chr3	+	15773759	15774977	830
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP13-379L	chr20	+	56672323	56672647	325
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	RP11-810C	chrX	-	1.14E+08	1.14E+08	216
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-521J	chr13	-	81689001	81689430	430
ENSG0000(	23.98268	24.97247	-0.05841	0.90044	0.93109	CAHM	chr6	-	1.64E+08	1.64E+08	896
ENSG0000(	0.975385	1.326428	-0.32787	0.83166	0.88129	RP11-351C	chr10	+	65118505	65118864	360
ENSG0000(	2.926156	1.058552	1.2021	0.39693	0.50145	RP11-1348	chr16	-	28761280	28761916	637
ENSG0000(	4.076195	2.903748	0.44137	0.68968	0.76866	RP11-326I:	chr4	-	1.85E+08	1.85E+08	686
ENSG0000(	11.6488	8.372137	0.47532	0.4419	0.54769	NRBF2P5	chr10	+	5818034	5818821	788
ENSG0000(	1.379541	5.033005	-1.6564	0.15753	0.23678	RP11-19E1	chr12	-	46274733	46276049	1317
ENSG0000(	1.649304	0.654722	1.0443	0.47174	0.57637	RP11-124D	chr14	+	23763061	23765007	1875
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-175I:	chr10	-	46308096	46308392	297
ENSG0000(	16.83738	37.42265	-1.1202	0.057454	0.1005	RP11-694I:	chr3	-	49177519	49198284	1799
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP1-223H1	chr1	-	1.82E+08	1.82E+08	195
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-972P	chr12	-	1.24E+08	1.24E+08	336
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-467C	chr1	-	59754975	59755312	338
ENSG0000(	0	3.305162	-3.2461	0.030518	0.057606	RP11-796E	chr2	+	1.75E+08	1.75E+08	317
ENSG0000(	2.883288	2.07098	0.44733	0.70163	0.77792	RP11-342K	chr2	+	75924709	75925122	414
ENSG0000(	0.975385	1.903472	-0.75645	0.60848	0.70118	RP11-411B	chr18	+	14053950	14054760	811
ENSG0000(	1.338465	2.367995	-0.70493	0.57125	0.66844	RP11-369G	chr19	-	23305990	23306890	901
ENSG0000(	0.580602	2.338857	-1.5142	0.29397	0.39595	RP11-57B2	chr4	+	83612890	83613621	732
ENSG0000(	0.36308	1.920457	-1.7083	0.29495	0.39702	RP11-131L	chr12	-	1.19E+08	1.19E+08	611
ENSG0000(	0.290301	1.698704	-1.6722	0.28779	0.38931	RP11-230C	chr6	-	1.57E+08	1.57E+08	129
ENSG0000(	2.044087	0	2.4801	0.12801	0.19906	RP11-622C	chr15	+	67100742	67102898	2157
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP4-743O1	chr11	+	34764453	34764746	294
ENSG0000(	2.468781	0.594029	1.4177	0.37656	0.48058	RP13-685P	chr3	+	1.29E+08	1.29E+08	489
ENSG0000(	22.9517	1.294874	3.8522	8.09E-06	2.63E-05	RP1-290F1	chrX	-	53094235	53094730	496
ENSG0000(	1.681007	1.294874	0.29761	0.82009	0.87355	RP1-71L16	chrX	-	46420363	46422184	1460
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-407N	chr14	+	39684269	39685539	1271

ENSG0000(	303.7765	10.49253	4.804	1.59E-45	3.23E-44	RP11-420L	chr6	+	3751345	3754105	2761
ENSG0000(	2.656392	2.65044	0.00091	0.99934	0.99973	RP11-777F	chr11	-	87034751	87035401	651
ENSG0000(	2.261609	0	2.6509	0.097945	0.15859	RP11-168P	chr13	+	44361727	44361988	262
ENSG0000(	0.72616	5.185944	-2.4113	0.065584	0.11268	RP11-145P	chr15	+	25376125	25376484	360
ENSG0000(	0	1.029414	-1.1526	0.51496	NA	RP1-290B4	chrX	+	1.13E+08	1.13E+08	1078
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-674I	chr2	-	28238644	28239349	706
ENSG0000(	2.023549	0.343138	1.8536	0.2352	0.32906	RP11-169K	chr3	-	11570962	11571229	268
ENSG0000(	0.290301	1.370136	-1.2908	0.44733	NA	PEBP1P2	chr2	-	85568404	85568961	558
ENSG0000(	0	1.234181	-1.5727	0.37581	NA	RP11-785G	chr2	+	2.37E+08	2.37E+08	1543
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-478B	chr10	+	57506311	57506668	358
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-536C	chr9	-	13406379	13433052	2328
ENSG0000(	0.580602	0.297015	0.36801	0.83644	NA	RP11-293K	chr1	+	62996307	62996544	238
ENSG0000(	1.286224	1.294874	-0.00705	0.99579	0.99763	RP11-15E1	chr17	+	58590551	58590911	361
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	RP11-225N	chr3	-	1.83E+08	1.83E+08	1099
ENSG0000(	4.782631	2.728118	0.73972	0.46561	0.57042	RP11-546J	chr2	+	1.59E+08	1.59E+08	883
ENSG0000(	6.059482	12.31416	-0.96843	0.23032	0.32369	CTD-2124B	chr5	-	37286551	37287079	529
ENSG0000(	38.73587	1.713273	4.3269	5.89E-09	2.55E-08	RP11-154H	chr3	+	71634094	71636560	2467
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-379K	chr3	-	1.7E+08	1.7E+08	1267
ENSG0000(	1.669842	5.228035	-1.4548	0.21246	0.30302	RP11-355F	chr2	+	75381516	75417075	3414
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-171I	chr2	+	1.79E+08	1.79E+08	2117
ENSG0000(	3.206105	2.725702	0.19052	0.87676	0.91429	RP5-1021I	chr14	-	74307223	74307312	90
ENSG0000(	0.923144	0	1.223	0.49292	NA	RP5-1147A	chr7	+	40155284	40155542	259
ENSG0000(	1.774324	0	2.0349	0.24308	NA	RP11-712B	chr11	+	94878601	94879168	568
ENSG0000(	27.01494	23.70989	0.1849	0.65466	0.73962	RP11-1186	chr16	-	15198580	15225458	2902
ENSG0000(	31.21274	0.357707	5.7254	1.28E-07	4.94E-07	RP11-811P	chr13	-	1.03E+08	1.03E+08	459
ENSG0000(	3.600075	4.363714	-0.24767	0.78779	0.84828	RP11-568G	chr1	+	2.2E+08	2.2E+08	665
ENSG0000(	6.451659	5.378559	0.26528	0.73541	0.80482	RP11-51F1	chr17	-	61688132	61688544	413
ENSG0000(	9.895825	5.972588	0.70036	0.31304	0.41529	RP11-348N	chr10	+	1.13E+08	1.13E+08	1649
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	RP11-73M	chr14	+	1.04E+08	1.04E+08	345
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	RP11-324C	chr10	-	1.14E+08	1.14E+08	551
ENSG0000(	1.390706	0	1.6954	0.33813	NA	HCG17	chr6	-	30201816	30293911	732
ENSG0000(	9.323782	36.25567	-1.8852	0.00363	0.008263	RP5-1092A	chr1	-	28566020	28567964	1945
ENSG0000(	1.628766	4.181636	-1.2289	0.24752	0.34361	RP11-713H	chr17	+	8463789	8464280	492
ENSG0000(	4.221753	2.575179	0.64445	0.5124	0.61552	RP11-359E	chr11	-	19732480	19734165	1686
ENSG0000(	2.229907	7.790261	-1.6443	0.076591	0.12874	CTC-325H2	chr19	-	9458782	9459379	598
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-316N	chr10	-	1.02E+08	1.02E+08	608
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	LOC40191	chr19	+	35357256	35357823	568
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-26F2	chr15	+	23116383	23116940	254
ENSG0000(	0.685084	2.027273	-1.2005	0.42783	0.53316	RP3-466P1	chr6	+	1.46E+08	1.46E+08	1649
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-307I	chr9	-	4768617	4769895	1279
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP11-373D	chr2	+	28619682	28619977	296
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	TSIX	chrX	+	73012040	73049066	37027
ENSG0000(	0.36308	0.654722	-0.52647	0.7643	NA	DPRXP5	chr21	+	38315567	38316425	539
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP1-20N2.	chr6	+	1.44E+08	1.44E+08	357
ENSG0000(	0.705622	7.233491	-2.955	0.013237	0.027146	RP11-105N	chr2	+	2.14E+08	2.14E+08	690
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-53C1	chr4	+	73672984	73673909	926
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	XXbac-BPG	chr6	-	27482818	27483053	236
ENSG0000(	12.3955	20.97532	-0.74167	0.14839	0.22498	RP11-16E1	chr8	-	64080284	64081001	718
ENSG0000(	47.58516	946.6151	-4.3016	4.27E-131	3.93E-129	RP11-216F	chr3	+	38532215	38534633	2419
ENSG0000(	1.068702	0.640152	0.49176	0.76049	NA	CTC-512J1	chr19	+	44794234	44795064	526
ENSG0000(	5.632997	6.520493	-0.21176	0.77653	0.83945	RP11-372K	chr4	+	1.52E+08	1.52E+08	1113
ENSG0000(	0.685084	1.652581	-0.9784	0.5202	0.62293	KB-1907C4	chr8	-	98800438	98800585	148
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-507D	chr9	+	88843730	88843898	169
ENSG0000(	0.995923	0	1.4959	0.39264	NA	RP11-712B	chr11	+	94876801	94878289	1489
ENSG0000(	1.016461	1.294874	-0.29777	0.83702	0.88567	RP11-349G	chr15	+	65750912	65751872	485
ENSG0000(	0.632843	0.343138	0.49756	0.77728	NA	RP11-89F1	chr3	+	51469985	51470468	484
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-535E	chr7	+	72187850	72188054	205
ENSG0000(	147.7701	201.1616	-0.44659	0.026618	0.051047	RP11-342K	chr2	+	75887588	75889334	1747
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-107F	chr15	-	42010568	42010870	303
ENSG0000(	42.15852	280.8954	-2.7197	1.52E-35	2.35E-34	RP11-701H	chr15	+	25230011	25230320	310
ENSG0000(	0	0.98329	-1.2878	0.47019	NA	RP11-736N	chr14	+	1.04E+08	1.04E+08	42
ENSG0000(	0.580602	3.169208	-1.8978	0.17781	0.26153	CTD-2301A	chr5	-	1.77E+08	1.77E+08	1009
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-293G	chr1	+	2.36E+08	2.36E+08	708
ENSG0000(	2.770247	3.6483	-0.38496	0.70495	0.78064	RP11-46A1	chr1	+	1.81E+08	1.81E+08	411
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-378I	chr9	-	19957392	19958145	754

ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-506K	chr14	-	39442603	39443289	687
ENSG0000(	2.104887	1.638012	0.32525	0.80756	0.86414	RP11-84C1	chr4	+	90040435	90041022	588
ENSG0000(	1.016461	0.640152	0.45247	0.77949	NA	RP11-401N	chr2	-	70100697	70100951	255
ENSG0000(	35.47899	22.28477	0.65561	0.098726	0.15974	RP4-657E1	chr1	+	19623574	19624397	525
ENSG0000(	1.649304	3.117379	-0.76675	0.55117	0.65079	RP11-231P	chr1	-	26589532	26589889	358
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-719K	chr16	-	14956237	14956606	370
ENSG0000(	1.649304	4.495636	-1.3027	0.23618	0.3302	RP11-608C	chr3	-	16316567	16318139	1092
ENSG0000(	1.286224	1.370136	-0.05085	0.97141	0.98426	RP4-802A1	chr1	+	61590405	61590874	470
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-461L	chr4	-	1.53E+08	1.53E+08	501
ENSG0000(	1.016461	0	1.3167	0.46021	NA	RP11-461L	chr4	+	1.53E+08	1.53E+08	372
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-138E	chr9	+	1.33E+08	1.33E+08	369
ENSG0000(	9.649206	7.094248	0.41504	0.60106	0.69476	AD001527.	chr19	-	36634983	36639250	379
ENSG0000(	1.555988	12.52222	-2.762	0.001624	0.003894	RP11-385F	chr6	-	47444979	47445308	330
ENSG0000(	0.290301	0	0.4146	0.81455	NA	CTB-152G1	chr7	+	1.05E+08	1.05E+08	365
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-733D	chr10	-	44983783	44983893	111
ENSG0000(	0.36308	0.98329	-0.93796	0.58624	NA	RP11-332H	chr3	-	57785783	57787175	1070
ENSG0000(	0.653381	2.261179	-1.3841	0.35194	0.45606	RP13-685P	chr3	+	1.29E+08	1.29E+08	754
ENSG0000(	0.72616	1.309443	-0.61368	0.71013	0.78467	RP4-590F2	chr1	-	1.15E+08	1.15E+08	565
ENSG0000(	0.36308	2.96444	-2.3798	0.10651	0.17028	RP11-501C	chr17	+	46976493	46977110	301
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	RP11-500K	chr3	-	1.21E+08	1.21E+08	201
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	RP11-58E2	chr14	+	50517086	50518054	969
ENSG0000(	0.36308	0	0.4146	0.81455	NA	DPRXP6	chrX	+	40617736	40618303	568
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-103J	chr20	+	10653576	10975572	558
ENSG0000(	0.342542	0.357707	-0.0021	0.99906	NA	RP5-1173I	chr7	-	39828566	39828903	338
ENSG0000(	0.995923	0.654722	0.44529	0.7735	NA	RP11-451F	chr2	+	1.75E+08	1.75E+08	835
ENSG0000(	2.32241	1.935026	0.23215	0.87066	0.90976	AC005776.	chr19	+	15449742	15450048	307
ENSG0000(	17.41798	7.769244	1.1221	0.047733	0.085451	CTD-2583A	chr19	+	58379253	58380202	891
ENSG0000(	10.84049	1.698704	2.5035	0.006927	0.01501	RP11-574K	chr10	-	75500296	75500581	286
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-84N7	chr13	-	42755601	42756057	457
ENSG0000(	2.551911	0.700845	1.5653	0.25296	0.34982	RP11-274B	chr7	+	1.28E+08	1.28E+08	585
ENSG0000(	0.705622	1.416259	-0.74205	0.63826	0.72626	NANOGNB	chrX	-	1.01E+08	1.01E+08	487
ENSG0000(	22.22294	15.46397	0.51842	0.28671	0.38829	RP11-355B	chr2	+	61698323	61711265	569
ENSG0000(	7.842365	2.696564	1.4653	0.080459	0.13421	RP11-730B	chr7	-	5048795	5048959	165
ENSG0000(	12.05214	1.949596	2.4543	0.004841	0.010804	hsa-mir-33	chr7	-	1.3E+08	1.3E+08	2634
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	NF1P1	chr15	-	21122015	21140987	2645
ENSG0000(	0.342542	1.713273	-1.6507	0.29668	0.39869	RP1-168P1	chr16	+	89525278	89525845	568
ENSG0000(	0.975385	0.640152	0.42301	0.79383	NA	CTC-571O2	chr5	-	1.75E+08	1.75E+08	598
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	RP11-57B2	chr4	+	83696614	83697254	360
ENSG0000(	0	1.043983	-1.3473	0.44976	NA	RP11-674I	chr2	-	28118983	28120062	1080
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-757G	chr12	+	12401925	12402361	437
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	KB-1589B1	chr8	-	98865249	98865481	233
ENSG0000(	1.919068	0	2.4151	0.13977	0.21349	RP11-434C	chr12	+	11665657	11667070	1414
ENSG0000(	0.290301	0	0.4146	0.81455	NA	GS1-531I17	chr17	+	63651032	63651513	482
ENSG0000(	0.943682	7.893045	-2.7173	0.010417	0.021817	RP11-420K	chr10	-	88614453	88615993	1168
ENSG0000(	0	2.200487	-2.3588	0.16874	0.25044	CTC-523E2	chr19	-	35414203	35417716	625
ENSG0000(	4.543757	12.24219	-1.3656	0.045327	0.081599	CTD-2302E	chr14	-	64060749	64062009	1261
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-255E	chr3	+	1.14E+08	1.14E+08	619
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-461L	chr4	-	1.53E+08	1.53E+08	463
ENSG0000(	7.427045	8.506475	-0.17892	0.85131	0.89543	RP3-468K1	chr6	-	1.44E+08	1.44E+08	628
ENSG0000(	0.36308	1.248751	-1.1986	0.48045	NA	RP11-311B	chr2	+	1.6E+08	1.6E+08	797
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	XXbac-BPG	chr6	-	29731035	29731169	135
ENSG0000(	3.82697	4.020576	-0.04798	0.96128	0.977	ASB3	chr2	-	53897430	54087297	2113
ENSG0000(	1.08924	0.951736	0.10279	0.95077	0.96921	NUDT19P4	chr6	+	44866448	44867032	585
ENSG0000(	1.048164	0	1.348	0.44949	NA	RP11-592P	chr3	+	1.22E+08	1.22E+08	240
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-338C	chr10	-	1.25E+08	1.25E+08	165
ENSG0000(	6.337805	7.131508	-0.15353	0.84602	0.89199	RP1-69B10	chr11	-	32613339	32614317	979
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	CTC-224D3	chr5	+	1.51E+08	1.51E+08	355
ENSG0000(	0	4.020576	-3.521	0.016426	0.033004	RP11-628E	chr8	+	56449431	56454613	5183
ENSG0000(	0.870904	0	1.046	0.5544	NA	RP11-272L	chr1	+	98321131	98322381	1251
ENSG0000(	1.048164	0.357707	0.98599	0.56649	NA	RP5-1077B	chr1	-	12077273	12077365	93
ENSG0000(	1.233984	0.343138	1.1864	0.48571	NA	RP11-27M	chr2	-	2.03E+08	2.03E+08	332
ENSG0000(	4.616536	2.041842	1.0914	0.27646	0.37672	RP11-27I1.	chr9	-	1.24E+08	1.24E+08	371
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-379K	chr15	-	80872370	80872907	538
ENSG0000(	0	1.340997	-1.8899	0.26871	NA	RP11-304N	chr11	+	123312	126123	2741
ENSG0000(	1.048164	5.459525	-2.0899	0.086669	0.14315	TAS2R6	chr7	+	1.41E+08	1.41E+08	826

ENSG0000(	1.681007	6.376418	-1.7678	0.074919	0.12637	RP11-551L	chr12	-	31258039	31259764	675
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTD-2514A	chr11	+	59665658	59666606	949
ENSG0000(	2.624689	13.52411	-2.2276	0.005761	0.012668	CTD-2227E	chr7	-	25988277	25989023	747
ENSG0000(	0.72616	14.40058	-3.9399	0.000208	0.000569	RP11-45P1	chr14	+	1.04E+08	1.04E+08	643
ENSG0000(	1.265686	3.336716	-1.1922	0.31634	0.41904	RP5-966M:	chr3	+	52768751	52769029	279
ENSG0000(	1.681007	5.31545	-1.5148	0.1447	0.22004	RP11-460N	chr7	-	64402521	64403304	784
ENSG0000(	60.9963	55.18821	0.14378	0.64055	0.72764	RP11-288H	chr6	+	1.61E+08	1.61E+08	3131
ENSG0000(	0	1.40169	-1.7271	0.32809	NA	RP1-309F2	chr20	-	57451647	57452036	390
ENSG0000(	2.31385	0	2.6622	0.097433	0.15798	RP11-2E11	chr7	+	1.3E+08	1.3E+08	623
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-261B	chr15	+	30574736	30580592	2098
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-65L3	chr2	+	1.79E+08	1.79E+08	675
ENSG0000(	26.71446	2.918317	3.0611	3.44E-06	1.16E-05	LPP-AS2	chr3	-	1.88E+08	1.88E+08	2852
ENSG0000(	1.411244	2.292733	-0.6299	0.62123	0.71181	RP11-403I:	chr1	+	1.49E+08	1.49E+08	296
ENSG0000(	2.604151	5.303297	-0.93722	0.33116	0.43435	RP11-502I4	chr15	-	67833410	67834942	1533
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-62H7	chr8	-	8791231	8791516	286
ENSG0000(	0.653381	0.343138	0.51863	0.76794	NA	RP11-723P	chr14	+	69328479	69329242	447
ENSG0000(	0.632843	0	0.81931	0.64303	NA	RP11-550I:	chr3	-	1.57E+08	1.57E+08	889
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-137J	chr6	+	1.42E+08	1.42E+08	337
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-123C	chr15	+	58964495	58965132	638
ENSG0000(	0.632843	0.937167	-0.40344	0.80349	NA	RP3-467N1	chr6	+	1.01E+08	1.01E+08	736
ENSG0000(	0	2.575179	-2.8423	0.071415	0.1212	RP11-439C	chr8	+	1922984	1923480	497
ENSG0000(	3.423628	1.40169	1.1322	0.35111	0.45545	RP11-1112	chr17	-	73056586	73056715	130
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	RP11-293B	chr1	-	1.84E+08	1.84E+08	936
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-29B1	chr9	-	1.03E+08	1.03E+08	466
ENSG0000(	1.306762	1.234181	0.043094	0.9771	0.98699	RP11-342K	chr2	+	75946246	75947144	899
ENSG0000(	0.923144	0.594029	0.399	0.81445	NA	RP11-599B	chr17	-	8102441	8102755	315
ENSG0000(	12.04439	1.029414	3.239	0.001542	0.003715	RP11-346C	chr16	+	73094279	73096215	1937
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CTC-539A1	chr19	-	10708677	10709641	965
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	RP11-717A	chr2	-	85587921	85588048	128
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	RP11-60E8	chr12	+	51150675	51151216	193
ENSG0000(	9.087514	4.039977	1.1032	0.21257	0.30314	RP11-10C2	chr3	-	33838641	33839173	533
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP5-878I13	chrX	-	1.15E+08	1.15E+08	462
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-142I:	chr11	-	1.21E+08	1.21E+08	772
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	RP11-708L	chr11	-	1.12E+08	1.12E+08	237
ENSG0000(	4.709852	26.20168	-2.4172	5.20E-05	0.000154	CTD-2527I:	chr19	-	35505865	35516239	526
ENSG0000(	5.996077	4.288452	0.45078	0.57467	0.67168	RP5-933K2	chr6	+	1.58E+08	1.58E+08	514
ENSG0000(	2.157942	2.947455	-0.42158	0.73263	0.80242	MTRNR2L2	chr5	-	79945819	79946855	1037
ENSG0000(	0.290301	0.686276	-0.47648	0.78935	NA	RP11-1113	chr5	+	68645763	68646272	510
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	CTD-2342N	chr8	+	1.36E+08	1.36E+08	382
ENSG0000(	1.774324	0.715414	0.93655	0.56276	0.66097	CTD-2553L	chr19	+	35125749	35126622	874
ENSG0000(	0	1618.258	-11.812	1.15E-28	1.39E-27	RP11-301L	chr3	+	32938576	32939318	743
ENSG0000(	0.580602	0.640152	-0.06311	0.97099	NA	RP11-479I:	chr3	-	1.61E+08	1.61E+08	237
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-747H	chr4	-	9022583	9022887	305
ENSG0000(	0.705622	0.594029	0.11178	0.94848	NA	RP11-567L	chr17	+	57358491	57358704	214
ENSG0000(	7.813268	2.947455	1.2998	0.13934	0.21307	RP11-792A	chr7	-	66213825	66214064	240
ENSG0000(	0	1.309443	-1.6539	0.35008	NA	RP11-607P	chr12	-	51815740	51818395	347
ENSG0000(	0.290301	0.297015	-0.00202	0.99909	NA	RP11-457N	chr6	-	26612131	26613337	1207
ENSG0000(	15.66501	2.292733	2.6287	0.000477	0.001243	RP11-589N	chr14	+	53338176	53338935	760
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	AC096553.	chr7	+	9673900	9675333	829
ENSG0000(	0.36308	0.357707	-0.00212	0.99905	NA	RP13-395E	chr15	-	32542503	32548326	2059
ENSG0000(	1.213446	2.200487	-0.66598	0.64371	0.73072	RP11-13B9	chr9	-	1.02E+08	1.02E+08	2133
ENSG0000(	0	0.654722	-0.83442	0.63731	NA	TMEM56	chr1	+	95583479	95712781	1491
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP5-1125K	chr7	+	2327550	2328063	224
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-697H	chr11	-	63466068	63466236	169
ENSG0000(	1.576526	2.558194	-0.58301	0.65093	0.73665	SCML2P2	chr16	+	25080891	25081430	540
ENSG0000(	0	54.78519	-7.3399	3.49E-11	1.79E-10	CTC-523E2:	chr19	-	35340182	35351480	570
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	RP11-159H	chr8	+	70706297	70706969	673
ENSG0000(	0	4.931021	-3.7514	0.01078	0.022498	CTD-2012J	chr5	+	1594741	1611582	1661
ENSG0000(	91.57089	40.80139	1.154	3.32E-05	0.0001	RP11-379H	chr7	+	35734824	35739023	4200
ENSG0000(	0.72616	0	0.85004	0.63064	NA	CTB-113I2(	chr5	-	1.33E+08	1.33E+08	127
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-33A1	chr3	-	1.78E+08	1.78E+08	484
ENSG0000(	7.199171	17.27036	-1.2217	0.096287	0.15645	CTA-293F1	chr7	-	20367922	20371370	737
ENSG0000(	0.943682	1.188058	-0.24043	0.88441	0.91933	RP5-966M:	chr3	+	52787542	52788706	884
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	IGLVIVOR2	chr22	-	25833273	25833790	397
ENSG0000(	0.632843	0	0.81931	0.64303	NA	RP11-479F	chr2	+	61476915	61477756	397

ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-401N	chr8	-	50819423	50820006	584
ENSG0000(	4.119877	1.355566	1.4001	0.23871	0.33333	RP11-394I	chr2	+	1.75E+08	1.75E+08	1068
ENSG0000(	1.753786	0.937167	0.66042	0.65879	0.74287	ABC7-4304	chr2	-	2.43E+08	2.43E+08	454
ENSG0000(	1.451506	1.012429	0.39118	0.81108	0.86704	RP11-435C	chr9	+	98268517	98269918	1402
ENSG0000(	1.359003	0	1.8987	0.26617	NA	RP11-642C	chr8	-	89820547	89821137	591
ENSG0000(	12.78091	14.0704	-0.13819	0.79465	0.8543	RP11-708J	chr3	+	47541331	47541897	567
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-409C	chr9	+	74419199	74419742	544
ENSG0000(	0	1.248751	-1.5848	0.37202	NA	CTC-523E2	chr19	-	35395296	35395961	458
ENSG0000(	0.72616	0.640152	0.083249	0.96152	NA	RP11-660N	chr4	+	25222025	25222535	511
ENSG0000(	1.068702	1.058552	0.006167	0.99686	0.99826	CTA-221G9	chr22	-	25575276	25575521	246
ENSG0000(	0.653381	1.370136	-0.76661	0.62804	0.71784	RP5-855F1	chr7	+	10980050	10980362	313
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP11-524F	chr13	+	59836814	59837525	712
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-436N	chr14	+	1E+08	1E+08	850
ENSG0000(	2.023549	1.995719	0.010266	0.99319	0.99643	RP13-216E	chrX	-	73177894	73189320	347
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-430G	chr1	-	62207670	62208096	427
ENSG0000(	3.423628	0.654722	1.9728	0.13174	0.20397	RP11-138A	chr7	-	1.31E+08	1.31E+08	1998
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP1-142L7	chr6	-	1.13E+08	1.13E+08	594
ENSG0000(	1.027626	0.297015	0.84706	0.63368	NA	RP11-180N	chr12	-	12767293	12768841	396
ENSG0000(	0	17.49782	-5.6219	9.07E-06	2.93E-05	RP11-366C	chr13	-	43384502	43386698	760
ENSG0000(	2.282147	1.355566	0.66828	0.58255	0.67866	RP3-523E1	chr6	-	53783772	53785586	456
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-1072	chr17	+	42673714	42674712	325
ENSG0000(	2.718006	0	2.9226	0.060365	0.10495	RP11-460N	chr9	-	69823283	69823847	565
ENSG0000(	0.632843	0.357707	0.4993	0.77637	NA	RP1-152L7	chr6	+	52553459	52553796	338
ENSG0000(	1.068702	3.685559	-1.4723	0.29816	0.40002	CTC-336P1	chr2	+	32238130	32238437	308
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP5-894D1	chr6	-	1.71E+08	1.71E+08	500
ENSG0000(	1.411244	1.430828	-0.01203	0.99403	0.99669	RP11-532F	chr15	+	41052795	41053072	278
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-140C	chr10	+	50759354	50760698	607
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-457D	chr13	+	51770017	51770217	201
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-424I	chr3	-	1.09E+08	1.09E+08	763
ENSG0000(	0.705622	0.297015	0.56864	0.74638	NA	RP11-286B	chr1	+	96208652	96225026	287
ENSG0000(	0.72616	0	0.85004	0.63064	NA	CTD-2320J	chr7	+	12725262	12725658	397
ENSG0000(	4.762093	0.640152	2.44	0.047806	0.085564	RP11-1109	chr12	+	89765597	89766136	540
ENSG0000(	0	0.700845	-0.87835	0.62047	NA	RP11-558F	chr1	+	9840880	9841298	246
ENSG0000(	1.89853	0.357707	1.6975	0.29865	0.40041	RP11-230C	chr6	-	1.57E+08	1.57E+08	446
ENSG0000(	3.092251	4.692283	-0.56908	0.55504	0.65431	RP11-29H2	chr1	-	1.56E+08	1.56E+08	257
ENSG0000(	11.22231	19.96618	-0.79612	0.24904	0.34537	AL449209.	chr3	+	1.3E+08	1.3E+08	3496
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-510P	chr12	-	43323651	43324382	732
ENSG0000(	0	0.951736	-1.2555	0.48145	NA	AC007326.	chr22	-	18984651	18985108	458
ENSG0000(	0.36308	1.372552	-1.1173	0.52587	NA	RP13-339P	chr4	+	39934074	39935181	632
ENSG0000(	0.36308	0.937167	-0.90039	0.60194	NA	CTC-412M1	chr19	-	19810012	19810218	207
ENSG0000(	0.342542	0.891044	-0.73092	0.68123	NA	RP11-248N	chr13	+	68364539	68364926	388
ENSG0000(	12.49998	20.59418	-0.7114	0.19295	0.28027	SRXN1	chr20	-	627259	634014	2698
ENSG0000(	0.290301	0	0.4146	0.81455	NA	AP003900.	chr21	+	11169720	11184046	859
ENSG0000(	1.286224	1.888903	-0.47697	0.71154	0.78598	RP11-435C	chr9	+	98257206	98257661	456
ENSG0000(	0.632843	0	0.81931	0.64303	NA	AP000654.	chr11	-	86532185	86532770	586
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTAGE6	chr7	-	1.43E+08	1.43E+08	2608
ENSG0000(	2.31385	0	2.6622	0.097433	0.15798	RP11-10C2	chr3	-	33835136	33835637	502
ENSG0000(	16.66012	3.008147	2.3805	0.000697	0.00177	RP11-1109	chr12	+	89761584	89763078	1495
ENSG0000(	0.342542	1.485073	-1.2139	0.48947	NA	RP11-797J	chr11	-	28166454	28166751	298
ENSG0000(	13.94292	0	5.4324	6.59E-06	2.16E-05	CTD-2078B	chr5	+	39520533	39524810	599
ENSG0000(	15.77805	11.81493	0.39129	0.49969	0.60339	RP11-324I	chr10	-	35603480	35625329	1107
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP11-197L	chr13	-	37378335	37379439	1105
ENSG0000(	20.85179	33.17709	-0.6728	0.13603	0.20909	RP11-474P	chr9	-	1.28E+08	1.28E+08	888
ENSG0000(	1.265686	0	1.6147	0.36215	NA	RP11-274B	chr7	+	1.28E+08	1.28E+08	1267
ENSG0000(	20.1976	112.465	-2.4513	8.88E-11	4.40E-10	RP11-701H	chr15	+	25236633	25236900	268
ENSG0000(	1.016461	0.343138	0.95782	0.57832	NA	CTD-2384B	chr11	-	47062578	47063496	919
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-843B	chr12	-	32253419	32253669	251
ENSG0000(	19.86622	29.49228	-0.56	0.1769	0.26046	RP11-84C1	chr4	+	90032651	90033519	686
ENSG0000(	14.90894	6.442816	1.1516	0.082155	0.13665	HTATSF1P2	chr6	-	3023376	3024006	631
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-81A1	chr15	+	80276493	80278066	948
ENSG0000(	0	10.56047	-4.9982	7.93E-05	0.000229	AC002128.	chr19	-	35742343	35744542	618
ENSG0000(	1.669842	0.686276	0.91057	0.57469	0.67168	RP3-483K1	chr6	+	53214956	53215503	548
ENSG0000(	22.63565	23.90895	-0.06865	0.87367	0.91193	RP11-350D	chr11	+	34731147	34731708	562
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-253I	chr12	-	12605037	12605415	379
ENSG0000(	0.342542	0	0.4146	0.81455	NA	CTD-2284C	chr5	+	37130532	37130802	271

ENSG0000(	0.342542	0.297015	-0.00202	0.99909	NA	RP11-307C	chr1	+	1.55E+08	1.55E+08	799
ENSG0000(	0.36308	0	0.4146	0.81455	NA	RP11-1060	chr12	+	94338817	94341589	2773
ENSG0000(	0.705622	1.294874	-0.71528	0.63274	0.72172	RP11-435C	chr9	-	98169272	98169944	673
ENSG0000(	2.572449	3.054271	-0.2011	0.84655	0.89236	RP11-382D	chr1	-	1.84E+08	1.84E+08	952
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-89C3	chr11	-	1.11E+08	1.11E+08	499
ENSG0000(	5.737478	1.029414	2.1583	0.073784	0.12473	RP11-697E	chr15	-	90827608	90828812	894
ENSG0000(	0.290301	1.355566	-1.3811	0.39332	NA	RP5-1092A	chr1	+	28573655	28574079	425
ENSG0000(	0.290301	0	0.4146	0.81455	NA	RP13-266I	chrX	+	1.12E+08	1.12E+08	829
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-171I	chr2	+	1.8E+08	1.8E+08	463
ENSG0000(	0.580602	0.297015	0.36801	0.83644	NA	RP11-432J	chr10	+	72689682	72691814	1963
ENSG0000(	0.36308	4.472946	-2.8909	0.042758	0.077678	RP11-506H	chr5	-	54652136	54653351	1216
ENSG0000(	0	1.591889	-2.1342	0.20414	NA	AP000892.	chr11	-	1.17E+08	1.17E+08	376
ENSG0000(	0.923144	0.98329	-0.04766	0.97585	0.9865	RP11-751K	chr7	+	1.35E+08	1.35E+08	445
ENSG0000(	0.632843	0.937167	-0.40344	0.80349	NA	RP11-305E	chr1	+	1.01E+08	1.01E+08	236
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-909M	chr14	+	1.01E+08	1.01E+08	1004
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP5-1057J	chr1	-	23704873	23705522	650
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP1-269O5	chrX	+	1.11E+08	1.11E+08	358
ENSG0000(	0.705622	0.297015	0.56864	0.74638	NA	RP11-647C	chr14	-	39839483	39839960	478
ENSG0000(	0.943682	0.297015	0.89158	0.60669	NA	RP11-188D	chr1	-	1.18E+08	1.18E+08	575
ENSG0000(	0.705622	0.640152	0.062329	0.97007	NA	RP1-224A6	chr1	-	22394833	22395320	488
ENSG0000(	148.4262	42.56562	1.7891	1.09E-10	5.37E-10	RP3-368A4	chrX	-	73420064	73461983	3897
ENSG0000(	0	3.774517	-2.6958	0.1237	0.19381	RP13-238F	chr10	+	1.26E+08	1.26E+08	1359
ENSG0000(	0.705622	1.98115	-1.2292	0.3862	0.49045	RP11-295B	chr13	+	99205497	99206034	538
ENSG0000(	0.653381	0	0.82678	0.64037	NA	RP11-541E	chr2	-	38762400	38763391	570
ENSG0000(	9.233071	7.73769	0.23303	0.73237	0.80225	RP11-342K	chr2	+	75897115	75897580	466
ENSG0000(	0.685084	0.640152	0.044759	0.97934	NA	RP11-290L	chr9	+	39159068	39160316	1249
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	FAM22D	chr10	+	89124746	89126248	1018
ENSG0000(	9.700633	2.482932	1.7908	0.043629	0.079026	RP11-710C	chr4	+	96470280	96473608	3329
ENSG0000(	0.342542	0.343138	-0.00208	0.99906	NA	CTB-152G1	chr7	+	1.05E+08	1.05E+08	260
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-384A	chr3	+	1.94E+08	1.94E+08	163
ENSG0000(	0	1.545765	-1.8556	0.29195	NA	RP11-132J	chr14	+	56013392	56014841	1120
ENSG0000(	0	0.686276	-0.84936	0.6309	NA	RP1-55C23	chr6	+	1.33E+08	1.33E+08	799
ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-60E8	chr12	-	51200118	51200220	103
ENSG0000(	0	0.594029	-0.81444	0.64499	NA	CTB-23I7.3	chr5	+	1.51E+08	1.51E+08	1376
ENSG0000(	0.685084	0.357707	0.4822	0.78686	NA	CTC-559E9.	chr19	+	19861427	19863353	1927
ENSG0000(	2.821674	5.721697	-0.90276	0.37113	0.47552	RP11-288K	chr12	-	1804996	1807210	1979
ENSG0000(	1.742621	1.727843	0.006357	0.99658	0.99809	RP11-712C	chr14	+	64828110	64828355	246
ENSG0000(	6.504714	152.7038	-4.4915	3.22E-19	2.60E-18	CTC-260E6.	chr19	+	20332678	20333272	595
ENSG0000(	0.290301	0.594029	-0.38058	0.83094	NA	RP11-7G12	chr1	-	1.66E+08	1.66E+08	535
ENSG0000(	694.2446	116.3455	2.5547	2.29E-14	1.44E-13	RP11-274B	chr7	-	1.28E+08	1.28E+08	2732
ENSG0000(	0	0.640152	-0.82869	0.63935	NA	RP11-426K	chr2	+	1.02E+08	1.02E+08	279
ENSG0000(	115.3704	49.93573	1.1945	0.003039	0.006998	RP3-368A4	chrX	-	73429811	73433495	3685
ENSG0000(	2.914991	1.730259	0.67089	0.58705	0.6827	RP11-365F	chr7	-	1.39E+08	1.39E+08	586
ENSG0000(	0.685084	0	0.85004	0.63064	NA	RP11-326I	chr4	-	1.85E+08	1.85E+08	1059
ENSG0000(	0.705622	1.355566	-0.75056	0.61553	0.70721	RP11-692M	chr11	+	47817721	47817931	211
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP4-725K1	chr1	-	1.45E+08	1.45E+08	529
ENSG0000(	1.265686	0	1.6147	0.36215	NA	RP11-579D	chr12	-	49194359	49194869	511
ENSG0000(	7.655732	6.566617	0.22108	0.76656	0.83117	RP11-561M	chr7	-	64139332	64147771	563
ENSG0000(	5.975539	9.338442	-0.62111	0.35937	0.46351	RP11-230C	chr6	-	1.57E+08	1.57E+08	718
ENSG0000(	6.463638	0.343138	3.4849	0.007627	0.016382	RP11-274B	chr7	+	1.28E+08	1.28E+08	1114
ENSG0000(	2.604151	3.38284	-0.32648	0.75581	0.82246	RP4-665N4	chr1	-	36457710	36479231	385
ENSG0000(	1.431782	2.618886	-0.73039	0.60419	0.69752	CTD-3214K	chr8	+	53635463	53635701	239
ENSG0000(	2.613524	2.529055	0.027597	0.98186	0.98993	RP11-692M	chr11	+	47862876	47863234	359
ENSG0000(	22.80436	59.62813	-1.3726	0.002175	0.005116	RP11-486G	chr1	-	84542014	84543614	1601
ENSG0000(	7.385969	8.309028	-0.14903	0.83062	0.88058	RP11-536L	chr1	+	2.05E+08	2.05E+08	784
ENSG0000(	0	2.232041	-2.63	0.10215	0.16421	RP11-89C3	chr11	-	1.11E+08	1.11E+08	508
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-52M1	chr7	+	44640631	44641086	456
ENSG0000(	0.290301	0	0.4146	0.81455	NA	GS1-531I17	chr17	+	63640426	63640735	310
ENSG0000(	21.55839	0	6.0506	1.93E-07	7.36E-07	RP11-181E	chr2	-	1.12E+08	1.12E+08	1482
ENSG0000(	0.653381	0	0.82678	0.64037	NA	CTD-2542C	chr19	-	21208721	21208847	127
ENSG0000(	8.860618	0	4.7084	0.000331	0.00088	MILR1	chr17	+	62461569	62464760	631
ENSG0000(	1.265686	0	1.6147	0.36215	NA	RP3-418A9	chr6	+	1.11E+08	1.11E+08	311
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	KB-1980E6	chr8	+	1.03E+08	1.03E+08	302
ENSG0000(	30.1552	10.71099	1.479	0.001865	0.004432	RP11-591M	chr12	+	90102736	90106367	3632
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTD-2026C	chr2	+	57982563	57993187	1099

ENSG0000(	0.342542	0	0.4146	0.81455	NA	RP11-175G	chr1	+	72203856	72204037	182
ENSG0000(	0	0.357707	-0.41864	0.81278	NA	RP11-60E8	chr12	-	51241708	51242095	388
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	RP11-435I	chr16	+	28376021	28376654	634
ENSG0000(	0.342542	0.686276	-0.48412	0.78604	NA	RP11-3K24	chr17	+	58393195	58393576	382
ENSG0000(	0.705622	0	0.8807	0.6196	NA	RP11-408C	chr9	+	1.16E+08	1.16E+08	610
ENSG0000(	0.36308	0.297015	-0.00205	0.99908	NA	RP11-289A	chr2	+	2.34E+08	2.34E+08	1551
ENSG0000(	0.290301	0.343138	-0.00202	0.99909	NA	RP11-66E2	chr12	-	47075854	47076496	643
ENSG0000(	15.53917	4.351561	1.7712	0.012948	0.026596	RP11-10C2	chr3	-	33837180	33838442	1263
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP3-365I19	chr1	-	1.44E+08	1.44E+08	111
ENSG0000(	19.71308	16.62047	0.24379	0.64455	0.7314	RP11-326I	chr4	+	1.85E+08	1.85E+08	2503
ENSG0000(	0	1.66715	-1.9695	0.25993	NA	RP11-168P	chr13	+	54690611	54690986	376
ENSG0000(	0.72616	0	0.85004	0.63064	NA	RP11-259K	chr3	+	37258270	37259479	1210
ENSG0000(	0.342542	3.008147	-2.4289	0.093002	0.15202	RP11-685B	chr8	-	18244618	18245287	670
ENSG0000(	1.068702	0	1.3672	0.44297	NA	RP11-270B	chr2	+	62395997	62398298	395
ENSG0000(	3.339684	2.711133	0.2678	0.81819	0.87233	RP11-435C	chr9	+	98276327	98276802	476
ENSG0000(	0	0.297015	-0.41864	0.81278	NA	RP11-141C	chr3	-	1.95E+08	1.95E+08	1070
ENSG0000(	6.784828	5.984741	0.18	0.82853	0.87924	RP4-800G7	chr7	-	1.49E+08	1.49E+08	1095
ENSG0000(	0	1.012429	-1.3162	0.46038	NA	RP11-95I16	chr10	-	1.23E+08	1.23E+08	625
ENSG0000(	0.580602	0	0.8036	0.6494	NA	RP11-1E1.2	chr4	-	78033648	78034611	964
ENSG0000(	0	0.343138	-0.41864	0.81278	NA	CTD-2230N	chrX	+	1.14E+08	1.14E+08	820
ENSG0000(	0.653381	0	0.82678	0.64037	NA	RP11-1012	chr14	+	68201912	68202067	156
ENSG0000(	0.685084	0.297015	0.4735	0.79064	NA	ATP1B3P1	chr2	-	60962030	60962850	821
ENSG0000(	3.931452	3.604593	0.11258	0.90727	0.93617	RP11-297J	chr2	-	1.22E+08	1.22E+08	708
ENSG0000(	0.36308	0.343138	-0.0021	0.99905	NA	RP11-392C	chr3	-	1.5E+08	1.5E+08	616

GeneType	GeneDescri	CBM_1_rea	CBM_2_rea	CBM_3_rea	WT_1_read	WT_2_read	WT_3_read	CBM_1_fpk	CBM_2_fpk	CBM_3_fpk	WT_1_fpkn
protein_co	tetraspanir	1451	1198	1210	853	912	1154	30.84198	32.65435	31.0319	28.14196
protein_co	tenomodul	2469	1546	1575	53	28	58	86.46113	69.42544	66.54699	2.880754
protein_co	dolichyl-ph	575	494	467	483	587	690	23.22288	25.58494	22.7569	30.2779
protein_co	SCY1-like_3	165	119	136	72	96	71	2.225152	2.057937	2.212904	1.507088
protein_co	chromosor	223	162	165	291	321	283	2.401027	2.236746	2.143504	4.863128
protein_co	Gardner-Ra	15	15	8	5	13	4	0.257732	0.330505	0.16585	0.133345
protein_co	complemer	245	179	167	0	0	0	1.644675	1.540907	1.352628	0
protein_co	fucosidase_	592	561	542	469	551	538	16.42538	19.96025	18.14433	20.19747
protein_co	glutamate-	320	251	277	581	807	858	3.935171	3.95819	4.109996	11.08971
protein_co	nuclear_tra	1429	1016	1086	576	671	581	17.58222	16.0304	16.12201	11.00004
protein_co	sperm-tail_	90	87	96	245	248	98	0.70148	0.869563	0.902801	2.963938
protein_co	NIPA-like_d	242	236	235	207	237	194	2.070313	2.589059	2.425697	2.748662
protein_co	LAS1-like_(	926	753	773	1638	1750	1644	8.342009	8.698893	8.402087	22.90361
protein_co	ectonucleo	37	26	25	43	52	24	0.373023	0.336137	0.304104	0.672873
protein_co	sema_dom	2145	1517	1576	1788	2361	942	26.45426	23.99182	23.4516	34.2268
protein_co	cystic_fibrc	4	12	4	7	7	11	0.030607	0.117748	0.036929	0.083136
protein_co	ankyrin_rep	1782	1486	1473	667	805	608	13.74083	14.69378	13.70428	7.982919
protein_co	cytochrom	115	118	110	49	73	48	1.67986	2.210379	1.938724	1.110969
protein_co	KRIT1_anky	327	254	333	293	318	303	3.219873	3.207259	3.956246	4.478052
protein_co	RAD52_hor	207	147	178	124	135	166	3.434619	3.127771	3.563496	3.193452
pseudogen	myosin_he	7	8	13	11	22	3	0.05215	0.076428	0.116854	0.127197
protein_co	BCL2-assoc	55	34	33	24	46	29	2.228998	1.766995	1.613649	1.509693
protein_co	leucine_am	1154	892	958	1041	1246	1275	24.45146	24.23668	24.49134	34.23578
protein_co	CD99_mole	12498	9346	9609	1093	1320	1073	470.708	451.384	436.6538	63.89424
protein_co	heparan_su	23	10	15	22	33	18	0.134288	0.074872	0.10567	0.199372
protein_co	amiloride_l	0	0	0	0	6	3	0	0	0	0
protein_co	wingless-ty	12	3	8	0	1	8	0.178799	0.057321	0.143821	0
protein_co	HECT_C2_a	594	472	499	89	91	69	4.072623	4.149914	4.127969	0.947127
protein_co	MAD1_mit	1027	785	868	751	932	646	16.10032	15.78131	16.41843	18.27403
protein_co	LIM_and_SI	10159	7834	8445	4398	5134	5008	115.9298	114.6403	116.2765	77.89865
protein_co	sorting_ne	538	364	380	322	460	429	9.230453	8.008506	7.866334	8.574861
protein_co	transmemb	1	2	1	5	2	2	0.022707	0.058237	0.027397	0.176222
protein_co	mannose-6	1020	807	855	1058	1186	1098	17.35407	17.60695	17.55154	27.93942
protein_co	kelch-like_f	4	3	1	127	133	107	0.035183	0.033838	0.010613	1.733828
protein_co	cytochrom	49	17	28	0	2	5	0.485548	0.21602	0.334766	0
protein_co	islet_cell_a	45	30	48	225	320	220	0.858442	0.733887	1.104811	6.662105
protein_co	dysbindin_	938	772	760	1971	2589	2373	15.22424	16.06791	14.88314	49.65351
protein_co	amyotroph	961	835	889	783	917	737	6.782256	7.556951	7.570082	8.57715
protein_co	caspase_10	4	1	4	25	67	38	0.03164	0.010143	0.038175	0.306932
protein_co	CASP8_and	307	269	265	198	197	215	3.260529	3.663627	3.395812	3.263964
protein_co	tissue_fact	164	130	143	49	68	117	0.999995	1.016499	1.052054	0.463746
protein_co	NADH_deh	240	164	173	540	718	546	3.783996	3.315833	3.291043	13.21489
protein_co	RNA_bindi	1395	1319	1305	610	601	758	11.64736	14.12236	13.14655	7.905213
protein_co	myotubula	14	19	14	82	79	53	0.170509	0.296744	0.205729	1.550115
protein_co	solute_carr	187	151	170	430	563	466	1.148001	1.18874	1.259209	4.097318
protein_co	ADP-ribosy	1564	1138	1271	1494	1740	1231	48.59906	45.34639	47.6524	72.05634
protein_co	sterile_alp	240	168	205	24	48	19	1.540745	1.383051	1.587894	0.239145
processed_	polymerase	2022	1597	1586	1631	1994	2230	36.63509	37.10482	34.67108	45.86702
protein_co	plexin_D1	10458	7982	8554	2150	2974	1684	69.05729	67.58992	68.15193	22.03585
protein_co	adenylate_l	1700	1377	1387	1248	1410	1556	22.22895	23.08944	21.88238	25.32883
protein_co	CD38_mole	1	0	1	5	8	1	0.024889	0	0.030029	0.193152
protein_co	FK506_bin	1996	1667	1750	5205	5812	4847	41.28473	44.21543	43.6732	167.1014
protein_co	lysine_(K)-s	4173	3345	3542	5602	7373	5840	63.96602	65.75161	65.50848	133.2829
protein_co	RNA_bindi	1944	1632	1751	1208	1500	1345	21.08099	22.69469	22.9102	20.33256
protein_co	calcium/ca	350	283	303	335	361	150	4.210238	4.365503	4.397737	6.254806
protein_co	RecQ_prote	1292	1092	1083	378	340	491	16.36464	17.73683	16.55086	7.431325
protein_co	coiled-coil_	245	210	189	86	71	161	3.178764	3.493984	2.958708	1.731893
protein_co	heat_shock	3	5	4	18	20	10	0.086089	0.183996	0.138496	0.801736
protein_co	Rho_GTPas	285	198	210	528	683	398	3.036504	2.705226	2.699581	8.731592
protein_co	NADH_deh	748	646	686	1183	1301	1317	39.63134	43.89135	43.85401	97.28645
protein_co	pyruvate_d	1	1	3	0	0	2	0.013112	0.016815	0.047463	0
protein_co	solute_carr	0	0	0	1	0	0	0	0	0	0.036628
protein_co	zinc_finger	15	19	18	3	10	4	0.24287	0.394498	0.351643	0.075393
protein_co	ATP-bindin	3	0	1	4	2	13	0.024208	0	0.009736	0.050098

protein_co	aristaless_r	2	0	0	0	0	4	0.032608	0	0	0
protein_co	solute_carr	502	377	382	883	1055	1164	7.374307	7.101796	6.770627	20.13301
protein_co	suppressior	298	244	248	148	136	185	4.820016	5.060942	4.83985	3.715561
protein_co	cell_divisio	1679	1345	1378	581	704	510	13.57151	13.94149	13.43924	7.289272
protein_co	solute_carr	0	0	0	1	2	1	0	0	0	0.014659
protein_co	calcitonin_	0	0	0	3	4	9	0	0	0	0.059075
protein_co	holocytoch	374	331	319	284	428	589	7.701742	8.740871	7.926037	9.077498
protein_co	dishevelled	2176	1446	1561	1291	1648	1397	33.80804	28.8097	29.26255	31.13278
protein_co	protease_se	0	0	1	11	15	6	0	0	0.040819	0.577617
protein_co	UPF1_regul	3650	2693	2911	3729	5386	4117	32.00235	30.27852	30.79493	50.74717
protein_co	src_kinase_	308	264	261	45	76	74	3.612337	3.970552	3.693398	0.819182
protein_co	solute_carr	3789	2983	3048	5927	5851	5269	139.4555	140.7906	135.3549	338.5917
protein_co	coiled-coil_	808	647	719	243	299	305	16.69037	17.13832	17.91973	7.790966
protein_co	homeobox_	379	268	278	0	0	10	7.743493	7.021693	6.853155	0
protein_co	polymerase	699	532	507	539	678	701	35.16751	34.32302	30.77659	42.09046
protein_co	DEAH_(Asp-	659	548	544	1244	1562	1948	5.500271	5.865277	5.478297	16.11571
protein_co	mesenchyn	460	320	370	1	0	4	7.968012	7.108066	7.732891	0.026886
protein_co	thrombosp	131	74	94	6	10	13	0.962035	0.696884	0.832905	0.068391
protein_co	ligase_III_D	1106	836	997	1548	1726	1309	11.11929	10.77798	12.09386	24.1559
protein_co	RNA_polym	454	354	405	305	235	392	9.128674	9.127765	9.825506	9.518799
protein_co	acyl-CoA_sy	2	3	2	75	69	28	0.032963	0.063406	0.039772	1.918624
protein_co	Putative_RI	67	69	73	121	133	99	1.155436	1.525912	1.518945	3.238822
protein_co	cytokine_ir	773	631	658	1029	1176	1297	16.61136	17.38859	17.06081	34.32191
processed_	signal_pept	1599	1225	1317	1184	1613	1266	19.67387	19.328	19.55128	22.6112
protein_co	family_witl	1151	897	923	132	171	121	9.352003	9.346115	9.048552	1.664691
protein_co	coatomer_	539	386	373	5	2	2	28.36557	26.0495	23.68425	0.408416
protein_co	protein_kir	471	407	411	603	852	693	5.897249	6.5348	6.208954	11.71862
protein_co	male-specif	488	367	444	171	197	244	6.640258	6.403841	7.289473	3.611534
protein_co	CREB_bindi	3353	2569	2847	1786	2449	2934	14.55357	14.29912	14.90979	12.03228
protein_co	benzodiaza	39	29	23	71	86	31	0.239799	0.22866	0.170632	0.677598
protein_co	myelopero:	0	0	0	220	1	0	0	0	0	4.835867
protein_co	paraoxonas	0	0	0	3	4	6	0	0	0	0.085023
protein_co	GC-rich_sec	284	211	256	201	265	267	2.999271	2.85752	3.262011	3.294761
protein_co	WD_repeat	456	348	358	943	872	554	9.075487	8.881651	8.596787	29.13046
protein_co	carnitine_C	136	105	104	43	53	24	2.008517	1.988544	1.853182	0.985679
protein_co	ATP-bindin	5	3	4	22	29	17	0.058321	0.044873	0.056294	0.398297
protein_co	myeloid/ly	1084	896	1006	751	726	379	7.247794	7.682347	8.115636	7.793759
protein_co	rhomboid_	1242	990	972	642	837	796	31.01033	31.69782	29.28189	24.88
protein_co	SRY_(sex_d	2589	1883	1944	439	659	297	29.23146	27.26328	26.48273	7.693314
protein_co	inhibitor_c	1751	1324	1455	439	398	470	13.56201	13.15029	13.59719	5.277557
protein_co	zinc_finger_	317	288	295	715	698	1014	5.004759	5.830768	5.619453	17.52106
protein_co	MYC_bindi	1913	1586	1728	495	449	485	5.97009	6.347145	6.506654	2.397737
protein_co	F-box_and_	787	616	635	161	191	262	10.53453	10.57378	10.25562	3.345004
protein_co	integrin_al	6	6	7	1	2	2	0.053969	0.069208	0.075969	0.013961
protein_co	pyruvate_d	283	182	251	126	147	116	3.857522	3.181286	4.128038	2.665772
protein_co	integrin_al	913	738	765	788	995	629	7.813577	8.09925	7.899299	10.46733
protein_co	zinc_finger_	576	492	483	202	234	359	3.573518	3.914244	3.615503	1.94516
protein_co	lysosomal-a	1895	1560	1702	570	719	545	22.04878	23.27605	23.89367	10.29392
protein_co	gametogen	1360	1149	1203	790	914	719	18.23575	19.75669	19.46249	16.44153
protein_co	integrin_al	13	14	17	233	301	176	0.182889	0.25257	0.288564	5.087817
protein_co	ankyrin_rep	0	0	0	2	0	0	0	0	0	0.038055
protein_co	glycerophо	993	789	826	729	908	832	15.76228	16.0604	15.81969	17.96089
protein_co	chromosor	1047	770	759	648	955	920	19.91637	18.78294	17.42021	19.13238
protein_co	cytokine_re	808	596	715	1364	1632	663	21.14237	19.99853	22.57337	55.39713
protein_co	oxysterol_b	286	233	226	113	160	101	2.982109	3.115464	2.843243	1.828801
protein_co	transmemb	2056	1502	1659	1061	1209	1502	21.74242	20.36873	21.16797	17.41528
protein_co	Y_box_binc	3	2	1	494	620	336	0.030896	0.026413	0.012426	7.8966
processed_	mitogen-ac	546	393	491	62	62	53	5.733919	5.292499	6.221405	1.010604
protein_co	ATP-bindin	0	0	0	12	16	10	0	0	0	0.175338
protein_co	chemokine	0	0	0	2	0	0	0	0	0	0.097429
protein_co	synergin_g	1225	1025	1025	656	799	643	6.980225	7.489736	7.047016	5.801865
protein_co	calcium_ch	0	0	0	0	0	1	0	0	0	0
protein_co	transmemb	5483	3658	4002	1839	2914	2544	64.58125	55.25114	56.87394	33.62021
protein_co	adaptor-rel	7677	6362	6738	4802	5205	4653	59.15771	62.86701	62.6468	57.43445
protein_co	tachykinin_	24	27	17	4	3	14	0.908281	1.310335	0.776258	0.234963

protein_co	zinc_finger_	664	557	598	641	780	1121	8.129235	8.744725	8.83346	12.18064
protein_co	chemokine	115	93	109	16	20	17	0.930357	0.964816	1.063963	0.20091
protein_co	spermatoge	1766	1309	1419	532	688	465	23.39864	22.24072	22.68456	10.94062
protein_co	calcium_ch	535	368	394	633	838	488	3.196503	2.819542	2.84031	5.870236
protein_co	tumor_nec	3314	2670	2844	1325	1631	1443	92.60639	95.67733	95.8884	57.46915
protein_co	distal-less_	4	1	2	1	0	5	0.081406	0.026098	0.049111	0.031588
protein_co	mitogen-ac	147	125	121	925	1032	651	0.61714	0.672954	0.612914	6.027515
protein_co	v-ral_simia	1190	1004	1106	1233	1537	1392	19.37469	20.96192	21.72657	31.15885
protein_co	BAI1-associ	165	139	128	515	687	404	2.136072	2.307576	1.999355	10.34832
protein_co	jumonji_C_	251	197	253	374	434	197	1.269348	1.277564	1.543745	2.935682
protein_co	ets_variant	1380	1098	1109	934	995	1091	9.583564	9.778216	9.292393	10.06759
protein_co	acylglycero	400	396	390	418	429	436	4.872956	6.186386	5.732514	7.90386
protein_co	aldehyde_d	54	60	54	34	59	27	0.430916	0.613987	0.519925	0.421122
protein_co	tetratricop	0	0	0	24	33	12	0	0	0	0.522187
protein_co	putative_h	1849	1436	1604	301	293	279	17.32261	17.25203	18.13129	4.376967
protein_co	chemokine	0	0	0	8	5	14	0	0	0	0.82822
protein_co	FERM_RhoC	455	334	368	181	204	166	5.26659	4.957628	5.139419	3.251825
protein_co	Usher_synd	0	0	0	45	41	11	0	0	0	1.212997
protein_co	gamma-glu	460	430	433	973	1147	1045	18.38824	22.04247	20.88422	60.37063
protein_co	DBF4_hom	419	364	347	440	530	735	5.028645	5.602059	5.024751	8.196343
protein_co	thromboxa	105	108	94	18	19	9	1.887827	2.490038	2.039148	0.502315
protein_co	interferon-	648	503	508	189	254	456	13.26844	13.20755	12.55037	6.006717
protein_co	cytochrom	310	259	269	417	446	468	5.059487	5.420681	5.297184	10.56358
protein_co	GTF2I_repe	869	743	746	808	1171	667	6.944006	7.613572	7.192455	10.02149
protein_co	Paf1_RNA_	1496	1177	1240	560	655	921	33.95327	34.25594	33.95626	19.72734
protein_co	vacuolar_p	1207	1035	974	482	530	666	9.58771	10.54283	9.335006	5.942718
protein_co	Rho_GTPas	35	33	30	667	884	431	0.37063	0.448122	0.383303	10.96299
protein_co	elaC_homo	1276	1060	1071	1936	2523	2571	16.00633	17.05125	16.20984	37.69441
protein_co	scinderin	28	37	27	6	6	6	0.418527	0.709213	0.486943	0.139203
protein_co	arylsulfatas	230	194	199	80	75	80	2.090464	2.261132	2.182308	1.128588
protein_co	patatin-like	127	81	84	224	246	200	1.766024	1.444399	1.409354	4.83472
protein_co	myosin_he	2	0	0	1	0	1	0.014895	0	0	0.01156
protein_co	adiponecti	1767	1517	1513	818	1015	1114	20.62087	22.70207	21.30382	14.81679
protein_co	cyclin-depe	33	23	27	50	31	31	0.716375	0.640271	0.707194	1.684718
protein_co	uridine_ph	3	2	3	0	1	7	0.05777	0.049388	0.069703	0
protein_co	protease_se	0	0	0	9	0	0	0	0	0	0.565158
protein_co	MAP/microt	1787	1329	1426	1610	2143	907	16.08609	15.34124	15.48794	22.49481
protein_co	prominin_2	1730	1352	1327	1109	1423	1539	18.6525	18.69291	17.26275	18.55893
protein_co	coiled-coil_	2311	1696	1822	1921	2589	2013	102.7136	96.66363	97.7067	132.5213
protein_co	carcinoemb	0	0	0	0	0	1	0	0	0	0
protein_co	platelet-act	3225	2396	2700	1483	1725	1469	27.50961	26.20902	27.78859	19.63479
protein_co	nitric_oxid	2	0	1	18	32	33	0.022457	0	0.013548	0.313706
protein_co	dynein_axo	15	9	9	16	20	35	0.049637	0.038191	0.035934	0.082179
protein_co	KIAA0100	3115	2455	2871	1385	1800	1745	19.71951	19.92961	21.92902	13.60875
protein_co	growth_arr	149	140	186	378	460	289	0.854005	1.028991	1.286278	3.362763
protein_co	trafficking_	193	152	149	790	1046	444	11.24195	11.3537	10.47174	71.42366
protein_co	megakaryo	0	2	0	522	694	422	0	0.05638	0	17.81109
protein_co	carcinoemb	0	0	0	0	0	1	0	0	0	0
protein_co	CD79b_mo	0	0	1	12	16	0	0	0	0.044583	0.688225
protein_co	sodium_ch	1	0	1	178	249	139	0.006008	0	0.007249	1.659808
protein_co	suppressio	161	135	136	121	131	127	1.667247	1.792739	1.699264	1.944867
protein_co	transketola	0	0	0	2	7	1	0	0	0	0.055094
protein_co	paired_box	93	92	85	17	29	74	0.629987	0.799182	0.69473	0.178743
protein_co	RNA_pseud	790	606	546	776	959	1002	17.15753	16.87756	14.30765	26.15893
protein_co	rhomboid_	2123	1659	1635	810	1150	828	33.27123	33.34069	30.91609	19.70309
protein_co	LUC7-like_(	1237	997	1026	924	1229	1380	21.19216	21.90333	21.20806	24.57016
protein_co	calcium_ch	42	34	29	805	1011	563	0.358069	0.371711	0.298307	10.65232
protein_co	BAI1-associ	17	7	5	240	396	169	0.1704	0.089976	0.06047	3.733893
protein_co	TSR3_20S_	1334	991	1059	790	1171	965	50.32283	47.93936	48.20069	46.25587
protein_co	phosphatid	1679	1119	1172	533	703	810	26.1904	22.38365	22.05805	12.90474
protein_co	Crm_cramp	449	346	428	307	423	352	2.708906	2.676905	3.115584	2.874858
protein_co	TEA_domai	1209	990	980	1182	1416	1116	19.00437	19.95592	18.58666	28.83866
protein_co	DnaJ_(Hsp4	967	784	886	1062	1350	1572	13.69455	14.23792	15.1392	23.34405
protein_co	flavin_cont	0	0	0	0	0	1	0	0	0	0
protein_co	myosin_reg	270	179	220	830	1027	1017	4.528006	3.849511	4.451578	21.60488

protein_co	NADPH_oxi	4	0	3	4	2	8	0.074164	0	0.067112	0.115112
protein_co	E2F_transc	179	106	119	251	356	262	1.616897	1.227848	1.296953	3.519116
protein_co	proteasom	2170	1815	1807	2000	2238	2362	52.47619	56.28447	52.72405	75.06942
protein_co	synapsin_I	46	26	39	97	123	118	0.673413	0.488097	0.688868	2.204071
protein_co	jumonji_AT	979	793	874	9719	12241	10375	7.976599	8.285478	8.592005	122.91
protein_co	cyclin-depe	310	305	382	57	71	78	4.202343	5.301991	6.248003	1.19932
protein_co	calcium/ca	4	4	12	7	8	8	0.071807	0.092082	0.259918	0.195045
protein_co	cyclin-depe	3	8	5	7	13	4	0.053023	0.181319	0.106626	0.192031
protein_co	NAD_kinase	1285	940	1026	1888	2252	1809	16.44927	15.43052	15.8467	37.51249
protein_co	transcriptic	422	349	424	0	0	1	3.413419	3.620027	4.138005	0
protein_co	transcriptic	0	0	2	0	0	0	0	0	0.066132	0
protein_co	deleted_in_	5	3	6	17	14	8	0.036485	0.028072	0.052825	0.192539
protein_co	cytohesin_	1284	981	1057	539	631	319	13.36444	13.09375	13.27421	8.707728
protein_co	ADAM_met	107	101	101	237	285	208	0.537522	0.650644	0.612184	1.847955
protein_co	synaptophy	912	718	701	770	879	745	19.88084	20.07122	18.43767	26.05321
protein_co	cytochrom	251	193	203	708	905	994	3.677936	3.626578	3.589009	16.10253
protein_co	sperm_assc	2201	1848	1905	698	793	567	12.47491	13.43163	13.02748	6.140493
protein_co	cadherin_E	315	269	240	1601	2128	1226	1.233845	1.351175	1.134251	9.733561
protein_co	aminoadipa	653	549	536	2076	2468	1848	9.470826	10.21072	9.379669	46.73395
protein_co	pleckstrin_	15	11	9	649	774	342	0.226085	0.212609	0.163671	15.18293
protein_co	synovial_sa	191	164	155	279	384	425	8.553957	9.418612	8.375552	19.39404
protein_co	MPN_doma	128	88	108	103	231	115	3.725588	3.284557	3.792771	4.653209
protein_co	microsoma	334	282	302	1981	2397	2669	7.27754	7.879462	7.939499	66.99665
protein_co	cryptochro	435	386	429	374	417	309	5.320072	6.053756	6.330436	7.099542
protein_co	peptidogly	11	3	8	8	8	9	0.716375	0.250541	0.628617	0.808664
protein_co	nuclear_fac	4076	3152	3360	14	18	9	34.56125	34.2729	34.37499	0.184253
protein_co	ST3_beta-g	1303	969	1026	138	161	137	8.769584	8.363108	8.33163	1.441598
protein_co	matrix_me	37	27	24	1207	1724	1245	0.488163	0.45681	0.382052	24.71728
protein_co	interleukin	17	7	7	14	23	25	0.577212	0.304785	0.286769	0.737811
protein_co	polycystic_	6005	4094	4793	1445	2110	907	19.91615	17.41204	19.17997	7.438592
protein_co	mitogen-ac	20	12	15	75	119	159	0.167614	0.128965	0.151677	0.975601
protein_co	mediator_c	2425	1926	2077	2526	3020	2673	29.18591	29.72536	30.16102	47.18731
protein_co	Rho-relatec	908	738	790	142	219	122	7.810702	8.140853	8.199349	1.895933
protein_co	HEAT_repea	578	412	478	332	389	281	3.925044	3.587759	3.916451	3.499333
protein_co	SEC62_hon	2231	1803	1928	831	834	1478	15.92747	16.5064	16.60743	9.208285
protein_co	ribosomal_	8553	6696	6806	10874	11939	10496	219.6333	220.4979	210.8723	433.4105
protein_co	cold_shock	11473	9302	9703	10949	11037	10846	129.1023	134.2278	131.738	191.2326
protein_co	ubiquitin_p	2749	2150	2278	1439	1742	1630	24.65111	24.72348	24.64697	20.02871
protein_co	REV3-like_p	578	424	524	159	108	128	2.471947	2.325341	2.7039	1.055453
protein_co	teneurin_t	41	31	20	200	202	124	0.149134	0.144599	0.087775	1.129157
protein_co	paired_box	4	13	2	71	86	139	0.033868	0.14115	0.020432	0.933074
protein_co	mannan-bi	67	44	54	103	114	82	1.288082	1.084752	1.252594	3.073522
protein_co	family_witl	160	112	114	168	220	130	2.103281	1.888012	1.808132	3.427812
protein_co	TRAF3_inte	49	46	27	43	41	22	0.695824	0.837665	0.46261	0.947768
protein_co	protein-O-r	937	732	790	569	627	600	7.780405	7.794406	7.91476	7.333399
protein_co	Vps20-asso	918	726	851	674	705	860	13.09554	13.28087	14.64732	14.92351
protein_co	MLX_intera	0	1	0	119	145	46	0	0.018343	0	2.642098
protein_co	bromodom	3548	2719	2943	1929	2411	2339	27.26414	26.79333	27.28642	23.00758
protein_co	RAN_bindi	1071	740	766	652	832	544	16.13209	14.29362	13.92125	15.24331
protein_co	ets_variant	0	1	1	21	15	10	0	0.027877	0.026229	0.708566
protein_co	SprT-like_N	275	188	219	134	180	252	3.62314	3.176286	3.481325	2.740234
protein_co	methyltran	828	633	689	1135	1363	1564	11.66965	11.44039	11.71642	24.8287
protein_co	dual-specif	254	182	201	45	75	76	6.558405	6.026224	6.261936	1.803464
protein_co	zinc_finger_	2132	1810	1815	2053	2223	2952	7.254155	7.897463	7.451168	10.84224
protein_co	ubiquinol-c	4325	3514	3575	4097	4520	4202	102.1659	106.4464	101.8929	150.216
protein_co	STARD3_N-	786	646	665	439	466	454	10.08912	10.63341	10.29913	8.746327
protein_co	CD9_molec	677	636	557	3663	3892	3391	20.42763	24.60911	20.27835	171.5524
protein_co	hedgehog_	0	0	0	1	0	1	0	0	0	0.039024
protein_co	non-SMC_c	2962	2369	2444	5236	5620	3920	25.03393	25.67547	24.92259	68.68692
protein_co	intermedia	824	551	629	216	235	221	12.45965	10.68414	11.47565	5.069473
protein_co	gastric_inh	2	3	3	11	14	6	0.028513	0.054846	0.051604	0.243411
protein_co	PHD_finger	101	63	91	163	275	64	2.223423	1.778487	2.417076	5.569534
protein_co	sema_dom	12	8	8	42	65	46	0.114856	0.098191	0.092387	0.623954
protein_co	nischarin	4766	3758	3965	2221	2695	1862	41.77156	42.23697	41.92932	30.21382
protein_co	stabilin_1	8	7	9	17	27	13	0.047316	0.053091	0.064225	0.156062

protein_co	fuzzy_plana	170	135	99	355	400	290	4.758987	4.846282	3.343866	15.42497
protein_co	solute_carr	1	0	1	5	1	0	0.02146	0	0.025893	0.166544
protein_co	iduronate_	2991	2322	2482	281	323	183	18.40767	18.32542	18.43029	2.684227
protein_co	protease_se	0	4	1	0	1	2	0	0.248985	0.058567	0
protein_co	zinc_finger_	192	156	131	165	204	277	2.089806	2.177402	1.720379	2.787527
protein_co	CD4_molec	54	45	42	18	22	8	0.813122	0.868928	0.763061	0.420692
protein_co	leucine_ric	89	80	76	38	30	13	2.561824	2.952967	2.639496	1.697749
protein_co	Bruton_aga	3	0	2	3	5	1	0.054544	0	0.043874	0.08466
protein_co	hemochror	288	225	255	21	25	18	2.554734	2.559441	2.729238	0.289137
protein_co	sex_comb_	770	656	648	292	380	333	10.79059	11.78875	10.95664	6.351375
protein_co	FYN_oncog	632	524	446	931	1196	740	8.168272	8.684678	6.954982	18.6764
protein_co	human_imi	685	549	633	386	393	231	3.303472	3.395172	3.683256	2.889335
protein_co	flavin_cont	0	0	0	0	2	0	0	0	0	0
protein_co	transcriptic	1013	794	834	753	886	1199	9.216063	9.263302	9.154826	10.63314
protein_co	lysophosph	1431	1086	1113	2553	3078	3049	37.07161	36.07788	34.78925	102.6557
protein_co	chloride_cl	1337	1190	1209	421	480	731	11.22908	12.81649	12.25144	5.488142
protein_co	mannose_r	25721	18093	19562	1205	1564	1179	201.4125	181.6848	184.8247	14.6459
protein_co	solute_carr	4	1	1	0	2	0	0.050163	0.016082	0.015131	0
protein_co	tetraspanin	4756	3587	3847	712	1048	819	51.58661	49.89257	50.34605	11.98687
protein_co	BTB_(POZ)_	1202	1019	1150	455	577	483	6.68586	7.268359	7.717892	3.92821
protein_co	amyloid_be	417	277	305	314	439	277	4.600738	3.919048	4.060124	5.377143
protein_co	Meckel_syn	231	188	204	323	342	337	4.528258	4.72592	4.825001	9.827707
protein_co	abhydrolas	97	65	78	96	121	129	2.691321	2.312684	2.611177	4.134237
protein_co	Kallmann_s	4422	3282	3650	542	528	956	32.83935	31.2553	32.70519	6.24749
protein_co	A_kinase_(P	498	442	505	722	910	569	8.494445	9.668014	10.3931	19.11496
protein_co	mbt_doma	432	333	329	1264	1338	1282	3.763747	3.720405	3.458443	17.09284
protein_co	UTP18_sma	799	660	682	1185	1522	1287	19.78095	20.95336	20.37196	45.53541
protein_co	ring_finger_	1715	1322	1469	1173	1390	884	14.26075	14.09675	14.73833	15.13933
protein_co	tetratricop	796	637	655	1293	1677	1424	12.13803	12.45616	12.05104	30.60302
protein_co	polypyrimi	11443	8574	9642	13433	16467	17979	115.1175	110.6099	117.0352	209.7514
protein_co	D4_zinc_an	152	95	100	112	167	292	3.044546	2.440124	2.416724	3.48199
protein_co	synaptotag	355	273	286	595	903	316	3.429328	3.381836	3.333456	8.921298
protein_co	leucyl-tRNA	910	723	786	1128	1396	1448	8.994502	9.163963	9.373598	17.30515
protein_co	phosphatid	1798	1614	1645	1172	809	1371	10.24775	11.79646	11.31235	10.36805
protein_co	plasminoge	2694	2330	2436	251	308	213	78.46069	87.02014	85.6012	11.34642
protein_co	anillin_acti	1770	1436	1459	1238	1086	1270	17.33765	18.03768	17.2433	18.8221
protein_co	widely_inte	2796	2055	2165	1257	1691	1536	19.45748	18.33878	18.17839	13.57735
protein_co	RAB_GTPas	1239	1006	1005	622	729	585	11.62632	12.10538	11.3785	9.059243
protein_co	decorin	4565	3232	3213	0	0	0	73.20552	66.46358	62.16727	0
protein_co	glutaminyl-	371	282	284	351	338	340	7.530821	7.340521	6.955603	11.05875
protein_co	protein_ph	1882	1457	1528	1667	1977	1888	18.87637	18.73992	18.49142	25.95164
protein_co	centrosom	385	313	297	580	660	728	3.087508	3.218852	2.873769	7.219477
protein_co	mitogen-ac	608	508	461	796	966	683	6.535793	7.002736	5.979209	13.28123
protein_co	zinc_finger_	1	1	3	8	15	16	0.022674	0.029076	0.082073	0.281547
protein_co	TYRO_prote	10	11	11	0	0	0	0.762439	1.075492	1.01192	0
protein_co	transmemb	255	210	196	556	692	354	5.936919	6.26974	5.505858	20.09214
protein_co	gamma-am	4	5	5	92	120	118	0.050528	0.080994	0.076206	1.80381
protein_co	breast_can	473	379	413	686	662	697	3.117652	3.203429	3.284465	7.018125
protein_co	excision_re	1790	1427	1474	549	681	460	21.92611	22.41516	21.78482	10.43786
protein_co	CD22_mole	0	0	0	6	7	0	0	0	0	0.133623
processed_	sema_dom	262	203	208	93	186	109	3.74206	3.718047	3.584437	2.061688
protein_co	membrane-	637	462	499	196	212	174	6.70158	6.232884	6.334121	3.200548
protein_co	prickle_hor	221	206	167	179	223	73	3.682549	4.401826	3.357537	4.629561
protein_co	lactotransf	1	0	0	0	0	1	0.01574	0	0	0
protein_co	exostosin-li	3274	2614	2688	3159	3905	2580	18.59246	19.03588	18.4177	27.84442
protein_co	ELOVL_fatty	3711	2986	3267	2844	3154	2422	56.68041	58.48455	60.20592	67.42207
protein_co	arachidona	3	2	4	26	55	13	0.056178	0.048027	0.090376	0.755701
protein_co	lysine_(K)-s	1197	999	1064	789	939	776	10.06047	10.7671	10.78981	10.29275
protein_co	calcium_bi	1065	794	949	254	305	195	12.8441	12.27959	13.8092	4.754648
protein_co	ubiquitin_p	421	399	387	496	480	568	5.34399	6.494799	5.927104	9.772274
protein_co	mitogen-ac	1483	1087	1144	362	365	473	14.45093	13.58294	13.4502	5.475122
protein_co	EH-domain	1866	1505	1668	429	526	404	18.87333	19.52013	20.35547	6.7348
protein_co	proteasom	2571	1885	2078	1593	1670	2292	74.27864	69.83652	72.43617	71.43452
protein_co	mannosida	1898	1472	1520	291	353	226	11.52964	11.46665	11.14066	2.743739
protein_co	solute_carr	0	1	0	7	3	6	0	0.01174	0	0.099465

protein_co	claudin_11	61	38	62	203	276	152	1.318714	1.05345	1.617188	6.811572
protein_co	solute_carr	2020	1518	1689	3834	4596	3786	42.72343	41.17142	43.1015	125.8628
protein_co	major_vaul	3797	3153	3269	326	425	71	62.14359	66.17426	64.55334	8.281401
protein_co	negative_re	733	640	626	501	563	581	10.70728	11.9885	11.0331	11.35909
protein_co	phosphogl	1922	1556	1601	633	571	487	14.75726	15.32045	14.83173	7.543739
protein_co	RWD_dom	140	119	120	113	93	58	2.9948	3.264346	3.097199	3.751878
protein_co	CDC-like_ki	358	295	345	128	152	386	5.232739	5.529392	6.084336	2.903932
protein_co	polymerase	196	137	136	151	171	285	2.150818	1.927868	1.800671	2.571905
protein_co	angel_hom	459	374	426	728	711	529	5.237897	5.472997	5.865458	12.89455
protein_co	ring_finger	595	534	522	211	223	150	6.587854	7.581892	6.973415	3.626101
protein_co	deoxyribon	137	119	112	42	46	45	2.135616	2.378805	2.106535	1.016207
protein_co	DEAD/H_(A	822	624	694	1439	1788	1820	9.216546	8.972021	9.388666	25.04307
protein_co	heme_bind	332	262	316	402	461	227	7.571734	7.662455	8.695457	14.23029
protein_co	G_protein-	7	5	3	18	15	10	0.044584	0.040838	0.023054	0.177946
protein_co	mastermin	447	357	397	8	4	5	4.318055	4.422402	4.62721	0.11995
protein_co	CD6_molec	30	22	10	10	12	2	0.432565	0.406782	0.173971	0.2238
protein_co	transformi	1763	1363	1382	2857	3589	3129	29.72567	29.4703	28.11483	74.76875
protein_co	UFM1-spec	890	703	766	323	278	283	9.879762	10.0074	10.25967	5.565312
protein_co	polymerase	678	611	646	665	685	721	8.491301	9.812849	9.761692	12.92697
protein_co	zinc_finger	687	539	648	733	937	677	9.821171	9.881085	11.17711	16.26451
protein_co	calpain_1_	3626	2879	3022	3942	4965	3932	55.09501	56.09646	55.4022	92.96759
protein_co	acid_phosp	3	4	5	22	21	23	0.045014	0.076966	0.090521	0.51237
protein_co	malate_deh	1930	1588	1613	2102	2080	2081	54.84711	57.87037	55.30684	92.71706
protein_co	solute_carr	1393	1129	1144	1116	997	1252	19.82331	20.6029	19.6426	24.65015
protein_co	myotubula	433	406	377	105	146	65	6.093451	7.32674	6.40125	2.293481
protein_co	cytochrom	618	505	543	586	604	557	10.39384	10.89152	11.01883	15.29733
protein_co	coiled-coil_	52	44	47	1827	2453	1698	0.326235	0.353989	0.355773	17.79083
protein_co	YY1_associa	305	226	212	6	13	16	2.806959	2.66719	2.354074	0.085707
protein_co	zinc_finger	1583	1292	1466	503	566	565	16.89663	17.68443	18.87997	8.333312
protein_co	Wiskott-Al	8	9	6	12	14	3	0.202877	0.292682	0.183587	0.472341
protein_co	dipeptidase	0	0	0	13	20	3	0	0	0	0.533938
protein_co	BH3_intera	604	528	493	486	534	517	11.36044	12.73507	11.18802	14.18812
protein_co	matrin_3	5597	4486	4796	7230	6292	8683	35.92163	36.92065	37.13881	72.02272
protein_co	NPC1-like_	9	4	3	5	4	7	0.083599	0.047646	0.033623	0.072088
protein_co	xylosyltran	1791	1461	1378	1183	1472	668	23.9464	25.0498	22.23012	24.55047
protein_co	RANBP2-lik	19	14	21	13	16	10	0.122833	0.116065	0.163806	0.130448
protein_co	stathmin-li	0	2	0	0	1	1	0	0.052561	0	0
protein_co	NudC_dom	2252	1850	1921	1286	1419	1308	21.08974	22.21692	21.70592	18.69279
protein_co	ISL_LIM_hc	17	9	10	1	2	7	0.289339	0.196431	0.205356	0.026417
protein_co	choline_de	68	50	43	213	270	188	0.875967	0.825959	0.668337	4.258818
protein_co	interleukin	0	4	2	17	15	28	0	0.068661	0.032301	0.353199
protein_co	chloride_cl	0	1	0	0	0	0	0	0.018166	0	0
protein_co	glycosyltra	1137	1076	997	445	491	465	22.98015	27.88778	24.31284	13.95992
protein_co	ATPase_Ca+	1593	1267	1350	1234	1328	1282	14.74162	15.03542	15.0734	17.72455
protein_co	SRC_kinase	15	10	6	324	381	284	0.099653	0.085194	0.048095	3.340983
protein_co	insulin-like	3	1	2	3	3	1	0.019087	0.008159	0.015353	0.029625
protein_co	solute_carr	72	51	73	375	445	765	1.26825	1.151998	1.55147	10.2526
protein_co	MAGI_fami	34	31	32	14	11	3	0.533019	0.623211	0.605288	0.340661
protein_co	ralA_bindir	2015	1716	1836	2813	3477	2239	21.63081	23.62242	23.78036	46.87033
protein_co	RUN_and_F	1181	932	1002	659	928	501	13.08224	13.23907	13.39208	11.33047
protein_co	contactin_	520	394	434	109	140	100	4.387765	4.263297	4.41853	1.427569
protein_co	solute_carr	7	8	7	1	8	2	0.056866	0.08334	0.068612	0.012609
protein_co	WW_doma	7346	6310	6403	304	386	365	68.47993	75.43122	72.01848	4.39862
protein_co	alkylglycer	1007	836	846	585	706	724	6.081691	6.474563	6.164719	5.483795
pseudogen	zinc_finger	0	0	0	3	2	0	0	0	0	0.123077
protein_co	chromoson	241	184	201	290	397	393	4.764121	4.664369	4.79413	8.898036
protein_co	ATPase_Na-	28	4	5	395	550	292	0.242192	0.044368	0.052182	5.303085
protein_co	tetratricop	462	372	369	399	483	466	7.532402	7.777568	7.258818	10.09706
protein_co	zinc_finger	36	18	22	36	64	76	0.597748	0.383264	0.440744	0.927788
protein_co	V-set_and_i	5	3	1	0	0	0	0.196851	0.15146	0.047503	0
protein_co	pleckstrin_	4504	3461	3990	1203	1543	1148	35.52441	35.00576	37.97078	14.72735
protein_co	macrophag	1	0	0	0	0	0	0.025442	0	0	0
protein_co	cytochrom	12	4	9	0	0	0	0.172495	0.073734	0.156094	0
protein_co	PR_domain	158	105	119	55	64	127	2.381428	2.029453	2.16409	1.286689
protein_co	synaptotag	21	7	10	300	362	130	0.191425	0.081825	0.109983	4.244545

protein_co	snail_homo	1764	1431	1469	4	3	14	37.52903	39.04072	37.70845	0.132087
protein_co	CD74_mole	75	84	75	355	384	228	2.036335	2.924669	2.456956	14.96053
protein_co	hepatocyte	84	63	70	3	5	1	0.657666	0.632522	0.66126	0.036457
protein_co	zinc_finger_	679	512	555	439	536	409	5.590574	5.405875	5.513504	5.610243
protein_co	neurochon	1076	715	676	706	923	1462	13.69907	11.67331	10.38421	13.95127
protein_co	G_protein-	5936	4152	4508	288	421	341	44.39221	39.81801	40.67662	3.342996
pseudogen	chaperonir	1	0	0	0	2	1	0.028011	0	0	0
protein_co	ZFP64_zinc	1007	678	885	532	710	404	14.46637	12.4902	15.33987	11.86239
protein_co	menage_a_	326	274	305	263	297	303	5.801194	6.252586	6.548588	7.26417
protein_co	sterile_alpl	821	603	679	186	235	408	5.863931	5.522965	5.85145	2.062002
protein_co	runt-relate	12	9	17	53	69	22	0.12965	0.124693	0.221609	0.888786
protein_co	MRE11_me	272	254	260	339	311	353	4.644605	5.561897	5.356748	8.984833
protein_co	pleckstrin_	51	44	40	28	29	36	1.004786	1.111643	0.950849	0.856233
protein_co	serpin_pep	97	100	93	221	298	161	1.736667	2.295907	2.008981	6.141404
protein_co	cytochrom	0	0	0	1	3	5	0	0	0	0.039383
protein_co	solute_carr	0	2	2	2	3	0	0	0.06019	0.056632	0.072853
protein_co	spastin	443	384	382	364	481	497	4.059464	4.512379	4.223538	5.177223
protein_co	neurexin_3	104	82	84	61	66	82	0.756525	0.764915	0.737254	0.688732
protein_co	oxysterol_b	1373	1030	1061	325	410	217	16.55438	15.92535	15.43497	6.082138
protein_co	aquarius_h	912	784	839	1450	1603	1371	7.19322	7.929648	7.984331	17.75117
protein_co	carbamoyl-	130	99	105	43	59	44	1.047192	1.022651	1.020517	0.537628
protein_co	complemer	0	1	0	0	0	0	0	0.025275	0	0
protein_co	four_and_a	1603	1372	1347	645	686	527	26.02656	28.56582	26.38754	16.25449
protein_co	replication	1059	875	927	632	776	739	22.6432	23.9916	23.91495	20.97439
protein_co	gamma-am	1	15	7	12	13	19	0.010974	0.21108	0.092682	0.20439
protein_co	NLR_family	17	16	28	2129	2326	2529	0.212909	0.256965	0.423107	41.38574
protein_co	solute_carr	538	378	358	696	831	539	3.371219	3.037427	2.706673	6.769309
protein_co	ring_finger_	2737	2212	2402	2724	3064	2714	33.55241	34.7731	35.52794	51.83063
protein_co	zinc_finger_	271	235	217	254	389	244	3.821713	4.249775	3.692296	5.55972
protein_co	zinc_finger_	435	333	370	235	260	460	9.399612	9.227291	9.646515	7.881684
protein_co	GRAM_don	462	336	371	201	253	129	2.805022	2.616032	2.717793	1.894178
protein_co	ribonuclea	3745	2737	2860	1170	1508	1069	53.52122	50.16009	49.31605	25.95318
protein_co	NADH_deh	1848	1592	1679	1256	1452	1431	16.62881	18.37011	18.2288	17.54201
protein_co	RB1-induci	1100	909	994	1065	731	992	7.773778	8.237827	8.475667	11.68206
protein_co	endoplasm	952	721	765	484	590	498	9.196394	8.931517	8.916411	7.256989
protein_co	aminolevul	1102	928	949	589	762	403	21.26453	22.96315	22.09471	17.64087
protein_co	baculoviral	1	2	0	6	1	2	0.009023	0.02314	0	0.084025
protein_co	A_kinase_(I	1711	1359	1571	441	418	661	8.093294	8.243357	8.966016	3.237758
protein_co	glutaredoxi	210	156	162	31	54	68	8.706369	8.293765	8.103653	1.994849
protein_co	small_nucl	77	48	46	88	83	66	1.359387	1.086683	0.979847	2.411379
protein_co	deoxyribos	518	432	441	302	354	249	14.21242	15.19957	14.59906	12.86103
protein_co	serine/thre	2971	2517	2571	2828	3541	3429	74.65715	81.10755	77.95049	110.3008
protein_co	ATP-bindin	20	10	14	4	4	9	0.176544	0.113196	0.149107	0.054804
protein_co	differential	234	128	171	279	335	162	4.850691	3.40257	4.276928	8.976819
protein_co	pleckstrin_	1337	1020	1112	345	555	532	16.74912	16.38589	16.8079	6.708264
protein_co	glutamate-	469	343	425	192	341	257	4.527778	4.24635	4.950502	2.877027
protein_co	ubiquitin_p	745	612	594	566	585	432	4.446107	4.68365	4.277186	5.242888
protein_co	EH-domain	12172	9347	9755	285	368	158	159.2037	156.7736	153.9453	5.785842
protein_co	DEP_domai	648	534	586	601	463	472	5.699631	6.023131	6.218954	8.204964
protein_co	coiled-coil_	144	139	130	133	151	132	4.513478	5.586926	4.916321	6.470397
protein_co	Ras-related	18	32	20	324	462	289	0.172249	0.392684	0.23092	4.812379
protein_co	heat_shock	277	213	268	170	169	120	4.914315	4.845875	5.736752	4.681258
protein_co	PHD_finger	1132	924	904	1519	1711	920	8.963104	9.381954	8.636315	18.66811
protein_co	hydroxyste	6	6	4	27	60	53	0.160674	0.206042	0.129242	1.122247
protein_co	nuclear_rec	168	135	149	314	350	225	2.884483	2.972363	3.08669	8.367945
protein_co	thymidine_	25	17	30	7	13	5	0.572109	0.498881	0.828338	0.248638
protein_co	non-SMC_c	1257	883	973	1043	1328	1260	28.37783	25.56312	26.50359	36.54758
protein_co	translocase	1307	1010	1111	803	920	814	29.72127	29.45252	30.48273	28.34247
protein_co	SEC63_hon	2693	2162	2275	1249	1320	1529	19.69659	20.27774	20.07632	14.17906
protein_co	karyopheri	2251	1959	2000	2028	2276	2072	14.30597	15.96561	15.33627	20.00507
protein_co	vimentin	41504	34795	35127	192	217	312	729.9787	784.7773	745.4343	5.241456
protein_co	RTEL1-TNFF	36	36	30	22	31	38	0.293521	0.376399	0.295125	0.278413
protein_co	Fas_(TNF_re	129	98	78	16	22	8	2.360052	2.299149	1.721767	0.454341
protein_co	ribonuclea	165	116	111	385	629	225	3.164357	2.852784	2.568459	11.46021
protein_co	CD44_mole	7868	6835	7271	34	24	42	80.39456	89.5592	89.64055	0.539227

protein_co	potassium_	467	304	380	267	450	215	9.903952	8.267507	9.723515	8.788877
protein_co	1-acylglyce	797	629	684	548	716	596	4.751601	4.808855	4.920235	5.070989
protein_co	SLAM_fami	1	0	2	0	0	0	0.013238	0	0.031946	0
protein_co	butyrophili	443	431	439	70	78	30	6.034944	7.529327	7.21576	1.480124
protein_co	mitochond	365	282	298	328	352	337	7.13119	7.065251	7.024792	9.946573
protein_co	protein_kir	7	18	11	262	341	216	0.091633	0.30216	0.173738	5.323369
protein_co	insulin_rec	0	6	6	2	2	0	0	0.070727	0.066546	0.028536
protein_co	interferon_	333	274	258	197	213	314	7.299848	7.702461	6.823974	6.702955
protein_co	xylosylprot	879	617	663	262	353	402	15.53574	13.9842	14.13854	7.187451
protein_co	SH2_domai	15	6	9	95	83	72	0.420413	0.215648	0.304351	4.132744
protein_co	vaccinia_re	255	223	256	152	122	148	4.888371	5.481989	5.92123	4.522702
protein_co	tumor_nec	23	19	21	26	41	27	0.292824	0.3102	0.322586	0.513786
protein_co	vezatin_adl	934	712	736	488	436	565	9.600017	9.384571	9.127482	7.785301
protein_co	POU_class_	546	472	487	192	261	102	3.70989	4.112631	3.992504	2.024884
protein_co	bromodom	1341	1083	1097	814	1005	1243	12.92487	13.38552	12.75711	12.17734
protein_co	sorting_ne	1853	1474	1567	634	738	787	10.70171	10.91653	10.9193	5.683261
protein_co	TBP-like_1	304	210	244	239	273	338	11.00739	9.750778	10.65979	13.43195
protein_co	aryl_hydro	500	410	432	190	252	295	4.88031	5.13181	5.087556	2.878468
protein_co	BCL2-assoc	3109	2483	2678	1567	1267	4023	20.07174	20.55656	20.86042	15.70232
protein_co	solute_carr	1405	1192	1174	623	658	711	12.68884	13.80484	12.79269	8.733015
protein_co	ankyrin_1_	18	11	15	244	372	127	0.100887	0.079061	0.101438	2.122672
protein_co	integrin-bi	7	5	1	0	1	0	0.317745	0.291045	0.054768	0
protein_co	transcriptic	506	433	435	288	332	241	16.66176	18.28385	17.28255	14.71951
protein_co	rabaptin_R	1258	1052	1092	681	760	776	10.95	11.74244	11.46843	9.200491
protein_co	high_mobil	1959	1426	1545	5763	6822	7282	25.80268	24.0857	24.55313	117.8174
protein_co	nucleopori	1245	1003	1135	2122	2375	2546	10.85902	11.21841	11.94442	28.72744
protein_co	BCL2-antag	733	600	561	875	1205	978	16.091	16.89039	14.85902	29.81382
protein_co	muscle_ske	5	3	6	2	0	0	0.070981	0.054614	0.102771	0.044069
protein_co	IKAROS_fan	17	13	10	76	68	58	0.084756	0.083114	0.060155	0.58812
protein_co	granulin	5339	3987	4071	2500	2671	2191	116.5483	111.6096	107.2248	84.70647
protein_co	family_witl	188	156	150	99	129	269	1.613051	1.716422	1.55285	1.318426
protein_co	Rho_GTPas	2074	1538	1684	381	464	218	10.4379	9.925902	10.22573	2.976184
processed_	nuclear_rec	2	4	7	13	18	6	0.044615	0.114424	0.188406	0.450113
protein_co	centromere	112	111	68	146	139	225	3.030399	3.85136	2.219927	6.131478
protein_co	seryl-tRNA_	3120	2172	2439	2194	2484	2050	77.73478	69.39528	73.31969	84.84532
protein_co	RAN_bindi	1762	1274	1358	1331	1697	1736	25.55528	23.69482	23.76416	29.96286
protein_co	AT_rich_int	457	360	379	168	156	221	3.637538	3.674542	3.639809	2.07554
protein_co	tumor_sup	520	406	416	376	521	425	8.316101	8.326295	8.027084	9.33329
protein_co	patatin-like	1853	1440	1604	2278	3120	1774	18.81897	18.75393	19.65499	35.90912
protein_co	intraflagell	157	109	124	55	47	47	1.872738	1.667298	1.784625	1.018288
protein_co	ALG1_chitc	355	255	304	182	256	373	6.232106	5.740583	6.439144	4.959163
protein_co	zinc_finger_	405	274	322	429	488	485	4.32289	3.750413	4.146896	7.107338
protein_co	ATP-bindin	1417	1115	1239	770	1026	1263	18.73749	18.90714	19.76792	15.80385
protein_co	chondroiti	3853	2860	3139	398	638	695	45.47376	43.28498	44.69935	7.290803
protein_co	leucine_ric	10	15	8	21	21	16	0.072061	0.138612	0.069556	0.234882
protein_co	fucosyltran	1021	883	905	349	411	334	9.267268	10.2777	9.911117	4.916793
protein_co	ubiquitin-li	1299	1056	1115	544	587	542	9.436117	9.836881	9.772531	6.133573
protein_co	GRB2-assoc	1027	849	898	532	586	285	7.904801	8.379875	8.339593	6.355688
protein_co	ATPase_H+_	727	636	576	506	621	459	7.327825	8.220669	7.00505	7.91629
protein_co	protein_inl	473	352	369	441	384	273	7.564454	7.218857	7.120178	10.94676
protein_co	solute_carr	1843	1618	1656	1362	1713	822	11.14069	12.54222	12.078	12.77892
protein_co	amyloid_be	926	687	801	650	810	722	10.77156	10.24787	11.24212	11.73577
processed_	ubiquitin-li	3214	2433	2745	764	1161	2111	34.98248	33.9591	36.04916	12.9071
protein_co	mitogen-ac	680	493	520	718	940	794	13.27997	12.34652	12.25292	21.76422
protein_co	EF-hand_ca	7	3	3	1	0	9	0.143583	0.07891	0.074246	0.031837
protein_co	thymosin_l	30242	22321	22858	7153	8636	7435	2882.211	2727.962	2628.461	1058.118
protein_co	asteroid_ho	81	82	90	70	73	93	1.423039	1.847375	1.907754	1.9088
protein_co	ring_finger_	323	270	290	148	140	103	3.4978	3.749433	3.789122	2.487624
protein_co	peroxisoma	139	112	136	86	75	125	3.310164	3.420283	3.907704	3.178803
protein_co	GABA(A)_re	1665	1348	1369	511	605	502	34.3324	35.64422	34.05975	16.35465
protein_co	myocilin_t	0	0	0	0	0	1	0	0	0	0
protein_co	SH3_domai	437	426	462	177	277	195	5.7884	7.235959	7.383583	3.63899
protein_co	family_witl	580	449	473	805	940	1214	11.34121	11.25866	11.15939	24.43192
protein_co	vinculin	8840	7185	7702	5773	6462	7405	75.61251	78.8093	79.48642	76.64316
protein_co	DEP_domai	167	122	160	695	710	801	3.133507	2.935508	3.622281	20.24088

protein_co	death-assoc	5	5	10	6	11	6	0.04849	0.062182	0.117012	0.090316
protein_co	neutral_spl	740	569	625	433	502	683	9.722223	9.586398	9.90745	8.829827
protein_co	adenylosuc	585	466	449	914	1131	1094	9.867144	10.07931	9.137555	23.92832
protein_co	signal_tran	2	0	1	2	0	2	0.062065	0	0.037442	0.096333
protein_co	TIMP_meta	15262	12127	12014	640	853	891	195.9571	199.6698	186.1167	12.7544
protein_co	replication	1397	1085	1180	1664	1644	1680	13.40674	13.35261	13.66334	24.78624
protein_co	TBC1_dom	785	633	701	574	544	742	9.079591	9.388792	9.78279	10.30479
protein_co	cullin_3	1663	1329	1494	1453	1706	1753	11.56773	11.8547	12.53876	15.68744
protein_co	myomesin_	13	9	19	11	15	13	0.121574	0.107931	0.214387	0.159668
protein_co	cytochrom	13	18	16	7	11	7	0.092233	0.163767	0.136966	0.077086
protein_co	zinc_finger_	686	579	591	562	497	742	6.79049	7.34962	7.058502	8.634631
protein_co	ubiquitin_s	18	9	14	98	140	72	0.226158	0.145008	0.212234	1.911152
protein_co	calcium-se	0	0	0	6	16	1	0	0	0	0.087179
protein_co	tubulin_ga	487	401	439	288	339	155	12.85779	13.5766	13.9846	11.80213
protein_co	ribosomal_	358	305	320	341	348	375	22.62349	24.71643	24.39914	33.44732
protein_co	fms-related	24	17	15	575	717	371	0.192139	0.174527	0.144892	7.145021
protein_co	NOP2/Sun_	1603	1167	1330	1335	1936	2714	21.12555	19.72217	21.14824	27.30777
protein_co	F-box_prot	622	478	492	496	531	415	4.702611	4.634318	4.488092	5.820507
protein_co	microfibril	815	657	602	294	355	389	7.568898	7.824376	6.745584	4.237921
protein_co	methylthio	279	208	248	165	261	128	4.321875	4.131813	4.635192	3.967184
protein_co	methyltran	210	149	188	119	119	249	4.766168	4.336563	5.148207	4.19206
protein_co	homeobox_	150	120	115	0	0	7	2.086474	2.140485	1.930045	0
protein_co	aspartylglu	188	182	182	88	79	93	4.183827	5.193936	4.886921	3.039688
protein_co	phosphatid	497	423	351	305	431	402	6.583146	7.185001	5.609605	6.270576
protein_co	biorientati	1653	1442	1493	1267	960	1609	7.336413	8.20702	7.995005	8.728065
protein_co	methionine	717	571	642	1124	1306	988	9.862171	10.07161	10.65458	23.99663
protein_co	tolloid-like	136	103	134	7	18	13	0.950662	0.923281	1.130161	0.075948
protein_co	enhancer_d	1602	1247	1348	934	1240	1121	14.26197	14.23616	14.47955	12.90608
protein_co	trio_Rho_g	5136	3962	4507	1381	1679	1394	21.69614	21.46255	22.97169	9.054856
protein_co	versican	10722	8722	9775	3875	3584	4492	39.82216	41.54076	43.804	22.33835
protein_co	C-type_lect	1155	923	970	394	564	439	7.859232	8.053955	7.963756	4.16126
protein_co	macrophag	116	117	107	0	0	0	1.522744	1.969537	1.694731	0
protein_co	cadherin_1	4	2	1	6053	6886	5197	0.038474	0.024669	0.011605	90.36639
protein_co	superkiller_	1307	1088	1142	1507	1216	1798	14.61957	15.60621	15.41251	26.16392
protein_co	dynein_axo	14	7	10	5	15	13	0.041992	0.026924	0.03619	0.023278
protein_co	zinc_finger_	1125	964	1026	318	324	170	7.788464	8.558264	8.570274	3.417094
protein_co	family_witl	1395	1099	1242	220	331	141	15.35483	15.51236	16.49455	3.758581
protein_co	complemer	1	0	0	0	0	0	0.012808	0	0	0
protein_co	retinoic_ac	3101	2509	2681	1646	1700	1891	28.55576	29.62798	29.78769	23.52623
protein_co	SRY_(sex_d	8	7	4	0	2	0	0.114891	0.128915	0.069311	0
protein_co	polynucleo	1308	969	1018	1143	1575	1015	29.17799	27.71921	27.39955	39.57532
protein_co	bestrophin	1	1	1	63	73	26	0.02148	0.027545	0.025916	2.100379
protein_co	PH_domair	437	364	361	835	925	629	2.420094	2.585006	2.41216	7.17741
protein_co	spindle_ap	1069	785	896	485	455	656	18.78764	17.69186	18.99987	13.23021
protein_co	staufen_RN	430	374	435	587	661	692	4.964961	5.537686	6.060169	10.52001
protein_co	PQ_loop_re	571	383	436	234	345	261	12.43576	10.69657	11.457	7.910113
protein_co	cystinosin_	382	349	332	200	244	341	6.249821	7.322156	6.553757	5.078842
protein_co	reticulon_4	365	288	278	702	738	497	7.934565	8.028457	7.291604	23.68633
protein_co	PHD_finger	1429	1090	1223	939	1192	1211	32.89437	32.17549	33.96752	33.54945
protein_co	cadherin_1	3	5	3	1	1	3	0.040916	0.087449	0.049368	0.021169
protein_co	inositol_pc	1079	907	853	670	808	522	7.493236	8.07727	7.14735	7.221929
protein_co	RAB27B_m	196	157	124	5	7	8	1.26225	1.296577	0.963516	0.049979
protein_co	proteasom	2204	1650	1796	2144	2148	2594	37.70361	36.19634	37.07027	56.92809
protein_co	myosin_XV	0	0	1	1	2	1	0	0	0.00823	0.010588
protein_co	large_subu	889	684	772	711	826	1137	11.67	11.51422	12.2274	14.48668
protein_co	poly_(ADP-	88	76	90	38	37	24	1.669224	1.848651	2.059788	1.118783
protein_co	tenascin_C	51852	40059	41853	98	71	299	318.1967	315.2388	309.8881	0.933441
protein_co	THAP_dom	259	190	207	178	212	125	5.915497	5.564862	5.704398	6.310182
protein_co	family_witl	436	275	298	145	222	112	4.67079	3.77786	3.851839	2.411028
protein_co	tyrosyl-DN	628	464	469	884	1160	860	7.967243	7.548762	7.179089	17.40729
protein_co	apoptosis-i	252	197	219	143	187	201	3.647001	3.65604	3.824085	3.212195
protein_co	spermatog	110	80	71	104	103	51	1.428782	1.332516	1.112704	2.096703
protein_co	mediator_d	542	377	387	255	328	463	5.214278	4.650992	4.492146	3.807725
protein_co	retinol_sat	639	517	525	321	295	196	9.665394	10.0281	9.581336	7.536231
protein_co	capping_pr	2642	2033	2167	1740	2216	1234	85.91084	84.77384	85.02019	87.82029

protein_co	adaptor-rel	2040	1565	1657	1282	1520	1459	102.3055	100.6451	100.2627	99.79006
protein_co	Usher_synd	1	8	1	2	6	5	0.002474	0.025378	0.002985	0.007679
protein_co	zona_pellu	0	0	0	0	1	1	0	0	0	0
protein_co	thyroglobu	136	85	108	0	0	0	0.75468	0.604856	0.723095	0
protein_co	ADAM_met	1	0	0	3	6	22	0.006649	0	0	0.030961
protein_co	DCN1_defe	629	473	509	458	408	620	3.708049	3.575735	3.620434	4.19074
protein_co	PHD_finger	466	372	417	796	1028	1750	3.380899	3.460975	3.650315	8.963751
protein_co	Zic_family_	7	8	4	5024	7167	4120	0.110367	0.161748	0.076093	122.9475
protein_co	lymphocyt	1	2	1	6	6	2	0.010024	0.025707	0.012094	0.093347
protein_co	tRNA_isope	247	205	220	247	285	294	5.483823	5.836462	5.893282	8.511653
protein_co	adrenocept	8	0	2	1	5	6	0.131069	0	0.039536	0.02543
protein_co	cullin_7	3012	2296	2437	1348	1572	655	25.66002	25.08321	25.04987	17.8247
protein_co	catenin_(ca	9111	7721	7952	7317	8065	7136	113.742	123.6055	119.7786	141.7811
protein_co	phosphoryl	662	516	594	400	425	342	5.583952	5.581395	6.045305	5.236899
protein_co	centlein_ce	426	287	398	471	386	452	3.582343	3.094916	4.038209	6.147648
protein_co	EPH_recept	418	300	315	7	6	26	3.374079	3.105343	3.067875	0.087702
protein_co	heat_shock	24777	19177	20472	6059	6823	10487	297.2861	295.0637	296.3699	112.8385
protein_co	desmoglein	1696	1401	1497	2532	2741	2538	13.63839	14.44724	14.5247	31.60323
protein_co	gem_(nucle	192	168	177	220	271	184	5.352487	6.00583	5.953546	9.519356
protein_co	oral-facial-(	286	257	259	347	326	426	3.148754	3.6284	3.440492	5.9297
protein_co	glycoprotei	37	23	33	1310	1599	1566	0.438446	0.349503	0.47182	24.0944
protein_co	melanoma_	0	1	0	0	0	0	0	0.030201	0	0
protein_co	phosphatid	265	196	217	679	677	757	1.155893	1.09632	1.142036	4.596975
protein_co	WD_repeat	790	606	638	306	382	274	8.084486	7.952566	7.877602	4.860458
protein_co	YTH_domai	574	490	579	431	466	504	4.012354	4.392308	4.883306	4.676222
protein_co	CTP_syntha	498	413	419	822	958	810	5.406629	5.749851	5.488571	13.85159
protein_co	ATPase_H+_	545	463	455	699	884	810	10.80552	11.77171	10.88451	21.51082
protein_co	polymerase	2135	1839	1921	1460	1721	1984	24.36957	26.91789	26.45607	25.86624
protein_co	family_witl	269	214	150	155	152	78	2.748021	2.803437	1.848873	2.457706
protein_co	ArfGAP_wit	107	75	87	8	15	9	0.667718	0.600178	0.655053	0.077487
protein_co	translocate	3186	2732	2844	2251	1057	2414	19.81847	21.79286	21.34528	21.73353
protein_co	ceruloplasr	3	0	0	11	9	16	0.030083	0	0	0.17121
protein_co	KIAA0556	844	672	675	411	558	378	5.981737	6.1075	5.772138	4.521236
protein_co	dystrobrevi	233	186	188	189	223	143	5.811369	5.949012	5.657551	7.316693
protein_co	X-linked_K	0	3	0	46	50	69	0	0.03465	0	0.643079
protein_co	anoctamin_	0	1	0	50	51	52	0	0.016177	0	0.979013
protein_co	chromosor	350	297	266	122	121	184	4.289468	4.667682	3.933373	2.320736
protein_co	sex_comb_	241	187	194	22	14	30	2.448644	2.436462	2.378255	0.346946
protein_co	WWC_fami	1915	1535	1488	933	1231	845	13.50901	13.88585	12.66501	10.21567
protein_co	Rho_GTPas	798	567	589	14	23	12	5.940345	5.412541	5.2902	0.161759
protein_co	family_witl	257	208	236	174	254	183	1.819803	1.888704	2.016282	1.912366
protein_co	microtubul	15451	11897	12739	7559	9177	7017	81.22171	80.19778	80.79769	61.67517
protein_co	golgi-associ	1154	877	946	425	437	317	11.75306	11.45392	11.62477	6.718379
protein_co	ubiquitin_s	578	466	474	2117	2368	1764	5.804761	6.001389	5.743583	32.99954
protein_co	histone_de	147	120	108	189	162	194	1.479466	1.548739	1.311473	2.952432
protein_co	tetraspanir	1826	1409	1516	1086	1366	1188	19.26236	19.06027	19.29549	17.78152
protein_co	NOP16_nu	206	187	226	312	332	622	7.69056	8.952446	10.17999	18.07906
protein_co	coiled-coil_	515	377	502	203	237	256	4.600564	4.318715	5.410727	2.814688
protein_co	ribonucleo	713	596	683	1541	1696	998	6.780082	7.267767	7.836356	22.74461
protein_co	zinc_finger_	337	273	313	47	56	68	3.62596	3.766736	4.063362	0.784913
protein_co	tumor_nec	0	1	0	0	0	0	0	0.060493	0	0
protein_co	sorting_ne	563	393	445	145	178	176	3.230826	2.892058	3.081153	1.291527
protein_co	LIM_domai	5	1	5	342	348	255	0.06237	0.015996	0.075253	6.621626
protein_co	mitochond	704	539	634	383	448	492	15.64482	15.36017	16.99946	13.21074
protein_co	guanylate_(	26	28	30	203	217	164	0.545965	0.753979	0.760083	6.616346
protein_co	remodeling	1688	1350	1460	1721	1295	1646	6.852844	7.028158	7.151536	10.84451
protein_co	vacuolar_p	1377	1071	1197	786	943	663	3.95683	3.946502	4.150072	3.505633
protein_co	CUGBP_Ela	444	359	356	384	445	488	2.254865	2.337983	2.181401	3.026908
protein_co	family_witl	3368	2580	2882	1163	1446	1162	30.85689	30.31162	31.85827	16.53828
protein_co	R3H_doma	1328	1162	1250	787	838	916	13.39715	15.03245	15.21501	12.32309
protein_co	collagen_ty	1733	1240	1433	228	312	236	28.147	25.82645	28.08199	5.747764
protein_co	KIT_ligand	394	349	328	266	188	172	3.55898	4.042631	3.574796	3.729422
protein_co	excision_re	136	116	98	89	100	153	1.862454	2.037108	1.619276	1.891765
protein_co	ADAM_met	1140	929	1047	47	48	49	7.311533	7.640621	8.102114	0.467877
protein_co	hexose-6-pl	5553	4590	4554	1096	1403	521	28.46931	30.17666	28.17022	8.721481

protein_co	vesicle-assc	1434	1202	1272	516	577	507	30.49446	32.77824	32.63675	17.03146
protein_co	period_circ	84	84	81	137	230	61	0.627291	0.804412	0.729832	1.587965
protein_co	tumor_nec	0	0	0	0	0	1	0	0	0	0
protein_co	epsin_3	3	3	1	201	275	216	0.034554	0.044311	0.013897	3.593402
processed_	steroid-5-al	6	1	7	1	0	2	0.060542	0.012939	0.085222	0.015662
protein_co	latent_tran	23234	17980	19291	1870	2194	1822	172.0263	170.7143	172.3351	21.49033
protein_co	reticulocall	4834	3742	4051	1640	1944	1966	85.43775	84.8118	86.388	44.99015
protein_co	elastin	740	532	513	171	218	134	9.177099	8.460474	7.676074	3.291549
protein_co	replication	577	491	442	805	999	1095	15.96197	17.41813	14.75302	34.56504
protein_co	AT_rich_int	3326	2526	2903	2081	2387	1737	18.91295	18.41958	19.91738	18.36706
protein_co	CLPTM1-lik	2150	1714	1798	1366	1813	2161	28.4784	29.11369	28.73524	28.08396
protein_co	neural_pre	1100	890	945	1456	1803	1450	6.114156	6.343708	6.337583	12.56133
protein_co	forkhead_b	11	5	7	10	22	9	0.216537	0.126217	0.166259	0.305541
protein_co	protein_ph	328	235	238	196	354	139	4.49574	4.130518	3.935975	4.169787
protein_co	hexosamini	1662	1305	1316	777	1066	677	38.56072	38.82701	36.83986	27.98115
protein_co	pentatricop	116	78	95	135	137	116	2.054094	1.771195	2.02971	3.710451
protein_co	KIAA2022	0	0	1	17	9	11	0	0	0.004811	0.105218
protein_co	JNK1/MAPI	608	502	466	302	281	335	12.3845	13.11258	11.45273	9.548002
protein_co	dickkopf_3	3215	2573	2698	311	421	253	56.88732	58.38263	57.60027	8.541328
protein_co	Rho_guanir	36	24	26	356	534	466	0.304481	0.260302	0.265325	4.67345
protein_co	nuclear_fac	90	81	75	1429	1955	1496	1.1449	1.321355	1.151157	28.2155
protein_co	mitochond	461	371	370	350	482	393	11.83806	12.21695	11.46382	13.95013
protein_co	LIM_domai	1887	1477	1528	807	892	742	22.5718	22.65605	22.0529	14.98298
protein_co	LETM1_dor	251	191	222	466	514	302	3.992332	3.895791	4.260435	11.50454
protein_co	solute_carr	164	104	130	165	190	130	1.749707	1.422867	1.673451	2.732347
protein_co	laminin_ga	23	12	23	1207	1476	1399	0.175847	0.117652	0.21217	14.32337
protein_co	prostaglanc	2	2	4	5	2	3	0.013432	0.017224	0.032412	0.05212
protein_co	TNFAIP3_in	10	14	8	1	0	0	0.193042	0.346569	0.186333	0.029963
protein_co	mitogen-ac	878	648	701	647	812	804	8.550246	8.092234	8.236642	9.77955
protein_co	collagen_ty	13	18	25	260	439	204	0.199141	0.353589	0.462067	6.181884
protein_co	breast_can	4711	3271	3618	2270	2850	2473	47.41337	42.21605	43.93436	35.46043
protein_co	family_witl	489	450	475	323	360	336	6.586963	7.773171	7.720013	6.753196
protein_co	homocyste	1169	935	1019	164	180	274	24.92698	25.56678	26.21666	5.427871
protein_co	homer_hor	1009	670	726	267	526	232	23.90704	20.35723	20.75483	9.819205
protein_co	RAD51_hor	357	296	318	537	589	535	7.38735	7.854554	7.939546	17.24746
protein_co	polymerase	331	276	327	531	481	492	1.768729	1.891262	2.108284	4.404111
protein_co	phosphatic	352	267	330	734	841	545	3.476993	3.382064	3.932993	11.2535
protein_co	cytochrom	610	438	432	2350	3034	1788	20.21407	18.61262	17.27252	120.871
protein_co	THO_comp	456	324	386	664	837	708	11.90526	10.84747	12.15932	26.90745
protein_co	heme_bind	800	688	747	789	993	908	37.89092	41.78717	42.68879	58.0033
protein_co	M-phase_pl	629	509	574	517	513	395	5.086018	5.277818	5.59999	6.48856
protein_co	pleckstrin_	1002	782	854	856	881	877	7.242762	7.248574	7.448047	9.603747
protein_co	protease_se	0	0	0	2269	2811	1637	0	0	0	88.30875
protein_co	suppressor_	796	608	565	639	766	687	6.778869	6.639832	5.805514	8.446475
protein_co	ribosomal_	1104	789	915	1041	1340	1915	11.76781	10.78482	11.76781	17.22295
protein_co	folliculin_i	236	180	221	207	254	199	1.597985	1.562941	1.805514	2.175512
protein_co	methylster	4561	3774	4007	1244	1317	2280	94.25534	100.0132	99.911	39.90219
protein_co	tetratricop	1298	1055	1159	739	820	653	13.61898	14.19488	14.67241	12.03497
protein_co	ALX_homec	27	23	27	5	5	2	0.220179	0.240519	0.265659	0.063287
protein_co	follistatin-l	0	1	0	45	56	35	0	0.011096	0	0.604372
protein_co	forkhead_b	1565	1195	1221	2358	2814	1705	9.369622	9.174554	8.820058	21.912
protein_co	methyltran	0	0	0	1	6	4	0	0	0	0.06504
protein_co	aldo-keto_r	1072	851	833	697	836	572	36.90609	37.57009	34.60161	37.24488
protein_co	mRNA_turr	1099	816	859	819	962	2073	22.2601	21.19478	20.99281	25.74802
protein_co	neuronatin	42	17	18	77	94	103	1.521933	0.789959	0.786985	4.330792
protein_co	unconventi	311	258	289	124	172	176	8.211033	8.735072	9.206262	5.081473
protein_co	MCF.2_cell	6	11	3	128	131	58	0.036009	0.084657	0.021724	1.192348
protein_co	nuclear_rec	121	85	74	90	112	125	2.066166	1.861265	1.524613	2.385354
protein_co	laminin_alp	88	70	65	18	35	22	0.387048	0.394812	0.34494	0.122881
protein_co	adaptor-rel	566	450	456	413	494	590	8.633621	8.802345	8.392463	9.778158
protein_co	anaphase_p	364	295	288	313	339	507	4.483311	4.659388	4.279944	5.983735
protein_co	potassium_	2	3	0	84	151	61	0.0289	0.05559	0	1.883976
protein_co	trafficking_	1123	899	893	582	699	533	21.6876	22.26387	20.80804	17.44557
protein_co	thyroid_ho	4374	3489	3892	3542	4256	5201	46.27638	47.33593	49.68228	58.16472
protein_co	phosphohis	1373	968	1070	712	943	689	48.92097	44.22921	45.99984	39.37631

protein_co	ectonucleo	3	0	1	179	279	79	0.067146	0	0.027005	6.218417
protein_co	lymphocyt	0	0	1	10	21	10	0	0	0.008216	0.105692
protein_co	AT_rich_int	965	753	770	577	557	722	7.458195	7.462953	7.180343	6.921699
protein_co	opsin_3	366	291	301	225	299	141	6.550285	6.678538	6.499705	6.250174
protein_co	serological	385	309	362	122	135	98	7.032589	7.238063	7.978314	3.458954
protein_co	protein_tyr	113	98	80	17	18	11	1.039139	1.155662	0.887633	0.242647
protein_co	hedgehog_	297	207	249	17	13	15	3.840688	3.432672	3.88508	0.341218
protein_co	kinesin_fan	2245	1736	1864	3426	3855	2230	9.866725	9.783984	9.884407	23.37085
protein_co	forkhead_b	338	261	247	250	284	300	4.597861	4.552909	4.054003	5.278489
protein_co	TBC1_dom	770	549	638	463	573	527	9.534015	8.716994	9.531337	8.898085
protein_co	spectrin_re	1010	779	882	3166	2094	3030	2.164682	2.141014	2.280812	10.53208
protein_co	pleckstrin_	48	43	53	620	811	623	0.340812	0.391517	0.454043	6.832749
protein_co	ATPase_cla	1829	1510	1524	196	255	237	10.58004	11.20108	10.6367	1.759788
protein_co	SPO11_me	0	1	0	0	0	0	0	0.032786	0	0
protein_co	cerebellin_	0	0	0	0	1	1	0	0	0	0
protein_co	chordin-lik	0	0	0	2	2	7	0	0	0	0.073851
protein_co	family_witl	2225	1791	1801	535	598	468	14.29966	14.76048	13.96553	5.336786
protein_co	RELT_tumo	197	138	148	93	136	93	2.125479	1.909322	1.926639	1.557414
protein_co	galactosylc	477	393	382	252	255	212	5.760118	6.085761	5.565759	4.723284
protein_co	NOP58_rib	1066	896	885	1406	1389	2771	24.43048	26.3325	24.47181	50.01388
protein_co	SUZ_RNA_b	3584	2831	2972	1693	2186	1963	46.21942	46.81723	46.24378	33.88784
protein_co	potassium_	18	10	13	648	837	324	0.178932	0.127475	0.155921	9.998158
protein_co	cullin_1	1520	1149	1314	1412	1551	1616	23.26137	22.54867	24.26247	33.53952
protein_co	family_witl	416	314	293	124	157	137	4.390332	4.249551	3.730953	2.031217
protein_co	cytoplasmi	563	439	471	1810	1913	1544	3.887363	3.887054	3.923879	19.39794
protein_co	TGF-beta_a	1225	1065	1055	967	1051	1096	12.61592	14.06506	13.10941	15.45752
protein_co	glycoprotei	509	387	438	231	277	298	11.79201	11.49715	12.24312	8.30639
protein_co	eukaryotic_	1581	1259	1407	1068	1424	980	7.382306	7.538679	7.926881	7.740373
protein_co	ubiquitin_s	1167	958	1091	1096	1392	1608	9.298326	9.788334	10.48834	13.55423
protein_co	myeloid/ly	1275	962	1057	680	758	634	3.510762	3.396844	3.511675	2.906234
protein_co	mucolipin_	7	10	3	81	74	77	0.111151	0.203623	0.057476	1.99633
protein_co	coiled-coil_	22	14	14	3	3	4	0.259061	0.211406	0.198909	0.054832
protein_co	pumilio_ho	2007	1611	1727	1598	1745	1324	15.38471	15.83605	15.97285	19.01293
protein_co	mitochond	888	708	690	789	984	784	19.51187	19.94934	18.29292	26.90875
protein_co	inter-alpha	0	2	1	3	2	2	0	0.036049	0.016959	0.065449
protein_co	inter-alpha	0	0	0	0	0	1	0	0	0	0
protein_co	chromosor	505	399	415	318	382	332	19.25159	19.50552	19.08848	18.81624
protein_co	zinc_finger_	2005	1613	1687	1866	1890	1360	19.84265	20.47053	20.14413	28.66338
protein_co	zinc_finger_	208	176	175	162	183	133	2.104688	2.283738	2.136537	2.544309
protein_co	neuropepti	11	7	4	32	34	101	0.268361	0.218995	0.117743	1.211734
protein_co	PHD_finger	19	14	5	1055	1462	628	0.242689	0.229315	0.077057	20.91601
protein_co	TNF_recept	55	26	46	84	76	36	0.407804	0.247213	0.411523	0.966715
protein_co	ring_finger_	1173	1017	1086	489	576	695	5.947447	6.612457	6.643707	3.848326
protein_co	polycomb_	1579	1131	1233	1356	1625	1364	24.18006	22.20993	22.78171	32.23038
protein_co	interleukin	54	51	78	119	130	111	0.897258	1.086683	1.563745	3.069028
protein_co	TRAF3_inte	300	259	259	739	715	398	2.743176	3.036977	2.85746	10.48835
protein_co	glycogenin_	338	244	273	983	1136	1117	4.671036	4.3241	4.552052	21.08534
protein_co	discoidin_C	8762	7448	8195	996	1276	1188	67.11048	73.15366	75.73281	11.84069
protein_co	serpin_pep	0	1	1	0	0	0	0	0.033838	0.031838	0
protein_co	sterol_O-ac	1050	769	871	22	40	60	7.203295	6.765152	7.209549	0.234258
protein_co	plakophilin	13	2	4	397	434	436	0.141695	0.027954	0.052604	6.716314
protein_co	mutS_hom	0	2	1	8	3	11	0	0.036822	0.017323	0.178273
protein_co	coagulatio	0	0	0	7	14	9	0	0	0	0.163866
protein_co	GDP_disso	6133	5082	5188	5714	6252	6108	115.0766	122.2808	117.4525	166.4121
protein_co	PR_domain	117	120	134	26	21	13	1.06238	1.397284	1.468071	0.366436
protein_co	autophagy_	539	421	456	400	397	501	7.858744	7.871469	8.0219	9.052214
protein_co	transmemb	120	135	127	70	76	45	0.957428	1.381236	1.222578	0.866868
protein_co	PITH_(C-ter	778	656	690	789	955	1155	22.7576	24.60708	24.35253	35.82237
protein_co	metastasis_	702	578	614	1748	2083	1753	5.644169	5.959366	5.956337	21.81397
protein_co	ubiquitin_s	943	801	829	906	1090	819	5.312662	5.786852	5.635119	7.922444
protein_co	ATPase_cla	1553	1284	1440	398	441	291	9.941324	10.54016	11.12201	3.954452
protein_co	laminin_ga	2722	2356	2552	194	215	177	24.79787	27.52396	28.05143	2.743206
protein_co	cyclin-depe	787	652	698	759	979	967	7.147481	7.593381	7.648596	10.69918
protein_co	Sec61_alph	11028	8374	9131	2399	3040	3531	142.2567	138.5218	142.1158	48.03267
protein_co	protein_ph	1682	1436	1524	1238	1158	1206	13.78588	15.09288	15.07098	15.74924

protein_co	Ras_protei	8	7	2	50	60	18	0.0596	0.066875	0.017978	0.578168
protein_co	calcium/ca	6	3	4	10	6	1	0.063265	0.040564	0.050889	0.16366
protein_co	ciliary_roo	2339	1780	1924	1844	3144	1876	16.47773	16.08038	16.35386	20.16315
protein_co	polymerase	932	729	768	1560	2125	1713	9.104478	9.132213	9.052081	23.65344
protein_co	ATPase_Ca+	1712	1493	1622	724	732	438	8.95135	10.01046	10.23255	5.875622
protein_co	zinc_finger	3280	2748	2787	1600	1818	1665	18.30072	19.66167	18.76201	13.85622
protein_co	RIO_kinase	296	264	247	211	200	317	3.538869	4.047493	3.563016	3.915487
protein_co	Yip1_doma	316	250	273	291	370	362	8.218106	8.337465	8.566341	11.74649
protein_co	transmemb	609	544	565	1340	1502	1681	5.562139	6.371369	6.226171	18.9959
protein_co	diacylglyce	5	4	3	4	5	8	0.038726	0.039729	0.028035	0.048087
protein_co	FLYWCH-ty	1356	987	1195	558	809	309	12.3678	11.54408	13.1507	7.899461
protein_co	unkempt_h	607	473	515	458	682	684	5.60501	5.600905	5.737768	6.564228
protein_co	thromboxa	31	24	29	24	37	30	0.614107	0.609681	0.693152	0.737945
protein_co	poly_(ADP-	112	112	130	105	155	106	1.383478	1.774114	1.937517	2.01314
protein_co	aldehyde_d	4979	3952	4100	2598	2804	2509	69.71197	70.95639	69.26234	56.45922
protein_co	TAR_(HIV-1	611	492	541	437	645	409	5.584756	5.766834	5.966345	6.199761
protein_co	PET112_ho	341	268	273	259	335	291	2.440399	2.459522	2.357313	2.876979
protein_co	MAX_dime	231	192	196	42	45	69	1.938714	2.06639	1.98475	0.547119
protein_co	cyclin-depe	566	489	486	405	388	260	6.384352	7.073243	6.614312	7.090647
protein_co	DnaJ_(Hsp4	150	121	118	96	111	115	2.734643	2.828812	2.59561	2.716509
protein_co	solute_carr	1600	1450	1392	18461	17947	11132	16.99683	19.75265	17.84166	304.3924
protein_co	pleckstrin_	136	91	106	234	276	88	1.524514	1.308107	1.433661	4.071354
protein_co	CTD_(carbo	959	753	822	1134	1568	1431	11.98176	12.06441	12.39144	21.99102
protein_co	Y_box_binc	2972	2371	2508	4815	6928	5172	21.79839	22.3006	22.1948	54.81538
protein_co	serine/thre	6	1	8	28	27	29	0.093937	0.020077	0.15112	0.680412
protein_co	WNK_lysin	19010	14281	15403	3053	3555	2514	79.36069	76.45242	77.5848	19.78247
protein_co	cell_divisio	1431	1100	1209	1548	1303	2122	14.32834	14.12402	14.60598	24.0579
protein_co	opioid_gro	1663	1253	1326	1312	1616	998	17.30539	16.72051	16.64872	21.1911
protein_co	guanine_nu	0	0	2	3	7	12	0	0	0.053048	0.102363
protein_co	phosphatid	89	93	89	226	239	115	1.538228	2.061213	1.85596	6.062748
protein_co	protein_tyr	2693	2083	2253	2830	3358	1994	22.63395	22.45033	22.84722	36.91824
protein_co	small_nucl	850	630	783	1084	1255	1491	20.67247	19.64822	22.97646	40.91976
protein_co	RIMS_bindi	2	0	0	32	13	18	0.014836	0	0	0.368447
protein_co	collagen_ty	66920	49697	52726	304	285	346	428.2626	407.8437	407.1243	3.019661
protein_co	glutamine_	1996	1602	1777	1521	1687	2208	10.02597	10.31901	10.76965	11.85839
protein_co	mitochond	298	251	224	73	100	132	14.52518	15.68875	13.17351	5.522792
protein_co	acetyl-CoA_	448	391	411	249	339	330	4.450578	4.981091	4.926384	3.839443
protein_co	branched_(	5831	4274	5006	3835	3629	5055	32.80332	30.8332	33.97924	33.48657
protein_co	histone_de	3356	2505	2703	1839	2450	1726	24.53428	23.48381	23.84216	20.86717
protein_co	leucine_zip	2831	2046	2176	235	327	504	23.26422	21.56074	21.57524	2.997416
protein_co	PR_domair	64	64	78	1	0	1	0.983277	1.260913	1.445901	0.023847
protein_co	wingless-ty	0	0	0	0	0	3	0	0	0	0
protein_co	sperm_assc	37	32	38	99	93	60	1.194033	1.324263	1.479607	4.958844
protein_co	NCK-associ	3447	2752	3037	2822	2830	2833	32.39725	33.16841	34.43973	41.16749
protein_co	mitochond	622	411	473	637	713	762	15.44788	13.0897	14.17384	24.55547
protein_co	guanylate_(	136	100	110	126	137	87	2.041307	1.924769	1.992095	2.935421
protein_co	splicing_fa	1317	1090	1134	1399	1739	1188	11.04133	11.71848	11.47088	18.20471
protein_co	tyrosine_ki	1923	1490	1574	1237	1612	1174	15.18005	15.08306	14.99156	15.15633
protein_co	MON2_hon	1433	1074	1188	381	399	344	6.472105	6.220324	6.473868	2.670883
protein_co	cadherin_3	235	204	213	3930	4516	3542	2.976541	3.313473	3.255155	77.26219
protein_co	GC-rich_pr	1174	982	990	1396	1274	1328	11.75505	12.6089	11.96023	21.69562
protein_co	diacylglyce	2	2	5	29	27	8	0.015825	0.020294	0.047735	0.356162
protein_co	zinc_finger	69	61	66	38	18	41	0.885444	1.003809	1.021889	0.756878
protein_co	citrate_syn	2478	2076	2079	2494	2806	2956	38.00898	40.83397	38.47579	59.37613
protein_co	leukocyte_	31	15	15	4	3	2	0.422065	0.261889	0.246409	0.084529
protein_co	mitochond	3	4	5	3	3	3	0.081453	0.13927	0.163797	0.126427
protein_co	engulfment	1156	959	1012	459	539	340	13.15333	13.99284	13.89333	8.106268
protein_co	wings_apar	1386	1096	1222	1393	1614	1295	10.26205	10.40617	10.91667	16.00857
protein_co	vacuole_m	2640	2204	2529	595	768	750	28.62188	30.64187	33.08195	10.01248
protein_co	amyloid_be	1024	849	915	202	266	223	7.423528	7.892733	8.003492	2.272962
protein_co	polymerase	1254	1020	1041	2547	3406	2483	16.92576	17.65469	16.95311	53.35928
protein_co	seizure_rel	3	3	4	12	19	17	0.031463	0.040347	0.050616	0.195338
protein_co	eukaryotic_	6780	5442	5676	12009	12994	9861	76.6428	78.88774	77.41624	210.707
protein_co	solute_carr	143	90	112	43	50	14	2.247829	1.814174	2.124189	1.049122
protein_co	glioma_tur	878	583	715	876	1140	811	7.243039	6.16743	7.116729	11.21659

protein_co	sphingosin	621	439	523	377	635	613	9.417432	8.537186	9.569531	8.873863
protein_co	ribosomal_	9675	7330	7837	11021	12862	10207	118.0179	114.6596	115.344	208.6645
protein_co	carbonic_a	61	40	49	309	360	341	1.551134	1.304334	1.503362	12.19575
protein_co	isochorism	1231	894	1005	1075	1478	1116	25.28323	23.54623	24.90512	34.26995
protein_co	U2_small_r	4740	3539	3735	3578	4002	5611	73.54688	70.41673	69.92373	86.17013
protein_co	epsin_1	5138	3584	3908	5142	6353	4965	91.91946	82.22251	84.356	142.7828
protein_co	mediator_c	984	787	773	822	998	1058	12.63065	12.95433	11.97177	16.37695
protein_co	aryl-hydroc	146	128	123	89	77	30	1.209317	1.359586	1.229251	1.144215
protein_co	goosecoid_	0	0	0	5	7	11	0	0	0	0.352274
protein_co	zinc_finger_	1303	978	968	307	411	274	9.51974	9.162814	8.533046	3.481365
protein_co	myotubula	414	323	303	388	400	448	4.298598	4.300692	3.795921	6.253003
protein_co	glypican_1	5953	4410	4859	1590	2074	1526	75.21861	71.45578	74.07717	31.18294
protein_co	aarF_doma	152	160	148	176	201	216	2.002046	2.702463	2.352015	3.598103
protein_co	hydroxyacy	662	531	505	407	557	306	17.79885	18.30787	16.38224	16.98474
protein_co	ring_finger_	1890	1485	1710	1945	2070	2258	21.49457	21.65723	23.4645	34.33343
protein_co	caspase_8_	260	180	231	33	35	58	4.160889	3.693981	4.46039	0.819704
protein_co	LIM_and_c	655	566	574	14	4	36	4.981827	5.520432	5.267533	0.165274
protein_co	asunder_sp	482	443	442	956	838	820	7.599525	8.956792	8.40833	23.39526
protein_co	transmemb	1176	1018	951	880	1065	646	20.35536	22.59584	19.86095	23.64202
protein_co	distal-less_	0	0	1	14	19	13	0	0	0.021743	0.39159
protein_co	sperm_aut	23	31	28	5	19	9	0.217917	0.376647	0.320088	0.07353
protein_co	tetraspanir	17	15	22	20	22	6	0.239738	0.271262	0.374334	0.437773
protein_co	WNT1_indu	0	1	4	0	5	0	0	0.021794	0.082023	0
protein_co	doublesex_	0	0	0	0	0	1	0	0	0	0
protein_co	ST3_beta-g	111	76	92	126	151	63	1.653365	1.451672	1.653414	2.913042
protein_co	ATPase_Ca+	3	5	7	19	28	9	0.039075	0.083514	0.110008	0.384116
protein_co	nerve_grow	343	234	251	995	1372	648	4.706841	4.117756	4.155824	21.19283
protein_co	cell_adhesi	711	538	604	403	461	248	3.64837	3.540143	3.739506	3.209702
protein_co	TAF2_RNA_	908	761	808	487	559	636	8.434258	9.064734	9.055667	7.021348
protein_co	homeodom	2241	1773	2018	1423	1916	1618	6.982559	7.0842	7.586509	6.881896
protein_co	transportin	1787	1461	1408	2271	2719	2372	22.22022	23.29611	21.12392	43.83
protein_co	MEF2BNB-M	0	0	0	0	2	0	0	0	0	0
protein_co	regulatory_	928	678	662	404	494	436	31.28248	29.30841	26.92522	21.13806
protein_co	transmemb	656	515	539	964	1204	642	15.93775	16.045	15.8001	36.35219
protein_co	lysophosph	93	85	79	528	643	558	1.712793	2.007476	1.755485	15.09338
protein_co	cathepsin_	2394	1702	1852	534	624	742	51.32817	46.79511	47.90939	17.77065
protein_co	SURP_and_	1949	1623	1658	1702	2247	1547	16.42204	17.53651	16.85574	22.25898
protein_co	solute_carr	742	585	595	156	201	213	5.053361	5.109068	4.889241	1.649041
protein_co	sorting_nex	236	192	203	136	181	142	5.127917	5.349824	5.321978	4.586679
protein_co	eyes_absen	0	4	0	27	35	28	0	0.089015	0	0.727259
protein_co	calponin_2	8653	6492	7029	6769	8239	7433	159.2384	153.2035	156.0711	193.3463
protein_co	ATP-bindin	90	52	98	571	755	333	0.619146	0.458737	0.813439	6.097017
protein_co	synuclein_a	1104	815	877	101	143	80	10.38239	9.828677	9.951207	1.47428
protein_co	DEAD_(Asp	403	287	358	518	642	846	4.362114	3.983668	4.675446	8.702663
protein_co	BTB_(POZ)_	1644	1227	1365	653	862	709	23.38101	22.37769	23.42298	14.41468
protein_co	fatty_acyl_(	146	135	115	288	271	251	3.267753	3.874712	3.105577	10.00505
protein_co	breast_carc	1	3	4	6	15	3	0.007672	0.029514	0.037026	0.071446
protein_co	POU_class_	0	0	1	0	1	0	0	0	0.037945	0
protein_co	chitinase_3	0	0	2	1	0	0	0	0	0.052167	0.033555
protein_co	strawberry_	2739	1971	2231	1542	2119	1041	26.09341	24.07879	25.64404	22.80099
protein_co	PMS1_post	375	296	332	460	425	443	5.452328	5.51889	5.824207	10.38099
protein_co	high_mobil	2174	1559	1667	1688	2156	1315	41.88122	38.5137	38.74748	50.47342
protein_co	calcitonin_	20	11	17	13	6	9	0.179552	0.126638	0.184144	0.181148
protein_co	TAF11_RNA	322	240	277	376	398	369	9.556067	9.13364	9.918617	17.31975
protein_co	ankyrin_rep	1206	959	972	1511	1842	1358	8.925089	9.101085	8.679197	17.35642
protein_co	adaptor-rel	6292	4796	5335	4707	6231	6082	58.60786	57.28695	59.95835	68.05215
protein_co	zinc_finger_	547	423	448	444	526	469	5.514693	5.468696	5.449543	6.947803
protein_co	solute_carr	860	614	696	383	597	298	18.37986	16.82757	17.94738	12.70495
protein_co	nth_endon	221	190	172	502	592	497	9.71199	10.70727	9.11995	34.24129
protein_co	UHRF1_bin	423	328	420	779	1012	621	2.072568	2.060875	2.482938	5.924291
protein_co	guanine_nu	2343	1952	2040	1047	1171	1378	34.26803	36.61053	35.99939	23.76808
protein_co	importin_5	4678	3769	4187	7276	7929	7501	36.54031	37.75266	39.46054	88.21353
protein_co	ornithine_a	1969	1623	1707	1334	1625	1757	45.08127	47.65169	47.15546	47.40637
protein_co	WD_repeat	613	513	536	754	795	982	7.450384	7.995486	7.860153	14.22394
protein_co	protein_kir	990	707	707	501	480	441	7.583911	6.945232	6.534697	5.956981

protein_co	WD_repeat	1102	885	893	2008	2141	1884	33.38036	34.37653	32.6369	94.40687
protein_co	translocati	5959	4709	5216	389	463	654	40.44841	40.98888	42.71827	4.098341
protein_co	netrin_1	79	40	54	110	169	212	0.622155	0.403962	0.513113	1.344605
protein_co	glucagon-li	3	0	2	0	0	0	0.030768	0	0.024749	0
protein_co	minichrom	502	399	435	621	755	1052	5.13163	5.230388	5.365238	9.853119
protein_co	diacylglyce	466	451	426	216	255	144	4.019637	4.988694	4.433621	2.891913
protein_co	v-erb-b2_er	39	22	37	1484	1796	1558	0.308956	0.223493	0.353657	18.24721
protein_co	rhophilin_a	0	1	1	3	1	0	0	0.029246	0.027517	0.106196
protein_co	ankyrin_rep	532	382	408	5	5	5	6.767631	6.231574	6.262291	0.098725
protein_co	lysyl-tRNA_	2700	2076	2214	3445	3345	3413	58.31554	57.4986	57.69607	115.4889
protein_co	adenosine_	890	733	777	341	375	429	15.07663	15.9231	15.8812	8.966009
protein_co	protein_dis	1932	1580	1644	502	553	400	40.5876	42.565	41.67121	16.36893
protein_co	TBC1_dom	158	134	133	410	437	293	2.139983	2.327381	2.173467	8.619214
protein_co	NADH_deh	1402	1053	1133	1531	1954	1404	46.10084	44.4016	44.95094	78.13876
protein_co	spen_homo	2311	1843	1859	1717	2060	1719	8.858963	9.059779	8.598256	10.21607
protein_co	myosin_lig	1056	754	830	506	715	459	4.938253	4.521578	4.683122	3.672742
protein_co	zinc_finger_	1003	745	829	873	680	1380	21.99752	20.95262	21.9369	29.71785
protein_co	mitogen-ac	700	562	569	454	525	594	8.512192	8.763731	8.348408	8.568991
protein_co	transmemb	389	344	262	303	298	152	7.369785	8.357434	5.989003	8.910012
protein_co	synaptosor	5	5	4	12	10	4	0.049609	0.063616	0.047884	0.184798
protein_co	STE20-like_	1731	1464	1553	935	827	752	10.45153	11.33531	11.31364	8.762441
protein_co	cytochrom	194	140	168	117	105	115	4.033997	3.733114	4.214938	3.776158
protein_co	collagen_ty	14	6	7	6	12	11	0.114486	0.062919	0.069067	0.076156
protein_co	glutathione	18	12	14	230	246	125	0.313296	0.267839	0.294008	6.213569
protein_co	Sec61_alph	221	197	191	213	250	182	4.209055	4.811361	4.389083	6.296547
protein_co	protein_kir	3	3	4	509	490	512	0.042822	0.054913	0.06889	11.27699
protein_co	transducin-	83	33	52	407	470	389	1.438769	0.733561	1.087588	10.9506
protein_co	ankyrin_rep	1325	1126	1096	672	809	791	8.883225	9.680605	8.865707	6.992855
protein_co	family_witl	713	580	591	440	552	622	8.832915	9.214077	8.83385	8.460532
protein_co	malic_enzy	737	678	677	75	94	123	10.25154	12.09374	11.36209	1.619248
protein_co	TBC1_(tre-2	1920	1559	1750	2816	3031	2144	15.79453	16.44603	17.36967	35.95578
protein_co	cyclin-depe	1848	1394	1476	1091	1423	865	11.87349	11.48547	11.44224	10.88007
protein_co	methylenet	874	631	668	1486	2046	1252	9.19701	8.514789	8.481247	24.27082
protein_co	solute_carr	302	253	253	284	309	175	3.689626	3.963741	3.729443	5.385478
protein_co	forkhead_b	904	740	733	388	501	266	7.674919	8.0565	7.508572	5.112903
protein_co	Y_box_binc	19157	15013	15479	19965	22397	19884	589.4174	592.3416	574.6275	953.444
protein_co	phosphodi	338	313	327	276	349	101	3.443151	4.088774	4.019159	4.363942
protein_co	protein_ph	242	175	165	523	721	342	3.633488	3.369425	2.9891	12.18823
protein_co	catenin_(ca	0	1	0	80	116	70	0	0.013826	0	1.338787
protein_co	ELAV_(emb	2455	1972	2190	2337	2907	2605	19.13799	19.71338	20.59856	28.27704
protein_co	tyrosine_ki	23	25	35	25	15	25	0.277813	0.387235	0.510083	0.4687
protein_co	DIP2_disco	1711	1385	1459	751	864	576	9.336532	9.691582	9.605919	6.360716
protein_co	SWI/SNF_re	1812	1543	1501	2994	3600	3108	23.22709	25.36366	23.21483	59.56881
protein_co	lysine_(K)-s	1360	1037	1125	1388	1571	1205	14.25356	13.9371	14.22607	22.57898
protein_co	nuclear_tra	908	626	690	781	912	1151	18.01783	15.92943	16.52014	24.0546
protein_co	zinc_finger_	0	0	1	8	5	3	0	0	0.031874	0.328022
protein_co	solute_carr	259	180	205	259	429	144	4.69989	4.188608	4.488382	7.294879
protein_co	neuronal_g	168	159	182	118	116	52	2.45024	2.97376	3.202719	2.671234
protein_co	asp_(abnor	2003	1604	1834	1072	604	1343	8.626867	8.859024	9.530585	7.16634
protein_co	CD84_mole	0	0	0	0	1	0	0	0	0	0
protein_co	ELOVL_fatty	1625	1343	1415	295	328	353	51.58854	54.67455	54.20064	14.53625
protein_co	spleen_focu	9	8	7	12	7	6	0.300791	0.342864	0.282273	0.622493
protein_co	zinc_ribbon	99	58	76	111	105	122	1.264192	0.949763	1.170953	2.200043
protein_co	metallopho	9	3	5	15	10	17	0.07548	0.032264	0.050595	0.19526
protein_co	claudin_18	51	46	56	8	8	0	0.679372	0.785787	0.900065	0.165409
protein_co	zinc_finger_	365	331	310	193	170	242	2.842999	3.30614	2.913357	2.333306
protein_co	ataxin_3	223	187	197	339	394	274	1.504529	1.617881	1.603651	3.549979
protein_co	golgin_A5	1161	997	1010	486	422	432	18.33591	20.19178	19.24596	11.91343
protein_co	fibroblast_	29	14	20	1420	1681	1946	0.319579	0.197842	0.265925	24.28844
protein_co	leucine_ric	443	321	353	487	403	585	7.202593	6.692671	6.92481	12.28979
protein_co	isochorism	363	254	320	391	440	362	8.773751	7.872664	9.332042	14.66851
protein_co	echinoderm	784	632	683	309	346	436	8.106235	8.37972	8.520633	4.958977
protein_co	tRNA_meth	260	159	173	273	253	234	5.060774	3.968716	4.062915	8.247773
protein_co	THUMP_do	976	766	774	927	971	1120	11.10254	11.17405	10.62335	16.36751
protein_co	Myb/SANT-	469	382	403	193	276	216	11.04541	11.53671	11.4515	7.054998

protein_co	kinesin_fan	22	23	13	2335	2944	2222	0.153646	0.205985	0.109544	25.31141
protein_co	autophagy_	717	627	654	272	319	206	2.891309	3.242293	3.182007	1.702451
protein_co	ADP-ribosy	1119	915	1072	2029	2162	1825	7.262274	7.615054	8.394317	20.43878
protein_co	zinc_finger_	188	128	167	183	202	192	1.610987	1.406545	1.726628	2.433974
protein_co	mitochond	652	531	570	466	556	318	11.58041	12.09429	12.21517	12.84674
protein_co	stromal_an	64	52	61	218	248	139	0.674373	0.70264	0.775529	3.565393
protein_co	ferrochelat	536	380	420	313	366	365	6.522982	5.930268	6.167068	5.912296
protein_co	myosin_IXA	1026	812	846	353	405	251	3.876957	3.934676	3.85711	2.070374
protein_co	DEAD_(Asp	1407	1201	1231	1415	1278	1764	14.84235	16.24654	15.66804	23.16837
protein_co	phosphofru	3536	2786	2968	2797	3215	2283	59.87833	60.49896	60.64142	73.51575
protein_co	isopenteny	2534	1980	2182	710	681	1458	51.63812	51.74142	53.64961	22.45704
protein_co	SP100_nuc	492	406	414	2	2	3	5.942784	6.288691	6.033555	0.037496
protein_co	Kruppel-lik	3045	2412	2517	349	407	410	30.66583	31.14971	30.58431	5.455359
protein_co	phosphatid	305	220	277	358	558	343	8.955201	8.283378	9.813034	16.31507
protein_co	neogenin_1	1034	820	916	1186	1299	1104	6.603688	6.715668	7.058453	11.75658
protein_co	translocati	2290	1776	1863	938	1017	1063	31.63764	31.4645	31.05485	20.11416
protein_co	phosphoryl	200	184	167	301	379	274	1.519197	1.792302	1.530554	3.548796
protein_co	tumor_nec	1895	1527	1506	594	707	582	39.97147	41.30373	38.32781	19.44723
protein_co	calcium_ch	302	234	254	122	138	147	2.667819	2.650786	2.707268	1.672784
protein_co	ecotropic_v	809	653	627	146	182	91	5.124142	5.303898	4.791685	1.435344
protein_co	stomatin_(	205	154	169	122	129	100	3.141325	3.02614	3.124595	2.901678
protein_co	pyruvate_k	38318	30154	31707	21099	18926	15689	595.7333	601.1783	594.7744	509.1449
protein_co	DEAH_(Asp	849	600	634	482	470	732	8.735928	7.917024	7.871159	7.698017
protein_co	deoxynucle	798	646	726	868	635	1608	8.576263	8.903014	9.414123	14.47923
protein_co	methyltran	545	528	450	530	537	450	15.28413	18.98836	15.22666	23.07015
protein_co	tumor_pro	2758	2289	2320	863	1029	1379	20.37861	21.6888	20.68313	9.897411
protein_co	trophinin	2172	1767	1757	951	984	895	21.91632	22.86407	21.39082	14.89425
protein_co	ribosomal_	423	338	370	388	472	822	2.552371	2.615348	2.693725	3.633839
protein_co	ras_homol	10936	8460	8877	5802	6891	5831	252.4812	250.4668	247.2776	207.9116
protein_co	DEAH_(Asp	1312	1139	1158	1078	1259	1386	9.898584	11.01976	10.54134	12.62375
pseudogen	postmeioti	21	36	32	15	9	12	0.936017	2.057674	1.720928	1.037735
protein_co	protein_kir	15	10	10	703	880	505	0.302386	0.258512	0.243231	21.99665
protein_co	zinc_finger_	225	165	161	113	119	213	2.013792	1.893761	1.738625	1.569788
protein_co	isoleucyl-tR	1496	1203	1306	1714	1837	1571	19.72096	20.33628	20.77245	35.07017
protein_co	synaptotag	433	329	417	688	728	765	4.222832	4.114539	4.906819	10.41441
protein_co	neuron_na	793	671	683	8	15	11	3.78615	4.108247	3.934535	0.059285
protein_co	isocitrate_(	1064	810	759	589	695	554	29.14193	28.44926	25.08225	25.03931
protein_co	rogdi_hom	691	522	515	470	560	433	12.07191	11.69439	10.85558	12.7446
protein_co	PDZ_domai	75	57	62	6761	9464	6721	0.953307	0.929086	0.950849	133.3869
protein_co	ATPase_Ca+	4	6	5	7	12	4	0.02782	0.053512	0.041958	0.075565
protein_co	Rho-associa	2140	1910	1878	1218	922	1050	15.08942	17.27036	15.97726	13.3302
protein_co	core-bindir	2383	1853	1919	634	950	661	35.63103	35.5295	34.62002	14.71377
protein_co	pyruvate_d	203	147	164	338	298	221	4.955062	4.601291	4.829975	12.80561
protein_co	hyaluronog	1110	835	856	758	894	1034	12.83866	12.3849	11.94589	13.60806
protein_co	histone_de	655	517	592	629	805	524	3.421676	3.463358	3.731361	5.1001
protein_co	Ras_associa	573	448	506	136	172	191	13.04271	13.07677	13.8967	4.80488
protein_co	fibroblast_g	127	106	103	764	1088	756	1.387149	1.484686	1.35739	12.95219
protein_co	interferon-i	150	97	117	44	54	35	5.667609	4.699912	5.333871	2.580428
protein_co	HEAT_repea	585	474	461	356	450	416	6.976261	7.248607	6.633089	6.589422
protein_co	CoA_syntha	1295	1021	1106	1618	2015	1634	24.70406	24.97662	25.45668	47.90794
protein_co	pleckstrin_	1075	746	807	1330	1663	558	11.61714	10.33806	10.52234	22.30863
protein_co	myocyte_en	1759	1307	1519	343	412	324	14.16201	13.4941	14.75587	4.28631
protein_co	OTU_doma	1869	1334	1525	1347	1783	1461	31.98447	29.27487	31.48819	35.77898
protein_co	transcriptio	1600	1189	1290	1527	1691	1750	21.96897	20.93538	21.37113	32.54312
protein_co	TBC1_dom	451	364	384	216	312	138	5.231914	5.414954	5.374813	3.889272
protein_co	acyl-CoA_sy	1616	1300	1549	1047	897	1041	14.20856	14.65755	16.43268	14.28848
protein_co	inositol_pc	829	666	691	411	486	425	13.12351	13.52007	13.1984	10.09875
protein_co	G_patch_d	703	538	555	389	500	395	18.99924	18.64544	18.09764	16.31778
protein_co	GRIP1_assc	1085	767	811	976	1055	994	15.52034	14.06942	13.99717	21.66964
protein_co	FtsJ_RNA_m	962	736	840	558	621	628	22.71309	22.28375	23.92922	20.44871
protein_co	proline_ric	1168	1025	1092	1011	1111	988	23.4651	26.40662	26.46977	31.52544
protein_co	receptor_a	15	12	5	17	14	10	0.182357	0.187077	0.073341	0.320782
protein_co	ATPase_clas	788	626	655	2391	2830	2056	4.171295	4.249408	4.183445	19.64512
protein_co	polymerase	2549	1795	2076	1475	2045	2753	9.375061	8.465996	9.212546	8.420284
protein_co	lysosomal_	4950	4048	4149	3304	3787	3356	131.5046	137.9068	132.9925	136.2405

protein_co	tetratricop	482	464	445	560	622	477	4.382585	5.410166	4.881927	7.903178
protein_co	inositol_he	1356	1109	1139	1357	1526	1356	25.53529	26.7807	25.87932	39.66353
protein_co	STON1-GTF	0	1	0	0	0	1	0	0.015724	0	0
protein_co	S1_RNA_bi	467	332	380	423	359	410	5.948829	5.42328	5.840449	8.363449
protein_co	cytoplasmi	3731	2883	3155	3325	3719	2884	25.49128	25.25925	26.00841	35.2605
protein_co	kinesin_hea	1125	999	929	791	735	815	15.69978	17.87788	15.64245	17.13358
protein_co	RAS_guanyl	8	8	11	298	413	160	0.125753	0.16126	0.208626	7.270661
protein_co	proteasom	2196	1789	1939	1662	1988	1918	14.50493	15.15315	15.45287	17.03902
protein_co	intraflagell	212	195	211	94	117	89	2.308566	2.723017	2.772279	1.588783
protein_co	sirtuin_2	967	706	710	186	183	113	9.578083	8.967393	8.485131	2.859536
protein_co	endoplasm	1468	1238	1154	464	607	413	28.29204	30.59625	26.83442	13.87991
protein_co	protein_ph	460	361	337	100	135	70	7.857708	7.90778	6.9457	2.651359
protein_co	phosphoryl	3	2	0	143	155	93	0.043987	0.037605	0	3.254381
protein_co	paired-like_	388	302	310	0	2	8	5.657129	5.646517	5.453485	0
protein_co	transient_r	0	0	0	0	0	1	0	0	0	0
protein_co	microtubul	363	259	336	168	201	133	1.585864	1.451003	1.771114	1.139197
protein_co	G_protein-	330	260	291	0	0	0	2.663288	2.690834	2.833644	0
protein_co	sidekick_ce	771	581	652	1184	1558	735	3.371464	3.257989	3.44001	8.036117
protein_co	nucleopori	1041	848	880	1230	1371	1414	11.70845	12.23077	11.94206	21.47257
protein_co	nuclear_ca	8217	6571	6930	7415	8829	7655	59.3127	60.82403	60.35533	83.07608
protein_co	vacuolar_p	2338	1876	1952	1255	1149	1229	16.16945	16.63768	16.2884	13.47178
protein_co	DnaJ_(Hsp4	1269	949	1053	2168	2633	2281	19.21325	18.42531	19.23604	50.94821
protein_co	B-cell_CLL/	307	276	269	138	201	57	7.063413	8.143191	7.467523	4.928171
protein_co	potassium_	294	262	215	129	190	75	3.226226	3.686873	2.84665	2.19719
protein_co	ATP-bindin	8	6	11	1	0	0	0.045233	0.043504	0.075043	0.008776
protein_co	galanin/GM	151	142	148	943	1436	1205	8.655737	10.43818	10.23615	83.90141
protein_co	C-type_lect	95	83	75	64	53	34	2.401376	2.690444	2.287419	2.511001
protein_co	FUN14_dor	182	147	151	179	208	239	7.135437	7.390535	7.142894	10.89263
protein_co	monoamin	21	20	27	31	36	19	0.383745	0.468666	0.5953	0.879257
protein_co	RAR-relatec	116	110	95	147	115	73	0.50159	0.609948	0.495636	0.986595
protein_co	dopamine_	39	26	39	191	234	107	1.329971	1.137	1.604687	10.10978
protein_co	transformi	92	78	70	40	60	59	0.672363	0.731004	0.617251	0.453739
protein_co	KIAA1107	29	24	29	58	37	20	0.294204	0.312227	0.354974	0.91329
protein_co	phospholip	1	0	2	3	4	0	0.047031	0	0.113491	0.218996
protein_co	hairy_and_	11	13	22	33	45	12	0.121021	0.183409	0.292037	0.563523
protein_co	ATPase_Na-	1474	1266	1329	2008	2463	2171	35.42588	39.0181	38.53862	74.90612
protein_co	neural_pre	706	556	617	69	73	98	4.575584	4.620894	4.824753	0.694099
protein_co	phosphatid	89	85	89	32	35	45	1.921368	2.353146	2.318241	1.072262
protein_co	mitogen-ac	1914	1442	1606	1938	1551	2326	21.17685	20.45945	21.43942	33.28156
protein_co	guanine_nu	410	356	323	430	471	301	6.21964	6.925334	5.911966	10.12466
protein_co	RAB27A_m	358	281	340	50	62	51	4.853029	4.884785	5.56105	1.052035
protein_co	cat_eye_syn	516	379	435	2035	2253	1748	6.694867	6.305809	6.809725	40.98143
protein_co	ubiquitin_f	1569	1243	1277	787	922	1022	14.6031	14.83552	14.3404	11.36914
protein_co	low_densit	1049	825	925	935	1091	889	4.908945	4.950807	5.222789	6.791329
protein_co	guanylate_	0	0	1	77	112	74	0	0	0.014756	1.46167
protein_co	secretin	5	5	4	65	59	38	0.640574	0.821445	0.618312	12.92537
protein_co	PHD_and_r	2827	2056	2296	2339	2949	2693	24.0011	22.38401	23.51935	30.82237
protein_co	inhibitor_c	1322	1003	1041	978	1001	1035	10.49765	10.21341	9.973768	12.05396
protein_co	nucleobind	1370	1062	1109	108	102	132	18.88281	18.77068	18.44275	2.31047
protein_co	profilin_2	3015	2462	2475	1452	1873	1328	62.52694	65.47526	61.93029	46.73873
protein_co	protein_tyr	300	249	243	65	90	56	1.604906	1.708194	1.568494	0.539725
protein_co	spectrin_be	61	45	43	228	275	246	0.284238	0.26889	0.241752	1.648991
protein_co	dual_adapt	0	2	2	0	0	0	0	0.040697	0.038291	0
protein_co	fibroblast_	13	9	6	1	2	4	0.277962	0.246771	0.154789	0.033187
protein_co	solute_carr	780	550	625	1260	1592	1470	3.479613	3.14636	3.364065	8.724436
protein_co	transmemb	261	208	197	131	164	146	2.870144	2.933161	2.613831	2.235965
protein_co	smg-6_hom	1677	1356	1491	932	1221	1038	12.42056	12.87885	13.32397	10.71407
protein_co	exocyst_co	1792	1437	1496	1053	822	1109	11.51685	11.843	11.60046	10.50399
protein_co	clathrin_he	443	342	376	265	298	195	3.767872	3.730163	3.858587	3.498394
protein_co	fibroblast_	0	3	2	14	15	7	0	0.105368	0.066093	0.595162
protein_co	follistatin-l	301	176	241	201	285	100	5.643301	4.231445	5.451698	5.849156
protein_co	DiGeorge_s	2678	1996	2086	1965	2709	2684	26.08464	24.93126	24.51527	29.70758
protein_co	ring_finger	1458	981	1039	1486	1981	1752	32.67956	28.19662	28.09845	51.69732
protein_co	MNT_MAX_	671	484	629	269	337	481	6.297678	5.825224	7.122897	3.918688
protein_co	ZXD_family	637	502	531	644	782	718	6.438659	6.506824	6.475877	10.10351

protein_co	jumonji_dc	691	542	567	261	346	222	6.115704	6.151444	6.054796	3.585415
protein_co	polymerase	277	239	253	325	417	369	9.685708	10.71665	10.67383	17.63865
protein_co	ST6_(alpha-	0	0	0	1	0	1	0	0	0	0.027392
protein_co	WD_repeat	1093	934	956	197	220	140	27.17433	29.77796	28.67772	7.602132
protein_co	FERM_and_	0	0	0	5	11	2	0	0	0	0.066587
protein_co	glucosidase	1255	952	1045	1857	2369	1972	15.66329	15.23651	15.73633	35.97341
protein_co	N-deacetyla	4974	3711	4256	1834	2372	2895	29.04495	27.7885	29.98572	16.62244
protein_co	asparagine_	950	675	745	1731	2222	1681	18.90727	17.22734	17.88996	53.47277
protein_co	adaptor-rel	351	226	296	196	274	242	4.485799	3.703825	4.564282	3.887937
protein_co	cyclic_nucl	0	0	0	2	2	1	0	0	0	0.033355
protein_co	ST6_(alpha-	11	7	12	38	39	22	0.091226	0.074444	0.120075	0.489146
protein_co	choline_O-	2	2	4	0	0	0	0.037097	0.047571	0.089518	0
protein_co	poly(A)_bir	10955	9126	9172	20313	24244	19925	147.3975	157.459	148.8983	424.2112
protein_co	testis-speci	62	69	40	407	420	190	0.945732	1.349693	0.736181	9.636103
protein_co	chromosor	366	317	287	337	441	444	10.69268	11.8761	10.11662	15.28149
protein_co	casein_kina	1389	1086	1202	1903	2168	1959	13.08361	13.11791	13.66086	27.82241
protein_co	protein_tyr	1149	834	920	193	219	255	8.737695	8.133028	8.441366	2.278057
protein_co	eukaryotic_	536	391	454	378	472	404	15.14952	14.17164	15.48239	16.58274
protein_co	calcium/ca	11	17	9	7	16	0	0.096917	0.192072	0.095674	0.095727
protein_co	Treacher_C	2294	1780	2056	5086	6600	6276	20.52781	20.42577	22.19833	70.64085
protein_co	cell_divisio	5742	4738	4939	2948	3278	3103	119.451	126.3953	123.9691	95.18849
protein_co	oxysterol_b	552	472	518	326	422	338	3.828889	4.198412	4.335224	3.509795
protein_co	EPH_recept	0	0	0	102	104	51	0	0	0	1.501829
protein_co	solute_carr	2	0	0	0	0	0	0.016846	0	0	0
protein_co	RAD18_hor	352	328	328	401	466	493	2.80416	3.35076	3.152695	4.958325
protein_co	ATPase_Ca+	1647	1383	1483	599	554	694	10.98235	11.82587	11.93138	6.199531
protein_co	transient_r	2	0	0	1	5	2	0.02385	0	0	0.01851
protein_co	NCK_adapt	2166	1575	1729	1590	2039	1417	37.85456	35.29796	36.45883	43.13078
protein_co	mitogen-ac	13219	10756	11436	2708	3198	3397	89.08295	92.95144	92.98613	28.32534
protein_co	mannosyl_(	269	228	235	91	114	49	1.504822	1.635599	1.586166	0.790141
protein_co	ribosomal_	7534	6195	6402	9599	10039	9187	151.748	160.0103	155.5826	300.0916
protein_co	WD_repeat	9474	7109	7820	6396	7262	8179	99.11558	95.37321	98.7105	103.8598
protein_co	sorting_nex	585	460	538	340	278	284	4.024451	4.058055	4.465614	3.630448
protein_co	membrane-	0	0	0	0	3	2	0	0	0	0
protein_co	Rho_GTPas	990	730	718	168	196	207	5.669409	5.360864	4.961067	1.493284
protein_co	ribosomal_	1453	1051	1230	810	1077	688	11.37036	10.5468	11.61346	9.838391
protein_co	inhibitor_c	248	180	182	132	160	394	3.078826	2.865598	2.726169	2.543536
protein_co	vasohibin_	5160	3660	4172	269	402	177	42.26983	38.44777	41.23568	3.420295
protein_co	LIM_and_cy	798	595	654	61	94	113	20.21515	19.32859	19.9894	2.39847
protein_co	Williams_B	1685	1277	1339	1136	1412	1568	20.33188	19.75959	19.49424	21.27582
protein_co	sel-1_suppr	2211	1763	1879	406	495	441	13.08187	13.37651	13.41393	3.72853
protein_co	thyroid_ho	810	668	667	700	875	1008	14.21441	15.03245	14.1227	19.06656
protein_co	ATPase_H+_	3217	2533	2644	988	1184	1113	33.40979	33.73395	33.13082	15.92612
protein_co	transcriptic	8335	6133	6818	6953	8958	7254	82.75001	78.08089	81.67093	107.1433
protein_co	tribbles_ho	9381	7361	7793	1699	2129	1646	100.1766	100.8006	100.4083	28.16053
protein_co	DAZ_associ	3270	2550	2698	5344	7092	5991	38.91633	38.91649	38.7413	98.71453
protein_co	methyl-CpG	2089	1478	1530	1245	1807	2002	35.20965	31.94531	31.11449	32.5704
protein_co	helicase-lik	923	674	719	1155	1272	827	8.139832	7.622246	7.650515	15.80979
protein_co	family_witl	1787	1432	1571	613	791	740	57.00167	58.57542	60.46267	30.34967
protein_co	family_witl	609	463	503	420	528	404	7.144363	6.965248	7.11971	7.647615
protein_co	cleavage_ar	4669	3479	3833	3858	4694	3402	48.54312	46.38394	48.08291	62.2582
protein_co	myosin_IIIB	4	3	6	5	10	12	0.030828	0.02965	0.055794	0.059812
protein_co	cytochrom	1773	1443	1477	130	116	93	19.04605	19.87796	19.14365	2.167554
protein_co	cadherin_1	0	0	0	1	0	0	0	0	0	0.011478
protein_co	programme	797	631	686	1489	1943	1707	11.06316	11.23206	11.48928	32.08085
protein_co	solute_carr	216	159	178	403	525	431	2.39495	2.260732	2.381282	6.935507
protein_co	retinol_deh	2649	2209	2311	1390	1628	1819	30.78356	32.91864	32.40297	25.0716
protein_co	protein_kir	2568	2104	2135	655	998	664	38.78054	40.74496	38.90135	15.3529
protein_co	latrophilin_	1258	754	957	3482	4767	2982	10.42553	8.013055	9.56924	44.78955
protein_co	secreted_p	0	0	1	0	0	0	0	0	0.05525	0
protein_co	actinin_alp	18421	13911	15359	4971	5947	5538	184.8012	178.9614	185.91	77.40445
protein_co	zinc_finger_	1150	824	916	640	747	879	5.57349	5.121132	5.356399	4.814374
protein_co	ribosomal_	41	35	32	199	173	132	0.754806	0.826283	0.710803	5.686368
protein_co	epsin_2	837	702	675	748	910	433	8.057266	8.665801	7.839964	11.1762
protein_co	protein_tyr	586	438	534	339	462	252	7.489112	7.17821	8.234211	6.724544

protein_co	LIM_and_se	193	122	141	30	42	38	1.882624	1.526073	1.659485	0.454211
protein_co	acid-sensin	1	0	1	13	32	4	0.014039	0	0.016939	0.283275
protein_co	SPEG_comp	3107	2603	2651	1251	1821	705	13.51208	14.51659	13.91038	8.444401
protein_co	ligand_of_r	33	19	21	128	119	82	0.411863	0.30409	0.316233	2.479589
protein_co	aldehyde_d	505	411	419	1113	1467	1530	6.028375	6.291585	6.034913	20.62218
protein_co	transferrin_	1030	872	934	821	1167	852	9.449563	10.25889	10.33878	11.69091
protein_co	sterol_regu	4796	3491	3698	1834	2677	3922	48.33108	45.1135	44.96373	28.68647
protein_co	transient_r	0	0	0	13	29	12	0	0	0	0.162038
protein_co	AF4/FMR2_	4721	3814	4055	1369	1675	1388	23.17502	24.00911	24.01734	10.43086
protein_co	ubiquitin-c	342	256	265	347	506	505	10.35273	9.937526	9.678831	16.3038
protein_co	membrane_	560	447	499	474	511	558	4.729541	4.841142	5.084866	6.213549
protein_co	Rho-relatec	840	705	729	301	347	298	8.805637	9.477198	9.220555	4.897545
protein_co	N-acylsphir	3	2	0	0	0	0	0.06862	0.058663	0	0
protein_co	structural_	3294	2522	2883	3107	3477	3541	15.78656	15.49952	16.67081	23.1119
protein_co	hydroxyste	931	701	685	1112	1169	1325	45.47355	43.90728	40.36898	84.30327
protein_co	MAP/microc	1206	918	891	1842	2602	1525	11.96052	11.67495	10.66175	28.35457
protein_co	hyaluronan	423	353	398	860	650	834	6.396155	6.84483	7.261223	20.18401
protein_co	checkpoint	417	319	370	420	589	608	6.001577	5.887479	6.425088	9.382295
protein_co	thyrotropir	110	91	104	55	90	70	0.918103	0.973979	1.047322	0.712511
protein_co	prolyl_4-hy	2050	1691	1704	215	172	91	28.70246	30.36115	28.7861	4.672337
protein_co	Fc_fragmen	1	1	0	0	0	0	0.010019	0.012848	0	0
protein_co	nuclear_fac	446	362	402	251	359	241	3.304827	3.439789	3.594082	2.886809
protein_co	tRNA_nucle	373	294	336	226	260	471	7.684524	7.767206	8.352096	7.226817
protein_co	acyl-CoA_d	3896	3055	3263	1386	1905	1385	77.67156	78.10227	78.48889	42.8881
protein_co	serine/thre	2399	1840	2039	531	759	491	18.56257	18.25723	19.03588	6.37724
protein_co	F-box_and_	1373	1096	1152	747	926	681	14.18374	14.51911	14.35889	11.97764
protein_co	ArfGAP_wit	103	69	69	349	432	231	0.98605	0.847071	0.797001	5.185821
protein_co	collapsin_r	2500	1899	1935	3268	4122	3910	37.26162	36.29577	34.79771	75.60216
protein_co	Ellis_van_C	2078	1567	1823	225	297	195	13.79548	13.34042	14.60246	2.318484
protein_co	derlin_2	737	606	712	283	338	511	8.210488	8.657319	9.570387	4.893486
protein_co	SID1_transı	5	2	6	9	0	2	0.046152	0.023673	0.066821	0.128941
protein_co	nudE_nucle	745	615	603	418	427	324	8.87527	9.395281	8.667436	7.729156
protein_co	murine_ret	14	19	17	142	188	77	0.105744	0.184031	0.154926	1.664744
protein_co	transmemb	8	8	18	175	266	143	0.141608	0.181592	0.384432	4.808028
protein_co	adaptor-rel	2155	1656	1751	541	580	709	38.34838	37.78935	37.59534	14.94265
protein_co	poliovirus_	1433	1065	1241	277	373	444	20.20854	19.25962	21.11585	6.063159
protein_co	inhibitor_c	203	157	148	70	102	107	1.741752	1.727425	1.532145	0.932221
protein_co	X-ray_repai	626	482	523	496	607	454	10.47579	10.34353	10.55995	12.88322
protein_co	scavenger_	2676	2073	2314	1396	1674	1365	22.70268	22.55275	23.68658	18.38259
protein_co	cytochrom	6	6	13	14	29	6	0.119161	0.152808	0.311513	0.431562
protein_co	minichrom	2354	1716	1891	3761	4380	6116	30.49989	28.51139	29.56183	75.63549
protein_co	Mov10l1_M	4	1	0	4	6	3	0.047364	0.015184	0	0.073515
protein_co	pannexin_2	61	43	49	238	395	238	0.937493	0.847454	0.90862	5.677349
protein_co	Selenoprot	707	575	603	668	973	632	14.32019	14.93505	14.73651	21.00082
protein_co	tumor_pro	1	1	4	4	2	2	0.009552	0.012249	0.046099	0.059303
protein_co	alpha-kinas	258	218	212	8	8	15	2.147634	2.327054	2.12924	0.103362
protein_co	lethal_gian	29	8	14	1916	2594	1540	0.385543	0.136387	0.22457	39.53674
protein_co	phosphodi	567	386	466	98	154	85	5.700394	4.976437	5.652698	1.52925
protein_co	chloride_cl	201	152	166	104	150	127	1.396281	1.354034	1.391338	1.121348
protein_co	notchless_h	538	357	416	847	939	962	4.772385	4.060979	4.452404	11.66184
protein_co	succinate_c	1891	1513	1623	2447	2628	1534	29.54649	30.31536	30.59715	59.34428
protein_co	SWI/SNF_re	774	617	588	523	691	621	6.214533	6.352754	5.696301	6.51778
protein_co	fibronectin	3	6	3	6	1	3	0.101347	0.259927	0.122281	0.31461
protein_co	gasdermin_	258	199	232	308	394	133	2.598845	2.570533	2.81966	4.815506
protein_co	lysine_(K)-s	1409	1104	1183	686	727	754	6.13844	6.167732	6.218417	4.638757
protein_co	ADAM_met	44	19	28	117	107	64	0.451359	0.249938	0.346557	1.862883
protein_co	protein_ph	775	632	645	277	260	282	5.348015	5.592646	5.370302	2.966888
protein_co	fermitin_fa	3005	2223	2368	1246	1476	1362	23.48017	22.27438	22.32475	15.11142
protein_co	ATP-bindin	2	1	4	0	0	1	0.01964	0.012593	0.047393	0
protein_co	dehydroger	84	75	101	0	2	1	1.375266	1.574628	1.995156	0
protein_co	prostaglan	275	194	190	13	13	32	2.856614	2.584223	2.381335	0.209601
protein_co	insulin-like	2970	2454	2499	3014	3783	2425	37.76121	40.01044	38.33573	59.47894
protein_co	mitogen-ac	174	140	138	102	116	129	0.82613	0.852387	0.790545	0.751675
protein_co	ST6_beta-g	522	466	443	2165	2550	1802	5.002368	5.726647	5.122205	32.20279
protein_co	T-box_21	0	0	0	1	0	0	0	0	0	0.028297

pseudogen	voltage-dep	2	2	3	3	4	0	0.11059	0.141816	0.200149	0.257476
protein_co	furry_hom	415	341	338	107	108	78	1.812702	1.910038	1.781325	0.725425
protein_co	phosphatid	3565	2851	3157	750	901	844	46.26707	47.44812	49.43506	15.1079
protein_co	N-ethylmal	676	575	619	261	318	317	7.958235	8.680551	8.792427	4.769151
protein_co	GLI_family_	1357	1045	1172	1205	1621	1198	9.358693	9.241894	9.752389	12.89891
protein_co	cytoplasmi	2246	1758	1846	1237	1416	1256	13.01792	13.06652	12.90957	11.12838
protein_co	mitochond	1669	1210	1303	2661	3488	3125	75.24946	69.95871	70.88258	186.2183
protein_co	notch_3	6925	4771	5468	6755	8351	5694	40.23211	35.54445	38.32919	60.91284
protein_co	chloride_cl	854	711	732	1371	1456	1566	13.37924	14.28409	13.83671	33.33816
protein_co	protein_ph	1	2	0	346	327	271	0.010333	0.026501	0	5.549099
protein_co	TEA_domai	2399	1891	1893	1927	2123	2209	46.10211	46.60059	43.89239	57.47815
protein_co	embryonic_	370	317	363	372	482	392	6.270078	6.888741	7.422085	9.784635
protein_co	cadherin-re	42	34	26	13	12	24	0.436767	0.453407	0.326228	0.209833
protein_co	synuclein_l	1	1	2	169	182	103	0.033905	0.043478	0.081816	8.893555
protein_co	tumor_sus	1087	845	883	696	716	804	24.25961	24.18357	23.77733	24.10982
protein_co	chromosor	1164	904	1026	474	581	696	13.32519	13.27083	14.1715	8.422272
protein_co	ATPase_Ca+	57	48	55	1440	1915	1266	0.556935	0.601423	0.648396	21.83849
protein_co	carbonic_a	499	486	491	41	49	48	3.648545	4.55685	4.331603	0.4653
protein_co	monoglyce	1282	971	1063	18	21	26	12.16616	11.81664	12.17158	0.265136
protein_co	netrin_4	86	53	59	51	83	21	1.115502	0.881571	0.923362	1.026769
protein_co	BC1_(ubiqu	456	373	446	358	393	406	10.61134	11.13073	12.52242	12.9306
protein_co	NUAK_fami	1557	1101	1302	529	581	1029	10.69241	9.695798	10.78812	5.638623
protein_co	dipeptidyl-	947	702	838	353	510	475	5.104592	4.85241	5.450083	2.953359
protein_co	solute_carr	194	160	185	154	214	148	1.577091	1.667956	1.814575	1.94315
protein_co	zinc_finger_	4415	3589	3913	2694	3184	3450	30.91688	32.22907	33.06152	29.28148
protein_co	scavenger_	425	299	321	65	77	28	5.78805	5.221844	5.274684	1.374001
protein_co	lectin_man	6504	5493	5812	1206	1062	1009	55.23867	59.82485	59.55748	15.89792
protein_co	protein_tyr	3400	2834	2863	2627	3232	2907	49.43444	52.83964	50.22501	59.28451
protein_co	interaction	1	3	0	14	20	13	0.00701	0.026968	0	0.152327
protein_co	zinc_finger_	1564	1187	1254	631	796	787	6.401535	6.230278	6.192884	4.008734
protein_co	enolase_1_	32054	25314	27082	46941	41960	37901	663.2889	671.7236	676.1597	1507.66
protein_co	solute_carr	6	8	17	6	14	42	0.032593	0.055727	0.111421	0.050588
protein_co	chromosor	4985	3821	4066	1006	1186	1046	229.6137	225.6935	225.9686	71.92189
protein_co	anoctamin_	1121	856	919	858	1055	707	11.38235	11.14576	11.25875	13.5221
protein_co	tubulin_ep	144	103	110	159	220	143	1.870405	1.715615	1.723907	3.205537
protein_co	Rho_guanir	521	347	411	1286	1709	1139	5.328179	4.550717	5.071436	20.41327
protein_co	TXK_tyrosir	1	0	0	1	11	4	0.016091	0	0	0.024976
protein_co	WSC_doma	0	0	0	30	46	13	0	0	0	0.463566
protein_co	potassium_	110	59	63	1901	2428	1528	1.574932	1.083254	1.088323	42.24562
protein_co	tachykinin_	8	1	4	1	5	8	0.180086	0.028867	0.108642	0.03494
protein_co	ARP6_actin	279	234	243	351	377	283	5.309381	5.710378	5.579484	10.36758
protein_co	TIMELESS_i	170	131	138	211	234	340	4.570701	4.51663	4.476731	8.805354
protein_co	sorcin	918	729	792	713	739	709	21.41544	21.80827	22.29244	25.81691
protein_co	eukaryotic_	3539	2788	3059	1540	1924	1616	26.7824	27.05647	27.93164	18.08923
protein_co	nucleopori	178	152	151	335	360	374	6.49022	7.107099	6.643003	18.95897
protein_co	sema_dom	3602	2839	3121	313	302	505	29.84588	30.16584	31.20201	4.02546
protein_co	G-2_and_S-	1373	1024	1235	1173	1389	962	20.68766	19.78564	22.45204	27.43275
protein_co	sema_dom	11352	8448	8955	52	40	121	102.8789	98.17869	97.91914	0.731455
protein_co	tetratricop	722	554	557	319	388	312	12.97111	12.76318	12.07378	8.895309
protein_co	acetyl-CoA_	486	331	398	287	363	227	10.09236	8.814421	9.972122	9.250577
protein_co	GRAM_don	941	732	775	750	1112	578	9.840211	9.816015	9.778327	12.17325
protein_co	cadherin_E	626	427	521	1156	1590	1127	2.577325	2.254405	2.588097	7.387255
protein_co	wingless-ty	2	1	1	12	7	3	0.044403	0.028471	0.026788	0.413522
protein_co	zinc_finger_	1736	1405	1428	1576	1083	1552	11.93389	12.38563	11.84428	16.81586
protein_co	solute_carr	250	204	240	141	134	131	2.898023	3.032504	3.356767	2.536947
protein_co	translocase	391	312	371	377	456	471	7.263866	7.432843	8.315972	10.87083
protein_co	adducin_2_	0	1	4	5498	5953	5119	0	0.010268	0.038644	68.33049
protein_co	fibroblast_	0	0	0	38	71	27	0	0	0	2.266912
protein_co	RAS_protei	656	490	534	505	597	515	2.822523	2.703579	2.772189	3.372527
protein_co	VPS9_dom	304	231	259	52	68	61	5.107333	4.976705	5.25011	1.355983
protein_co	zinc_finger_	300	252	277	132	181	147	2.001851	2.156355	2.230171	1.367146
protein_co	MAP/microc	1713	1285	1388	1145	1489	1024	22.41144	21.55881	21.91038	23.25136
protein_co	solute_carr	7777	6318	6504	6574	7479	6984	112.6896	117.398	113.7105	147.8537
protein_co	fibronectin	3734	2895	3230	676	738	527	22.15174	22.02376	23.1198	6.224588
protein_co	FOS-like_an	2062	1504	1590	190	191	108	14.41372	13.4817	13.41012	2.061443

protein_co	calcium_ch	0	0	0	16	21	10	0	0	0	0.888236
protein_co	calcium_ch	60	45	57	76	113	67	0.832367	0.800545	0.954084	1.636469
protein_co	FRY-like	1474	1197	1353	495	406	290	5.904313	6.148588	6.539096	3.077567
protein_co	transmemb	1374	1059	1206	493	628	403	8.621288	8.521003	9.13021	4.801344
protein_co	fascin_hom	28738	21309	23351	17877	23184	22818	485.245	461.3993	475.7273	468.5216
protein_co	actin_beta	136889	111024	117788	67717	81600	91074	2859.121	2973.653	2968.337	2195.292
protein_co	molybdenu	90	83	75	136	223	135	0.685081	0.81019	0.688825	1.606827
protein_co	phospholip	91	73	72	12	17	16	0.728777	0.749697	0.695719	0.149164
protein_co	ATPase_H+/	2	1	2	56	74	17	0.025129	0.016112	0.030319	1.092087
protein_co	WD_repeat	767	574	633	1013	1407	1106	6.023219	5.780356	5.997705	12.34734
protein_co	discs_large	1295	1049	1160	735	873	799	12.06249	12.53003	13.03687	10.62637
protein_co	RAB7A_me	3993	3258	3428	2845	3294	2916	83.43665	87.30075	86.4264	92.27207
protein_co	B-cell_rece	1015	708	781	174	198	202	8.244131	7.374311	7.653814	2.193606
protein_co	SEC31_hon	111	98	96	54	64	30	1.023155	1.158388	1.067672	0.772579
protein_co	squamous_	1515	1335	1266	1960	2513	2097	17.74185	20.04827	17.88826	35.62648
protein_co	Rho_GTPas	0	0	3	3	1	0	0	0	0.057185	0.073564
protein_co	tubulin_alp	34	17	30	10	14	9	1.031216	0.661194	1.097843	0.470762
protein_co	paired_box	0	0	0	1	2	7	0	0	0	0.017291
protein_co	exosome_c	305	281	307	757	965	701	8.683337	10.25894	10.54565	33.45131
protein_co	kinesin-ass	844	655	728	32	44	32	9.626654	9.580398	10.01872	0.566518
protein_co	makorin_ri	943	775	829	419	464	346	15.52573	16.36257	16.46808	10.70742
protein_co	minichrom	1858	1520	1640	2781	2944	4352	23.3195	24.46394	24.83507	54.17576
protein_co	REX2_RNA_	449	386	392	263	332	327	18.13404	19.99147	19.10215	16.48672
protein_co	RNA_bindi	255	201	203	314	376	305	1.777986	1.797188	1.707781	3.398194
protein_co	RNA_bindi	868	685	713	111	91	85	12.93312	13.08831	12.81803	2.567066
protein_co	bromodom	2691	2249	2333	2206	2811	2041	14.26742	15.29081	14.92432	18.1538
protein_co	protein_tyr	2975	2097	2346	1711	2323	1389	26.60141	24.04504	25.31009	23.74642
protein_co	mutL_hom	731	614	630	621	632	856	12.45516	13.41559	12.95151	16.42306
protein_co	uracil-DNA	701	487	558	2167	2679	3500	14.71347	13.10797	14.13121	70.59706
protein_co	flavin_cont	11	8	15	37	35	14	0.229036	0.213605	0.376835	1.19576
protein_co	kelch-like_f	510	417	420	135	130	182	6.990327	7.329472	6.945838	2.872047
protein_co	regulator_c	5	4	6	11	21	12	0.054599	0.056013	0.079053	0.186441
protein_co	solute_carr	39	40	33	40	52	46	0.281904	0.370771	0.287805	0.448773
protein_co	plexin_A2	555	427	450	76	102	81	2.274027	2.243571	2.224657	0.483333
protein_co	sperm_assc	376	341	373	479	486	507	4.364021	5.075312	5.223432	8.62909
protein_co	ankyrin_rep	597	501	477	274	335	333	6.748636	7.262543	6.50591	4.807537
protein_co	tumor_pro	17	32	32	743	958	724	0.203453	0.491106	0.462077	13.80178
protein_co	acetyl-CoA_	141	123	151	329	400	192	0.706356	0.790167	0.912703	2.558179
protein_co	TNF_recept	1670	1165	1264	3081	3538	3360	26.80806	23.98193	24.48183	76.76637
protein_co	phosphopr	28	22	21	3	3	23	0.299275	0.30154	0.27082	0.04977
protein_co	G_patch_d	220	183	188	209	257	263	2.954125	3.151132	3.045875	4.35595
protein_co	intercellula	353	290	271	332	379	304	6.644792	7.000257	6.154943	9.700078
protein_co	5'-nucleoti	1282	1087	1072	1068	1468	1190	11.42181	12.41898	11.52364	14.76892
protein_co	melanoma_	979	780	809	494	644	597	9.435833	9.640543	9.407931	7.390179
protein_co	glypican_4	2332	1768	1845	3775	4396	4130	22.04587	21.43336	21.04472	55.39188
protein_co	muscleblin	52	76	66	53	53	147	0.215892	0.404628	0.330617	0.341538
protein_co	calmodulin	1	3	2	1223	1769	782	0.01122	0.043166	0.027076	21.29928
protein_co	RAP1_GTPa	33	24	21	285	365	200	0.360356	0.336077	0.276685	4.830518
protein_co	XPA_bindir	1334	1064	1053	1991	2435	1718	13.73244	14.04569	13.07882	31.8122
protein_co	Rho_guanir	3633	2522	2979	1780	2302	1583	49.53517	44.09635	49.00798	37.67027
protein_co	syntaxin_bi	13	7	9	457	560	385	0.3088	0.213226	0.257943	16.84922
protein_co	mitogen-ac	835	570	642	1046	1411	917	11.19622	9.800968	10.38647	21.76942
protein_co	nicotinami	0	0	0	577	688	529	0	0	0	37.2948
protein_co	diacylglyce	826	685	736	712	896	604	6.150731	6.541037	6.612605	8.229191
protein_co	cortactin_b	440	383	410	367	385	434	3.455881	3.857573	3.88542	4.474068
protein_co	actin-like_6	0	0	1	20	15	7	0	0	0.036809	0.947037
protein_co	retinoic_ac	24	21	15	6	4	4	0.364903	0.409444	0.275173	0.141595
protein_co	topoisome	4296	3630	3714	4785	5082	4048	37.37976	40.50309	38.9908	64.62263
protein_co	transmemb	4573	3582	3826	2225	2641	2727	34.91745	35.07327	35.24799	26.36949
protein_co	nuclear_fac	986	735	810	695	800	323	14.90924	14.25198	14.77786	16.3115
protein_co	ubiquitin-c	446	369	366	543	467	638	22.68216	24.06496	22.45839	42.86272
protein_co	protein_ph	237	256	253	446	510	249	1.000174	1.385404	1.288237	2.92141
protein_co	DnaJ_(Hsp4	3400	2627	2846	1036	1157	1449	30.24015	29.96225	30.54133	14.30195
protein_co	general_tra	4492	3397	3753	3531	4349	3908	30.01282	29.10529	30.25475	36.61805
protein_co	interleukin	1768	1434	1430	674	890	889	22.49703	23.39922	21.95467	13.31169

protein_co	ubiquitin_s	954	821	832	978	1086	1054	9.936268	10.96547	10.45554	15.81045
protein_co	p21_protei	306	238	264	57	62	39	5.4391	5.424902	5.66184	1.572573
protein_co	calpain_6	358	308	292	88	118	133	4.704772	5.190577	4.630058	1.795018
protein_co	doublecort	20	11	14	34	62	34	0.099713	0.070327	0.084217	0.263106
protein_co	small_nucl	1527	1135	1217	2895	3453	2381	44.17092	42.10199	42.47526	129.98
protein_co	exosome_c	217	143	146	756	969	740	9.101193	7.69102	7.388214	49.21425
protein_co	dynein_cyt	2858	2452	2555	1430	1510	1393	51.44402	56.59818	55.4896	39.95206
protein_co	amyloid_be	56	41	48	8	6	6	0.947615	0.889687	0.980016	0.210119
protein_co	leucine-ricl	1085	807	834	1001	1369	783	10.70166	10.20714	9.92511	15.32448
protein_co	family_witl	247	205	204	229	217	368	2.930626	3.119081	2.920396	4.217251
protein_co	sirtuin_6	559	377	437	467	619	398	15.97289	13.8141	15.06612	20.71186
protein_co	tyrosinase	5	0	2	0	0	0	0.094346	0	0.045534	0
protein_co	polymerase	435	327	349	366	527	536	5.338173	5.145889	5.167456	6.971318
protein_co	actinin_alp	41	62	56	40	41	18	0.39533	0.766615	0.651497	0.598641
protein_co	capping_pr	5007	3901	4197	4504	5226	4298	113.5292	113.4267	114.8198	158.5107
protein_co	G_protein-	384	298	337	166	212	133	8.830685	8.787974	9.350635	5.925182
protein_co	N-acetylate	30	35	25	83	85	150	0.39075	0.584595	0.392885	1.677979
protein_co	PHD_finger	1114	880	889	2308	2688	2868	9.051374	9.168986	8.715235	29.10688
protein_co	solute_carr	386	322	332	97	109	83	6.50361	6.957166	6.749216	2.536702
protein_co	ubiquitin-c	946	756	861	445	589	556	16.78318	17.19944	18.43039	12.25388
protein_co	fibroblast_	10861	7715	8471	10176	11856	9215	86.31737	78.62735	81.229	125.5267
protein_co	FK506_bin	0	0	1	0	2	0	0	0	0.029268	0
protein_co	general_tra	1651	1310	1347	1530	1897	1948	17.02186	17.31971	16.7562	24.48397
protein_co	structural_	4	1	1	5	8	2	0.044647	0.014313	0.013467	0.086622
protein_co	fibulin_1	6210	4545	4753	5651	6856	5839	98.80794	92.73496	91.24648	139.5584
protein_co	integrin_al	107	104	92	0	0	3	0.742743	0.925759	0.770532	0
protein_co	cystatin_F_	1	1	0	1	0	2	0.050419	0.064656	0	0.078258
protein_co	microtubul	1287	994	982	24	21	40	6.21434	6.154775	5.721053	0.17987
protein_co	protein_inl	557	415	447	648	737	660	4.419993	4.223027	4.279785	7.981268
protein_co	amphiphys	250	236	267	163	168	122	3.429638	4.151735	4.419444	3.470775
protein_co	v-raf_murir	1095	819	902	803	956	695	20.88876	20.03511	20.76123	23.77631
protein_co	methylcrot	319	276	259	241	334	242	5.204564	5.774469	5.098488	6.102969
protein_co	lysosomal-a	4	0	1	3	1	4	0.055573	0	0.016763	0.064693
protein_co	fibroblast_	1392	1205	1181	0	0	0	23.47874	26.06345	24.03441	0
protein_co	nebulette	13	11	12	55	61	72	0.066143	0.07177	0.073666	0.434341
protein_co	alkaline_ce	371	286	290	313	304	254	2.357847	2.330865	2.223759	3.087568
protein_co	ubiquitin-c	2164	1642	1819	2169	2870	2700	19.34604	18.82424	19.62075	30.09712
protein_co	phosphatid	711	597	631	400	376	453	3.530531	3.801492	3.780488	3.08291
protein_co	NEDD4_bin	841	641	672	718	470	853	4.045809	3.954365	3.900558	5.361229
protein_co	chromosor	472	351	388	277	318	251	16.26164	15.50739	16.1288	14.81264
protein_co	tubby_like_	1516	1156	1249	363	458	344	23.10964	22.59754	22.9723	8.588774
protein_co	synaptojan	1329	1124	1284	282	372	539	8.446304	9.160462	9.845886	2.781771
protein_co	adenylate_	862	742	739	2064	2398	2050	4.07945	4.503059	4.219752	15.16123
protein_co	protein_ph	1789	1523	1575	1252	1337	1224	18.72043	20.43688	19.88539	20.33482
pseudogen	postmeioti	142	102	106	112	125	91	6.377761	5.87475	5.744256	7.807795
protein_co	RNA_bindi	0	0	1	0	4	0	0	0	0.013802	0
protein_co	guanine_nu	14001	11235	12044	6758	8531	7087	209.8808	215.9713	217.8374	157.2397
protein_co	homeobox_	181	150	151	0	1	9	4.119948	4.378383	4.147039	0
protein_co	endothelin	15	9	11	4	2	2	0.345967	0.266192	0.306114	0.143197
protein_co	myeloid/ly	705	594	606	824	882	663	6.448978	6.96783	6.688403	11.69929
protein_co	zinc_finger_	23	8	14	31	24	21	0.457755	0.204176	0.336187	0.957629
protein_co	adenylate_	5	1	0	237	319	196	0.036142	0.009269	0	2.658981
protein_co	fibroblast_	0	1	4	3	9	2	0	0.035622	0.134065	0.129348
protein_co	purinergic_	0	0	1	0	0	0	0	0	0.033008	0
protein_co	integral_m	110	75	87	409	416	360	3.037634	2.65591	2.898745	17.53059
protein_co	nardilysin_	3213	2717	2885	2563	2980	2505	38.67975	41.9442	41.90509	47.89079
protein_co	voltage-dep	1452	1126	1117	1097	1228	1386	47.64472	47.38009	44.22312	55.87085
protein_co	pericentrio	2384	2013	2045	1642	1087	1659	16.39088	17.74799	16.96436	17.52264
protein_co	trinucleoti	550	437	523	1366	1377	635	2.647794	2.697815	3.037884	10.20711
protein_co	core-bindir	1070	779	922	654	760	313	6.429875	6.002962	6.684944	6.09996
protein_co	deleted_in_	6	5	9	187	187	203	0.087864	0.093894	0.159019	4.250413
protein_co	itchy_E3_u	1345	1070	1104	549	621	419	9.852691	10.05138	9.75775	6.242167
protein_co	polycystic_	0	1	1	8	3	4	0	0.025774	0.02425	0.249566
protein_co	tumor_pro	1010	795	871	112	139	168	11.31905	11.42524	11.77755	1.948216
protein_co	stromal_ce	4621	3318	3624	1842	2433	1978	61.6265	56.74365	58.31332	38.12867

protein_co	myosin_he	39	44	39	22	24	18	0.290594	0.420421	0.350619	0.254434
protein_co	tumor_pro	11	5	2	196	235	65	0.09942	0.057951	0.02181	2.749584
protein_co	toll_interac	1412	1061	1104	540	720	505	18.0602	17.40254	17.03747	10.72043
protein_co	ubiquitin-c	35	24	18	4	12	9	1.168079	1.027128	0.724811	0.207202
protein_co	clusterin-li	0	1	1	3	6	2	0	0.024553	0.023101	0.089155
protein_co	runt-relate	739	501	518	534	584	741	4.597548	3.996952	3.888299	5.156483
protein_co	cadherin_1	5	9	7	1	6	0	0.063485	0.146539	0.107238	0.019708
protein_co	THO_comp	345	283	290	392	425	569	5.79615	6.097002	5.878501	10.22203
protein_co	FK506_bin	672	516	600	55	52	35	11.11859	10.94812	11.97788	1.412452
protein_co	oxysterol_b	777	655	638	266	312	188	5.164216	5.582568	5.116254	2.744072
protein_co	solute_carr	2210	1976	1902	741	928	734	24.85058	28.49316	25.80494	12.93281
protein_co	X-ray_repai	6623	5527	5863	10736	11583	12342	82.57181	88.3641	88.19521	207.7543
protein_co	latexin	39	36	35	50	54	64	1.63863	1.939671	1.774321	3.260744
protein_co	SP140_nuc	3	4	2	3	3	2	0.043336	0.074097	0.034859	0.067264
protein_co	MAP_kinas	247	212	231	210	258	173	3.398426	3.740469	3.834783	4.484671
protein_co	tensin_1	4820	3583	4048	88	123	116	21.87686	20.85423	22.168	0.619942
protein_co	REX1_RNA_	1561	1210	1256	1431	2070	1485	15.98849	15.89276	15.52181	22.74965
protein_co	SAR1_hom	3458	2785	2922	1349	1860	1749	50.24657	51.89386	51.22827	30.42453
protein_co	cell_divisio	109	74	82	118	172	100	1.222438	1.064244	1.109589	2.054058
protein_co	Rap_guanir	282	205	239	134	194	72	2.29925	2.143385	2.351164	1.695791
protein_co	carcinoemb	42	42	60	12	23	10	0.559642	0.717662	0.964629	0.248183
protein_co	SUMO1/ser	483	408	418	320	344	345	4.557834	4.937202	4.759219	4.686966
protein_co	dual_specif	3	2	1	28	18	19	0.079565	0.06802	0.032	1.152621
protein_co	capicua_tra	5933	4200	4683	1264	1879	1459	33.85233	30.73073	32.23936	11.19417
protein_co	lipase_horr	184	144	193	207	305	153	2.262723	2.270834	2.863643	3.951067
protein_co	farnesyl-dip	12465	10139	10639	8723	8367	8844	268.6048	280.1728	276.6116	291.7547
protein_co	platelet-act	483	378	434	478	598	489	20.62648	20.70042	22.36227	31.68374
protein_co	oligophren	360	249	283	139	158	81	2.142455	1.900282	2.032094	1.283969
protein_co	kinesin_fan	1773	1371	1489	2849	3542	2742	33.18802	32.90936	33.62911	82.77431
protein_co	secretagogi	1	1	2	0	0	0	0.032405	0.041555	0.078197	0
protein_co	leucine_ric	604	474	552	707	860	739	5.214798	5.247933	5.750263	9.474373
protein_co	phosphogl	1072	870	874	2292	2231	1293	18.91837	19.68872	18.61008	62.78182
protein_co	DEAD_(Asp	2256	1779	1913	1707	1596	2472	37.55196	37.97334	38.41993	44.10192
protein_co	dynamin_2	4999	3811	4096	3839	4822	3925	41.47995	40.55117	41.00748	49.44287
protein_co	erythrocyte	3198	2496	2468	2415	2577	2321	33.64467	33.67377	31.32788	39.43532
protein_co	regulating_	511	455	432	13	10	10	3.396286	3.877967	3.464297	0.134109
protein_co	monooxyge	1351	1071	1124	64	76	60	20.70886	21.05231	20.78812	1.52269
protein_co	syntaxin_7	931	778	773	353	408	323	11.83372	12.68121	11.85494	6.964291
protein_co	RAB_memb	500	377	472	233	270	340	9.385512	9.074833	10.69001	6.788508
protein_co	kelch-like_I	1498	1069	1169	1376	1745	1546	23.7703	21.75254	22.38131	33.89002
protein_co	DEAD_(Asp	1	0	0	5	4	2	0.018659	0	0	0.144807
protein_co	protein_tyr	4	4	3	2	5	0	0.048378	0.062037	0.043778	0.037544
protein_co	dopachrom	0	0	1	0	1	0	0	0	0.012385	0
protein_co	solute_carr	1344	1018	1175	842	1088	1050	25.10764	24.3873	26.48455	24.41458
protein_co	beta-gamm	469	365	394	227	152	207	4.598791	4.589581	4.661386	3.454834
protein_co	EPH_recept	3	4	2	8	12	9	0.035424	0.060569	0.028494	0.146623
protein_co	secretin_re	0	0	0	2	13	6	0	0	0	0.063982
protein_co	regulatory_	208	174	179	197	194	153	1.047934	1.124163	1.088107	1.54052
protein_co	RAP1_inter	1116	878	966	1286	823	2138	5.140399	5.186047	5.36856	9.193991
protein_co	RAB21_me	864	686	766	547	701	776	6.555498	6.674602	7.012433	6.441837
protein_co	solute_carr	42	29	28	16	33	24	0.257772	0.228241	0.207345	0.152418
protein_co	SWI/SNF_re	1899	1483	1541	173	228	285	15.17712	15.19899	14.85987	2.146055
protein_co	retinol_deh	0	0	0	2	1	0	0	0	0	0.084874
protein_co	sestrin_1	301	198	220	386	482	194	4.022199	3.392904	3.547054	8.005986
protein_co	midline_2	130	92	101	68	75	28	2.119507	1.923484	1.986831	1.720802
protein_co	collagen_ty	209	128	175	55	70	27	1.587304	1.246617	1.603614	0.648346
protein_co	Snf2-relate	4071	3142	3482	2029	2856	4007	17.66839	17.48684	18.23361	13.66811
protein_co	KIAA0020	942	739	762	643	610	1201	19.03076	19.14516	18.57412	20.16261
protein_co	carboxypep	4	2	4	0	0	3	0.109237	0.070041	0.131801	0
protein_co	cholinergic	14	9	20	149	176	81	0.205016	0.169009	0.353376	3.386693
protein_co	potassium_	3	6	5	162	232	240	0.043741	0.112182	0.087959	3.666147
protein_co	CCR4-NOT_	447	321	338	283	329	365	4.51526	4.158049	4.119457	4.437028
protein_co	presenilin_	1100	831	967	602	727	602	8.486183	8.221102	9.001072	7.208529
protein_co	coproporp	797	570	653	674	934	472	13.22879	12.13238	13.07745	17.3641
protein_co	claudin_do	528	407	469	334	393	319	8.785638	8.684467	9.415867	8.626137

protein_co	MOK_prote	240	180	194	20	16	31	2.954477	2.841524	2.881504	0.382147
protein_co	heat_shock	17783	14818	15537	30363	24747	32365	237.5627	253.8471	250.4312	629.5764
protein_co	retinoblast	226	206	215	139	186	246	1.864381	2.179229	2.139995	1.779802
protein_co	discs_large	2196	1722	1948	1094	1494	784	20.366	20.47933	21.79768	15.74784
protein_co	immunoglo	6	2	4	446	583	284	0.038492	0.016454	0.030962	4.441071
pseudogen	ciliary_roo	265	254	281	150	190	81	2.314802	2.845188	2.961572	2.033713
protein_co	NDC80_kin	567	465	490	618	614	655	12.24063	12.87309	12.76335	20.70806
protein_co	adaptor-rel	374	292	264	213	243	299	2.594979	2.598091	2.210111	2.293888
protein_co	round_spe	318	235	334	376	478	291	2.252081	2.134195	2.853983	4.133092
protein_co	membrane_	585	475	534	180	238	118	4.214914	4.388699	4.642182	2.012963
protein_co	chemokine	1	1	0	3	6	6	0.038498	0.049368	0	0.179261
protein_co	alpha-fetop	0	3	0	3	5	13	0	0.072621	0	0.087898
protein_co	collagen_ty	39	26	29	40	58	20	0.184812	0.157996	0.16581	0.294208
protein_co	transcriptio	210	147	147	302	373	331	1.843989	1.655258	1.557416	4.116011
protein_co	osteopetro	390	285	320	226	298	332	4.093823	3.836354	4.052868	3.682166
protein_co	cadherin_7	13	8	12	19	19	21	0.161861	0.127732	0.180272	0.367184
protein_co	interphoto	7	6	9	0	1	2	0.078958	0.086788	0.122487	0
protein_co	PEST_prote	2142	1771	1910	1787	2141	1925	42.88575	45.46963	46.13972	55.53267
protein_co	exonucleas	406	319	292	443	474	336	5.59264	5.63496	4.853128	9.471637
protein_co	arginase_ty	105	78	99	182	201	138	2.407556	2.293459	2.738863	6.477224
protein_co	myocyte_e	631	541	591	32	18	26	4.581542	5.037197	5.177473	0.360631
protein_co	protein_tyr	19	14	12	5	1	1	0.167433	0.158207	0.12759	0.068389
protein_co	calcium_ch	0	1	0	5	5	2	0	0.009752	0	0.059017
protein_co	plakophilin	1	0	0	7	2	2	0.008608	0	0	0.09353
protein_co	ubiquitin-li	528	480	457	363	432	442	6.344933	7.396797	6.626091	6.770648
protein_co	serine/thre	1489	1219	1263	273	300	241	13.20583	13.86386	13.5152	3.758064
protein_co	cell_divisio	476	405	466	2205	2798	1828	3.993496	4.357232	4.717156	28.71345
protein_co	zinc_finger_	227	180	214	206	198	241	1.895305	1.927237	2.155833	2.669629
protein_co	low_densit	3	6	0	14	11	32	0.008899	0.022823	0	0.064456
protein_co	zinc_finger_	19	12	20	30	18	23	0.215196	0.174289	0.273312	0.52739
protein_co	jumonji_do	51	35	60	36	56	64	0.637874	0.561361	0.90545	0.698872
protein_co	dual_specif	296	259	300	215	247	313	10.9287	12.26269	13.36429	12.32099
protein_co	acetoacetyl	927	765	832	1999	2202	2339	6.546242	6.927605	7.088979	21.91067
protein_co	KIAA0141	992	825	860	834	964	872	9.359134	9.981304	9.789725	12.21295
protein_co	Ca++-depen	428	275	347	367	415	341	3.319922	2.735433	3.247593	4.418559
protein_co	protocadhe	33	34	35	60	47	8	0.427332	0.564599	0.54685	1.205962
protein_co	protocadhe	14	2	7	12	15	7	0.122155	0.022378	0.073693	0.162515
protein_co	protocadhe	17	7	13	0	3	8	0.173101	0.091403	0.159714	0
protein_co	heat_shock	372	297	283	164	212	186	19.06348	19.51754	17.49822	13.04469
protein_co	PH_domain	359	250	304	1561	1964	1284	2.629826	2.348453	2.686917	17.74868
protein_co	ATPase_am	365	276	274	187	207	114	2.883716	2.796263	2.61191	2.293146
protein_co	interleukin	6	5	2	18	24	27	0.069639	0.074418	0.028008	0.324266
protein_co	SWI/SNF_re	994	822	806	144	208	121	19.29966	20.46654	18.88193	4.339665
protein_co	WD_repeat	536	422	397	434	507	466	4.396965	4.439254	3.929404	5.525968
protein_co	FYN_bindin	9	7	6	0	0	0	0.088844	0.088612	0.071464	0
protein_co	membrane_	62	53	43	2	0	0	1.180821	1.294427	0.988118	0.059123
protein_co	STE20-relat	434	383	418	458	529	540	8.874953	10.04349	10.31337	14.53692
protein_co	basic_leuci	4287	3402	3696	1860	1802	3318	59.41989	60.4675	61.80995	40.01491
protein_co	progestero	0	0	0	0	0	5	0	0	0	0
protein_co	C1q_and_t	5534	4143	4357	26	21	12	75.78544	72.75635	71.99167	0.55265
protein_co	malic_enzy	700	458	541	1077	1186	799	10.3739	8.703997	9.673625	24.77366
protein_co	chromosor	489	408	444	418	485	460	6.035593	6.457741	6.612141	8.007885
protein_co	cyclin_T2	658	513	571	661	680	876	4.460551	4.459532	4.670321	6.954959
protein_co	family_witl	189	175	176	316	296	311	1.381483	1.64033	1.552188	3.5851
protein_co	collagen_ty	244	183	216	0	0	0	1.835874	1.765686	1.960897	0
protein_co	erythrocyte	2289	1958	2112	545	671	583	21.86863	23.98821	24.34545	8.081702
protein_co	cordon-ble	73	73	72	71	51	43	0.365429	0.468611	0.434871	0.551656
protein_co	discs_large_	802	725	761	748	849	885	6.155802	7.136046	7.047628	8.911326
protein_co	potassium_	89	54	45	11	4	12	1.235043	0.960938	0.753447	0.236927
protein_co	SERTA_dom	2598	2062	2198	86	107	136	23.34169	23.75697	23.82697	1.199284
protein_co	TNF_recept	337	317	308	336	391	244	3.187159	3.844523	3.514574	4.932233
protein_co	mitochond	584	435	471	483	537	561	8.622094	8.235662	8.390133	11.06821
protein_co	gem_(nucle	600	482	520	708	718	936	5.212898	5.370124	5.45104	9.547545
protein_co	opioid_rec	0	0	0	27	43	13	0	0	0	0.391914
protein_co	nuclear_fac	8821	6711	7236	4201	4911	5052	86.63947	84.52682	85.75206	64.0444

protein_co	sema_dom	0	1	4	802	1086	605	0	0.012444	0.046834	12.07976
protein_co	glycogen_s	2076	1627	1721	1187	1383	861	12.624	12.68722	12.62695	11.20343
protein_co	integrin_be	6150	4420	4741	7224	8953	8953	65.9592	60.78996	61.35052	120.2565
protein_co	ELKS/RAB6	2271	1804	2095	928	1090	1070	11.2673	11.47753	12.54107	7.146297
protein_co	exportin_1	3296	2648	2781	4127	5009	4434	22.80837	23.49818	23.21967	44.32737
protein_co	chromosor	10	6	7	1	3	2	0.537114	0.413263	0.453641	0.083367
protein_co	ring_finger	145	124	128	165	202	253	2.372314	2.601568	2.52675	4.190044
protein_co	transient_r	3	2	1	72	74	94	0.022439	0.019183	0.009025	0.835882
protein_co	partner_an	170	143	189	388	438	567	1.991332	2.148029	2.671189	7.05435
protein_co	dopey_fam	183	133	149	205	172	207	1.045173	0.974088	1.026766	1.817279
protein_co	LYR_motif_	674	519	602	186	226	280	5.903955	5.829883	6.362498	2.52887
protein_co	branched_	323	259	260	225	293	239	4.020567	4.134223	3.904866	4.347081
protein_co	K(lysine)_a	1543	1300	1402	726	847	592	7.792278	8.418819	8.542688	5.690699
protein_co	zinc_finger	717	635	672	216	248	190	5.87354	6.670584	6.641988	2.746408
protein_co	unc-51-like	900	662	715	273	356	204	7.0218	6.623282	6.730697	3.305971
protein_co	grainyhead	0	0	0	754	811	717	0	0	0	10.47451
protein_co	transportir	3073	2402	2665	2584	2842	3413	12.88501	12.9153	13.4824	16.81687
protein_co	procollage	8660	6459	6858	1458	1636	1355	138.1182	132.1015	131.971	36.09284
protein_co	purinergic_	1	0	0	10	13	10	0.020307	0	0	0.315201
protein_co	integrin_al	373	279	308	169	214	264	4.533431	4.348422	4.516655	3.188125
protein_co	DIS3_mitot	1243	999	997	635	555	897	7.907243	8.14946	7.652392	6.269865
protein_co	progestero	291	249	285	115	75	100	4.337252	4.759161	5.125244	2.660419
protein_co	tudor_dom	256	244	227	255	206	174	3.9761	4.859778	4.253938	6.14735
protein_co	nuclear_fra	196	137	148	283	391	298	2.631857	2.359044	2.397816	5.898248
protein_co	PDS5_regul	1363	1157	1210	562	433	668	8.524889	9.279735	9.131167	5.455815
protein_co	3-oxoacid_	901	800	841	403	394	476	12.46987	14.1983	14.04368	8.657102
protein_co	Ras-related	247	202	194	89	96	112	5.619522	5.893362	5.325399	3.142844
protein_co	epiphycan	119	74	57	0	1	0	3.625674	2.891231	2.095389	0
protein_co	cylindroma	408	320	297	117	153	209	2.195699	2.208371	1.928489	0.977303
protein_co	solute_carr	35	27	30	143	188	129	0.326143	0.322636	0.337294	2.068265
protein_co	zinc_finger	267	201	224	68	85	229	3.298981	3.18474	3.339371	1.304091
protein_co	zinc_finger	88	49	66	107	129	120	1.421399	1.014936	1.28625	2.682549
protein_co	zinc_finger	81	66	55	92	100	137	1.48305	1.549616	1.215015	2.614503
protein_co	zinc_finger	104	105	96	147	168	205	2.153007	2.787474	2.397902	4.723457
protein_co	zinc_finger	99	88	79	23	40	35	1.183608	1.349164	1.139588	0.426807
protein_co	zinc_finger	17	17	18	17	47	23	0.360529	0.462328	0.460588	0.559591
protein_co	zinc_finger	208	180	168	160	223	155	3.648756	4.049145	3.555812	4.356442
protein_co	ribosomal_	7699	6060	6398	11964	12515	11155	206.6435	208.5785	207.1952	498.4187
protein_co	FAT_tumor	18593	14650	15991	4027	4511	4304	58.96294	59.57673	61.18618	19.82174
protein_co	YTH_domai	1309	1035	1093	1536	2077	2139	9.84901	9.986255	9.922501	17.93803
protein_co	charged_m	607	453	470	545	666	575	10.92181	10.45234	10.20356	15.22064
protein_co	small_ArfG	1029	849	931	112	156	142	16.41709	17.36992	17.92167	2.773507
protein_co	peptidylpr	608	519	538	470	536	465	6.129678	6.709818	6.544318	7.354656
protein_co	zinc_metal	1199	912	940	392	529	934	18.08917	17.64426	17.111	9.179434
protein_co	StAR-relate	1530	1270	1437	2564	3173	3460	21.30099	22.67365	24.13866	55.406
protein_co	nitric_oxid	608	447	505	1639	1806	1000	8.348208	7.870577	8.366217	34.93004
protein_co	RE1-silenci	1751	1351	1480	1465	1727	1921	11.24718	11.12813	11.4701	14.60581
protein_co	histidine_a	6	1	0	3	3	7	0.071899	0.015367	0	0.055798
protein_co	slingshot_p	1894	1467	1557	431	620	479	10.4017	10.33151	10.31718	3.673939
protein_co	glutathione	10478	7913	8191	13778	15923	13643	292.2746	283.05	275.6752	596.5259
protein_co	amyloid_be	5947	4764	4948	10438	11392	10166	74.961	77.00493	75.25151	204.2139
protein_co	KIAA1467	207	171	152	435	495	265	2.018767	2.13856	1.788577	6.584695
protein_co	solute_carr	1	0	1	173	159	101	0.006104	0	0.007365	1.639014
protein_co	WW_doma	1840	1440	1665	2180	2439	2238	31.3851	31.4976	34.26636	57.71552
protein_co	eukaryotic_	3217	2503	2638	2831	3030	3013	103.4603	103.2269	102.3636	141.3166
protein_co	Na+/K+_tra	77	40	54	1567	1802	1522	1.394566	0.929004	1.180022	44.05019
protein_co	collagen_ty	5561	4145	4610	123	212	165	45.45945	43.45154	45.4695	1.560655
protein_co	taxilin_alp	2774	2238	2262	1436	1826	2001	25.9523	26.84966	25.53348	20.85231
protein_co	apolipopro	1	1	0	6	4	13	0.003321	0.004258	0	0.030924
protein_co	nuclear_re	496	453	459	376	461	365	3.140776	3.678433	3.506841	3.695504
protein_co	ATP/GTP_b	913	760	790	1248	1431	1128	13.12805	14.01369	13.70581	27.85317
protein_co	EFR3_hom	520	399	494	262	320	162	4.72352	4.64777	5.414239	3.693977
protein_co	kinesin_fan	2964	2324	2504	2009	2577	1529	25.44526	25.58434	25.93648	26.76943
protein_co	RAB10_me	3198	2510	2717	2180	2962	2004	42.41988	42.69471	43.48392	44.88259
protein_co	glucokinase	2	1	1	4	7	1	0.0429	0.027507	0.025881	0.133174

protein_co	hydroxyacy	4469	3781	3985	2910	3204	2638	68.9995	74.86031	74.23556	69.73633
protein_co	microtubul	177	129	187	91	115	75	4.386645	4.099759	5.591765	3.500508
protein_co	carbamoyl-	5497	4199	4512	5306	6450	5572	35.47893	34.75362	35.13678	53.1548
protein_co	CD59_mole	2447	2100	2104	450	482	370	30.87725	33.98078	32.03306	8.813485
protein_co	CD82_mole	924	685	764	98	162	68	18.92808	17.99428	18.88322	3.115955
protein_co	BCL6_corep	730	568	609	247	313	137	4.802822	4.79216	4.83436	2.522325
protein_co	alpha_thal	2658	2209	2460	1530	766	1762	11.06085	11.78796	12.35141	9.882241
protein_co	TAF9_RNA_	691	598	594	662	621	812	19.6608	21.81894	20.3919	29.23558
protein_co	ficolin_(col	39	38	43	0	0	0	1.422015	1.776775	1.891716	0
protein_co	myoneurin	279	215	177	180	196	258	2.616986	2.586098	2.003174	2.620597
protein_co	MDS1_and_	349	276	308	189	201	234	2.854957	2.895294	3.039996	2.399753
processed_	secretory_c	670	519	564	595	643	547	5.030634	4.997176	5.109461	6.934184
protein_co	prolyl_end	1171	993	1015	1344	1440	1183	18.90128	20.55383	19.76735	33.67162
protein_co	HECT_dom	547	464	459	337	367	277	4.823024	5.246376	4.883068	4.612033
protein_co	SEH1-like_(	980	827	836	687	984	1064	8.82678	9.551929	9.085118	9.60425
protein_co	WD_repeat	540	462	471	73	117	118	5.938229	6.515001	6.249311	1.245996
protein_co	WD_repeat	1973	1578	1641	1434	1731	1304	19.85279	20.36155	19.92283	22.39619
protein_co	oviductal_g	16	16	16	58	95	11	0.334481	0.428924	0.40357	1.881957
protein_co	solute_carr	1143	1020	1027	473	623	831	12.54865	14.36019	13.60408	8.060137
protein_co	mitogen-ac	1622	1181	1391	981	1108	1184	13.85348	12.93503	14.33452	13.00492
protein_co	paired_imn	4	7	11	15	17	9	0.142848	0.32057	0.473976	0.831452
protein_co	immunoglo	131	103	109	433	585	736	1.460783	1.472858	1.466523	7.494329
protein_co	ATP-bindin	7	5	0	4	1	6	0.070663	0.064725	0	0.062674
protein_co	zinc_finger	620	459	486	388	431	317	4.936629	4.686632	4.668992	4.795137
protein_co	aldo-keto_r	1116	885	903	1984	1969	2100	27.11361	27.57247	26.4703	74.81613
protein_co	copine_III	1465	1247	1322	817	895	704	14.12292	15.41568	15.37681	12.22473
protein_co	RRN3_RNA_	664	512	568	476	559	732	8.276175	8.183534	8.541969	9.208715
protein_co	cortactin	7258	5493	6053	3869	5248	5129	104.0121	100.9453	104.6612	86.059
protein_co	wingless-ty	77	50	53	11	12	9	1.870742	1.557767	1.553628	0.414807
protein_co	mitochond	438	387	341	761	711	757	6.969063	7.896244	6.546402	18.79383
protein_co	DDHD_dom	1160	933	912	466	594	428	11.05312	11.40035	10.48504	6.891971
protein_co	tetratricop	22	13	17	50	96	83	0.164081	0.124334	0.15298	0.578812
protein_co	epidermal_	898	745	687	580	643	545	8.058801	8.573531	7.438731	8.078906
protein_co	origin_recc	340	286	292	1068	1113	1517	5.049923	5.447299	5.232831	24.6211
protein_co	microsoma	86	76	77	68	71	67	2.265473	2.56734	2.447367	2.780352
protein_co	calcium_ho	1313	841	965	1644	2027	1879	14.75356	12.11818	13.083	28.67242
protein_co	autophagy_	505	487	477	510	540	530	5.627248	6.958938	6.413145	8.820746
protein_co	ubiquitin_s	579	417	520	147	168	184	4.769733	4.405152	5.168528	1.879591
protein_co	protein_O-l	1707	1278	1430	659	741	619	23.00036	22.08215	23.24798	13.78215
protein_co	RAD54-like	310	269	281	662	727	659	4.676932	5.204284	5.115096	15.502
protein_co	microtubul	3064	2518	2819	1526	1969	1170	25.03852	26.38669	27.79476	19.35552
protein_co	DnaJ_(Hsp4	3812	3033	3221	1950	2096	3245	75.07129	76.59541	76.53494	59.60547
protein_co	UDP-Gal:be	1756	1519	1487	472	660	399	19.59983	21.74177	20.02565	8.177116
protein_co	charged_m	1131	868	964	655	702	576	31.06773	30.57567	31.95008	27.92664
protein_co	nuclear_tra	901	733	837	696	722	817	9.176348	9.573228	10.28534	11.00233
protein_co	aquaporin_	4	2	3	2	7	0	0.036569	0.023447	0.033092	0.02838
protein_co	DIM1_dime	875	670	725	625	733	734	14.35074	14.09128	14.34671	15.91024
protein_co	importin_1	318	292	303	716	679	803	3.4231	4.030739	3.935348	11.96289
protein_co	folate_hydr	1	0	0	8	8	13	0.017386	0	0	0.215884
protein_co	eukaryotic_	3030	2459	2539	2026	2249	1988	31.83436	33.13	32.1858	33.03874
protein_co	NME/NM23	0	0	1	11	6	2	0	0	0.02447	0.346271
protein_co	ependymin	150	107	121	44	66	73	2.706234	2.475525	2.63395	1.232132
protein_co	sorting_nex	3	1	2	123	112	96	0.055251	0.023617	0.044443	3.516071
protein_co	selenophos	1641	1303	1354	12564	13106	19313	23.50948	23.93802	23.40459	279.3784
protein_co	mitochond	1502	1056	1053	1650	1922	1287	31.59659	28.48679	26.72679	53.87468
protein_co	hemoglobi	9	1	6	22	23	11	0.787332	0.112182	0.633308	2.987231
protein_co	inositol-tri	375	315	271	367	493	317	5.19461	5.595535	4.529383	7.890749
protein_co	FAT_tumor	33	36	64	31	49	13	0.106466	0.148939	0.249128	0.155234
protein_co	RNA_bindi	639	589	583	506	612	744	12.79365	15.12231	14.08348	15.72441
protein_co	transmemb	3673	2982	2968	1559	2022	2223	67.48708	70.26138	65.79784	44.4607
protein_co	ERO1-like_l	190	136	150	74	109	36	1.950756	1.790596	1.858184	1.179265
protein_co	zinc_finger	956	800	803	1486	1774	1531	17.28098	18.54427	17.51354	41.69267
protein_co	hydroxyste	1	2	0	5	2	4	0.011138	0.028565	0	0.086437
protein_co	taxilin_gam	231	189	219	699	810	975	2.461167	2.582261	2.815277	11.55944
protein_co	protein_ph	63	56	36	6	6	1	1.02217	1.165145	0.704747	0.1511

protein_co	linker_for_	38	24	25	11	45	39	0.705113	0.571078	0.55971	0.31681
protein_co	HECT_UBA_	10279	8224	9053	8329	9776	8166	32.57519	33.4217	34.61598	40.96938
protein_co	zw10_kinet	392	293	340	319	399	466	6.143345	5.888379	6.429035	7.759611
protein_co	ALG9_alpha	96	74	87	52	56	60	1.003666	0.992108	1.097451	0.843824
protein_co	myosin_bir	58	29	36	139	180	69	0.756922	0.485323	0.566857	2.815584
protein_co	NADPH_oxi	469	334	444	13	23	37	5.025461	4.589431	5.740293	0.216211
protein_co	acyl-CoA_o	509	425	427	154	194	166	8.345111	8.935372	8.446762	3.918912
protein_co	myotubula	1351	1140	1133	984	981	965	13.23343	14.31961	13.39044	14.96038
protein_co	protein_ph	754	529	608	405	457	343	14.86757	13.37622	14.46506	12.39521
protein_co	hydroxyste	601	471	467	231	304	75	22.76325	22.87652	21.34149	13.58008
protein_co	thyroid_ho	1809	1433	1498	2110	2635	2041	43.6787	44.36972	43.64063	79.07589
protein_co	acetylcholi	12	13	9	113	123	97	0.190352	0.264441	0.172253	2.782178
protein_co	ferritin_ligl	20992	16615	17242	11968	13120	11686	1121.088	1137.878	1111.019	992.06
protein_co	serrate_RN	2814	2112	2275	2003	2882	4444	44.53206	42.85998	43.43884	49.19944
protein_co	BCL2-assoc	2282	1729	1790	2392	3424	1989	78.79457	76.55701	74.57301	128.1953
protein_co	nemo-like_	312	232	257	465	566	493	3.614946	3.447026	3.592761	8.362394
protein_co	phosphatid	1149	961	1022	889	1050	816	17.4471	18.71267	18.72415	20.95248
protein_co	ADAM_met	19	10	17	281	390	244	0.131909	0.089028	0.142402	3.028002
protein_co	transmemb	0	0	0	11	12	28	0	0	0	0.374802
protein_co	ataxin_7-lil	3153	2362	2537	2349	3122	2659	38.79408	37.26754	37.66257	44.85955
protein_co	phosphatid	768	619	602	665	916	765	11.76079	12.15557	11.12294	15.80619
protein_co	proteasom	1686	1283	1313	1225	1404	1696	30.57099	29.83238	28.7253	34.47612
protein_co	ubiquitin_i	492	437	439	562	587	449	8.859404	10.09091	9.537883	15.70747
protein_co	cholesteryl	1	3	3	0	0	0	0.026181	0.10072	0.094766	0
protein_co	matrix_met	36978	27552	29310	1805	2039	1673	463.4854	442.8485	443.258	35.11562
protein_co	metallothio	0	0	0	0	1	1	0	0	0	0
protein_co	lysophosph	550	493	503	102	112	61	4.783808	5.498792	5.278701	1.377025
protein_co	guanine_nu	20	8	11	635	856	518	0.168245	0.0863	0.111649	8.291204
protein_co	2-oxoglutar	1056	834	893	608	713	706	10.65545	10.79153	10.87194	9.522298
protein_co	SH3-domai	2156	1630	1710	1096	1428	902	10.97545	10.64071	10.50311	8.659935
protein_co	NOP14_nu	492	401	448	483	558	701	6.520602	6.815163	7.163885	9.935739
protein_co	adducin_1_	5526	4174	4672	2723	3177	3242	50.03171	48.46143	51.03703	38.26596
protein_co	L-2-hydrox	132	126	99	435	539	414	1.796135	2.198594	1.625355	9.187235
protein_co	thioredoxi	192	111	115	235	240	267	1.972586	1.462403	1.425544	3.747426
protein_co	chromosor	1703	1376	1385	1851	1916	2307	73.93861	76.60981	72.55285	124.7365
protein_co	nidogen_2_	1242	887	1016	193	280	209	12.10505	11.08608	11.94777	2.919664
protein_co	germ_cell-l	498	380	370	382	510	399	5.571756	5.451998	4.994736	6.633711
protein_co	splicing_fa	5938	4714	4869	5620	6400	5501	70.81204	72.08847	70.05751	104.024
protein_co	kelch-like_f	1161	1010	1017	285	411	342	8.121634	9.060286	8.583812	3.094472
protein_co	GNAS_com	42200	32993	34186	15572	16230	16483	491.129	492.3957	480.0422	281.2924
protein_co	dynamin_1	1890	1535	1687	1232	1222	1207	19.96444	20.7928	21.50099	20.19931
protein_co	parathyroi	1255	938	973	0	0	0	31.1195	29.82641	29.11051	0
protein_co	phosphatas	40	39	25	2	0	5	0.687537	0.859627	0.518471	0.053358
protein_co	ERGIC_and_	723	504	547	287	279	383	6.761365	6.04416	6.172078	4.165896
protein_co	transcriptio	1	3	2	786	886	1051	0.016361	0.062941	0.03948	19.95985
protein_co	aurora_kin	1044	808	954	1768	1784	1781	19.21994	19.07533	21.19083	50.5201
protein_co	Cas_scaffol	65	50	48	2	2	1	0.966038	0.952929	0.860737	0.046136
protein_co	pirin_(iron-	237	180	183	149	162	134	7.22088	7.032725	6.727302	7.046258
protein_co	adipogenes	33	28	39	23	54	23	2.131364	2.319055	3.03918	2.305696
protein_co	regulatory_	103	89	103	96	125	72	1.209535	1.340233	1.459373	1.749777
protein_co	methyltran	351	338	379	474	587	569	6.487346	8.010986	8.451761	13.5978
protein_co	sulfotransfe	1	0	0	28	26	6	0.032405	0	0	1.408317
protein_co	ALG6_alpha	110	106	113	227	210	245	1.530081	1.890762	1.896479	4.900924
protein_co	CCR4-NOT_	1474	1046	1213	1679	2018	2084	15.30128	13.92423	15.19285	27.05275
protein_co	glycoprotei	2	2	1	12	19	13	0.041349	0.053025	0.024945	0.385078
protein_co	protein_tyr	231	186	176	403	448	351	1.051611	1.085839	0.966727	2.847598
protein_co	DEAD_(Asp-	1233	988	946	1960	1936	2844	10.18953	10.47026	9.432575	25.14071
protein_co	KH-type_sp	8783	6411	7120	9970	12810	12443	137.5994	128.7979	134.5866	242.4372
protein_co	guanine_nu	2353	1668	1836	668	832	790	26.60531	24.18531	25.04766	11.72339
protein_co	ArfGAP_wit	880	657	721	1546	1834	1238	10.18845	9.754389	10.07184	27.78212
protein_co	ER_degrada	389	361	357	321	332	283	7.574841	9.014475	8.387648	9.701959
protein_co	DNA_(cytos	288	294	269	21475	27689	34470	3.114466	4.077066	3.509873	360.4581
protein_co	TPX2_micr	2909	2301	2514	3818	4211	3402	37.83719	38.37966	39.45376	77.07997
pseudogen	fer-1-like_4	59	62	71	91	99	40	0.46147	0.621859	0.670035	1.104748
protein_co	p53_and_D	299	234	244	357	359	322	10.12283	10.15911	9.967093	18.75985

protein_co	erythrocyte	985	819	832	608	735	453	7.370997	7.859289	7.5121	7.06194
protein_co	solute_carr	98	65	89	27	24	39	1.479466	1.258351	1.621127	0.632664
protein_co	dedicator_	944	781	941	470	569	348	5.863581	6.220873	7.052265	4.531263
protein_co	ankyrin_rep	1428	1295	1311	1470	1947	1427	25.87285	30.08813	28.65938	41.33938
protein_co	TDP-glucos	189	132	127	187	157	160	4.659418	4.173046	3.777649	7.155533
protein_co	dedicator_	12	13	15	135	224	154	0.06427	0.089285	0.096931	1.122247
protein_co	chromosor	338	278	269	204	256	71	5.969426	6.296077	5.732132	5.59212
protein_co	coenzyme_	504	437	489	455	532	387	12.93518	14.38244	15.14254	18.12524
protein_co	transmemb	0	1	0	1	2	1	0	0.026053	0	0.031534
protein_co	kinesin_fan	109	76	89	53	89	90	1.522494	1.361294	1.499917	1.149041
protein_co	Rho_GTPas	627	507	500	159	179	283	5.353249	5.550948	5.15072	2.107063
protein_co	cardiolipin	824	698	730	555	723	734	9.761843	10.60399	10.43459	10.20535
protein_co	protein_ph	196	112	144	132	172	100	1.853659	1.358317	1.643177	1.937663
protein_co	attractin	1894	1404	1502	642	755	489	10.28723	9.779015	9.843207	5.412329
protein_co	spermine_c	911	659	704	227	278	201	19.12978	17.74543	17.83661	7.398574
protein_co	sialic_acid_	2	3	3	1	3	0	0.013955	0.026844	0.025257	0.01083
protein_co	FK506_bin	3431	2834	2991	2274	2379	2646	99.18597	105.0603	104.3263	102.0353
protein_co	NSFL1_(p97	821	661	710	548	660	711	10.13338	10.46217	10.57347	10.49838
protein_co	solute_carr	97	87	98	309	406	297	1.408588	1.620097	1.717064	6.964682
protein_co	chromosor	779	673	705	242	298	163	5.317706	5.891302	5.806628	2.564087
protein_co	zinc_finger_	185	146	141	113	107	56	2.388396	2.417112	2.196351	2.26435
protein_co	early_B-cell	72	68	63	26	36	17	1.160165	1.405095	1.224831	0.650266
protein_co	carboxypep	3119	2333	2285	652	822	780	61.16686	58.67119	54.06735	19.84627
protein_co	mitochond	1775	1380	1459	643	848	592	19.64356	19.5844	19.48163	11.04494
protein_co	ProSAP-int	144	92	117	1273	1887	927	1.284414	1.0523	1.259147	17.62387
protein_co	coagulatior	0	0	0	15	27	39	0	0	0	0.349679
protein_co	5'-3'_exorib	1983	1560	1658	2661	3037	3200	27.06926	27.30786	27.30777	56.38051
processed_	polo-like_k	168	131	147	437	401	271	2.043456	2.043321	2.157354	8.250265
protein_co	dynein_ligh	3607	2937	2998	2144	2540	3127	122.9159	128.3439	123.2655	113.4011
protein_co	tescalcin	4	3	2	72	97	49	0.177446	0.170662	0.107049	4.957565
protein_co	sorting_nex	1191	1025	1040	1561	1759	2422	18.09071	19.96535	19.0601	36.80248
protein_co	ribosomal_	14772	11541	11859	16659	16605	16856	344.9499	345.5966	334.1279	603.8041
protein_co	signal-regul	0	0	0	0	1	0	0	0	0	0
protein_co	mitogen-ac	465	431	475	645	814	729	8.628357	10.25562	10.63449	18.57656
protein_co	purinergic_	3	1	2	7	6	7	0.046843	0.020023	0.037679	0.16965
protein_co	ESF1_nucle	477	371	405	745	711	1114	6.954769	6.936615	7.124714	16.85975
protein_co	retinoblast	478	363	399	190	268	238	5.805084	5.653229	5.846575	3.581498
protein_co	anaphase_p	2800	2345	2602	1663	2060	2100	21.35177	22.93127	23.94039	19.68333
protein_co	solute_carr	573	449	478	337	362	460	3.859233	3.877949	3.884385	3.522952
protein_co	solute_carr	307	273	309	336	447	242	4.376782	4.991011	5.315242	7.435091
protein_co	transmemb	1688	1461	1415	1040	1194	1284	45.6198	50.63379	46.14083	43.62593
protein_co	double_zin	71	54	69	81	108	113	0.890396	0.868416	1.044052	1.576669
protein_co	lysine_(K)-s	1172	799	925	3248	3756	2936	8.231741	7.196481	7.838877	35.40875
protein_co	chromosor	3	1	0	2	2	3	0.034461	0.01473	0	0.035659
protein_co	LIM_homeo	0	0	0	57	60	121	0	0	0	1.411037
protein_co	taspase_thr	101	92	89	126	159	112	2.013559	2.352016	2.140825	3.898918
protein_co	2'-5'-oligoa	11	6	8	0	0	1	0.259191	0.181296	0.227439	0
protein_co	GCN1_gene	6850	5439	5866	6480	7628	6033	37.02555	37.69982	38.25613	54.36462
protein_co	ribosomal_	24758	19789	20239	38426	37947	34344	448.0521	459.2468	441.9265	1079.366
protein_co	paxillin	3543	2756	3127	2270	3062	1907	30.44371	30.36792	32.41921	30.2749
protein_co	sirtuin_4	22	17	23	58	64	25	0.847642	0.83994	1.069217	3.468553
protein_co	rabphilin_3	3	0	3	0	0	2	0.027115	0	0.032715	0
protein_co	kinesin_fan	242	198	179	191	240	175	2.156887	2.263011	1.924922	2.642262
protein_co	tRNA_meth	393	375	370	320	367	593	6.091827	7.454107	6.919979	7.69902
protein_co	chromogra	109	77	81	36	30	35	2.004318	1.815684	1.797104	1.02748
protein_co	phosphatid	2692	2170	2178	5396	6195	6226	74.38299	76.8896	72.61134	231.42
protein_co	T-box_5	0	4	1	34	63	75	0	0.062881	0.014791	0.646932
protein_co	BRCA1_ass	529	437	411	449	529	570	6.161157	6.526756	5.775592	8.116774
protein_co	endoplasm	2026	1742	1632	2122	2336	2443	54.75457	60.37239	53.21684	89.01368
protein_co	nitric_oxid	196	174	198	394	468	204	0.755917	0.860551	0.921365	2.358549
protein_co	fused_in_sa	8035	6404	6858	8279	11308	12860	76.5775	78.26651	78.86073	122.4683
protein_co	immunoglo	466	352	342	569	564	405	11.7351	11.36718	10.39142	22.24044
protein_co	FXYD_dom	1214	911	993	1203	1194	784	36.02815	34.66977	35.55663	55.41399
protein_co	zinc_finger_	311	258	247	337	387	405	3.798592	4.041023	3.640049	6.388849
protein_co	GRAM_dom	2429	1859	1996	8039	9466	4478	40.31712	39.5686	39.97335	207.1068

protein_co	FXYD_dom	0	1	0	2	5	5	0	0.040988	0	0.099223
protein_co	hephaestin	302	252	269	1079	1069	885	2.355028	2.519991	2.530985	13.05994
protein_co	cell_death-	179	170	149	1139	1454	783	2.789403	3.397164	2.801512	27.54942
protein_co	CKLF-like_M	77	61	56	22	12	12	3.393357	3.447291	2.977658	1.504846
protein_co	potassium_	1	0	3	24	36	18	0.011962	0	0.043298	0.445591
protein_co	glucosidase	15583	12606	12572	10030	10669	10121	187.0679	194.0594	182.0961	186.8872
protein_co	GEM_intera	884	650	757	543	771	521	11.71588	11.04702	12.10505	11.16999
protein_co	RNA_bindi	251	181	211	199	172	201	3.550345	3.283105	3.601035	4.368984
protein_co	baculoviral	260	218	224	338	426	407	4.497014	4.835225	4.674627	9.073985
protein_co	lymphocyt	21	22	25	26	46	19	0.38063	0.511347	0.546729	0.731455
protein_co	myeloid_le	5839	4428	4598	3338	4194	3510	139.8319	135.983	132.8571	124.0751
protein_co	OTU_doma	60	49	42	86	99	34	0.717338	0.751239	0.605857	1.595885
protein_co	DEAD_(Asp	2152	1783	1780	2287	2244	2531	18.10646	19.23765	18.07005	29.86675
protein_co	zinc_finger	68	63	67	74	86	51	1.522694	1.809063	1.8102	2.57197
protein_co	NECAP_end	629	483	521	281	344	320	9.425957	9.281781	9.42021	6.535994
protein_co	Rho_GTPas	35	31	31	877	1246	794	0.486699	0.552795	0.520119	18.92879
protein_co	ankyrin_rep	18	10	11	293	414	143	0.209642	0.149354	0.154578	5.296692
protein_co	DEAH_(Asp	418	377	364	309	370	215	6.384374	7.384017	6.707975	7.325394
protein_co	REST_corep	1010	837	897	634	731	516	8.230608	8.746722	8.819643	8.019186
protein_co	G_patch_d	1324	1125	1320	1240	1371	886	4.43224	4.829444	5.331596	6.442989
protein_co	latent_tran	15713	10852	11536	1818	2523	1123	143.2872	126.9017	126.9263	25.73195
protein_co	biliverdin_	447	385	380	330	365	174	15.05735	16.63073	15.44446	17.25383
protein_co	solute_carr	1319	954	1088	767	978	890	13.69529	12.70235	13.63024	12.36096
protein_co	serine_palm	1255	969	1018	725	800	915	31.07021	30.76334	30.40859	27.85922
protein_co	poly(A)_pol	3116	2768	2868	2883	3106	3645	32.33222	36.831	35.90585	46.43155
protein_co	cyclin_K	1693	1303	1399	1268	1497	1328	14.10784	13.92378	14.06596	16.40035
protein_co	poly(rC)_bi	1395	1046	1051	518	692	488	25.16798	24.19999	22.87836	14.50555
protein_co	regulator_c	4	0	0	2	0	0	0.070697	0	0	0.054866
protein_co	yippee-like_	328	248	269	470	552	281	7.923712	7.682735	7.840706	17.62314
protein_co	mitochond	344	228	258	353	332	377	18.90992	16.07221	17.11193	30.11872
protein_co	NADH_dehy	551	458	468	365	430	261	15.50804	16.53028	15.89276	15.94515
protein_co	nuclear_dis	3270	2598	2779	2981	3900	3962	85.18353	86.78734	87.34629	120.5314
protein_co	macrophag	1792	1431	1521	1325	1638	1920	15.64456	16.02043	16.02148	17.95443
protein_co	intercellula	10	9	8	101	80	18	0.144188	0.166411	0.139177	2.260381
protein_co	striatin_cal	3106	2513	2555	3381	4299	3326	40.14344	41.64999	39.843	67.82484
protein_co	interleukin	12	5	7	11	8	19	0.064952	0.034705	0.045715	0.092413
protein_co	lysozyme	111	81	102	1	2	3	3.401825	3.183342	3.7717	0.047568
protein_co	sucrase-iso	0	0	0	0	0	1	0	0	0	0
protein_co	mitochond	639	463	516	512	564	659	12.29997	11.42861	11.98397	15.2969
protein_co	transcriptic	258	196	223	500	565	768	1.863754	1.815659	1.943666	5.606209
protein_co	programme	620	518	495	605	835	450	10.19706	10.92502	9.822825	15.44433
protein_co	spastic_par	1333	1130	1154	905	1245	949	30.35667	32.99984	31.70866	31.98918
protein_co	fetuin_B	0	0	0	0	5	0	0	0	0	0
protein_co	DnaJ_(Hsp4	2177	1630	1766	695	902	1287	25.02564	24.02833	24.49432	12.40058
protein_co	leprecan-lil	754	623	659	258	267	294	10.07554	10.67565	10.62504	5.351151
protein_co	thrombopo	6	1	3	3	7	9	0.151666	0.032415	0.091497	0.117703
protein_co	chordin	122	95	106	35	32	57	1.212245	1.210496	1.270821	0.539795
protein_co	fms-related	4	1	9	12	13	14	0.131992	0.042315	0.358325	0.614608
protein_co	RAB11_fam	1931	1487	1488	1184	1531	1350	18.74242	18.50818	17.42586	17.83715
protein_co	N-acetylglu	675	486	506	249	335	358	13.18782	12.17628	11.928	7.550904
protein_co	zinc_finger	259	181	178	175	155	490	2.109888	1.890808	1.749555	2.212728
protein_co	golgin_A3	6652	5471	5769	1076	1535	1344	33.71297	35.55665	35.27714	8.464231
protein_co	poly(A)_bin	2118	1784	1877	2485	3376	3717	27.6484	29.86402	29.56354	50.35017
protein_co	CD209_mo	0	0	0	6	4	7	0	0	0	0.102028
protein_co	ceramide_s	18	10	13	1667	2191	1167	0.351529	0.250436	0.306323	50.53058
protein_co	mucolipin_	344	224	300	159	240	268	7.159417	5.978284	7.533356	5.136258
protein_co	ubiquitin_s	2134	1760	1791	1473	1752	1720	21.77656	23.03122	22.05152	23.33072
protein_co	ephrin-B1	847	619	642	807	952	738	11.98426	11.23124	10.96001	17.72278
protein_co	pyruvate_d	991	800	897	934	1141	1126	5.809227	6.013731	6.344322	8.498104
protein_co	alanyl-tRNA	6222	4892	5135	6504	9035	5645	83.90845	84.60022	83.55341	136.1403
protein_co	golgi_glyco	6892	5555	6062	3867	4354	3018	68.06361	70.34984	72.23267	59.27538
protein_co	kinesin_fam	891	701	789	968	965	954	9.608787	9.694339	10.26635	16.20305
protein_co	trinucleoti	2184	1734	1829	2096	2470	2929	12.1365	12.35661	12.26317	18.07851
protein_co	Fc_fragmen	76	44	43	19	15	8	0.217428	0.161422	0.148429	0.08437
protein_co	pleckstrin_	2802	2067	2390	900	1275	1447	17.47384	16.5299	17.98317	8.711507

protein_co	delta-like_3	27	32	19	490	633	125	0.542895	0.825109	0.46095	15.2925
protein_co	N-acetyltra	1533	1148	1166	822	1193	963	46.79844	44.94076	42.94729	38.94857
protein_co	phosphatid	549	396	409	260	348	275	3.794049	3.509418	3.410373	2.788909
protein_co	exocyst_co	653	494	583	386	394	349	8.622693	8.365001	9.288516	7.911294
protein_co	RNA_bindi	950	705	781	870	1033	789	6.905211	6.571308	6.849398	9.815289
protein_co	POU_class_	0	0	3	0	0	0	0	0	0.143593	0
protein_co	oxysterol_b	2107	1681	1799	976	757	1033	13.64792	13.963	14.05986	9.812555
protein_co	deltex_hon	507	334	417	917	1134	749	8.585496	7.252926	8.520038	24.10223
protein_co	NLR_family	16	4	8	12	12	7	0.209506	0.067165	0.12639	0.243887
protein_co	pseudouric	289	234	266	741	851	1010	3.894027	4.04321	4.32445	15.49708
protein_co	laminin_be	16	12	9	0	0	0	0.128071	0.123175	0.08692	0
protein_co	neuronal_c	98	70	69	71	67	45	0.690077	0.63209	0.586231	0.775997
protein_co	laminin_be	17708	14245	14928	2724	3155	2447	144.0042	148.5517	146.4723	34.38297
protein_co	solute_carr	12	12	18	2	0	0	0.114134	0.146361	0.206564	0.029525
protein_co	solute_carr	0	0	0	3	2	3	0	0	0	0.076262
protein_co	dihydrolipo	1070	894	908	643	684	873	13.36147	14.31586	13.68057	12.46269
protein_co	WD_repeat	337	268	310	167	258	225	1.741452	1.77593	1.93282	1.339456
protein_co	thioredoxi	1076	923	962	937	1039	1099	7.318488	8.05045	7.894638	9.891888
protein_co	ATP-bindin	9	20	24	38	59	18	0.073431	0.209256	0.236265	0.481231
protein_co	CKLF-like_M	1203	949	1046	664	1018	867	14.6023	14.77173	15.31918	12.50991
protein_co	integrin_al	1296	1220	1167	1202	1430	1273	10.25299	12.37698	11.13947	14.7598
protein_co	Rap_guanir	29	21	24	23	28	20	0.313465	0.291085	0.313004	0.385877
protein_co	Mitogen-ac	1674	1379	1527	501	608	338	10.93382	11.55021	12.03382	5.079075
protein_co	small_musc	1	1	0	0	0	1	0.049989	0.064104	0	0
protein_co	fumarate_h	913	782	793	888	912	987	23.82336	26.16667	24.96626	35.96464
protein_co	sel-1_suppr	2506	1949	2215	1124	1395	1197	26.03154	25.96211	27.76135	18.1224
protein_co	transferrin	8	2	5	1	2	0	0.081512	0.026132	0.061468	0.015815
protein_co	CDV3_hom	3444	2727	2881	2166	2750	2669	44.59796	45.28416	45.01354	43.53522
protein_co	myosin_XV	35	14	18	59	55	25	0.138342	0.070962	0.085843	0.361966
protein_co	alkB_alkyla	1260	924	1032	1203	1341	1097	21.49979	20.21832	21.2467	31.86103
protein_co	apolipopro	1	0	0	0	0	0	0.039872	0	0	0
protein_co	NLR_family	1099	971	974	241	430	258	9.403673	10.65439	10.05557	3.200718
protein_co	PITPNM_fa	198	187	184	114	143	45	1.310221	1.586829	1.469079	1.170886
protein_co	sperm_assc	1384	988	1047	1209	1445	1221	38.90635	35.61645	35.51232	52.75227
protein_co	origin_recc	540	455	473	674	891	977	13.81375	14.92584	14.59913	26.76137
protein_co	zinc_finger_	2385	1823	1946	83	93	70	7.977223	7.819147	7.853337	0.430895
protein_co	solute_carr	3	0	0	4	1	14	0.035622	0	0	0.07372
protein_co	carboxypep	2	0	4	0	0	0	0.048566	0	0.117194	0
protein_co	zinc_finger_	493	326	423	362	407	464	11.7225	9.940321	12.13562	13.36019
protein_co	estrogen_re	11	18	16	6	4	11	0.07977	0.167389	0.139995	0.067535
protein_co	regulator_c	65	48	66	75	77	47	1.86299	1.764199	2.282386	3.336482
protein_co	angiopoieti	11	5	16	4	4	4	0.095235	0.055511	0.167136	0.053752
protein_co	transmemb	517	409	460	598	652	322	13.24707	13.43885	14.22117	23.78269
protein_co	CD200_mo	223	160	145	725	697	726	4.911448	4.518914	3.853193	24.7841
protein_co	coiled-coil_	15530	12510	13166	123	191	261	156.1325	161.283	159.7069	1.919364
protein_co	chymase_1	2	1	0	1	0	1	0.100085	0.064173	0	0.077673
protein_co	proteasom	858	753	763	637	675	514	35.41517	39.85716	37.99922	40.8105
protein_co	protein_ph	215	190	225	120	114	209	5.461188	6.188874	6.895714	4.731081
protein_co	HAUS_augn	83	64	68	156	176	141	2.370202	2.34367	2.342956	6.914524
protein_co	junctophili	0	5	3	1664	2300	726	0	0.068547	0.038697	27.61185
protein_co	myosin_he	1	0	0	0	2	0	0.007703	0	0	0
protein_co	CCAAT/enh	0	0	0	1	0	0	0	0	0	0.046834
protein_co	solute_carr	2007	1656	1742	4971	5586	5693	22.32169	23.61834	23.37631	85.81319
protein_co	O-sialoglyc	461	369	367	315	374	500	6.634837	6.810281	6.372993	7.036721
protein_co	solute_carr	3257	2327	2449	902	1247	606	63.39593	58.08304	57.51491	27.25088
protein_co	ring_finger_	500	364	409	433	499	408	6.464022	6.034532	6.379758	8.688628
protein_co	sec1_family	844	701	711	553	478	636	16.77625	17.86816	17.05179	17.06114
protein_co	G2/M-phas	649	556	538	727	611	638	5.243215	5.760194	5.244249	9.116285
protein_co	HECT_dom	3309	2646	2893	1561	1713	1483	16.98698	17.41881	17.91909	12.43806
protein_co	heterogene	10406	8397	8530	15423	17232	17528	108.4065	112.1773	107.2182	249.3852
protein_co	retinitis_pi	1	3	0	15	20	25	0.011889	0.045738	0	0.276799
protein_co	suppressor_	3797	3044	3360	5659	6037	7451	38.01055	39.07667	40.58362	87.92931
protein_co	TOX_high_r	1296	1007	1094	799	874	906	12.93793	12.89136	13.17726	12.38047
protein_co	gem_(nucle	170	139	165	257	293	235	5.400612	5.66263	6.324498	12.67236
protein_co	transglutan	21	11	14	37	38	16	0.354588	0.238181	0.28522	0.969698

protein_co	TERF1_(TRF	785	596	667	388	475	387	16.97817	16.53015	17.40584	13.02517
protein_co	deleted_in_	0	1	0	9	16	19	0	0.019372	0	0.211024
protein_co	transducin_	0	0	0	84	88	65	0	0	0	2.539885
protein_co	sema_dom	2338	1952	2030	11640	14988	12940	15.93906	17.06504	16.69792	123.1691
protein_co	transient_r	707	544	574	438	460	514	4.564401	4.503732	4.471202	4.389034
protein_co	TYRO3_pro	797	615	680	2123	2599	2405	9.463496	9.364352	9.742047	39.12675
protein_co	WD_repeat	408	315	379	238	295	258	4.809233	4.761409	5.390175	4.354347
protein_co	calpain_3_(	2	0	0	1	4	2	0.029052	0	0	0.022546
protein_co	synaptosor	1151	889	934	445	516	488	20.08575	19.89408	19.66562	12.05322
protein_co	T-box_15	405	342	363	217	218	93	5.419651	5.868833	5.86099	4.507197
protein_co	phosphogly	4280	3158	3417	10219	12848	8632	63.10983	59.7138	60.79198	233.8795
protein_co	collagen_ty	957	682	699	2543	3805	2424	18.05785	16.50242	15.914	74.47848
protein_co	ezrin	2854	2431	2484	4908	5996	7295	43.22484	47.21432	45.39197	115.3757
protein_co	myosin_ligl	5863	4486	4783	2219	2163	2554	175.7776	172.4695	173.0183	103.2598
protein_co	argonaute_	1692	1406	1414	3010	3630	3533	6.20312	6.610046	6.254712	17.12801
protein_co	tektin_2_(t	26	15	19	27	36	10	0.701462	0.518957	0.618489	1.130641
protein_co	claspin	919	774	820	656	800	991	9.035841	9.758956	9.727808	10.01123
protein_co	ring_finger_	290	219	245	247	221	177	1.864542	1.805625	1.900589	2.464913
protein_co	unc-13_hor	12	6	13	166	244	135	0.128086	0.082126	0.167421	2.750159
protein_co	major_facil	336	264	239	135	229	242	4.361862	4.394869	3.743507	2.720175
protein_co	dihydropyr	5267	4359	4541	4093	5139	5357	53.65408	56.94238	55.81346	64.716
protein_co	transformir	648	527	537	38	35	41	6.013206	6.271206	6.012477	0.547325
protein_co	G_patch_d	316	286	297	168	204	229	2.53243	2.939177	2.871804	2.089729
protein_co	nucleopori	1787	1386	1436	1657	2117	2167	16.02457	15.93802	15.5369	23.06294
protein_co	cell_divisio	566	419	488	447	514	699	12.69844	12.05473	13.20997	15.56582
protein_co	catechol-O-	65	59	43	258	298	228	1.250657	1.455748	0.998255	7.705043
protein_co	cat_eye_syr	13	12	16	610	672	530	0.152928	0.181023	0.227097	11.1379
processed_	-	6	5	12	1	5	1	0.065005	0.069466	0.156864	0.016816
protein_co	vanin_3	1	0	0	0	0	0	0.026627	0	0	0
protein_co	enoyl_CoA_	956	809	847	567	640	1058	17.34114	18.81818	18.53751	15.96369
protein_co	leucine_ric	724	566	582	288	365	291	8.900989	8.9233	8.633179	5.495696
protein_co	SEC22_vesi	902	770	839	532	499	470	7.102401	7.774969	7.970923	6.501907
protein_co	xylulokinas	103	76	77	26	42	33	1.318142	1.247234	1.18895	0.516451
protein_co	histone_de	1452	1222	1234	613	696	600	14.09029	15.20667	14.4483	9.233034
protein_co	gamma-am	0	0	0	100	158	51	0	0	0	2.035229
protein_co	cell_divisio	1667	1329	1436	1174	1317	2705	25.44455	26.01318	26.4461	27.81363
protein_co	uracil_phos	171	120	124	241	275	295	3.589164	3.229891	3.14027	7.851357
protein_co	cell_divisio	765	648	679	859	927	725	11.37674	12.35779	12.18356	19.82805
protein_co	achalasia_a	1269	932	1002	1471	1604	1434	29.51559	27.7981	28.11937	53.10471
protein_co	chromobox	7969	6348	6984	6784	7993	6367	32.41382	33.11103	34.2751	42.82947
protein_co	SUN_doma	1261	935	1063	758	601	698	9.992954	9.501666	10.16389	9.32349
protein_co	mutS_hom	1010	811	848	4742	4789	4995	13.05373	13.44136	13.22382	95.12729
protein_co	mitogen-ac	296	202	214	410	466	346	1.979667	1.732452	1.72688	4.256129
protein_co	deoxyhypu	1027	750	824	978	1144	827	35.33092	33.08683	34.20265	52.22204
protein_co	hook_hom	284	209	259	963	1348	991	5.11593	4.82794	5.629295	26.92545
protein_co	neurexophi	1	0	0	1	0	0	0.020485	0	0	0.031795
protein_co	archain_1	5612	4827	5042	2446	2723	2234	65.1676	71.87878	70.64232	44.08603
protein_co	erythrocyte	17	22	12	590	706	416	0.137436	0.228079	0.117053	7.403463
protein_co	transmemb	100	112	88	204	208	186	1.185289	1.70236	1.258505	3.753053
protein_co	proteasom	721	562	603	487	616	708	9.819257	9.814971	9.908519	10.29444
protein_co	prostaglan	9	2	8	13	14	12	0.085014	0.024226	0.091177	0.1906
protein_co	nucleopori	2328	2018	2015	2185	2381	2702	19.1879	21.32922	20.03861	27.95287
protein_co	carnitine_C	1302	953	1034	444	564	190	22.09584	20.73967	21.1723	11.69534
protein_co	SH2_domai	40	24	33	61	92	32	0.600384	0.461945	0.597629	1.421116
protein_co	N-acetylneu	761	557	599	427	513	367	11.78834	11.06452	11.19548	10.26659
protein_co	TBC1_dom	197	163	207	205	211	171	2.888472	3.064777	3.662017	4.665372
protein_co	deafness_au	212	170	195	974	1247	468	2.787629	2.866535	3.093725	19.87872
protein_co	phosphodi	9	8	10	2	7	3	0.127611	0.145461	0.171078	0.044016
protein_co	CWF19-like	414	352	303	478	504	485	7.205816	7.856603	6.363169	12.91342
protein_co	sema_dom	146	131	117	191	213	124	1.470348	1.691796	1.421678	2.985598
protein_co	BTAF1_RNA	1242	1102	1182	1002	1126	818	8.032745	9.139729	9.223758	10.05867
protein_co	IKAROS_fan	188	165	176	113	129	190	1.935307	2.178138	2.186013	1.805514
protein_co	B-cell_linke	0	0	0	0	1	0	0	0	0	0
protein_co	tolloid-like	55	30	40	202	228	244	0.381727	0.267006	0.334965	2.176069
protein_co	cytochrom	0	0	3	63	76	165	0	0	0.075602	2.042373

protein_co	tudor_dom	0	0	0	5	12	16	0	0	0	0.080687
protein_co	sorbin_and	406	268	315	889	1053	769	2.588706	2.191295	2.423346	8.798102
protein_co	cartilage_a	3	4	4	61	72	28	0.048675	0.083225	0.078305	1.536183
protein_co	BMP_and_a	281	180	230	542	702	559	6.993681	5.744885	6.906776	20.93771
protein_co	interleukin	592	508	539	15	24	3	12.16961	13.39147	13.36878	0.478605
protein_co	myosin_IIIA	0	0	0	99	113	85	0	0	0	1.291023
protein_co	WW_doma	2414	1864	1930	2033	2398	1950	25.00939	24.76402	24.12522	32.69141
protein_co	cAMP_resp	337	317	281	185	187	179	5.945047	7.171236	5.981082	5.065562
protein_co	nucleotide_	1667	1134	1354	1549	2114	1825	34.97345	30.50881	34.27438	50.44112
protein_co	tryptase_de	0	0	0	0	1	0	0	0	0	0
protein_co	chromosor	1	0	0	85	79	20	0.051641	0	0	6.813087
protein_co	human_im	532	430	479	310	326	379	2.763431	2.864275	3.002068	2.499362
protein_co	triggering_	2	2	2	0	1	2	0.089828	0.115191	0.108382	0
protein_co	potassium_	0	0	0	1	0	0	0	0	0	0.057217
protein_co	FK506_bin	601	465	497	913	1124	901	3.816482	3.786614	3.807967	8.998911
protein_co	SRSF_prote	1027	861	1036	1702	2250	1864	10.11257	10.87185	12.30832	26.01244
protein_co	bromodom	1156	864	985	930	1066	1296	8.95652	8.584293	9.208009	11.18394
protein_co	mitochond	272	217	201	283	400	329	12.0095	12.28641	10.70779	19.39424
protein_co	progastrics	0	0	0	1	1	1	0	0	0	0.053085
protein_co	transmemb	333	270	264	94	123	126	15.7403	16.36597	15.05638	6.896473
protein_co	EF-hand_do	416	334	339	99	98	111	3.582415	3.688403	3.522332	1.323269
protein_co	natural_cyt	0	0	0	1	0	0	0	0	0	0.063067
protein_co	heat_shock	27817	22707	23570	55343	54851	51987	487.7859	510.6086	498.6854	1506.302
protein_co	motilin	6	0	5	2	1	0	0.497067	0	0.499784	0.257172
protein_co	cell_divisio	1282	1025	1080	929	969	1190	9.359023	9.595678	9.512929	10.52661
protein_co	inositol_14	355	278	315	1974	2686	1844	1.721758	1.729012	1.843327	14.86009
protein_co	zinc_finger_	139	104	133	119	108	88	2.10181	2.016607	2.426489	2.792904
protein_co	desmoplaki	4047	3228	3714	6883	7578	5541	19.37157	19.81411	21.44972	51.13754
protein_co	sirtuin_1	624	438	518	961	1136	1533	7.146891	6.433036	7.158308	17.08388
protein_co	heterogene	2627	2172	2245	2622	3001	2928	36.70443	38.91595	37.84625	56.86193
protein_co	intraflagell	131	131	121	217	139	158	2.839848	3.641703	3.16488	7.301533
protein_co	Janus_kina	312	242	308	69	54	53	2.768152	2.753342	3.297116	0.9502
protein_co	interleukin	2	0	0	1	1	0	0.032271	0	0	0.025045
protein_co	c-abl_onco	6374	5117	5406	3659	4527	3442	51.83437	53.3618	53.04322	46.18475
protein_co	acyl-CoA_th	2319	1738	1905	2769	3146	2543	44.76655	43.02412	44.37066	82.96718
protein_co	SH3-domai	1803	1489	1485	437	496	330	13.26993	14.05325	13.18704	4.992116
protein_co	cell_divisio	240	198	168	690	741	809	3.396802	3.593631	2.868906	15.15788
protein_co	synapse_de	78	69	65	180	278	222	0.663538	0.752713	0.667164	2.376699
protein_co	proprotein	1467	1235	1215	590	628	578	7.211958	7.785731	7.206882	4.502001
protein_co	stearoyl-Co	24711	20206	21752	11510	11612	15073	216.0946	226.5913	229.5096	156.2282
protein_co	transmemb	224	173	154	138	228	169	7.838331	7.763026	6.501961	7.495233
protein_co	actin_bindi	291	224	242	1536	1846	1809	1.793978	1.770849	1.800062	14.69758
protein_co	endoplasm	419	353	366	717	855	499	3.65456	3.948255	3.851681	9.706681
protein_co	RAB18_mer	1223	915	900	470	631	699	11.7369	11.26049	10.42119	7.000922
protein_co	neuropilin_	1960	1643	1750	1	2	12	15.62469	16.79586	16.83222	0.012373
pseudogen	hydroxyste	4	2	0	0	2	0	0.133876	0.085838	0	0
protein_co	phosphorib	230	156	150	75	86	155	5.547687	4.825231	4.365394	2.807863
protein_co	palmdelphi	7	17	14	0	0	2	0.062	0.193088	0.149614	0
protein_co	tetraspanir	76	48	71	143	188	134	2.098729	1.699782	2.365642	6.129277
protein_co	H2A_histor	2008	1475	1582	2126	2719	1949	47.55311	44.79366	45.20326	78.14639
protein_co	family_with	625	546	585	363	386	398	6.313283	7.07257	7.12983	5.691311
protein_co	microtubul	340	254	285	290	357	146	2.707644	2.593914	2.738454	3.584603
protein_co	myeloid_zi	320	253	287	239	349	226	4.60129	4.665084	4.9792	5.334061
protein_co	occludin/El	219	188	167	345	461	227	6.915093	7.612392	6.362363	16.90844
protein_co	myosin_IXB	6670	4999	5581	2259	3094	2131	41.028	39.43183	41.42042	21.56757
protein_co	potassium_	371	252	266	323	428	159	6.525205	5.683687	5.644818	8.817658
protein_co	catsper_ch	5	7	5	30	31	5	0.061942	0.111204	0.074736	0.576854
protein_co	proteasom	4069	3084	3175	2149	2343	2248	120.6803	117.293	113.6162	98.92713
protein_co	F-box_and_	2221	1601	1816	3031	3871	3278	26.26551	24.2794	25.91201	55.63571
protein_co	syntaxin_1	269	235	240	230	326	163	2.70442	3.029696	2.911261	3.589055
protein_co	hydroxy-de	146	107	120	65	66	61	3.111792	2.924495	3.085937	2.150312
protein_co	SET_domai	1161	819	896	1102	1478	1672	7.886326	7.134044	7.343424	11.61862
protein_co	B-cell_CLL/	882	672	717	231	389	211	17.1677	16.77344	16.83879	6.978885
protein_co	melanoma_	0	0	0	2	3	8	0	0	0	0.09041
protein_co	ephrin-A2	479	282	317	531	755	350	10.48078	7.912554	8.368845	18.03363

protein_co	cold_induc	4008	3120	3147	2670	3439	3900	53.26961	53.17601	50.46574	55.07995
protein_co	ATP_syntha	1611	1292	1264	1396	1751	1443	47.59913	48.95255	45.06077	64.02054
protein_co	chromosor	910	642	739	673	892	389	10.01406	9.059688	9.812086	11.49514
protein_co	protocadhe	56	36	47	57	63	71	0.31867	0.262703	0.3227	0.503453
protein_co	amelogenir	0	0	0	2	3	1	0	0	0	0.181496
pseudogen	protein_kir	313	228	275	234	293	216	2.03333	1.899362	2.155481	2.359445
protein_co	insulin-like	4	2	2	4	7	6	0.087809	0.056301	0.052973	0.136292
protein_co	heterogene	9218	6969	7645	8607	10317	15755	168.3147	163.1793	168.4267	243.9314
protein_co	membrane-	322	270	291	267	341	175	9.05734	9.739079	9.876108	11.65699
protein_co	NADH_deh	1158	994	1080	1288	1473	1320	102.2573	112.5594	115.0688	176.5356
protein_co	trans-23-er	1806	1531	1577	1338	1549	1337	29.21124	31.75534	30.77598	33.59068
protein_co	translocase	1579	1149	1200	2592	3380	3580	37.52627	35.0173	34.40984	95.6134
protein_co	cell_divisio	2098	1571	1567	2457	3297	2305	67.19621	64.52453	60.55589	122.1448
protein_co	methylthio	555	446	538	529	638	722	4.250892	4.380576	4.971843	6.288879
protein_co	chromosor	2	0	3	21	26	15	0.032665	0	0.059118	0.53235
protein_co	centrosom	2481	1788	1993	1994	2621	2078	17.14831	15.84789	16.62072	21.39194
protein_co	polymerase	3946	3009	3053	4130	5487	4486	75.80009	74.12149	70.75994	123.1383
protein_co	polymerase	1874	1392	1414	3755	4863	3067	23.12418	22.02649	21.05204	71.91794
protein_co	hyperpolar	41	29	30	231	326	140	0.564111	0.511668	0.498024	4.933138
protein_co	cadherin-re	60	62	47	51	68	11	0.773976	1.025598	0.731513	1.02112
protein_co	IZUMO_fam	8	4	7	2	5	6	0.174963	0.112182	0.184715	0.067892
protein_co	Ras_associa	392	293	317	429	581	314	9.533655	9.137983	9.302093	16.19426
protein_co	growth_arr	870	606	628	117	125	139	20.32602	18.15578	17.70275	4.242769
protein_co	paralemmi	1190	811	920	778	960	394	20.36464	17.79754	18.99615	20.66521
protein_co	mucosal_va	12	9	14	161	209	38	0.32657	0.314085	0.459697	6.800666
antisense	IGF2_antise	42	20	20	1	1	2	0.955546	0.583501	0.54901	0.035313
protein_co	MAP_kinas	1495	1123	1217	2890	3702	2795	17.12694	16.49786	16.82199	51.38862
protein_co	armadillo_	729	462	521	1097	1534	902	8.459001	6.874528	7.294194	19.75735
protein_co	tRNA_meth	580	443	466	465	633	577	9.175509	8.987011	8.894799	11.41788
protein_co	RAN_bindi	2768	2139	2284	3752	4701	5904	59.61946	59.08022	59.3562	125.434
protein_co	zinc_finger	1783	1264	1363	888	1105	736	16.56855	15.06224	15.28189	12.80786
protein_co	kelch-like_f	941	707	760	194	265	116	16.86678	16.25068	16.43631	5.397279
protein_co	mediator_c	2294	1761	1864	1124	1380	1055	22.88145	22.52469	22.43283	17.40151
protein_co	serpin_pep	5	2	4	3	3	2	0.096204	0.049347	0.092861	0.089594
protein_co	synaptosor	378	306	316	138	164	160	4.13832	4.295988	4.174144	2.344995
protein_co	v-crk_sarco	1763	1382	1679	3056	3528	2921	15.52434	15.60552	17.83855	41.76809
protein_co	leucine-zip	2013	1566	1607	646	887	626	20.64515	20.59564	19.88557	10.28341
protein_co	matrix_me	1756	1124	1066	199	293	111	21.53776	17.67876	15.77544	3.788433
protein_co	cat_eye_sy	0	0	0	2351	2796	2323	0	0	0	30.35397
protein_co	SWI/SNF_re	2728	2059	2246	2692	3157	2539	74.02544	71.64771	73.53506	113.3815
protein_co	purinergic_	9	5	1	3	4	2	0.114459	0.081543	0.015345	0.059219
protein_co	derlin_3	152	147	91	141	195	195	2.021924	2.50754	1.460531	2.911192
protein_co	solute_carr	0	0	0	5	4	0	0	0	0	0.157328
protein_co	BCL2-like_1	788	632	710	797	862	718	8.288321	8.524457	9.010455	13.01155
protein_co	D-dopachro	12	8	4	26	35	37	0.364194	0.311352	0.146474	1.224773
protein_co	D-dopachro	3	9	3	11	6	11	0.134227	0.516382	0.161953	0.76391
protein_co	glutathione	0	1	0	19	24	9	0	0.054963	0	1.264
protein_co	oncostatin_	0	0	0	2	4	0	0	0	0	0.078511
protein_co	calcineurin	3751	2832	2977	2919	3413	2242	23.51396	22.76572	22.51675	28.40164
protein_co	TBC1_dom	227	194	162	55	90	38	1.913706	2.0973	1.64783	0.719685
protein_co	sushi_dom	22	20	20	24	49	14	0.208907	0.243539	0.229143	0.353729
protein_co	splicing_fa	3157	2471	2547	3442	3719	4088	30.06943	30.18093	29.27033	50.88525
protein_co	gamma-glu	69	34	34	1	0	1	1.297278	0.819733	0.771278	0.029182
protein_co	ring_finger	533	376	401	309	294	145	12.54638	11.3498	11.38894	11.28964
protein_co	SEC14-like_	179	151	159	25	34	23	1.915844	2.072495	2.0533	0.415315
protein_co	SEC14-like_	0	0	0	0	2	0	0	0	0	0
protein_co	sperm_anti	651	511	584	492	600	597	4.518265	4.548006	4.890482	5.300128
protein_co	peptidylpro	1108	794	946	568	747	851	12.33186	11.33232	12.70364	9.81223
protein_co	ureidoprop	2	0	1	2	4	0	0.027437	0	0.016552	0.042586
protein_co	yippee-like_	144	113	108	361	425	103	1.559751	1.56957	1.411447	6.069186
protein_co	small_nucl	1615	1289	1443	1812	1956	2562	42.9537	43.96331	46.30655	74.80261
protein_co	pescadillo_	2103	1458	1754	2397	2775	3533	35.72815	31.76422	35.95414	63.20768
protein_co	mitogen-ac	2532	2203	2184	1516	1825	1499	10.77169	12.01832	11.21039	10.01036
protein_co	gamma-glu	18	6	13	104	136	69	0.320676	0.137074	0.279438	2.875798
protein_co	proline_de	0	0	2	1046	1556	1101	0	0	0.024198	16.28051

protein_co	protein_ph	1772	1426	1470	748	911	432	14.87187	15.34725	14.88563	9.743922
protein_co	solute_carr	388	255	291	172	225	108	6.70351	5.649631	6.066128	4.612427
protein_co	topoisome	582	470	538	537	634	709	6.555366	6.788615	7.311463	9.388122
protein_co	crystallin_b	4	3	3	8	4	2	0.216332	0.208062	0.195763	0.671555
protein_co	cytohesin_	3	4	0	1	0	0	0.038361	0.06559	0	0.019847
protein_co	DiGeorge_s	432	341	377	399	466	474	3.756767	3.802719	3.955669	5.385597
pseudogen	crystallin_b	314	223	245	155	193	232	9.438119	8.595477	8.885256	7.231326
protein_co	MFNG_O-fu	12	6	5	50	50	17	0.269483	0.172787	0.135478	1.742811
protein_co	caspase_rec	857	683	673	627	920	683	9.770179	9.985084	9.25731	11.09481
protein_co	low_densit	182	154	191	123	155	162	2.367263	2.568651	2.997482	2.483194
protein_co	solute_carr	5558	4220	4392	4434	4878	4240	158.8146	154.6299	151.4196	196.6518
protein_co	adrenergic_	117	108	94	638	808	497	0.602805	0.71355	0.584342	5.102023
protein_co	phospholip	1209	883	925	403	430	449	21.01966	19.68654	19.40391	10.87514
protein_co	lectin_gala	20	14	18	0	6	0	1.592191	1.429231	1.728963	0
protein_co	golgi-associ	1190	933	955	1234	1437	1189	17.41002	17.50424	16.85791	28.02193
protein_co	HIR_histon	172	154	160	168	297	322	1.989905	2.284725	2.233427	3.016779
protein_co	SH3-domai	168	110	107	205	333	159	2.522422	2.117924	1.938386	4.777413
protein_co	seizure_rela	0	1	1	25	20	16	0	0.009205	0.008661	0.278551
protein_co	lectin_gala	36720	29130	29500	290	373	169	2702.985	2749.735	2620.059	33.13366
protein_co	Hermansky	814	633	754	954	1101	697	6.220416	6.20309	6.952075	11.3155
protein_co	phosphoin	349	235	250	109	110	74	5.400863	4.663532	4.667946	2.618151
protein_co	SRR1_dom	212	168	192	78	130	132	7.676204	7.800622	8.388029	4.383648
protein_co	POZ_(BTB)_	901	657	801	2410	3040	3580	11.17374	10.44837	11.98545	46.38966
protein_co	TRIO_and_F	311	302	297	148	230	138	1.439707	1.792793	1.658893	1.063423
protein_co	tuftelin_int	1159	916	989	570	683	736	15.15492	15.35942	15.60323	11.56846
protein_co	glycine_C-a	604	453	490	605	663	429	17.1024	16.44855	16.74034	26.58924
protein_co	crystallin_b	28	20	13	20	11	6	1.191398	1.091285	0.667406	1.320868
protein_co	ankyrin_rep	470	305	365	155	217	172	9.171164	7.631955	8.59345	4.694494
protein_co	eukaryotic_	44	29	31	71	88	101	0.640733	0.541542	0.544671	1.604772
protein_co	NHP2_non-	1614	1213	1250	1829	1885	2073	45.31766	43.67512	42.34693	79.70914
protein_co	MICAL-like_	1342	1054	1216	1027	1454	980	13.36017	13.4558	14.60633	15.8694
protein_co	polymerase	1090	797	850	1042	1213	1322	24.26881	22.75567	22.83437	36.00976
protein_co	SRY_(sex_d	6	2	6	60	95	37	0.097721	0.041771	0.117907	1.516773
protein_co	coiled-coil_	116	102	107	109	112	106	4.282868	4.829322	4.766598	6.246455
protein_co	DEP_domai	350	310	293	345	447	262	3.03355	3.445515	3.064071	4.641226
protein_co	protein_int	238	168	189	360	510	505	4.409255	3.991231	4.224722	10.35193
protein_co	tetratricop	1500	1286	1382	326	429	321	5.964133	6.557018	6.629979	2.01189
protein_co	solute_carr	6	2	4	13	17	17	0.149808	0.064036	0.120502	0.503801
protein_co	centromere	272	200	237	448	483	502	12.72863	12.00196	13.38163	32.54027
protein_co	septin_3	34	25	29	814	918	720	0.342925	0.323348	0.352912	12.74312
protein_co	solute_carr	2	1	0	4	0	0	0.01853	0.011881	0	0.057522
lincRNA	transmemb	1	0	0	5	5	8	0.00819	0	0	0.063563
protein_co	solute_carr	1	3	4	12	15	2	0.023121	0.088949	0.111589	0.43065
protein_co	KDEL_(Lys-/	2447	2052	2018	89	122	73	66.40039	71.40413	66.07024	3.748497
protein_co	cytochrom	7	13	18	4	11	6	0.145428	0.346339	0.4512	0.128985
protein_co	DEAD_(Asp-	10588	8846	9194	7272	9260	7706	77.07988	82.58161	80.7569	82.16965
protein_co	DMC1_dos	7	6	16	57	52	41	0.138435	0.152163	0.381783	1.749662
protein_co	transcriptic	1643	1298	1405	1286	1415	1119	10.3968	10.53286	10.7272	12.63088
protein_co	HscB_iron-s	128	100	105	67	85	80	5.387722	5.397648	5.332521	4.377241
protein_co	chibby_hor	230	199	211	145	143	133	8.498585	9.429338	9.406959	8.316053
protein_co	translocase	996	816	873	1265	1463	1711	32.61345	34.26391	34.49051	64.29221
protein_co	rhabdoid_t	8	7	4	1	5	1	0.290566	0.326033	0.175292	0.056375
protein_co	X-box_bind	2902	2316	2599	1712	2442	1844	62.62072	64.0868	67.6667	57.33963
protein_co	chromosor	2030	1713	1714	2151	2290	2236	46.95942	50.81517	47.83938	77.23204
protein_co	Josephin_d	2011	1627	1598	692	880	494	25.84864	26.81776	24.7828	13.80582
protein_co	F-box_prot	1810	1561	1642	1206	1364	1140	12.32872	13.63489	13.49462	12.75021
protein_co	GTP_bindir	1610	1302	1453	3078	3464	2134	14.72745	15.27292	16.03672	43.70196
protein_co	polymerase	2513	1905	2091	2863	3146	2551	34.24429	33.28895	34.37936	60.55466
protein_co	RAB36_me	392	294	253	26	33	58	4.801695	4.618119	3.739186	0.494325
protein_co	TIMP_meta	15486	12251	12703	119	158	171	157.7534	160.037	156.1327	1.881555
protein_co	protein_ph	1809	1403	1588	1041	1335	881	21.04815	20.93352	22.29328	18.79994
protein_co	SET_bindin	5473	4079	4541	2865	4104	2455	41.04095	39.22428	41.08578	33.34625
protein_co	Sad1_and_	1521	1069	1166	451	541	418	17.58809	15.85173	16.26807	8.094622
protein_co	cytochrom	7185	5325	5290	2207	2695	2148	85.55225	81.30807	75.99909	40.78848
protein_co	dynein_axo	348	298	284	227	288	191	10.84955	11.91402	10.68314	10.98472

protein_co	myo-inosit	2	1	0	3	5	2	0.056562	0.036266	0	0.131688
protein_co	lipase_mat	3382	2429	2723	740	1076	793	59.66217	54.94931	57.95903	20.26225
protein_co	rhomboid_	614	443	540	672	883	931	16.0482	14.8481	17.02942	27.262
protein_co	protein_kir	1729	1268	1549	1548	1933	1655	24.95317	23.46709	26.97306	34.67625
protein_co	tubulin_tyı	225	193	203	121	156	75	6.257565	6.883185	6.811879	5.223224
protein_co	RAS-like_fa	30	21	21	21	36	24	0.817849	0.734143	0.690747	0.888591
protein_co	adaptor-rel	2585	2018	2131	2403	2977	2722	29.02555	29.05698	28.87031	41.87976
protein_co	HMG_box_	986	761	810	847	928	917	10.96621	10.8536	10.86958	14.62156
protein_co	target_of_r	759	572	620	513	626	468	13.57343	13.11756	13.37788	14.23953
protein_co	neurofilam	51	39	49	107	160	161	0.632141	0.619895	0.732805	2.058535
protein_co	choline_kir	2	2	3	4	8	4	0.044361	0.056887	0.080287	0.13771
protein_co	BCL2-intera	8	9	14	19	36	22	0.39362	0.567857	0.83112	1.451014
protein_co	heme_oxyg	336	277	298	166	227	214	8.647116	9.141577	9.253293	6.630871
protein_co	malonyl_C	331	276	277	261	385	389	11.25496	12.03468	11.36433	13.77486
protein_co	THO_comp	1036	796	965	791	836	1131	10.2205	10.07013	11.48651	12.1121
protein_co	minichrom	2464	1770	2025	4585	5205	8143	25.1222	23.14193	24.91094	72.55825
protein_co	apolipopro	0	0	0	6	4	0	0	0	0	0.417076
protein_co	arylsulfatas	714	501	592	121	146	112	16.30759	14.67366	16.31403	4.289506
protein_co	translocatc	2629	2002	1978	249	331	185	129.0826	126.0522	117.1794	18.97609
protein_co	RASD_famil	172	108	100	79	81	29	2.363741	1.903288	1.658133	1.685113
protein_co	tubulin_tyı	1527	1179	1273	4612	5784	5241	21.15245	20.94329	21.2764	99.16114
protein_co	chromobo	72	65	72	315	321	119	0.827268	0.957715	0.998147	5.617652
protein_co	platelet-de	382	322	306	146	147	68	5.122101	5.536687	4.950559	3.038562
protein_co	acrosin	1	0	1	2	4	1	0.032722	0	0.03948	0.101577
protein_co	calcium_bi	11	8	7	9	9	10	0.158266	0.147603	0.121518	0.200987
protein_co	ribosomal_	33391	26439	27385	48710	53228	42454	742.7441	754.1611	734.9716	1681.738
protein_co	zinc_finger	151	125	131	117	105	50	2.868879	3.045472	3.002995	3.450258
protein_co	RNA_bindi	8265	6624	7008	2988	3415	2583	55.90681	57.45813	57.19578	31.37133
protein_co	synaptogyr	787	606	599	698	903	499	8.404109	8.298487	7.71777	11.56919
protein_co	TGF-beta_a	993	732	820	852	1048	654	14.38424	13.59747	14.33176	19.15613
protein_co	activating_	1337	1026	1079	758	888	857	22.20756	21.85376	21.62415	19.54201
protein_co	myotubula	1184	963	1033	548	603	364	6.23375	6.501796	6.562149	4.478254
protein_co	Smith-Mag	1293	998	1133	1138	1446	1204	10.77845	10.66836	11.39556	14.72416
protein_co	apolipopro	13	22	12	1	1	0	0.17855	0.38748	0.198859	0.021318
protein_co	patatin-like	1	0	0	123	145	95	0.018468	0	0	3.525764
protein_co	apolipopro	8	1	4	0	0	2	0.12504	0.020043	0.075434	0
protein_co	patatin-like	1448	1183	1168	405	520	572	24.20561	25.35955	23.558	10.50831
protein_co	myosin_he	36783	28178	31732	15547	20119	14658	229.9367	225.8815	239.3353	150.8476
protein_co	calcium_ch	4	2	6	120	84	33	0.018728	0.012008	0.033894	0.87205
protein_co	sorting_an	930	714	755	1058	1277	1231	13.42602	13.21819	13.15102	23.70721
protein_co	thioredoxi	1097	845	819	871	920	939	29.63039	29.26825	26.69086	36.51567
protein_co	FAD-depen	515	357	387	437	591	474	4.861759	4.321791	4.408037	6.403216
protein_co	GRB2-relat	9	11	8	3	1	3	0.108402	0.169902	0.116261	0.056085
protein_co	eukaryotic_	3118	2589	2711	4237	4062	3632	67.84365	72.23946	71.17225	143.0942
protein_co	trinucleoti	1650	1408	1453	1414	1615	1285	4.232646	4.631695	4.497194	5.629993
protein_co	small_G_pr	1946	1532	1642	1233	1602	1037	21.633	21.83946	22.02394	21.27489
protein_co	intraflagell	623	498	590	363	444	275	4.51158	4.624655	5.155143	4.080165
protein_co	parvalbumi	0	0	0	18	38	16	0	0	0	2.201742
protein_co	KIAA0930	2606	1915	1984	1632	2035	1169	19.63293	18.50073	18.03435	19.08365
protein_co	neutrophil_	0	1	4	1	0	0	0	0.036642	0.137905	0.044351
protein_co	colony_stir	2	2	1	2	3	0	0.019273	0.024714	0.011627	0.029914
protein_co	solute_carr	454	315	360	366	356	467	8.414256	7.486516	8.050269	10.52862
protein_co	uroplakin_	0	0	0	3	8	2	0	0	0	0.207744
protein_co	family_witl	404	298	308	312	411	292	5.478186	5.181804	5.039114	6.566599
protein_co	potassium_	1270	925	959	448	537	456	33.77783	31.54853	30.77476	18.49424
protein_co	suppressio	4947	4247	4247	4803	5338	4937	64.52432	71.03512	66.83621	97.23543
protein_co	interleukin	70	47	51	8	15	17	0.798031	0.687114	0.70152	0.141561
protein_co	ring-box_1	40	48	27	30	23	25	1.002459	1.542614	0.816429	1.166966
protein_co	E1A_bindir	3309	2450	2815	2857	3646	3921	16.1877	15.36964	16.61555	21.69347
protein_co	l(3)mbt-like	509	367	423	306	397	563	4.062471	3.756193	4.073436	3.790744
protein_co	chondroad	10	2	4	12	6	6	0.185117	0.047477	0.089342	0.344792
protein_co	Ran_GTPas	3322	2543	2850	3951	4980	5275	36.89451	36.21745	38.19048	68.10824
protein_co	zinc_finger	4475	3473	3591	3042	3781	2943	35.51072	35.34114	34.3819	37.46762
protein_co	PHD_finger	543	448	489	838	960	1118	23.44501	24.80493	25.47461	56.15974
protein_co	aconitase_2	1952	1542	1623	1481	1757	1347	32.56112	32.98475	32.66526	38.34468

protein_co	polymerase	1077	759	847	321	444	783	11.43581	10.33481	10.85133	5.29038
protein_co	tRNA_5-me	719	558	608	667	892	999	11.49469	11.43963	11.72789	16.55102
protein_co	phosphom	460	328	339	82	128	77	8.498585	7.770911	7.556775	2.351436
protein_co	desumoyla	796	687	726	542	809	844	9.737661	10.77724	10.71584	10.29133
protein_co	ceramide_k	2643	2032	2183	1627	1931	1680	27.84951	27.45702	27.75378	26.6096
protein_co	bromodom	1201	975	1053	969	1282	1373	12.20523	12.70623	12.91157	15.2847
protein_co	zinc_finger_	1493	1002	1157	1170	1547	953	13.31687	11.46092	12.45156	16.1979
protein_co	megalencep	3	2	3	5	7	5	0.035767	0.030577	0.043154	0.092525
protein_co	histone_de	5	4	3	4	5	2	0.087253	0.089512	0.063166	0.108344
protein_co	potassium_	1	2	1	21	25	19	0.009698	0.024873	0.011701	0.316107
protein_co	abhydrolas	690	604	621	725	730	716	12.89008	14.46948	13.99737	21.02205
protein_co	KH_and_NY	1344	1036	1148	627	669	345	10.12372	10.00714	10.43352	7.330592
protein_co	FK506_bin	900	732	776	811	870	983	25.05999	26.13718	26.07042	35.05013
protein_co	short_chai	113	67	93	109	159	118	2.268224	1.724613	2.252364	3.395975
protein_co	cathepsin_	0	0	0	1	3	0	0	0	0	0.053358
protein_co	granzyme_	0	0	0	1	0	0	0	0	0	0.075186
protein_co	RNA_bindi	1043	898	907	675	764	952	11.5345	12.73504	12.10235	11.58641
protein_co	protein_arg	390	310	349	558	651	678	7.22525	7.364772	7.801206	16.04549
protein_co	coagulatio	733	607	662	86	112	76	12.7866	13.57842	13.9334	2.32852
protein_co	adaptor-rel	89	66	73	68	72	98	1.849828	1.759116	1.830679	2.193717
protein_co	polymerase	142	148	115	195	222	230	3.715615	4.966077	3.630683	7.919677
protein_co	methyltran	176	135	137	99	168	187	4.463301	4.390223	4.191911	3.896809
protein_co	son_of_sev	539	488	478	200	218	179	4.604431	5.345845	4.926779	2.651842
protein_co	cyclin-depe	81	53	54	37	61	43	1.273673	1.068705	1.024506	0.903036
protein_co	ninein_(GS	2673	2092	2322	955	935	809	12.17692	12.22108	12.76288	6.752619
protein_co	phosphory	989	817	825	2059	2294	1207	15.21464	16.11747	15.31325	49.16457
protein_co	tripartite_r	32	23	20	81	86	43	0.283967	0.261731	0.214139	1.115663
protein_co	proteasom	996	806	820	1015	888	1342	15.89059	16.49017	15.78493	25.13491
protein_co	glucosamir	614	472	529	381	536	395	7.458671	7.352659	7.753482	7.183706
protein_co	DDHD_dom	489	365	428	220	239	218	4.092311	3.917076	4.32167	2.857676
protein_co	cyclin-depe	391	349	371	368	354	355	17.13458	19.61243	19.61637	25.03081
protein_co	cornichon_	914	668	763	466	580	457	30.24522	28.3463	30.46373	23.93464
protein_co	cell_growth	125	102	110	102	116	123	2.538437	2.656232	2.695238	3.215045
protein_co	ATPase_H+_	902	712	803	616	615	986	22.92401	23.20456	24.62338	24.29938
protein_co	chromoson	8	2	2	0	0	0	0.121713	0.03902	0.036714	0
protein_co	pleckstrin_	20	11	11	7	1	9	0.605423	0.427003	0.401763	0.328895
protein_co	phosphatic	128	80	109	44	41	53	4.226706	3.387594	4.342768	2.255149
protein_co	proteasom	1181	934	971	1216	1201	1578	43.29719	43.91027	42.95138	69.19487
protein_co	vesicle_tra	325	252	224	287	403	352	2.847927	2.831753	2.368326	3.903533
protein_co	translocase	107	90	112	179	159	185	3.755413	4.05066	4.742857	9.751186
protein_co	glutathione	213	145	174	458	544	344	1.864745	1.62786	1.837965	6.223515
protein_co	KIAA0586	523	422	448	339	371	320	4.593272	4.75272	4.747298	4.621156
protein_co	transmemb	713	596	668	607	779	440	4.295039	4.603977	4.855144	5.675403
protein_co	sterile_alph	51	37	45	4	5	22	0.93268	0.867708	0.99294	0.113541
protein_co	AHA1_activ	1800	1366	1498	1555	1851	1706	60.20116	58.58581	60.44943	80.72225
protein_co	dishevelled	729	544	572	387	439	386	5.8875	5.633932	5.573749	4.851151
protein_co	isthmin_2_	2	0	3	41	40	9	0.030828	0	0.055794	0.980924
protein_co	serine_palm	1751	1412	1506	1207	1453	1053	10.0495	10.39208	10.42873	10.75217
protein_co	Ras_and_Ra	672	540	567	71	102	73	7.724955	7.960306	7.864259	1.266822
protein_co	legumain	557	511	492	938	1150	851	12.34881	14.52781	13.16083	32.27776
protein_co	alkB_alkyla	165	138	152	174	186	182	2.982596	3.198887	3.315141	4.881914
protein_co	SNW_doma	671	589	577	778	756	754	14.54609	16.37376	15.09203	26.17785
protein_co	chromogra	3	2	0	170	197	210	0.068187	0.058294	0	5.997366
protein_co	inositol-tet	905	697	753	3353	3798	2954	6.995626	6.909078	7.022973	40.22926
protein_co	dehydroge	612	503	535	459	548	383	12.35861	13.02553	13.03527	14.3867
protein_co	protein_ph	761	662	729	682	771	522	4.36013	4.863872	5.039534	6.064983
protein_co	SIX_homeo	1556	1217	1371	750	929	812	11.60873	11.64327	12.34129	8.68494
protein_co	UDP-N-acet	449	329	357	130	178	111	3.794812	3.565736	3.640493	1.705367
protein_co	ankyrin_rep	0	0	0	3	6	0	0	0	0	0.076826
protein_co	centrosom	279	265	260	155	168	139	2.806159	3.417931	3.155219	2.419749
protein_co	enhancer_c	1157	905	987	1377	1638	1778	48.61268	48.76117	50.03586	89.80088
protein_co	hypoxia_in	2836	2367	2476	1694	1455	2213	33.90619	36.28945	35.71671	31.43523
protein_co	KIAA0247	1290	884	1050	125	140	55	11.22645	9.865393	11.02529	1.68847
protein_co	serine/argi	2735	2271	2394	2269	2814	4146	42.13016	44.8603	44.49466	54.25012
protein_co	solute_carr	2	0	1	5	3	5	0.045769	0	0.027611	0.177598

protein_co	eukaryotic_	3446	2654	2913	2346	2810	3252	27.17965	26.84348	27.72152	28.72017
protein_co	solute_carr	0	0	1	7	2	4	0	0	0.010739	0.096708
protein_co	dicer_1_rib	1771	1413	1482	1175	1352	1105	8.038159	8.224122	8.115855	8.277637
protein_co	zinc_finger_	915	722	764	891	1103	858	9.634935	9.749318	9.706644	14.5625
protein_co	methylenet	1703	1397	1541	2476	2705	2982	23.15943	24.36233	25.28505	52.26299
protein_co	T-cell_leuke	0	0	0	1	3	0	0	0	0	0.052172
protein_co	zinc_finger_	822	657	718	717	811	751	9.190175	9.419475	9.685554	12.44233
protein_co	TEL2_telom	1158	829	956	1306	1900	2211	16.38462	15.04152	16.32051	28.68148
protein_co	pecanex_ho	2351	1950	2079	936	1030	786	8.533047	9.07602	9.104457	5.273001
protein_co	bradykinin_	0	3	1	1	0	0	0	0.106929	0.033536	0.043142
protein_co	GSK3B_inte	305	290	264	389	360	437	3.730166	4.548159	3.895653	7.384283
protein_co	vaccinia_re	364	282	352	803	798	832	9.78107	9.717251	11.41237	33.49122
protein_co	proteasom	2333	1896	2039	1431	1416	1772	48.70633	50.75961	51.36129	46.37039
protein_co	papilin_pro	11	3	14	71	95	47	0.087245	0.030512	0.133974	0.874047
protein_co	ribosomal_	20	14	24	39	39	33	0.22318	0.200337	0.323135	0.675491
protein_co	SMEK_hom	1381	1171	1148	1513	1772	1955	15.76317	17.14021	15.81029	26.80522
protein_co	chromoson	99	70	71	169	206	99	1.966163	1.782755	1.701339	5.209566
protein_co	proteasom	3145	2410	2484	2092	2628	2728	113.9638	111.9883	108.604	117.6626
protein_co	YY1_transc	2857	2276	2441	2811	3632	2872	20.0037	20.43533	20.62129	30.54861
protein_co	apoptotic_	4924	3892	4164	4673	6002	5339	46.7855	47.42151	47.73666	68.91591
protein_co	cyclin_B1_i	624	569	525	1760	1933	1471	17.93953	20.97723	18.211	78.53614
protein_co	thyroid_ho	1142	921	1041	320	211	434	5.356983	5.54017	5.891867	2.329886
protein_co	APEX_nucle	4092	3186	3407	5299	6053	7197	106.4193	106.2527	106.9067	213.8991
protein_co	poly(A)_bin	762	601	637	863	1006	1314	12.90831	13.05564	13.01972	22.6911
protein_co	embryonal_	2329	1678	1905	1178	1756	618	35.02465	32.35978	34.56586	27.49667
protein_co	Rho_GTPas	1003	907	924	686	506	699	4.89699	5.678647	5.443124	5.198557
protein_co	cyclin-depe	598	433	483	497	584	559	11.95236	11.09813	11.6479	15.4184
protein_co	dehydroger	29	27	20	334	318	763	0.2557	0.305285	0.21277	4.570977
protein_co	signal_reco	1256	1115	1098	817	856	847	25.30892	28.81166	26.69527	25.55268
protein_co	copine_VI_	4	1	0	2	4	2	0.041313	0.013244	0	0.032062
protein_co	chromodor	2478	2094	2192	1947	2403	2160	14.12	15.30098	15.0703	17.21987
protein_co	phosphoen	390	254	305	977	1287	753	7.300242	6.096993	6.888435	28.38558
protein_co	KIAA0391	3	0	0	1	0	1	0.053794	0	0	0.027832
protein_co	DDB1_and_	820	701	706	1039	1213	906	8.943897	9.804835	9.291069	17.58972
protein_co	proteasom	31	28	31	23	35	21	0.307313	0.355948	0.370791	0.353898
protein_co	nuclear_fac	337	268	288	312	366	346	10.14245	10.34325	10.45812	14.57465
protein_co	ER_membr	259	213	189	328	454	335	12.74346	13.43929	11.22012	25.04908
protein_co	proteasom	972	784	832	709	837	705	16.54942	17.11756	17.0918	18.7367
protein_co	breast_can	201	159	144	120	155	121	3.547194	3.598283	3.066192	3.287006
protein_co	REC8_hom	80	82	71	363	416	382	1.380641	1.814738	1.478418	9.723617
protein_co	transmemb	112	71	82	33	60	38	1.916672	1.558108	1.693136	0.876545
protein_co	Sec23_hom	6421	5273	5707	1008	1123	842	71.43079	75.22287	76.60176	17.40499
protein_co	guanosine_	879	685	703	1021	1059	1131	19.08163	19.06894	18.41323	34.40193
protein_co	pinin_desm	2272	1813	1860	3398	3353	3910	29.79142	30.48527	29.42686	69.15709
protein_co	Rab_geranyl	589	478	482	279	340	285	12.19347	12.68964	12.03947	8.964929
protein_co	nuclear_fac	2286	1734	1815	566	715	245	18.80536	18.29212	18.01483	7.226907
protein_co	phospholip	1114	915	885	2206	2453	1781	23.16429	24.39856	22.20369	71.19833
protein_co	PDX1_C-ter	980	758	763	1078	1176	741	16.72815	16.59206	15.71427	28.56084
protein_co	glutathione	920	735	811	685	734	605	22.47984	23.03043	23.90971	25.97924
protein_co	matrix_met	80	70	54	223	254	158	1.605823	1.801835	1.307824	6.947729
protein_co	visual_syste	0	0	0	0	1	1	0	0	0	0
protein_co	transient_r	3032	2289	2543	1433	1841	1774	44.07022	42.66494	44.59749	32.32903
protein_co	phosphoryl	4927	3741	4096	1470	1740	1896	55.88464	54.41354	56.05546	25.87961
protein_co	abhydrolas	1071	885	891	1634	2156	1560	23.72187	25.13692	23.81142	56.17487
protein_co	protein_C_	340	301	352	297	359	217	11.82686	13.42661	14.77343	16.03531
protein_co	GINS_comp	722	598	605	1562	2180	2027	10.42	11.06729	10.53499	34.98986
protein_co	ninein-like	909	849	838	1350	1721	1362	8.577787	10.27374	9.54121	19.77314
protein_co	CD40_mole	106	102	83	200	237	129	2.868056	3.539088	2.709617	8.399285
protein_co	ubiquinol-c	618	480	507	718	903	678	7.965374	7.933563	7.884492	14.36391
protein_co	zinc_finger_	1188	910	972	2031	2439	2414	10.38891	10.2048	10.25576	27.56728
protein_co	serum/gluc	8	7	4	11	17	2	0.156626	0.175745	0.094489	0.33427
protein_co	intraflagell	503	408	400	394	416	386	13.42384	13.96298	12.88002	16.32057
protein_co	v-myb_mye	2539	1990	2076	4672	5491	6558	45.11321	45.34229	44.50578	128.847
protein_co	R3H_doma	0	0	0	0	2	0	0	0	0	0
protein_co	hepatocyte	0	0	0	0	3	8	0	0	0	0

protein_co	NDRG_fami	780	676	632	485	572	477	12.28147	13.64934	12.00662	11.85299
protein_co	Src-like-ada	3	0	9	2	2	8	0.051023	0	0.184686	0.052796
protein_co	chromosor	79	42	76	69	172	100	3.166078	2.158506	3.67499	4.292142
protein_co	nuclear_fac	145	111	102	69	76	30	0.903529	0.886964	0.766871	0.66735
protein_co	regulating_	398	272	263	1142	1398	631	3.58682	3.143437	2.859765	15.97435
protein_co	poly(A)_bin	465	366	430	400	527	469	9.808303	9.899912	10.94353	13.09578
protein_co	serine/thre	847	728	775	779	968	778	6.262353	6.902317	6.913595	8.939682
protein_co	sal-like_4_(	104	111	134	2204	2750	3353	1.394499	1.908609	2.167892	45.8698
protein_co	activity-dep	2561	2100	2223	2596	2946	3524	19.26297	20.25547	20.17442	30.30741
protein_co	prefoldin_s	346	312	305	495	618	538	11.09709	12.83208	11.80269	24.64159
protein_co	docking_pr	114	100	83	183	240	132	2.723108	3.063158	2.392138	6.784872
protein_co	cleavage_st	493	374	392	661	725	803	9.700704	9.437073	9.306587	20.18777
protein_co	bone_morp	520	383	368	2028	2405	1350	6.075955	5.738777	5.188085	36.77982
protein_co	RAE1_RNA_	580	469	500	453	508	730	8.365491	8.674523	8.701247	10.14126
protein_co	tumor_pro	1829	1504	1565	1001	1222	1439	36.30899	38.28756	37.48546	30.8436
protein_co	DnaJ_(Hsp4	2307	1698	1786	1109	1479	1484	20.46061	19.31159	19.11176	15.26628
protein_co	negative_el	1711	1279	1331	810	860	1081	22.40403	21.47613	21.0282	16.46234
protein_co	cathepsin_	1229	986	980	346	485	317	38.54704	39.65751	37.08628	16.84402
protein_co	PRP6_pre-r	2416	1926	1992	2353	2814	2682	37.21626	38.04533	37.02313	56.2585
protein_co	tubulin_be	16	13	27	2	3	3	0.2146	0.223595	0.436939	0.041636
protein_co	slowmo_ho	787	628	652	454	491	433	14.05272	14.37986	14.04693	12.58265
protein_co	histamine_	0	0	2	162	235	158	0	0	0.042554	4.434121
protein_co	GTP_bindir	694	471	541	396	461	490	11.11016	9.669216	10.44976	9.839809
protein_co	proteasom	5190	4041	4136	4335	5035	4768	237.8878	237.5215	228.7354	308.4071
protein_co	solute_carr	126	128	125	299	430	274	1.910783	2.489202	2.287173	7.037892
protein_co	neurotensi	1923	1604	1758	13	22	10	21.82224	23.34177	24.0706	0.228978
protein_co	MRG/MORF	840	577	680	698	849	511	24.07556	21.20715	23.51549	31.05153
protein_co	transcriptic	418	316	402	654	815	411	7.980467	7.73657	9.260323	19.38029
protein_co	death_indu	2453	1881	2031	2283	2770	4700	13.46222	13.23784	13.4486	19.44713
protein_co	GID_compl	865	716	778	1291	1528	1326	25.9003	27.4923	28.10712	59.99918
protein_co	solute_carr	10	4	4	333	478	368	0.11746	0.06025	0.056689	6.071061
protein_co	baculoviral	0	0	0	2	3	2	0	0	0	0.106403
protein_co	Na+/K+_tra	2	2	0	134	193	117	0.06558	0.084098	0	6.819925
protein_co	ADP-ribosy	5793	4331	4821	2077	2946	2329	78.34839	75.11455	78.67047	43.60071
protein_co	arginine_va	0	0	0	4	6	2	0	0	0	0.470306
protein_co	collagen_ty	2	0	0	24	27	4	0.011582	0	0	0.215724
protein_co	cholinergic	0	0	0	107	129	40	0	0	0	1.497296
protein_co	eukaryotic_	43	31	33	1160	1558	789	1.094016	1.011407	1.013018	45.80823
protein_co	protein_tyr	14	16	17	21	24	14	0.26311	0.385602	0.385484	0.612575
protein_co	glucocortic	865	600	685	787	853	789	8.896658	7.913551	8.500597	12.56366
protein_co	chromosor	915	683	719	1503	1981	1463	22.74887	21.77553	21.56829	58.00002
protein_co	sperm_flag	10	10	5	7	18	8	0.243585	0.312363	0.146949	0.264654
protein_co	cell_divisio	2020	1534	1676	624	723	571	26.35443	25.66475	26.38301	12.63623
protein_co	isthmin_1_	91	83	71	9	15	15	1.646216	1.925453	1.549715	0.252708
protein_co	ring_finger_	721	559	575	154	206	272	10.11904	10.06063	9.73688	3.354711
protein_co	ADP-ribosy	923	681	677	212	327	368	14.59679	13.81059	12.91791	5.203817
protein_co	NADH_dehy	227	190	165	159	247	196	4.418445	4.742491	3.875035	4.803648
protein_co	tribbles_ho	1004	672	769	153	228	224	18.83857	16.16936	17.40959	4.455906
protein_co	Ras_associa	37	27	32	371	403	228	0.319685	0.299153	0.333594	4.975365
protein_co	casein_kina	2505	2133	2195	3331	3622	3224	26.59862	29.04367	28.1212	54.89799
protein_co	solute_carr	0	0	0	337	403	251	0	0	0	8.015292
pseudogen	-	3	2	1	3	1	5	0.264915	0.226478	0.106545	0.411185
protein_co	angiopoieti	0	0	0	5	2	1	0	0	0	0.189334
protein_co	R-spondin_	0	0	0	47	66	70	0	0	0	1.263632
protein_co	CDP-diacyl	875	790	803	1272	1581	1237	4.412644	5.108899	4.886011	9.95654
protein_co	prokinetici	7	8	7	23	14	6	0.185336	0.27162	0.223619	0.945192
protein_co	histocompa	2909	2163	2433	1002	1152	1301	68.47543	65.29154	69.1005	36.60912
protein_co	syntaphilin	491	369	379	84	116	35	4.161034	4.010102	3.875315	1.104917
protein_co	myosin_ligl	18	21	25	2	2	0	0.285528	0.427174	0.47848	0.049242
protein_co	signal-regul	5	3	4	0	0	1	0.072339	0.055659	0.069825	0
protein_co	Sec23_hom	1385	1155	1186	1151	1308	1244	19.03919	20.36057	19.67123	24.55865
protein_co	fermitin_fa	274	216	235	472	626	911	2.494247	2.521459	2.5811	6.669009
protein_co	XK_Kell_blo	0	1	0	83	98	41	0	0.020663	0	2.07585
protein_co	prodynorpl	0	0	0	4	2	2	0	0	0	0.113941
protein_co	cerebral_ca	1	0	0	148	246	61	0.018062	0	0	4.149234

protein_co	phospholip	124	84	101	120	125	175	0.996805	0.865919	0.97962	1.49727
protein_co	myosin_ligl	1554	1131	1209	61	105	203	60.77322	56.7196	57.04736	3.702725
protein_co	hemopoiet	7	8	9	45	25	8	0.148051	0.216977	0.229671	1.477263
protein_co	transmemb	2386	1935	1876	1432	1487	1177	27.74791	28.85693	26.32333	25.84838
protein_co	TBC/LysM-a	6	2	8	12	14	17	0.135065	0.057734	0.217285	0.419279
protein_co	crooked_ne	665	522	551	506	558	698	7.077136	7.123866	7.075148	8.358279
protein_co	protein_O-	1821	1374	1421	670	778	826	16.31074	15.78192	15.35698	9.314702
protein_co	SAM_doma	284	245	274	740	952	953	2.783605	3.07939	3.240319	11.25775
protein_co	p21_protei	1	0	0	14	12	8	0.00981	0	0	0.213163
protein_co	kinesin_fan	1765	1492	1540	697	742	828	13.56069	14.69993	14.27598	8.311899
protein_co	maestro_he	31	22	28	33	64	35	0.424406	0.386235	0.462515	0.701236
protein_co	NOP56_rib	1964	1500	1660	2938	3569	5756	38.37166	37.58112	39.13139	89.09461
protein_co	mannosida	729	548	560	607	752	650	17.85004	17.20686	16.54427	23.06911
protein_co	isocitrate_(	1088	842	829	1388	1591	1411	31.49157	31.25265	28.95129	62.35701
protein_co	microtubul	3113	2420	2705	2582	2964	3243	55.64949	55.47621	58.34416	71.64218
protein_co	jagged_1	691	530	569	799	965	874	5.411893	5.322998	5.376894	9.712888
protein_co	CDK5_regu	383	353	328	560	574	545	6.776935	8.009743	7.002553	15.37988
protein_co	syntrophin	239	176	188	227	206	121	4.785104	4.518721	4.541501	7.054234
protein_co	oxytocin/n	0	0	0	6	5	1	0	0	0	0.851226
protein_co	TELO2_inte	626	495	502	1000	1045	881	7.416157	7.520023	7.175569	18.38802
protein_co	E2F_transc	1238	913	1031	1181	1839	1713	23.19211	21.93308	23.30377	34.33997
protein_co	regulation_	554	434	461	454	529	720	6.70549	6.736276	6.732397	8.529176
protein_co	peroxisoma	35	18	25	29	54	25	0.947547	0.624906	0.816621	1.218599
protein_co	charged_m	1554	1274	1287	1270	1537	1467	44.26919	46.54032	44.23613	56.15452
protein_co	bactericida	1	0	0	0	0	0	0.016412	0	0	0
protein_co	cystatin_9-	0	0	2	0	0	0	0	0	0.117989	0
protein_co	solute_carr	0	0	0	6	2	4	0	0	0	0.16965
protein_co	cystatin_C	3417	2493	2594	314	423	337	76.47885	71.55302	70.05101	10.90829
protein_co	agouti_sign	2	6	2	13	18	3	0.153738	0.591441	0.185493	1.551045
protein_co	cystatin_S	0	0	0	0	0	2	0	0	0	0
protein_co	ARP5_actin	226	198	185	225	284	341	4.739331	5.324553	4.680889	7.323549
protein_co	WAP_four-	0	0	0	514	575	555	0	0	0	45.73205
protein_co	adenosylhc	2161	1693	1799	5986	6707	5444	42.82727	43.0261	43.01747	184.1335
protein_co	protein_ph	1	3	1	455	448	679	0.007501	0.028858	0.009051	5.297522
protein_co	family_witl	749	624	644	1314	1456	1583	14.45888	15.44709	14.99985	39.37121
protein_co	epididymal	0	0	0	11	12	2	0	0	0	0.199297
protein_co	DEAH_(Asp-	320	243	292	418	500	535	4.512723	4.394448	4.968435	9.149461
protein_co	deoxynucle	639	505	570	594	744	758	23.22692	23.53918	24.99848	33.51256
protein_co	microtubul	364	255	258	50	84	44	10.84369	9.741485	9.273494	2.311938
protein_co	synapse_di	402	230	300	134	185	143	7.474142	5.483685	6.729838	3.866968
protein_co	phosphatid	557	380	416	441	508	504	16.00352	14.00081	14.42121	19.6666
protein_co	troponin_C	1	4	1	48	79	33	0.060115	0.308358	0.072533	4.478757
protein_co	acyl-CoA_th	252	181	219	391	455	328	3.862793	3.55786	4.050355	9.302681
protein_co	adipocyte_	1843	1524	1518	1300	1595	1546	35.56309	37.71103	35.34223	38.9357
protein_co	CUGBP_Ela	9	1	4	58	62	49	0.104149	0.01484	0.055849	1.041764
protein_co	zinc_finger_	2061	1498	1649	2183	2937	1272	11.21248	10.45068	10.82411	18.4335
protein_co	cadherin_2	39	34	41	3	4	13	0.471074	0.526639	0.597526	0.056244
protein_co	ADNP_hom	981	771	741	1446	1673	1640	8.52941	8.596342	7.773493	19.51411
protein_co	ribosome_l	99	80	81	55	66	69	2.925086	3.031118	2.887597	2.522299
protein_co	ubiquitin_s	2031	1653	1725	1316	1629	1825	19.38006	20.22681	19.86014	19.49089
protein_co	VAMP_(vesi	1832	1366	1480	1297	1695	1333	12.60492	12.05243	12.28639	13.85112
protein_co	methyltran	242	187	209	168	181	156	2.186394	2.166526	2.278281	2.355878
protein_co	lipin_2	1666	1410	1395	284	326	250	12.54114	13.61102	12.67022	3.318264
protein_co	structural_	1477	1171	1286	754	668	847	7.851327	7.982314	8.248056	6.22106
protein_co	myomesin_	33	27	22	22	39	9	0.264644	0.277665	0.212872	0.273842
protein_co	myosin_ligl	3959	3174	3231	1095	1213	1036	151.0477	155.2905	148.7351	64.84449
protein_co	centrosoma	104	78	87	130	139	127	1.473727	1.417384	1.487479	2.859285
protein_co	ST8_alpha-l	4	2	2	74	102	66	0.069057	0.044278	0.041661	1.982955
protein_co	centrosoma	902	738	776	585	661	580	4.898065	5.139061	5.084261	4.930652
protein_co	RNA_(guani	953	719	768	1385	1352	1399	7.14979	6.917332	6.951998	16.128
protein_co	SMAD_fami	995	719	751	904	1213	1690	15.11356	14.00496	13.76359	21.31291
protein_co	lipase_end	1381	1177	1279	84	96	235	15.56239	17.0086	17.39007	1.469239
protein_co	laminin_alp	288	193	226	3030	3755	2362	1.301747	1.118667	1.232511	21.25726
protein_co	ring_finger_	64	60	62	499	631	436	0.498499	0.5993	0.582671	6.032744
protein_co	ankyrin_rep	809	651	702	933	520	782	3.626926	3.742662	3.797304	6.492356

protein_co	nucleolar_	1	0	0	9	9	16	0.01185	0	0	0.165534
protein_co	polymerase	343	310	320	620	684	562	2.623271	3.040326	2.952889	7.359889
protein_co	mindbomb	2902	2357	2513	1746	1866	1197	14.20999	14.80012	14.84693	13.27
protein_co	retinoblast	513	475	492	330	388	670	7.304761	8.673445	8.452824	7.293451
protein_co	RIO_kinase_	525	504	492	331	338	350	6.096399	7.505056	6.893301	5.965853
protein_co	cleavage_st	453	333	408	454	501	676	9.215262	8.686864	10.01423	14.33494
protein_co	H2B_histor	0	0	0	1	1	2	0	0	0	0.033663
protein_co	matrix-rem	19489	14854	16568	225	320	218	93.31559	91.20474	95.71561	1.672159
protein_co	V-set_and_i	12	0	8	5	13	6	0.173881	0	0.139865	0.112453
protein_co	proteasom	805	676	706	750	776	748	24.41557	26.2922	25.8359	35.30715
protein_co	autophagy_	148	124	97	40	27	31	2.774779	2.981245	2.194252	1.164011
protein_co	steroid_sul	262	196	191	6	20	39	1.883942	1.807306	1.657096	0.066965
protein_co	transducin_	919	713	797	1166	1353	1134	7.346049	7.308651	7.686784	14.46663
protein_co	G_protein-	10	7	11	206	269	227	0.266118	0.238881	0.353196	8.508876
protein_co	progestero	3082	2421	2519	3734	4496	4550	75.62273	76.17699	74.57546	142.2082
protein_co	polymerase	510	398	430	657	659	955	4.359079	4.362315	4.434464	8.716064
protein_co	midline_1_	1538	1225	1359	939	1211	1052	11.15842	11.39703	11.89635	10.57407
protein_co	NFKB_activ	357	309	289	382	432	339	7.13848	7.923287	6.972418	11.85581
protein_co	Rhox_hom	0	0	0	6	5	2	0	0	0	0.567853
protein_co	nuclear_tra	96	81	85	168	133	171	1.672155	1.809255	1.786374	4.541979
protein_co	guanylate_	4	0	0	0	0	1	0.050501	0	0	0
pseudogen	-	18	16	12	11	9	13	1.545825	1.762045	1.243418	1.46626
protein_co	ALG13_UD	446	413	431	524	578	537	5.137054	6.100124	5.989694	9.367874
protein_co	phosphorib	465	392	387	638	718	588	8.683337	9.387049	8.719522	18.49204
protein_co	toll-like_re	0	3	2	2	3	0	0	0.042787	0.026838	0.034526
protein_co	motile_spe	199	152	181	199	187	149	3.947172	3.866214	4.331712	6.126557
protein_co	Alport_syn	443	366	343	521	696	585	3.774033	3.998457	3.52569	6.889222
protein_co	chordin-lik	42	29	27	255	304	260	0.500478	0.443142	0.388193	4.716353
protein_co	WD_repeat	1836	1448	1495	441	531	436	32.95945	33.33382	32.38146	12.28786
protein_co	suppressor_	240	224	229	273	315	332	3.919751	4.691423	4.51264	6.920545
protein_co	P_antigen_	0	0	0	1	2	0	0	0	0	0.048715
protein_co	sushi-repea	2600	2149	2347	109	141	85	65.05552	68.95354	70.85523	4.23319
protein_co	glycine_rec	5	0	1	6	1	0	0.072901	0	0.017592	0.135783
protein_co	X-linked_in	1444	1092	1258	617	816	671	7.881409	7.643084	8.284482	5.226998
protein_co	stromal_an	1218	1054	1110	1571	1036	1784	9.447815	10.48417	10.38855	18.91432
protein_co	ATPase_cla	1042	878	885	918	881	992	7.056528	7.624778	7.231271	9.649315
protein_co	MCF.2_cell	17	6	18	7	6	8	0.202061	0.091452	0.258139	0.12914
protein_co	ATP-bindin	669	449	472	268	361	353	8.561523	7.368526	7.288111	5.323413
protein_co	coiled-coil_	296	254	268	245	269	253	5.985099	6.586015	6.538264	7.689112
protein_co	calcium_ch	0	0	2	58	54	12	0	0	0.018641	0.695425
protein_co	synaptophy	23	10	10	34	60	35	0.433818	0.241874	0.227576	0.995379
protein_co	proteolipid	1300	1097	1107	62	59	41	56.494	61.13289	58.04364	4.181972
protein_co	BMX_non-r	0	0	1	0	0	0	0	0	0.021777	0
protein_co	leucine_zip	0	0	0	0	0	1	0	0	0	0
protein_co	plastin_3	5760	4756	5081	1625	1526	2036	81.18019	85.95651	86.40221	35.54769
protein_co	N(alpha)-ac	314	247	259	255	360	290	8.308953	8.381524	8.269219	10.47339
protein_co	renin_bind	3	8	2	235	327	90	0.101347	0.346569	0.081521	12.32223
protein_co	E74-like_fa	1071	805	896	55	63	23	12.05743	11.62173	12.17086	0.961078
protein_co	SWI/SNF_re	2644	2198	2303	877	921	994	30.24572	32.2433	31.78663	15.57157
protein_co	myotubula	4	2	4	53	64	51	0.071072	0.04557	0.085753	1.461663
protein_co	ankyrin_rep	9	5	0	3	3	7	0.216749	0.154417	0	0.112141
protein_co	zinc_finger_	3	6	5	24	58	50	0.019387	0.049721	0.038985	0.240727
protein_co	retinoblast	2086	1694	1662	2149	2604	2133	24.26509	25.26913	23.32634	38.80025
protein_co	potassium_	280	226	240	116	166	98	2.959027	3.06273	3.060203	1.90274
protein_co	ubiquitin-c	0	2	0	2	0	0	0	0.101656	0	0.123043
protein_co	solute_carr	252	165	197	141	165	221	7.289503	6.120553	6.875617	6.33063
protein_co	fragile_X_m	626	533	517	515	715	597	6.774325	7.396534	6.750412	8.650265
protein_co	pim-2_onc	179	120	170	2876	3782	4459	4.04497	3.477386	4.635102	100.8746
protein_co	sex_comb_	198	147	150	194	279	202	2.210529	2.104543	2.020554	3.361734
protein_co	solute_carr	1023	756	794	223	327	458	18.31557	17.35705	17.15195	6.196982
protein_co	polyglutam	703	525	557	731	922	812	23.08381	22.10654	22.06762	37.25633
protein_co	retinoschis	1	3	6	1	1	3	0.016687	0.064196	0.120802	0.0259
protein_co	proprotein	136	96	66	183	213	83	6.073374	5.497581	3.556175	12.68448
protein_co	emerin	1091	820	891	1024	1099	1011	37.09718	35.75521	36.55459	54.04388
protein_co	tafazzin	215	210	216	338	488	260	4.410041	5.523735	5.345717	10.76097

protein_co	RAB40A_m	0	3	0	1	0	0	0	0.175306	0	0.070729
protein_co	phosphogly	4780	4012	4057	13993	10163	9126	45.86337	49.36377	46.96681	208.3912
protein_co	GATA_bind	0	0	0	3	2	2	0	0	0	0.145851
protein_co	magnesium	1909	1479	1655	639	730	853	22.11837	21.97479	23.13626	11.49155
protein_co	spermine_s	2298	1662	1828	2396	2641	2697	58.65719	54.40159	56.29833	94.92673
protein_co	phosphate_	59	29	31	4	4	4	0.448236	0.282528	0.284161	0.047168
protein_co	ubiquitin-li	975	745	808	769	978	642	19.19302	18.80634	19.19102	23.49608
protein_co	CD99_mole	2050	1558	1665	289	322	293	19.47812	18.98323	19.08778	4.26208
protein_co	early_endo	659	562	569	267	135	216	3.129167	3.42207	3.259895	1.967818
protein_co	G_protein-	0	0	0	347	298	511	0	0	0	12.94443
protein_co	retinitis_pi	428	388	407	169	230	145	5.277131	6.134725	6.054754	3.234233
protein_co	PHD_finger	152	136	135	513	517	386	1.445403	1.658417	1.548914	7.571697
protein_co	cyclin-depe	3464	2594	2740	2810	3338	2375	51.43351	49.39097	49.08704	64.75973
protein_co	ubiquitin_s	3426	2699	2812	2187	2531	1876	45.70276	46.17079	45.2604	45.28291
protein_co	phosphate_	407	332	341	639	623	677	3.59605	3.761653	3.635245	8.763198
protein_co	bombesin-l	0	0	2	1	0	1	0	0	0.03994	0.02569
protein_co	HIV-1_Tat_s	1318	1073	1069	1234	1374	1517	20.4707	21.37107	20.03286	29.74835
protein_co	TIMP_meta	8504	6603	6590	335	345	295	281.804	280.5916	263.4859	17.23055
protein_co	kelch-like_f	290	254	236	225	198	392	2.337247	2.625123	2.294916	2.814619
protein_co	gamma-am	14	15	13	79	96	109	0.106292	0.146041	0.119087	0.930959
protein_co	protocadhe	37	36	43	475	400	265	0.189073	0.235906	0.265121	3.767481
protein_co	FYVE_RhoG	2686	1966	2172	1314	1801	1124	29.46119	27.65267	28.74433	22.37021
protein_co	protein_(pe	432	337	382	510	509	571	11.38005	11.38412	12.14148	20.85264
protein_co	porcupine_	187	131	140	248	251	157	4.15172	3.729642	3.75027	8.546113
protein_co	inter-alpha	1	0	0	0	1	0	0.009438	0	0	0
protein_co	melanoma_	8604	6935	7080	2424	2619	2232	184.3041	190.498	182.9852	80.59307
protein_co	RNA_bindi	3365	2535	2566	1218	1601	2258	72.98099	70.50372	67.14743	41.00176
protein_co	Kruppel-lik	1	2	3	198	212	129	0.005231	0.013416	0.018934	1.607586
protein_co	sushi-repea	3972	3093	3274	0	1	4	87.11279	86.98852	86.6362	0
protein_co	synaptotag	1154	954	1011	4	1	5	11.16383	11.83491	11.80067	0.060062
protein_co	zinc_finger_	1	0	0	65	49	69	0.007799	0	0	0.786874
protein_co	centromere	421	319	355	172	181	191	6.051716	5.880259	6.157052	3.837562
protein_co	dystrophin	389	309	438	9	15	7	2.506557	2.553265	3.405259	0.090012
protein_co	TAF7-like_R	10	3	6	3	1	1	0.200299	0.077057	0.145003	0.093268
protein_co	polysaccha	472	325	410	421	343	719	18.42805	16.27159	19.31387	25.51232
protein_co	galactosida	353	280	310	311	334	425	12.55856	12.77416	13.30683	17.17338
protein_co	armadillo_	1438	1143	1220	307	374	311	18.07717	18.42583	18.50459	5.990187
protein_co	brain_expr	802	606	621	624	798	634	28.31762	27.43875	26.45586	34.19774
protein_co	KIAA0226-l	1	4	2	2	13	8	0.011796	0.060508	0.028466	0.036619
protein_co	sodium_lea	381	326	320	8	6	10	2.621053	2.875926	2.656127	0.085422
protein_co	fibroblast_	895	789	771	9	5	8	10.75514	12.15849	11.17881	0.167867
protein_co	5-hydroxyt	8	13	9	0	0	0	0.105253	0.219329	0.142867	0
protein_co	Nedd4_fam	658	544	617	229	252	240	6.671055	7.072564	7.547478	3.603584
protein_co	tumor_nec	5	9	4	4	1	0	0.090802	0.209593	0.087646	0.112749
protein_co	fibronectin	1769	1522	1670	446	431	504	13.19574	14.55895	15.0304	5.163823
protein_co	motilin_rec	0	0	0	2	0	0	0	0	0	0.104719
protein_co	cytidine_ar	77	75	64	31	39	46	1.067257	1.333058	1.070302	0.666915
protein_co	calcium_bi	151	114	147	107	126	68	1.926113	1.864743	2.262405	2.118454
protein_co	Kruppel-lik	199	184	141	38	22	93	2.619628	3.106087	2.239513	0.776427
protein_co	serine/thre	1598	1278	1384	2698	3266	2508	17.24517	17.68605	18.02083	45.19215
protein_co	acid_phosp	22	10	8	103	111	43	0.607169	0.353913	0.266394	4.412195
protein_co	DnaJ_(Hsp4	1618	1230	1259	327	399	462	13.56967	13.22834	12.73986	4.256662
protein_co	UDP-glucos	952	707	726	206	249	226	9.238265	8.797965	8.500376	3.102781
protein_co	Rho_guanir	1257	998	1137	1016	1047	995	10.66801	10.86145	11.64278	13.38358
protein_co	fibroblast_	35	18	20	2	8	3	0.388898	0.256478	0.26813	0.034493
protein_co	sarcoglycar	4	3	5	3	0	1	0.115493	0.111077	0.174186	0.134445
protein_co	poly_(ADP-	2577	2145	2335	825	910	741	22.07446	23.562	24.13296	10.96882
protein_co	suppressor_	1080	913	999	842	800	748	13.28817	14.40528	14.83047	16.07992
protein_co	mitochond	290	248	241	353	355	404	10.51671	11.53302	10.54501	19.8695
protein_co	solute_carr	296	283	289	341	491	319	8.751226	10.72934	10.30916	15.64812
protein_co	karyopheri	1460	1212	1294	1195	1389	1196	15.31531	16.30365	16.37779	19.45679
protein_co	fms-related	1062	825	898	1030	1313	1029	7.029531	7.002694	7.171768	10.58204
protein_co	regulator_c	255	163	172	3	1	3	12.45516	10.20954	10.13644	0.227437
protein_co	von_Willeb	390	384	415	450	504	483	2.558711	3.230704	3.285131	4.58247
protein_co	diacylglyce	306	253	254	123	149	58	3.244764	3.440262	3.249701	2.024404

protein_co	katanin_p6	970	783	805	156	178	109	6.023483	6.235152	6.031424	1.503595
protein_co	integrator_	601	409	455	268	284	536	7.480993	6.52856	6.833516	5.177857
protein_co	dehydroger	98	66	70	123	142	68	2.3326	2.014501	2.010297	4.54412
protein_co	mesenteric	2	0	0	12	21	16	0.039503	0	0	0.367884
protein_co	TSC22_don	3593	2772	2904	1542	1710	1244	34.95349	34.58087	34.08615	23.2835
protein_co	ceroid-lipo	228	201	197	64	107	107	2.630641	2.973939	2.742464	1.146139
protein_co	mesothelin	0	0	0	2	6	3	0	0	0	0.060198
protein_co	mahogunir	2707	1990	2145	2298	2948	2295	19.75584	18.62386	18.88785	26.03081
protein_co	zinc_finger_	874	613	719	397	588	497	6.741549	6.063426	6.691526	4.753015
protein_co	TNFRSF1A-a	391	327	301	3	12	7	9.767713	10.47546	9.072577	0.116324
protein_co	heat_shock	27	15	14	1	3	0	0.486187	0.34637	0.304169	0.027949
protein_co	coronin_ac	333	266	266	109	114	114	5.401029	5.532524	5.205494	2.744033
protein_co	mitogen-ac	1146	908	868	867	891	830	20.93337	21.26913	19.13032	24.58126
protein_co	glycerophо	26	22	28	17	25	10	0.872685	0.946926	1.13394	0.885653
protein_co	engulfment	49	39	56	229	268	163	0.907788	0.926536	1.251769	6.584976
protein_co	phosphoryl	809	684	734	678	732	711	6.770306	7.340493	7.411462	8.806837
protein_co	LYR_motif_	238	180	215	224	255	186	6.583967	6.385465	7.176244	9.618098
protein_co	nuclear_tra	453	353	378	422	549	422	9.151735	9.145118	9.213934	13.23269
protein_co	nucleopori	1620	1321	1480	2268	2448	2347	26.42151	27.62833	29.12409	57.41377
protein_co	centromere	427	371	347	374	508	455	6.771064	7.544185	6.63906	9.205156
protein_co	translin-ass	29	16	19	1	5	9	0.54025	0.382232	0.42707	0.028915
protein_co	nuclear_fac	1325	1276	1393	576	656	387	4.369454	5.395993	5.542561	2.94825
protein_co	lon_peptid	1484	1210	1312	715	795	566	8.486984	8.873894	9.053185	6.346818
protein_co	NEDD4_bin	978	773	777	886	1119	818	6.453481	6.540998	6.186204	9.074431
protein_co	cerebellin_	71	56	48	145	215	201	1.367224	1.382862	1.115246	4.33391
protein_co	ADP-ribosy	445	323	367	89	137	75	9.940952	9.252941	9.891953	3.085947
protein_co	plasmolipir	9	10	10	46	53	28	0.278187	0.396373	0.372943	2.206902
protein_co	zinc_finger_	521	342	408	1041	1506	1276	3.189256	2.684646	3.013421	9.890832
protein_co	chemokine	0	0	1	3	2	1	0	0	0.019316	0.074544
protein_co	dihydroorc	218	156	192	341	413	313	4.627444	4.246378	4.917382	11.23491
protein_co	chemokine	0	0	1	5	10	4	0	0	0.091993	0.591706
protein_co	CCCTC-binc	1337	1037	1136	1596	1914	2208	15.9157	15.83006	16.31627	29.48885
protein_co	adrenocort	475	353	372	595	789	496	8.817402	8.402937	8.331785	17.1433
protein_co	polymerase	1289	1018	1101	954	960	1204	29.3832	29.75796	30.28178	33.75398
protein_co	par-6_parti	12	14	24	166	186	140	0.439251	0.657156	1.059963	9.431262
protein_co	zinc_finger_	214	173	141	216	261	189	5.135345	5.323672	4.08247	8.04526
protein_co	matrix_me	201	170	162	3842	5182	2673	2.217622	2.405192	2.156525	65.79294
protein_co	U6_snRNA_	1707	1308	1391	1007	1299	1394	20.58674	20.22885	20.24088	18.85012
protein_co	cytochrom	2041	1595	1705	969	1180	1543	21.96019	22.00712	22.13429	16.18257
protein_co	coiled-coil_	49	40	27	195	264	94	0.435814	0.45622	0.289746	2.691969
protein_co	NME/NM23	711	543	539	930	1323	930	31.18691	30.54301	28.52591	63.31638
protein_co	NDRG_fami	758	567	618	587	696	441	6.947348	6.664111	6.834179	8.350614
protein_co	proteasom	1197	904	922	930	1237	1417	33.60919	32.5493	31.2351	40.53007
protein_co	SET_domai	146	124	158	334	462	566	2.472352	2.692703	3.228216	8.778784
protein_co	solute_carr	843	595	629	375	604	690	8.689445	7.864856	7.822817	5.999654
protein_co	Vac14_hon	1394	1012	1065	1103	1472	1438	18.11158	16.861	16.69518	22.24331
protein_co	hyaluronar	27	19	28	829	1031	1763	0.300007	0.270727	0.375382	14.29726
protein_co	transport_a	310	259	282	233	250	274	3.018253	3.233725	3.312768	3.521116
protein_co	componen	1011	893	827	1132	1195	1049	13.59111	15.39447	13.41397	23.62005
protein_co	sphingomy	24	28	33	45	53	26	0.206488	0.308924	0.342567	0.600934
protein_co	solute_carr	166	171	157	146	188	173	1.862139	2.459855	2.124965	2.54207
protein_co	solute_carr	757	559	601	188	305	201	5.627099	5.32856	5.390279	2.169087
protein_co	phospholip	395	300	303	106	149	124	5.934494	5.779859	5.492591	2.471855
protein_co	epithelial_s	12	11	13	1222	1447	1264	0.148347	0.174381	0.193905	23.44764
protein_co	fatty_acid_	0	0	0	51	69	46	0	0	0	1.531258
protein_co	WD_repeat	616	521	606	949	1096	824	7.817118	8.478383	9.278689	18.6923
protein_co	MON1_hon	1198	946	945	705	911	791	9.222499	9.338826	8.777516	8.423865
protein_co	COX_assem	257	243	252	165	185	180	5.77419	7.001217	6.83135	5.754033
protein_co	axin_1	973	684	858	1476	1879	1227	7.196212	6.487189	7.656433	16.94369
protein_co	host_cell_f	548	430	455	475	581	494	18.82471	18.94199	18.8585	25.3263
protein_co	nitrogen_p	1466	1048	1156	791	931	722	22.85265	20.94948	21.74245	19.13857
protein_co	malonyl-Cc	212	135	187	210	286	197	2.214454	1.808314	2.356788	3.404713
protein_co	N-methylpu	876	657	694	419	559	264	34.08768	32.78446	32.58373	25.30684
protein_co	N-terminal_	7	4	15	53	49	27	0.159026	0.116531	0.411159	1.868861
protein_co	hydroxyste	467	456	507	793	973	692	6.222688	7.791755	8.151117	16.40079

protein_co	TATA_box_	1062	748	850	1141	1524	1305	10.7391	9.699609	10.37075	17.90851
protein_co	N-acetylglu	159	121	149	120	154	240	2.268872	2.214153	2.565353	2.657814
protein_co	WAP_four-	48	43	38	1	0	4	0.538837	0.619004	0.514692	0.017424
protein_co	SEC14-like_	1	1	0	78	97	52	0.00726	0.009309	0	0.878901
protein_co	coactosin-l	5548	4051	4520	1915	2468	2052	48.80785	45.7009	47.97773	26.14884
protein_co	ubiquitin_s	2059	1548	1719	2513	3096	2790	31.44839	30.31952	31.6786	59.57513
protein_co	cysteine-ric	16	15	11	217	250	122	0.163665	0.19676	0.135761	3.445292
protein_co	tuberous_s	3352	2531	2657	1484	1905	1862	25.53206	24.72198	24.41863	17.54471
protein_co	zinc_finger_	316	211	227	299	396	260	2.51994	2.157719	2.184122	3.700878
pseudogen	-	0	0	0	2	0	2	0	0	0	0.308389
protein_co	NME/NM23	4868	3593	4094	5875	7530	5578	122.6548	116.0915	124.46	229.7589
protein_co	ATP-bindin	1728	1350	1543	2989	3280	2107	12.28783	12.31047	13.2387	32.99042
protein_co	NODAL_mc	149	103	128	101	125	139	1.605011	1.422782	1.663603	1.688665
protein_co	lipase_mat	756	578	567	195	256	120	10.55654	10.34992	9.552803	4.226343
protein_co	forkhead_b	26	19	18	0	0	8	0.474743	0.444886	0.396557	0
protein_co	nuclear_pr	371	278	291	325	454	308	5.416001	5.20426	5.125614	7.364083
protein_co	methenylte	318	249	296	235	283	168	4.115657	4.132575	4.622233	4.720743
protein_co	chloride_cl	1340	987	1116	837	1129	1081	13.312	12.57375	13.37675	12.90608
protein_co	hydroxyacy	277	206	223	328	515	198	5.906564	5.632896	5.737307	10.85574
protein_co	family_witl	547	418	393	238	447	304	15.21283	14.90762	13.18753	10.27378
protein_co	solute_carr	7198	4470	5165	4151	6934	6991	74.39152	59.24183	64.40654	66.58782
protein_co	meteorin_g	929	674	717	440	734	265	13.101	12.18872	12.19989	9.631011
protein_co	F-box_prot	702	558	615	372	442	338	5.547151	5.654268	5.863488	4.562536
protein_co	STIP1_hom	1018	753	849	424	833	572	25.76041	24.43483	25.92153	16.65334
protein_co	rhomboid_	36	34	23	75	117	52	1.077931	1.3055	0.83093	3.485623
protein_co	nucleotide_	156	154	134	109	157	188	5.956712	7.540707	6.173549	6.460096
protein_co	ubiquitin-c	1845	1331	1462	1686	2461	2156	26.59455	24.60275	25.4268	37.7211
protein_co	Mediterran	5	2	1	2	1	1	0.063194	0.032415	0.015249	0.039234
protein_co	crystallin_r	2	1	5	159	187	149	0.06223	0.0399	0.187709	7.678824
protein_co	eukaryotic_	1089	795	936	642	841	530	9.654609	9.038228	10.01223	8.834304
protein_co	small_optic	2282	1587	1777	2526	3467	2390	22.55544	20.11509	21.19196	38.75248
protein_co	piezo-type_	4184	3095	3614	1068	1367	1205	24.30474	23.05522	25.33001	9.629439
protein_co	G1_to_S_pl	3835	3156	3493	3415	4617	3885	25.30939	26.70931	27.81397	34.98142
protein_co	zinc_finger_	125	97	81	151	166	112	2.593474	2.580792	2.027706	4.862721
protein_co	clusterin_a	161	149	160	92	128	93	1.472745	1.747823	1.765915	1.306231
protein_co	ubiquitin_f	2887	2214	2469	1724	2034	2355	26.49148	26.05232	27.3356	24.55428
protein_co	protease_se	1	4	2	1	0	1	0.026718	0.137048	0.064474	0.04147
protein_co	glutamyl-tF	830	676	650	1021	1184	1122	9.825477	10.26199	9.284039	18.75995
protein_co	transcriptic	2700	2058	2051	2098	2732	2083	126.984	124.1195	116.3855	153.1515
protein_co	golgi-associ	1242	1101	1073	1828	2045	1772	9.750109	11.08369	10.16332	22.27381
protein_co	aquaporin_	0	0	0	0	2	0	0	0	0	0
protein_co	calcineurin	312	227	278	118	147	130	4.860361	4.534706	5.225246	2.853162
protein_co	ubiquitin_s	542	401	459	388	549	357	2.375399	2.253673	2.427157	2.639365
protein_co	heme_oxyg	983	759	764	575	689	704	21.46851	21.25688	20.13213	19.49156
protein_co	DnaJ_(Hsp4	994	752	814	1154	1380	1370	13.90889	13.49377	13.7429	25.06353
protein_co	bifunctiona	1092	940	973	1401	1444	1543	16.84893	18.59888	18.11384	33.55199
protein_co	sal-like_1_(	692	474	542	2259	2713	1997	6.177021	5.425761	5.837412	31.29822
protein_co	TOX_high_r	53	40	32	376	437	297	0.727935	0.704508	0.530292	8.015584
pseudogen	RNA_polym	1	0	0	3	7	1	0.021993	0	0	0.102411
protein_co	retinoblast	1042	854	898	402	430	269	9.959111	10.46695	10.35565	5.963612
protein_co	quinolinate	1268	988	935	2773	3419	2506	25.37624	25.35563	22.57708	86.13674
protein_co	xylosyltran	5553	4015	4790	645	766	528	26.32497	24.40816	27.39831	4.746029
protein_co	PYD_and_C	59	49	42	165	216	137	2.433167	2.591346	2.08986	10.56171
protein_co	RPGRIP1-lik	426	364	405	133	116	174	2.43748	2.670805	2.795983	1.181173
protein_co	MYC-associ	1148	772	753	720	1157	544	19.95172	17.20541	15.78998	19.42233
protein_co	syntaxin_4	911	660	722	400	538	443	26.89975	24.99097	25.72262	18.33244
protein_co	CDP-diacyl	1772	1335	1471	1712	2247	1551	35.31199	34.11529	35.36871	52.95326
protein_co	branched_c	1418	992	1097	1187	1355	1072	25.99298	23.31851	24.26244	33.77233
protein_co	K(lysine)_ac	497	443	414	766	906	678	9.321735	10.655	9.368904	22.29973
protein_co	NODAL_mc	2150	1706	1901	1453	1695	1624	23.14892	23.55486	24.69576	24.28222
protein_co	interleukin	49	42	39	4	5	20	0.682797	0.750506	0.655704	0.086514
protein_co	synaptotag	32	26	25	67	88	45	0.294674	0.307026	0.277767	0.957629
protein_co	transmemb	2	6	2	44	48	70	0.019073	0.073374	0.023012	0.651273
protein_co	centriolar_	500	431	428	208	203	247	4.225087	4.670381	4.363726	2.728095
protein_co	chromosor	1372	1062	1213	1287	1384	1030	16.68822	16.56494	17.80184	24.29769

protein_co	solute_carr	0	0	0	0	0	3	0	0	0	0
protein_co	ring_finger	2755	1939	2280	1259	1676	1919	22.929	20.6943	22.89531	16.26371
protein_co	lysine-rich_	309	255	283	742	1007	1027	3.027375	3.20374	3.345355	11.28345
protein_co	aquaporin_	1	0	1	0	0	0	0.015455	0	0.018647	0
protein_co	alpha-_and	790	634	663	537	604	640	13.03876	13.41862	13.20294	13.75669
protein_co	IQ_motif_c	36	18	24	16	20	6	0.40115	0.257209	0.322674	0.276729
protein_co	lactamase_	110	93	102	151	180	116	2.54963	2.764247	2.852546	5.432402
protein_co	coronin_ac	575	426	457	171	195	133	7.466563	7.093684	7.160068	3.44651
protein_co	c-src_tyrosi	1778	1322	1403	1122	1540	1026	30.13027	28.72844	28.68646	29.51172
protein_co	HECT_and_	1809	1479	1580	689	867	740	5.603755	5.875138	5.905351	3.312762
protein_co	thyroid_ho	449	424	402	170	193	222	10.29517	12.46701	11.12144	6.050155
protein_co	mitochond	230	183	189	237	285	167	6.20167	6.327632	6.148804	9.918811
protein_co	RAS-like_fa	97	104	91	222	311	150	1.725467	2.372344	1.9531	6.129407
protein_co	adaptor-rel	3	2	4	177	191	104	0.037653	0.032189	0.060573	3.448079
protein_co	acyl-CoA_sy	39	29	23	31	52	46	0.287669	0.274306	0.204694	0.354912
protein_co	immunoglo	1849	1475	1590	478	680	421	13.32201	13.62807	13.82223	5.345535
protein_co	RAB11A_m	1851	1532	1567	1674	2094	1802	17.60516	18.68536	17.98252	24.71265
protein_co	cathepsin_	55	65	63	208	274	187	1.177603	1.784674	1.627515	6.912419
pseudogen	golgin_A8_	5	3	2	5	17	5	0.13359	0.102786	0.064474	0.20735
protein_co	tetratricop	514	384	413	318	357	189	6.261748	5.99892	6.070585	6.012984
protein_co	CD276_mo	7437	5395	5815	3263	4061	3255	100.525	93.51405	94.83614	68.45791
protein_co	fumarylace	266	257	245	229	277	252	3.639552	4.509296	4.044645	4.863313
protein_co	KIAA1199	114	83	102	48	39	17	0.726582	0.678371	0.784382	0.474844
protein_co	RNA_polym	965	672	781	1534	1924	1263	7.673201	6.852166	7.492873	18.93237
protein_co	homer_hor	66	55	57	219	257	237	0.499071	0.533323	0.520046	2.570356
protein_co	EH-domain	4591	3584	3661	1066	1414	1150	59.74801	59.81271	57.48624	21.53296
protein_co	transmemb	513	401	442	336	301	477	7.737079	7.755564	8.043221	7.865556
protein_co	zinc_finger	3253	2491	2846	1692	1985	1666	14.58253	14.31963	15.3933	11.77279
protein_co	centrosom	267	228	254	234	138	226	2.221763	2.432936	2.550165	3.022267
protein_co	ATPase_cla	7	4	1	2	5	1	0.056758	0.041591	0.009783	0.02517
protein_co	oculocutan	216	167	187	3	4	5	3.178984	3.151813	3.320659	0.068531
protein_co	DTW_dom	342	296	275	225	290	205	5.983726	6.641201	5.805322	6.110245
protein_co	transglutan	0	0	2	0	0	0	0	0	0.040893	0
protein_co	family_witl	154	120	125	381	417	323	1.534764	1.533597	1.503069	5.89354
protein_co	GA_binding	652	487	503	551	743	686	10.1367	9.709287	9.435504	13.29631
protein_co	tight_junct	3727	2945	3323	2345	2695	2682	21.98228	22.2745	23.64785	21.46775
protein_co	Bcl2_modi	275	196	216	1114	1247	494	2.751174	2.514495	2.607277	17.29821
protein_co	Dmx-like_2	427	322	361	245	184	114	1.876128	1.814261	1.91377	1.670826
protein_co	secretogra	0	1	0	583	451	802	0	0.018166	0	12.81892
protein_co	DnaJ_(Hsp4	182	135	143	146	217	162	6.363895	6.053335	6.033033	7.923826
protein_co	eukaryotic_	1534	1152	1258	910	1293	1497	27.99894	26.96361	27.70416	25.78031
protein_co	spastic_par	1051	888	881	753	787	604	6.33926	6.868441	6.411502	7.049549
protein_co	ras_homol	11	16	7	103	149	41	0.302516	0.564268	0.232275	4.396668
protein_co	vacuolar_p	1484	1078	1157	872	1183	1327	17.86516	16.64183	16.80561	16.29371
protein_co	Opa_intera	106	84	104	269	305	317	4.021312	4.086491	4.760398	15.83962
protein_co	solute_carr	172	146	140	0	0	2	1.12688	1.226624	1.106689	0
protein_co	biogenesis_	1096	862	897	318	409	493	12.73011	12.83921	12.57078	5.732964
protein_co	myelin_exp	387	309	320	807	958	1024	3.261988	3.339944	3.254388	10.55785
protein_co	serum/gluc	36	39	39	50	59	53	0.408232	0.567125	0.533602	0.880046
protein_co	platelet-de	288	165	198	47	65	76	7.088884	5.208093	5.880289	1.795617
protein_co	centrosom	256	207	220	168	211	293	2.748762	2.85021	2.850151	2.799864
protein_co	zinc_finger	965	782	857	392	497	374	7.095635	7.373608	7.603137	4.473841
protein_co	BRF2_subu	135	106	108	66	116	156	2.431868	2.44862	2.347351	1.845358
protein_co	tripartite_r	427	324	341	351	479	501	4.734461	4.606776	4.561893	6.040603
protein_co	zinc_finger	305	252	256	305	326	322	5.259822	5.572898	5.326712	8.163972
protein_co	retinitis_pi	0	1	1	0	0	0	0	0.008469	0.007968	0
protein_co	carbonic_a	89	66	79	121	145	221	2.430525	2.311338	2.603066	5.12892
protein_co	frizzled_fan	99	72	60	1234	1438	1061	0.338198	0.315412	0.247307	6.543077
protein_co	integrator_	326	259	292	234	261	368	5.540466	5.64466	5.987694	6.172698
protein_co	receptor-in	328	252	278	215	243	198	5.951984	5.864051	6.086684	6.055595
protein_co	eyes_absen	68	66	89	25	18	45	0.73706	0.917376	1.163944	0.420595
protein_co	nibrin	1107	899	959	302	323	593	10.5782	11.01624	11.05684	4.479213
protein_co	transient_r	104	107	102	12	21	28	0.933671	1.231838	1.104863	0.167214
protein_co	carboxypep	295	222	204	10	21	9	7.104548	6.856094	5.927788	0.373805
protein_co	24-dienoyl	591	509	509	307	335	318	15.69196	17.33073	16.3063	12.65198

protein_co	calbindin_	5	1	1	170	207	328	0.043481	0.011152	0.010492	2.294615
protein_co	inositol_m	3339	2620	2757	799	1013	852	21.74827	21.8836	21.66671	8.077658
protein_co	secreted_fr	894	713	723	2075	2425	2473	9.340391	9.552706	9.114102	33.64931
protein_co	lysosomal_	4270	3411	3604	9733	11230	10437	63.10128	64.64	64.26036	223.248
protein_co	ubiquitin-c	263	214	219	239	285	335	1.463574	1.527151	1.470453	2.064369
protein_co	processing_	305	204	275	232	244	273	3.030611	2.599381	3.296941	3.57807
protein_co	NIPA-like_d	131	141	145	23	26	20	1.340885	1.850753	1.790755	0.365408
protein_co	inhibitor_c	586	486	516	431	598	389	5.493313	5.842279	5.836258	6.27111
protein_co	plasminoge	6196	4840	5154	40	35	113	83.91986	84.06361	84.22593	0.840899
protein_co	junctophili	47	42	42	314	368	355	0.503388	0.57685	0.542753	5.219931
protein_co	dickkopf_h	0	1	0	2	0	3	0	0.067259	0	0.162818
protein_co	serine/thre	481	359	380	213	188	125	4.229158	4.04774	4.031257	2.906825
protein_co	ganglioside	67	42	39	188	218	382	0.856964	0.688885	0.601867	3.732297
protein_co	RAB2A_me	3158	2504	2670	1023	1506	957	38.48198	39.12812	39.25587	19.34868
protein_co	eukaryotic_	3510	2817	2873	5276	3622	5615	82.70551	85.11841	81.67911	192.9579
protein_co	ER_membr	353	293	320	307	261	339	6.054198	6.444049	6.621859	8.172421
protein_co	epithelial_s	0	0	0	2688	2814	2451	0	0	0	51.89181
protein_co	WNT1_indu	694	494	549	0	0	1	8.465575	7.727398	8.080112	0
protein_co	N-myc_dov	2179	1640	1833	138	136	106	25.65236	24.75844	26.03638	2.52162
protein_co	zinc_finger_	127	108	135	50	54	42	4.627065	5.045857	5.934494	2.827498
protein_co	interleukin	57	53	43	28	33	29	1.287443	1.535106	1.171843	0.981616
protein_co	stathmin-li	183	178	187	126	188	95	3.860042	4.814712	4.759163	4.125171
protein_co	armadillo_	689	549	630	718	861	691	10.66597	10.8984	11.76711	17.25186
protein_co	trichorhinc	1965	1514	1636	235	231	115	9.223112	9.112764	9.265018	1.712037
protein_co	sperm_assc	33	20	34	18	27	14	0.401706	0.3122	0.499368	0.340093
protein_co	chromatin_	476	384	375	450	541	581	8.97092	9.280483	8.527257	13.16355
protein_co	neurocalcir	53	40	38	15	13	21	0.652618	0.631616	0.564566	0.286685
protein_co	sorting_ne	170	110	148	82	72	84	2.309184	1.916071	2.425601	1.728837
protein_co	ubiquitin_p	2668	2167	2475	3607	3776	3401	12.14942	12.65429	13.59856	25.49449
protein_co	gasdermin_	5	0	3	181	216	103	0.067721	0	0.049026	3.805068
protein_co	tissue_spec	1677	1258	1351	945	1023	1210	35.42097	34.07355	34.42951	30.98059
protein_co	pyrroline-5	460	323	388	230	275	467	8.054297	7.252399	8.196899	6.250692
protein_co	eukaryotic_	2639	2171	2288	2414	2974	3330	33.28208	35.11076	34.8157	47.25402
protein_co	annexin_A1	2	0	4	0	1	0	0.04775	0	0.115225	0
protein_co	squalene_e	4673	3727	3831	2177	2271	3780	74.00103	75.68516	73.1985	53.5095
protein_co	SH2_doma	323	257	264	96	127	130	4.51834	4.61019	4.455827	2.084386
protein_co	integrator_	865	755	779	462	543	463	14.465	16.19044	15.71766	11.99154
protein_co	exoribonuc	551	421	502	230	291	408	5.133399	5.029733	5.642937	3.32592
protein_co	solute_carr	1972	1519	1803	2613	3424	3911	19.92396	19.68049	21.97924	40.97686
protein_co	myotubula	579	542	507	589	809	700	3.633474	4.361663	3.838836	5.737059
protein_co	leptin_rece	620	469	459	572	759	676	9.162247	8.887764	8.184102	13.12009
protein_co	dynactin_6	185	123	161	105	120	136	7.697119	6.562524	8.082215	6.780727
protein_co	R3H_doma	622	460	487	244	334	362	16.44985	15.60051	15.53992	10.01595
protein_co	glutathione	1178	927	932	1569	2144	1593	17.7381	17.89991	16.93268	36.67036
protein_co	tumor_nec	414	325	354	105	121	67	7.152714	7.20051	7.379414	2.815726
processed_	UBX_doma	96	79	73	43	48	151	2.773532	2.926835	2.544678	1.928239
protein_co	protein_ph	1410	1094	1127	1001	1235	1050	32.95859	32.79262	31.78494	36.31734
protein_co	glutamate-r	381	333	319	604	790	697	4.921514	5.516039	4.971787	12.10992
protein_co	neurofilam	389	350	307	1622	1839	1868	4.537367	5.235181	4.320567	29.36538
protein_co	tumor_sup	2244	1805	1897	769	870	844	28.56943	29.46899	29.1403	15.19622
processed_	neurofilam	695	665	619	1854	1931	1262	7.981524	9.793366	8.577085	33.0477
protein_co	Rho_guanir	2161	1706	1873	2822	3805	2143	17.94074	18.16243	18.76167	36.36413
protein_co	kelch_dom	425	315	354	472	564	648	4.358761	4.142801	4.380518	7.513575
protein_co	minichrom	2997	2345	2590	5816	6370	9271	33.59536	33.70891	35.03002	101.1923
protein_co	potassium_	585	494	520	311	335	249	8.07259	8.741648	8.657817	6.66113
protein_co	N-acylsphir	700	545	571	739	870	625	12.58069	12.56065	12.38199	20.6149
protein_co	BCL2/aden	1089	837	863	1026	806	597	14.14494	13.94145	13.52484	20.68479
protein_co	mannosida	1150	856	906	852	968	666	14.63325	13.96774	13.90974	16.82724
protein_co	potassium_	377	307	351	14	22	2	7.891757	8.241003	8.86518	0.454874
protein_co	tubby_like_	0	0	0	28	53	7	0	0	0	1.161821
protein_co	nucleobind	4905	3571	3902	2397	2695	2213	86.20522	80.48107	82.74274	65.38725
protein_co	dihydrodio	5	4	0	23	36	14	0.216883	0.222497	0	1.548506
protein_co	glycogen_s	1555	1236	1314	1198	1376	1096	20.40122	20.79475	20.80028	24.39569
protein_co	mitogen-ac	3	2	0	128	148	83	0.0521	0.044541	0	3.450302
protein_co	chorionic_	0	0	0	3	0	1	0	0	0	0.281728

protein_co	enoyl_CoA_	911	687	716	695	749	489	30.27414	29.27652	28.70876	35.84831
protein_co	heterogene	4800	3600	3923	6440	7572	6608	72.74469	69.96356	71.73423	151.4874
protein_co	nuclear_fac	472	309	367	361	533	546	10.04634	8.434002	9.424971	11.92624
protein_co	luteinizing_	1	1	2	2	4	5	0.091226	0.116984	0.220138	0.28319
protein_co	chorionic_	0	0	0	1	0	0	0	0	0	0.082987
protein_co	tubulin_be	0	0	1	424	533	205	0	0	0.022169	12.09194
protein_co	seryl-tRNA_	14	9	5	20	23	32	0.319135	0.263086	0.137519	0.707631
protein_co	potassium_	5	9	15	6	9	0	0.053625	0.12378	0.194106	0.099881
protein_co	small_nucl	6505	5088	5556	7727	11137	7659	94.69716	94.98305	97.58879	174.5947
protein_co	cleft_lip_ar	2675	1926	2178	1456	1729	1951	45.91171	42.39019	45.10302	38.78748
protein_co	v-rel_reticu	389	268	294	127	220	128	7.951271	7.024754	7.25074	4.029222
protein_co	CLK4-assoc	918	673	612	1050	1325	1206	15.54534	14.61443	12.50423	27.59797
protein_co	lin-7_homo	118	101	107	24	38	12	5.234647	5.74561	5.727132	1.652522
protein_co	protein_ph	1415	1026	1036	787	1202	969	11.16429	10.38081	9.862397	9.637843
protein_co	Fc_fragmen	1334	1034	966	799	980	512	23.33133	23.19068	20.38491	21.69006
protein_co	PIH1_doma	936	685	680	1733	1989	1687	36.81968	34.55446	32.27462	105.8116
protein_co	creatine_ki	2	4	7	3	4	1	0.056596	0.145153	0.239003	0.131768
protein_co	Rho/Rac_gu	546	491	480	727	935	637	4.465716	5.149787	4.736829	9.229185
protein_co	protein_ph	329	225	297	301	397	213	4.947664	4.339065	5.389007	7.025888
protein_co	peroxisoma	23	11	7	62	96	35	0.801837	0.491768	0.294445	3.354905
protein_co	excision_re	1190	969	1077	1747	1988	1542	13.43586	14.0298	14.67176	30.61553
protein_co	DOT1-like_	1971	1455	1538	2670	4013	2588	12.42876	11.76558	11.7016	26.13261
protein_co	pleckstrin_	1564	1149	1248	2199	2842	2663	25.6599	24.17395	24.70477	55.99817
protein_co	solute_carr	12	5	11	61	67	17	0.189263	0.101126	0.209327	1.493296
protein_co	ribonuclea	991	815	845	1610	2024	1533	31.2495	32.95614	32.1495	78.79992
protein_co	kinesin_ligh	2	0	0	66	135	65	0.04675	0	0	2.39455
protein_co	CD37_mole	336	254	297	75	156	63	4.966912	4.814933	5.297265	1.720834
protein_co	splicing_fac	2174	1502	1714	2536	3239	2386	51.4583	45.59059	48.95024	93.1699
protein_co	anti-Muller	166	106	157	90	108	233	3.157705	2.585703	3.603389	2.657275
protein_co	dickkopf-lik	38	26	31	55	63	29	1.458118	1.279357	1.435221	3.275687
protein_co	lymphobla	25	27	25	25	33	8	0.757757	1.049453	0.914278	1.176144
protein_co	ornithine_c	4675	3719	3709	3803	4637	4089	77.51444	79.07451	74.20034	97.87185
protein_co	tRNA_meth	902	663	776	1295	1680	1807	16.39969	15.45795	17.02311	36.54511
protein_co	syntaxin_1	1298	1001	984	472	707	503	49.04371	48.50115	44.85922	27.68096
protein_co	resistin	2	0	0	2	0	0	0.182451	0	0	0.28319
protein_co	Fc_fragmen	0	0	1	0	2	0	0	0	0.029621	0
protein_co	dystrophia_	770	590	634	200	331	263	10.75523	10.56794	10.6848	4.336002
protein_co	C-type_lect	0	0	0	0	0	1	0	0	0	0
protein_co	radial_spok	1	1	0	4	2	2	0.019092	0.024483	0	0.118534
protein_co	TBC1_dom	834	616	601	724	775	723	13.81359	13.0837	12.01055	18.61271
protein_co	interleukin	5	14	7	10	8	7	0.097403	0.349737	0.164532	0.302367
protein_co	transducin-	15	3	5	27	39	35	0.335728	0.086105	0.135025	0.937974
protein_co	coiled-coil_	643	448	549	285	368	284	15.68693	14.01569	16.16022	10.79201
protein_co	prostate_tu	767	571	613	570	855	575	19.13013	18.26283	18.44723	22.06622
protein_co	amino-term	3941	3179	3194	2339	3333	2547	56.44275	58.38504	55.19309	51.9951
protein_co	neuro-oncc	20	19	16	313	460	151	0.120185	0.146414	0.116008	2.9194
protein_co	small_gluta	2452	1691	1975	2557	3104	3360	49.3452	43.63926	47.95563	79.87037
protein_co	leukocyte_i	5	3	4	0	0	0	0.079206	0.060942	0.076453	0
protein_co	mediator_c	1094	757	930	1424	1612	1147	15.36319	13.6323	15.75778	31.03877
protein_co	leukocyte_i	5	1	2	0	0	0	0.090872	0.023306	0.043857	0
protein_co	small_nucl	770	577	628	719	750	455	23.4146	22.49993	23.04113	33.93559
protein_co	chromosor	1722	1268	1357	1129	1346	1383	92.49096	87.33629	87.94154	94.12187
protein_co	translocase	947	713	818	1307	1762	1861	19.93931	19.25125	20.78076	42.71361
protein_co	coiled-coil_	239	169	183	407	504	288	6.140665	5.568184	5.673051	16.23089
protein_co	interleukin	634	497	514	293	408	216	11.10507	11.16343	10.86284	7.965813
protein_co	ASF1_anti-s	829	604	612	739	909	753	18.87898	17.63885	16.81603	26.12155
protein_co	troponin_T	11	8	18	626	774	429	0.4435	0.413619	0.875631	39.17468
protein_co	vaccinia_re	397	288	306	496	629	413	8.473071	7.882286	7.879884	16.43094
protein_co	family_witl	1287	929	985	960	969	1455	41.47591	38.39215	38.30026	48.01966
protein_co	protein_ph	3556	2579	2757	2413	3441	2448	42.09566	39.1504	39.37861	44.3367
protein_co	chromosor	101	82	89	62	66	58	1.381935	1.438764	1.469279	1.316705
protein_co	mediator_c	152	96	98	105	162	218	1.841199	1.491207	1.432291	1.974136
protein_co	olfactomed	271	213	257	2222	2738	1241	6.293806	6.343559	7.201538	80.09743
protein_co	RAS_protei	0	2	0	14	18	4	0	0.028164	0	0.238622
protein_co	A_kinase_(I	769	580	619	717	863	1136	9.74552	9.425752	9.464929	14.10355

protein_co	epoxide_hy	5	1	2	405	425	456	0.128677	0.033002	0.062103	16.17773
protein_co	ilvB_(bacte	1273	928	988	1019	1067	894	14.05155	13.1357	13.15833	17.45824
protein_co	zinc_finger_	86	63	65	85	97	111	0.727633	0.68354	0.663552	1.116255
protein_co	synapse_de	2600	1639	1926	174	226	184	31.81473	25.71835	28.43539	3.30472
protein_co	solute_carr	0	0	0	308	334	230	0	0	0	6.867702
protein_co	aurora_kin	9	10	7	27	44	13	0.262118	0.373477	0.24598	1.220531
protein_co	processing_	510	375	429	327	376	395	7.06467	6.661351	7.17013	7.030722
protein_co	cyclin_E1	232	128	134	569	860	598	5.32476	3.76731	3.710777	20.27005
protein_co	URI1_prefo	938	765	771	972	1337	884	17.31608	18.10996	17.17312	27.85117
protein_co	programme	804	616	751	673	753	783	10.88639	10.69592	12.26919	14.14404
protein_co	ankyrin_rep	598	505	504	786	894	564	6.301175	6.823718	6.407653	12.85504
protein_co	ribosomal_	10542	8325	8640	16110	17056	14925	206.9128	209.5356	204.6096	490.7838
protein_co	translocase	1855	1366	1560	2600	3136	3085	33.76591	31.8856	34.26156	73.45787
protein_co	fibrillarin	2526	1945	2147	5340	5503	4745	84.60299	83.53747	86.76258	277.603
protein_co	dual-specifi	577	443	436	184	250	234	9.932283	9.778818	9.055404	4.91611
protein_co	cyclin_N-te	5	4	4	3	3	1	0.129031	0.132372	0.124547	0.120165
protein_co	glucose-6-p	4667	3803	3974	7328	7235	5926	54.70893	57.1684	56.20776	133.3326
protein_co	v-akt_muri	3818	2803	2962	2422	2843	2742	33.77851	31.80072	31.61824	33.259
protein_co	phospholip	16961	12368	12669	4173	4706	3923	364.8172	341.1401	328.7867	139.3166
protein_co	periaxin	228	168	173	369	558	157	1.943098	1.836024	1.77891	4.881088
protein_co	protein_inh	1151	849	883	1032	1486	1194	17.08465	16.16024	15.81392	23.77612
protein_co	numb_hom	1754	1341	1437	522	682	349	29.63787	29.05732	29.29694	13.69047
protein_co	Epstein-Bar	1	0	0	4	4	3	0.039536	0	0	0.245463
protein_co	coiled-coil_	385	295	312	510	658	795	12.58902	12.3698	12.30931	25.88403
protein_co	Src_homol	0	1	0	38	70	25	0	0.023333	0	1.073198
protein_co	tubulin_fol	2215	1752	1785	1294	1667	1319	70.51011	71.51894	68.55891	63.93555
protein_co	fibronectin	728	530	576	891	1023	645	18.64333	17.40513	17.79765	35.41606
protein_co	polymerase	59	53	42	63	124	77	2.786013	3.209345	2.392922	4.61745
protein_co	ovo-like_3_	0	1	2	8	1	8	0	0.074603	0.140386	0.72238
protein_co	CAP-GLY_d	1259	955	985	308	410	201	17.51767	17.03975	16.53616	6.651685
protein_co	zinc_finger_	3	1	1	284	333	201	0.029577	0.012643	0.011896	4.345976
protein_co	solute_carr	3936	2856	3230	4574	6580	5816	64.03855	59.58733	63.40697	115.5083
protein_co	protein_kir	1079	778	932	1423	1756	798	15.23467	14.08641	15.87726	31.18508
protein_co	tight_junct	0	2	4	914	1191	469	0	0.035898	0.067553	19.85694
protein_co	amyloid_be	895	637	607	235	347	141	16.82027	15.35178	13.76406	6.855011
protein_co	cactin_spli	822	583	622	598	1006	850	10.67098	9.705335	9.742515	12.04937
protein_co	coiled-coil_	1396	1030	1124	803	1014	785	31.27495	29.59087	30.38264	27.92269
protein_co	heterogene	7914	6003	6593	7536	8837	7394	104.3847	101.5356	104.9233	154.2809
protein_co	fizzy/cell_d	1804	1341	1415	929	1156	736	16.22978	15.47085	15.35962	12.97245
protein_co	BCL2_bindi	207	168	172	934	1139	385	5.280867	5.496086	5.294335	36.98386
protein_co	transformi	6986	5198	5711	253	333	272	118.3003	112.8764	116.6857	6.649798
protein_co	DENN/MAD	243	156	230	150	157	101	2.078489	1.7111	2.373653	1.991421
protein_co	ATP5S-like	1185	943	977	1340	1434	1383	23.9813	24.47233	23.85596	42.09104
protein_co	carcinoemb	0	0	1	0	0	0	0	0	0.046951	0
protein_co	perilipin_3	3829	2931	3227	1134	1386	903	76.95751	75.54241	78.2551	35.37604
protein_co	myosin_hea	0	0	0	1025	1569	720	0	0	0	10.79585
protein_co	mitochond	631	454	484	792	997	713	18.26395	16.85119	16.90281	35.58124
protein_co	CD79a_mo	4	0	0	4	6	5	0.149094	0	0	0.231414
protein_co	ribosomal_	10060	7549	8068	15919	18227	15266	199.9634	192.4204	193.4935	491.1325
protein_co	glioma_tun	4326	3384	3501	7410	9956	6515	48.46982	48.62108	47.32876	128.8646
protein_co	natural_kil	0	1	0	0	5	0	0	0.071328	0	0
protein_co	intercellula	50	42	50	54	69	11	0.7815	0.841817	0.942925	1.310036
protein_co	electron-tra	52	45	42	53	125	48	0.686646	0.761994	0.669156	1.086266
protein_co	CD33_mole	2	3	2	1	1	3	0.019835	0.038153	0.023932	0.015393
protein_co	cone-rod_h	0	0	0	1	0	1	0	0	0	0.016307
protein_co	BRISC_and_	305	210	227	265	319	293	9.715663	8.5783	8.724619	13.10234
protein_co	tyrosine_ki	3132	2406	2563	493	599	435	33.78411	33.28095	33.35703	8.25407
protein_co	sulfotransfe	0	0	0	0	0	1	0	0	0	0
protein_co	cell_divisio	3983	2849	3187	2521	2958	3084	116.1461	106.5359	112.1307	114.1032
protein_co	N-ethylmal	1152	801	859	785	1001	862	13.8577	12.35607	12.46751	14.65678
protein_co	Rab_accept	3876	2943	3006	1275	1633	1091	221.3711	215.5444	207.1449	113.0259
protein_co	ATPase_Na-	7	3	1	1072	1231	718	0.085969	0.047247	0.014818	20.43477
protein_co	Meis_home	2677	2098	2303	266	384	299	57.1866	57.47258	59.35917	8.819785
protein_co	protein_tyr	6653	5112	5430	5960	8087	5448	42.44344	41.82089	41.7966	59.016
protein_co	cornifelin	10	7	9	110	112	73	0.896559	0.804797	0.973575	15.30742

protein_co	multiple_E	6058	4154	4716	3275	4700	3164	25.90368	22.7776	24.33067	21.73571
protein_co	KDEL_(Lys-	3572	2759	2865	2470	2867	2156	105.076	104.0766	101.6868	112.7767
protein_co	cytohesin_	1429	1159	1310	660	860	981	14.40366	14.98075	15.93162	10.3256
protein_co	glutamate-	1441	1018	1178	1378	1659	2674	12.12862	10.98764	11.96301	18.00226
protein_co	glutamate_	350	242	234	919	1388	281	3.222365	2.857139	2.599385	13.13266
protein_co	synaptogyr	4	4	0	6	2	2	0.18756	0.240519	0	0.436679
protein_co	C-type_lect	31	26	23	156	197	101	1.024377	1.101744	0.91701	8.001162
protein_co	coiled-coil_	15	11	15	51	49	19	0.218771	0.205732	0.26396	1.154516
protein_co	caspase_re	532	439	447	169	195	116	4.739785	5.015577	4.805102	2.33703
protein_co	ligase_I_DN	1192	1008	1062	1521	1820	1753	13.62577	14.77592	14.64729	26.98637
protein_co	zinc_finger_	140	140	105	84	116	111	1.754303	2.249645	1.587501	1.633753
protein_co	phospholip	6	2	1	6	4	3	0.112716	0.048181	0.022666	0.174951
protein_co	sialic_acid_	1	0	1	0	0	0	0.018771	0	0.022648	0
protein_co	hyaluronan	3	6	7	18	18	3	0.066668	0.170985	0.187691	0.62087
protein_co	RAB3D_me	50	42	41	326	376	200	0.548678	0.591025	0.542849	5.55259
protein_co	D_site_of_a	20	22	14	181	156	79	0.162926	0.229822	0.137605	2.288593
protein_co	transmemb	38	31	33	77	114	76	1.360168	1.422919	1.425184	4.277897
protein_co	calcyphosi	133	103	80	43	49	28	1.774217	1.761983	1.287636	0.890336
protein_co	Lipid_phos	1208	909	972	217	232	158	20.77123	20.04327	20.16553	5.791425
protein_co	family_witl	1	0	1	82	100	196	0.024346	0	0.029375	3.098621
protein_co	Ras_interac	26	19	32	223	284	70	0.368543	0.345365	0.547284	4.906256
protein_co	theg_sperm	0	1	0	0	1	0	0	0.036822	0	0
protein_co	fibroblast_	0	0	0	4	4	4	0	0	0	0.22189
protein_co	branched_(	778	563	615	392	545	267	16.18475	15.01911	15.43653	12.65736
protein_co	mesoderm_	978	817	818	674	720	732	16.59133	17.77353	16.7434	17.74732
protein_co	pleckstrin_	1604	1111	1301	363	475	177	24.35608	21.63349	23.83573	8.555398
protein_co	protein_ph	5299	3978	4210	8173	9385	7703	75.73002	72.90348	72.5946	181.2951
protein_co	transportin	3088	2448	2577	1716	2268	2836	28.2695	28.73833	28.46448	24.38308
protein_co	WD_repeat	206	114	155	151	149	156	3.770236	2.675565	3.422796	4.28952
protein_co	calcium_ch	2	3	0	1717	2015	789	0.034888	0.067109	0	46.48918
protein_co	glutaryl-Co	412	303	365	737	874	759	9.876629	9.314585	10.55729	27.42266
protein_co	leukocyte_	0	0	0	0	1	0	0	0	0	0
protein_co	Kruppel-lik	1	0	0	10	12	12	0.029454	0	0	0.45716
protein_co	deoxyribon	429	338	331	317	411	221	10.28942	10.39584	9.578768	11.80112
protein_co	microtubul	26	26	29	500	644	176	0.252253	0.323479	0.339476	7.529464
protein_co	leukocyte_	244	205	213	149	205	175	7.419691	7.993909	7.814904	7.032549
protein_co	PRP31_pre	840	599	595	597	908	845	18.52663	16.94156	15.83369	20.43723
protein_co	TCF3_(E2A)	582	374	346	272	354	292	22.64729	18.66269	16.24492	16.4283
protein_co	Janus_kina	205	137	167	226	286	86	1.769597	1.516528	1.739343	3.028026
protein_co	ribosomal_	13956	10403	10897	20462	23336	18131	470.4508	449.6983	443.2087	1070.611
protein_co	solute_carr	0	2	1	61	82	26	0	0.03363	0.015821	1.24149
pseudogen	-	0	0	0	306	420	234	0	0	0	8.381866
protein_co	arrestin_do	114	104	107	168	202	76	1.426217	1.66849	1.615149	3.262275
protein_co	phosphoin	7	2	5	6	7	6	0.075716	0.027742	0.065254	0.100733
protein_co	RAB3A_me	75	43	57	147	187	35	2.301539	1.692134	2.110474	7.001722
protein_co	phosphodi	1	1	3	34	41	24	0.007842	0.010057	0.028387	0.413867
protein_co	inositol-3-p	2292	1665	1723	4213	5417	3477	52.70815	49.10059	47.80755	150.3783
protein_co	elongation_	342	209	267	273	340	301	3.982217	3.120717	3.751095	4.933917
protein_co	CREB_regul	1087	797	888	535	782	349	7.506546	7.057945	7.398976	5.734491
protein_co	Histone-lys	1921	1511	1645	1808	2323	1485	10.63593	10.72808	10.9891	15.53736
protein_co	cartilage_o	123	98	93	5	10	6	2.130577	2.176845	1.943673	0.134429
protein_co	uroplakin_	0	1	0	16	20	7	0	0.049166	0	0.952148
protein_co	coatomer_	2196	1649	1777	1153	1320	1028	58.17541	56.01923	56.79925	47.40967
protein_co	DEAD_(Asp	826	646	675	477	467	819	20.57978	20.63966	20.29143	18.44632
protein_co	ets_variant	27	20	20	16	20	5	0.805876	0.765497	0.720248	0.741233
protein_co	ATPase_H+/	0	0	0	28	21	6	0	0	0	0.54943
protein_co	armadillo_(	842	536	651	860	1188	1424	15.86873	12.95401	14.80332	25.15701
protein_co	transmemb	698	559	573	834	980	892	18.35627	18.85169	18.18158	34.04282
protein_co	glyceraldeh	0	1	1	3	1	0	0	0.040383	0.037996	0.146635
pseudogen	-	0	0	0	1	0	0	0	0	0	0.200495
protein_co	myelin_ass	0	0	0	7	5	1	0	0	0	0.209999
protein_co	transmemb	126	88	108	413	524	238	3.440968	3.081783	3.558622	17.50615
protein_co	hepcidin_a	1	0	0	0	0	0	0.01787	0	0	0
protein_co	upstream_t	2344	1690	1724	2230	2699	2125	40.08395	37.0603	35.57118	59.18999
protein_co	lipolysis_st	23	25	27	3133	3789	3830	0.434867	0.606147	0.615943	91.94319

protein_co	KxDL_moti	670	533	611	715	788	516	11.47418	11.70533	12.62514	19.00568
protein_co	FK506_bin	6482	4789	5073	8274	10501	6487	171.3309	162.3233	161.7855	339.4476
protein_co	SURP_and_	657	505	522	680	842	920	12.70381	12.52188	12.17831	20.40836
protein_co	hepsin	0	0	0	258	405	97	0	0	0	7.946335
protein_co	zinc_finger_	33	36	41	61	59	94	0.52471	0.734036	0.78657	1.505449
protein_co	sodium_ch	328	295	289	132	220	59	4.445065	5.126673	4.725526	2.77657
protein_co	pre-B-cell_l	0	1	0	25	30	15	0	0.034757	0	1.051731
protein_co	Ets2_repres	2332	1672	1898	1484	1808	1402	40.5291	37.26354	39.79997	40.03159
protein_co	glycogen_s	898	721	721	742	973	722	11.9487	12.30238	11.57518	15.32424
protein_co	ATPase_typ	1975	1555	1621	1679	1985	2390	19.58295	19.77201	19.39287	25.83998
protein_co	zinc_finger_	410	232	224	541	573	597	5.34322	3.877185	3.52221	10.94327
protein_co	glutamate_	6	2	5	1387	1885	1026	0.080544	0.034429	0.080984	28.89939
protein_co	signal-indu	1813	1465	1520	1156	1610	1067	10.64375	11.02919	10.76684	10.5338
protein_co	zinc_finger_	121	66	82	185	184	298	2.139401	1.496443	1.749318	5.077022
protein_co	ethylmalon	148	126	130	48	46	61	6.596694	7.201858	6.99127	3.320751
protein_co	cell_adhesi	593	465	414	411	599	316	12.76666	12.83763	10.75402	13.73393
protein_co	smg-9_hom	833	684	729	263	280	420	16.36338	17.23032	17.2784	8.018889
protein_co	AVL9_hom	822	783	777	1080	1246	932	4.856192	5.931918	5.538512	9.903261
protein_co	RUN_doma	14	14	14	6	8	13	0.160151	0.205371	0.193232	0.106533
protein_co	chromosor	19	28	17	20	25	27	0.127894	0.241693	0.138068	0.208957
protein_co	GTP-bindin	229	159	167	174	238	229	1.425815	1.269504	1.254562	1.681541
protein_co	RAS_p21_p	11	13	13	15	16	5	0.092023	0.139463	0.131219	0.194772
protein_co	cyclin-depe	3606	2854	3061	1052	1289	993	14.56126	14.77871	14.91368	6.593554
protein_co	peptidase_	806	648	693	1003	1132	975	15.28857	15.76218	15.86037	29.52999
protein_co	DnaJ_(Hsp4	390	293	303	517	405	804	6.029379	5.80878	5.651955	12.40592
protein_co	tissue_fact	191	188	201	44	63	98	3.664482	4.625369	4.652895	1.310275
protein_co	Bet1_golgi_	556	399	444	304	330	322	7.270176	6.690404	7.004887	6.169844
protein_co	nicotinami	677	613	587	1191	1256	1110	6.928097	8.044427	7.247888	18.91767
protein_co	TWIST_neig	393	338	309	454	446	609	4.674728	5.155726	4.434762	8.382047
protein_co	phosphatid	0	1	2	4	0	0	0	0.011183	0.021044	0.054142
protein_co	paraoxonas	0	0	1	0	0	0	0	0	0.023253	0
protein_co	paraoxonas	589	496	497	188	185	273	15.52458	16.76469	15.80552	7.691176
protein_co	integrin_be	158	107	123	37	35	49	1.329378	1.154475	1.248661	0.483196
protein_co	HMG-box_t	721	625	685	460	433	298	11.95041	13.28424	13.69891	11.83411
protein_co	dihydrouri	104	77	80	105	130	89	2.138843	2.030699	1.985105	3.351701
protein_co	Sp4_transc	196	134	170	350	382	440	1.500236	1.315278	1.570003	4.158167
protein_co	WD_repeat	425	367	345	239	290	213	4.343561	4.809859	4.254261	3.791276
protein_co	dynein_axo	61	55	63	170	202	170	0.201599	0.233094	0.251216	0.872044
protein_co	Cbl_proto-	320	223	267	292	361	326	6.387742	5.708363	6.430677	9.047127
protein_co	distal-less_	45	29	40	2	0	11	1.25003	1.033036	1.340652	0.086232
protein_co	myotrophi	2591	2172	2351	890	1056	997	32.50188	34.93898	35.58294	17.32852
protein_co	STEAP_fami	308	214	251	30	42	54	9.532756	8.493582	9.373235	1.441184
protein_co	pleiotrophi	430	307	323	346	347	457	12.49238	11.43733	11.32211	15.60211
protein_co	membrane_	274	256	261	575	590	806	3.338842	4.000319	3.837372	10.87536
protein_co	deafness_a	730	597	634	67	78	72	8.18501	8.583809	8.576966	1.166008
protein_co	ATPase_H+_	2	3	0	25	25	31	0.029914	0.05754	0	0.580381
protein_co	zinc_finger_	978	823	885	1033	1376	1218	6.458935	6.969975	7.052017	10.58895
protein_co	tetratricop	178	137	157	126	132	153	1.94148	1.916209	2.066144	2.133114
protein_co	oxoglutarat	4777	3773	3861	2210	2966	2659	53.57417	54.26207	52.2454	38.47007
protein_co	ArfGAP_wit	13	8	17	42	37	18	0.257965	0.203571	0.407018	1.293589
protein_co	transcriptio	0	0	1	0	1	0	0	0	0.008536	0
protein_co	H2A_histor	3887	3280	3334	2059	2712	2558	47.91312	51.84693	49.58537	39.39369
protein_co	caveolin_2	621	455	559	21	29	38	8.821176	8.288112	9.580644	0.463004
protein_co	caveolin_1_	2338	1973	2088	137	159	408	40.54322	43.87429	43.687	3.687438
protein_co	met_proto-	920	680	804	284	374	299	6.501705	6.162511	6.85557	3.115217
protein_co	ring_finger_	12	12	16	32	31	15	0.248974	0.319273	0.400535	1.03051
protein_co	limb_regio	627	488	553	480	635	739	5.986569	5.975024	6.370648	7.113481
pseudogen	NHP2_ribo	2	1	1	0	1	2	0.202987	0.130151	0.122458	0
protein_co	wingless-ty	0	1	0	0	0	0	0	0.020684	0	0
protein_co	homeobox_	31	37	35	0	0	3	0.577509	0.88391	0.786707	0
protein_co	DnaJ_(Hsp4	2911	2483	2541	5597	7220	6599	17.07918	18.68147	17.98778	50.96954
protein_co	homeobox_	58	63	48	0	0	2	1.31637	1.83358	1.314436	0
protein_co	homeobox_	387	263	304	0	0	4	5.561274	4.846502	5.270902	0
protein_co	LFNG_O-fuc	1121	806	814	157	247	232	22.11347	20.38898	19.37419	4.80708
protein_co	homeobox_	58	47	57	0	0	4	1.641292	1.705552	1.94617	0

protein_co	homeobox_	15	13	6	0	0	0	0.711173	0.790382	0.343229	0
protein_co	BRCA1-assc	1182	874	1001	1237	1781	1311	10.3403	9.804747	10.56569	16.79638
protein_co	IQ_motif_c	942	701	819	191	251	173	6.453886	6.158823	6.770213	2.031114
protein_co	vasoactive_	0	0	0	82	129	71	0	0	0	1.51317
protein_co	tetraspanir	410	308	339	247	275	231	6.875861	6.62374	6.859476	6.429403
protein_co	single-stran	1348	1073	1104	1412	1602	1910	24.12509	24.62568	23.83945	39.22331
protein_co	homeobox_	811	608	643	0	1	7	8.690083	8.354414	8.313083	0
protein_co	cadherin-li	519	445	492	1	0	2	4.557288	5.010816	5.212575	0.013629
protein_co	even-skippe	8	8	6	0	2	10	0.138319	0.177374	0.125167	0
protein_co	3-hydroxyis	599	460	467	606	673	500	14.11413	13.89935	13.27676	22.1631
protein_co	Tax1_(hum	1854	1491	1630	888	812	1067	30.081	31.02198	31.90937	22.36279
protein_co	carboxypep	81	70	50	437	512	469	1.716264	1.901982	1.278254	14.37179
protein_co	chimerin_2	68	50	49	48	78	51	0.903264	0.851697	0.785326	0.98964
protein_co	growth_fac	1459	1068	1157	1868	2509	2011	12.59435	11.82228	12.05042	25.02811
protein_co	abhydrolas	293	213	248	198	270	244	8.795631	8.199518	8.982539	9.225609
protein_co	cordon-ble	0	2	0	657	928	344	0	0.015624	0	6.212333
protein_co	FK506_bin	1883	1458	1506	274	275	281	17.80119	17.67525	17.17797	4.020497
protein_co	pleckstrin_	317	285	285	419	549	491	4.873487	5.618686	5.286564	9.998274
protein_co	syntaxin_1	294	255	255	81	106	41	6.58027	7.318901	6.886279	2.813921
protein_co	nucleotide-	305	253	274	207	288	130	3.102268	3.299965	3.362622	3.267987
protein_co	glycyl-tRNA	4441	3373	3452	2525	3230	3594	79.05792	76.99993	74.14527	69.76803
protein_co	corticotrop	0	0	1	14	14	12	0	0	0.022362	0.402734
protein_co	EPH_recept	112	82	87	354	531	279	1.191939	1.119075	1.117129	5.847492
protein_co	family_witl	3	6	6	0	4	3	0.03937	0.100974	0.095005	0
protein_co	growth_ho	1	0	1	7	15	18	0.02907	0	0.035075	0.315845
pseudogen	NOP2/Sun_	8	11	19	27	31	17	0.209681	0.369719	0.600858	1.09841
protein_co	caspase_2_	1024	832	1018	543	667	823	8.322998	8.671865	9.983336	6.850309
protein_co	coiled-coil-	1580	1175	1260	1222	1322	1294	82.22667	78.41566	79.1178	98.70912
protein_co	heat_shock	9469	7121	7388	3154	4007	2457	305.1557	294.2847	287.2714	157.7646
protein_co	neuronal_p	3676	2694	2518	649	928	391	63.83989	59.99617	52.7619	17.49411
protein_co	PDGFA_ass	3650	2920	3077	3379	4003	4293	67.22253	68.96269	68.37503	96.59189
protein_co	BUD31_ho	480	359	417	382	458	459	19.7605	18.95224	20.71289	24.40903
protein_co	pentatricop	33	21	12	30	53	32	0.277207	0.226214	0.121624	0.391149
protein_co	cytochrom	14	21	15	11	14	16	0.197729	0.380339	0.255612	0.241138
protein_co	zinc_finger_	2556	2139	2242	1107	1236	589	12.72573	13.65658	13.46807	8.554602
protein_co	eukaryotic_	4598	3711	3983	7663	9822	10284	57.57017	59.58389	60.17096	148.9217
protein_co	sorting_nex	1213	864	1014	930	1386	1155	12.03249	10.99051	12.13615	14.31885
protein_co	nudix_(nuc	506	426	397	878	1084	781	27.20912	29.37534	25.75743	73.28058
protein_co	protein_tyr	134	88	119	2506	2553	2947	0.768595	0.647269	0.823546	22.31024
protein_co	TAF6_RNA_	1131	899	1078	1376	1531	1094	19.44723	19.82277	22.36465	36.72351
protein_co	Wiskott-Al	673	513	584	665	885	879	7.115441	6.955262	7.449852	10.91287
protein_co	sperm_adh	0	0	0	1	0	0	0	0	0	0.030983
protein_co	aminoacyl_	304	231	301	368	468	526	11.63638	11.33876	13.90141	21.86365
protein_co	transferrin_	6	6	4	74	84	34	0.089856	0.115228	0.072278	1.720123
protein_co	fascin_hom	1	0	0	3	0	0	0.020952	0	0	0.09756
protein_co	motile_spe	549	387	392	294	430	282	21.61429	19.5384	18.62099	17.96579
protein_co	paired_box	0	0	1	0	0	0	0	0	0.028147	0
protein_co	procollagen	10023	7146	7492	585	663	450	276.1332	252.4604	249.0386	25.01538
protein_co	F-box_prot	11	10	8	44	32	18	0.226621	0.264191	0.198859	1.406991
protein_co	protein_ph	0	0	0	1	0	5	0	0	0	0.03209
protein_co	RNA_bindi	716	542	618	482	573	692	11.95629	11.60625	12.45145	12.49283
protein_co	ubiquitin_s	622	496	485	525	620	456	5.657729	5.785525	5.322817	7.412104
protein_co	IMP_(inosi	2465	1913	2020	1561	1955	1518	40.11937	39.92652	39.66766	39.43397
protein_co	ArfGAP_wit	149	120	123	95	120	179	1.456758	1.504499	1.450956	1.441635
protein_co	LSM5_hom	334	248	274	458	589	681	6.95747	6.624695	6.886579	14.80815
protein_co	serpin_pep	2936	2312	2636	26	11	28	43.15645	43.57997	46.75017	0.59319
protein_co	adaptor-rel	1485	1169	1210	856	1026	676	53.31675	53.82215	52.41682	47.70253
protein_co	monoacylg	0	0	0	5	11	2	0	0	0	0.170684
protein_co	core_1_syn	443	366	368	1043	1078	842	3.34605	3.545023	3.353703	12.22766
protein_co	procollagen	5809	4201	4520	1026	1135	864	93.28223	86.50866	87.57578	25.57263
protein_co	replication	286	208	206	520	604	541	6.638884	6.191583	5.769581	18.73539
protein_co	zinc_finger_	1534	1154	1309	770	982	979	18.17314	17.53153	18.7108	14.15878
protein_co	claudin_15	107	66	81	79	96	53	2.354403	1.862302	2.150453	2.698078
protein_co	NOBOX_oo	0	0	0	0	1	0	0	0	0	0
protein_co	glucocortic	98	83	92	341	395	236	0.968843	1.05224	1.097395	5.232535

protein_co	myosin_lig	89	57	47	0	1	0	4.135988	3.396827	2.635331	0
protein_co	PHD_finger	679	533	513	912	999	1093	7.445819	7.495131	6.787473	15.52273
protein_co	nuclear_re	345	299	347	382	455	320	4.585333	5.096034	5.564541	7.880353
protein_co	transmemb	743	522	532	386	367	267	5.416555	4.879937	4.679442	4.367693
protein_co	enhancer_c	855	688	709	677	722	1095	11.01098	11.36207	11.01676	13.53253
protein_co	centrosom	372	273	286	124	160	184	4.65149	4.377449	4.314825	2.406585
protein_co	zinc_finger	350	299	271	168	186	33	2.361368	2.586879	2.206038	1.759282
protein_co	secreted_fr	19	13	11	0	0	1	0.301289	0.264351	0.21046	0
protein_co	mesoderm_	12754	9622	10260	1307	1494	1691	242.6107	234.7135	235.4826	38.58953
protein_co	mesenchyn	2884	2285	2264	3	1	1	54.09232	54.95863	51.23478	0.087336
protein_co	ankyrin_re	414	357	365	173	170	170	7.469206	8.25946	7.945386	4.844519
protein_co	ARP3_actin	0	0	1	1	0	1	0	0	0.009931	0.012775
protein_co	POU_class_	14	11	5	60	74	24	0.110795	0.111633	0.047743	0.737011
protein_co	tetraspanin	328	258	279	601	729	659	7.348268	7.412082	7.541599	20.89855
protein_co	retinoic_ac	87	54	84	3510	4878	3152	2.141434	1.704467	2.494668	134.0982
protein_co	anterior_gr	3	1	1	1	0	1	0.079117	0.033819	0.03182	0.040934
protein_co	aryl_hydro	1272	1146	1020	113	166	115	9.503522	10.97972	9.194872	1.310408
protein_co	coiled-coil-	1211	986	1095	1505	1836	1860	35.5343	37.10136	38.76732	68.54418
protein_co	GTPase_IM	1	0	2	1	0	0	0.03236	0	0.078089	0.050228
protein_co	transmemb	1	3	4	3	7	14	0.03279	0.126146	0.158253	0.152685
protein_co	GLI_family_	1594	1196	1370	790	955	621	9.106078	8.761603	9.443036	7.004879
protein_co	proteasom	44	43	53	70	73	81	0.485335	0.608229	0.705364	1.198444
protein_co	mitochond	615	495	537	672	725	955	10.54768	10.8867	11.11231	17.88882
protein_co	cytochrom	913	772	857	1120	1241	1139	13.28284	14.40279	15.0435	25.29115
protein_co	biliverdin_	796	611	592	327	328	285	32.20402	31.69914	28.89793	20.53408
protein_co	upregulato	592	497	524	509	527	386	4.906131	5.281815	5.239584	6.547352
protein_co	transmemb	2270	1832	1800	834	1083	1068	25.16915	26.04819	24.08038	14.35289
pseudogen	stromal_an	123	70	92	76	90	98	2.691308	1.964109	2.428813	2.581085
protein_co	Ras_homol	1426	1130	1194	1683	2321	1816	32.22418	32.74538	32.55477	59.03056
protein_co	protein_kir	239	172	217	255	322	265	3.390836	3.129297	3.71464	5.615386
protein_co	AE_binding	45113	32622	35109	1282	1800	1071	518.3409	480.6553	486.7212	22.86295
protein_co	polymerase	2412	1769	1873	2966	3380	3123	52.40905	49.29083	49.10376	100.0301
protein_co	myosin_lig	2	0	1	1	4	10	0.118559	0	0.071524	0.09201
protein_co	glucokinase	47	35	41	105	145	51	0.80756	0.771177	0.84998	2.800249
protein_co	B-cell_CLL/	799	611	641	382	463	697	18.96968	18.60218	18.36197	14.0769
protein_co	YKT6_v-SNA	6140	4667	4935	1853	2350	2788	106.7896	104.0897	103.5609	50.02262
protein_co	transducin_	1449	1134	1198	506	599	293	27.96034	28.06057	27.89196	15.15497
protein_co	UDP-N-acet	0	0	0	0	0	1	0	0	0	0
protein_co	CAP-GLY_d	6836	5109	5387	3387	4372	1438	57.62002	55.22256	54.78559	44.31156
protein_co	eukaryotic_	9685	7909	8376	8586	9585	8997	169.5147	177.5164	176.8856	233.254
protein_co	LIM_domai	1091	830	915	664	956	635	15.16212	14.79186	15.34279	14.323
protein_co	spermatog	8	8	4	12	12	18	0.092099	0.118104	0.055562	0.214426
protein_co	solute_carr	13	12	10	138	121	158	0.163775	0.193863	0.152003	2.698445
protein_co	LIM_homeo	20	14	9	1	1	7	0.367189	0.329607	0.199366	0.028496
protein_co	fukutin	489	446	433	171	177	244	3.113691	3.641756	3.326615	1.690025
protein_co	fibronectin	114	116	96	60	65	31	0.701228	0.915001	0.712482	0.572844
protein_co	contactin_	312	265	263	72	87	113	2.888958	3.146603	2.938262	1.034784
protein_co	spindlin_1	2016	1654	1834	2143	2556	2259	21.08168	22.1799	23.13994	34.78303
protein_co	nicotinami	201	154	169	115	124	95	4.597509	4.517068	4.664029	4.082769
protein_co	transmemb	1169	976	976	1627	2090	1318	6.868976	7.354221	6.91951	14.83869
protein_co	prune_hom	48	41	49	193	179	167	0.178813	0.195863	0.220243	1.115953
protein_co	multiple_E	425	305	326	30	49	37	3.16422	2.91197	2.928488	0.346681
protein_co	tripartite_r	101	122	104	248	298	217	1.06329	1.647022	1.321027	4.0524
protein_co	coronin_ac	499	444	423	1344	1619	970	4.152284	4.737822	4.246928	17.35866
protein_co	transformi	1867	1510	1581	861	1033	1062	13.43518	13.93431	13.72711	9.616852
protein_co	Sec61_beta	2733	2138	2227	1020	1150	1244	186.5363	187.1288	183.3969	108.0573
protein_co	complemer	75	75	77	5	8	8	0.643858	0.825656	0.797568	0.066624
protein_co	osteoglycin	943	704	712	4	8	2	14.88296	14.24819	13.55832	0.097987
protein_co	asporin	93	50	67	0	7	3	1.765495	1.217202	1.534639	0
protein_co	extracellula	45	23	28	9	3	3	0.648648	0.425142	0.48697	0.201358
protein_co	transducin-	1238	980	1061	937	1224	494	11.98139	12.16248	12.38939	14.07527
protein_co	LIM_homeo	0	0	0	8	11	5	0	0	0	0.162319
protein_co	prostaglan	694	579	585	906	977	843	14.16087	15.1502	14.40238	28.69386
protein_co	sushi_dom	283	243	239	93	94	58	4.247719	4.67719	4.32828	2.16662
protein_co	alpha-1-mi	2	0	1	16	17	12	0.065398	0	0.039453	0.812048

protein_co	AT-hook_tr	697	557	607	980	1196	717	4.428502	4.538252	4.653297	9.664526
protein_co	tumor_nec	0	1	1	0	0	0	0	0.031548	0.029683	0
protein_co	dynamin_1	6155	5062	5421	851	1311	735	87.8296	92.62843	93.33409	18.84833
protein_co	endoglin	2538	1870	2024	118	126	42	38.90385	36.758	37.43342	2.807459
protein_co	adenylate_	93	91	98	24	34	22	1.924436	2.414745	2.446778	0.770836
protein_co	cell_divisio	217	183	181	214	258	281	2.905521	3.142134	2.924091	4.447424
protein_co	relaxin_2	9	5	3	23	14	8	0.358547	0.255437	0.144203	1.422205
protein_co	relaxin_1	0	0	1	0	4	0	0	0	0.052973	0
protein_co	plasminoge	215	173	172	210	252	171	10.8169	11.16143	10.44097	16.39888
protein_co	TBC1_dom	1081	869	925	680	885	1023	12.97699	13.37757	13.39794	12.67032
protein_co	KIAA1432	1037	877	938	361	435	349	7.178174	7.78474	7.834045	3.878581
protein_co	lysine_(K)-s	276	250	239	652	719	537	2.78016	3.229312	2.904736	10.19386
protein_co	dedicator_	8	8	5	65	60	79	0.040436	0.051853	0.030492	0.509937
protein_co	KN_motif_a	1364	1176	1286	748	883	635	8.891698	9.830758	10.11485	7.568371
protein_co	ELAV_(emb	1099	851	938	549	590	405	13.54327	13.44821	13.94687	10.50095
protein_co	neuronal_c	4799	3644	3966	1227	1793	1266	45.08619	43.90162	44.95661	17.89237
protein_co	testis-speci	758	566	573	234	292	155	14.68097	14.05761	13.39024	7.034479
protein_co	potassium_	1	1	3	5	8	3	0.009708	0.012449	0.03514	0.075341
protein_co	carbonic_a	3	3	3	14	17	9	0.086941	0.111489	0.104899	0.629739
protein_co	far_upstrea	2442	1829	1973	1707	2226	2078	36.65346	35.20403	35.73094	39.76796
protein_co	tyrosinase-	1	2	3	0	2	3	0.016447	0.042182	0.059532	0
protein_co	cAMP_resp	1052	871	871	375	446	447	26.92593	28.58791	26.89807	14.89761
protein_co	RGP1_retro	903	688	746	552	630	413	6.033298	5.894742	6.013868	5.724487
protein_co	multiple_P	1638	1389	1517	922	970	837	9.946367	10.81589	11.11435	8.689844
protein_co	LIM_homeo	0	0	0	1	3	2	0	0	0	0.030287
protein_co	DEAD_(Asp	136	130	110	199	209	202	1.380013	1.691598	1.346744	3.134209
protein_co	endothelial	3134	2376	2454	2447	3100	2812	181.6481	176.5988	171.6147	220.1387
protein_co	phosphatid	1	0	0	83	79	64	0.01406	0	0	1.811311
protein_co	GLIS_family	391	346	322	4	5	1	2.749962	3.12058	2.73246	0.043666
protein_co	BCL2-assoc	629	514	473	411	593	1082	7.631002	7.996563	6.923729	7.739327
protein_co	Rap_guanir	2340	1676	1913	1929	2564	2534	17.53879	16.10894	17.30002	22.44121
protein_co	neural_pro	1421	1034	1082	819	1096	505	30.46672	28.42899	27.99026	27.25499
protein_co	amyloid_be	356	232	252	6	15	13	2.554767	2.135003	2.181975	0.066832
protein_co	senataxin	2950	2194	2544	844	784	1139	12.45839	11.8819	12.96299	5.532392
protein_co	SH3-domai	0	0	0	64	81	57	0	0	0	1.815948
protein_co	prostaglan	33	21	22	14	34	5	1.564581	1.27677	1.258505	1.03025
protein_co	ATP-bindin	2289	1593	1795	793	1002	467	13.16302	11.74721	12.45438	7.078045
protein_co	Src_homol	209	149	168	93	143	97	3.521385	3.21931	3.415266	2.432095
protein_co	ubiquitin-c	2418	1938	2147	2032	2826	1898	27.82333	28.5967	29.808	36.29167
protein_co	abhydrolas	335	257	295	852	1151	1253	6.009241	5.911766	6.384764	23.72165
protein_co	exosome_c	188	135	136	216	364	285	5.424814	4.995398	4.734935	9.674115
protein_co	zinc_finger_	3565	2778	3090	2129	3088	3200	29.18347	29.16211	30.51996	27.05101
protein_co	dishevelled	1742	1249	1331	1429	2110	1386	25.2184	23.18682	23.24853	32.1094
protein_co	PDZ_and_L	731	558	568	4198	4774	3403	23.60648	23.10773	22.13146	210.4198
protein_co	cyclin_J	375	302	322	591	839	1116	4.273088	4.412928	4.42705	10.4527
protein_co	deoxynucle	0	0	0	0	1	2	0	0	0	0
protein_co	GATA_bind	178	131	136	11	21	80	2.711638	2.55913	2.499762	0.260097
protein_co	attractin-li	146	106	151	535	741	407	0.8074	0.751711	1.007536	4.592192
protein_co	Hermansky	623	501	496	577	802	646	7.888869	8.135303	7.578031	11.34052
protein_co	phytanoyl-	210	165	168	451	556	310	5.383764	5.424503	5.196657	17.94625
protein_co	Ras_associa	68	60	55	319	442	249	0.732993	0.829376	0.715322	5.337185
protein_co	dynamin_b	844	778	763	549	668	750	6.114829	7.228211	6.669825	6.173688
protein_co	RAB11_fam	248	237	220	197	217	198	1.918615	2.351223	2.053557	2.365554
protein_co	chemokine	630	498	564	878	1033	1561	8.363735	8.478097	9.034141	18.09192
protein_co	ER_lipid_ra	1084	841	900	698	826	604	8.775687	8.730863	8.791083	8.77077
protein_co	eukaryotic_	8732	6820	7357	9594	9708	8927	74.82522	74.94247	76.06469	127.6041
protein_co	polycystic_	1	1	0	0	2	5	0.015409	0.01976	0	0
protein_co	cubilin_(int	461	386	359	6	7	3	1.809047	1.94243	1.699775	0.036545
protein_co	tRNA_aspar	162	162	181	162	184	301	0.922987	1.1836	1.244249	1.432604
protein_co	retinol_bin	0	0	0	2	6	0	0	0	0	0.034041
protein_co	growth_dif	1	5	3	1	3	3	0.019076	0.122314	0.069051	0.029609
protein_co	DEAD_(Asp	835	679	730	942	915	751	15.42678	16.08673	16.2727	27.01283
protein_co	mitogen-ac	681	513	599	636	840	750	5.509334	5.322047	5.846916	7.986189
protein_co	SEC23_inte	1670	1303	1356	879	965	1164	16.81837	16.82756	16.47689	13.74
protein_co	arginyltran	453	330	375	317	400	313	4.334934	4.049558	4.329758	4.708408

protein_co	non-SMC_e	392	306	363	664	887	749	7.661895	7.669745	8.560612	20.14414
protein_co	pleckstrin_	563	513	574	611	710	617	3.062894	3.578905	3.767762	5.159352
protein_co	phosphatas	363	305	290	1362	1782	1313	3.73679	4.026254	3.601953	21.76204
protein_co	unc-5_hom	6641	4587	5297	3192	3860	2740	45.51916	40.31799	43.80653	33.95894
protein_co	cadherin-re	198	171	197	109	145	70	0.920597	1.019553	1.105144	0.786614
protein_co	chromoson	19	10	12	2	2	1	0.19	0.128236	0.144787	0.031043
protein_co	sparc/ostec	8	6	3	327	366	156	0.068893	0.066259	0.031171	4.370798
protein_co	mitochond	1269	1026	969	492	579	470	24.5375	25.44048	22.60687	14.76605
protein_co	protein_ph	1379	1165	1253	455	587	581	18.46939	20.00892	20.24825	9.458672
protein_co	coiled-coil_	1026	837	887	296	330	199	6.277291	6.566889	6.547817	2.810911
protein_co	bone_morp	856	667	764	1915	2409	1901	11.13394	11.12526	11.98993	38.66111
protein_co	multiple_ir	522	434	439	357	445	336	10.13523	10.80593	10.28433	10.75875
protein_co	actin_alpha	333	253	297	5	12	31	8.892014	8.663348	9.568864	0.207232
protein_co	lipase_A_ly	686	620	661	218	251	278	11.56238	13.4006	13.44227	5.70309
protein_co	T-cell_leuke	2	0	0	2	1	0	0.023985	0	0	0.037228
protein_co	chromoson	398	279	290	815	1109	1269	5.877867	5.283847	5.167526	18.68206
protein_co	leucine_zip	3191	2390	2545	3154	4438	2439	26.06271	25.03226	25.08007	39.98389
protein_co	sideroflexir	3133	2533	2505	82	88	79	47.46573	49.21124	45.79051	1.928253
protein_co	Kazal-type_	1517	1022	1161	209	308	242	37.18356	32.12371	34.33568	7.951374
protein_co	F-box_and_	550	423	445	977	1310	811	8.102265	7.990859	7.909551	22.33926
protein_co	fibroblast_	0	2	0	126	186	416	0	0.100467	0	7.661032
protein_co	nucleophos	618	540	529	1826	2257	1771	33.04222	37.02405	34.12593	151.5347
protein_co	tankyrase_	1904	1508	1607	1462	1670	1393	14.50034	14.72726	14.76642	17.2818
protein_co	paired-like_	9	6	15	11	8	3	0.303386	0.259366	0.610088	0.575541
protein_co	golgi_brefe	3769	3059	3423	1278	1404	1137	27.60089	28.7267	30.24488	14.52641
protein_co	Rho_GTPas	3137	2615	2924	775	713	950	20.52379	21.93936	23.08173	7.870008
protein_co	cytoplasmi	35	29	34	54	62	17	0.214138	0.227527	0.250987	0.512801
protein_co	F-box_and_	239	175	182	354	448	221	4.744587	4.455002	4.359332	10.90773
protein_co	CUE_domai	1452	1048	1156	828	979	588	57.16566	52.91018	54.91292	50.59754
protein_co	suppressor_	819	636	651	389	465	199	7.679049	7.646981	7.364658	5.661136
protein_co	ankyrin_rep	419	347	318	187	181	227	2.98087	3.165686	2.729633	2.06491
protein_co	acyl-CoA_b	431	363	383	350	367	255	5.158141	5.570984	5.530479	6.501514
protein_co	phospholys	180	162	144	502	589	290	5.203578	6.005565	5.022733	22.52494
protein_co	La_ribonuc	1411	1118	1237	1071	1256	1016	11.73082	11.91935	12.40849	13.82042
protein_co	GTP_bindir	1582	1210	1421	1382	1644	2019	15.79642	15.49341	17.11963	21.41859
protein_co	chromoson	410	299	397	370	360	414	4.382245	4.098201	5.11978	6.138255
protein_co	BRCA2_and	771	583	722	960	858	1244	15.46288	14.99387	17.47114	29.88392
protein_co	mitochond	446	318	338	464	565	557	3.516554	3.215281	3.21549	5.678464
protein_co	neuralized_	17	10	8	73	126	23	0.184778	0.139383	0.104915	1.231554
protein_co	SH3_and_P	5737	4506	4879	626	784	371	23.45727	23.62617	24.06975	3.972807
protein_co	pitrilysin_n	1239	1081	1140	445	505	437	16.80553	18.80252	18.65666	9.368531
protein_co	oligonucle	362	337	284	218	285	158	11.97896	14.30045	11.33906	11.19689
protein_co	mitogen-ac	23	14	19	147	212	107	0.348343	0.271905	0.347201	3.45563
protein_co	dickkopf_1	1767	1389	1484	2	3	30	46.28752	46.65938	46.90394	0.081318
protein_co	early_B-cell	1750	1343	1417	77	106	46	18.75601	18.45813	18.324	1.280925
protein_co	glutaredoxi	1269	1055	1111	1296	1527	1523	30.97524	33.02287	32.72014	49.10079
protein_co	sortilin-rela	95	73	71	110	137	103	0.612562	0.603613	0.552374	1.100905
protein_co	family_witl	1886	1484	1633	856	904	965	10.2521	10.34461	10.71039	7.222294
protein_co	X-prolyl_an	2535	1988	2058	862	837	913	27.11364	27.26689	26.55848	14.31026
protein_co	structural_	1315	1122	1178	1570	1183	2404	14.98794	16.39904	16.19979	27.7745
protein_co	soc-2_supp	819	654	642	279	269	248	9.739519	9.973342	9.211634	5.149775
protein_co	transcriptic	541	422	471	936	1162	1632	4.685537	4.686881	4.921881	12.58254
protein_co	coiled-coil_	1483	1206	1258	1032	1291	1551	11.9666	12.47918	12.2478	12.92527
protein_co	cullin_2	759	715	664	482	472	570	8.015658	9.683064	8.460841	7.90087
protein_co	cyclin_Y	2022	1649	1723	1095	1521	1045	23.94233	25.0389	24.61606	20.12472
protein_co	ubiquitin-c	4738	3743	3898	6566	9377	6245	220.1833	223.0583	218.5642	473.6097
protein_co	ribosomal_	13757	10505	10933	13694	16429	12683	114.7804	112.3956	110.0605	177.3393
protein_co	zinc_finger_	7074	5086	5759	2250	2926	2116	43.95706	40.52745	43.17762	21.70084
protein_co	DnaJ_(Hsp4	102	84	76	11	24	8	3.995641	4.219635	3.592096	0.66882
protein_co	peptidylpro	969	776	785	1266	1547	1653	20.74723	21.30627	20.27935	42.07271
protein_co	phenazine_	161	95	119	48	45	82	2.918165	2.208091	2.602429	1.350379
protein_co	tetraspanin	2502	2081	2195	1773	2103	1843	20.6148	21.98737	21.82099	22.67415
protein_co	leucine-rich	2	2	2	2	0	2	0.040952	0.052515	0.049411	0.063563
protein_co	TBC1_dom	348	253	296	84	81	61	3.095168	2.885592	3.17647	1.159617
protein_co	cytochrom	0	0	0	1	1	0	0	0	0	0.030099

protein_co	crystallin_b	1	1	0	0	0	1	0.059885	0.076794	0	0
protein_co	nuclear_fra	1650	1351	1372	2577	3084	2693	7.13074	7.487129	7.154064	17.28604
protein_co	G_protein-	1734	1290	1417	1498	1933	1285	21.57837	20.58584	21.27587	28.93422
protein_co	transcriptio	288	240	251	222	327	310	3.175247	3.39317	3.338926	3.798993
protein_co	apoptosis_	988	816	804	943	1078	1076	21.63818	22.91729	21.24554	32.05575
protein_co	dehydroger	234	203	178	675	737	507	2.435575	2.709511	2.235392	10.90485
protein_co	zinc_finger_	298	209	214	421	492	456	3.160648	2.842598	2.738556	6.930626
protein_co	myeloid/ly	2036	1778	1835	855	1124	1266	12.59806	14.10805	13.69966	8.211498
protein_co	proteasom	1846	1490	1452	1722	1856	1831	111.978	115.9035	106.2712	162.1304
protein_co	CWC25_sp	401	325	325	225	249	385	7.285121	7.571555	7.123998	6.344617
protein_co	ribosomal_	9639	7763	7990	11811	12395	11875	346.871	358.2407	346.9212	659.7101
protein_co	F-box_and_	192	141	163	137	169	89	3.682161	3.467608	3.7717	4.07805
protein_co	RUN_doma	8	3	0	67	85	36	0.101769	0.048939	0	1.32291
protein_co	upstream_b	2811	1960	2217	1995	2703	3519	26.37739	23.58503	25.10064	29.05657
protein_co	colony_stir	0	0	2	1	0	0	0	0	0.067634	0.043503
protein_co	proteasom	3997	2818	3238	4362	5590	5012	64.89591	58.67236	63.43195	109.9257
protein_co	cancer_sus	2403	2072	2176	2490	2933	2593	27.37529	30.26942	29.90969	44.0286
protein_co	Rap_guanir	211	199	233	291	396	317	2.654627	3.210579	3.536918	5.682566
protein_co	regulator_c	20	14	23	14	10	11	0.392878	0.352667	0.545135	0.426861
protein_co	ring_finger_	0	0	0	146	133	33	0	0	0	1.905982
protein_co	wingless-ty	74	58	55	251	301	517	1.034236	1.039502	0.927467	5.444927
protein_co	aspartoacyl	0	0	0	0	2	0	0	0	0	0
protein_co	RAD51_hor	185	130	111	160	165	198	4.17653	3.76354	3.023534	5.606533
protein_co	septin_4	35	28	28	50	66	29	0.463079	0.475066	0.446985	1.026803
protein_co	myotubula	1316	1182	1118	586	719	584	10.56812	12.17219	10.83258	7.304155
protein_co	tripartite_r	643	524	517	1195	1440	1135	6.866381	7.175589	6.661247	19.80685
protein_co	purinergic_	4	1	1	6	8	5	0.063688	0.020418	0.019211	0.148278
protein_co	DEAH_(Asp-	579	459	467	632	622	769	7.290365	7.411272	7.094726	12.35146
protein_co	tubulin_de	88	86	93	141	136	152	1.669224	2.091894	2.128447	4.151275
protein_co	karyopheri	7123	5940	6376	4861	5204	7981	54.40586	58.18065	58.75964	57.6287
protein_co	golgi_SNAP	533	383	365	174	168	247	11.34985	10.45854	9.377865	5.750992
protein_co	pyridoxami	54	33	44	47	67	50	1.056346	0.827819	1.038516	1.427055
protein_co	ribosomal_	557	441	467	256	270	320	4.859114	4.93344	4.91549	3.46635
protein_co	tripartite_r	136	119	101	123	135	73	1.9997	2.24379	1.791824	2.807123
pseudogen	zinc_finger_	2	3	5	1	2	0	0.558214	1.073746	1.683795	0.433213
protein_co	CDK5_regu	773	618	683	425	606	412	13.13736	13.46873	14.00546	11.2111
protein_co	chromobox	3813	2954	3261	3607	4357	3914	73.81983	73.3375	76.17371	108.3884
protein_co	RecQ_prote	332	274	261	526	688	551	4.196088	4.440853	3.98011	10.31865
protein_co	phosphatid	212	158	160	192	239	177	7.390843	7.063575	6.730172	10.38938
protein_co	galactokina	790	592	647	634	836	436	19.85162	19.07655	19.61648	24.72797
protein_co	integrator_	393	307	329	479	623	364	3.135042	3.140498	3.166611	5.930848
protein_co	calmodulin	341	267	276	85	134	71	3.347184	3.360824	3.268754	1.295014
protein_co	mediator_c	1562	1211	1312	561	611	805	6.998778	6.958164	7.092887	3.901526
protein_co	homeobox_	13	23	20	0	0	8	0.17751	0.402733	0.329502	0
protein_co	enolase_3_	65	45	43	214	308	235	2.003847	1.778988	1.599439	10.23989
protein_co	profilin_1	12242	9471	10075	12883	12676	13883	444.6379	441.1226	441.5168	726.2759
protein_co	ring_finger_	823	513	575	1728	1958	1829	20.15169	16.10788	16.98742	65.67284
protein_co	solute_carr	1519	1203	1267	1200	1639	1434	32.73251	33.24271	32.94171	40.13592
protein_co	RAS_dexam	5	11	10	138	132	65	0.134278	0.378825	0.324029	5.752355
protein_co	cholinergic	7	3	9	8	24	2	0.133699	0.073478	0.207405	0.237164
protein_co	retinoic_ac	3712	2730	3045	867	1264	638	22.71675	21.42448	22.484	8.235459
protein_co	nucleopori	770	649	670	825	946	1142	12.38179	13.3828	12.99917	20.59099
protein_co	complemer	2095	1569	1694	3486	3788	4509	84.03301	80.70458	81.98367	217.032
protein_co	solute_carr	0	1	0	3	5	4	0	0.00919	0	0.03337
protein_co	bleomycin_	1258	984	1029	1022	1290	1086	24.99476	25.07107	24.66788	31.51735
protein_co	carboxypep	2706	2332	2198	1454	1687	1118	13.50696	14.92683	13.23749	11.26483
protein_co	golgi_SNAP	1150	937	985	701	921	902	8.929213	9.329627	9.227831	8.448194
protein_co	coiled-coil_	1031	791	869	830	1057	1225	13.94795	13.72264	14.18468	17.42852
protein_co	mediator_c	71	68	68	29	17	34	2.012812	2.472084	2.325958	1.276067
protein_co	developme	774	594	697	691	865	783	6.793874	6.686091	7.381716	9.414235
protein_co	FtsJ_homol	1718	1444	1507	1609	1895	2336	22.63474	24.39658	23.95597	32.90326
protein_co	A_kinase_(P	524	373	388	321	381	254	6.033981	5.50796	5.39079	5.737308
protein_co	aldehyde_d	3	1	1	2	5	8	0.065611	0.028046	0.026388	0.067892
protein_co	SWI/SNF_re	2017	1569	1714	2795	3218	2283	34.82223	34.73625	35.70339	74.89674
protein_co	synaptogyr	288	214	256	724	947	763	4.448065	4.238398	4.77053	17.35592

protein_co	B9_protein	177	178	176	220	223	132	6.134171	7.910646	7.359415	11.83411
protein_co	UTP6_smal	878	745	764	965	1075	1157	9.384416	10.21124	9.852675	16.00923
protein_co	DEAD_(Asp	10145	8348	8772	4154	5190	8400	133.6985	141.0803	139.4829	84.97113
protein_co	chromosor	260	191	190	362	443	454	7.424729	6.994392	6.546496	16.04524
protein_co	cytohesin_	1371	1051	1081	433	694	331	14.53453	14.28813	13.82729	7.12495
protein_co	proteasom	2617	2196	2195	2336	2724	3281	29.94416	32.22182	30.30338	41.48697
protein_co	lectin_gala	867	678	737	703	863	679	16.9038	16.95135	17.33728	21.2741
protein_co	acid-sensin	316	213	204	28	52	66	4.303586	3.719909	3.352136	0.591878
protein_co	chemokine	18	13	10	0	0	0	1.042	0.965046	0.698463	0
protein_co	chemokine	347	274	280	26	24	21	16.33618	16.54173	15.90476	1.899874
protein_co	chemokine	0	0	0	0	0	1	0	0	0	0
protein_co	peroxisom	91	53	63	86	128	114	1.595137	1.191357	1.332432	2.339837
protein_co	HNF1_hom	5	3	2	2	4	0	0.067351	0.051821	0.032505	0.041815
protein_co	DEXH_(Asp	9	9	6	66	79	30	0.161257	0.20679	0.129711	1.835486
protein_co	K(lysine)_ac	566	450	520	776	922	714	8.536426	8.703251	9.462613	18.16569
protein_co	RAB5C_me	522	414	447	272	351	363	13.82077	14.05632	14.27964	11.17793
protein_co	N-acetylglu	646	470	498	314	420	330	11.90682	11.10889	11.07492	8.983042
pseudogen	hydroxyste	16	9	16	16	19	5	0.785592	0.566668	0.947862	1.219347
protein_co	hydroxyste	50	39	33	21	48	17	0.470594	0.470707	0.374747	0.30678
protein_co	MLX_MAX_	769	588	662	344	431	566	13.94371	13.6722	14.48298	9.681458
protein_co	contactin_	1629	1302	1347	351	370	153	14.4776	14.8387	14.44413	4.841871
protein_co	ABI_family_	24	25	22	12	9	25	0.533599	0.712776	0.590166	0.41411
protein_co	enhancer_c	419	384	385	402	466	160	4.24982	4.994558	4.711566	6.328678
protein_co	distal-less_	0	0	0	7	11	8	0	0	0	0.250718
processed_	protein_ph	3702	2700	2972	508	613	239	41.74768	39.04532	40.43829	8.891808
protein_co	collagen_ty	819324	581963	625136	576	787	759	5711.033	5201.92	5257.527	6.231777
protein_co	sarcoglycar	7	3	5	2	7	2	0.229211	0.12597	0.19754	0.101648
protein_co	mitochond	764	540	603	502	664	787	14.67594	13.30196	13.97584	14.96742
protein_co	vesicle_ami	7307	5786	6069	6810	8123	5581	125.3202	127.2535	125.5877	181.284
protein_co	leucine_ric	5114	4097	4362	1725	2149	1940	82.40397	84.65697	84.80493	43.14267
protein_co	Rho_family	171	156	191	1759	2164	1697	1.930234	2.258124	2.601329	30.81841
protein_co	arachidona	37	40	29	29	37	40	0.735764	1.020014	0.695797	0.895087
protein_co	histone_de	2281	1879	1927	3035	3582	2162	20.08189	21.21365	20.46958	41.47328
protein_co	ATP-bindin	30	21	19	4	3	1	0.246099	0.220911	0.188057	0.050931
protein_co	LUC7-like_3	2211	1749	1857	2165	2525	2631	14.7264	14.9385	14.9234	22.38186
protein_co	pancreatic_	0	0	0	0	2	0	0	0	0	0
protein_co	membrane_	359	247	222	784	1025	765	3.813665	3.364762	2.845438	12.92691
protein_co	SMAD_spec	1166	912	962	495	604	476	9.279321	9.30726	9.237209	6.114393
protein_co	dual_specif	716	564	597	584	600	543	8.168675	8.251388	8.217902	10.34146
protein_co	calcium_ch	0	1	0	0	1	0	0	0.047646	0	0
protein_co	elongation_	3056	2345	2527	2893	3072	3688	31.50745	31.0036	31.43498	46.29551
protein_co	hepatic_leu	2	0	1	5	6	9	0.016906	0	0.010199	0.065603
protein_co	solute_carr	6	0	7	7	4	10	0.073901	0	0.104026	0.133822
protein_co	protein_kir	6774	5339	5556	1912	2249	2115	74.63181	75.43068	73.85656	32.69619
protein_co	ephrin-B3	508	413	393	417	555	366	7.392964	7.707513	6.900737	9.41936
protein_co	family_with	132	67	58	47	78	57	1.687427	1.098336	0.894596	0.932566
protein_co	tyrosine_3-	10063	8004	8298	11890	13277	12478	213.4121	217.6748	212.3309	391.3848
pseudogen	-	4	5	7	5	2	10	0.459706	0.736885	0.970658	0.891909
protein_co	monocyte_	404	265	269	394	567	303	6.92635	5.826105	5.564465	10.48455
protein_co	RAN_guani	4	3	0	5	3	2	0.164526	0.158236	0	0.31921
protein_co	DPH1_hom	302	239	250	277	410	332	5.431832	5.512475	5.425346	7.733028
protein_co	mitogen-ac	123	129	125	390	394	357	1.874991	2.521698	2.29907	9.227608
protein_co	dehydroge	191	157	155	227	230	208	4.117698	4.340404	4.031818	7.595869
protein_co	WD_repeat	2685	2396	2366	1317	1493	1336	30.06919	34.40912	31.96982	22.89252
protein_co	myosin_he	0	0	0	0	1	0	0	0	0	0
protein_co	solute_carr	1283	1030	1033	2050	2381	2016	30.55353	31.45439	29.68131	75.77379
protein_co	myosin_he	35	28	20	34	67	30	0.271849	0.278886	0.187429	0.409891
protein_co	N-acetyltra	643	493	524	667	836	542	15.12809	14.87405	14.87484	24.35731
protein_co	transmemb	1464	1133	1269	325	455	549	14.46723	14.35765	15.13052	4.984918
protein_co	SEBOX_hor	9	7	10	11	17	3	0.196375	0.195863	0.263264	0.372535
protein_co	tumor_nec	1742	1412	1424	390	478	296	22.52065	23.40868	22.21216	7.825785
protein_co	intraflagell	388	255	264	125	118	145	12.2514	10.32532	10.05787	6.126246
protein_co	transmemb	1180	922	1042	1079	1211	2074	21.57965	21.62234	22.99207	30.62769
protein_co	cerebellar_	1879	1412	1554	1021	1399	910	24.91695	24.01111	24.86378	21.01476
protein_co	peripheral_	990	742	877	26	41	53	25.54822	24.55493	27.30694	1.041428

protein_co	forkhead_b	2	0	0	0	0	0	0.027293	0	0	0
protein_co	unc-119_h	670	494	546	832	965	625	7.499716	7.090981	7.374129	14.45519
protein_co	aldolase_C_	498	407	366	1040	896	534	11.78165	12.34754	10.44734	38.1892
protein_co	suppressor_	3709	3008	3191	2191	2448	3334	26.68228	27.74938	27.69752	24.46464
protein_co	RAB34_me	3159	2555	2606	2212	2597	2952	85.32579	88.49748	84.92844	92.73555
protein_co	PHD_finger	987	833	906	803	958	1073	6.026885	6.52274	6.675011	7.61065
protein_co	transmemb	1215	983	1016	1136	1560	1435	7.614457	7.899972	7.682533	11.05023
protein_co	gamma-am	0	0	0	0	3	3	0	0	0	0
protein_co	gonadotrop	2	5	1	0	0	1	0.043336	0.138932	0.026144	0
protein_co	SLAIN_mot	1501	1193	1257	438	550	323	11.17351	11.38829	11.28995	5.060732
protein_co	OCIA_doma	1215	853	955	1082	1277	1339	29.73454	26.76968	28.19917	41.10008
protein_co	cell_wall_b	1	0	0	0	0	1	0.018968	0	0	0
protein_co	DCN1_defe	522	420	471	333	341	378	5.057146	5.217875	5.505592	5.007371
protein_co	ubiquitin_s	1279	979	1061	882	1114	1035	12.62044	12.38785	12.63186	13.50837
protein_co	odontogen	1	0	1	0	0	3	0.03555	0	0.042893	0
protein_co	cysteine-ric	257	161	183	96	115	138	10.09274	8.107954	8.67112	5.851642
protein_co	neuromedi	2	2	3	792	679	492	0.114927	0.147377	0.207998	70.63922
protein_co	KIAA1211	2020	1441	1551	827	1068	669	20.46626	18.72235	18.96037	13.00538
protein_co	late_endos	351	301	315	261	233	321	3.894557	4.28279	4.217057	4.494919
protein_co	nuclear_fac	920	728	815	155	214	137	10.5603	10.71591	11.2874	2.761535
protein_co	amphiregul	5	5	5	0	0	0	0.189073	0.242459	0.228127	0
protein_co	mannosida	964	821	841	764	811	523	6.08453	6.645115	6.40463	7.484691
protein_co	ubiquitin-c	5026	3888	4039	4411	5287	4884	48.90418	48.5131	47.41823	66.61791
protein_co	mitogen-ac	9	9	4	31	27	32	0.102754	0.131767	0.055102	0.549348
protein_co	E74-like_fa	540	433	451	457	530	444	6.311219	6.489582	6.359809	8.290222
protein_co	NADH_deh	499	456	438	572	642	553	18.61426	21.8132	19.71366	33.11857
protein_co	uncoupling	0	0	0	4	3	3	0	0	0	0.199124
protein_co	TBC1_dom	1332	973	1145	13	22	38	11.77111	11.02644	12.20862	0.178315
protein_co	zinc_finger_	393	378	329	640	821	514	9.703937	11.96896	9.801654	24.52821
protein_co	inositol_pc	1242	989	953	11	10	13	6.594655	6.734047	6.105363	0.090655
protein_co	GRB2-assoc	224	196	224	267	308	201	1.316046	1.476687	1.587885	2.434809
protein_co	kelch-like_f	415	358	352	153	161	149	6.209112	6.868688	6.354364	3.553066
protein_co	carboxypep	2332	1681	1748	267	345	351	45.16626	41.75059	40.8484	8.026521
protein_co	ribosomal_	4994	4166	4023	5345	5847	5032	89.13923	95.3562	86.63999	148.0807
protein_co	Wolfram_s	1481	1138	1241	1011	1251	781	18.99976	18.72167	19.20936	20.13143
protein_co	annexin_A1	2	1	5	0	0	0	0.066182	0.042435	0.199631	0
protein_co	GrpE-like_1	544	470	486	459	536	644	9.192133	10.18415	9.908359	12.03817
protein_co	GAR1_ribo	781	656	682	523	652	937	29.9192	32.22643	31.52328	31.09791
protein_co	FSHD_regic	542	368	380	427	402	443	23.6633	20.60313	20.0174	28.93573
protein_co	chloride_cl	1239	1089	1038	878	902	687	8.68152	9.785019	8.775459	9.548814
protein_co	aminoadip	908	728	726	163	169	242	18.83067	19.36068	18.16622	5.246841
protein_co	UDP-N-acet	965	751	854	1174	1262	1588	10.50589	10.48467	11.2179	19.83828
protein_co	DEAH_(Asp	2845	2444	2454	3332	3708	4462	44.05618	48.53277	45.85082	80.08662
protein_co	superoxide	41	36	22	100	131	74	1.259824	1.418527	0.815636	4.769319
protein_co	Sep_(O-phc	106	97	92	103	115	79	0.904356	1.061243	0.947043	1.363959
protein_co	carboxypep	7	8	6	41	39	21	0.088281	0.129381	0.0913	0.802574
protein_co	tripartite_r	879	689	706	986	950	1374	6.119722	6.151363	5.930558	10.65492
protein_co	solute_carr	4	4	3	4	1	1	0.086235	0.110584	0.078035	0.133848
protein_co	F-box_and_	503	367	386	357	479	294	4.738935	4.433923	4.387813	5.220492
protein_co	nei_endon	122	115	90	112	143	91	2.375657	2.871647	2.114533	3.385107
protein_co	TBC1_dom	153	141	151	26	30	22	3.170204	3.746488	3.775034	0.83618
protein_co	cytokine-de	0	0	0	1	0	0	0	0	0	0.012999
protein_co	Wolf-Hirsch	4604	3690	4084	3257	4124	3176	25.19627	25.89624	26.96713	27.66618
protein_co	SH3_doma	1350	1142	1207	1035	1315	1085	11.97985	12.9955	12.92328	14.2557
protein_co	stromal_in	842	645	735	247	295	235	7.624835	7.490096	8.030706	3.471729
protein_co	NK3_home	13	8	3	0	3	2	0.217626	0.171738	0.060595	0
protein_co	major_facil	1249	897	1053	1696	1990	1782	26.95151	24.82118	27.41556	56.80375
protein_co	glycine_rec	84	69	70	9	4	5	1.26	1.327241	1.266886	0.209539
protein_co	bone_marr	58	52	65	12	17	17	1.364587	1.568866	1.845162	0.438213
protein_co	Rap_guanir	1186	982	1008	805	856	598	8.002815	8.49726	8.206664	8.431104
protein_co	HGF_activa	1	5	4	4	3	4	0.02183	0.139967	0.105355	0.13553
protein_co	sorting_ne	564	460	502	385	446	198	7.958462	8.323715	8.546766	8.432207
protein_co	LRP2_bindi	56	47	54	33	37	15	0.50849	0.54727	0.591611	0.465092
protein_co	UFM1-spec	306	239	254	297	266	225	6.11088	6.120537	6.120178	9.205963
protein_co	Kruppel-lik	708	534	618	273	321	196	6.481478	6.268901	6.826174	3.879126

protein_co	kelch-like_f	414	354	360	296	370	260	5.667874	6.214875	5.946622	6.289875
protein_co	family_witl	58	40	49	169	259	160	0.907448	0.802533	0.924992	4.104033
protein_co	non-SMC_c	944	728	824	855	865	929	9.496712	9.391652	10.00176	13.35051
protein_co	UDP-glucos	2266	1839	1933	1204	1468	1435	33.0388	34.38392	34.00512	27.24716
protein_co	peroxisome	15	21	6	54	54	32	0.111325	0.199862	0.053728	0.62205
protein_co	DEAD_(Asp-	0	0	0	169	189	82	0	0	0	5.404124
protein_co	crystallin_a	2	2	3	8	10	3	0.083807	0.107471	0.151677	0.52032
protein_co	developing	0	0	0	0	1	2	0	0	0	0
protein_co	HIV-1_Tat_i	77	74	83	395	549	453	2.065521	2.545541	2.686366	16.44624
protein_co	cathepsin_(	2155	1711	1905	3082	3797	3976	16.49763	16.79707	17.59614	36.62161
protein_co	coiled-coil_	410	277	319	396	513	441	9.115651	7.89756	8.557414	13.66562
protein_co	zinc_finger_	0	0	0	2	11	4	0	0	0	0.03288
protein_co	elongator_a	139	123	135	189	206	137	3.323668	3.771527	3.894795	7.014473
protein_co	zinc_finger_	927	700	701	761	767	950	16.43367	15.91337	14.99411	20.93967
protein_co	mitochond	1281	954	1063	1052	1156	1199	23.21844	22.17388	23.24691	29.59581
protein_co	formin_bin	1312	1133	1260	875	1005	942	15.50005	17.16479	17.96048	16.04493
protein_co	tectorin_al	27	20	19	23	26	32	0.170486	0.161944	0.144753	0.225415
protein_co	sterol-C5-d	1130	917	1004	956	823	1403	21.57399	22.45074	23.12777	28.3296
protein_co	cytotoxic_a	0	0	4	0	0	1	0	0	0.091657	0
protein_co	chromosor	90	58	56	32	39	22	1.450207	1.198463	1.088738	0.800328
protein_co	beta-13-glu	1	0	2	749	834	657	0.007612	0	0.018369	8.849362
protein_co	heat_shock	20763	16423	17200	17070	17297	21275	395.2811	400.9385	395.0868	504.4057
protein_co	purinergic_	0	1	0	1	2	1	0	0.03284	0	0.039749
protein_co	von_Willeb	293	268	235	415	461	285	3.130988	3.672467	3.02991	6.883231
protein_co	DnaJ_(Hsp4	271	196	201	268	252	139	9.482981	8.795105	8.486326	14.55596
protein_co	sialic_acid_	193	134	161	42	47	57	1.620952	1.443201	1.631499	0.547511
protein_co	sorting_nex	424	318	347	216	285	207	4.21841	4.057135	4.165436	3.335548
protein_co	leupaxin	93	88	84	29	28	19	2.077547	2.520925	2.264098	1.005533
protein_co	deltex_hon	46	53	67	654	721	445	0.382301	0.564849	0.671847	8.436368
protein_co	autophagy_	1010	750	733	778	1180	771	7.427685	7.072984	6.504054	8.880597
protein_co	EH-domain	2423	1626	1741	932	1296	1083	24.96474	21.48342	21.64315	14.90459
protein_co	oxysterol_b	2459	1994	2083	1434	1722	1354	22.68396	23.5882	23.18449	20.53241
protein_co	unc-93_ho	188	157	200	494	646	425	3.807915	4.077917	4.887733	15.53055
protein_co	pseudourid	127	117	133	276	243	230	3.231162	3.817247	4.082768	10.8992
protein_co	decapping_	311	244	255	289	311	279	5.911145	5.947171	5.847894	8.525887
protein_co	suppressor_	865	751	747	834	976	947	6.948752	7.736419	7.240346	10.3989
protein_co	FAD-depen	491	397	387	814	1056	909	7.560919	7.839583	7.190384	19.45575
protein_co	protein_ph	1729	1330	1390	1525	1879	2040	15.83763	15.62271	15.36237	21.68181
protein_co	neurexin_2	44	50	42	174	200	48	0.311609	0.454084	0.358884	1.912654
protein_co	membrane-	3	3	7	0	2	1	0.058224	0.074664	0.163919	0
protein_co	membrane-	1	0	0	0	0	0	0.027977	0	0	0
protein_co	ST3_beta-g	1397	1147	1239	214	306	175	33.30216	35.06298	35.63653	7.918087
protein_co	carnitine_p	1600	1287	1249	1722	2397	1756	14.33945	14.7911	13.50589	23.9539
protein_co	cyclin_D1	13203	10315	11081	4255	5982	6996	143.7402	144.0072	145.5568	71.9011
protein_co	coiled-coil_	439	335	359	482	843	885	10.87412	10.64104	10.72932	18.53136
protein_co	PRP19/PSC	2381	1744	1905	2209	2615	3378	51.75945	48.61677	49.96585	74.53434
protein_co	transmemb	2067	1492	1592	836	899	1022	40.16646	37.1793	37.32623	25.21505
protein_co	cholecystol	1	0	1	76	108	200	0.021932	0	0.026462	2.587121
protein_co	hemopexin	10	8	9	9	7	9	0.283838	0.291185	0.30822	0.3965
protein_co	tripartite_r	656	549	587	217	267	147	6.960817	7.470301	7.515235	3.573935
protein_co	cysteine_ar	622	493	558	636	656	820	5.440327	5.529563	5.888665	8.634201
protein_co	folate_rece	0	0	0	3	1	5	0	0	0	0.164042
protein_co	anaphase_p	27	25	30	51	63	55	0.854848	1.01502	1.146026	2.506259
protein_co	folate_rece	5	1	0	0	0	0	0.236818	0.060737	0	0
protein_co	pannexin_1	667	534	598	468	592	721	11.29492	11.596	12.21818	12.30081
protein_co	Rho_guanir	2563	1919	2131	413	474	231	15.30359	14.69363	15.3524	3.827589
protein_co	apolipopro	0	1	0	5	7	2	0	0.031171	0	0.188646
protein_co	apolipopro	0	0	0	0	0	1	0	0	0	0
protein_co	centrosom	1022	843	929	296	410	350	8.422073	8.908509	9.23702	3.786085
protein_co	ring_finger_	285	264	217	343	410	429	2.29695	2.728475	2.110155	4.290731
protein_co	KIAA1377	122	90	111	49	39	35	0.812698	0.768814	0.892155	0.506636
protein_co	eukaryotic_	21777	17665	18919	9537	11239	16499	150.853	156.9202	158.1256	102.5411
protein_co	interleukin	7	10	6	1	3	1	0.063672	0.116644	0.065849	0.014118
protein_co	UDP-N-acet	3	6	5	109	105	57	0.056178	0.144081	0.11297	3.16813
protein_co	baculoviral	924	764	841	350	390	378	10.63746	11.27895	11.68181	6.254095

protein_co	ubiquitinat	1008	838	962	436	452	559	7.744574	8.256393	8.91785	5.199409
processed_	matrix_me	4	1	1	4	3	0	0.100139	0.032103	0.030206	0.155429
protein_co	DEAD_(Asp	2765	2249	2281	2012	2469	2124	28.57005	29.79989	28.43736	32.26817
protein_co	uroplakin_	2	3	9	5	3	6	0.097891	0.188298	0.531503	0.379853
protein_co	Cbl_proto-	2011	1652	1770	1755	2091	1450	8.224669	8.664145	8.734291	11.14074
protein_co	poliovirus_	737	552	634	2102	2867	2635	5.917456	5.683501	6.14193	26.19574
protein_co	homeodom	1036	784	841	293	321	288	6.557513	6.363629	6.422786	2.878575
protein_co	KIAA1549-l	2539	2067	2217	90	93	67	10.1947	10.64294	10.74053	0.560899
protein_co	F-box_prot	374	319	292	271	272	297	2.366649	2.588584	2.229426	2.661717
protein_co	pyruvate_d	451	366	385	456	458	548	8.448821	8.792451	8.702185	13.25912
protein_co	solute_carr	4	2	4	6	9	15	0.016036	0.010282	0.019349	0.037336
protein_co	COMM_dor	458	318	373	161	188	313	12.30695	10.95775	12.09322	6.714927
protein_co	solute_carr	3	2	3	257	268	150	0.030721	0.026263	0.037066	4.084824
protein_co	CD5_molec	3	2	3	10	13	5	0.043673	0.037336	0.052694	0.225954
protein_co	1-aminocyc	69	41	71	51	65	60	0.959209	0.730899	1.190887	1.100436
protein_co	midkine_(n	6696	4889	5009	8376	10234	8571	234.4851	219.5479	211.6406	455.2678
protein_co	autophagy/	940	710	803	826	1027	921	8.23708	7.978351	8.490026	11.23456
protein_co	MAP-kinase	1207	934	986	836	1061	635	9.424854	9.352411	9.2895	10.13221
protein_co	protein_tyr	12	13	11	5	10	5	0.247659	0.344053	0.273913	0.160167
protein_co	N(alpha)-ac	759	534	608	479	488	887	7.560978	6.821608	7.30782	7.406315
protein_co	cysteinyl-tF	897	691	689	879	1239	1016	7.337813	7.248725	6.80051	11.16075
protein_co	solute_carr	221	191	221	148	147	60	3.932711	4.358554	4.745042	4.087822
protein_co	CD81_mole	4844	3861	3912	2543	2791	2687	43.38782	44.34788	42.27763	35.35416
protein_co	solute_carr	926	844	865	464	549	611	13.03517	15.23553	14.69163	10.13804
protein_co	chromosor	3	0	2	0	0	0	0.047588	0	0.038278	0
protein_co	ELMO/CED-	19	14	8	10	4	15	0.312381	0.295167	0.158697	0.255189
protein_co	calcitonin-	0	0	0	10	3	2	0	0	0	0.396188
protein_co	SRY_(sex_d	335	247	331	3	12	20	1.760017	1.664096	2.098206	0.024464
protein_co	chromosor	2867	2219	2397	1913	1917	2698	31.57202	31.33584	31.84863	32.69792
protein_co	phosphatid	2792	2051	2326	1158	1659	1130	30.98626	29.18964	31.14666	19.94769
protein_co	ribosomal_	4293	3539	3580	5253	5440	5285	259.0719	273.873	260.6696	492.0364
protein_co	aryl_hydro	1236	974	935	393	597	263	47.46606	47.96595	43.32358	23.42544
protein_co	nucleopori	2101	1695	1887	1888	2091	2084	14.1282	14.61638	15.31019	19.70576
protein_co	NADH_deh	1399	1064	1217	1423	1575	1395	21.35388	20.82621	22.41289	33.71278
protein_co	T-cell_imm	1381	1056	1206	350	461	276	24.18943	23.71949	25.48751	9.515476
protein_co	choline_kir	260	209	197	426	699	592	4.818737	4.967244	4.405286	12.25462
protein_co	exophilin_	11	8	13	176	220	114	0.050632	0.047221	0.072198	1.257411
protein_co	Hermansky	599	500	538	322	384	397	5.954446	6.373733	6.45275	4.96822
protein_co	general_tra	613	507	515	221	318	346	9.639028	10.22328	9.770753	5.393808
protein_co	protein_tyr	1	3	3	282	373	142	0.012113	0.0466	0.043846	5.301964
protein_co	von_Willeb	6	5	6	33	52	40	0.031833	0.034018	0.038408	0.271751
protein_co	proteasom	70	63	62	20	18	32	1.075812	1.241618	1.149683	0.477088
protein_co	leprecan-lil	4736	3472	3670	442	614	409	68.83792	64.71502	64.36209	9.97169
protein_co	PTPRF_inte	1924	1625	1669	192	225	165	15.03356	16.28244	15.7348	2.328566
protein_co	PRP40_pre	384	301	335	314	422	203	4.998825	5.024728	5.261742	6.344491
protein_co	CD69_mole	0	0	0	1	0	2	0	0	0	0.043425
protein_co	PR_domair	917	779	787	365	412	405	10.21334	11.12615	10.57599	6.309888
protein_co	C-type_lect	1	0	0	0	0	2	0.027582	0	0	0
protein_co	coenzyme_	255	274	254	557	603	478	7.789547	10.73327	9.36168	26.40935
protein_co	selectin_P_	24	22	17	4	3	1	0.445158	0.523281	0.380452	0.115158
protein_co	coronin_ac	5309	4352	4587	2062	2327	2051	63.96174	67.23661	66.67827	38.55908
protein_co	acid-sensin	328	332	314	93	160	78	3.776995	4.902528	4.362649	1.662211
protein_co	D-amino-ac	0	0	0	1	0	0	0	0	0	0.030516
protein_co	caprin_fam	838	714	852	729	784	686	6.005477	6.561619	7.367008	8.108891
protein_co	tetraspanir	185	176	150	149	225	120	1.575777	1.922406	1.541567	1.96988
protein_co	potassium_	2589	2030	2126	1003	1216	1246	22.67008	22.7943	22.46116	13.63177
protein_co	solute_carr	694	555	595	724	888	832	7.830046	8.029845	8.099717	12.67868
protein_co	malectin	6132	4918	5285	6800	8437	9073	43.39414	44.62999	45.1255	74.69101
protein_co	mevalonate	1560	1115	1225	336	347	773	17.802	16.31655	16.86663	5.95133
protein_co	cysteine-se	1457	1083	1283	563	677	597	15.28726	14.57162	16.2422	9.168724
protein_co	calcium/ca	1092	842	848	1066	1579	998	9.14682	9.044174	8.570209	13.8591
protein_co	bridging_in	6	5	3	0	3	1	0.101165	0.108108	0.061031	0
protein_co	interleukin	16	9	9	27	35	47	0.720692	0.519854	0.489125	1.887661
protein_co	ATP_syntha	9139	7605	7724	13358	13880	13143	239.5349	255.6105	244.2645	543.4279
protein_co	prostaglan	3579	2986	3094	5639	7073	6597	57.31536	61.32089	59.783	140.1657

protein_co	synaptotag	0	0	0	10	11	34	0	0	0	0.163147
protein_co	B-cell_CLL/	289	208	287	541	653	380	2.16993	2.002722	2.600027	6.304863
protein_co	arginine/se	1228	1028	1088	1285	1153	1325	18.24491	19.586	19.50385	29.63309
protein_co	cytochrom	4	3	10	15	12	13	0.073843	0.071019	0.222738	0.429802
protein_co	myogenic_	0	0	0	2	1	3	0	0	0	0.099358
protein_co	myogenic_	0	0	0	0	0	2	0	0	0	0
protein_co	lin-7_homo	165	165	162	140	144	120	1.265846	1.623268	1.499547	1.667077
protein_co	keratin_18	880	731	754	4148	4656	3467	19.76208	21.05119	20.43004	144.5836
protein_co	acyl-CoA_sy	74	71	60	402	406	242	0.722436	0.888864	0.706752	6.091501
protein_co	tensin_like	1952	1491	1582	76	100	122	18.26932	17.89492	17.86476	1.104045
protein_co	GLI_family_	249	160	159	242	296	366	3.231557	2.66282	2.489761	4.874816
protein_co	protein_ph	276	226	193	1072	1312	743	2.037092	2.139042	1.718727	12.2808
protein_co	methionyl_	1753	1408	1447	2117	2076	2580	22.82649	23.5109	22.73389	42.78668
protein_co	leukotriene	635	604	579	1751	1839	1461	4.873983	5.945064	5.362124	20.8606
protein_co	ELK3_ETS-d	3607	2860	3077	372	472	340	40.22171	40.89684	41.39901	6.438546
protein_co	solute_carr	0	0	0	19	15	7	0	0	0	0.387235
protein_co	wingless-ty	819	590	654	247	244	189	16.67517	15.40451	16.06617	7.805736
protein_co	mago-nashi	436	346	361	177	252	387	7.65408	7.789184	7.646483	4.822922
protein_co	transient_r	309	230	267	133	165	37	4.462278	4.259271	4.65219	2.981125
protein_co	integrin_al	412	310	334	221	199	469	8.182417	7.89506	8.003481	6.81251
protein_co	forkhead_b	1692	1357	1460	1357	1636	1828	22.83105	23.4809	23.76985	28.42077
protein_co	proline_ric	98	56	77	36	39	49	2.955126	2.165446	2.801488	1.684934
protein_co	protein_arg	0	0	0	41	48	43	0	0	0	0.505844
protein_co	poly_(ADP-	246	180	179	181	193	148	2.607356	2.446511	2.289108	2.977655
protein_co	actin_relat	1589	1359	1365	798	818	893	67.85814	74.42294	70.33294	52.89461
protein_co	GPN-loop_(	359	254	315	488	578	446	10.49471	9.521801	11.11053	22.14248
protein_co	vacuolar_p	822	680	696	398	519	606	25.30768	26.84718	25.8546	19.01928
protein_co	fibroblast_	0	0	0	0	0	1	0	0	0	0
protein_co	RAD51_ass	247	213	234	597	541	718	5.182029	5.730491	5.923341	19.44051
protein_co	cut-like_ho	2	1	1	332	476	294	0.013703	0.008786	0.008266	3.530522
protein_co	SH2B_adap	5604	4398	4869	758	963	835	48.60741	48.91803	50.95563	10.20479
protein_co	A_kinase_(F	16	12	8	70	90	29	0.226112	0.217468	0.136409	1.535439
protein_co	MANSC_do	45	33	22	110	125	117	0.804442	0.756494	0.474518	3.052146
protein_co	potassium_	251	169	207	0	3	1	1.475601	1.274064	1.468296	0
protein_co	dual_specif	230	191	195	750	796	456	3.022619	3.218832	3.091991	15.29844
protein_co	cAMP_resp	479	374	405	387	539	313	5.983036	5.990555	6.103644	7.502872
protein_co	acyl-CoA_d	435	311	351	431	469	281	5.010356	4.593556	4.877918	7.705255
protein_co	aldehyde_d	976	797	745	398	496	381	22.67822	23.74799	20.8864	14.35399
protein_co	cyclin-depe	761	547	596	655	849	392	13.42992	12.379	12.69063	17.94158
protein_co	G_protein-(	0	0	0	1	0	0	0	0	0	0.070115
protein_co	N(alpha)-ac	560	502	499	560	711	728	4.374215	5.028345	4.702845	6.789387
protein_co	germ_cell_	10	4	6	1	5	5	0.196193	0.100636	0.142031	0.030452
protein_co	sodium_ch	0	1	1	1615	1758	2381	0	0.016962	0.015959	33.15638
protein_co	lymphotox	383	281	302	66	114	86	7.730898	7.273557	7.355059	2.067786
protein_co	2-oxoglutar	41	10	21	4	4	2	0.832968	0.260528	0.514768	0.126135
protein_co	cyclin-depe	3536	2711	3063	1283	1558	1720	91.50282	89.9624	95.63508	51.53228
protein_co	2'-5'-oligoa	77	41	63	9	6	2	0.537361	0.366918	0.530474	0.097487
protein_co	2'-5'-oligoa	39	21	36	0	0	0	0.386293	0.266735	0.430232	0
protein_co	ADP-ribosy	3	1	1	2	1	0	0.027426	0.011723	0.011031	0.02838
protein_co	matrix_Gla	832	755	632	0	0	5	27.7669	32.31174	25.44891	0
protein_co	RAS_protei	0	0	0	180	250	109	0	0	0	3.43211
protein_co	Rho_GDP_(	268	222	263	28	7	12	10.00519	10.62804	11.84662	1.62248
protein_co	general_tra	549	439	503	466	583	589	7.732839	7.929402	8.548357	10.18786
protein_co	eukaryotic_	910	726	823	679	769	1108	17.22645	17.62383	18.79759	19.95054
protein_co	DEAD_(Asp-	413	343	365	503	552	682	6.998763	7.453748	7.462978	13.2303
protein_co	solute_carr	2840	2317	2391	3374	4686	5567	16.50975	17.27259	16.77065	30.44372
protein_co	RERG/RAS-l	1	2	0	0	0	0	0.040881	0.104847	0	0
protein_co	endonuclea	4	3	8	0	2	0	0.077729	0.074757	0.187569	0
protein_co	chromosor	1008	802	810	740	995	770	16.87438	17.21674	16.36064	19.22779
protein_co	vitamin_D_	162	128	129	4	10	8	1.59149	1.612532	1.529068	0.060993
protein_co	frizzled_fan	137	90	114	50	73	310	1.957322	1.648898	1.965146	1.108772
protein_co	replication	506	331	375	490	587	692	9.71595	8.150271	8.687885	14.60365
protein_co	syntaxin_2	917	703	786	367	526	301	12.90848	12.69026	13.34985	8.018669
protein_co	G_protein-(	9	3	10	9	10	0	0.059564	0.025461	0.079853	0.092451
protein_co	coatomer_	2674	2179	2295	1635	1736	1572	66.09589	69.06844	68.44533	62.72798

protein_co	TBC1_dom	34	25	39	23	51	27	0.214484	0.202239	0.296844	0.225203
protein_co	cullin-assoc	4191	3241	3646	2456	2813	2957	17.46654	17.32119	18.33386	15.88723
protein_co	RAB5B_me	303	261	253	147	181	118	4.225959	4.668018	4.257467	3.182222
protein_co	Mdm1_nuc	183	167	167	123	108	125	2.940669	3.441287	3.237872	3.067826
protein_co	nucleopori	849	731	739	1160	1177	1453	10.89779	12.03254	11.4452	23.11102
protein_co	CCR4-NOT_	1197	938	1021	1021	1163	1171	11.80883	11.86656	12.15308	15.63395
protein_co	timeless_ci	1218	1125	1085	1911	2308	2083	13.0512	15.45841	14.02752	31.78295
protein_co	cleavage_a	2007	1500	1590	2705	3185	3278	14.22434	13.63281	13.59659	29.75655
protein_co	KRR1_smal	353	279	296	253	248	338	4.061884	4.116862	4.109534	4.518599
protein_co	mitochond	1388	1210	1263	1371	1473	1528	57.29168	64.0467	62.90041	87.83548
protein_co	glyceraldeh	26392	19754	20704	33314	29149	27687	660.0114	633.4955	624.7143	1293.113
protein_co	NOP2_nucl	822	645	758	949	1129	1389	12.68716	12.7662	14.11594	22.7347
protein_co	chromodor	9547	7944	8017	6555	7934	6673	68.03328	72.59439	68.93098	72.50328
protein_co	acrosin_bir	4	5	4	35	47	7	0.097031	0.155535	0.117073	1.317793
protein_co	UHRF1_bin	342	311	354	308	247	294	3.103016	3.618492	3.875335	4.337496
protein_co	COP9_signa	1423	1160	1192	561	559	490	31.37024	32.79293	31.70569	19.1958
protein_co	inhibitor_c	386	318	373	275	309	264	10.59072	11.18858	12.34796	11.7112
protein_co	guanine_nu	130	117	108	27	51	34	2.124678	2.452139	2.129716	0.684927
protein_co	cell_divisio	474	411	434	643	627	608	7.619427	8.472179	8.417473	16.04299
protein_co	choline_ph	228	191	230	234	315	219	2.462212	2.645046	2.99686	3.922265
protein_co	ubiquitin_s	3241	2508	2611	3100	3513	2970	47.77446	47.40821	46.4378	70.92656
protein_co	triosephosp	7842	6298	6615	10949	9752	10152	208.5715	214.8029	212.2785	451.9944
protein_co	N-acetylglu	843	679	712	554	616	666	6.93357	7.161574	7.065736	7.072445
protein_co	splA/ryano	153	125	114	127	224	177	4.79557	5.024214	4.311235	6.178499
protein_co	enolase_2_	477	415	422	1675	1802	991	7.911757	8.826978	8.4453	43.1221
protein_co	atrophin_1	6346	4803	5340	1762	2305	2224	69.31378	67.2731	70.37344	29.87142
protein_co	chromosor	2202	1616	1682	603	727	560	105.359	99.15281	97.10204	44.78186
protein_co	protein_tyr	24	15	21	408	477	282	0.466567	0.373942	0.492573	12.31101
protein_co	lysophosph	689	606	600	606	725	870	11.13274	12.55639	11.69721	15.19799
protein_co	5'-nucleoti	399	378	403	244	334	286	2.595965	3.153748	3.163581	2.464031
protein_co	Nanog_hon	0	0	0	3339	3777	3455	0	0	0	115.6648
protein_co	suppressor_	1239	1063	1144	1841	2287	1753	11.86374	13.05248	13.21674	27.36116
protein_co	golgi_trans	1668	1216	1382	331	436	508	24.23692	22.65814	24.22911	7.465173
protein_co	glycogen_s	0	2	1	0	0	0	0	0.038397	0.018064	0
protein_co	lactate_deh	8608	7175	7373	14826	14258	15679	262.4378	280.5145	271.2166	701.5821
protein_co	protein_kir	429	353	367	434	490	565	5.00518	5.281368	5.166263	7.859277
protein_co	cytidine_m	481	368	393	1126	1644	1192	12.62121	12.38263	12.44218	45.85901
protein_co	host_cell_f	232	194	180	12	8	15	2.67219	2.865434	2.501496	0.214531
protein_co	ST8_alpha-	80	56	60	8	8	7	1.609958	1.44518	1.45688	0.249888
protein_co	C-type_lect	5	9	2	0	0	2	0.183021	0.422458	0.08833	0
protein_co	C2_calcium	644	534	570	1091	1177	1019	6.807297	7.238348	7.269621	17.89963
protein_co	activation-	2	0	0	0	1	3	0.033267	0	0	0
protein_co	RAB35_me	1532	1046	1240	859	1083	1205	24.39236	21.3568	23.82127	21.22847
protein_co	polyhomec	889	708	786	8955	9699	7158	8.056673	8.228043	8.594578	125.965
protein_co	cytochrom	87	77	74	117	187	107	5.318685	6.036498	5.458393	11.102
protein_co	regulatory_	1	1	1	0	0	7	0.011856	0.015203	0.014305	0
protein_co	resistance_	354	357	353	178	238	238	3.235055	4.183656	3.892254	2.524811
protein_co	serine/argi	4512	3462	3624	3992	5215	4866	124.1595	122.1651	120.3226	170.5029
pseudogen	-	275	212	238	392	464	409	3.290318	3.252747	3.435818	7.279837
protein_co	FGFR1_onc	583	472	527	260	260	287	9.282472	9.637101	10.12404	6.425381
protein_co	killer_cell_	0	0	1	5	5	1	0	0	0.039071	0.251311
protein_co	collagen_ty	94705	72125	76822	61	73	213	378.804	369.9447	370.745	0.378706
protein_co	butyrophili	194	171	176	35	52	11	2.000586	2.261314	2.189859	0.560214
protein_co	tyrosyl-DN	670	474	495	779	867	962	14.81901	13.44411	13.20985	26.74314
protein_co	fyn-related_	23	39	28	6	6	3	0.378543	0.823118	0.556025	0.153274
protein_co	dermatan_s	1713	1286	1494	1132	1307	1338	18.87723	18.17319	19.86458	19.36233
protein_co	RWD_dom	665	559	564	406	505	536	5.646842	6.087026	5.778447	5.351068
protein_co	radial_spok	5	3	1	4	8	17	0.082991	0.063855	0.020027	0.103051
protein_co	male_germ	17	14	17	20	31	22	0.200083	0.211299	0.241412	0.36536
protein_co	transmemb	981	835	795	1226	1519	1179	39.08165	42.65793	38.2137	75.80972
protein_co	PAK1_inter	356	267	314	478	477	835	9.273803	8.919253	9.869283	19.32708
protein_co	glucosamin	0	0	1	1284	1282	1141	0	0	0.012503	20.65177
protein_co	small_integ	78	82	66	93	119	82	1.502638	2.025737	1.534093	2.780822
protein_co	neural_pre	1646	1207	1453	233	211	186	15.64268	14.7095	16.66076	3.436906
protein_co	centrosom	200	140	144	80	76	42	1.222208	1.097116	1.061758	0.758815

protein_co	androgen-d	33	22	29	2	7	4	0.802995	0.686484	0.851422	0.075537
protein_co	ASF1_anti-s	432	313	354	284	320	361	8.57599	7.968089	8.47914	8.750831
protein_co	minichrom	215	165	182	127	152	202	1.327892	1.306825	1.356262	1.21747
protein_co	family_witl	7	5	2	134	132	85	0.079263	0.072603	0.027325	2.355106
protein_co	RNA_guany	588	433	512	435	458	392	6.218162	5.871944	6.53285	7.140102
protein_co	mannosida	1669	1248	1321	202	301	204	15.60818	14.96649	14.90551	2.932094
protein_co	gamma-am	11	13	9	0	1	5	0.305021	0.462263	0.301111	0
protein_co	serine_incc	2134	1810	1893	545	509	717	29.58702	32.18064	31.66689	11.72826
protein_co	HD_domair	675	508	531	726	758	690	19.59799	18.91389	18.60161	32.71711
protein_co	tumor_pro	97	65	53	251	262	175	1.827373	1.570284	1.204701	7.339385
protein_co	histidine_t	387	346	307	223	303	172	5.480651	6.283573	5.245751	4.901811
protein_co	nuclear_rec	203	138	156	99	116	64	1.724085	1.502973	1.598583	1.305053
protein_co	family_witl	24	24	20	152	163	127	0.205696	0.263775	0.20682	2.022031
protein_co	SAM_and_S	5095	4101	4385	606	640	565	30.98232	31.97929	32.17269	5.719694
protein_co	uronyl-2-su	472	373	357	686	841	512	5.272055	5.342643	4.811209	11.89303
protein_co	UL16_bind	56	35	41	8	9	8	0.836255	0.670237	0.738725	0.185426
protein_co	F-box_prot	544	418	419	582	608	608	9.810834	9.667021	9.11736	16.29148
protein_co	mitochond	295	210	253	164	227	315	3.762937	3.435054	3.893798	3.246977
protein_co	peroxisome	4046	3091	3329	496	651	406	50.26948	49.2478	49.90457	9.565125
protein_co	opioid_rec	0	0	0	0	1	0	0	0	0	0
protein_co	Fanconi_ar	339	270	283	416	491	316	6.223851	6.356713	6.268938	11.8545
protein_co	tubby_like_	3	5	4	80	128	75	0.065065	0.139061	0.104673	2.693055
protein_co	solute_carr	0	1	0	4	4	9	0	0.01646	0	0.079693
protein_co	mitogen-ac	1062	881	1000	724	923	711	11.5298	12.26542	13.09921	12.20018
protein_co	potassium_	1748	1487	1525	796	964	697	14.58689	15.91262	15.35463	10.31015
protein_co	serine/thre	758	546	687	252	307	257	9.939215	9.180892	10.86895	5.128778
protein_co	serine/argi	5337	4031	4500	6526	7821	10462	121.8364	118.0055	123.9483	231.2371
protein_co	superoxide	769	588	703	1387	1707	1379	8.381781	8.218577	9.245137	23.4648
protein_co	mitochond	964	722	803	896	1238	1070	42.04835	40.38485	42.26059	60.66112
protein_co	minichrom	2447	1914	2021	6591	6844	8640	36.20697	36.31695	36.0805	151.37
protein_co	ring_finger_	425	342	366	593	623	490	3.539026	3.651996	3.677257	7.664433
protein_co	phosphatas	155	93	94	97	127	84	1.519221	1.168911	1.111642	1.475677
protein_co	MAM_dom	1202	901	991	67	117	35	5.249795	5.046288	5.222273	0.454196
protein_co	intestinal_(	799	641	718	264	331	276	6.016561	6.18969	6.5234	3.085574
protein_co	F-box_prot	695	534	604	238	320	403	7.148182	7.04306	7.495417	3.799428
protein_co	CD83_mole	24	20	15	82	119	133	0.455427	0.486684	0.343437	2.415194
protein_co	MDN1_mid	1806	1392	1726	5289	5900	6420	4.599108	4.545738	5.303281	20.90547
protein_co	glucagon-li	0	0	0	16	24	12	0	0	0	0.375033
protein_co	SAYSVFN_m	298	210	237	100	117	109	6.917438	6.251117	6.637819	3.60296
protein_co	bone_morp	124	50	69	0	0	2	1.471245	0.760751	0.987781	0
protein_co	BTB_and_C	216	208	185	80	156	79	1.111406	1.372435	1.148521	0.63891
protein_co	RNA_bindi	148	129	141	27	41	28	2.567415	2.86968	2.951219	0.72699
protein_co	CAP_adeny	926	752	697	207	226	206	13.09414	13.63619	11.89178	4.543251
protein_co	triggering_	2	1	3	0	1	1	0.028401	0.01821	0.051401	0
protein_co	zinc_finger_	615	462	433	427	455	517	3.042558	2.930994	2.584637	3.278854
protein_co	BCL2-assoc	542	401	452	175	172	216	14.48113	13.73906	14.57101	7.257245
protein_co	RAB23_me	1057	781	834	231	270	280	16.59838	15.72718	15.80173	5.63032
protein_co	translocatc	0	1	2	20	10	4	0	0.062766	0.118112	1.519411
protein_co	G_protein-(	19	20	17	103	110	65	0.405328	0.547132	0.437572	3.410518
protein_co	KH_domair	0	3	1	69	76	51	0	0.087653	0.027491	2.440139
protein_co	F-box_and_	247	220	201	139	176	92	3.718085	4.246727	3.650618	3.247638
protein_co	cyclin_C	720	575	571	1051	1126	1438	13.65176	13.98085	13.06292	30.93068
protein_co	PR_domair	1	0	0	1	0	4	0.014499	0	0	0.022505
protein_co	E2F_transc	862	656	794	797	1042	1269	8.520066	8.314744	9.469003	12.22713
protein_co	protein_tyr	2254	1738	1729	1386	1770	1446	20.77243	20.53962	19.22544	19.82563
protein_co	single-minc	0	0	0	1	1	10	0	0	0	0.008633
protein_co	activating_	1439	1168	1198	1316	1415	1101	8.283174	8.621606	8.320336	11.7577
protein_co	hepatoma_	0	0	0	4	4	0	0	0	0	0.143126
protein_co	blood_vess	579	500	481	43	69	42	4.876831	5.400557	4.888237	0.562158
protein_co	collagen_ty	2	1	0	145	130	95	0.019698	0.01263	0	2.216566
protein_co	mediator_c	708	507	613	297	327	246	6.329482	5.812356	6.612161	4.121182
protein_co	WAS_prote	553	462	431	324	384	368	8.052851	8.627319	7.572684	7.323185
protein_co	glycosylph	30	22	26	74	75	88	0.403182	0.37915	0.4216	1.543624
protein_co	aldehyde_d	193	157	178	82	102	72	1.724423	1.798853	1.91891	1.137184
protein_co	absent_in_	2294	2113	2156	493	575	285	14.25844	16.84176	16.16872	4.756156

protein_co	vanin_1	2	6	1	0	0	0	0.030193	0.116155	0.018215	0
protein_co	vanin_2	0	0	1	0	0	0	0	0	0.026712	0
protein_co	acyl-CoA_th	514	421	415	786	917	651	5.488834	5.765121	5.347036	13.02777
protein_co	small_ArfG	165	146	103	196	220	146	2.321288	2.633948	1.748358	4.27988
protein_co	ribosomal_	9093	7712	7928	12938	12918	13415	667.2471	725.6979	701.9258	1473.592
protein_co	chromosor	3075	2291	2431	1711	2270	2482	34.87828	33.32302	33.26924	30.12246
protein_co	beta-13-glu	5	2	9	10	2	14	0.035712	0.018318	0.07756	0.11086
protein_co	geminin_D	539	426	438	905	1167	1245	20.02672	20.29738	19.63556	52.19154
protein_co	eyes_absen	105	107	79	2	1	1	0.863915	1.12895	0.784254	0.025541
protein_co	sine_oculis	1226	861	909	261	364	142	10.98971	9.897105	9.831224	3.631338
protein_co	nuclear_rec	1	0	0	0	0	1	0.014598	0	0	0
protein_co	sorting_nex	2515	2022	2079	940	1315	974	67.19567	69.27775	67.02021	38.98177
protein_co	HBS1-like_(	1259	984	1098	1072	1098	1114	8.241593	8.260187	8.672331	10.89208
protein_co	tripartite_r	575	473	488	86	82	43	8.283183	8.737755	8.48198	1.922907
protein_co	peroxisoma	110	85	78	115	149	109	3.351463	3.321009	2.867375	5.438387
protein_co	zinc_finger_	236	173	209	381	513	555	2.005081	1.884844	2.142468	5.024299
protein_co	FIG4_homo	294	216	230	478	531	355	4.578434	4.313529	4.321609	11.55388
protein_co	PERP_TP53	761	640	714	1019	1262	1223	17.76172	19.15534	20.10697	36.91519
protein_co	KIAA1244	549	458	491	1253	1499	1089	1.730364	1.851142	1.867216	6.129804
protein_co	solute_carr	2	0	0	289	294	397	0.037392	0	0	8.386508
protein_co	headcase_h	397	291	339	224	246	60	3.315878	3.11681	3.416298	2.903932
protein_co	G_protein-r	825	639	768	143	203	116	5.505873	5.468679	6.184171	1.481285
protein_co	phosphatas	542	470	494	386	460	796	2.666498	2.965167	2.932358	2.94754
protein_co	epilepsy_pr	79	53	60	55	64	120	1.019629	0.877203	0.93436	1.101814
protein_co	solute_carr	5777	4548	4756	2317	2910	2445	112.4465	113.5203	111.6949	70.00033
protein_co	chemokine	0	0	0	0	1	0	0	0	0	0
protein_co	unc-93_ho	0	0	0	5	12	7	0	0	0	0.171975
protein_co	solute_carr	1	0	0	7	6	26	0.012548	0	0	0.136328
protein_co	PHD_finger	938	706	726	752	933	517	18.87675	18.21959	17.62825	23.48945
protein_co	cutA_divale	1791	1392	1484	1675	1987	1948	60.94341	60.74069	60.92747	88.46601
protein_co	PARK2_co-r	11	16	10	1	0	2	0.318586	0.594241	0.349447	0.044954
protein_co	QKI_KH_do	3904	3227	3437	1942	2669	1797	19.34467	20.505	20.54845	14.93589
protein_co	chromosor	1	1	2	6	6	5	0.025511	0.032715	0.061562	0.237584
protein_co	phosphodi	568	410	474	120	157	112	3.234973	2.994439	3.257232	1.060801
protein_co	MyoD_fami	9813	7161	7887	1930	2532	1560	282.4627	264.3275	273.9171	86.22776
protein_co	transcriptio	422	358	366	21	37	22	7.625274	8.295363	7.979435	0.588969
protein_co	SPARC_rela	3	7	2	59	76	31	0.044657	0.133622	0.035921	1.363177
protein_co	cyclin_D3	1613	1205	1209	776	1012	737	31.59298	30.26583	28.57134	23.59111
protein_co	bystin-like	615	501	531	690	911	1213	14.2126	14.84723	14.80611	24.75015
protein_co	family_witl	962	764	762	350	396	306	8.750378	8.911574	8.362858	4.941403
protein_co	TATA_box_l	324	267	266	304	391	385	7.983377	8.436498	7.908084	11.62641
protein_co	guanylate_(	17	6	24	45	46	11	0.7162	0.32415	1.219957	2.94258
protein_co	peripherin_	194	133	146	31	29	30	3.05873	2.689059	2.777412	0.758633
protein_co	GLTSCR1-lil	237	203	191	213	253	189	1.701828	1.869272	1.654812	2.373981
protein_co	protein_ph	1591	1369	1324	1334	1467	1139	24.50789	27.04261	24.60774	31.89496
protein_co	mitochond	488	382	447	853	983	656	14.40953	14.46447	15.92522	39.09394
protein_co	protein_tyr	13215	9775	10879	4761	5808	3853	117.3138	111.2777	116.525	65.60103
protein_co	serum_resp	1702	1218	1325	2005	2335	2145	19.00162	17.43764	17.84822	34.74369
protein_co	cullin_9	751	582	670	196	256	109	4.320786	4.293931	4.650992	1.750287
protein_co	nudix_(nuc	307	201	243	241	460	243	10.55369	8.860769	10.07907	12.85919
protein_co	2'-deoxynu	543	436	458	665	937	464	30.52911	31.43476	31.06904	58.03186
protein_co	dual_specif	442	416	342	678	817	558	5.419819	6.541317	5.059839	12.90395
protein_co	exocyst_co	656	527	564	1127	1257	1068	6.91388	7.12259	7.17208	18.43624
protein_co	cytochrom	2314	1864	1915	1704	1651	1513	118.7128	122.6279	118.5362	135.6858
protein_co	transmemb	3642	2927	3174	1221	1593	1172	37.17315	38.31082	39.08808	19.34352
protein_co	GDP-mann	238	198	190	491	477	456	6.369763	6.795491	6.135471	20.39662
protein_co	SUMO1/sen	1419	1087	1255	1030	1117	1147	10.01308	9.836131	10.68507	11.28114
protein_co	interphoto	7	5	4	15	13	5	0.05664	0.051881	0.039051	0.188386
protein_co	vascular_en	1059	823	872	752	870	561	4.081247	4.067299	4.054725	4.498267
protein_co	PRP4_pre-r	1297	1134	1190	1018	1093	1614	8.976583	10.06453	9.937247	10.93577
protein_co	TTK_protei	444	352	363	746	497	879	5.589038	5.682064	5.513264	14.5755
protein_co	solute_carr	2057	1422	1634	3766	3885	3775	38.81399	34.40828	37.20096	110.2973
protein_co	WNT1_indu	1	0	0	2	4	4	0.018666	0	0	0.057946
protein_co	butyrophili	978	764	797	179	226	243	14.73127	14.7572	14.48464	4.184897
protein_co	laminin_alp	1318	1011	1135	26	27	25	9.439597	9.285356	9.808034	0.289029

protein_co	family_witl	737	541	631	107	148	71	6.101332	5.74333	6.302815	1.374901
protein_co	chloride_in	6	2	4	4	3	6	0.103701	0.044327	0.083414	0.107305
protein_co	fibrosin-lik	2283	1653	1886	2233	3250	3037	19.22592	17.85103	19.16333	29.18773
protein_co	ectonucleo	1	1	0	108	119	87	0.01223	0.015683	0	2.050135
protein_co	lymphocyt	1	0	2	0	1	0	0.039173	0	0.094529	0
protein_co	protease_s	6	5	4	224	288	134	0.08248	0.088141	0.066345	4.779442
protein_co	meprin_A_	4	3	3	1	0	0	0.064855	0.062375	0.058688	0.025166
protein_co	T-box_18	1246	940	1000	0	1	3	13.2543	12.8226	12.83473	0
protein_co	erbb2_inte	2083	1680	1739	488	482	481	11.29547	11.68244	11.37791	4.107383
protein_co	protocadhe	1642	1204	1377	573	698	564	28.14087	26.46063	28.47386	15.24226
protein_co	histidyl-tR	599	524	528	284	353	304	11.31177	12.68949	12.03055	8.324391
protein_co	nudix_(nuc	151	130	140	250	250	217	2.027604	2.238509	2.268205	5.210467
protein_co	centrosom	165	136	136	299	362	295	3.178658	3.359759	3.161162	8.940493
protein_co	mannosida	1625	1251	1400	1625	1682	1220	13.60891	13.43497	14.1464	21.12291
protein_co	sema_dom	1771	1267	1387	592	761	436	7.060213	6.477168	6.671504	3.663122
protein_co	complemer	3	3	3	1	0	7	0.033044	0.042375	0.03987	0.017097
protein_co	PAP_associ	1115	930	1019	699	784	518	13.54115	14.48348	14.93148	13.17614
protein_co	growth_ho	32	23	29	13	19	7	0.329053	0.303286	0.3598	0.207486
protein_co	3-hydroxy-	12115	10091	10684	3448	3388	6465	162.0287	173.0661	172.4052	71.5758
protein_co	death-assoc	5952	4475	4644	820	1022	884	119.32	115.041	112.3286	25.51494
protein_co	NME/NM23	7	1	5	1	4	6	0.27513	0.050402	0.237114	0.061006
protein_co	bromodom	1104	896	979	872	999	1262	11.79731	12.2781	12.62247	14.46308
protein_co	kinesin_fan	1627	1300	1325	2019	2097	1570	23.8332	24.4201	23.41848	45.90516
protein_co	nicotinami	1383	1134	1158	545	562	424	10.00291	10.51784	10.10557	6.118308
protein_co	mitochond	868	726	804	1012	1248	1125	9.397491	10.07948	10.50259	17.00604
protein_co	heat_shock	3889	3154	3094	5313	6265	7750	54.90975	57.10611	52.7084	116.4345
protein_co	mitochond	1001	845	882	1416	1592	1621	10.58329	11.45652	11.25132	23.23702
protein_co	prefoldin_s	849	623	719	466	461	504	29.44499	27.70774	30.08712	25.08535
protein_co	heparin-bir	695	514	573	29	65	25	13.65824	12.95336	13.58666	0.884583
protein_co	solute_carr	1	1	1	3	3	4	0.014026	0.017987	0.016924	0.065312
protein_co	lysyl_oxida	4048	2896	3224	19	26	36	37.20321	34.13091	35.75057	0.271034
protein_co	granzyme_I	1	1	1	0	0	0	0.031074	0.039847	0.037492	0
protein_co	cadherin_9	2	0	0	2	3	17	0.030458	0	0	0.047275
protein_co	amyloid_be	241	191	246	123	169	117	4.03445	4.100247	4.968788	3.195971
protein_co	transmemb	138	96	117	277	313	247	3.313273	2.955689	3.389316	10.32258
protein_co	secreted_p	84340	63763	67017	3531	3838	3852	1068.55	1035.951	1024.458	69.43677
protein_co	IK_cytokine	1895	1524	1676	1392	1350	1585	45.24266	46.65876	48.2793	51.58324
protein_co	3-hydroxy-	6251	4990	5366	2780	2662	5063	63.92792	65.44115	66.21247	44.12821
protein_co	collagen_ty	625	551	551	1023	1201	1160	5.186031	5.862948	5.516387	13.17532
protein_co	Fas_associa	1600	1307	1354	712	816	1169	16.61662	17.40634	16.96639	11.47712
protein_co	heart_and_	0	0	0	1	0	26	0	0	0	0.041876
protein_co	protocadhe	142	114	107	80	92	54	2.09845	2.160352	1.907841	1.834978
protein_co	protocadhe	133	105	136	179	230	192	2.147511	2.174115	2.649542	4.486083
protein_co	protocadhe	24	20	10	5	5	3	0.371406	0.396896	0.186718	0.120099
protein_co	protocadhe	30	23	20	18	5	10	0.378654	0.372271	0.304579	0.352634
protein_co	phosphodi	73	74	79	46	72	34	0.57471	0.747079	0.750414	0.562101
protein_co	CDC-like_ki	135	130	154	110	118	125	1.700739	2.100181	2.340846	2.150934
protein_co	protocadhe	434	392	320	199	295	147	7.670662	8.884614	6.824034	5.459171
protein_co	glutamate_	2	0	0	14	11	11	0.015266	0	0	0.165866
protein_co	IL2-inducib	1	1	0	2	0	4	0.007989	0.010245	0	0.024801
protein_co	ring_finger	641	447	562	1459	1695	1244	3.022273	2.702667	3.197128	10.6773
protein_co	tRNA-histic	169	123	137	181	206	142	2.550503	2.38042	2.494639	4.239827
protein_co	arylsulfatas	1447	1170	1185	243	295	313	12.73697	13.20666	12.58532	3.319972
protein_co	clathrin_in	2927	2230	2453	1165	1308	1542	34.42365	33.63166	34.80805	21.26623
protein_co	thrombosp	276	173	218	253	267	139	4.01665	3.228571	3.82789	5.714863
protein_co	CCR4-NOT_	1460	1128	1156	858	1103	1011	10.8614	10.76097	10.37622	9.907198
protein_co	interleukin	0	0	1	0	0	0	0	0	0.020491	0
protein_co	butyrophili	0	0	0	17	18	10	0	0	0	0.555073
protein_co	tetratricop	772	586	652	688	772	1007	24.67559	24.01913	25.14467	34.13259
protein_co	mutS_hom	319	261	266	290	274	262	3.655405	3.835258	3.677684	5.157904
protein_co	Ras_protein	70	46	79	132	183	458	0.401898	0.338676	0.547259	1.176311
protein_co	gamma-am	0	0	0	23	25	27	0	0	0	0.412706
protein_co	cyclin_G1	1488	1338	1323	3275	2999	2705	28.38582	32.73135	30.45134	96.97065
protein_co	polymerase	80	66	80	2139	2195	2499	1.141918	1.208087	1.37779	47.38995
protein_co	drosha_rib	1815	1448	1576	1666	1900	1785	16.04248	16.41243	16.80735	22.85601

protein_co	cadherin_6	52	51	46	31	32	180	0.287669	0.3618	0.30704	0.266184
protein_co	lamin_B1	3490	2702	2815	3995	5146	4943	47.09242	46.75416	45.83023	83.67059
protein_co	arrestin_dc	429	370	375	118	123	221	4.803204	5.312327	5.065858	2.050625
protein_co	golgi_phos	2104	1625	1756	1524	2024	1682	36.25748	35.90993	36.51106	40.76311
protein_co	SUB1_hom	1994	1644	1745	1421	1603	1989	21.88128	23.13442	23.1042	24.20316
protein_co	natriuretic_	2228	1911	2135	2	0	0	14.23892	15.66145	16.46296	0.019839
protein_co	family_witl	711	617	585	138	166	139	7.731633	8.603916	7.67548	2.329224
protein_co	solute_carr	47	37	37	42	50	44	0.684632	0.691147	0.650293	0.949597
protein_co	threonyl-tF	3125	2480	2841	2686	3349	4936	33.96646	34.56697	37.258	45.31445
protein_co	iroquois_h	1	0	0	556	782	658	0.018475	0	0	15.94388
protein_co	leucyl/cyst	696	566	577	102	136	93	2.559242	2.668873	2.559917	0.582147
protein_co	phosphodi	665	584	598	47	46	114	3.787884	4.265768	4.109834	0.415531
protein_co	RAD1_hom	514	417	457	408	556	564	4.177031	4.345602	4.480937	5.146301
protein_co	BRX1_biog	323	233	294	425	470	671	6.363645	5.886657	6.988739	12.99639
protein_co	alanine--gly	0	0	0	0	1	0	0	0	0	0
protein_co	prolactin_r	59	54	85	30	36	48	0.236859	0.277997	0.411722	0.186934
protein_co	solute_carr	1140	789	879	1082	1382	1041	10.13934	8.99894	9.432828	14.93698
protein_co	interleukin	1	0	0	0	0	0	0.07612	0	0	0
protein_co	RAD50_hor	564	422	443	723	557	676	4.008787	3.846411	3.799143	7.976322
protein_co	interleukin	0	0	0	1	1	1	0	0	0	0.08042
protein_co	ST8_alpha-l	181	158	138	16	10	12	2.36739	2.650072	2.177802	0.324819
protein_co	glucosamir	850	735	725	988	1184	1158	13.37467	14.83067	13.76417	24.12968
protein_co	protocadhe	19	9	22	19	28	15	0.135768	0.08247	0.189677	0.210731
protein_co	S-phase_kir	2917	2516	2501	2169	2142	2338	67.27899	74.41543	69.59928	77.64849
protein_co	nucleopori	1288	1094	1127	2306	2448	2526	7.416719	8.078349	7.830111	20.61037
protein_co	protein_ph	1537	1319	1289	1378	1571	2140	15.50225	17.05984	15.68635	21.5725
protein_co	fibroblast_	1237	1128	1120	3	5	4	15.8478	18.53181	17.31272	0.059656
protein_co	nuclear_rec	792	680	685	137	179	295	5.097021	5.611894	5.318998	1.368492
protein_co	chromosor	1348	1042	1160	436	553	498	26.89691	26.66181	27.92663	13.50298
protein_co	peptidylpr	543	428	498	366	435	571	11.75498	11.8816	13.00766	12.29797
protein_co	leukemia_i	586	472	514	308	282	216	2.723516	2.81309	2.882328	2.221843
protein_co	tripartite_r	245	192	194	114	80	165	2.744399	2.757984	2.621989	1.982059
protein_co	trafficking_	292	241	275	159	201	200	2.284265	2.417631	2.59564	1.930595
protein_co	complemer	2	0	1	0	0	0	0.034567	0	0.020853	0
protein_co	SEC24_fam	1076	926	986	496	580	522	8.009789	8.839529	8.855921	5.730875
protein_co	thioredoxi	1314	988	1011	409	503	378	17.36569	16.74415	16.12115	8.38978
protein_co	tetratricop	147	175	162	87	76	44	2.63891	4.028604	3.508894	2.424136
protein_co	arginyl-tRN	2009	1586	1626	1072	1265	1721	43.89657	44.43889	42.86662	36.35599
protein_co	WW_and_C	71	49	62	957	1234	908	0.466927	0.413234	0.491961	9.768621
protein_co	H2A_histor	3014	2472	2586	856	921	1489	12.86892	13.53495	13.32219	5.672875
protein_co	transcriptic	2289	1682	1864	1915	2220	2283	23.06215	21.73148	22.65938	29.947
protein_co	dihydropyr	10797	8521	9107	12631	13439	12422	92.4528	93.56574	94.08932	167.8747
protein_co	SMAD_fami	1425	1281	1299	919	1085	762	9.530491	10.98649	10.48233	9.539957
protein_co	casein_kina	2392	1979	2194	1815	2274	1772	18.48705	19.61379	20.45931	21.77276
protein_co	HMG_box_	1885	1503	1595	745	838	724	16.75596	17.13272	17.10672	10.27885
protein_co	endoplasm	3834	2871	3025	2377	2895	2347	31.6118	30.35566	30.09335	30.41983
protein_co	platelet-de	5162	3877	4171	100	132	122	42.33799	40.77719	41.27627	1.273042
protein_co	caudal_typ	1	2	2	1	0	3	0.026688	0.068446	0.0644	0.041423
protein_co	ATPase_H+_	917	722	849	356	476	551	30.00568	30.29568	33.51891	18.08068
protein_co	BCL2/aden	162	127	150	111	152	120	5.673027	5.703125	6.337809	6.033277
protein_co	stanniocalc	127	107	112	935	1114	907	1.112466	1.201922	1.183721	12.71233
protein_co	cytoplasmi	267	194	256	175	257	262	1.320219	1.230115	1.527294	1.343084
protein_co	histamine_	744	596	622	97	136	103	11.27178	11.57911	11.36994	2.280982
protein_co	drebrin_1	13181	9773	10233	7346	9654	11687	201.1905	191.2918	188.4561	174.0366
protein_co	zinc_finger_	410	269	273	249	340	241	6.930392	5.830899	5.567813	6.532866
protein_co	unc-5_hom	10	3	16	273	334	113	0.123006	0.047321	0.237463	5.212195
protein_co	enoyl-CoA_	54	34	34	27	27	33	0.657678	0.531016	0.499628	0.510404
protein_co	contactin_	196	127	132	3	1	3	1.857406	1.543348	1.50929	0.044127
protein_co	structural_	3404	2595	2952	1798	1504	2002	29.17449	28.52071	30.52657	23.91849
protein_co	Selenoprot	645	519	512	331	389	446	18.52055	19.11045	17.73831	14.75206
protein_co	ARP8_actin	588	454	518	348	389	363	7.597501	7.522438	8.075534	6.97916
protein_co	TBCC_dom	235	243	222	145	141	113	3.603386	4.778136	4.107182	3.450972
protein_co	translocase	911	733	804	745	982	912	17.84328	18.41067	19.00029	22.64869
protein_co	cereblon	317	269	253	252	237	329	2.641104	2.874008	2.543284	3.258797
protein_co	histidine-ri	0	0	0	0	1	0	0	0	0	0

protein_co	B-cell_CLL/	615	476	546	135	180	55	6.902193	6.850594	7.393544	2.351669
protein_co	homogenti	11	15	15	3	3	4	0.257252	0.449849	0.423258	0.108897
protein_co	claudin_16	1	0	1	3	0	2	0.014326	0	0.017286	0.066709
protein_co	ADP-ribosy	81	59	72	33	22	31	2.22762	2.080738	2.389112	1.408641
protein_co	nephronop	785	627	658	197	202	145	4.728759	4.843446	4.782462	1.841935
protein_co	CD86_mole	1	1	2	6	10	4	0.017315	0.022205	0.041784	0.161255
protein_co	angiomotir	1477	1006	1134	2012	2186	2131	15.31886	13.37991	14.1908	32.38951
protein_co	nitrilase_fa	318	243	280	202	248	206	9.009683	8.828725	9.571687	8.883094
protein_co	family_witl	300	242	252	1073	686	706	4.60911	4.767828	4.671372	25.58739
protein_co	8-oxoguani	594	428	481	227	302	339	5.596277	5.170897	5.467715	3.319473
protein_co	karyopheri	1640	1272	1284	940	1198	1070	11.2591	11.1984	10.63586	10.01655
protein_co	propionyl_	903	655	691	1258	1442	993	6.952658	6.467162	6.419322	15.03399
protein_co	ubiquitin_p	1541	1264	1333	1187	1631	1414	13.95202	14.67543	14.56172	16.68075
protein_co	armadillo_	405	369	404	430	457	634	3.964605	4.632128	4.771713	6.533469
protein_co	centrosom	141	120	140	349	314	306	2.420019	2.641133	2.899184	9.297273
protein_co	retinol_bin	1	0	2	4	3	0	0.067565	0	0.163042	0.41948
protein_co	retinol_bin	863	671	687	410	491	523	20.91271	20.85121	20.0865	15.42104
protein_co	solute_carr	965	821	839	993	1019	877	9.756116	10.64393	10.23434	15.58222
protein_co	G_protein-	0	1	1	2	3	1	0	0.018564	0.017467	0.04494
protein_co	ring_finger	1254	972	993	868	1004	905	21.28125	21.15315	20.33278	22.86387
protein_co	transcriptic	735	582	596	822	974	1128	3.477365	3.53098	3.402179	6.036222
protein_co	5'-3'_exorib	828	679	771	282	249	184	3.827757	4.025252	4.300475	2.023455
protein_co	K(lysine)_ac	254	164	223	17	17	26	2.464321	2.040407	2.610457	0.256002
protein_co	butyrylcho	99	78	80	26	28	53	1.837005	1.856005	1.791073	0.748823
protein_co	serpin_pep	0	0	0	1	0	0	0	0	0	0.039619
protein_co	programme	493	416	407	463	416	553	11.18373	12.10159	11.13993	16.30239
protein_co	leucine_ric	1	0	0	2	1	0	0.018607	0	0	0.057762
protein_co	wingless-ty	4825	3798	4124	227	268	260	37.44527	37.79758	38.61592	2.734362
protein_co	6-phospho	446	373	382	377	248	333	5.831831	6.254438	6.026727	7.651418
protein_co	collagen_ty	197	130	173	125	245	97	0.995832	0.842699	1.055149	0.980754
protein_co	fibroblast_	368	326	331	317	414	300	5.642749	6.410174	6.123771	7.544538
protein_co	protein_kir	1419	1160	1186	820	950	798	10.28233	10.77895	10.36912	9.222599
protein_co	hairy_and_	1391	1120	1157	315	409	464	41.33334	42.67768	41.48153	14.52829
protein_co	ubiquitin_s	1308	1075	1193	640	673	589	17.32057	18.2546	19.06088	13.15421
protein_co	ArfGAP_wit	1018	962	979	590	765	500	6.666765	8.078892	7.735673	5.997218
protein_co	epithelial_c	1076	836	905	1357	1124	1490	11.56398	11.52155	11.73524	22.6363
protein_co	guanine_nu	1	0	0	0	1	0	0.0194	0	0	0
protein_co	guanine_nu	14429	11352	11713	5107	6121	5067	174.106	175.6545	170.5272	95.64757
protein_co	TRK-fused_	2490	2059	2018	869	990	1027	35.69433	37.84997	34.90351	19.33526
protein_co	ubiquitin_s	977	856	855	755	669	596	4.564722	5.128647	4.819854	5.475164
protein_co	hyaluronog	39	36	38	83	84	57	0.726544	0.860021	0.85414	2.39997
protein_co	tumor_sup	628	463	495	681	895	786	17.41392	16.46369	16.56113	29.3099
protein_co	nitrogen_p	215	177	189	201	219	182	3.238469	3.41888	3.434876	4.699242
protein_co	ribosomal_	8474	6562	6810	12265	12081	11578	213.972	212.478	207.474	480.6916
protein_co	cytochrom	213	155	186	57	89	116	6.515051	6.07966	6.864347	2.706098
protein_co	chromosor	154	137	128	34	55	71	2.048528	2.336959	2.054373	0.70199
protein_co	fragile_X_m	2295	1881	2014	3505	3528	2796	32.83875	34.51454	34.77054	77.84352
protein_co	Cbl_proto-	1440	1102	1182	256	253	146	9.958942	9.773309	9.863163	2.748028
protein_co	bobby_sox	1806	1350	1506	1558	1552	1153	9.48302	9.090171	9.541177	12.69775
protein_co	intraflagell	710	628	654	271	278	328	10.39398	11.78942	11.55179	6.157767
protein_co	guanine_nu	1903	1567	1632	582	743	428	26.86893	28.37199	27.80224	12.75455
protein_co	HERV-H_LTI	1	0	0	1	2	0	0.017588	0	0	0.027299
protein_co	IQ_motif_c	143	112	100	76	79	101	2.063161	2.072165	1.740785	1.701928
protein_co	glucan_(14	578	454	482	171	121	146	7.830809	7.887584	7.87905	3.595882
protein_co	uridine_mo	462	348	415	548	693	981	8.150184	7.872524	8.833271	15.00502
protein_co	nuclear_ca	1792	1495	1554	1298	1618	1867	20.19392	21.60395	21.12914	22.70324
protein_co	sorting_ne	452	327	378	277	289	277	8.457417	7.846147	8.533735	8.044695
protein_co	chromosor	104	69	85	151	172	231	1.310199	1.114711	1.292025	2.952646
protein_co	FERM_dom	191	204	178	92	119	87	1.702337	2.331587	1.914168	1.272713
protein_co	solute_carr	524	447	500	428	428	391	6.418592	7.021426	7.389695	8.137345
protein_co	rhophilin_a	1	1	0	0	1	2	0.022873	0.029332	0	0
protein_co	plexin_A1	9367	6814	7463	3051	4041	2941	48.44681	45.19352	46.57214	24.49274
protein_co	ATPase_H+_	921	710	784	827	947	851	9.406601	9.299097	9.661337	13.11019
protein_co	ankyrin_rep	408	355	307	181	210	95	3.780108	4.217759	3.431867	2.602874
protein_co	podocalyxi	327	246	237	843	1128	694	7.014197	6.766665	6.133758	28.0665

protein_co	uroplakin_	3	0	0	4	3	6	0.066416	0	0	0.13745
protein_co	chondroiti	1	13	9	78	127	60	0.011269	0.18786	0.12237	1.364293
protein_co	kelch-like_f	769	587	650	325	425	639	7.804854	7.639868	7.959757	5.119791
protein_co	SREBF_chap	1493	1101	1187	2672	3345	2375	15.93236	15.06666	15.28337	44.25754
protein_co	EF-hand_an	1	0	0	34	69	13	0.017425	0	0	0.919552
protein_co	KIAA1257	0	0	0	76	87	17	0	0	0	0.916683
protein_co	NIMA-relat	76	78	80	27	28	27	1.222938	1.609514	1.553205	0.67435
protein_co	mitochond	1631	1368	1451	1920	2313	2655	44.82862	48.21662	48.11903	81.90927
protein_co	phospholip	1341	986	1009	19	20	23	19.03709	17.94974	17.28268	0.418655
protein_co	HemK_met	424	343	283	212	251	192	3.266201	3.38829	2.630338	2.534798
protein_co	cytokine_ir	125	108	94	25	31	50	1.162486	1.287985	1.05476	0.360868
protein_co	mitogen-ac	504	343	372	1143	1353	1151	7.90916	6.90245	7.043537	27.84047
protein_co	activin_A_r	89	61	89	582	587	397	0.777134	0.683039	0.937657	7.887867
protein_co	WD_repeat	695	511	559	703	788	746	6.616967	6.238848	6.421463	10.38867
protein_co	COMM_dor	546	466	485	434	533	568	6.908243	7.560843	7.403972	8.523053
protein_co	golgi_reass	1210	890	947	715	835	520	15.24366	14.37816	14.39468	13.98107
protein_co	peroxisoma	32	30	22	23	32	16	0.165215	0.198623	0.137047	0.184314
protein_co	ribosomal_	647	517	550	960	1096	1397	19.2255	19.70032	19.71897	44.27669
protein_co	ATP-bindin	841	656	675	732	966	649	6.660109	6.661906	6.449665	8.997604
protein_co	abhydrolas	250	196	225	191	183	102	5.242623	5.270769	5.692973	6.216879
protein_co	eukaryotic_	492	349	328	921	1054	1061	22.84147	20.77752	18.37304	66.36653
protein_co	ABHD14A-A	1	0	2	2	0	0	0.025539	0	0.061629	0.079281
protein_co	Rho_guanin	116	112	103	422	498	371	1.035257	1.281792	1.109112	5.845656
protein_co	kelch-like_f	301	211	272	523	471	208	3.667852	3.297138	3.9991	9.891849
protein_co	phospholip	360	279	283	225	250	244	2.632217	2.61597	2.496627	2.553478
protein_co	vasoactive_	0	1	0	32	57	36	0	0.015996	0	0.619567
protein_co	dynein_axo	212	147	184	22	58	33	0.74742	0.664592	0.782699	0.120388
protein_co	signal_sequ	7398	5457	6299	1719	2081	2502	93.35101	88.30148	95.90127	33.66751
protein_co	zinc_finger_	558	451	460	146	220	140	4.751158	4.924376	4.725755	1.929517
protein_co	troponin_C	48	31	36	14	9	9	3.095902	2.563994	2.801538	1.401537
protein_co	natural_kill	2613	2446	2455	1364	1362	1339	15.38468	18.46779	17.44009	12.46505
protein_co	chloride_ch	125	102	109	229	307	251	1.781536	1.864206	1.874386	5.065828
protein_co	forkhead_b	3347	2859	3072	218	261	280	22.06085	24.16518	24.43069	2.23025
protein_co	eukaryotic_	13424	9923	10999	8426	11596	15087	111.0732	105.2882	109.8066	108.2129
protein_co	signal_pept	823	601	720	653	726	792	30.2908	28.36578	31.9736	37.30393
protein_co	NIMA-relat	421	400	360	372	462	523	5.303788	6.462095	5.472107	7.274069
protein_co	solute_carr	609	511	567	223	278	197	6.41132	6.898591	7.202135	3.643892
protein_co	INO80_con	305	239	288	362	520	790	1.011705	1.016626	1.152642	1.863772
protein_co	eukaryotic_	4419	3727	3701	3927	3996	5049	188.7131	204.1018	190.6976	260.2972
protein_co	ADAM_met	324	252	274	315	363	404	2.401196	2.394928	2.450085	3.623461
protein_co	deoxyguan	559	404	430	452	586	452	22.91217	21.23465	21.26527	28.75566
protein_co	MOB_kinas	1419	1158	1231	728	963	776	28.01555	29.31802	29.32398	22.30892
protein_co	KAT8_regul	1254	1046	1013	871	938	855	11.19362	11.9733	10.91014	12.06762
protein_co	lectin_man	511	467	459	299	308	337	9.94224	11.65171	10.77517	9.029527
protein_co	rhotekin	1125	734	835	847	1239	887	19.93623	16.68	17.85357	23.29724
protein_co	tubulin_tyr	2068	1574	1686	668	877	699	18.7198	18.2711	18.41434	9.385503
protein_co	interleukin	0	1	2	4	3	4	0	0.02831	0.053273	0.137062
protein_co	chemokine	19	22	36	0	0	0	1.072094	1.591884	2.450924	0
protein_co	phosphoin	1635	1334	1363	876	913	678	7.743175	8.10152	7.788346	6.439259
protein_co	Kv_channel	154	108	120	40	77	26	1.974047	1.775292	1.855949	0.795843
protein_co	fumarylace	713	570	601	566	560	524	7.028081	7.204958	7.147757	8.659526
protein_co	nucleolin	13038	10700	11400	20917	23952	29870	151.5498	159.4915	159.8812	377.3761
protein_co	ARP1_actin	1295	1021	1117	639	799	672	27.13252	27.43187	28.23719	20.78029
protein_co	solute_carr	825	599	665	177	229	181	8.767966	8.163587	8.52736	2.91977
protein_co	zeta-chain_	0	0	0	1	1	5	0	0	0	0.022236
protein_co	ARP3_actin	4109	3361	3503	1383	1750	1827	28.67983	30.0828	29.50045	14.9828
protein_co	STEAP_fami	862	656	810	332	470	289	9.439326	9.211851	10.70205	5.642899
protein_co	erythrocyte	280	244	212	593	549	631	1.98087	2.213589	1.809597	6.51153
protein_co	transcriptio	0	0	0	156	206	99	0	0	0	1.221874
protein_co	Pre-mRNA_	837	605	700	807	833	725	50.97006	47.24484	51.43228	76.27701
protein_co	tumor_pro	2044	1526	1630	199	239	365	47.96957	45.92496	46.15519	7.248839
protein_co	DnaJ_(Hsp4	78	73	79	45	69	74	0.732657	0.879302	0.895326	0.656068
protein_co	proopiome	1	0	0	49	93	41	0.032882	0	0	2.500849
protein_co	signal_tran	704	674	649	114	137	157	5.790313	7.108838	6.440537	1.455341
protein_co	otoferlin	9	4	2	3	4	3	0.058973	0.033611	0.015812	0.030511

protein_co	glycerol-3-p	677	536	564	410	521	578	5.254849	5.335138	5.282004	4.939533
protein_co	centromere	249	184	219	352	384	239	8.041057	7.619754	8.533082	17.64359
protein_co	cytohesin_	2	2	3	3	4	6	0.041496	0.053212	0.0751	0.09661
protein_co	activin_A_r	958	745	827	229	278	233	14.75226	14.71156	15.3655	5.473423
protein_co	tetratricop	3102	2312	2570	294	379	326	19.17385	18.32588	19.16676	2.820625
protein_co	solute_carr	7	4	9	112	152	70	0.095194	0.069756	0.147674	2.364077
protein_co	MpV17_mi	861	706	725	519	550	545	20.07574	21.10971	20.39644	18.78305
protein_co	general_tra	1044	864	900	1381	1693	1898	12.26282	13.01406	12.755	25.17758
protein_co	eukaryotic_	672	603	544	571	703	662	7.339877	8.445904	7.16913	9.680239
protein_co	nuclear_rec	4290	3271	3562	2218	2502	2365	69.67723	68.12766	69.80324	55.91465
protein_co	integrin_be	9	10	9	2	1	1	0.09027	0.12862	0.108915	0.031136
protein_co	fibronectin	575	406	440	285	355	226	16.27143	14.73307	15.02307	12.51795
protein_co	integrin_al	1563	1212	1388	27	25	26	17.49561	17.39731	18.74595	0.469099
protein_co	proteasom	1437	1186	1243	899	928	1334	13.77934	14.58363	14.38105	13.38017
protein_co	sorting_nex	2699	2137	2231	1340	1447	1401	61.91593	62.86564	61.75144	47.71279
protein_co	GPR75-ASB	17	22	13	14	18	8	0.301031	0.499568	0.27775	0.384787
protein_co	protein_ph	3202	2514	2687	4209	5132	5528	40.01648	40.28953	40.51663	81.64451
protein_co	phosphodi	2	0	4	1	1	0	0.019198	0	0.046326	0.014899
protein_co	receptor_a	139	122	110	449	529	249	4.740154	5.335153	4.52604	23.76591
protein_co	proprotein	56	44	64	177	222	84	0.919734	0.926694	1.268242	4.512093
protein_co	glucagon	4	2	0	0	0	0	0.146531	0.093953	0	0
protein_co	adenomatc	232	169	151	140	211	47	0.933775	0.872269	0.733296	0.874607
protein_co	interferon_	24	19	37	24	23	16	0.313035	0.317793	0.582279	0.485873
protein_co	ribosomal_	8783	6601	6957	10976	13447	10429	255.7982	246.5322	244.4694	496.1684
protein_co	grancalcin_	50	36	50	314	370	317	1.176958	1.086683	1.420068	11.47232
protein_co	INO80_con	501	387	403	188	242	247	11.51564	11.40698	11.17644	6.707158
protein_co	mannosyl-c	2918	2167	2291	1306	1818	1280	47.26255	45.00907	44.77184	32.83261
protein_co	tetratricop	594	488	511	395	471	406	6.919918	7.290271	7.182629	7.142366
protein_co	NADH_deh	653	430	470	711	974	545	8.180385	6.907778	7.104058	13.82486
protein_co	polycomb_	246	155	187	66	85	140	6.436911	5.200959	5.903805	2.680506
protein_co	growth_fac	16	5	12	107	141	147	0.314962	0.126217	0.285015	3.269286
protein_co	CAP-GLY_d	298	236	263	5	6	4	3.254886	3.305528	3.465958	0.084766
protein_co	T-cell_leuke	4	2	4	3	2	2	0.087809	0.056301	0.105947	0.102219
protein_co	spectrin_be	16134	12953	13903	6847	7802	7003	83.36348	85.82493	86.6743	54.91166
protein_co	ancient_ub	1097	850	904	591	720	960	30.34711	30.15359	30.1736	25.37632
protein_co	reticulon_4	11691	8467	9115	4861	6114	5099	114.4449	106.2879	107.6588	73.85858
protein_co	HtrA_serine	295	223	252	156	231	188	5.843919	5.664953	6.023248	4.796641
protein_co	lysyl_oxida	6736	4922	5271	40	70	93	90.19165	84.51138	85.15405	0.831294
protein_co	docking_pr	2946	2152	2125	41	58	53	54.06575	50.64553	47.05399	1.167895
protein_co	UDP-N-acet	5	1	4	278	325	196	0.060613	0.015545	0.058506	5.230813
protein_co	polymerase	481	343	348	149	186	182	18.07219	16.52606	15.77586	8.689255
protein_co	tachykinin_	0	1	2	0	1	2	0	0.02594	0.048814	0
protein_co	coiled-coil_	3367	2753	2936	1426	970	1627	16.09201	16.87263	16.93056	10.57833
protein_co	acyl-CoA_d	1	0	0	2	3	2	0.018439	0	0	0.057239
protein_co	eva-1_hom	593	442	488	51	38	17	15.31999	14.64318	15.21149	2.045052
protein_co	mitochond	570	397	479	504	586	499	7.682469	6.861607	7.789499	10.54355
protein_co	LanC_lantil	1223	1051	1064	650	747	525	11.99466	13.21824	12.59074	9.894765
protein_co	WD_repeat	662	586	602	810	843	1118	7.223922	8.200154	7.926101	13.71926
protein_co	EGF_contai	319	260	317	603	670	542	4.946401	5.16989	5.930699	14.51264
protein_co	regeneratin	0	0	0	9	22	16	0	0	0	0.72699
protein_co	Fanconi_an	219	182	217	169	177	170	6.047652	6.445008	7.230203	7.24369
protein_co	fibronectin	750314	599965	629846	4855	5758	6525	3836.249	3933.679	3885.493	38.52862
protein_co	signal_tran	1858	1542	1656	904	1087	823	20.21384	21.51279	21.7376	15.26518
protein_co	glutaminas	3516	2772	3087	738	1001	1191	34.10536	34.48072	36.12921	11.11119
protein_co	poly(A)_pol	321	322	296	390	433	326	2.478053	3.187651	2.757055	4.673053
protein_co	dynein_axo	1	3	1	1	1	0	0.003665	0.014098	0.004422	0.005688
protein_co	peroxisoma	81	59	77	152	174	114	2.049699	1.914548	2.350952	5.970065
protein_co	unc-50_hor	375	283	295	266	313	267	8.095652	7.834591	7.684058	8.91318
protein_co	insulin-like	15294	10748	11519	13378	13450	8754	162.4685	146.4148	147.6423	220.5818
protein_co	ELMO/CED-	298	266	279	128	183	92	2.934935	3.359489	3.315389	1.956693
protein_co	insulin-like	30417	22887	25571	132	130	192	229.4857	221.4305	232.7743	1.545766
protein_co	ubiquitin_s	3832	3266	3360	1783	1393	1626	15.8213	17.29188	16.73802	11.42611
protein_co	EF-hand_do	156	113	121	459	575	267	3.238089	3.007821	3.030383	14.78793
protein_co	potassium_	0	0	1	6	2	1	0	0	0.019178	0.148027
protein_co	chaperonin	3507	2905	3181	4936	5480	4545	65.25527	69.31629	71.41535	142.556

protein_co	gamma-glu	1449	1126	1204	412	412	400	21.08741	21.0137	21.14119	9.306418
protein_co	sialidase_2	0	1	0	0	0	0	0	0.052607	0	0
protein_co	EH_domair	734	616	706	285	332	313	6.663557	7.171337	7.733264	4.015923
protein_co	orthodenti	1	2	0	1	5	4	0.016389	0.042034	0	0.025439
protein_co	thioredoxi	406	304	345	177	175	263	11.62941	11.16644	11.92337	7.869288
protein_co	coenzyme_	453	354	360	218	245	237	9.486904	9.506899	9.096553	7.086198
protein_co	granulysin	0	0	0	5	4	3	0	0	0	0.17708
protein_co	splicing_fa	5935	4985	5319	5382	5284	5397	64.18179	69.12985	69.40155	90.33692
protein_co	ST3_beta-g	906	663	679	47	70	21	12.18307	11.43277	11.01657	0.980972
protein_co	carbohydra	351	241	258	522	607	735	5.801338	5.107959	5.145041	13.39128
protein_co	phosducin-	428	373	414	379	400	483	15.01042	16.77518	17.51852	20.63092
protein_co	MOB_famil	216	171	185	375	405	374	2.540954	2.579577	2.625807	6.847071
protein_co	heat_shock	156	129	129	352	412	359	7.699834	8.164993	7.682358	26.96683
protein_co	lysine_(K)-s	592	462	450	929	622	516	3.175711	3.178122	2.912593	7.735092
protein_co	phospholip	430	365	386	54	90	156	4.635105	5.045374	5.020263	0.903473
protein_co	charged_m	795	612	632	147	174	178	11.75578	11.60499	11.27585	3.373898
protein_co	zinc_finger	701	545	614	431	532	846	5.447448	5.431014	5.756937	5.198557
protein_co	SET_and_M	0	0	0	0	0	1	0	0	0	0
protein_co	interleukin	171	136	135	5	9	6	1.55905	1.590055	1.485066	0.070756
protein_co	wingless-ty	0	2	0	1	0	0	0	0.070616	0	0.042736
protein_co	interleukin	1	1	1	0	0	0	0.017931	0.022994	0.021635	0
protein_co	interleukin	4	0	2	2	0	4	0.048666	0	0.029359	0.037768
protein_co	solute_carr	4	0	0	0	0	0	0.034669	0	0	0
protein_co	four_and_a	499	424	461	267	254	324	4.793714	5.223322	5.343435	3.981194
protein_co	melanophil	196	180	224	79	132	93	2.403987	2.831118	3.314913	1.503951
protein_co	cyclin_Pas1	748	531	611	504	508	525	16.91931	15.40228	16.67517	17.69465
protein_co	UDP-glucur	1265	890	949	617	675	785	20.4045	18.40919	18.46927	15.44724
protein_co	ATP-bindin	8	3	10	2	8	9	0.124377	0.059811	0.187585	0.048262
protein_co	serine/thre	445	316	334	337	350	316	7.275473	6.62518	6.58864	8.55188
protein_co	solute_carr	0	0	0	0	0	3	0	0	0	0
protein_co	high_densi	26382	21178	22793	6886	7914	7426	194.1388	199.8476	202.3737	78.65061
protein_co	protein_ph	951	773	863	651	715	714	18.68919	19.48044	20.46298	19.85736
protein_co	PAS_domai	564	501	530	1526	2067	1389	5.11132	5.822387	5.795326	21.4654
protein_co	serine/thre	3876	3025	3312	2976	3457	3468	39.34741	39.37922	40.56681	46.89168
protein_co	thyroid_pe	8	9	8	40	60	44	0.069583	0.100384	0.083955	0.54001
protein_co	protein_C_	4	8	8	7	14	9	0.10122	0.2596	0.244255	0.274937
protein_co	inhibitor_c	555	429	431	799	797	627	12.75059	12.63875	11.94711	28.49146
protein_co	TATA_box_	273	260	253	218	250	318	5.362788	6.549538	5.996482	6.646836
protein_co	hippocalci	753	572	595	330	445	259	7.385104	7.193943	7.040875	5.023496
protein_co	ornithine_c	1766	1326	1456	1415	1292	2933	31.21288	30.05357	31.04935	38.81772
protein_co	baculoviral	2684	2302	2454	1229	1338	1229	8.014571	8.814799	8.841386	5.696133
protein_co	nucleolar_p	401	316	341	392	415	533	5.641433	5.700875	5.788253	8.559761
protein_co	pleckstrin_	2030	1628	1790	2147	2607	2143	22.10047	22.72842	23.51292	36.28006
protein_co	golgi_reass	2701	2252	2315	1563	1756	1691	39.91489	42.67643	41.27712	35.85088
protein_co	striatin_cal	777	671	733	693	888	704	4.460522	4.939654	5.077111	6.174878
protein_co	CCAAT/enh	640	472	509	2474	2001	2724	8.665784	8.195571	8.315603	51.99458
protein_co	protein_kir	1477	1264	1333	912	904	801	11.3331	12.43725	12.34088	10.86159
protein_co	DDB1_and_	327	230	282	436	627	383	2.630926	2.373002	2.737524	5.444748
protein_co	glutaminyl-	88	98	82	30	29	43	2.372813	3.388568	2.667735	1.255546
protein_co	RAB3_GTPa	1079	907	927	674	755	692	10.29596	11.09844	10.67267	9.982415
protein_co	solute_carr	312	238	254	117	132	168	4.910938	4.803925	4.823826	2.858421
protein_co	regulator_c	35	31	51	17	14	15	0.719803	0.817554	1.265505	0.542656
protein_co	distal-less_	1342	973	1041	2	0	4	25.65283	23.85091	24.00942	0.059339
protein_co	lactase	8	4	3	1	0	6	0.059742	0.038305	0.027031	0.011591
protein_co	aspartyl-tR	552	427	431	1240	1281	1233	10.96285	10.87481	10.32785	38.22404
protein_co	serine/argi	2599	2052	2128	3385	4069	5754	42.65564	43.18738	42.13954	86.23018
protein_co	syndecan_1	7689	5604	6049	1478	2136	1311	109.5525	102.3906	103.9882	32.68567
protein_co	phospholip	127	66	84	2	0	0	0.893478	0.595434	0.71303	0.021839
protein_co	solute_carr	890	695	765	43	52	48	7.208864	7.218899	7.476293	0.5406
protein_co	son_of_sev	1086	955	1016	671	762	339	5.978931	6.742275	6.748939	5.733855
protein_co	kynurenina	9	1	2	2	1	6	0.233801	0.033313	0.062688	0.080642
protein_co	WAS/WASL	2264	1786	1829	99	164	98	23.14345	23.41221	22.55867	1.570787
protein_co	origin_recc	445	346	395	652	802	722	4.839067	4.824886	5.182589	11.00474
protein_co	cytochrom	1546	1202	1287	1299	1566	1316	23.72119	23.65053	23.82614	30.93618
protein_co	partner_of_	251	190	226	258	326	603	5.148466	4.997665	5.593204	8.213993

protein_co	origin_recc	316	248	245	581	463	538	4.793674	4.82439	4.484309	13.68006
protein_co	pleckstrin	6	4	4	6	1	1	0.098062	0.083834	0.078878	0.152206
protein_co	Rho_family	1817	1410	1449	1222	1012	1703	30.68029	30.53043	29.52031	32.02626
protein_co	activating_	831	663	667	268	216	247	9.330844	9.546469	9.036365	4.670734
protein_co	thyroid_ad	579	509	550	402	428	436	3.91257	4.410732	4.484296	4.216383
protein_co	AP2_associ	631	477	507	151	233	147	6.576484	6.375175	6.37559	2.442709
protein_co	trafficking_	1577	1192	1297	146	231	259	11.35876	11.00994	11.27165	1.632235
protein_co	chromosor	153	115	133	48	75	118	2.77961	2.679166	2.915359	1.353518
protein_co	TIA1_cytot	1657	1372	1463	1051	1131	1513	16.71977	17.75298	17.81148	16.46042
protein_co	prenylcyste	1787	1428	1467	902	1094	854	15.67679	16.06461	15.52783	12.28202
protein_co	KISS1_rece	0	0	1	86	84	62	0	0	0.033676	3.725633
protein_co	endothelial	628	479	547	63	73	72	5.70677	5.581816	5.997442	0.888591
protein_co	AT_rich_int	1408	1063	1130	3131	4403	2758	11.03479	10.68326	10.68533	38.08684
protein_co	SMT3_supp	1778	1407	1516	1999	2268	2385	54.27764	55.07983	55.83884	94.71798
protein_co	glutamate_	3	5	6	23	39	9	0.042874	0.091633	0.10346	0.510191
protein_co	ventral_ant	4	1	8	0	1	1	0.163522	0.052424	0.394598	0
protein_co	ATPase_H+_	4	2	2	1	0	0	0.098457	0.063128	0.059397	0.038205
protein_co	nuclear_fac	756	592	561	295	267	243	12.42511	12.47699	11.12473	7.525426
protein_co	mutS_hom	2019	1694	1773	4004	4653	4089	21.87406	23.53509	23.17661	67.33141
protein_co	pleckstrin_	297	214	239	131	182	125	5.002276	4.622046	4.856877	3.424624
protein_co	sepiapterin	271	198	243	80	107	83	8.585942	8.044392	9.289086	3.934043
protein_co	EPH_recept	939	639	714	136	96	140	6.938186	6.054671	6.365413	1.559731
protein_co	par-3_parti	141	96	87	53	35	46	0.808844	0.706198	0.602162	0.471902
protein_co	phenylalan	716	645	553	708	925	1133	9.965347	11.51194	9.286511	15.29478
protein_co	Alstrom_sy	1020	850	884	810	655	799	3.701271	3.955295	3.870356	4.562114
protein_co	B-cell_CLL/	1556	1178	1269	1733	2009	1475	11.62167	11.28272	11.43586	20.09038
protein_co	paired_rela	10392	8485	8952	0	0	18	113.7444	119.0946	118.2222	0
protein_co	24-dehydrc	12684	9882	10850	7697	7764	15284	139.9419	139.8124	144.4339	131.8085
protein_co	DnaJ_(Hsp4	492	375	421	242	313	330	3.662468	3.579723	3.781281	2.796112
protein_co	MAP/microt	27	15	27	427	549	280	0.242071	0.172456	0.292072	5.94206
protein_co	MORN_repe	50	45	64	73	120	79	1.229418	1.418899	1.898706	2.786012
protein_co	glutathione	971	647	717	188	212	158	37.07672	31.68076	33.03309	11.14218
protein_co	calcyclin_b	1336	1028	1086	1792	2320	2219	22.10482	21.81137	21.67996	46.02026
protein_co	sterol_carri	1240	975	1022	488	512	528	11.17287	11.26567	11.11072	6.824855
protein_co	tryptase_ga	1	4	2	53	86	117	0.04232	0.217075	0.102122	3.481344
protein_co	pappalysin_	22	17	22	34	31	48	0.106513	0.105545	0.128514	0.2555
protein_co	Ral_GEF_wi	406	394	383	797	912	641	3.263172	4.060874	3.714162	9.942664
protein_co	angiopoieti	34	25	18	3	4	5	0.476183	0.448998	0.304169	0.065215
protein_co	centrosom	773	626	578	425	636	461	5.642276	5.859473	5.090386	4.814978
protein_co	family_witl	1566	1355	1416	1125	1390	1102	12.27102	13.61562	13.38752	13.6827
protein_co	transcriptic	197	132	149	230	204	141	2.254658	1.937304	2.057542	4.085759
protein_co	transmemb	1145	863	879	1006	1188	969	21.7101	20.98343	20.10913	29.60634
protein_co	leucine_ric	801	569	569	530	637	429	18.43834	16.7962	15.80337	18.93633
protein_co	WD_repeat	405	340	372	461	601	452	3.118814	3.357551	3.456411	5.51018
protein_co	nephrosis_	0	0	0	0	0	2	0	0	0	0
protein_co	mitochond	2305	1745	1865	2239	2722	2499	68.31953	66.32522	66.69615	103.005
protein_co	isoprenylcy	2546	1975	2223	3061	4054	4672	25.02242	24.89129	26.36079	46.6944
protein_co	ribosomal_	4530	3610	3653	5498	6033	5748	93.20394	95.24729	90.68465	175.5785
protein_co	chromodor	4	0	0	159	193	75	0.019444	0	0	1.199667
protein_co	quiescin_Q	8250	6114	6340	3316	4280	3280	41.54684	39.48379	38.52311	25.91965
protein_co	syntaxin_bi	369	342	341	361	315	399	6.822719	8.108987	7.607353	10.36022
protein_co	PHD_finger	1136	937	972	1379	1632	1200	14.47081	15.30606	14.93925	27.26524
protein_co	ERBB_recep	3153	2649	2812	818	981	1249	47.63023	51.31567	51.25332	19.17973
protein_co	parkinson_	3550	2894	2930	2847	2861	3020	152.9959	159.9408	152.3587	190.4449
protein_co	KIAA1324	58	31	28	7	18	4	0.455853	0.312441	0.265524	0.085394
protein_co	opioid_rec	6	8	9	27	21	11	0.158591	0.27116	0.287023	1.107697
protein_co	adenosine_	1889	1535	1699	552	712	508	22.71743	23.67254	24.65293	10.30378
protein_co	serine/argi	2500	1965	2062	2861	3248	2910	49.10978	49.49939	48.87251	87.2321
protein_co	mitochond	569	456	419	559	673	542	11.04322	11.349	9.811729	16.83937
protein_co	potassium_	250	182	241	364	510	185	1.543044	1.440519	1.794747	3.487146
protein_co	ER_degrada	1624	1302	1356	253	282	187	11.03934	11.34952	11.12154	2.669366
protein_co	WD_repeat	328	247	300	330	339	611	5.970468	5.765551	6.588762	9.323499
protein_co	ATP_syntha	1519	1250	1360	1678	1648	2114	22.56842	23.81567	24.37981	38.69598
protein_co	RAP1A_me	788	641	698	361	422	446	7.354565	7.671815	7.860211	5.2296
protein_co	histone_de	1732	1440	1578	1579	1834	1549	33.71254	35.94309	37.05942	47.70415

protein_co	capping_pr	2530	1977	2077	1180	1194	1532	39.28203	39.36311	38.90971	28.43714
protein_co	S100P_bin	670	571	571	603	748	567	7.275663	7.951393	7.481383	10.16355
protein_co	ring_finger	455	363	346	522	632	221	8.21207	8.401507	7.53469	14.62319
protein_co	secretory_c	1291	1056	1090	636	814	693	39.38517	41.31234	40.12186	30.11578
protein_co	tripartite_r	566	418	481	259	302	250	7.721778	7.312847	7.917608	5.484425
protein_co	ash1_(absei	1745	1422	1582	545	572	417	6.851707	7.159987	7.494762	3.32147
protein_co	discs_large	8	4	1	350	504	404	0.097282	0.062375	0.014672	6.60605
protein_co	splicing_fa	9428	7224	7864	7024	10164	12822	117.9821	115.9268	118.7376	136.4306
protein_co	ras_homol	573	395	394	253	311	81	6.145467	5.432587	5.098524	4.21164
protein_co	gon-4-like_	1266	1108	1201	758	842	851	7.696456	8.63786	8.809436	7.152481
protein_co	Rho/Rac_gu	2905	2087	2151	1361	1696	1067	30.71375	28.29558	27.43944	22.33446
protein_co	late_endos	650	500	510	406	515	403	35.11349	34.63698	33.24137	34.04217
protein_co	myocyte_e	1962	1573	1587	575	647	485	15.423	15.85652	15.05202	7.015656
protein_co	dedicator_	1947	1651	1635	512	514	548	12.84035	13.96263	13.00998	5.240965
protein_co	spermidine	3246	2411	2573	2195	2421	3073	120.2251	114.5126	114.9832	126.1861
protein_co	deleted_in_	2	4	7	2	2	2	0.1334	0.342133	0.563341	0.207055
protein_co	F-box_prot	74	51	51	1162	1569	875	2.22427	1.965782	1.849584	54.21162
protein_co	F-box_prot	99	81	62	61	86	106	3.054021	3.204285	2.307685	2.920768
protein_co	chromosor	336	271	255	357	508	287	1.534832	1.58745	1.405431	2.531163
protein_co	SWT1_RNA	160	105	124	100	83	69	1.958852	1.648467	1.831687	1.900256
protein_co	MAD2_mit	1672	1250	1425	4947	5628	5483	42.1506	40.40981	43.34414	193.5708
protein_co	DnaJ_(Hsp4	31	26	35	156	170	76	0.253106	0.272223	0.344792	1.976954
protein_co	leptin_rece	395	330	328	124	99	44	2.251314	2.411916	2.255593	1.096961
protein_co	influenza_v	3520	3064	3148	3231	4152	3335	39.30766	43.87656	42.41479	56.0018
protein_co	KIAA2013	2593	2018	2088	1918	2671	1883	43.19212	43.10548	41.96435	49.58851
protein_co	mitofusin_	2693	2095	2262	1819	2337	2498	27.81996	27.75323	28.19427	29.16644
protein_co	proteoglyc	2407	1783	1815	13	13	17	22.37595	21.25524	20.35776	0.187577
protein_co	migration_	930	715	767	1118	1405	993	25.51651	25.1567	25.39111	47.61136
protein_co	smg-7_hom	1228	1011	1038	1239	1397	1322	9.645049	10.18278	9.836746	15.10455
protein_co	neutrophil_	26	21	19	7	1	1	0.53565	0.5548	0.472291	0.223839
protein_co	phosducin	2	2	0	0	0	0	0.075507	0.096827	0	0
protein_co	solute_carr	572	491	487	79	70	155	4.35266	4.791258	4.47132	0.933074
protein_co	phospholip	277	219	252	16	11	13	4.517751	4.580322	4.958966	0.405035
protein_co	growth_arr	937	705	741	540	572	269	29.36895	28.33657	28.02303	26.27078
protein_co	PRAME_fan	0	0	0	0	0	1	0	0	0	0
protein_co	wntless_ho	3779	3125	3189	93	131	101	64.48231	68.37904	65.65476	2.463072
protein_co	PR_domair	1126	884	849	439	491	445	6.635435	6.680249	6.036522	4.015374
protein_co	regulator_c	4237	3370	3552	172	136	214	147.8222	150.7719	149.521	9.314082
protein_co	retinal_pig	2	1	1	0	0	0	0.035931	0.023038	0.021676	0
protein_co	TROVE_dor	1213	993	1059	690	712	689	7.247399	7.608166	7.634233	6.398836
protein_co	ubiquitin_c	529	404	461	359	371	505	12.98002	12.7119	13.64799	13.6724
protein_co	breast_carc	530	378	485	467	438	768	19.13142	17.49735	21.12326	26.16487
protein_co	serine/argi	3374	2850	3080	3063	3184	3489	39.47278	42.75697	43.47619	55.61989
protein_co	cystathion	101	77	85	248	309	195	2.316972	2.265164	2.3527	8.830426
protein_co	agmatine_u	22	20	30	51	99	108	0.412632	0.481038	0.678906	1.484708
protein_co	olfactomed	5490	4251	4213	744	889	1158	124.7825	123.9029	115.5369	26.2473
protein_co	TNNI3_inte	1	1	0	1	0	0	0.014344	0.018394	0	0.022264
protein_co	complemer	0	0	0	1	7	2	0	0	0	0.037038
protein_co	pleckstrin_	2001	1597	1663	1299	1626	968	22.76248	23.29628	22.8251	22.9357
protein_co	crystallin_z	485	434	448	336	346	353	7.844656	9.001839	8.742955	8.435327
protein_co	putative_h	1217	1014	1086	391	423	494	13.2279	14.13343	14.24223	6.596408
protein_co	zinc_finger	865	695	701	487	717	471	14.64255	15.08672	14.31748	12.79558
protein_co	CD58_mole	121	77	86	22	31	37	4.272359	3.486441	3.663775	1.205689
protein_co	transcriptic	27	26	22	37	35	8	0.57836	0.714196	0.568598	1.230175
protein_co	CD2_molec	0	0	0	0	0	1	0	0	0	0
protein_co	transcriptic	444	384	418	1026	1081	1095	4.267097	4.732495	4.84701	15.30479
protein_co	nuclear_rec	0	0	0	626	670	638	0	0	0	8.957954
protein_co	kinesin_fan	629	536	588	1023	1254	630	2.980679	3.257157	3.36194	7.52438
protein_co	transmemb	1173	976	962	1343	1675	1180	19.01867	20.29277	18.81938	33.79781
protein_co	ADP-ribosy	768	511	653	598	688	729	21.58965	18.42106	22.14856	26.09252
protein_co	MAP7_dom	8304	5861	6546	2143	2979	1772	112.6663	101.9736	107.1595	45.12937
protein_co	tryptophar	187	165	139	159	116	168	3.119329	3.529497	2.797579	4.11668
protein_co	hydroxyaci	0	0	0	10	12	2	0	0	0	0.43633
protein_co	-	83	82	70	271	225	110	2.117449	2.682613	2.154671	10.73086
protein_co	organic_so	71	74	79	23	28	27	2.275592	3.041425	3.055	1.14418

protein_co	mitochond	1276	1072	1036	1033	1223	1401	28.1296	30.30519	27.55629	35.34628
protein_co	exocyst_co	235	168	204	151	183	216	2.160618	1.980746	2.26302	2.154853
protein_co	glyceronep	1087	876	898	550	606	693	19.28469	19.92951	19.2224	15.14525
protein_co	translin-ass	329	253	234	176	252	296	2.740596	2.702583	2.351869	2.275581
protein_co	chromosor	342	223	205	393	521	572	6.239839	5.217488	4.512832	11.12936
protein_co	Ras-related	556	495	455	155	238	255	9.542771	10.89467	9.422348	4.129161
protein_co	tubulin_fol	506	357	418	483	564	617	11.983	10.84158	11.94372	17.75386
protein_co	nidogen_1	8673	6314	6889	1354	1826	1007	69.35149	64.74412	66.46464	16.80489
protein_co	lectin_gala	421	327	338	89	112	157	3.074875	3.062686	2.978586	1.008941
protein_co	hippocalcir	0	0	0	5	5	1	0	0	0	0.074938
protein_co	5-methylte	2309	1690	1895	871	938	809	10.28294	9.651378	10.18241	6.020629
protein_co	bone_morp	113	104	100	31	31	10	1.098833	1.296868	1.173279	0.467892
protein_co	v-myc_mye	16	12	9	851	1125	468	0.230418	0.221609	0.156382	19.02199
protein_co	signal-indu	1400	1013	1051	561	612	508	9.81256	9.104856	8.88802	6.10306
protein_co	zona_pellu	9	1	2	0	2	0	0.23458	0.033424	0.062897	0
protein_co	rearranged_	547	401	426	420	353	448	4.106442	3.860398	3.858656	4.893935
protein_co	kynurenine	11	10	6	3	3	0	0.09804	0.114293	0.064523	0.041502
protein_co	zinc_finger_	72	61	76	62	59	51	1.609958	1.749126	2.050424	2.151811
protein_co	potassium_	5	9	6	156	219	88	0.057197	0.132024	0.082814	2.769858
protein_co	regulating_	270	186	213	947	1324	515	1.749869	1.545839	1.665595	9.526257
protein_co	v-akt_muri	1246	1147	1161	329	347	202	11.39555	13.45209	12.81142	4.670286
protein_co	ets_variant	872	613	649	496	580	570	7.782279	7.015524	6.988485	6.870724
protein_co	acyl-CoA_d	613	451	497	370	406	499	10.97502	10.35454	10.73617	10.28199
protein_co	ST6_(alpha-	446	320	358	102	117	93	5.575299	5.129708	5.399635	1.979083
protein_co	signaling_l	0	0	0	5	0	1	0	0	0	0.090838
protein_co	CD48_mole	5	3	3	7	7	1	0.130759	0.100608	0.094661	0.284138
protein_co	latrophilin_	2507	2000	2106	1295	1371	1592	18.65333	19.08277	18.90638	14.95554
protein_co	peptidyl_ar	4	2	3	117	145	70	0.043167	0.027678	0.039062	1.959778
protein_co	succinate_(	878	802	859	597	711	627	35.70636	41.82489	42.14949	37.6839
protein_co	microfibril	7620	5688	6079	1995	2233	2148	150.6967	144.2506	145.0538	61.23817
protein_co	ribosome_p	534	430	431	438	465	664	18.07889	18.66846	17.60581	23.01628
protein_co	lysine_(K)-s	3410	2857	3006	4785	4789	3038	21.49704	23.09637	22.86448	46.82056
protein_co	UDP-N-acte	1734	1344	1507	470	515	408	34.68741	34.47715	36.37342	14.59322
protein_co	actin-like_8	0	0	0	6	5	10	0	0	0	0.234647
protein_co	chitobiase_	169	138	154	68	61	34	2.571192	2.692379	2.82694	1.605784
protein_co	regulator_(	946	731	848	3	1	18	11.75357	11.64676	12.71225	0.057854
protein_co	kelch-like_f	574	487	525	770	815	716	8.012763	8.717836	8.842554	16.68367
protein_co	immunoglo	0	0	0	634	894	414	0	0	0	23.74802
protein_co	synovial_sa	483	409	444	269	275	372	3.87607	4.208983	4.29908	3.350636
protein_co	zinc_finger_	551	459	477	257	280	322	4.249408	4.539404	4.438572	3.076383
protein_co	retinoblast	565	464	494	415	516	436	6.015636	6.335201	6.346117	6.858224
protein_co	guanylate_l	356	312	347	2	2	0	4.538566	5.100733	5.337602	0.039576
protein_co	guanylate_l	78	57	61	0	0	1	1.205081	1.129291	1.137102	0
processed_	PINK1_anti	79	70	48	19	26	42	0.833741	0.947352	0.611214	0.311235
protein_co	kinesin_fan	51	37	39	295	375	87	0.602517	0.560545	0.55592	5.409433
protein_co	G_protein-(	111	78	110	92	91	102	1.928415	1.737727	2.305782	2.480823
protein_co	cyclin-depe	9	13	13	1210	1426	646	0.106407	0.197097	0.185447	22.20463
protein_co	RAB7_mem	281	229	177	151	233	88	4.026924	4.208351	3.060472	3.358726
protein_co	CD160_mo	31	15	25	5	2	9	0.428914	0.26614	0.417347	0.107377
protein_co	thioredoxir	895	616	599	1227	947	189	14.33774	12.65458	11.57797	30.50933
protein_co	endothelin_	1786	1350	1547	1695	2204	1589	16.42392	15.91983	17.1646	24.19332
protein_co	3-hydroxyn	494	421	402	403	421	204	10.76879	11.76878	10.57339	13.63564
protein_co	UDP-galact	929	721	696	230	301	352	21.01342	20.91345	18.99496	8.074942
protein_co	inhibitor_c	1619	1047	1110	1114	1395	1811	60.6834	50.32446	50.19889	64.80951
protein_co	complemer	0	0	0	52	65	98	0	0	0	0.892582
protein_co	CD46_mole	1943	1627	1725	1526	1874	1784	11.64162	12.50079	12.47032	14.19141
protein_co	PRP3_pre-r	830	716	754	706	726	758	14.99758	16.59073	16.43851	19.80059
protein_co	anterior_pl	1878	1407	1507	1381	1666	1616	37.42433	35.95522	36.23429	42.71522
protein_co	leucine_pr	9914	7765	8007	798	1009	685	154.9042	155.5841	150.9497	19.35298
protein_co	solute_carr	2319	1816	2051	5286	3665	4082	32.77214	32.9101	34.97178	115.9476
protein_co	EBNA1_bin	690	552	561	625	689	1101	21.52636	22.0836	21.117	30.26439
protein_co	cell_divisio	2073	1592	1727	4192	4333	3877	54.70062	53.8698	54.98362	171.6899
protein_co	myeloproli	4	3	0	11	8	2	0.096185	0.092507	0	0.410553
protein_co	artemin	32	25	31	143	222	71	0.772249	0.773672	0.902646	5.356414
protein_co	importin_1	660	584	593	372	492	385	7.947461	9.017925	8.615633	6.95277

protein_co	ATPase_H+_	1221	944	977	904	1191	1214	23.54141	23.33986	22.72791	27.05302
protein_co	UDP-Gal:be	4178	2976	3212	2436	2744	1686	74.51749	68.06629	69.12154	67.43689
protein_co	ERI1_exoril	1111	790	907	804	1073	886	30.93516	28.20816	30.47149	34.7476
protein_co	patched_2	59	51	49	16	14	26	0.643674	0.713499	0.644998	0.270935
protein_co	aldo-keto_r	2273	1769	2055	2695	3028	2065	58.62542	58.50914	63.95086	107.8886
protein_co	peroxiredo	4779	3943	4178	8691	9403	9219	181.7416	192.2886	191.7052	513.0002
protein_co	phosphoin	1367	1033	1127	364	404	500	11.42782	11.074	11.36755	4.723096
protein_co	tetraspanir	8	7	9	0	4	3	0.232273	0.260625	0.315281	0
protein_co	basic_leuci	367	276	292	95	81	177	6.259962	6.03704	6.009475	2.515126
protein_co	coiled-coil_	28	25	15	38	48	23	0.64517	0.738695	0.417018	1.359033
protein_co	solute_carr	299	204	238	391	436	475	3.819154	3.341454	3.66793	7.751812
protein_co	fatty_acid_	8	14	21	109	210	156	0.17914	0.402014	0.567376	3.788442
protein_co	NOP2/Sun_	450	348	368	280	310	362	4.857391	4.817028	4.792768	4.691147
protein_co	transmemb	612	521	561	236	256	399	4.701293	5.132311	5.199682	2.813898
protein_co	maestro_he	0	0	2	0	0	0	0	0	0.035751	0
protein_co	down-regul	1869	1401	1527	1180	1319	1075	27.03191	25.98453	26.64738	26.48987
protein_co	calponin_3	10376	8444	8600	2857	3378	3519	224.7256	234.5201	224.7341	96.04244
protein_co	proline-rich	5764	4776	5011	5193	6110	6068	26.07313	27.70402	27.34901	36.46011
protein_co	coagulatior	336	250	252	62	79	102	6.888957	6.572999	6.233943	1.973042
protein_co	ATP-bindin	683	609	589	402	426	467	7.333612	8.385401	7.630633	6.699675
protein_co	vesicle-assc	247	220	205	200	217	139	2.244977	2.56417	2.248106	2.821469
protein_co	DPH5_hom	170	181	165	338	367	252	3.692127	5.040988	4.323742	11.39397
protein_co	Fas_ligand_	0	0	0	2	0	0	0	0	0	0.077097
protein_co	polypyrimi	341	285	314	519	518	988	5.210002	5.583901	5.788436	12.30783
protein_co	tumor_nec	80	60	72	6	10	2	1.081038	1.039708	1.173901	0.125844
protein_co	peroxiredo	3561	2827	2986	3430	4176	4257	95.36	97.07992	96.47885	142.5669
protein_co	aspartyl-tR	562	409	476	560	573	782	7.516312	7.014571	7.681101	11.62484
protein_co	hydroxyste	1	0	1	1	0	0	0.031747	0	0.038304	0.049275
protein_co	interferon_	6	1	1	292	338	161	0.065337	0.013964	0.013139	4.93537
protein_co	digestive_o	312	243	225	215	229	504	1.732144	1.729995	1.507162	1.852671
protein_co	Lipid_phos	4	5	5	11	17	11	0.04537	0.072726	0.068427	0.193657
protein_co	Lipid_phos	114	106	124	20	19	67	0.995616	1.187141	1.306642	0.271111
protein_co	serpin_pep	1	5	2	0	1	3	0.029417	0.188613	0.070986	0
protein_co	RCAN_fami	112	113	99	353	454	373	1.890454	2.445884	2.01619	9.248117
protein_co	SYF2_homo	534	411	401	561	594	660	12.76211	12.596	11.56309	20.81013
protein_co	chromosor	472	405	416	298	383	262	7.29469	8.026555	7.757222	7.148445
protein_co	solute_carr	360	276	328	200	231	278	3.05086	2.999426	3.353834	2.630754
protein_co	REST_corep	528	363	460	359	382	503	5.830883	5.14063	6.129235	6.153544
protein_co	stathmin_1	7068	5491	5652	7093	7343	7585	112.4597	112.0369	108.5052	175.1704
protein_co	mitochond	397	329	301	172	189	183	5.706725	6.064593	5.220487	3.837562
protein_co	mannosida	48	29	31	583	786	448	0.484965	0.37573	0.377901	9.142561
protein_co	NIMA-relat	372	328	280	460	376	311	8.1854	9.255079	7.433666	15.71033
protein_co	ribosomal_	301	260	294	1470	1796	1130	4.407837	4.882494	5.194628	33.41234
protein_co	dehydrodo	1158	930	1010	467	663	764	16.26682	16.75276	17.11841	10.1822
protein_co	neudesin_n	363	263	287	231	214	193	18.06908	16.78783	17.23691	17.84728
protein_co	NSL1_MIND	435	362	415	523	636	534	8.803262	9.39447	10.13329	16.42807
protein_co	prospero_h	316	262	274	54	47	60	1.743616	1.853849	1.824157	0.462475
protein_co	AT_rich_int	4756	3459	3723	4423	5570	5226	26.00081	24.24962	24.55761	37.5312
protein_co	centromere	3402	2895	3241	4142	1964	4299	15.47684	16.88908	17.78997	29.2475
protein_co	replication	584	444	419	679	789	958	15.63001	15.23837	13.53033	28.20633
protein_co	protein_ph	701	601	592	523	573	624	12.39906	13.63184	12.63399	14.35829
protein_co	syntaxin_1	558	495	495	141	183	73	8.497769	9.666856	9.095445	3.332885
protein_co	mitochond	82	79	46	166	231	136	1.807702	2.233312	1.223542	5.680041
protein_co	solute_carr	4	5	0	4	3	10	0.049764	0.079769	0	0.07724
protein_co	oxysterol_b	1363	1145	1328	954	882	934	14.13962	15.23199	16.62218	15.36105
protein_co	thioredoxir	895	712	719	1117	1357	1019	17.51526	17.86829	16.97737	33.92948
protein_co	extended_s	2367	1863	1953	1389	1584	839	18.62226	18.79561	18.53892	16.9616
protein_co	CD3e_mole	70	56	67	153	133	182	0.998874	1.024732	1.153548	3.388713
protein_co	mesoderm_	1298	932	1023	660	754	1088	14.29721	13.16443	13.59566	11.28369
protein_co	reticulocal	1916	1597	1584	1784	2201	2138	22.82553	24.39718	22.76819	32.98759
protein_co	cholinergic	4	1	0	106	119	111	0.071506	0.022924	0	2.941159
protein_co	mucin_5B_	10	8	10	10	29	7	0.02616	0.026838	0.031564	0.040605
protein_co	cathepsin_l	1866	1261	1340	1054	1293	1114	41.21374	35.71534	35.70946	36.13279
protein_co	collectin_s	3	2	2	20	11	17	0.090347	0.077238	0.072672	0.934872
protein_co	stromal_an	870	678	762	233	173	351	6.73952	6.735173	7.122177	2.801535

protein_co	serine/thre	2524	1952	2018	2928	4407	2326	33.30999	33.035	32.13323	59.97727
protein_co	myeloid/ly	1877	1508	1629	1056	1179	850	5.303879	5.464369	5.553905	4.631522
protein_co	trehalase_(	25	18	13	6	6	3	0.423195	0.390735	0.265517	0.157646
protein_co	intraflagell	256	219	248	156	143	157	6.599145	7.239376	7.713428	6.241698
protein_co	matrix_me	57	63	55	0	0	0	0.874585	1.239587	1.018211	0
protein_co	apolipopro	0	2	0	2	3	7	0	0.098011	0	0.11863
protein_co	zinc_finger	0	0	0	0	1	1	0	0	0	0
protein_co	solute_carr	4	2	3	94	143	75	0.035835	0.022977	0.032428	1.307089
protein_co	kaptin_(act	230	172	194	263	303	283	6.377708	6.1161	6.490626	11.31939
protein_co	ribosomal_	6226	4925	5171	9252	9434	7680	199.6835	202.5576	200.1039	460.5737
protein_co	kinesin_fan	721	637	691	570	422	608	4.647746	5.265697	5.37444	5.703119
protein_co	troponin_T	30	19	23	16	26	15	0.466722	0.379053	0.431731	0.386356
protein_co	DEAD_(Asp	175	169	153	252	265	182	2.82957	3.504116	2.984846	6.324314
protein_co	calmodulin	1320	1046	1090	545	581	598	8.418774	8.554919	8.387827	5.395129
protein_co	activating_	1120	964	932	492	548	387	7.005979	7.732807	7.034201	4.776903
protein_co	crystallin_g	0	0	0	52	45	40	0	0	0	6.113974
protein_co	melanoregu	37	24	37	189	228	201	1.320343	1.098261	1.59307	10.46833
protein_co	FAST_kinas	512	347	340	488	487	732	4.802498	4.173843	3.847904	7.10473
protein_co	neuropilin_	9790	8033	8553	473	523	652	68.90622	72.50415	72.63439	5.167344
protein_co	cAMP_resp	751	560	641	643	677	681	4.60319	4.401658	4.74051	6.117309
protein_co	Kruppel-lik	716	641	679	288	377	463	4.014979	4.609328	4.593969	2.506647
protein_co	transthyret	2	0	0	0	0	0	0.097994	0	0	0
protein_co	UDP-Gal:be	543	420	448	471	573	360	5.751362	5.704657	5.725283	7.743232
protein_co	chromosor	173	184	185	68	80	55	6.484391	8.844031	8.366482	3.956056
protein_co	carbonic_a	29	24	13	474	596	442	0.76052	0.807111	0.411343	19.29397
protein_co	cancer_sus	0	2	1	0	0	0	0	0.049186	0.023139	0
protein_co	lymphoid-r	2	2	1	2	1	1	0.034541	0.044295	0.020838	0.053613
protein_co	ATPase_cla	0	2	2	3	3	2	0	0.015895	0.014955	0.028858
protein_co	signal_pept	1531	1164	1312	797	998	1275	26.50983	25.84604	27.41029	21.42005
protein_co	ubiquitin_s	434	319	357	191	259	115	4.826914	4.549669	4.790668	3.297187
protein_co	ELOVL_fatt	250	245	203	166	178	165	3.853552	4.842801	3.77542	3.971547
protein_co	filamin_A_i	1	0	1	146	83	128	0.010238	0	0.012353	2.320055
processed_	caspase_8_	370	331	344	300	210	412	2.362378	2.710098	2.650051	2.973031
protein_co	high_mobil	355	270	274	382	550	609	19.0894	18.61817	17.77717	31.88289
protein_co	ubiquitin_p	56	65	67	134	163	137	0.80671	1.200749	1.164534	2.996158
protein_co	cannabinoi	0	0	0	34	35	38	0	0	0	0.275743
protein_co	ankyrin_rep	617	448	542	399	465	455	7.110135	6.620336	7.535985	7.136677
protein_co	SH3-domai	205	165	161	4	4	2	1.321663	1.364144	1.252393	0.040027
protein_co	PHD_finger	913	876	914	1168	749	1005	5.199877	6.397875	6.280822	10.32513
protein_co	zinc_finger	0	0	1	0	0	0	0	0	0.057032	0
protein_co	pleiomorph	609	499	551	15	23	24	6.446054	6.773085	7.036818	0.246433
protein_co	F-box_prot	393	299	306	437	513	515	4.211101	4.108503	3.956148	7.268001
protein_co	tumor_nec	178	126	125	59	55	61	1.883218	1.709466	1.595654	0.968865
protein_co	A_kinase_(P	117	88	98	241	246	261	1.857188	1.791274	1.876912	5.937689
protein_co	RAB32_me	654	549	555	98	136	39	25.19809	27.12511	25.80066	5.860658
protein_co	v-myb_mye	53	41	39	64	61	65	0.676789	0.671384	0.600884	1.268493
protein_co	aldehyde_d	0	1	4	2	6	2	0	0.023507	0.088468	0.056904
protein_co	serum/gluc	1236	899	1008	414	493	478	10.58752	9.875171	10.418	5.504355
protein_co	ring_finger	663	585	648	414	519	394	13.12287	14.84843	15.47528	12.7188
protein_co	arginase_liv	2	0	0	7	7	2	0.061214	0	0	0.332545
protein_co	connective	7544	5345	5995	447	465	479	151.2348	137.4065	145.0065	13.90875
protein_co	transcriptic	25	15	23	6	8	7	0.257581	0.198187	0.285923	0.095952
protein_co	polyamine_	17	16	10	35	18	25	0.202574	0.244492	0.143775	0.647343
protein_co	F-box_and_	1443	1271	1227	957	1148	854	19.98886	22.57754	20.50758	20.57615
protein_co	mediator_c	909	702	758	1209	1370	1395	17.8041	17.63205	17.91321	36.75471
protein_co	solute_carr	106	60	77	16	7	19	1.095754	0.795368	0.960387	0.256719
protein_co	transmemb	288	184	195	122	174	103	2.980429	2.441819	2.434832	1.959642
protein_co	zinc_finger	146	98	118	121	136	163	1.745078	1.502095	1.701736	2.244801
protein_co	vesicle-assc	5	7	5	540	590	477	0.291242	0.522868	0.351401	48.82123
protein_co	DNA_cross-	367	339	284	210	219	257	4.367674	5.173604	4.078031	3.879126
protein_co	myosin_ligl	4716	3765	3862	1798	1726	1985	177.0483	181.256	174.9356	104.7703
protein_co	forkhead_b	1542	1158	1210	494	548	408	9.849395	9.485125	9.325209	4.897592
protein_co	armadillo_	85	48	74	32	19	24	1.22976	0.890537	1.291758	0.718591
protein_co	growth_ho	1	0	0	0	0	1	0.082845	0	0	0
protein_co	ribophorin	4848	3971	4083	3181	3332	3444	90.53079	95.09176	91.99434	92.19934

protein_co	TGFB-induc	824	623	634	1601	1760	1716	10.69399	10.36835	9.927725	32.25034
protein_co	calsequestr	0	1	0	0	0	1	0	0.022487	0	0
protein_co	olfactomed	38	28	24	4	5	6	0.54741	0.517246	0.417147	0.089438
protein_co	polycystic_	2179	1646	1837	458	624	627	20.20834	19.57548	20.55562	6.592791
protein_co	ATP-bindin	3	4	1	80	83	64	0.031407	0.053699	0.012631	1.299929
protein_co	secreted_p	3123	2161	2299	247	225	417	88.00332	78.08924	78.16532	10.80325
protein_co	FAM47E-ST	38	15	16	18	23	9	0.521	0.263727	0.264681	0.383052
protein_co	cyclin_I	5895	5096	5100	3111	3996	2894	99.71741	110.5416	104.0891	81.68036
protein_co	retinoic_ac	8	1	6	2	1	3	0.192172	0.030804	0.1739	0.074569
protein_co	major_facil	435	358	405	91	87	155	8.418142	8.884221	9.456492	2.733373
protein_co	RAB3_GTPa	836	749	745	994	1150	1038	5.401689	6.206038	5.808013	9.968737
protein_co	family_witl	172	123	140	160	195	236	3.374512	3.094546	3.314046	4.872288
protein_co	periplakin	95	66	39	1251	1572	990	0.714099	0.636192	0.35371	14.59563
protein_co	ubinuclein_	2289	1842	1900	1404	1848	1313	16.93991	17.48092	16.96551	16.12734
protein_co	Kruppel-lik	942	799	817	255	264	230	4.152524	4.51666	4.345416	1.744745
protein_co	ubiquitin_(	6	3	1	2	5	3	0.333341	0.213732	0.067033	0.172464
protein_co	protocadhe	691	601	614	31	42	65	4.306926	4.80367	4.617488	0.299903
protein_co	HCLS1_bin	659	529	542	652	721	329	7.090528	7.298913	7.036238	10.88858
protein_co	chromosor	320	222	272	315	307	382	5.168724	4.598283	5.300908	7.897223
protein_co	WD_repeat	424	319	322	227	286	375	2.856518	2.755949	2.61743	2.373709
protein_co	cyclin_D2	2467	1808	1849	4155	5019	3303	17.85149	16.77696	16.14323	46.66668
protein_co	fibroblast_	4	4	0	8	6	5	0.062147	0.079695	0	0.192922
pseudogen	-	2	2	5	1	2	2	0.030577	0.039211	0.092233	0.02373
protein_co	elongation_	490	361	387	357	298	301	3.800216	3.590284	3.621356	4.297451
protein_co	dynein_axo	11	22	14	1	4	8	0.041616	0.106734	0.063906	0.005872
protein_co	cytochrom	329	232	266	154	176	289	5.852358	5.292152	5.709061	4.251931
protein_co	NADH_deh	432	288	356	286	341	339	26.82978	22.93693	26.67666	27.56957
protein_co	general_tra	774	723	700	775	927	708	8.475683	10.1527	9.248681	13.17243
protein_co	SATB_home	503	444	442	367	573	452	3.807827	4.31024	4.037193	4.312268
protein_co	ubiquitin-c	551	362	400	266	363	356	10.27292	8.654865	8.998092	7.697585
protein_co	transient_r	1	1	1	24	28	22	0.005558	0.007127	0.006706	0.20703
protein_co	guanine_de	36	28	24	157	210	102	0.316112	0.315287	0.254272	2.139781
protein_co	Kruppel-lik	26	18	33	6	19	3	0.235128	0.208744	0.360076	0.08422
protein_co	tight_junct	264	181	218	2904	3770	2968	2.684659	2.360332	2.674791	45.8366
protein_co	chromosor	22	8	14	11	2	3	1.291089	0.602051	0.99131	1.001975
protein_co	integrin_be	1008	801	919	175	236	212	9.727338	9.912321	10.70033	2.621211
protein_co	cleavage_ar	763	606	633	1335	1447	1484	11.33262	11.54218	11.34377	30.77638
protein_co	phosphatid	25	21	20	20	25	8	0.434006	0.467503	0.418923	0.53891
protein_co	SUMO1/ser	1284	1050	1149	596	723	540	9.544512	10.00892	10.30521	6.876468
protein_co	coiled-coil_	856	666	713	30	33	77	8.219917	8.201197	8.260974	0.447142
protein_co	chromosor	2216	1648	1853	1035	1433	1226	26.9332	25.6853	27.17325	19.52491
protein_co	tripartite_r	5	2	1	0	0	0	0.025156	0.012903	0.00607	0
protein_co	HEAT_repea	1312	1086	1211	1595	1836	2005	7.283024	7.730669	8.110919	13.7426
protein_co	polypyrimi	1306	1076	1144	2340	2864	1765	8.422275	8.898317	8.901441	23.42246
protein_co	RAD23_hor	3560	2592	2892	3538	4583	4383	40.52645	37.83842	39.72235	62.51394
protein_co	FK506_bin	894	727	739	335	369	443	4.759813	4.963593	4.74728	2.768393
protein_co	catenin_(ca	940	879	872	977	886	1125	17.49072	20.97385	19.57692	28.21661
protein_co	family_witl	163	127	135	67	98	155	3.603523	3.600417	3.600987	2.299032
protein_co	WD_repeat	1957	1483	1565	1563	1995	1662	52.28704	50.81053	50.45052	64.81757
protein_co	SET_nuclea	7832	6105	6467	17451	19944	20727	125.9837	125.9322	125.5142	435.7051
protein_co	protein_ph	4372	3429	3538	4724	6133	4396	72.59319	73.01171	70.87965	121.7464
protein_co	GLE1_RNA_	559	463	513	390	518	385	7.892659	8.383046	8.739306	8.54686
protein_co	RAB14_me	1499	1184	1211	668	945	671	16.95733	17.1758	16.52906	11.72905
protein_co	centriolin	538	441	462	330	229	227	3.29332	3.461781	3.412256	3.135422
protein_co	tripartite_r	527	453	458	316	337	213	6.648114	7.328167	6.971101	6.18736
protein_co	F-box_and_	822	700	732	425	489	523	17.89396	19.54079	19.22622	14.35999
protein_co	PHD_finger	1350	1115	1197	453	635	613	14.92608	15.80871	15.96814	7.773933
protein_co	NIMA-relat	2848	2224	2302	542	626	631	36.90046	36.95183	35.98696	10.89988
protein_co	B-box_and_	0	0	0	187	211	87	0	0	0	5.81865
protein_co	protein_ph	548	483	497	688	878	813	5.908423	6.678016	6.4654	11.51357
protein_co	NADH_deh	1022	808	876	816	1005	833	47.9216	48.58488	49.56014	59.38832
protein_co	haloacid_d	172	103	127	216	260	103	4.397537	3.376973	3.917715	8.571667
pseudogen	lipocalin_1	0	0	0	0	1	0	0	0	0	0
protein_co	RNA_bindi	377	338	318	127	126	156	3.553988	4.086022	3.617011	1.85827
protein_co	solute_carr	1	3	3	0	1	0	0.018741	0.072098	0.067836	0

protein_co	hydroxyste	405	360	337	304	343	253	5.668793	6.461709	5.691327	6.604495
protein_co	mitogen-ac	2269	1819	1863	2271	2924	2094	31.33828	32.21682	31.0457	48.68422
protein_co	nuclear_rec	18	17	17	4	13	15	0.169414	0.20518	0.193052	0.058434
protein_co	inversin	371	314	343	122	144	97	4.690266	5.090525	5.231976	2.393943
protein_co	UDP-N-acet	43	36	52	379	520	272	0.737211	0.791471	1.075659	10.08539
protein_co	DENN/MAD	417	298	351	510	666	363	3.902822	3.576583	3.963673	7.408722
protein_co	ALG2_alpha	696	548	598	398	495	521	11.00319	11.10962	11.40666	9.766137
protein_co	colony_stir	8	8	6	7	2	2	0.061758	0.079196	0.055886	0.083875
protein_co	3-ketodihy	985	802	864	626	795	590	8.479285	8.853331	8.973974	8.364266
protein_co	vacuolar_p	866	666	743	477	534	662	12.21623	12.04767	12.64609	10.44403
protein_co	one_cut_ho	5	5	4	31	26	43	0.014542	0.018648	0.014037	0.139944
protein_co	chromosor	750	558	560	810	1098	854	13.60972	12.98469	12.26095	22.8141
protein_co	zinc_finger_	524	426	450	494	591	468	9.669567	10.08079	10.01927	14.14924
protein_co	YLP_motif-	2451	2069	2379	1807	2231	2070	16.37843	17.72959	19.18101	18.74207
protein_co	DDB1_and_	182	153	154	238	277	325	2.946817	3.176747	3.008504	5.981213
protein_co	prospero_h	25	26	18	6	7	10	0.366672	0.489013	0.318536	0.13659
protein_co	visual_syste	0	0	0	0	1	1	0	0	0	0
protein_co	FCF1_small	870	671	719	901	993	1145	16.91307	16.72765	16.86475	27.18682
protein_co	placental_g	716	576	637	78	128	38	9.459919	9.75902	10.15458	1.599556
protein_co	interferon_	447	313	306	109	120	94	22.34524	20.06463	18.4564	8.457354
protein_co	coiled-coil_	22	11	20	1	8	3	0.332125	0.212952	0.364298	0.023432
protein_co	NIMA-relat	850	741	788	929	1204	997	7.189126	8.036829	8.041396	12.19561
protein_co	acylphosph	131	132	111	118	194	81	7.785288	10.05974	7.959292	10.88469
protein_co	intraflagell	312	258	288	169	172	112	8.288774	8.789511	9.231584	6.968718
protein_co	Niemann-P	1473	1181	1230	1097	1251	991	48.09819	49.45215	48.45952	55.5985
protein_co	dynein_axo	170	137	150	80	92	63	3.447795	3.563055	3.670556	2.518332
protein_co	interferon_	3991	2839	3070	8844	11699	6415	45.12613	41.16433	41.88252	155.2121
protein_co	acyl-CoA_th	545	337	376	228	290	291	14.40533	11.42263	11.9912	9.353887
protein_co	latent_tran	28729	20567	23548	61	89	61	157.2433	144.355	155.5083	0.518217
protein_co	apoptosis_	1351	1120	1203	764	889	934	11.61078	12.34336	12.4744	10.19131
protein_co	mutL_hom	235	189	200	188	228	136	1.395536	1.439277	1.433017	1.732852
protein_co	tubulin_tyr	774	665	686	519	518	549	7.74992	8.538611	8.287593	8.065923
protein_co	feline_leuk	6	7	7	118	117	102	0.077526	0.115985	0.109129	2.366497
protein_co	ATP-bindin	501	401	395	737	912	783	7.809807	8.015973	7.429297	17.83202
protein_co	dihydrolipo	1865	1488	1745	1921	2228	2128	30.81391	31.52683	34.78656	49.26357
protein_co	protein_ph	0	5	1	68	71	47	0	0.077727	0.014627	1.279479
protein_co	transformir	420	374	379	22	20	25	7.272455	8.304484	7.918064	0.591269
protein_co	zinc_finger_	3	3	5	17	30	19	0.058809	0.075414	0.11826	0.517248
protein_co	SRA_stem-l	654	498	504	1217	1465	1443	35.45211	34.61808	32.96422	102.3966
protein_co	RNA_bindir	3077	2581	2574	2653	2952	3372	21.06901	22.66282	21.26538	28.1958
protein_co	aldehyde_d	335	287	266	421	484	259	2.856548	3.138253	2.736695	5.571976
protein_co	G_protein-	297	191	270	19	21	9	4.871051	4.017066	5.342912	0.483671
protein_co	estrogen-re	0	2	2	64	60	17	0	0.044327	0.041707	1.716884
protein_co	eukaryotic_	552	439	440	298	428	396	16.84014	17.17435	16.19598	14.11085
protein_co	NRDE-2_ne	386	313	333	177	235	317	3.105619	3.229346	3.232609	2.210368
protein_co	coenzyme_	30	32	34	18	21	26	0.45101	0.616914	0.616726	0.420018
protein_co	zinc_finger_	22	18	14	6	18	7	0.396609	0.416123	0.30452	0.167889
protein_co	ras_homol	934	696	762	559	636	393	14.7211	14.06734	14.49094	13.67526
protein_co	G_protein-	60	55	56	34	33	58	1.330213	1.563659	1.49798	1.169983
protein_co	suppressor_	727	559	607	396	398	461	7.595598	7.489429	7.651812	6.421747
protein_co	kelch-like_f	838	621	675	296	466	320	6.154085	5.848176	5.980966	3.373974
protein_co	DNA_(cytos	1768	1412	1581	2974	4042	4299	18.51721	18.96432	19.97898	48.34647
protein_co	transmemb	3766	3136	3231	897	1089	911	59.05947	63.0659	61.1356	21.83394
protein_co	ATPase_fam	427	337	302	295	335	275	2.470941	2.50077	2.108577	2.649641
protein_co	FK506_bin	23	25	20	60	74	46	0.673623	0.938941	0.706752	2.727538
protein_co	atlastin_GT	619	493	507	823	891	760	10.12027	10.33612	10.00132	20.88486
protein_co	yippee-like_	1001	845	822	399	359	390	18.33473	19.84753	18.16604	11.34341
protein_co	family_witl	2405	1882	2080	1119	1568	1578	31.80217	31.91322	33.18586	22.96689
protein_co	Yip1_doma	884	769	776	394	597	484	5.687538	6.344651	6.023956	3.934583
protein_co	aftiphilin	265	224	271	280	340	213	2.658505	2.881702	3.280266	4.359937
protein_co	lectin_gala	245	204	207	342	446	179	3.24613	3.466086	3.309163	7.033256
protein_co	cannabinoi	333	301	299	22	29	16	7.995072	9.267316	8.661585	0.819844
protein_co	B-cell_CLL/	257	174	218	297	393	403	2.02806	1.760785	2.075641	3.637765
protein_co	cysteine-ric	237	210	167	131	175	177	5.690186	6.465569	4.837742	4.881799
protein_co	epithelial_c	16	4	7	2635	3151	2739	0.435174	0.139512	0.229715	111.2383

protein_co	solute_carr	889	769	794	223	312	205	12.06519	13.38345	13.00172	4.69751
protein_co	opioid_gro	343	226	256	95	106	89	9.399927	7.942334	8.464833	4.040959
protein_co	family_witl	636	592	582	273	408	324	4.325798	5.163452	4.776174	2.882055
protein_co	insulin-deg	798	674	814	642	673	757	6.366894	6.895947	7.836049	7.950422
protein_co	ELOVL_fatt	9	4	3	7	5	1	0.307812	0.175433	0.123798	0.371596
protein_co	interferon-	80	48	74	7	4	21	1.502885	1.156342	1.677319	0.20411
protein_co	interferon-	39	30	33	2	0	1	0.524136	0.517023	0.535108	0.04172
protein_co	glycerol-3-p	493	349	424	293	341	548	3.629577	3.294913	3.766371	3.348168
protein_co	cutC_copp	247	183	253	349	383	315	8.604632	8.175151	10.63418	18.87084
protein_co	protein_ph	173	116	130	23	15	15	3.213935	2.763493	2.913952	0.663207
protein_co	pyridine_n	216	150	128	133	132	60	3.535164	3.148157	2.527632	3.378609
protein_co	cyclin_M1	0	0	1	25	43	15	0	0	0.009494	0.305336
protein_co	MAX_intera	180	149	143	339	387	165	2.432335	2.581942	2.331498	7.110188
protein_co	survival_m	421	353	370	430	560	584	9.719693	10.45092	10.30671	15.40882
protein_co	chromosor	299	214	240	105	120	127	4.687434	4.302165	4.539659	2.554958
protein_co	helicase_ly	574	488	514	2427	3010	2847	5.397006	5.883966	5.831123	35.41941
protein_co	prolactin_r	0	0	0	1	0	0	0	0	0	0.036757
protein_co	tectonic_fa	741	609	582	510	584	583	12.68547	13.36949	12.02152	13.55155
protein_co	family_witl	649	491	493	632	613	572	11.76783	11.41676	10.78566	17.78687
protein_co	arginine_va	100	75	74	160	191	87	3.218258	3.095219	2.87343	7.992291
protein_co	WD_repeat	1228	976	1051	865	944	990	11.62312	11.84632	12.0026	12.70782
protein_co	chromosor	548	400	492	310	351	337	6.238342	5.839262	6.757744	5.47748
protein_co	Kv_channel	17	27	25	53	68	40	0.304597	0.620369	0.540461	1.473951
protein_co	coiled-coil_	30	14	20	38	42	21	0.4246	0.254095	0.341536	0.834782
protein_co	glutamic-o	818	599	618	857	1000	852	19.70007	18.4991	17.95771	32.03507
protein_co	carboxypep	0	0	0	3	2	1	0	0	0	0.117198
protein_co	chromosor	3	3	3	13	25	7	0.095759	0.122797	0.115539	0.644069
protein_co	secreted_fr	40	34	21	90	112	48	1.021569	1.113515	0.647105	3.567637
protein_co	guanine_nu	1169	880	973	925	1108	968	11.13662	10.75055	11.18406	13.67763
protein_co	homeobox_	5	8	2	0	0	4	0.128607	0.263872	0.062069	0
protein_co	KAT8_regul	793	658	730	891	963	1043	4.088376	4.350237	4.54097	7.12994
protein_co	homeobox_	161	109	137	0	0	0	3.698821	3.211243	3.797572	0
protein_co	corticotrop	0	0	1	39	45	18	0	0	0.022318	1.119689
protein_co	homeobox_	1517	1295	1339	15	23	22	16.90403	18.50477	18.00252	0.259434
protein_co	homeobox_	0	0	0	45	54	65	0	0	0	1.621332
protein_co	dual_specif	240	205	170	151	203	179	5.57385	6.105304	4.763663	5.443165
protein_co	pantothena	2127	1804	1970	1756	1763	1938	9.493153	10.32497	10.60858	12.1646
protein_co	msh_home	673	448	504	5	9	13	14.08165	12.02059	12.72381	0.162382
protein_co	TEK_tyrosir	712	539	622	17	21	34	7.013801	6.808815	7.39285	0.259928
protein_co	RNA_termi	135	73	100	186	193	216	2.966332	2.056924	2.651148	6.343507
protein_co	caspase_ac	313	250	250	413	595	508	5.258537	5.386044	5.067673	10.76964
protein_co	equatorin_	0	0	0	6	5	2	0	0	0	0.423549
protein_co	MOB_kinas	52	31	31	1081	1240	923	0.377794	0.288817	0.271745	12.19011
protein_co	insulin-like	0	0	1	0	0	0	0	0	0.074638	0
protein_co	insulin-like	0	0	1	0	0	0	0	0	0.028983	0
protein_co	melan-A	11	14	13	5	11	6	0.213578	0.348579	0.304547	0.150683
protein_co	CD274_mo	42	36	37	0	0	0	0.540445	0.594038	0.574449	0
protein_co	interferon_	1	0	0	0	0	0	0.04513	0	0	0
protein_co	glutamate_	5	1	8	0	0	0	0.04171	0.010697	0.08052	0
protein_co	nucleopori	863	698	759	952	1253	1141	10.44556	10.83392	11.08436	17.88497
protein_co	methylenet	1286	1116	1219	1640	2043	1823	16.73157	18.61955	19.13583	33.11844
protein_co	low_densit	785	616	682	296	418	181	11.291	11.36195	11.83573	6.608227
protein_co	coiled-coil_	16	8	6	0	5	2	0.141448	0.090694	0.063999	0
protein_co	protein-L-is	1238	991	1066	976	1221	1108	29.25899	30.03459	30.39793	35.80297
protein_co	pleckstrin_	268	195	266	88	86	62	1.736427	1.620189	2.079464	0.884983
protein_co	myc_target	31	22	34	4	3	6	0.479733	0.436586	0.634841	0.096079
protein_co	chromosor	0	0	0	1	1	2	0	0	0	0.039234
protein_co	cysteine-ric	257	185	199	275	287	231	9.033534	8.33884	8.439674	15.00333
protein_co	WD_repeat	731	589	674	370	431	487	8.401128	8.680502	9.346052	6.600129
protein_co	ArfGAP_wit	2040	1595	1648	1831	2377	1484	18.22012	18.268	17.75932	25.38282
protein_co	protocadhe	12	12	5	5	4	8	0.207554	0.266159	0.104344	0.134231
protein_co	protocadhe	242	164	182	37	61	34	3.465908	3.012	3.145004	0.822496
protein_co	protocadhe	132	100	127	46	69	31	2.225632	2.162165	2.583635	1.203837
protein_co	protocadhe	45	31	31	11	13	14	0.61951	0.547276	0.514927	0.235049
protein_co	solute_carr	0	1	1	1	1	3	0	0.042435	0.039926	0.051362

protein_co	tenascin_N	2	0	0	21	13	14	0.018726	0	0	0.305187
protein_co	mitochond	410	312	310	367	384	360	9.089791	8.870211	8.292391	12.62893
protein_co	centromere	273	165	231	197	235	185	5.176294	4.011895	5.284651	5.797663
protein_co	tumor_nec	1	2	0	0	0	0	0.023352	0.05989	0	0
protein_co	SEC16_hon	13	2	11	1	0	0	0.152966	0.030178	0.156168	0.018263
protein_co	golgin_RAB	267	257	224	80	134	99	5.074842	6.264028	5.136973	2.360107
protein_co	G_protein-	0	0	0	0	0	1	0	0	0	0
protein_co	acetyl-CoA_	2637	2080	2307	1126	976	1630	38.88333	39.33018	41.04393	25.77046
protein_co	t-complex_	3414	2799	3087	4176	4748	5088	64.05863	67.34826	69.88739	121.62
protein_co	tubulin_tyr	0	0	0	5	9	3	0	0	0	0.135783
protein_co	sorting_ne	1727	1412	1504	546	676	634	12.39159	12.99208	13.02059	6.080761
protein_co	potassium_	20	4	13	6	5	5	0.157879	0.040491	0.123818	0.073515
protein_co	Myb/SANT-	367	283	275	170	170	240	5.576357	5.514171	5.041563	4.009257
protein_co	tumor_pro	0	0	1	0	0	1	0	0	0.019678	0
protein_co	testis_expr	0	0	0	2	4	6	0	0	0	0.04646
protein_co	arrestin_3_	17	20	13	6	5	3	0.614122	0.926499	0.566627	0.336424
protein_co	PDZ_doma	625	477	480	221	242	303	28.09804	27.49944	26.03667	15.42122
protein_co	solute_carr	151	109	127	28	29	30	1.889616	1.749172	1.917558	0.543858
protein_co	NudC_dom	368	314	323	1060	1047	906	4.091896	4.477296	4.333386	18.29419
protein_co	enhancer_c	1020	807	868	1175	1306	1629	16.12536	16.36033	16.55682	28.83219
protein_co	microtubul	421	357	343	633	675	741	5.448716	5.925017	5.356168	12.71587
protein_co	KIAA1217	1173	985	1015	756	852	548	7.449816	8.022193	7.777887	7.452462
pseudogen	septin_7_p	0	0	1	0	0	1	0	0	0.076145	0
protein_co	mannose_r	1	1	0	0	0	0	0.009068	0.011628	0	0
protein_co	plexin_dom	346	226	237	404	469	359	5.464448	4.577074	4.516132	9.903348
protein_co	enhancer_c	332	283	301	189	237	385	2.107702	2.303917	2.305609	1.862359
protein_co	IQ_motif_a	1	1	0	44	90	20	0.00661	0.008476	0	0.451411
protein_co	coiled-coil_	240	186	175	396	361	234	4.746353	4.717057	4.175754	12.15555
protein_co	TAF12_RNA	305	280	278	319	297	240	10.52351	12.38877	11.57321	17.08371
protein_co	ecto-NOX_c	305	211	229	6	0	3	4.795927	4.254657	4.344665	0.146438
protein_co	tumor_nec	0	0	0	63	68	89	0	0	0	2.086045
protein_co	mitochond	87	90	105	113	169	105	1.867017	2.476742	2.718731	3.763898
protein_co	SPG20_opp	8	4	13	4	1	12	0.662756	0.424946	1.299437	0.514345
protein_co	spermatoge	0	2	6	32	29	31	0	0.054838	0.154789	1.061994
protein_co	DnaJ_(Hsp4	287	198	220	193	188	223	5.302378	4.690977	4.904102	5.534477
protein_co	proline_an	983	861	867	1886	2234	1810	8.918902	10.01775	9.491285	26.56012
protein_co	ubiquitin-f	1457	1175	1264	648	676	595	26.96083	27.88181	28.22077	18.61141
protein_co	WW_doma	347	268	302	303	278	352	6.214987	6.15538	6.526281	8.423331
protein_co	E74-like_fa	673	582	616	196	295	148	8.849406	9.813668	9.772998	4.000236
protein_co	SMAD_fami	333	247	243	35	38	27	2.79227	2.655948	2.458485	0.455525
protein_co	heat_shock	2996	2357	2688	1735	2037	2339	38.89327	39.23752	42.1027	34.95929
protein_co	kelch_repe	204	179	187	466	651	418	2.020609	2.273602	2.234816	7.164214
protein_co	ALG5_dolic	339	324	270	160	151	279	13.77445	16.8822	13.2369	10.09079
protein_co	exosome_c	531	441	495	630	644	803	10.27594	10.94397	11.55793	18.92335
protein_co	eukaryotic_	2019	1594	1685	2303	2793	3520	24.43752	24.74107	24.60757	43.26584
protein_co	transformi	75260	62834	66795	131	141	305	757.1214	810.5976	810.7618	2.045517
protein_co	family_witl	1136	800	980	1341	1382	1586	12.17533	10.99516	12.67291	22.30805
protein_co	SIL1_homo	450	346	362	118	177	120	10.9727	10.81899	10.6502	4.465947
protein_co	poly(A)_bin	516	417	470	825	765	813	10.54719	10.93031	11.59132	26.17408
protein_co	myotilin	0	0	0	5	5	3	0	0	0	0.155712
protein_co	lysine_(K)-s	2352	1943	1961	3075	3240	2386	16.18748	17.14842	16.28425	32.84866
protein_co	early_grow	1714	1071	1167	45	55	61	25.61169	20.52231	21.04003	1.043687
protein_co	stress-assoc	4783	3722	4079	2328	3373	2417	57.00939	56.88945	58.66077	43.06847
protein_co	plastin_1	49	51	43	446	452	397	0.61188	0.816676	0.647869	8.644418
protein_co	ZFP30_zinc	208	172	169	102	160	83	1.601498	1.698247	1.569993	1.218972
protein_co	nuclear_rec	307	285	276	361	446	351	5.760398	6.85754	6.248435	10.51361
protein_co	UTP20_sma	1019	833	844	690	802	1357	5.294286	5.54993	5.290828	5.564328
protein_co	thymopoie	2959	2442	2434	2266	3050	3633	32.70805	34.61503	32.46223	38.87766
protein_co	ADP-ribosy	1600	1304	1286	655	756	662	23.14842	24.19292	22.44866	14.70866
protein_co	glycosyltra	1080	836	920	62	63	72	26.93682	26.73857	27.68589	2.400185
protein_co	MTERF_dor	89	89	97	42	62	28	1.290019	1.654266	1.696391	0.9449
protein_co	suppressor_	258	222	228	773	982	1167	3.240724	3.575895	3.455455	15.07066
protein_co	nuclear_tra	566	419	423	718	689	797	7.556876	7.1738	6.814191	14.87924
protein_co	coiled-coil_	159	132	153	38	31	46	7.889431	8.399083	9.159844	2.926595
protein_co	apoptotic_	1472	1069	1246	472	517	242	9.783431	9.111092	9.991932	4.86918

protein_co	dual_specif	7669	6303	6435	311	336	273	64.94483	68.44828	65.75102	4.087867
protein_co	clusterin	1407	1211	1178	2747	3180	2783	21.42021	23.64194	21.63829	64.91108
protein_co	tumor_nec	3003	2396	2536	1485	1819	929	33.96303	34.74939	34.60576	26.06802
protein_co	sorbin_and	2084	1625	1591	1392	1662	980	28.25059	28.24831	26.02244	29.28866
protein_co	protein_tyr	46	28	28	90	119	82	0.457464	0.35708	0.335973	1.389222
protein_co	adrenocept	0	0	0	3	2	10	0	0	0	0.085691
protein_co	protein_ph	225	165	204	37	66	30	4.819668	4.532397	5.272455	1.230175
protein_co	PDZ_and_L	379	270	275	270	235	147	3.87006	3.535506	3.388124	4.2793
protein_co	epoxide_hy	1	1	1	158	177	121	0.014933	0.01915	0.018018	3.662168
protein_co	ring_finger_	342	315	294	253	280	204	3.896109	4.60177	4.041108	4.473588
protein_co	natriuretic_	1	0	0	0	2	12	0.067565	0	0	0
protein_co	UbiA_preny	390	278	295	499	606	701	5.015663	4.584773	4.577557	9.960812
protein_co	TAR_DNA_b	3225	2485	2796	2443	3074	3716	55.02922	54.37502	57.56372	64.70198
protein_co	tumor_nec	60	39	41	902	1501	1063	0.763267	0.636208	0.629299	17.80992
protein_co	zinc_finger_	812	630	646	607	668	568	10.87227	10.81718	10.43626	12.61489
protein_co	lysophosph	981	823	810	1716	2227	1728	17.87067	19.22565	17.80348	48.51987
protein_co	cysteine-ric	798	568	547	318	355	514	8.728303	7.966812	7.218755	5.398642
protein_co	COP9_signa	670	563	531	525	541	649	5.52035	5.948528	5.27879	6.714004
protein_co	retinol_deh	806	549	628	256	405	268	9.570361	8.359397	8.997067	4.718063
protein_co	eosinophil_	0	3	1	16	16	2	0	0.066614	0.020892	0.430014
protein_co	A_kinase_(I	244	226	215	1204	1475	1552	2.798035	3.323388	2.974745	21.4299
protein_co	coilin	429	337	367	547	575	536	7.590874	7.646695	7.835174	15.02285
protein_co	tripartite_r	785	609	700	766	958	856	6.419369	6.3863	6.906671	9.722589
protein_co	serine_carb	620	495	496	398	466	393	14.97004	15.3266	14.44977	14.91574
protein_co	speckle-typ	843	721	689	224	313	262	12.80061	14.03937	12.62323	5.279364
protein_co	T-box_2	4178	3025	3252	0	2	1	37.54436	34.85869	35.2594	0
protein_co	solute_carr	1039	789	844	517	565	729	19.58936	19.07616	19.19973	15.12954
protein_co	T-box_4	466	398	408	0	0	12	6.430473	7.042866	6.793057	0
protein_co	dynein_ligh	1615	1218	1309	2067	2733	2737	30.29095	29.29524	29.62293	60.17434
protein_co	testis_expr	1	4	0	20	21	19	0.009517	0.048817	0	0.295433
protein_co	family_witl	106	82	79	554	607	456	2.101624	2.084839	1.889837	17.04863
protein_co	non-SMC_c	650	500	559	836	1036	986	10.3247	10.18459	10.71332	20.61108
protein_co	lecithin_re	0	0	2	544	680	1208	0	0	0.022621	7.915276
protein_co	KIAA0922	1207	969	1048	489	556	555	11.2809	11.61367	11.81804	7.093746
protein_co	meiotic_nu	98	76	92	356	391	235	4.74713	4.720934	5.377011	26.76613
protein_co	tripartite_r	48	51	47	235	292	303	0.661393	0.901152	0.781384	5.025934
protein_co	ATP-bindin	7	1	1	1	2	1	0.067509	0.012367	0.011636	0.014969
protein_co	PAP_associ	265	195	194	358	474	328	1.584526	1.495194	1.399598	3.322516
protein_co	adenylate_(	595	436	487	94	98	37	4.490513	4.219635	4.434616	1.101127
protein_co	centrosom	861	656	692	348	423	426	13.9071	13.58772	13.48613	8.724551
protein_co	teashirt_zir	1099	839	922	411	509	512	9.955975	9.746696	10.07779	5.779076
protein_co	enoyl_CoA_	67	60	83	524	631	272	0.540078	0.620215	0.807249	6.556063
protein_co	phospholip	12	10	11	634	785	690	0.231937	0.247856	0.256525	19.01995
protein_co	taste_recep	6	7	10	0	0	0	0.27	0.403943	0.542951	0
protein_co	proline-rich	8	5	8	0	0	0	0.262873	0.210686	0.317172	0
protein_co	pyridine_nu	112	81	96	48	45	64	1.443166	1.338421	1.492511	0.959997
protein_co	islet_amylo	0	0	1	2	1	1	0	0	0.028077	0.072238
protein_co	potassium_	8	8	4	6	9	11	0.15702	0.201356	0.094727	0.182787
protein_co	BCL2-like_1	2	1	2	11	12	23	0.045993	0.02949	0.055493	0.392633
protein_co	-	0	0	0	1	0	0	0	0	0	0.156516
protein_co	paraspeckle	878	646	715	1064	1532	2093	17.10404	16.13787	16.80577	32.17188
protein_co	zinc_finger_	156	132	112	182	186	218	1.328763	1.441804	1.151037	2.406162
protein_co	alpha-1-B_g	18	18	14	4	9	1	0.366806	0.470377	0.344223	0.126519
protein_co	zinc_finger_	116	70	85	262	389	226	0.949423	0.734698	0.839399	3.328383
protein_co	zinc_finger_	145	137	131	188	194	154	2.464318	2.985785	2.68626	4.959262
protein_co	PDZ_domai	400	316	344	184	278	187	4.415256	4.472932	4.581444	3.152421
protein_co	LIM_homeo	32	33	25	82	70	181	0.211843	0.280147	0.199688	0.842573
protein_co	ring_finger_	561	435	424	498	589	718	7.29487	7.253594	6.65225	10.05112
protein_co	tRNA_meth	383	335	306	603	550	381	4.017646	4.506372	3.872954	9.817946
protein_co	SEC22_vesi	142	106	107	73	76	53	1.57483	1.507511	1.431783	1.256605
protein_co	cystatin_A_	1	3	3	2	0	0	0.057113	0.219719	0.206731	0.177295
protein_co	developme	24	14	17	10773	12830	13005	0.369819	0.276641	0.316064	257.6592
protein_co	popeye_do	6	5	4	3	2	5	0.143687	0.153549	0.115578	0.111511
protein_co	UDP-Gal:be	381	292	331	310	374	272	3.083379	3.030359	3.232049	3.893983
protein_co	N(alpha)-ac	2159	1851	1847	2202	2975	3098	28.11318	30.90815	29.01832	44.50462

protein_co	CD80_mole	0	0	0	1	1	0	0	0	0	0.026708
protein_co	kinesin_fan	275	257	255	222	144	264	3.614001	4.331098	4.043373	4.52834
protein_co	desumoylat	1568	1249	1322	1565	1937	1608	17.47233	17.84746	17.77396	27.06758
protein_co	mitogen-ac	524	383	443	1098	1217	867	7.726531	7.242048	7.88143	25.12963
protein_co	cryptochro	346	257	266	504	467	325	3.860087	3.676745	3.580558	8.727342
protein_co	peroxisoma	340	260	271	557	794	416	9.727032	9.538589	9.354461	24.73359
protein_co	DEP_domai	94	103	95	54	41	29	2.190687	3.078215	2.671309	1.953335
protein_co	catalase	293	239	233	85	99	59	5.968191	6.242842	5.726365	2.687351
protein_co	paired_imn	520	361	416	416	616	530	5.611694	4.995824	5.416665	6.968101
protein_co	zinc_finger_	1699	1394	1410	1957	1781	2116	7.811172	8.218545	7.821498	13.9651
protein_co	gap_junctio	18	8	18	18	29	4	0.161969	0.092312	0.195425	0.251398
protein_co	TBC1_dom	586	530	507	477	389	540	4.749793	5.508866	4.958303	6.001031
protein_co	brain-speci	2109	1583	1758	1127	1575	861	18.30299	17.61715	18.40824	15.18098
protein_co	hypocretin	4	0	3	11	6	8	0.093733	0	0.084821	0.400089
protein_co	zinc_finger_	398	317	365	454	507	509	10.78741	11.018	11.93645	19.09944
protein_co	fatty_acid_	1151	1010	982	125	98	97	74.44194	83.76703	76.63055	12.54824
protein_co	KH_domain	5227	4131	4411	5079	6759	5846	88.89885	90.09655	90.5167	134.0764
protein_co	transmemb	428	294	325	292	335	393	9.616161	8.470609	8.810273	10.1829
protein_co	chemokine	0	3	1	1	1	3	0	0.067536	0.021181	0.027248
protein_co	ring_finger_	842	704	679	295	485	430	11.09028	11.89084	10.79067	6.03091
protein_co	polymerase	366	278	297	82	69	33	10.70602	10.428	10.48217	3.722984
protein_co	tumor_nec	12	10	13	3	0	1	0.288111	0.307884	0.376591	0.111797
protein_co	zinc_finger_	394	335	334	352	393	394	6.125553	6.678873	6.265324	8.494194
protein_co	SLIT_and_N	0	6	3	224	269	206	0	0.079205	0.037262	3.579073
protein_co	phosphatid	639	533	544	195	189	139	3.295141	3.524599	3.3847	1.560768
protein_co	PDS5_regul	2310	1844	2063	1743	1897	1579	15.09419	15.45141	16.26467	17.6777
protein_co	transmemb	0	0	0	0	0	1	0	0	0	0
protein_co	lipoic_acid	66	55	53	140	177	176	1.743516	1.863177	1.689297	5.740379
protein_co	carboxypep	0	0	1	167	203	121	0	0	0.015919	3.419872
protein_co	transmemb	169	78	90	180	244	108	7.932345	4.694819	5.096892	13.11348
protein_co	zinc_finger_	141	101	139	36	64	51	1.531856	1.407115	1.822056	0.60706
protein_co	CUB_and_S	1221	1077	1067	439	448	396	4.183916	4.732519	4.411434	2.334868
protein_co	hippocalcin	1	4	4	22	29	19	0.031941	0.163841	0.154157	1.090705
protein_co	ligand_dep	206	166	173	201	268	212	2.779667	2.872387	2.816565	4.209709
protein_co	chloride_ch	581	523	520	417	534	335	5.646238	6.517696	6.097257	6.289985
protein_co	G-protein_s	467	350	356	337	331	136	6.615601	6.358136	6.084858	7.409907
protein_co	glycosyltra	239	189	221	139	172	170	3.793742	3.847167	4.232629	3.424642
protein_co	chemokine	3	2	1	11	17	24	0.074232	0.063462	0.029855	0.422469
protein_co	zinc_finger_	191	165	162	170	200	164	1.313195	1.454753	1.343876	1.814159
protein_co	activin_A_r	307	245	233	113	158	167	2.513135	2.571892	2.301343	1.435775
protein_co	polymerase	361	300	326	76	77	71	2.863694	3.051758	3.120219	0.935758
protein_co	synaptic_ve	0	0	0	3	7	3	0	0	0	0.030503
protein_co	fms-related	0	0	0	0	0	2	0	0	0	0
protein_co	ribosomal_	5925	4743	4844	7196	7985	6993	340.8875	349.9333	336.2598	642.6055
protein_co	mitochond	272	196	223	274	264	224	11.55261	10.67522	11.42784	18.0631
protein_co	general_tra	986	831	728	607	808	685	24.09253	26.03849	21.46272	23.02102
protein_co	RAS-like_fa	6	2	8	32	35	40	0.182333	0.077939	0.293327	1.509367
protein_co	ubiquitin-li	1007	758	829	531	513	574	10.77059	10.39653	10.69824	8.815254
protein_co	forty-two-t	1554	1206	1267	745	838	781	19.94173	19.84579	19.61718	14.83879
protein_co	MTERF_dor	378	246	277	223	270	385	3.913541	3.266048	3.460237	3.583549
protein_co	X-prolyl_an	0	0	2	1	4	0	0	0	0.034603	0.022257
protein_co	SAM_and_S	2	6	6	1	1	0	0.035712	0.137387	0.129266	0.027715
protein_co	oculocereb	993	893	858	531	662	432	9.020106	10.40215	9.403678	7.486648
protein_co	mitochond	290	199	221	535	747	605	8.291527	7.296237	7.623894	23.74219
protein_co	T-box_22	0	0	0	2	3	19	0	0	0	0.061914
protein_co	fibromodul	1955	1284	1242	1	2	5	27.69486	23.32527	21.22863	0.021988
protein_co	myogenin_	0	0	0	1	0	1	0	0	0	0.047631
protein_co	lymphocyt	0	0	0	0	0	1	0	0	0	0
protein_co	KIAA1191	2025	1610	1740	1654	1844	1481	31.746	32.36676	32.91253	40.24667
protein_co	coatomer_	9994	8253	8639	2928	3194	2604	97.85317	103.6231	102.058	44.49765
protein_co	CD244_mo	2	0	1	0	0	1	0.038076	0	0.02297	0
protein_co	heparan_su	0	0	0	9	12	33	0	0	0	0.283068
protein_co	retinoblast	1673	1352	1479	1944	1998	2065	12.10228	12.54173	12.90885	21.8272
protein_co	zinc_finger_	1134	912	935	499	607	709	13.8292	14.26226	13.75763	9.445285
protein_co	serine_acti	152	136	126	289	402	162	1.776048	2.03779	1.776355	5.241306

protein_co	annexin_A1	1728	1388	1433	1806	2095	1726	11.6333	11.98279	11.64001	18.87155
protein_co	LIM_domai	11	13	14	12	32	25	0.094884	0.143798	0.145706	0.160662
protein_co	family_witl	398	315	362	358	416	420	5.171024	5.248237	5.674794	7.219498
protein_co	family_witl	1573	1333	1296	874	1077	1047	35.83965	38.94704	35.62772	30.90843
protein_co	zinc_finger_	289	227	221	391	545	398	6.571879	6.619527	6.063621	13.80063
protein_co	N(alpha)-ac	174	158	174	140	234	178	2.983131	3.473677	3.599319	3.725474
protein_co	ribosomal_	11236	9030	9239	14209	14220	14257	435.4184	448.7372	431.9844	854.6514
protein_co	outer_dens	524	483	518	157	149	156	4.293267	5.074732	5.12076	1.99658
protein_co	prostaglan	227	185	169	0	0	2	2.391918	2.499778	2.148598	0
pseudogen	spermatog	13	12	9	2	3	2	0.307708	0.364239	0.257032	0.073478
protein_co	tRNA_meth	150	116	147	91	98	172	2.247844	2.229165	2.65791	2.116639
protein_co	leucine_ric	9	6	5	2	0	5	0.287865	0.246097	0.192959	0.09929
protein_co	RWD_dom	97	71	77	29	39	23	2.957303	2.775823	2.832454	1.372311
protein_co	zinc_finger_	641	496	532	547	451	1014	5.274921	5.234184	5.282234	6.986759
protein_co	coiled-coil_	185	121	149	153	155	199	1.782341	1.494906	1.732022	2.287921
protein_co	RNA_polym	174	141	132	178	173	185	2.623429	2.726142	2.401275	4.165532
protein_co	PQ_loop_re	1110	841	908	490	680	548	18.02838	17.51616	17.79375	12.35265
protein_co	neuroblast	569	490	457	80	105	142	7.232426	7.98688	7.008676	1.57831
protein_co	Bardet-Biec	324	243	263	480	564	246	3.772626	3.628393	3.694899	8.67502
protein_co	PMS2_post	263	179	203	211	224	223	4.319466	3.769959	4.022707	5.378822
protein_co	zinc_finger_	1388	1048	1216	1047	1309	1458	12.65967	12.25754	13.3818	14.82211
protein_co	oncomodu	1	0	0	1	0	0	0.067468	0	0	0.104719
protein_co	septin_7	3369	2615	2837	1521	1050	1710	22.64514	22.54005	23.00813	15.86842
protein_co	endonuclea	199	140	153	280	343	171	1.958261	1.766668	1.81659	4.276672
protein_co	kelch-like_f	695	548	576	1139	1333	1446	9.863366	9.973102	9.863042	25.08965
protein_co	HERPUD_fa	429	347	356	283	384	156	6.580248	6.825332	6.588446	6.737548
protein_co	chromobo	2846	2054	2265	2139	2200	3225	62.71099	58.03882	60.21782	73.15601
protein_co	heterogene	19392	15897	17118	19678	23277	25549	144.6994	152.1138	154.1151	227.9059
protein_co	WAS/WASL	5	5	5	318	405	271	0.058583	0.075125	0.070684	5.783103
protein_co	neurexophi	0	0	0	5	4	3	0	0	0	0.12458
protein_co	neuropepti	14	10	9	4	7	21	0.931149	0.852905	0.72224	0.412935
protein_co	family_witl	942	707	784	1322	1324	1634	6.970238	6.7085	6.9994	15.18304
protein_co	homeobox_	45	36	36	0	0	0	1.04458	1.07162	1.008276	0
protein_co	inhibin_be	6187	4817	5274	2	2	21	47.84112	47.76471	49.20502	0.024004
protein_co	FK506_bin	5446	4109	4258	229	246	167	73.76171	71.36722	69.58362	4.814146
protein_co	5'-nucleoti	236	192	216	193	199	254	6.189063	6.456891	6.834625	7.855985
protein_co	ADP-ribosy	304	225	229	120	147	231	4.508085	4.278686	4.09734	2.762042
protein_co	CCZ1_vacu	283	204	222	224	246	288	4.628488	4.278507	4.380803	5.686319
protein_co	polymerase	569	370	465	405	461	269	8.290994	6.913619	8.175143	9.15967
protein_co	receptor_(	0	0	0	4	5	8	0	0	0	0.220045
protein_co	FtsJ_RNA_m	579	465	520	679	852	976	10.81215	11.13515	11.71615	19.6804
protein_co	twist_basic	950	712	678	1	1	19	26.73801	25.69773	23.02413	0.043685
protein_co	smu-1_sup	1416	1080	1163	1157	1330	1426	9.322699	9.11825	9.2386	11.8234
protein_co	GLI_pathog	1560	1212	1315	54	62	60	27.07196	26.97162	27.53397	1.454519
protein_co	solute_carr	154	132	131	74	77	79	3.865665	4.249001	3.967554	2.88314
protein_co	clathrin_lig	3196	2530	2684	2197	2462	2526	79.29127	80.49121	80.3432	84.60171
protein_co	reversion-in	446	356	394	177	210	151	4.278426	4.379339	4.560301	2.635439
protein_co	serine_pep	1	0	0	2	2	3	0.087974	0	0	0.273095
protein_co	olfactory_r	2	0	0	0	0	0	0.08957	0	0	0
protein_co	aconitase_	1476	1152	1333	1320	1580	1090	19.21957	19.23619	20.94283	26.67852
protein_co	KIAA1045	1	3	2	8	11	2	0.0082	0.031548	0.019789	0.101826
protein_co	dynein_axo	3	1	3	6	12	5	0.056291	0.024062	0.067918	0.174741
protein_co	DDB1_and_	868	730	704	381	478	221	5.217348	5.626811	5.105647	3.554558
protein_co	ciliary_neu	4	0	1	997	1318	795	0.091404	0	0.027571	35.36134
protein_co	KIAA1549	1296	1070	1021	871	962	560	4.909077	5.197422	4.666257	5.120867
protein_co	tripartite_r	1128	914	981	2699	3294	2933	6.289172	6.534915	6.599354	23.35704
protein_co	chromosor	633	434	475	333	426	516	11.52228	10.13056	10.43221	9.408258
protein_co	caldesmon_	11872	9220	9905	2936	2925	4483	122.5084	122.0063	123.3231	47.02498
protein_co	aldo-keto_r	0	1	0	0	0	1	0	0.02562	0	0
protein_co	nudix_(nuc	77	60	52	368	410	342	1.804363	1.802992	1.470228	13.38479
protein_co	surfactant_	0	0	1	0	0	0	0	0	0.025577	0
protein_co	neurogenin	0	0	0	40	52	104	0	0	0	2.115692
protein_co	plasminoge	1130	934	975	218	318	188	19.93443	21.12913	20.75287	5.969148
protein_co	serglycin	26	32	21	7	14	9	1.009222	1.592842	0.983515	0.421737
protein_co	carbohydra	909	677	718	320	365	170	6.115212	5.840441	5.828008	3.341397

protein_co	bicaudal_C	2924	2375	2356	22	18	20	25.05142	26.09323	24.35445	0.292555
pseudogen	ADP-ribosy	0	0	0	2	0	2	0	0	0	0.206468
protein_co	CDGSH_iro	269	223	215	328	393	450	5.088106	5.409014	4.90671	9.629599
protein_co	early_grow	1623	1134	1331	7	10	9	25.641	22.97412	25.37129	0.17165
protein_co	ecdysonele	787	659	693	620	607	766	12.02426	12.91155	12.77511	14.70299
protein_co	prolyl_4-hy	2509	1909	2055	1187	938	715	40.05688	39.08334	39.58552	29.41424
protein_co	solute_carr	210	199	168	33	82	112	5.575823	6.775668	5.382041	1.359985
protein_co	ZW10_inte	1190	896	883	833	1080	1769	28.45442	27.47389	25.47484	30.91564
protein_co	vacuolar_p	799	661	696	478	533	552	11.6027	12.30901	12.19466	10.77384
protein_co	RNA_bindi	1034	768	830	833	983	1275	10.96433	10.44317	10.6191	13.70999
protein_co	citron_(rhc	1489	1280	1317	1319	1687	1233	8.017827	8.838555	8.556493	11.02395
protein_co	intraflagell	294	241	262	186	190	181	4.435542	4.662574	4.769235	4.355548
protein_co	acyl-CoA_d	131	96	124	204	288	144	3.150047	2.960236	3.597622	7.613887
protein_co	hydrogen_	57	42	51	59	97	35	1.220983	1.153701	1.318114	1.96163
pseudogen	NME/NM23	0	4	1	1	3	3	0	0.34707	0.081639	0.105021
protein_co	DEAD_(Asp	1635	1277	1310	2756	3225	2548	17.50347	17.53099	16.92098	45.79478
protein_co	mediator_c	2275	1824	1995	1023	1076	679	11.19358	11.50858	11.84346	7.812564
protein_co	cyclin-depe	602	457	479	4	1	6	9.720313	9.462575	9.331841	0.100248
protein_co	ring_finger	1187	1017	1005	622	863	675	18.04749	19.82879	18.43657	14.67868
protein_co	Ras_associa	1010	837	845	313	360	345	8.595085	9.134054	8.67628	4.134315
protein_co	basic_helix	250	207	222	54	77	44	3.055122	3.243906	3.273329	1.024266
protein_co	sarcospan	156	147	176	8	11	4	2.623688	3.170402	3.571481	0.208837
protein_co	inositol_14	1278	1098	1201	660	682	904	5.701212	6.281278	6.464388	4.569943
protein_co	coiled-coil_	152	125	153	172	209	190	2.603098	2.745151	3.161451	4.571996
protein_co	N-terminal_	28	19	30	61	80	126	0.248236	0.216008	0.320905	0.839396
protein_co	WW_doma	689	573	602	686	818	576	6.894414	7.352619	7.268129	10.65449
protein_co	acyl-CoA_th	869	708	797	435	549	425	13.07264	13.65797	14.46605	10.15695
protein_co	peroxiredo	1844	1397	1416	1203	1421	1500	86.03502	83.58341	79.71235	87.11851
protein_co	DEAD_(Asp	1956	1450	1701	1613	2024	2484	48.19594	45.81619	50.57012	61.68882
protein_co	protein_kir	3171	2363	2595	4746	6154	3657	42.26499	40.38849	41.73207	98.18446
protein_co	chromosor	4063	3198	3363	2559	3679	3316	192.8281	194.6307	192.5743	188.5056
protein_co	CD97_mole	207	148	169	80	118	67	3.044615	2.791471	2.999141	1.826344
protein_co	WD_repeat	60	53	79	74	93	82	1.900947	2.153297	3.019909	3.63899
protein_co	GIPC_PDZ_	2550	1926	2001	1313	1818	1458	57.73517	55.91984	54.66325	46.1419
protein_co	actin-relate	0	2	0	0	0	0	0	0.083514	0	0
protein_co	SPRY_doma	292	247	271	110	108	72	4.436774	4.812722	4.968231	2.594225
protein_co	emopamil_	658	554	595	1290	1609	1418	30.07177	32.46775	32.80938	91.50677
protein_co	ATPase_Cu-	525	402	445	231	275	206	3.708536	3.641485	3.792724	2.532711
protein_co	zinc_finger	3171	2583	2881	2407	2009	2571	18.54431	19.37082	20.32851	21.84846
pseudogen	guanylate_(	0	0	0	15	4	8	0	0	0	0.38025
protein_co	neurolysin_	1548	1272	1367	2470	2878	2956	8.380758	8.830978	8.929536	20.75581
protein_co	centromere	355	282	304	238	286	313	9.599744	9.778894	9.918658	9.989384
protein_co	optineurin	751	615	613	219	268	131	10.00125	10.50265	9.849697	4.526775
protein_co	inter-alpha	3060	2724	2576	146	160	121	20.65996	23.58439	20.98467	1.53
protein_co	activating_	307	257	265	276	295	389	6.600291	7.085446	6.874144	9.210099
protein_co	Ts_translati	232	176	184	203	237	301	4.962812	4.82794	4.749039	6.7401
protein_co	neuronal_d	0	0	0	0	0	1	0	0	0	0
protein_co	Rho_GTPas	14	7	8	22	28	13	0.225433	0.144543	0.155427	0.549847
protein_co	NCK-associa	1	5	6	4	5	3	0.009934	0.063697	0.071918	0.061678
protein_co	matrix_met	73	50	47	3	7	10	0.891399	0.78294	0.692461	0.056859
protein_co	prefoldin_s	1947	1559	1590	1297	1321	1163	46.10852	47.34462	45.43184	47.67445
protein_co	spermatoge	1351	1130	1151	650	735	444	19.09235	20.4782	19.6258	14.25765
protein_co	ORM1-like_	101	64	78	71	84	85	2.212	1.797434	2.061135	2.413529
protein_co	nuclear_rec	139	93	93	582	718	277	1.34747	1.156103	1.087766	8.757049
protein_co	phosphodi	0	1	0	5	14	60	0	0.012702	0	0.076869
protein_co	homeobox_	1	0	0	0	2	0	0.019241	0	0	0
protein_co	cyclin-depe	569	464	460	381	445	371	10.2696	10.73912	10.01722	10.67325
protein_co	low_densit	43414	30774	34043	6477	8149	5764	136.6505	124.2152	129.2878	31.6436
protein_co	homeobox_	72	47	53	0	0	2	1.03529	0.866636	0.919504	0
protein_co	chromosor	565	485	463	367	514	402	18.4106	20.26612	18.20324	18.56163
protein_co	nuclear_fac	5	6	0	70	98	41	0.127905	0.196824	0	2.77937
protein_co	IKAROS_fan	287	173	234	317	374	304	2.573615	1.989377	2.531778	4.412162
protein_co	single-stran	317	242	247	303	355	328	5.701625	5.581669	5.360242	8.458872
protein_co	tubulin_alp	3750	2622	2858	3023	3475	2738	54.9836	49.29966	50.5606	68.79717
protein_co	methyltran	92	111	92	24	40	6	1.561869	2.416512	1.884485	0.63241

protein_co	kelch_repe	80	76	75	48	67	58	1.218318	1.484204	1.378098	1.134599
protein_co	sarcosine_d	222	157	173	292	340	157	3.112914	2.82308	2.926903	6.355174
protein_co	dopamine_	15	7	12	25	22	7	0.25456	0.152338	0.245713	0.658522
protein_co	ATP_syntha	389	293	317	564	731	667	4.386777	4.237141	4.313236	9.872008
protein_co	SCL/TAL1_i	490	423	445	575	637	792	4.397341	4.867924	4.818392	8.00926
protein_co	Holliday_ju	1033	859	923	1365	1416	1275	15.88111	16.93492	17.12105	32.57194
protein_co	collagen_ty	106	90	70	2	5	0	1.42091	1.547079	1.132157	0.041612
protein_co	adenosylm	1350	990	1103	1491	1501	3210	18.41231	17.31486	18.1509	31.56332
protein_co	NADH_deh	200	141	168	281	335	455	3.90913	3.534098	3.961936	8.524854
protein_co	ubiquitin_s	258	242	273	294	329	208	1.934073	2.326365	2.469243	3.420825
protein_co	proteolipid	55	36	32	936	1179	981	0.823157	0.690926	0.577854	21.74334
protein_co	mortality_f	6323	5359	5578	2877	3024	2867	107.8522	117.2192	114.7974	76.1686
protein_co	H2B_histor	0	0	0	1	0	1	0	0	0	0.081409
protein_co	RAB9B_me	47	38	43	1	6	3	0.588002	0.60964	0.649079	0.019418
protein_co	Nik_related	176	154	200	108	73	98	1.023393	1.148312	1.403162	0.974729
protein_co	family_witl	607	552	539	456	606	463	3.816849	4.451072	4.089339	4.450528
protein_co	ESX_homec	4	1	1	1	1	1	0.125458	0.040221	0.037843	0.048682
protein_co	RAB9A_me	185	139	151	269	378	240	4.254366	4.099089	4.18975	9.601651
protein_co	methyltran	231	211	205	206	252	215	4.822615	5.648881	5.163837	6.675262
protein_co	tetratricop	449	389	407	297	246	351	3.840499	4.266781	4.200334	3.943014
protein_co	N-myc_(and	75	59	79	88	100	141	1.679442	1.694202	2.134415	3.058559
protein_co	tumor_nec	413	347	398	0	0	4	13.61855	14.67302	15.83478	0
protein_co	activin_A_r	3	1	1	16	23	9	0.041557	0.017764	0.016714	0.344011
protein_co	bromodom	556	462	483	368	245	403	3.145235	3.351425	3.296654	3.231146
protein_co	solute_carr	762	628	647	175	164	228	6.180625	6.532003	6.331837	2.20316
protein_co	lysophosph	978	758	864	304	386	293	5.892886	5.856899	6.281321	2.843107
protein_co	basic_leuci	23	23	24	35	28	29	0.457561	0.586757	0.576076	1.080735
protein_co	G0/G1switc	13	8	9	1	5	3	0.703892	0.555472	0.587967	0.084041
protein_co	potassium_	12	3	4	16	27	7	0.104355	0.033455	0.04197	0.215964
protein_co	RAP2C_me	830	652	721	357	586	458	9.989403	10.06279	10.46995	6.668991
protein_co	exosome_c	657	470	505	551	628	889	7.935791	7.280011	7.359771	10.33016
protein_co	phospholip	531	421	408	551	753	352	4.76437	4.843981	4.416917	7.673492
protein_co	B9_protein	131	98	99	62	64	62	5.981102	5.737799	5.453724	4.393717
protein_co	aarF_doma	483	418	487	772	1130	763	9.270519	10.28827	11.27805	22.99877
protein_co	6-phospho	243	195	225	416	524	378	1.606185	1.652849	1.794402	4.267888
pseudogen	zinc_finger_	22	21	34	60	84	69	0.537281	0.65767	1.001858	2.274369
protein_co	RAB38_me	44	51	45	109	94	107	1.408301	2.093256	1.737814	5.415016
protein_co	G_protein-r	1	0	0	0	6	2	0.01095	0	0	0
protein_co	argonaute_	1041	788	871	976	1165	808	13.66532	13.26492	13.79543	19.88608
protein_co	MAX_dime	2806	1983	2177	460	656	412	31.11953	28.20184	29.13077	7.918332
pseudogen	postmeioti	43	43	54	34	49	25	1.652681	2.119329	2.504162	2.02829
protein_co	CDC28_pro	967	761	766	2053	2546	1624	73.96843	74.64727	70.69631	243.747
protein_co	dynein_ass	1	4	1	4	8	6	0.018938	0.09714	0.02285	0.117576
protein_co	acyl-CoA_sy	4406	3571	3711	1282	1292	1661	36.37919	37.81009	36.96984	16.4296
protein_co	chondroiti	9223	6621	6652	2848	3274	2393	143.5336	132.1339	124.9055	68.79418
protein_co	aspartyl_an	729	614	625	1074	1293	811	14.09601	15.22462	14.58132	32.2332
protein_co	inhibin_alp	13	8	14	16	20	8	0.415239	0.327683	0.539548	0.79324
protein_co	monoacylg	0	0	0	3	5	0	0	0	0	0.208339
protein_co	obscurin-li	4031	2958	3126	3566	4725	2695	32.35981	30.45094	30.27821	44.43293
protein_co	family_witl	1	0	0	68	81	39	0.018076	0	0	1.907875
protein_co	solute_carr	2636	1906	2176	1177	1597	644	26.46726	24.5412	26.36152	18.343
protein_co	enkurin_do	195	139	173	133	224	132	5.790724	5.29325	6.198583	6.130281
protein_co	melanocort	0	0	0	0	0	2	0	0	0	0
protein_co	glucosamin	15	10	8	8	14	9	0.34077	0.291327	0.219285	0.282092
protein_co	CCCTC-binc	0	0	0	54	90	21	0	0	0	0.983511
pseudogen	high_mobil	0	1	0	0	1	0	0	0.094544	0	0
protein_co	family_witl	929	697	788	482	647	571	14.30099	13.75918	14.63608	11.5167
protein_co	peptidase_i	3	1	4	0	0	0	0.243796	0.104211	0.392205	0
protein_co	family_witl	4	0	0	2	1	0	0.205884	0	0	0.15978
protein_co	sorting_nex	564	337	469	336	431	290	8.514478	6.524064	8.542792	7.873153
protein_co	secretory_l	0	0	0	0	0	1	0	0	0	0
protein_co	WAP_four-r	7	2	5	1	6	6	0.32823	0.12026	0.282878	0.07278
protein_co	tocopherol	567	451	541	200	285	376	4.26478	4.350102	4.909745	2.334931
protein_co	phosphatid	2577	1872	2000	784	1001	641	17.93611	16.70818	16.79546	8.469551
protein_co	potassium_	74	61	76	79	103	69	0.764623	0.808267	0.947496	1.266991

protein_co	solute_carr	21	7	19	9	12	10	0.163001	0.069675	0.17794	0.108429
protein_co	Rho_GTPas	1	1	0	27	12	14	0.016505	0.021165	0	0.691677
protein_co	syndecan_4	573	433	469	1564	1841	1608	10.28243	9.964103	10.15458	43.56204
protein_co	nuclear_rec	1188	975	1003	469	579	353	7.01667	7.384627	7.147655	4.2995
protein_co	phosphatid	1923	1469	1569	1164	1095	1162	40.3443	39.52155	39.71676	37.90411
protein_co	matrilin_4	2	5	2	62	68	24	0.041096	0.131748	0.049584	1.977365
protein_co	nuclear_rec	1045	811	857	363	553	1601	15.21741	15.14449	15.05752	8.204679
protein_co	VAMP_(vesi	947	769	817	884	1078	1140	5.595369	5.826589	5.824368	8.107024
protein_co	par-6_parti	33	21	20	215	318	186	0.335292	0.273613	0.245181	3.390608
protein_co	ATP_syntha	2594	1960	2016	412	462	438	33.18764	32.15673	31.12039	8.181522
protein_co	chromodor	1548	1308	1377	1127	1251	939	6.70972	7.270269	7.201375	7.58207
protein_co	phospholip	4405	3433	3767	3239	3904	3418	37.6025	37.57975	38.79846	42.91531
protein_co	TOX_high_r	27	16	22	102	122	91	0.486	0.369319	0.477797	2.849727
protein_co	serine/argi	3322	2538	2706	1680	2294	5635	42.29396	41.43617	41.56756	33.1985
protein_co	ganglioside	10	2	11	147	121	69	0.20702	0.053095	0.27476	4.723457
protein_co	ADP-ribosy	1001	1010	962	580	752	668	5.302407	6.86072	6.1484	4.768672
protein_co	zinc_finger	597	528	564	274	351	526	3.797767	4.307222	4.328936	2.705422
protein_co	endothelin	60	33	50	6	3	4	1.059661	0.747376	1.065452	0.164474
protein_co	CSE1_chror	2291	1853	1998	4231	3606	5546	30.23502	31.35956	31.81476	86.66798
protein_co	RAB22A_m	1190	977	1006	184	295	248	6.435885	6.775872	6.564586	1.544577
protein_co	prostaglanc	2793	2061	2262	971	1227	610	23.47443	22.21321	22.93848	12.667
protein_co	staufen_RN	3005	2574	2482	2797	3067	2759	39.87111	43.79573	39.73413	57.6019
protein_co	cadherin_2	17	13	10	21	18	19	0.250512	0.245659	0.177799	0.480319
protein_co	snail_homc	151	101	110	167	175	88	4.199521	3.602082	3.691166	7.208913
protein_co	molybdenu	237	201	250	268	340	474	4.521129	4.917042	5.754221	7.935308
protein_co	syntaxin_1(	1074	909	974	1206	1596	901	10.2005	11.07109	11.16154	17.7785
protein_co	protein_ph	137	126	125	121	103	74	1.787902	2.108643	1.968254	2.450976
protein_co	prostate_tr	10670	7891	8866	916	1232	1399	103.2645	97.93276	103.5291	13.75981
protein_co	ring_finger	1394	1140	1088	1444	1739	1533	26.7888	28.09343	25.22711	43.07132
protein_co	ankyrin_rep	0	0	0	0	2	0	0	0	0	0
protein_co	DEAD_(Asp-	885	729	760	1011	1155	1307	8.419084	8.893208	8.723348	14.92805
protein_co	recombinat	0	0	0	21	43	16	0	0	0	0.835178
protein_co	semenogeli	0	0	0	8	4	32	0	0	0	0.350324
protein_co	breast_carc	205	145	142	323	444	200	6.416858	5.820307	5.362965	15.69284
protein_co	potassium_	6	0	0	4	8	1	0.213136	0	0	0.220545
protein_co	TP53_targe	14	12	11	11	8	4	0.624605	0.686544	0.592132	0.76173
protein_co	Z-DNA_binc	1	1	0	0	0	0	0.01113	0.014272	0	0
protein_co	neuralized_	23	25	17	36	88	23	0.843874	1.176248	0.752569	2.050135
protein_co	melanoma_	0	0	0	0	1	0	0	0	0	0
protein_co	5-methylte	347	297	291	225	318	461	4.969712	5.454658	5.02855	5.001666
protein_co	FAST_kinas	97	88	57	85	91	156	1.89356	2.202923	1.342549	2.575472
protein_co	peptidase_I	1208	917	983	1086	1381	1322	29.7965	29.00527	29.25498	41.57752
protein_co	carbohydra	11	12	15	1403	1739	849	0.208148	0.291185	0.342467	41.20664
protein_co	IQ_motif_a	363	263	264	1126	1477	1478	2.831655	2.630866	2.484767	13.63335
protein_co	vesicle-assc	586	489	506	340	316	354	10.38456	11.11242	10.81905	9.351902
protein_co	interleukin	0	0	0	9	15	11	0	0	0	0.287541
protein_co	Xg_blood_g	6	6	8	20	27	6	0.097451	0.124967	0.156773	0.50419
protein_co	STAM_bind	758	558	621	564	599	697	5.312006	5.014561	5.250843	6.134779
protein_co	N-acetylglu	1896	1627	1683	308	403	561	20.26059	22.29516	21.69931	5.108518
protein_co	methylmal	186	169	152	77	129	66	10.43247	12.15543	10.28646	6.703403
protein_co	poly(A)_bir	10	11	22	503	585	398	0.074678	0.10534	0.198226	5.830266
protein_co	small_nucl	286	179	209	183	225	183	7.442034	5.972938	6.561754	7.391067
protein_co	M-phase_pl	699	600	582	458	431	609	13.1949	14.52411	13.25561	13.41914
protein_co	interleukin	2	1	2	4	7	3	0.089828	0.057596	0.108382	0.27885
pseudogen	-	0	0	0	1	0	0	0	0	0	0.186615
protein_co	ATPase_am	127	78	95	420	488	369	0.720076	0.567125	0.6499	3.696193
protein_co	ubiquitin_s	6758	5161	5312	4393	5593	6452	60.75206	59.49576	57.61677	61.29633
protein_co	premature_	1	2	0	2	3	0	0.011898	0.030515	0	0.036935
protein_co	hypoxia_in	85	60	64	396	627	216	0.674619	0.610661	0.612869	4.878267
protein_co	zinc_finger	121	102	100	102	139	126	2.211104	2.390195	2.204813	2.89304
protein_co	zinc_finger	264	243	242	148	174	255	3.175722	3.748471	3.512384	2.763317
protein_co	LY6/PLAUR	6	3	4	99	105	34	0.16608	0.106487	0.13359	4.253365
protein_co	pregnancy_	0	0	0	2	0	0	0	0	0	0.058741
protein_co	Norrie_dise	9	3	7	1	3	0	0.230229	0.098412	0.216055	0.039705
protein_co	ubiquitin_s	3157	2599	2770	5251	5877	3491	14.45482	15.25997	15.30262	37.31733

protein_co	coagulatio	95	68	101	2	2	2	1.113916	1.022462	1.428889	0.036399
protein_co	glutamate_	104	45	65	1389	1715	914	1.25717	0.697561	0.94803	26.06114
protein_co	transcriptic	656	530	528	1141	1206	757	4.022999	4.168035	3.906862	10.86081
protein_co	protein_kir	35	22	40	483	588	247	0.384254	0.30973	0.529857	8.230542
protein_co	butyrophili	400	321	354	181	245	154	5.224514	5.376508	5.578755	3.669399
protein_co	sirtuin_5	150	137	124	256	311	213	3.007055	3.521925	2.9993	7.965639
protein_co	histone_clu	4	0	2	1	1	1	0.525378	0	0.31695	0.203865
protein_co	MRS2_mag	327	248	264	1054	1511	1902	4.628142	4.501114	4.508281	23.15421
protein_co	Werner_he	1201	870	991	814	1076	876	17.38651	16.15095	17.30976	18.29045
protein_co	ribosomal_	1365	1076	1098	670	752	1380	55.22422	55.82369	53.59785	42.07288
pseudogen	butyrophili	151	106	156	38	36	24	2.766859	2.490722	3.448917	1.080747
protein_co	butyrophili	2	1	0	1	0	3	0.032394	0.02077	0	0.02514
protein_co	small_nucl	1102	887	946	1338	1360	1639	49.02543	50.60259	50.77839	92.3903
protein_co	serpin_pep	1221	985	1090	312	363	338	17.53529	18.14023	18.88738	6.954762
protein_co	exportin_5	1266	1047	1130	2283	2394	2477	11.07514	11.7455	11.9273	30.99931
protein_co	ATP-bindin	856	713	738	335	457	438	7.888729	8.426208	8.206117	4.791909
protein_co	histone_clu	0	1	0	16	7	4	0	0.077387	0	1.498683
protein_co	histone_clu	0	0	0	1	0	1	0	0	0	0.194598
protein_co	peroxisoma	1065	887	874	705	872	420	14.35821	15.335	14.21708	14.75266
protein_co	NAD(P)H_d	379	299	257	588	693	613	11.73024	11.8672	9.597297	28.24721
protein_co	prickle_hor	162	125	118	36	48	36	1.924546	1.904288	1.691388	0.663814
protein_co	O-acyl-ADP	226	199	203	412	500	563	3.182325	3.593342	3.448897	9.004588
protein_co	unc-5_hom	9	4	3	112	124	40	0.14133	0.080549	0.056841	2.729852
protein_co	alanyl-tRNA	738	585	677	560	877	751	8.978939	9.127123	9.938147	10.57517
protein_co	histone_clu	0	0	0	0	1	1	0	0	0	0
protein_co	zinc_finger	59	48	62	142	178	84	0.678233	0.707583	0.859937	2.533643
protein_co	ribosomal_	17	11	11	26	36	50	1.020653	0.846899	0.796838	2.422887
protein_co	molybdenu	184	154	168	416	497	418	2.0272	2.175749	2.233244	7.113815
protein_co	histone_clu	25	11	16	59	51	120	1.632661	0.921209	1.260735	5.980513
protein_co	mediator_c	443	299	357	457	548	635	7.983197	6.909611	7.762281	12.78262
protein_co	olfactory_r	0	0	0	4	3	15	0	0	0	0.309044
protein_co	tubulin_fol	423	290	317	410	526	589	9.281459	8.159869	8.392342	13.96337
protein_co	SAM_point	4	2	6	9	6	0	0.098976	0.063462	0.179131	0.345656
protein_co	t-complex_	1	0	1	9	2	0	0.021648	0	0.02612	0.302409
protein_co	MAD2L1_b	307	243	244	314	314	483	9.489278	9.631866	9.099818	15.06451
protein_co	histone_clu	2	5	5	4	5	6	0.198687	0.636968	0.599317	0.616778
protein_co	apolipopro	2	2	4	15	28	8	0.081477	0.104483	0.196613	0.948477
protein_co	kelch_dom	2791	2162	2286	3482	3850	3309	68.55424	68.09881	67.74835	132.7497
protein_co	glycine_N-r	6	5	5	12	22	8	0.262444	0.280456	0.263878	0.814699
protein_co	dynein_axo	0	0	0	1	0	2	0	0	0	0.00512
protein_co	triggering_	73	51	55	0	0	0	1.671373	1.497373	1.519362	0
protein_co	male-enhar	853	617	670	630	676	676	36.72836	34.06803	34.8077	42.10402
protein_co	kelch-like_f	9	10	13	16	10	5	0.073483	0.104701	0.128066	0.202765
protein_co	collagen_ty	18	14	18	112	106	154	0.19452	0.194012	0.234699	1.878621
protein_co	cyclin-depe	7226	5695	5796	1036	1176	160	149.8573	151.4547	145.0295	33.34802
protein_co	SRY_(sex_d	7854	5666	6084	11641	16972	9047	75.52793	69.87191	70.59175	173.7551
protein_co	glyoxalase_	2674	2159	2242	2252	2584	2275	62.31804	64.52298	63.04288	81.46129
protein_co	copine_V	67	62	60	10	14	4	0.806167	0.956645	0.871062	0.186759
protein_co	potassium_	0	0	0	13	19	5	0	0	0	0.554594
protein_co	ras_respons	1226	868	1009	1335	1709	1097	6.340263	5.756332	6.295873	10.7159
protein_co	signal_sequ	4702	3779	3976	1325	1468	1330	22.80245	23.50093	23.26447	9.973445
protein_co	RIO_kinase_	324	251	268	380	384	561	5.406536	5.371024	5.395813	9.842108
protein_co	neuritin_1	117	108	109	3	3	3	3.37816	3.99878	3.797248	0.134445
protein_co	solute_carr	407	297	322	129	149	140	8.930387	8.356832	8.524713	4.393353
protein_co	ribonuclea	96	68	78	90	118	118	3.035362	2.757132	2.97565	4.416846
protein_co	ataxin_1	1005	811	893	142	167	107	4.444866	4.599629	4.76532	0.974791
protein_co	nucleopori	1190	974	1023	1461	1645	1958	10.16933	10.67367	10.54798	19.37877
protein_co	DEK_oncog	2443	1886	2078	3669	3097	4727	33.42641	33.09157	34.30519	77.9192
protein_co	eukaryotic_	63	53	44	100	154	169	2.74287	2.959034	2.311348	6.757642
protein_co	runt-relate	740	527	597	7	9	13	6.089613	5.56132	5.92762	0.08941
protein_co	opsin_5	1	0	0	0	0	0	0.013397	0	0	0
protein_co	glial_cells_	1	2	2	0	2	3	0.019209	0.049267	0.046354	0
protein_co	leucine_ric	2011	1580	1633	1469	1710	1336	21.57799	21.74029	21.14137	24.46534
antisense	-	0	1	1	2	1	0	0	0.026952	0.025359	0.065244
protein_co	RAB17_me	3	2	5	245	271	170	0.043809	0.037452	0.088096	5.553115

protein_co	chemokine	9	4	8	41	82	49	0.24564	0.14	0.263448	1.736887
protein_co	epiregulin	98	90	72	1	0	0	0.994852	1.171613	0.881887	0.015757
lincRNA	-	1	0	3	1	0	0	0.019015	0	0.068827	0.029513
protein_co	myelin_reg	213	181	195	187	187	83	1.685098	1.836257	1.86135	2.296241
protein_co	AHNAK_nu	32819	26611	28711	1063	1067	678	81.91215	85.17134	86.46081	4.118003
protein_co	ER_membr	547	414	420	351	417	418	9.236168	8.964255	8.556612	9.199031
protein_co	ssu-2_hom	5	3	9	2	3	7	0.072833	0.056039	0.158179	0.045219
protein_co	wingless-ty	0	0	0	0	1	0	0	0	0	0
protein_co	SH3_doma	768	585	710	3	7	6	6.177995	6.034642	6.891166	0.037457
protein_co	CCR4-NOT_	3657	2973	3257	5447	6191	4795	20.2428	21.10328	21.75262	46.79868
protein_co	leucine_ric	17	10	16	4	2	7	0.410892	0.309947	0.466602	0.150061
protein_co	Bardet-Biec	689	572	638	365	389	209	5.319813	5.663468	5.943549	4.374218
protein_co	metallothic	1	0	2	340	308	169	0.074666	0	0.180177	39.40308
protein_co	metallothic	2288	1718	1918	280	257	310	118.8088	114.3998	120.1681	22.56738
protein_co	chromosor	318	215	225	247	239	232	5.204546	4.512358	4.443102	6.274559
protein_co	glutamic-o	1594	1223	1300	2365	2598	2914	30.35852	29.86951	29.87334	69.91236
protein_co	docking_pr	870	680	672	453	586	455	14.45582	14.48911	13.47227	11.68294
protein_co	G_protein-	2	2	1	7	12	3	0.05523	0.070824	0.033319	0.300035
protein_co	citrate_lya	24	23	13	91	145	55	0.198581	0.244042	0.129783	1.168689
protein_co	transmemb	1408	1179	1128	898	1114	634	18.32902	19.68157	17.71715	18.14444
protein_co	RAP2A_me	1061	840	909	625	765	658	9.066942	9.205218	9.372541	8.290027
protein_co	ATP-bindin	329	271	295	134	150	158	2.642936	2.791704	2.859307	1.670806
protein_co	ephrin-B2	1106	751	843	675	714	1158	11.62528	10.12273	10.69113	11.01241
protein_co	SRY_(sex_d	1	1	1	172	263	499	0.018726	0.024013	0.022594	4.999252
protein_co	transmemb	3188	2583	2740	1545	1855	1924	43.58174	45.28142	45.19443	32.78274
protein_co	chromosor	222	213	226	332	417	383	3.820031	4.700054	4.692134	8.867117
protein_co	kinesin_fan	0	0	1	33	37	16	0	0	0.035075	1.488985
protein_co	interferon_	184	167	158	67	57	24	1.674318	1.948705	1.734704	0.946293
protein_co	UPF3_regul	329	268	307	612	655	859	6.487307	6.776613	7.303902	18.73055
protein_co	ring_finger	128	99	107	203	200	122	4.634689	4.596795	4.674578	11.40873
protein_co	septin_6	3704	3027	3140	1188	1249	978	37.00056	38.77565	37.84557	18.41977
protein_co	transmemb	0	1	3	1	1	1	0	0.017556	0.049555	0.02125
protein_co	NADH_deh	812	621	736	596	629	501	49.70587	48.74752	54.35975	56.62763
protein_co	amelogenir	5	1	0	0	0	0	0.280779	0.072012	0	0
protein_co	ATP_syntha	88	66	86	92	139	132	2.054941	1.976378	2.423054	3.334533
protein_co	bone_morp	754	646	695	99	150	341	18.44292	20.26283	20.5112	3.758581
protein_co	prostaglan	3	1	4	8	8	19	0.059031	0.025233	0.094965	0.24433
protein_co	family_witl	898	724	774	542	609	572	8.68907	8.983486	9.036203	8.140044
protein_co	G_protein-	194	149	175	38	51	55	4.131091	4.068728	4.496237	1.255964
protein_co	SRY_(sex_d	2232	1685	1871	157	203	232	26.59683	25.74808	26.90032	2.903794
protein_co	tektin_3	5	5	5	13	14	12	0.128819	0.165192	0.155427	0.519856
protein_co	myosin_he	0	0	0	7	4	6	0	0	0	0.080369
protein_co	heparan_su	1399	1030	997	299	296	239	12.22268	11.53972	10.50974	4.054623
protein_co	solute_carr	61	40	53	59	60	41	1.027034	0.863624	1.076661	1.541834
protein_co	mitochond	611	482	591	803	839	1242	16.68596	16.87977	19.47357	34.03738
protein_co	golgi-associ	926	685	736	1029	1245	1152	8.444215	8.01029	8.097933	14.56445
protein_co	armadillo_	157	137	128	180	215	210	3.462715	3.87478	3.406239	6.161978
protein_co	nucleopori	924	732	743	890	946	1201	19.40277	19.71116	18.82472	29.00762
protein_co	solute_carr	72	50	54	105	143	128	1.44834	1.289785	1.310629	3.278369
protein_co	MIF4G_dor	93	80	83	298	370	191	2.848316	3.141988	3.067124	14.16615
protein_co	5'_3'-nucle	443	360	330	602	736	606	15.79641	16.46139	14.19766	33.31821
protein_co	misato_hor	538	368	422	201	230	315	10.13126	8.886653	9.588298	5.874996
protein_co	chromosor	3	0	0	30	25	22	0.052158	0	0	0.809564
protein_co	transcriptic	405	382	371	498	654	813	6.222299	7.526075	6.877298	11.8756
protein_co	general_tra	1171	879	973	1343	1614	1808	6.071902	5.844752	6.087357	10.80872
protein_co	DEAD_(Asp-	338	241	283	457	520	526	3.46271	3.166109	3.498114	7.266849
protein_co	BarH-like_h	4	0	1	1	0	0	0.08012	0	0.024167	0.031089
protein_co	protein_ph	2137	1606	1686	1083	1506	1267	24.19801	23.32008	23.03461	19.03418
protein_co	membrane_	3450	2701	2843	2152	2661	2044	53.23151	53.44211	52.92667	51.53739
protein_co	src-related_	2	0	0	5	6	1	0.06186	0	0	0.240039
protein_co	opiate_rece	193	186	196	89	115	26	2.68619	3.319722	3.291421	1.922648
lincRNA	long_interg	0	0	0	5	3	2	0	0	0	0.223114
protein_co	SLC2A4_reg	2464	1707	1818	701	975	498	66.74581	59.29611	59.41899	29.47351
protein_co	neuropepti	0	0	0	1	3	0	0	0	0	0.053831
protein_co	chromosor	10	16	17	33	48	17	0.412401	0.846154	0.845896	2.112343

protein_co	basic_helix	2	0	1	29	31	14	0.088723	0	0.053525	1.996797
protein_co	pancreatic_	2471	1747	1746	1209	1548	951	133.4853	121.0216	113.8028	101.3719
protein_co	interleukin	0	1	2	3	2	1	0	0.036867	0.069375	0.133868
protein_co	plasminoge	3	3	2	0	0	0	0.067728	0.086851	0.054478	0
protein_co	interleukin	1	0	2	0	4	1	0.060738	0	0.146569	0
protein_co	coiled-coil-	315	233	249	294	285	326	4.514167	4.281859	4.30541	6.539505
protein_co	paired_box	216	174	185	48	53	27	2.479981	2.561847	2.562798	0.855394
protein_co	insulin_ind	218	180	225	144	101	104	3.209427	3.39823	3.9967	3.290515
protein_co	polymerase	358	289	276	656	655	817	3.682893	3.81253	3.425809	10.47467
pseudogen	5-hydroxyt	2	2	2	2	0	1	0.078609	0.100804	0.094846	0.122011
protein_co	coiled-coil_	918	754	790	421	467	239	6.239315	6.571658	6.478424	4.441266
protein_co	pleckstrin_	243	179	171	32	42	28	2.034692	1.922006	1.727573	0.415885
protein_co	solute_carr	1780	1463	1569	1129	1452	1181	24.36912	25.68464	25.91736	23.99077
protein_co	persephin	100	65	90	59	91	57	1.198927	0.999345	1.301917	1.097931
protein_co	general_tra	2856	2107	2267	1789	2154	1939	49.03621	46.39088	46.96326	47.67597
protein_co	alkB_alkyla	988	763	780	1076	1469	767	41.73634	41.33246	39.75576	70.55051
protein_co	ClpP_casei	1336	1061	1118	955	1081	849	46.54165	47.398	46.99214	51.63797
protein_co	tumor_nec	244	200	210	14	21	14	6.904746	7.25767	7.1701	0.614917
protein_co	glutamate_	129	112	146	22	19	27	1.169531	1.302115	1.597066	0.309582
protein_co	THO_comp	1327	1076	1182	839	652	1107	11.09343	11.53497	11.92231	10.88648
protein_co	mediator_c	1723	1398	1528	958	1198	1279	13.82469	14.38423	14.7925	11.93071
protein_co	ribosomal_	8857	7187	7293	11757	12240	11195	134.7955	140.2638	133.9192	277.7255
protein_co	autophagy_	143	119	132	210	238	198	2.282257	2.435482	2.541854	5.202096
protein_co	CD70_mole	151	146	164	1	10	4	7.755085	9.615499	10.16252	0.079715
protein_co	complemer	1	0	3	148	200	27	0.008909	0	0.032249	2.046629
protein_co	SH2_domai	14	9	6	398	463	389	0.187936	0.154929	0.097181	8.292688
protein_co	thyroid_ho	958	743	829	1441	1793	964	19.9736	19.86502	20.8542	46.63214
protein_co	G_protein-	569	448	497	687	824	493	12.97055	13.09584	13.66943	24.30711
protein_co	tumor_nec	0	0	0	1	0	1	0	0	0	0.026123
protein_co	FBJ_murine	16	15	10	18	15	14	0.198739	0.238926	0.149869	0.34703
protein_co	optic_atrop	822	659	776	540	727	637	4.923811	5.062026	5.608405	5.020579
protein_co	small_nucl	2543	2038	2180	3040	3274	2949	132.3433	136.0095	136.8863	245.5611
protein_co	reticulon_2	102	63	59	316	426	205	2.029182	1.607203	1.416188	9.757496
protein_co	echinoderm	338	334	363	474	552	151	5.678547	7.195755	7.358262	12.36031
protein_co	vasodilator	2055	1542	1603	1809	2271	1786	41.80433	40.22566	39.34513	57.11872
protein_co	symplekin	2953	2171	2405	2226	2943	2240	21.18192	19.96968	20.81445	24.78321
protein_co	glyceropho	334	332	295	175	211	207	2.355432	3.00242	2.510118	1.915546
protein_co	syndecan_b	20	9	11	30	44	27	0.61738	0.356266	0.409698	1.437389
protein_co	pantothena	994	758	856	818	1053	1037	9.679891	9.465916	10.05787	12.36425
protein_co	transglutar	0	0	0	0	2	4	0	0	0	0
protein_co	gonadotrop	3	3	1	3	2	9	0.185581	0.237981	0.074638	0.288047
protein_co	forkhead_b	0	0	0	30	41	247	0	0	0	0.901484
processed_	family_witl	0	0	2	5	8	0	0	0	0.022318	0.071775
protein_co	CD93_mole	6	7	8	0	0	0	0.041941	0.062747	0.067472	0
protein_co	GDNF-indu	403	372	317	228	304	343	3.90831	4.626326	3.709294	3.432015
protein_co	N-ethylmal	110	101	119	188	227	177	1.344254	1.582775	1.754622	3.565964
protein_co	NK2_home	0	0	0	1	1	4	0	0	0	0.03252
protein_co	centromere	3198	2249	2557	1254	2031	1623	52.8008	47.61687	50.93788	32.13587
protein_co	proteasom	1917	1453	1553	1099	1169	1353	20.95295	20.36564	20.4806	18.64452
protein_co	NK2_home	0	0	0	0	2	0	0	0	0	0
protein_co	D-tyrosyl-tl	775	690	582	1160	1396	1065	15.24319	17.40334	13.81164	35.41299
protein_co	RanBP-type	1899	1301	1385	792	1034	797	32.09955	28.20074	28.24696	20.77924
protein_co	thioredoxi	961	735	823	134	173	202	7.304475	7.164111	7.54768	1.580887
protein_co	serine/thre	1355	1059	1104	1441	2010	2117	9.504259	9.525423	9.34321	15.68821
protein_co	small_nucl	2596	1992	2006	3653	4324	4310	83.9493	82.6059	78.26928	183.3549
protein_co	neurensin_	1454	1144	1237	346	417	335	32.65234	32.94468	33.51719	12.06025
protein_co	adaptor-rel	392	280	334	40	62	98	9.946367	9.110575	10.22523	1.57532
protein_co	ribosome_l	15923	12579	13388	4033	6077	4224	148.1114	150.0442	150.2545	58.22673
protein_co	bone_morp	263	197	186	39	45	302	3.424625	3.289522	2.922256	0.788229
protein_co	zinc_finger_	331	293	297	393	403	197	3.822807	4.339416	4.138651	7.044941
protein_co	fibronectin	127	66	113	6	3	20	1.246866	0.830939	1.338575	0.091432
protein_co	ovo-like_2_	0	0	1	291	310	182	0	0	0.036383	13.61989
protein_co	proprotein	2	0	1	7	7	5	0.019785	0	0.011936	0.107481
protein_co	GDNF_fami	0	0	0	1	0	0	0	0	0	0.051002
protein_co	McKusick-K	456	334	410	568	773	611	8.029233	7.541627	8.710461	15.52344

protein_co	beaded_fila	149	111	127	66	83	75	3.16566	3.024199	3.255591	2.176469
protein_co	destrin_(ac	4218	3457	3603	1607	2086	2014	101.9495	107.1488	105.073	60.28719
protein_co	lysosomal-a	5	3	4	9	20	29	0.114983	0.08847	0.110987	0.321245
protein_co	small_nucl	1012	817	812	832	902	1254	28.50012	29.50513	27.59118	36.36804
protein_co	mitochond	523	478	443	888	868	723	10.49806	12.30396	10.729	27.66629
protein_co	leucine_ric	26	15	13	5	8	26	0.452875	0.335047	0.27321	0.135178
protein_co	TBC1_dom	1664	1303	1387	380	429	335	15.01925	15.08164	15.10495	5.323643
protein_co	inosine_tri	1001	758	839	876	1098	1193	39.6092	38.46277	40.05641	53.80178
protein_co	transcriptic	0	0	1	75	137	50	0	0	0.036383	3.51028
protein_co	minichrom	531	416	481	434	516	592	6.70218	6.733242	7.325119	8.502405
protein_co	transmemb	5	2	1	99	122	34	0.13552	0.069514	0.032703	4.164856
protein_co	family_witl	79	78	56	182	202	114	1.995857	2.527007	1.70702	7.136812
protein_co	mitochond	698	491	539	1122	1460	1213	29.04102	26.19674	27.05785	72.45691
protein_co	sphingosin	0	1	1	1	4	1	0	0.037723	0.035493	0.045659
protein_co	nicalin	3927	2754	3021	2277	3057	3721	45.9768	41.34768	42.67531	41.37818
protein_co	Cbp/p300-i	15	16	12	9	20	9	0.571365	0.781541	0.551508	0.532103
protein_co	heterogene	3938	3230	3359	2369	2684	3831	24.15026	25.40142	24.85445	22.54974
protein_co	zinc_finger	403	308	320	18	19	16	4.641778	4.549245	4.447104	0.321797
protein_co	MYC_associ	588	484	463	251	316	323	8.738932	9.224349	8.302523	5.790089
protein_co	armadillo_	270	195	257	194	230	218	2.728514	2.527007	3.1336	3.042949
protein_co	growth_dif	12	6	7	3	1	0	0.218771	0.140272	0.153977	0.084891
protein_co	matrix_me	61	42	38	353	507	504	0.648298	0.572405	0.487278	5.823044
protein_co	N-terminal	375	289	300	281	357	169	8.209037	8.11275	7.92374	9.547677
protein_co	inhibitor_c	540	439	433	975	1629	2397	20.72063	21.60146	20.0468	58.06899
protein_co	RNA_bindi	4740	3667	3826	4516	6126	4281	122.3218	121.3517	119.1293	180.888
protein_co	dynein_ligh	1774	1451	1436	936	923	874	56.81891	59.59586	55.49346	46.53135
protein_co	eukaryotic_	2704	2055	2106	3325	3685	3916	47.73743	46.52362	44.85994	91.11176
protein_co	ERGIC_and_	3412	2767	2778	2025	2178	1902	56.17582	58.41964	55.18496	51.74828
protein_co	reactive_ox	927	709	745	819	1021	744	87.28322	85.60648	84.63605	119.6921
pseudogen	BPI_fold_c	1	1	0	0	2	3	0.039805	0.051044	0	0
protein_co	family_witl	2	0	0	0	0	0	0.029819	0	0	0
protein_co	BPI_fold_c	0	1	0	0	0	0	0	0.031107	0	0
protein_co	centrosom	956	764	823	1146	1387	703	5.337801	5.470251	5.544373	9.931609
protein_co	pleiomorph	722	550	607	738	906	882	5.934197	5.796913	6.019515	9.41481
antisense	MMP24_an	404	279	310	144	170	134	12.504	11.07341	11.57651	6.917684
protein_co	gastrin-rele	5	9	12	54	56	66	0.12154	0.280543	0.351947	2.037382
protein_co	lysine_(K)-s	4109	3084	3283	3356	3989	3066	31.60615	30.42	30.46873	40.0671
protein_co	angiomotin	1038	803	825	128	120	100	7.008184	6.952372	6.720632	1.34137
protein_co	transmemb	730	565	576	413	514	435	15.58021	15.46351	14.83272	13.68141
protein_co	proteasom	2602	2025	2168	1923	2070	2375	45.17135	45.08065	45.41122	51.8162
protein_co	argonaute_	376	298	324	241	268	176	4.831638	4.910573	5.023421	4.806778
protein_co	uroporphyr	1398	1024	1068	1139	1203	1339	35.47199	33.31867	32.69623	44.85725
protein_co	ST3_beta-g	453	453	444	77	68	53	8.673409	11.12242	10.25705	2.288299
protein_co	transmemb	245	153	171	88	107	90	4.973184	3.982623	4.188057	2.772564
protein_co	HECT_dom	941	763	819	968	1134	1087	12.22258	12.70887	12.83527	19.51547
protein_co	kinesin_ligh	678	539	620	350	509	374	9.781979	9.972295	10.79287	7.837825
protein_co	X-ray_repai	925	725	766	1049	1309	1175	11.82477	11.88498	11.81484	20.81407
protein_co	tubulin_ga	637	515	520	466	506	496	7.672474	7.954494	7.556964	8.71189
protein_co	MCF.2_cell	260	207	181	447	738	498	1.852797	1.891621	1.556256	4.94416
protein_co	coagulatio	6	2	6	6	21	6	0.185458	0.079275	0.223766	0.287857
protein_co	PCI_domai	577	494	507	614	702	742	6.438729	7.069043	6.826221	10.63465
protein_co	protein_Z_	4	4	1	10	18	9	0.120928	0.155074	0.036477	0.469244
protein_co	secreted_L	0	0	0	0	1	0	0	0	0	0
protein_co	leucine_ric	704	498	574	419	606	334	8.94838	8.117278	8.80302	8.266397
protein_co	IGF-like_fa	0	1	1	1	3	2	0	0.050318	0.047344	0.060904
protein_co	calpain_sm	6186	4764	5093	2095	2296	2198	151.2313	149.3526	150.2289	79.49619
protein_co	programme	26	17	24	96	98	79	0.879611	0.737523	0.979662	5.041025
protein_co	RNA_bindi	2464	1781	1912	1860	2384	2034	68.77203	63.74474	64.38831	80.57764
protein_co	kin_of_IRR	1	0	1	82	167	66	0.015938	0	0.01923	2.028533
protein_co	ubiquitin-li	1761	1464	1536	2644	2687	2907	29.46942	31.41685	31.01355	68.67587
protein_co	free_fatty_a	2	0	0	0	0	0	0.044008	0	0	0
protein_co	hematopoi	3	1	1	14	5	8	0.229478	0.098091	0.092293	1.662181
protein_co	free_fatty_a	0	0	0	0	1	0	0	0	0	0
protein_co	cytochrom	2163	1680	1814	2225	2287	2026	152.0586	151.4514	153.865	242.7812
protein_co	thyroid_ho	830	610	652	436	507	352	7.950708	7.493192	7.535695	6.482532

protein_co	chemokine	0	0	0	4	5	6	0	0	0	0.133971
protein_co	nuclear_rec	128	86	98	128	186	85	2.165196	1.865499	2.000144	3.360683
protein_co	FERM_dom	1521	1126	1145	446	662	392	19.15652	18.18591	17.39967	8.718719
protein_co	peroxiredo	6628	5031	5235	3315	3830	2833	348.0258	338.7604	331.6604	270.1736
protein_co	BCL2-like_1	759	636	615	1300	1705	1542	24.87039	26.72435	24.31442	66.11722
protein_co	interferon_	1480	1135	1224	1298	1662	1310	24.14656	23.74646	24.09479	32.86993
protein_co	protein_arg	4601	3571	3808	8295	9066	8722	127.9602	127.3568	127.7814	358.0714
protein_co	related_RA	1189	935	956	291	330	141	53.40252	53.85188	51.80669	20.28632
protein_co	proline_ric	4	4	7	40	70	47	0.118484	0.151939	0.250176	1.839035
protein_co	SR-related_	4877	3458	3800	3919	5355	3472	53.1079	48.28816	49.92729	66.23875
protein_co	proline_ric	2402	1700	1942	2650	4027	3207	16.19408	14.69743	15.79722	27.73062
protein_co	testis-speci	1	0	0	24	42	11	0.024902	0	0	0.927624
protein_co	fibronectin	4	6	4	23	54	13	0.047496	0.09136	0.057306	0.423888
protein_co	argininosuc	280	191	214	181	223	162	6.126554	5.359212	5.64963	6.147057
protein_co	Shwachma	441	360	392	191	205	267	12.67842	13.27206	13.59755	8.522956
protein_co	histatin_1	1	0	0	0	0	0	0.012595	0	0	0
protein_co	signal_tran	249	185	197	258	329	106	2.714628	2.586378	2.591345	4.365773
protein_co	WNK_lysin	271	243	266	35	66	18	3.176005	3.651972	3.761331	0.636664
protein_co	beclin_1_a	769	622	713	396	457	470	14.40033	14.9364	16.10956	11.5099
protein_co	protein_kir	0	2	1	390	493	302	0	0.038385	0.018058	9.059726
protein_co	TNF_recept	507	373	379	1284	1614	1049	10.2959	9.713475	9.286322	40.47175
protein_co	GLIS_family	1139	848	846	587	752	374	11.95071	11.40973	10.70997	9.559576
protein_co	nuclear_sp	574	490	566	389	386	651	10.59224	11.59528	12.60202	11.14181
protein_co	DnaJ_(Hsp4	1827	1470	1599	1490	1651	1782	53.54254	55.24425	56.54015	67.77619
protein_co	AT_hook_D	2108	1469	1527	1055	1405	604	15.35324	13.7202	13.41889	11.92648
protein_co	interferon_	219	209	228	14	15	32	12.21036	14.94308	15.33795	1.211554
protein_co	dachshund	0	0	0	34	43	29	0	0	0	0.443302
protein_co	zinc_finger_	867	713	700	672	832	833	12.37177	13.04703	12.05199	14.88376
processed_	EMG1_nucl	25	15	22	36	47	70	0.744286	0.572665	0.790261	1.663538
protein_co	synovial_sa	0	0	0	0	1	0	0	0	0	0
protein_co	ubiquitous	265	215	251	166	177	148	13.89917	14.46075	15.88417	13.51392
protein_co	complemer	12	7	10	23	20	13	0.139277	0.104185	0.140038	0.41434
protein_co	ELK1_mem	1386	1050	1091	804	1085	795	24.11487	23.42719	22.90311	21.71242
protein_co	translocase	933	675	725	1149	1363	955	28.63114	26.56257	26.84374	54.72774
protein_co	pecanex-lik	1197	958	991	419	514	368	12.02901	12.34555	12.01593	6.53552
protein_co	autophagy_	406	308	362	280	377	552	4.014624	3.90552	4.318923	4.297416
protein_co	kinectin_1_	4236	3666	3880	2637	1663	2846	31.82601	35.32059	35.17272	30.75154
protein_co	SIX_homeo	2635	2080	2067	7	4	16	30.91198	31.29096	29.25734	0.12746
protein_co	ras_homol	1672	1416	1516	0	0	0	23.74322	25.78552	25.9747	0
protein_co	discs_large_	1090	932	945	2327	1904	2049	17.19143	18.84997	17.98313	56.96556
protein_co	L-3-hydrox	545	402	456	59	99	93	16.73547	15.82985	16.89485	2.812055
protein_co	heat_shock	97	96	84	963	1272	389	1.643777	2.08618	1.717507	25.32958
protein_co	zinc_finger_	677	586	585	284	376	559	7.706856	8.554518	8.035123	5.018078
protein_co	tRNA_meth	305	237	237	395	441	408	2.566204	2.557108	2.405956	5.158446
protein_co	sphingosin	497	351	388	181	256	127	7.036334	6.372451	6.627807	3.977399
protein_co	pleckstrin_	743	568	595	1584	1729	1344	4.984874	4.886783	4.816487	16.49495
protein_co	pregnancy-	0	0	0	9	6	3	0	0	0	0.142086
protein_co	PR_domair	0	2	0	1	2	3	0	0.040946	0	0.02478
protein_co	ras_homol	445	317	317	510	525	353	6.328801	5.78136	5.439622	11.25802
protein_co	ecotropic_	5	6	6	2	4	1	0.126048	0.193967	0.182502	0.078258
protein_co	oligodendr	7	13	11	3	6	2	0.110702	0.263638	0.209892	0.073639
protein_co	WD_repeat	581	475	517	490	584	329	5.035693	5.279418	5.406569	6.591886
protein_co	allograft_in	21	19	9	2470	2954	3355	0.28014	0.325026	0.144859	51.14256
protein_co	family_with	60	46	34	114	169	49	0.616974	0.606573	0.421835	1.819495
protein_co	nucleopori	1442	1138	1334	939	1145	1202	8.896764	9.003646	9.93049	8.992136
protein_co	arginine_va	0	0	0	6	7	10	0	0	0	0.247691
protein_co	solute_carr	656	507	487	217	316	238	14.46161	14.33277	12.95358	7.425114
protein_co	mitogen-ac	4431	3286	3615	3155	4131	2915	71.00809	67.52786	69.89762	78.47583
protein_co	heterogene	1185	956	993	809	843	1153	24.99535	25.85879	25.27192	26.48622
protein_co	armadillo_	593	429	524	404	528	457	12.98729	12.04843	13.8466	13.73332
protein_co	transmemb	366	312	361	108	95	69	7.818563	8.546923	9.304673	3.580965
protein_co	translocase	189	132	145	222	231	324	5.325849	4.769912	4.929957	9.709805
protein_co	zinc_finger_	317	219	262	444	420	515	3.58431	3.17541	3.574339	7.792195
protein_co	calnexin	12583	9796	10852	6328	7318	8618	138.5017	138.2703	144.1215	108.1105
protein_co	cleavage_a	2407	1759	1937	1847	2467	2173	36.65615	34.35151	35.59167	43.65843

protein_co	regulator_c	0	1	0	0	0	0	0	0.011746	0	0
protein_co	inositol_13	95	58	69	74	98	96	1.012168	0.79244	0.887005	1.223746
protein_co	zinc_finger_	88	74	83	114	106	74	1.297585	1.399247	1.476656	2.609087
protein_co	osteomodu	35	23	21	2	3	1	0.670131	0.564714	0.485131	0.059436
protein_co	FYVE_RhoG	2	0	2	47	56	25	0.019966	0	0.02409	0.728263
protein_co	human_imı	1566	1197	1346	12	11	14	5.960692	5.842631	6.181559	0.070895
protein_co	phosphopa	563	407	445	454	568	321	16.32596	15.13471	15.56963	20.43416
protein_co	endothelin	1	0	0	0	0	0	0.037784	0	0	0
protein_co	B-cell_CLL/	22	26	35	326	445	264	0.135681	0.205626	0.260442	3.120639
protein_co	cytochrom	3422	2606	2702	4868	4597	4256	101.299	98.92566	96.50695	223.6692
protein_co	TNF_recept	429	343	339	804	1078	619	8.336435	8.547252	7.948237	24.24988
protein_co	abhydrolas	359	253	283	317	432	247	8.054314	7.27887	7.660702	11.03885
protein_co	mannan-bi	3	2	6	40	66	19	0.023516	0.020104	0.056746	0.486659
protein_co	HRAS-like_s	16	13	19	44	65	60	0.70379	0.73329	1.008381	3.004044
protein_co	helicase_(D	54	47	42	124	121	98	0.706096	0.788093	0.662624	2.516647
protein_co	RAP1B_me	1981	1533	1715	692	766	863	43.6304	43.29684	45.57397	23.656
protein_co	tetraspanir	56	36	37	0	4	1	1.732085	1.427884	1.380801	0
protein_co	bestrophin	0	1	2	0	0	0	0	0.017024	0.032036	0
protein_co	RAB3A_inte	118	97	100	556	557	401	0.573608	0.604664	0.586518	4.195062
protein_co	protein_tyı	20	15	18	127	113	48	0.082757	0.079593	0.089866	0.815658
protein_co	dual-specifi	1671	1246	1446	917	1115	943	8.791878	8.406836	9.179553	7.488676
protein_co	YEATS_dom	153	104	117	396	477	437	5.00291	4.360878	4.615993	20.09819
protein_co	taste_recep	3	0	2	7	7	1	0.127766	0	0.102771	0.462724
protein_co	taste_recep	0	4	2	7	7	9	0	0.241971	0.113834	0.512534
protein_co	taste_recep	5	6	4	13	24	7	0.20387	0.313721	0.196784	0.822728
protein_co	crystallin_g	1	0	0	24	26	11	0.01981	0	0	0.737945
protein_co	leucine_ric	0	0	0	10	13	23	0	0	0	0.387745
protein_co	iduronidas	385	306	313	31	70	22	8.019839	8.174019	7.866785	1.002298
protein_co	fibroblast_	3759	2820	3151	633	795	548	48.43627	46.59687	48.98857	12.65997
protein_co	transmemb	340	207	242	56	83	87	7.129967	5.566578	6.123109	1.82275
protein_co	aurora_kin	84	83	79	224	268	293	1.861418	2.358588	2.112223	7.704478
protein_co	peptidylpr	2048	1490	1605	1400	1876	1697	23.87637	22.27583	22.57675	25.3336
protein_co	F-box_and_	758	538	596	428	596	599	18.51179	16.84887	17.56198	16.22383
protein_co	ER_membr	3072	2435	2557	1175	1263	1569	21.61557	21.9712	21.70822	12.83257
protein_co	phospholip	0	0	0	1	5	2	0	0	0	0.038899
protein_co	ubiquitin_p	6697	5160	5652	5508	6839	5407	19.6941	19.45875	20.05423	25.14087
protein_co	heterochro	3845	3354	3330	1042	1317	1221	37.38949	41.824	39.07018	15.7272
protein_co	egf-like_mo	7	5	10	62	70	44	0.048505	0.044429	0.083605	0.666817
protein_co	SIN3_trans	2119	1598	1705	1723	2242	1704	19.37219	18.73414	18.80703	24.44913
protein_co	solute_carr	1635	1231	1317	482	636	668	15.03534	14.51653	14.61266	6.879754
protein_co	epidermal_	751	553	645	770	841	590	8.994739	8.49343	9.320869	14.31429
protein_co	Kruppel-lik	303	191	204	3	7	12	7.040473	5.691175	5.719228	0.108196
protein_co	olfactory_r	0	0	0	1	0	0	0	0	0	0.068274
protein_co	coagulatio	2	1	1	2	7	3	0.027003	0.017314	0.01629	0.041912
protein_co	ubiquinol-c	15	4	14	10	15	12	0.534867	0.182904	0.602325	0.553459
protein_co	growth_fac	379	237	250	525	780	480	7.578387	6.077084	6.031504	16.29399
protein_co	synaptogyr	41	45	24	679	962	431	0.937343	1.319279	0.662024	24.09434
protein_co	protein_kir	563	349	443	1310	1813	1410	11.43808	9.092417	10.85916	41.30916
protein_co	WAP_follist	10	5	4	90	208	42	0.096125	0.061634	0.046392	1.342801
protein_co	WD_repeat	392	308	289	478	623	448	5.664372	5.707235	5.03862	10.72072
protein_co	F-box_and_	114	57	67	753	1064	292	1.507037	0.966281	1.068666	15.45058
protein_co	CTF18_chro	1039	757	896	1566	2235	1480	10.84084	10.12867	11.27985	25.36119
protein_co	guanine_nu	3	0	2	5	2	7	0.142957	0	0.114991	0.369816
pseudogen	tubulin_be	24	13	13	20	14	21	0.683694	0.474901	0.44683	0.884323
protein_co	microtubul	10076	8581	9338	4766	5442	4792	19.02948	20.78193	21.27848	13.97086
protein_co	SWI/SNF_re	8967	6896	7324	10552	13093	10633	72.61879	71.61573	71.56459	132.6377
protein_co	lysine_(K)-s	1556	1200	1371	2606	2530	1422	13.04503	12.90108	13.86823	33.91099
protein_co	toll-like_re	3	1	2	19	19	0	0.052567	0.02247	0.042284	0.516747
protein_co	gigaxonin	129	89	107	157	197	155	1.288352	1.139841	1.289367	2.433744
protein_co	methyltran	32	21	31	23	23	58	0.716904	0.603309	0.837955	0.799778
protein_co	interleukin	6	1	4	2	0	0	0.404224	0.086393	0.325147	0.209137
protein_co	ER_membr	2	1	3	1	4	2	0.123071	0.07891	0.222738	0.095512
protein_co	methyltran	674	577	573	970	1228	1258	7.399642	8.123365	7.590205	16.52925
protein_co	tubulin_alp	219	162	219	644	610	670	4.109209	3.89797	4.957997	18.75558
protein_co	villin_1	0	0	0	3	13	16	0	0	0	0.033431

protein_co	angio-assoc	1507	1168	1186	1915	2195	1992	31.12919	30.93903	29.55883	61.39794
protein_co	paroxysmal	1029	793	764	732	873	587	15.97148	15.78382	14.30774	17.63483
protein_co	tumor_nec	1548	1208	1255	3	0	23	17.48633	17.49863	17.10486	0.052599
protein_co	ring_finger_	712	608	602	210	179	262	8.633486	9.454077	8.807462	3.952355
protein_co	enoyl_CoA_	1961	1554	1535	1323	1499	1714	56.86538	57.78708	53.70649	59.54711
protein_co	zinc_finger_	0	0	1	0	0	0	0	0	0.020358	0
protein_co	A_kinase_(I	1977	1681	1887	874	358	757	7.430987	8.10246	8.557754	5.098962
protein_co	guanine_nu	1255	1007	1080	50	87	81	61.04458	62.81193	63.38335	3.774886
protein_co	split_hand/	1696	1278	1406	1390	1166	1582	28.6785	27.71218	28.6856	36.48176
protein_co	guanine_nu	3	1	0	18	25	28	0.072398	0.030947	0	0.674234
protein_co	huntingtin_	2736	2147	2420	2655	3104	2506	16.01037	16.11115	17.08632	24.11461
protein_co	protein_tyr	1165	1044	1052	1091	1473	1463	16.03842	18.43086	17.47429	23.31261
protein_co	P450_(cytc	1434	1144	1220	2641	3351	2407	26.55619	27.16765	27.25992	75.9129
protein_co	fibrinogen-	30	28	24	5	5	1	0.330134	0.395127	0.31866	0.085402
protein_co	serine/thre	323	275	269	267	297	215	9.6468	10.53229	9.69351	12.3772
protein_co	STEAP_fami	1	0	0	2	1	0	0.010535	0	0	0.032703
protein_co	guanine_nu	1970	1542	1620	468	546	349	27.59884	27.70246	27.38342	10.17656
pseudogen	postmeioti	143	85	110	89	134	92	4.500183	3.430223	4.176715	4.34725
protein_co	peroxisoma	244	174	199	454	633	369	2.145352	1.961857	2.111105	6.195768
protein_co	mitochond	105	103	98	107	93	211	1.268277	1.595407	1.428233	2.006038
protein_co	sarcoglycar	716	549	530	269	281	232	17.94402	17.64364	16.0262	10.4638
protein_co	RNA_bindi	172	145	162	98	108	152	1.970458	2.130178	2.239245	1.74259
protein_co	CAS1_dom	478	328	338	289	347	369	5.685801	5.00319	4.850969	5.335708
protein_co	zinc_finger_	177	153	145	92	98	249	0.957823	1.061726	0.946734	0.772734
protein_co	leucine_ric	109	95	82	220	280	127	1.511686	1.689539	1.372136	4.735746
protein_co	ZFP36_ring	190	143	144	116	125	123	4.9883	4.814424	4.561519	4.72702
protein_co	steroid_5_a	318	197	214	247	413	280	3.558717	2.827105	2.889537	4.290361
protein_co	serine_pep	1	0	2	12	13	11	0.061455	0	0.148298	1.144636
protein_co	RAS-like_fa	2219	1719	1936	710	827	502	52.2072	51.86308	54.95744	25.92758
protein_co	phosphorib	3387	2721	2917	8624	9125	10446	47.54985	48.98598	49.4104	187.9201
protein_co	kinase_inse	1308	873	971	2475	3654	2871	10.51829	9.002454	9.421165	30.89179
protein_co	phosphorib	462	375	434	1079	1210	1083	5.358196	5.577213	6.073156	19.42355
protein_co	tubulin_ga	1315	1000	1087	821	1121	928	10.18675	9.933883	10.15985	9.871505
protein_co	adrenomed	300	211	240	318	455	185	3.289758	2.967116	3.175426	5.41253
protein_co	DiGeorge_s	847	600	685	630	793	825	34.41581	31.26333	33.58251	39.73247
protein_co	DiGeorge_s	963	765	881	581	793	1536	9.617697	9.797507	10.61619	9.006404
protein_co	aspartate_b	447	311	329	236	278	113	6.243622	5.570559	5.544635	5.116483
protein_co	pre-B_lymp	1	2	0	1	6	1	0.076869	0.197147	0	0.119311
protein_co	stromal_ce	1149	729	909	455	831	561	62.28512	50.67586	59.45333	38.28302
protein_co	galactose-3	1	2	2	172	184	84	0.024575	0.063029	0.059303	6.560863
protein_co	tyrosine_3-	2559	2190	2349	3226	3892	3929	63.85926	70.08209	70.72691	124.9535
protein_co	ret_finger_	0	0	2	6	5	3	0	0	0.046951	0.181195
protein_co	chromosor	4	1	3	1	0	3	0.150409	0.04822	0.136108	0.058364
pseudogen	POM121_t	1	4	1	2	3	1	0.009344	0.047931	0.011275	0.029007
protein_co	guanine_nu	161	103	97	229	292	92	2.260267	1.854302	1.643061	4.989992
protein_co	mannosyl_(	402	300	253	611	934	358	3.723782	3.563599	2.827658	8.784761
protein_co	adenosine_	17	22	12	9	7	0	0.310288	0.51493	0.264269	0.25497
protein_co	activating_	4748	3323	3562	5297	5506	7084	110.2693	98.96548	99.81275	190.9433
protein_co	alpha_14-g	20	17	12	588	824	352	0.40405	0.440416	0.292506	18.43797
protein_co	ret_finger_	0	0	0	1	0	0	0	0	0	0.048911
protein_co	CDC42_effe	1755	1215	1351	344	475	266	37.73131	33.49734	35.04517	11.47925
protein_co	apolipopro	2	7	4	1	0	0	0.025806	0.115825	0.062274	0.020027
protein_co	melanin-co	31	22	36	24	46	37	0.509853	0.463997	0.714387	0.612668
protein_co	tyrosylprot	1335	966	1067	1103	1513	787	28.60977	26.54725	27.58961	36.68927
protein_co	BAI1-associ	8	9	6	149	170	85	0.1748	0.252175	0.158179	5.053211
protein_co	mercaptop	2823	2005	2204	1448	2110	1570	22.54266	20.53138	21.23508	17.94706
protein_co	galanin_rec	1	0	0	13	13	3	0.040527	0	0	0.817751
protein_co	thiosulfate_	590	466	483	404	539	305	15.39516	15.59292	15.20644	16.36229
protein_co	apolipopro	0	2	0	0	0	0	0	0.08363	0	0
protein_co	apolipopro	386	306	364	184	211	130	6.740986	6.852781	7.669826	4.987517
protein_co	ras-related_	72	63	56	26	27	15	2.278058	2.556125	2.137806	1.276839
protein_co	leukemia_i	474	291	359	152	118	52	5.599866	4.408609	5.117311	2.787234
protein_co	chromosor	230	203	187	146	273	87	6.913272	7.824582	6.781807	6.811443
protein_co	apolipopro	1	6	4	2	0	0	0.031725	0.244099	0.153114	0.098484
protein_co	apolipopro	91	70	70	97	138	37	1.583887	1.562393	1.470039	2.620505

protein_co	RIB43A_do	29	22	21	11	20	17	0.920034	0.895031	0.803847	0.541663
protein_co	keratin_17	3	0	1	0	1	1	0.076701	0	0.030848	0
pseudogen	TBC1_dom	0	0	0	0	0	1	0	0	0	0
protein_co	ER_membr	1275	1046	1066	683	769	842	29.61108	31.15194	29.87097	24.62041
protein_co	ring_finger	68	52	77	27	49	8	0.99269	0.973459	1.356262	0.611785
protein_co	sperm_anti	1101	865	939	2291	2521	1862	6.347708	6.395214	6.531956	20.50148
protein_co	carboxypep	395	353	381	0	1	1	6.621937	7.58878	7.706567	0
protein_co	dedicator_	2254	1733	1933	408	416	436	13.21622	13.0305	13.67518	3.713162
protein_co	protection	239	233	232	336	197	226	2.746744	3.433883	3.217039	5.993631
protein_co	ATPase_H+	671	508	531	490	561	433	44.25204	42.96194	42.25259	50.15767
protein_co	N(alpha)-ac	398	284	376	334	417	495	4.630826	4.237435	5.278509	6.031874
protein_co	cadherin-re	5	4	8	150	195	86	0.036069	0.037003	0.069631	1.679534
protein_co	PRKR_inter	614	524	522	413	530	667	8.393723	9.18601	8.610033	8.763282
protein_co	VGF_nerve_	846	743	806	127	183	191	15.40542	17.35007	17.70868	3.589528
protein_co	podocalyxi	458	348	376	21676	27137	23706	3.480653	3.391437	3.447713	255.6848
protein_co	forkhead_b	143	117	117	8	5	52	0.807767	0.847511	0.797414	0.070141
protein_co	striatin_int	227	186	192	167	217	159	2.080945	2.186538	2.123655	2.376193
protein_co	RAB_memb	488	388	359	205	251	268	12.81923	13.07023	11.37849	8.358465
protein_co	muskelin_1	1172	1021	1065	792	722	569	4.926058	5.503094	5.400942	5.16687
protein_co	DnaJ_(Hsp4	411	257	307	106	131	145	7.098268	5.691844	6.397304	2.841495
protein_co	filamin_C_	7069	5232	6210	338	489	675	36.07592	34.24021	38.23834	2.677359
protein_co	leucine_ric	36	27	35	363	500	631	0.440972	0.424113	0.517279	6.901533
protein_co	calumenin	13463	11021	11713	3078	3938	2981	142.8883	149.9978	149.993	50.70535
protein_co	coiled-coil_	374	357	345	467	530	246	4.206492	5.149037	4.68183	8.152595
protein_co	smoothene	2340	1636	1819	2281	2885	2541	29.3533	26.31684	27.53099	44.41164
protein_co	interferon_	9	1	6	33	40	12	0.151475	0.021583	0.121842	0.862072
protein_co	leucine_ric	4524	3454	3836	6	8	33	105.9593	103.7404	108.4034	0.218121
protein_co	kelch_dom	1293	1024	1068	229	249	222	13.55439	13.76546	13.5083	3.726039
protein_co	NADH_deh	558	443	459	541	649	784	4.66559	4.749911	4.630556	7.021019
protein_co	FEZ_family_	0	0	0	140	234	325	0	0	0	4.854298
protein_co	opsin_1_(c	195	205	191	79	98	78	8.342658	11.24691	9.859417	5.245989
protein_co	mitochond	615	436	469	708	943	997	23.63718	21.48901	21.74911	42.23615
protein_co	myosin_IB	6864	5691	5814	1070	1167	1419	63.33197	67.33543	64.72452	15.32357
protein_co	homeobox_	148	86	122	0	0	8	3.421954	2.549883	3.403457	0
protein_co	homeobox_	203	184	148	0	0	4	2.259894	2.626753	1.987933	0
protein_co	metaxin_2	528	465	440	525	606	595	15.55146	17.56304	15.63645	24.00088
protein_co	phosphodi	114	112	99	5	4	7	1.199072	1.510663	1.256387	0.081628
protein_co	chimerin_1	1584	1326	1261	294	327	464	30.353	32.58362	29.15477	8.744283
protein_co	glutamate_	27	18	23	11	16	51	0.31746	0.271398	0.326288	0.200747
pseudogen	eukaryotic_	16	15	21	26	27	38	0.559046	0.672092	0.88531	1.410041
protein_co	O-sialoglyc	85	68	83	131	136	67	1.798579	1.845138	2.119028	4.302416
protein_co	ORM1-like_	613	485	492	261	351	454	10.67741	10.83319	10.33995	7.056288
protein_co	histone_ac	1045	826	843	721	729	1089	12.74384	12.91735	12.40394	13.6474
protein_co	homeobox_	568	419	469	0	0	27	11.01469	10.41951	10.9735	0
protein_co	homeobox_	632	498	517	0	0	8	14.89919	15.05512	14.70565	0
protein_co	homeobox_	447	329	368	0	0	7	10.80961	10.20253	10.73738	0
protein_co	homeobox_	116	97	96	1	0	8	2.428233	2.603835	2.424665	0.032491
protein_co	HECT_and_	3898	3136	3294	2557	3243	2884	11.91741	12.29491	12.15099	12.13392
protein_co	small_nucl	26	23	29	135	179	152	0.640305	0.726358	0.861707	5.160333
protein_co	proteasom	13	6	7	5	6	10	0.361548	0.213985	0.234892	0.215836
protein_co	twisted_ga	1808	1504	1670	389	510	418	22.57113	24.07753	25.15471	7.537631
protein_co	Rho_GTPas	142	123	166	154	235	268	2.408966	2.675819	3.397805	4.055025
protein_co	WDFY_fami	0	4	0	1	5	0	0	0.024144	0	0.007306
protein_co	eukaryotic_	3318	2750	2873	3384	3576	2775	28.29261	30.07037	29.55836	44.78757
protein_co	myosin_VC	59	26	44	286	287	335	0.39686	0.224268	0.357097	2.985945
protein_co	cingulin-lik	213	172	195	3012	3533	2682	1.382554	1.431662	1.527163	30.34507
protein_co	tropomodu	100	78	89	111	152	71	0.510173	0.510295	0.547842	0.878964
protein_co	tau_tubulin	387	314	331	173	221	105	1.664047	1.731385	1.717239	1.154599
protein_co	elongation_	0	2	0	2	5	4	0	0.051131	0	0.061888
protein_co	chromosom	67	64	68	21	34	22	0.512417	0.62768	0.627489	0.249287
protein_co	INO80_hon	684	520	537	498	573	953	4.981018	4.855955	4.718286	5.628877
protein_co	NMDA_rece	502	469	384	759	826	911	3.265195	3.911898	3.013593	7.662626
protein_co	delta-like_4	0	1	0	3	3	2	0	0.018008	0	0.065391
protein_co	aldehyde_d	12	8	9	0	2	2	0.137306	0.117384	0.124251	0
protein_co	family_with	748	582	655	898	900	791	3.79668	3.788216	4.011361	7.07472

protein_co	isovaleryl-C	1299	1052	1071	1150	1351	1489	13.05683	13.55982	12.98872	17.94143
protein_co	kinetochor	709	651	664	896	937	824	17.50659	20.61322	19.78206	34.3395
protein_co	deoxyuridi	917	740	780	1239	1874	1981	20.02708	20.72476	20.55375	42.00008
protein_co	ChaC_catio	141	85	113	446	507	592	3.589301	2.774719	3.470701	17.62204
protein_co	ceroid-lipo	509	348	410	653	768	1204	10.64541	9.33326	10.3461	21.19769
protein_co	cAMP-regul	2864	2463	2570	2563	3382	3175	25.04532	27.62023	27.11657	34.78826
protein_co	vacuolar_p	1110	1003	987	479	374	260	3.884173	4.50076	4.167166	2.601606
protein_co	calmodulin	118	94	85	154	216	155	1.331654	1.360337	1.157381	2.697494
protein_co	immunoglo	1988	1364	1372	55	76	96	39.31563	34.59175	32.73791	1.68827
protein_co	THAP_dom	63	52	47	40	64	48	1.231376	1.303355	1.108399	1.213502
protein_co	lysyl_oxida	2362	1768	1908	196	270	132	39.75385	38.15846	38.7459	5.120187
protein_co	chemokine	2	4	2	8	10	9	0.048997	0.125663	0.059118	0.3042
protein_co	anaphase_p	487	410	441	288	308	410	12.41056	13.39849	13.55967	11.39162
protein_co	methyl-CpG	502	434	470	508	558	469	9.499108	10.53121	10.73062	14.92015
protein_co	coatomer_	3382	2827	2979	1246	1104	1030	45.55646	48.83279	48.41667	26.05103
protein_co	proteasom	137	97	98	102	112	108	4.206897	3.81964	3.63091	4.861519
protein_co	sulfatase_m	2274	1661	1842	1315	1344	776	51.96291	48.67232	50.78561	46.64008
protein_co	palladin_cy	13330	10496	11159	228	296	303	97.13192	98.07651	98.10817	2.578678
protein_co	signal_pept	2609	2171	2216	956	1503	1294	26.76352	28.55869	27.42755	15.2215
protein_co	butyrobeta	55	45	42	3	3	1	1.367418	1.434698	1.2599	0.115769
protein_co	myogenic_	0	0	2	0	3	0	0	0	0.062827	0
protein_co	secretion_r	107	106	93	178	206	106	3.203852	4.070088	3.359848	8.272544
protein_co	potassium_	16	11	19	2	1	10	0.110884	0.097758	0.158873	0.021513
protein_co	tryptophar	4	3	1	0	1	13	0.035223	0.033876	0.010625	0
protein_co	cysteine_ar	1	1	2	0	1	0	0.032205	0.041298	0.077714	0
protein_co	E2F_transcr	293	289	275	168	193	362	4.00314	5.063377	4.533294	3.562648
protein_co	dCMP_deam	1445	1192	1242	839	1059	997	34.35906	36.34621	35.63224	30.96463
protein_co	SRY_(sex_d	38	28	21	491	518	448	1.276376	1.206042	0.851064	25.59805
protein_co	family_with	799	623	729	1569	1928	1829	19.23261	19.23042	21.17225	58.61987
protein_co	RPA_intera	449	406	411	654	741	725	5.51575	6.395781	6.091835	12.47
protein_co	ubiquitin_s	8	3	6	8	11	6	0.044319	0.021313	0.040106	0.06879
protein_co	sex_hormo	6	6	6	11	12	13	0.203575	0.261056	0.245624	0.579289
protein_co	phospholip	655	524	470	1241	1428	1028	8.767617	8.99458	7.590776	25.78354
protein_co	aryl_hydro	0	0	0	3	25	9	0	0	0	0.073664
protein_co	thioredoxi	801	697	735	754	790	831	16.92605	18.8871	18.73952	24.73005
protein_co	ATPase_Na-	24	21	11	1292	1667	684	0.356917	0.400484	0.197377	29.82287
protein_co	fragile_X_m	1774	1327	1371	876	1182	478	28.13084	26.98419	26.23098	21.56074
protein_co	kinesin_fam	4378	3364	3562	3069	4362	3092	25.92303	25.5432	25.4479	28.20573
protein_co	mannose-P	909	676	766	594	606	911	25.91065	24.70987	26.34458	26.28037
protein_co	matrix_met	984	722	726	2	1	3	18.76363	17.65503	16.70346	0.059195
protein_co	mitochond	154	115	105	171	259	274	3.888564	3.723708	3.198938	6.701856
protein_co	PHD_finger	1237	999	992	331	400	438	7.427705	7.692363	7.186951	3.084917
protein_co	leucine_ric	4	2	7	17	16	23	0.108166	0.069354	0.22839	0.713527
protein_co	cyclin_T1	781	607	663	685	758	849	5.251843	5.234302	5.379257	7.1496
protein_co	pseudourid	125	107	120	132	131	177	1.343092	1.47431	1.555697	2.201406
protein_co	KRI1_homo	712	577	618	576	762	894	8.917119	9.266798	9.338585	11.19689
protein_co	interleukin	13274	10589	11635	15957	20551	21629	101.7189	104.0553	107.5757	189.7936
protein_co	solute_carr	2668	2037	2144	2753	3193	3221	33.06093	32.36903	32.05547	52.95
protein_co	adaptor-rel	5	3	4	2454	2599	1670	0.133438	0.102669	0.1288	101.6515
protein_co	cyclin-depe	377	273	258	39	37	45	12.43146	11.54391	10.26475	1.99607
protein_co	microtubul	289	205	209	126	165	132	2.166115	1.970366	1.89007	1.465834
protein_co	kallikrein-r	4	1	7	11	18	7	0.165543	0.053071	0.34954	0.7066
protein_co	sialic_acid_	0	1	1	0	2	0	0	0.030678	0.028865	0
protein_co	kallikrein-r	0	0	0	76	90	28	0	0	0	1.77797
protein_co	kallikrein-r	0	0	0	19	23	6	0	0	0	1.044423
protein_co	neuroguidi	380	261	291	541	555	644	6.448862	5.680013	5.958549	14.25041
protein_co	receptor-in	14	8	3	2	5	1	0.340135	0.249243	0.087941	0.075419
protein_co	adenylate_	48	39	28	4	10	5	0.426596	0.444477	0.300249	0.055178
protein_co	RAB2B_mer	625	502	480	299	314	248	10.00897	10.30914	9.274673	7.43209
protein_co	BCL2-like_2	763	637	633	349	386	199	9.924295	10.62488	9.934062	7.045812
protein_co	ajuba_LIM_	1431	1054	1092	710	867	843	15.74369	14.8702	14.49565	12.12427
protein_co	D-tyrosyl-tI	158	119	120	123	161	118	2.726766	2.633583	2.498734	3.294779
protein_co	poly_(ADP-	370	320	326	488	438	381	8.762276	9.717947	9.314957	17.93765
protein_co	HEAT_repea	493	463	483	245	329	175	2.948569	3.551033	3.485455	2.274369
protein_co	forkhead_b	11	9	9	14	33	53	0.18022	0.189087	0.17791	0.356016

protein_co	sorting_nex	1090	961	981	712	788	770	15.04124	17.00551	16.33331	15.24992
protein_co	E2F-associa	267	195	229	268	268	328	9.477392	8.876086	9.807563	14.76532
protein_co	egl_nine_h	143	109	81	318	401	332	2.353553	2.300508	1.6085	8.123544
protein_co	MIS18_bin	647	559	574	761	620	898	6.350815	7.036332	6.798062	11.59419
protein_co	neural_reti	17	15	9	15	16	17	0.379044	0.428886	0.242121	0.519114
protein_co	ribonuclea	0	0	1	6	11	3	0	0	0.04197	0.323946
protein_co	neural_pre	357	297	304	333	310	344	7.278146	7.764587	7.477806	10.53725
protein_co	defender_a	2946	2410	2445	1107	1208	1179	188.9713	198.2391	189.23	110.2151
protein_co	telomerase	1604	1308	1343	485	584	309	7.032407	7.353883	7.104339	3.30044
protein_co	erythrocyte	2	5	0	117	167	101	0.019924	0.063873	0	1.809058
protein_co	cysteine_di	45	37	42	174	185	149	1.134436	1.19613	1.277511	6.808433
protein_co	receptor_a	950	808	839	719	795	918	13.42541	14.64282	14.30586	15.77115
protein_co	integrin_al	723	616	605	227	298	225	9.971024	10.8941	10.06711	4.859122
protein_co	glutamine_	109	78	100	40	85	81	0.953725	0.875186	1.05571	0.543234
protein_co	forkhead_b	0	0	0	185	243	153	0	0	0	5.098169
protein_co	SEC14-like_	3670	2685	2928	1648	2146	1282	31.65098	29.69441	30.46774	22.06016
protein_co	rhomboid_	741	532	600	503	735	310	9.65421	8.888317	9.431871	10.17178
protein_co	aralkylamir	0	0	1	5	3	10	0	0	0.029574	0.190224
protein_co	Rac/Cdc42_	607	506	558	133	145	89	4.728732	5.054939	5.244913	1.608193
protein_co	MAP7_dom	338	278	338	386	354	388	3.470292	3.660189	4.187108	6.151304
protein_co	fibroblast_	852	709	704	591	741	642	14.92911	15.93125	14.88384	16.07357
protein_co	ash2_(absei	1073	801	886	1391	1578	1356	16.28252	15.58704	16.22197	32.76269
protein_co	TELO2_inte	211	139	173	315	323	226	4.186963	3.537047	4.142007	9.70192
protein_co	ADP-ribosy	0	0	1	0	1	0	0	0	0.043122	0
protein_co	cholinergic	7	13	13	3	3	31	0.168756	0.401896	0.37814	0.112257
protein_co	cyclin-depe	887	603	604	1104	1464	810	20.27862	17.67834	16.66095	39.17548
protein_co	shugoshin-	126	107	106	167	175	183	2.283781	2.487007	2.31813	4.698194
protein_co	ribosomal_	1788	1464	1401	1536	1583	1400	84.00737	88.20643	79.42112	112.0138
protein_co	variable_ch	0	0	0	1	0	0	0	0	0	0.132327
protein_co	cadherin_1	0	0	0	7	8	3	0	0	0	0.178946
protein_co	Kruppel-lik	918	641	651	985	1270	870	14.90479	13.34598	12.753	24.82275
protein_co	transmemb	3971	2670	3174	3966	5059	4191	50.4471	43.49676	48.65095	78.2023
protein_co	deoxyhypu	791	565	598	509	782	813	18.26194	16.72739	16.65788	18.23974
protein_co	MAU2_chro	1445	1116	1152	979	1112	1275	13.5675	13.4371	13.05066	14.26741
protein_co	SHC_(Src_h	172	120	163	198	348	177	3.043428	2.722859	3.479927	5.437887
protein_co	hsa-mir-31	77	57	77	2748	4387	2185	1.531833	1.454136	1.848245	84.85316
protein_co	abhydrolas	2491	1720	1876	1537	2149	1572	20.77237	18.3929	18.87527	19.89375
protein_co	lipopolysac	0	0	0	0	2	4	0	0	0	0
protein_co	synaptotag	2	3	9	5	14	4	0.024731	0.047571	0.134277	0.095965
protein_co	troponin_I	0	0	0	37	34	7	0	0	0	2.714569
protein_co	core-bindir	24	10	6	73	101	38	0.251365	0.134308	0.075822	1.186716
protein_co	guanidinoa	731	526	559	408	480	319	25.83015	23.83442	23.83248	22.37691
protein_co	haloacid_d	256	225	189	299	344	409	5.609273	6.322058	4.996622	10.16877
protein_co	chromosor	219	184	244	165	194	202	4.654993	5.015359	6.257671	5.443639
protein_co	PHD_finger	860	667	710	638	795	755	9.410832	9.359761	9.374238	10.83629
protein_co	proline_ric	1	0	2	108	141	64	0.007845	0	0.018931	1.315078
protein_co	UDP-N-acet	2	0	1	32	32	20	0.039403	0	0.023771	0.978552
protein_co	potassium_	7	10	10	6	4	11	0.114565	0.209877	0.197471	0.152418
protein_co	EF-hand_ca	15	12	14	30	26	34	0.09311	0.09552	0.104853	0.289038
protein_co	nucleoredc	5	2	6	35	51	6	0.160913	0.082539	0.232981	1.748314
protein_co	StAR-relate	911	650	738	243	283	126	8.782238	8.035437	8.58403	3.635997
protein_co	family_witl	1	1	0	621	813	480	0.011685	0.014984	0	11.26246
protein_co	glycerophо	9	7	11	116	131	160	0.173097	0.172645	0.255263	3.462862
protein_co	spermidine	424	353	346	742	953	670	17.51662	18.70116	17.24681	47.57939
protein_co	guanine_nu	792	579	708	676	906	1017	15.756	14.77096	16.99425	20.87363
protein_co	SH3-domai	2768	2060	2294	1401	1448	1195	24.812	23.67948	24.81059	19.49235
protein_co	motile_spe	360	269	245	161	146	143	4.054866	3.885399	3.32957	2.814688
protein_co	dedicator_	858	660	725	1100	1457	901	6.327719	6.241847	6.45128	12.59166
protein_co	ECSIT_hom	653	494	522	780	970	800	18.01128	17.47301	17.37201	33.39309
protein_co	low_densit	2421	1886	1937	749	745	1692	21.27051	21.24879	20.5334	10.21399
protein_co	elongation_	932	695	773	759	972	1065	20.28853	19.40121	20.30309	25.64525
protein_co	chromosor	0	2	4	6	10	3	0	0.137912	0.259521	0.500778
protein_co	protein_kir	7820	5958	6248	5782	6812	5397	162.1043	158.379	156.2704	186.0357
protein_co	calponin_1	88	71	83	251	290	207	2.232858	2.310182	2.540999	9.885135
protein_co	cell_divisio	1020	922	890	688	999	1215	21.63176	25.07448	22.7735	22.64699

protein_co	zinc_finger_	0	0	0	6320	8174	7066	0	0	0	186.4485
protein_co	thioesteras	104	67	90	43	68	94	2.139781	1.767747	2.234224	1.373204
protein_co	exocyst_co	8	14	7	106	105	31	0.21822	0.489713	0.230383	4.487876
protein_co	poliovirus_	2521	1934	2042	2640	3464	2761	47.93582	47.15776	46.84801	77.91512
protein_co	apolipopro	113	71	90	8891	12640	7388	4.386235	3.534119	4.215062	535.6666
protein_co	translocase	2193	1638	1779	2988	4205	5219	30.11122	28.84117	29.47228	63.67966
protein_co	apolipopro	38	32	34	249	271	310	2.586097	2.792676	2.791825	26.30213
protein_co	growth_arr	77	61	65	63	159	178	3.39017	3.444054	3.452965	4.305284
protein_co	leucine-ricl	245	195	188	48	49	58	2.333547	2.381741	2.160511	0.709614
protein_co	dipeptidyl-	83	76	76	84	68	52	0.811145	0.952452	0.896152	1.274177
protein_co	exportin_7	1962	1640	1627	2052	2411	2115	18.81739	20.17036	18.82764	30.54697
protein_co	angiotensir	1	1	2	2	0	0	0.01337	0.017146	0.032264	0.041505
protein_co	family_witl	217	175	213	147	211	67	2.461924	2.546023	2.915699	2.588587
protein_co	scaffold_at	1633	1320	1379	1160	1518	2169	22.71474	23.54534	23.14376	25.04437
protein_co	ribosomal_	4780	3747	3904	5566	5761	5574	247.1161	248.4083	243.5179	446.6289
protein_co	ATPase_am	87	109	98	101	126	31	0.778963	1.251508	1.058698	1.40362
protein_co	neurocan	0	1	0	160	221	144	0	0.008711	0	1.686914
protein_co	kinesin_fan	17	8	11	8359	12139	8648	0.087004	0.052504	0.067925	66.40104
protein_co	GTP_bindir	609	482	495	1074	1304	899	9.789517	9.935743	9.600574	26.79654
protein_co	plasmalem	0	0	0	4	3	19	0	0	0	0.126299
protein_co	bone_marr	21	13	21	479	583	311	0.96633	0.767112	1.165933	34.21151
protein_co	solute_carr	615	462	506	225	295	130	6.639963	6.396492	6.591574	3.77054
protein_co	NOP2/Sun_	377	251	316	1080	1299	1079	7.732956	6.602178	7.820586	34.38416
protein_co	Usher_syno	5	13	8	191	305	111	0.065161	0.217256	0.125793	3.863519
protein_co	collagen_b	7158	5327	5652	1950	2341	1537	90.61521	86.47717	86.32958	38.3155
protein_co	DET1_and_	1487	1042	1198	628	766	757	17.09795	15.36421	16.62027	11.20788
protein_co	mitochond	516	402	468	744	1089	772	24.99509	24.97126	27.35262	55.93819
protein_co	6-phospho	773	564	533	571	637	490	22.63959	21.18251	18.83494	25.95707
protein_co	LSM7_hom	1892	1347	1566	1904	2354	2012	124.952	114.0772	124.7848	195.1729
protein_co	tubby_like_	1425	1073	1189	453	614	426	6.007217	5.800528	6.047674	2.964061
protein_co	sorting_ne	1985	1688	1779	708	961	967	22.17167	24.17796	23.97518	12.27444
protein_co	reticulon_4	183	145	116	194	320	224	3.786793	3.84767	2.896186	6.230927
protein_co	glutaminyl-	326	259	287	313	362	379	3.72288	3.792893	3.954498	5.547998
protein_co	chromosor	152	98	110	146	181	156	4.698275	3.884456	4.102377	7.004516
protein_co	radial_spok	188	127	147	58	83	64	2.79674	2.422742	2.638515	1.339222
protein_co	MAS1_onc	0	0	0	0	0	2	0	0	0	0
protein_co	acyl-CoA_sy	8	7	10	6	3	3	0.135962	0.152558	0.205058	0.158274
protein_co	myeloid/ly	1356	928	1066	773	891	689	32.92743	28.89718	31.23226	29.13453
protein_co	fucosyltran	0	0	0	3	3	0	0	0	0	0.103088
protein_co	myeloid/ly	1781	1448	1554	2672	3516	3190	10.83997	11.30165	11.41204	25.24242
protein_co	actinin_alp	29895	23316	25212	8630	10538	7947	282.4455	282.4877	287.4031	126.5544
protein_co	serine/thre	90	71	80	171	202	212	0.90231	0.912811	0.967723	2.660968
protein_co	NADH_deh	1664	1350	1405	1248	1256	1281	15.87487	16.51581	16.17265	18.48
protein_co	erythropoi	0	1	1	7	11	5	0	0.04521	0.042538	0.383052
protein_co	actin_relat	1353	1206	1136	299	470	319	36.99253	42.28369	37.47509	12.68872
protein_co	calcium_ch	0	0	0	84	107	44	0	0	0	3.299246
protein_co	zinc_finger_	1277	965	1050	552	605	304	10.88503	10.54813	10.79881	7.303118
protein_co	FCH_domai	46	38	50	642	735	404	0.671108	0.710931	0.880142	14.53784
protein_co	unc-13_ho	1828	1422	1641	1316	1745	1597	8.485789	8.464961	9.191209	9.482053
protein_co	microtubul	1677	1214	1354	2481	3127	1923	22.99929	21.35056	22.40516	52.81272
protein_co	kelch_dom	0	1	0	0	0	0	0	0.02011	0	0
protein_co	SCO2_cyto	485	326	404	284	358	298	21.63811	18.65111	21.74739	19.66647
protein_co	peroxidasir	42327	32640	35507	5081	6374	5732	291.5267	288.2839	295.0685	54.31759
protein_co	single_stra	3409	2451	2788	826	1133	803	94.36132	87.00008	93.11246	35.48767
protein_co	growth_dif	346	249	267	257	405	27	9.432527	8.704837	8.78236	10.87466
protein_co	pyroglutam	811	682	734	712	1030	759	5.362071	5.782363	5.855389	7.306714
protein_co	KIAA1683	73	90	73	8	18	9	0.619991	0.9802	0.748055	0.105459
protein_co	LSM4_hom	1872	1383	1425	5229	7099	4828	46.0053	43.58465	42.25372	199.4579
protein_co	jun_D_prot	6747	4686	5092	3291	4559	2331	169.1802	150.6782	154.0548	128.0847
protein_co	histidine_ri	0	0	0	83	120	17	0	0	0	2.532798
protein_co	transient_r	608	491	517	376	440	204	6.938216	7.185137	7.118407	6.659821
protein_co	sulfotransfe	3	2	2	187	262	209	0.054928	0.046958	0.044182	5.314261
protein_co	zinc_finger_	134	115	101	96	135	172	1.048959	1.154412	0.953944	1.166421
protein_co	crumbs_ho	0	1	2	222	310	175	0	0.04167	0.078414	11.19689
protein_co	olfactomed	5	3	4	546	642	431	0.089348	0.068746	0.086243	15.14397

protein_co	calmodulin	1889	1446	1587	1178	1490	1422	11.50926	11.29778	11.66649	11.14015
protein_co	UBA_doma	806	649	707	789	996	1005	20.24282	20.90211	21.42415	30.75697
protein_co	zinc_finger_	328	211	244	604	859	326	2.966234	2.446941	2.662377	8.47811
protein_co	helicase_wi	874	739	779	719	1172	423	5.082078	5.510407	5.465317	6.489171
protein_co	sterile_alpl	80	62	70	114	130	76	1.719946	1.709329	1.815812	3.804171
protein_co	lymphocyt	521	358	390	7	5	3	9.253674	8.153965	8.357745	0.192977
protein_co	troponin_T	4	5	10	0	0	0	0.15053	0.241291	0.454057	0
protein_co	troponin_I_	6	3	4	0	0	0	0.377638	0.242133	0.303761	0
processed_	H19_impri	3	1	1	108	130	292	0.059911	0.025609	0.024095	3.347623
pseudogen	cytochrom	0	1	1	0	0	0	0	0.023947	0.022531	0
protein_co	collagen_ty	112958	83216	90084	452	690	668	625.4845	590.9024	601.8597	3.884798
protein_co	ataxin_10	1698	1448	1471	1561	1881	1665	23.91687	26.15438	24.99927	34.12715
protein_co	tubulin_ga	2217	1768	1828	1490	1762	1671	29.25842	29.92105	29.1078	30.52122
protein_co	calcyon_ne	33	18	21	15	30	15	1.681925	1.176453	1.291397	1.186627
protein_co	cytochrom	4	16	7	11	30	11	0.023688	0.121505	0.050016	0.101109
protein_co	patatin-like	89	61	57	40	50	18	0.786212	0.691017	0.607537	0.548454
protein_co	hemoglobi	0	0	0	0	1	0	0	0	0	0
protein_co	p21_protei	3693	2681	2929	2503	3270	2180	30.19439	28.1095	28.89445	31.76423
protein_co	motor_neu	2	1	0	4	5	8	0.043137	0.027659	0	0.133909
protein_co	zinc_finger_	28	31	33	19	20	17	0.363388	0.515921	0.516743	0.382734
protein_co	centrosom	585	537	491	992	978	636	6.970943	8.205769	7.059358	18.34754
protein_co	TAF4_RNA_	411	358	387	605	837	566	4.162375	4.649345	4.728881	9.510104
protein_co	GATA_bind	0	0	0	93	95	19	0	0	0	2.608293
protein_co	RBBP8_N-t	0	0	0	72	124	82	0	0	0	1.876171
protein_co	laminin_al	1431	931	1124	4805	6948	4577	5.872538	4.899426	5.565453	30.60624
protein_co	oxysterol_b	895	758	697	646	798	499	10.57092	11.4807	9.932778	11.84276
protein_co	adhesion_r	783	530	580	688	980	874	26.77964	23.24492	23.9342	36.52261
protein_co	argininosuc	1383	908	971	1535	1738	1243	32.86817	27.67251	27.84329	56.62291
protein_co	PR_domain	3	1	3	1	6	1	0.056813	0.024285	0.068549	0.029394
protein_co	exosome_c	794	600	707	733	888	1137	13.46011	13.04334	14.46091	19.28691
protein_co	protein-O-r	511	424	395	351	423	332	7.006082	7.454688	6.534305	7.469506
protein_co	uridine-cyt	615	450	531	588	792	895	12.89109	12.09585	13.42941	19.13032
protein_co	fibrinogen_	526	369	390	252	378	120	7.58197	6.820748	6.7828	5.638029
protein_co	proline-rich	10792	8183	9026	7958	10146	7178	45.82839	44.56096	46.2462	52.4526
protein_co	charged_m	1311	1068	1066	1204	1297	880	52.18405	54.51496	51.19651	74.38615
protein_co	ubiquitin-c	2073	1475	1512	1866	2618	1991	64.45823	58.81396	56.72557	90.05776
protein_co	tripartite_r	11441	8535	9443	25377	31691	27617	181.2394	173.381	180.4873	623.9639
protein_co	chromosor	704	552	535	677	923	648	19.30443	19.41032	17.70052	28.81399
protein_co	Yip1_doma	1402	1011	1111	933	1132	710	42.41278	39.22014	40.55186	43.80874
protein_co	autophagy_	272	188	211	711	873	507	6.543912	5.800103	6.124901	26.55025
protein_co	eukaryotic_	1948	1633	1675	2933	3645	3550	31.96003	34.35688	33.15744	74.6897
protein_co	transmemb	516	366	426	728	1044	748	36.49359	33.19382	36.35168	79.91508
protein_co	zinc_finger_	1500	1114	1239	1411	2318	2967	11.49453	10.94698	11.45564	16.78253
protein_co	neuronal_P	26	4	11	97	138	63	0.575881	0.113613	0.293968	3.334738
protein_co	glia_matur	3	6	5	17	4	3	0.136839	0.350952	0.275173	1.203557
protein_co	mitogen-ac	528	408	438	474	728	364	7.205451	7.139976	7.211895	10.04005
protein_co	Rho_guanir	4	0	2	689	844	869	0.061274	0	0.036965	16.38199
protein_co	leucine_ric	1646	1287	1333	3360	4397	3421	29.14689	29.22472	28.48004	92.34899
protein_co	sestrin_2	405	296	300	1010	1358	596	5.499698	5.15448	4.915335	21.28804
protein_co	sphingomy	3	3	1	224	272	307	0.073534	0.094297	0.029574	8.522047
protein_co	ATPase_inh	1603	1247	1300	1441	1622	1624	40.52005	40.42149	39.6486	56.53676
protein_co	mediator_c	330	283	271	400	447	260	8.450959	9.293682	8.373546	15.89947
protein_co	thymocyte_	265	273	252	301	326	213	4.343186	5.737656	4.983232	7.657015
protein_co	CAP-GLY_d	1205	1029	990	421	436	473	9.609264	10.52271	9.525468	5.210935
protein_co	coiled-coil_	10	8	7	10	4	3	0.132234	0.135657	0.111683	0.205245
protein_co	huntingtin_	1622	1102	1154	1306	1878	1308	16.75603	14.5986	14.38381	20.94083
protein_co	zinc_finger_	572	450	477	659	889	883	6.407332	6.464025	6.44685	11.45769
protein_co	peter_pan_	47	34	31	50	88	147	0.913694	0.847601	0.727131	1.508702
protein_co	eukaryotic_	3119	2285	2483	3493	3782	3424	96.09065	90.27371	92.29762	167.0301
protein_co	angiopoiet	1	1	3	2	6	6	0.024679	0.031647	0.08933	0.07661
protein_co	chromosor	47	36	33	67	84	51	1.029827	1.011529	0.872426	2.27862
protein_co	DNA_(cytos	4417	3449	3953	4135	5106	5152	38.29756	38.34831	41.3541	55.64802
protein_co	zinc_finger_	212	142	165	260	308	297	4.138503	3.554717	3.886327	7.877914
protein_co	solute_carr	1400	1031	1076	2502	3164	2411	17.44513	16.47457	16.17732	48.39093
protein_co	pregnancy_	3	2	2	47	55	26	0.065642	0.056117	0.0528	1.596197

protein_co	dyskeratosi	1247	982	1046	2077	2397	3088	22.68989	22.91326	22.9639	58.65877
protein_co	plexin_A3	2393	1801	1922	344	429	314	16.61846	16.03877	16.10458	3.707976
protein_co	dual_specif	12	3	11	147	170	115	0.23127	0.074143	0.255787	4.3973
protein_co	membrane_	107	82	83	271	316	203	2.109854	2.073441	1.974671	8.294082
protein_co	zinc_finger_	196	185	140	673	855	668	1.822777	2.20627	1.570918	9.714559
protein_co	zinc_finger_	488	375	367	345	430	298	2.788487	2.747828	2.530247	3.059838
protein_co	solute_carr	10	21	7	117	169	92	0.24108	0.649216	0.203614	4.378014
protein_co	low_densit	1553	1065	1221	2403	3308	2217	22.21483	19.53576	21.07343	53.35261
protein_co	chromosor	560	432	463	272	345	277	7.034131	6.958498	7.016999	5.303002
protein_co	nucleolar_	684	608	587	699	783	1374	10.88319	12.40547	11.26903	17.26267
protein_co	ubiquitinat	2044	1494	1719	1906	2292	1904	17.35661	16.26837	17.61197	25.12103
protein_co	castor_zinc	25	12	18	270	347	137	0.147713	0.090922	0.128321	2.476127
protein_co	polycystic_	14	12	9	14	15	9	0.0857	0.094198	0.066473	0.133018
protein_co	hydroxyste	1	6	3	0	2	0	0.041313	0.317867	0.149539	0
protein_co	NUT_family	2	5	3	6	16	11	0.022355	0.071668	0.040459	0.104095
protein_co	hyaluronan	766	615	649	385	544	275	11.40246	11.73963	11.65635	8.895309
protein_co	fructose-16	1	0	3	7	4	3	0.035931	0	0.130059	0.39039
protein_co	solute_carr	358	319	300	255	310	206	10.40708	11.89176	10.52241	11.5058
protein_co	proline_ric	178	184	169	94	113	72	1.81444	2.405192	2.078535	1.487239
protein_co	ubiquitin-li	10841	8661	9415	11274	12508	9173	142.8308	146.3288	149.6652	230.5478
protein_co	regucalcin	0	1	0	2	3	7	0	0.026904	0	0.065127
protein_co	polymerase	6	5	6	3	5	5	0.070724	0.075578	0.085333	0.054887
pseudogen	taxilin_gam	889	752	835	596	558	626	5.711087	6.195041	6.472194	5.942836
antisense	testis-speci	0	0	0	1	0	0	0	0	0	0.044459
protein_co	peptidylpro	517	398	496	300	311	426	10.86117	10.72207	12.57233	9.782231
protein_co	UL16_bind	99	90	116	0	0	0	3.44115	4.011625	4.864906	0
protein_co	A_kinase_(A	3360	2757	3020	3522	3953	3628	18.68483	19.66056	20.26305	30.39972
protein_co	spectrin_re	2081	1638	1898	107	90	50	3.516582	3.549539	3.86984	0.280649
protein_co	UL16_bind	123	83	90	29	47	65	5.970468	5.166432	5.27101	2.184901
protein_co	large_tumo	743	576	711	345	414	475	4.634732	4.607525	5.351228	3.3403
protein_co	EPS8-like_1	89	85	76	583	871	338	1.645588	2.015391	1.69548	16.73132
protein_co	leukocyte_i	10	7	6	0	0	0	0.166336	0.149311	0.120416	0
protein_co	AAR2_splic	840	683	746	626	689	799	14.64768	15.27283	15.69555	16.94316
protein_co	tubulin_tyr	2	2	5	2	3	0	0.035753	0.045848	0.107845	0.055494
protein_co	RNA_bindir	2875	2343	2575	2685	2820	4060	29.43424	30.76072	31.80828	42.66676
protein_co	cytochrom	0	1	0	0	0	1	0	0.086767	0	0
protein_co	zinc_finger_	154	150	153	252	333	200	1.961179	2.449611	2.35091	4.981127
protein_co	gamma-glu	810	708	706	511	612	429	14.37582	16.11351	15.11821	14.07664
protein_co	acyl-CoA_sy	2873	2497	2523	724	718	545	43.9527	48.98666	46.57096	17.19171
protein_co	ectodyspla	249	193	214	192	251	91	3.41592	3.395275	3.542176	4.088274
protein_co	Cdc42_gua	498	420	476	583	604	614	4.313916	4.66553	4.975049	7.838652
protein_co	complemer	110	96	91	539	677	244	3.982936	4.457498	3.975576	30.29213
protein_co	glial_fibrill	4	12	3	16	12	12	0.060778	0.233816	0.054999	0.377342
protein_co	peptide_YY	1	0	0	4	5	5	0.04453	0	0	0.276466
protein_co	HIG1_hypo	2	4	0	0	1	5	0.147685	0.37877	0	0
protein_co	ATPase_H+_	1457	1172	1304	958	1051	1198	48.7295	50.26542	52.62087	49.73113
protein_co	zinc_finger_	126	105	97	119	132	133	1.941552	2.074804	1.803426	2.846137
protein_co	zinc_finger_	480	347	360	144	242	157	15.93995	14.77694	14.42435	7.422303
protein_co	testis_expr	0	0	1	0	5	0	0	0	0.039126	0
protein_co	zinc_finger_	125	94	115	209	194	274	1.973486	1.903098	2.190634	5.121542
protein_co	chemokine	0	0	0	1	2	1	0	0	0	0.076369
protein_co	cytochrom	3292	2566	2693	3483	4249	3675	39.11859	39.10113	38.6107	64.24026
protein_co	ER_membr	570	430	470	485	682	674	13.62248	13.17829	13.55275	17.99093
protein_co	Gse1_coile	1055	818	882	2628	3536	2648	6.600263	6.562531	6.657718	25.51906
protein_co	GINS_comp	443	379	428	593	725	943	7.771148	8.525699	9.058854	16.14606
protein_co	charged_m	2127	1488	1664	1299	1592	1710	40.16716	36.03429	37.91447	38.0753
protein_co	SH3_domai	1486	1184	1169	543	412	577	36.2343	37.02219	34.39249	20.55093
protein_co	cytochrom	743	633	573	713	755	782	14.09926	15.40355	13.11929	21.0004
protein_co	solute_carr	0	0	0	0	0	1	0	0	0	0
protein_co	coagulatior	28	16	18	155	200	65	0.640762	0.469535	0.497003	5.505549
protein_co	proline_ric	317	258	291	376	433	167	10.07055	10.51049	11.15411	18.54011
protein_co	nuclear_fac	1057	689	747	950	1165	817	10.67702	8.924909	9.104244	14.89462
protein_co	indoleamir	3	0	1	53	81	71	0.067082	0	0.026979	1.839451
protein_co	gap_junctio	0	2	0	0	1	0	0	0.050593	0	0
protein_co	CAP_adeny	7888	6390	6929	3345	3656	4077	119.1203	123.7454	126.2517	78.40529

protein_co	palmitoyl-p	1427	1251	1305	1586	1692	1849	24.42046	27.45342	26.94563	42.12729
protein_co	RAB11_fam	106	88	115	2527	3044	1595	0.576004	0.613214	0.75399	21.31354
protein_co	ring_finger_	1661	1386	1413	1103	1237	1239	9.364473	10.02043	9.611782	9.652053
protein_co	caudal_typ	0	0	0	8	8	23	0	0	0	0.384316
protein_co	ATP-bindin	324	249	268	660	702	478	6.391403	6.29883	6.378728	20.20811
protein_co	TNF_recept	996	778	855	473	626	350	6.112887	6.123165	6.331421	4.50587
protein_co	HAUS_augn	305	199	243	345	418	456	4.502977	3.767579	4.328667	7.905866
protein_co	egf-like_mo	1	0	1	0	0	0	0.020803	0	0.0251	0
protein_co	mitochond	654	536	572	585	766	654	6.686889	7.027817	7.056517	9.283948
protein_co	SH3-domai	384	297	299	81	97	53	6.380498	6.328331	5.994357	2.089002
protein_co	2-hydroxya	206	185	176	456	464	512	4.262729	4.909096	4.394214	14.64589
protein_co	TBC1_dom	886	811	823	573	672	416	6.286058	7.378615	7.045187	6.310005
protein_co	calpain_7	585	486	482	197	268	163	6.301553	6.71332	6.264506	3.293733
protein_co	raftlin_lipi	1329	1054	1083	87	90	89	20.89766	21.25312	20.54704	2.123354
protein_co	chromosor	0	0	1	3	2	0	0	0	0.01701	0.065646
protein_co	zinc_finger_	1186	947	967	597	685	601	8.327577	8.526942	8.19235	6.50637
protein_co	UDP-N-acet	7	13	7	1	0	0	0.0703	0.167421	0.084821	0.015588
protein_co	solute_carr	1820	1567	1624	3568	4588	3346	13.06089	14.42048	14.06162	39.74263
protein_co	potassium_	3	0	0	50	102	93	0.025825	0	0	0.668072
protein_co	napsin_A_a	0	0	0	10	5	1	0	0	0	0.22135
pseudogen	napsin_B_a	0	1	2	3	10	5	0	0.044773	0.084252	0.162576
protein_co	nuclear_rec	1337	1089	1062	931	1291	951	26.34116	27.51317	25.24504	28.46975
protein_co	leucine_ric	9	4	6	192	216	66	0.139785	0.079668	0.112439	4.628593
protein_co	PDZ_and_L	2831	2009	2223	223	278	155	58.17074	52.93635	55.11277	7.112137
protein_co	kinesin_fan	430	313	374	212	256	196	3.18778	2.975593	3.345334	2.439418
protein_co	mannosyl_(	4395	3194	3369	2360	2946	2300	64.9076	60.48963	60.0324	54.09774
protein_co	glutamine-f	2637	2303	2479	2528	3335	2772	39.97704	44.77172	45.34454	59.48508
protein_co	tubulin_ga	1517	1158	1273	1689	2036	1389	44.15404	43.22179	44.70554	76.30359
protein_co	proteasom	2485	1814	2034	1889	2354	4145	37.06161	34.69321	36.60133	43.72807
protein_co	ribosomal_	9393	7558	7925	9798	10530	9711	235.2767	242.7676	239.509	380.9276
protein_co	PSMC3_int	202	179	177	147	178	260	6.689113	7.601154	7.071938	7.55553
protein_co	amine_oxic	4	2	7	120	181	41	0.046587	0.029871	0.098368	2.169294
protein_co	ATP_citrate	18588	14553	15933	9130	10222	10839	200.8739	201.6753	207.7478	153.1412
protein_co	vacuolar_p	650	551	524	1162	1342	1422	27.68257	30.0922	26.92604	76.81211
protein_co	receptor_(	47	45	30	66	53	61	2.568567	3.153661	1.978165	5.598446
protein_co	amine_oxic	22	19	19	158	221	101	0.38825	0.429983	0.404567	4.327892
antisense	-	9	8	7	5	6	5	0.771499	0.879412	0.724001	0.665263
protein_co	NADH_dehy	92	81	107	79	135	118	5.365524	6.057853	7.529327	7.151249
protein_co	ankyrin_rep	34	35	29	38	42	41	0.191641	0.25298	0.197222	0.332448
protein_co	diaphanous	3757	2734	3247	2857	3239	3830	30.41537	28.38309	31.71628	35.89984
protein_co	Nedd4_fam	1391	1074	1080	664	876	703	15.66379	15.50898	14.67376	11.60562
protein_co	ubiquitin-c	1588	1267	1344	2069	2717	1903	25.99907	26.60072	26.5494	52.57731
protein_co	exocyst_co	1274	1041	1124	1103	1107	862	14.27428	14.95702	15.19495	19.18187
protein_co	ArfGAP_wit	1346	1052	1140	663	1067	684	11.86576	11.89256	12.1256	9.07182
protein_co	chromosor	414	308	328	171	255	227	5.855948	5.58672	5.597818	3.754252
protein_co	anoctamin_	7646	5489	6088	46	55	28	74.84782	68.90448	71.9064	0.698929
protein_co	protein_tyr	957	801	765	717	946	809	8.573509	9.202133	8.26906	9.970026
protein_co	transmemb	603	443	450	3	7	7	14.58962	13.74484	13.13673	0.112662
protein_co	kringle_cor	31	24	22	120	212	101	0.621458	0.61698	0.532134	3.733893
protein_co	THO_comp	531	381	365	1238	1420	1103	17.54658	16.14479	14.55254	63.4964
protein_co	TNF_recept	2529	2020	2078	2949	3733	2670	32.04996	32.82762	31.77403	58.00747
protein_co	BARX_hom	1	0	0	102	117	65	0.030607	0	0	4.845653
protein_co	ninjurin_1	327	275	273	584	689	380	7.568132	8.161744	7.623452	20.97898
protein_co	nephronop	632	471	497	345	411	395	5.341473	5.104747	5.068137	4.525781
protein_co	microtubul	16958	13831	14716	1602	2367	2121	66.07619	69.10879	69.18441	9.688652
protein_co	Rhox_hom	0	0	0	0	1	0	0	0	0	0
protein_co	interleukin	1713	1531	1690	206	252	195	19.90154	22.80939	23.68994	3.714727
protein_co	WD_repeat	320	249	254	248	294	347	3.649916	3.642014	3.495543	4.390511
protein_co	creatine_ki	20	16	24	31	20	32	0.572877	0.587707	0.829452	1.378237
protein_co	zinc_finger_	198	186	177	222	241	217	2.01568	2.428168	2.174091	3.507841
protein_co	keratin_34	1	1	0	0	0	0	0.026779	0.03434	0	0
protein_co	tensin_4	1	1	1	10	6	2	0.011529	0.014785	0.013911	0.178952
protein_co	topoisome	4317	3562	3775	8206	5438	6071	35.1553	37.19735	37.09144	103.722
protein_co	StAR-relate	992	741	853	1165	1499	1051	13.47867	12.91109	13.98404	24.56925
protein_co	retinoic_ac	1243	867	916	362	446	384	24.14428	21.59591	21.46776	10.91396

protein_co	protein_ph	0	0	0	674	856	334	0	0	0	17.03841
protein_co	KH_domair	545	424	406	609	816	440	4.675276	4.664294	4.202279	8.108836
protein_co	chromodor	1018	822	851	1120	1064	1270	16.08832	16.65881	16.22708	27.47333
protein_co	peroxisom	412	328	333	180	225	110	11.10269	11.33481	10.82738	7.528945
protein_co	flavin_cont	17	17	18	29	28	20	0.302861	0.388376	0.386915	0.801905
protein_co	protein_inl	1799	1448	1609	715	829	584	29.07795	30.01308	31.37883	17.9378
protein_co	protein_kir	386	368	421	793	864	511	3.341249	4.084874	4.396952	10.65431
protein_co	RNA_bindir	686	475	527	608	744	855	11.37833	10.10317	10.54662	15.65268
pseudogen	clustered_r	49	46	46	106	115	123	1.20483	1.45043	1.364695	4.045443
protein_co	pyruvate_d	1333	1082	1143	1225	1399	1357	17.94041	18.67406	18.56079	25.58991
protein_co	retinoic_ac	1	2	2	3	8	7	0.019368	0.049674	0.046737	0.090186
protein_co	methylcrot	667	569	593	1025	1241	1237	8.533599	9.335294	9.153963	20.35451
protein_co	zinc_finger	197	128	155	216	215	331	2.141742	1.784515	2.033203	3.644896
protein_co	zinc_finger	71	56	48	41	64	89	1.358854	1.374395	1.108418	1.217948
protein_co	zinc_finger	16	11	9	11	10	13	0.247522	0.218221	0.167991	0.26413
protein_co	VCP-interac	1116	779	898	356	507	528	21.41132	19.16576	20.78756	10.60131
protein_co	chondroiti	2402	1886	1975	1725	2290	1713	24.75381	24.92413	24.5575	27.59234
protein_co	small_nucl	1068	735	931	1514	1774	1494	20.52399	18.11287	21.5868	45.15927
pseudogen	keratin_17	0	1	0	1	0	0	0	0.038894	0	0.047076
protein_co	lethal_gian	3132	2520	2681	3390	3788	3501	24.46028	25.23769	25.26298	41.09319
protein_co	nuclear_rec	0	0	0	0	0	3	0	0	0	0
protein_co	lin-28_hom	0	0	0	28999	32143	35167	0	0	0	526.5822
protein_co	THAP_dom	125	95	101	126	107	183	2.712287	2.643374	2.644205	4.243524
protein_co	rhophilin_I	156	109	100	692	758	477	1.928511	1.727959	1.491577	13.27804
protein_co	chromosor	813	647	696	246	311	231	15.47142	15.78895	15.98074	7.266165
protein_co	chromosor	93	77	70	85	105	84	1.897638	2.014793	1.723362	2.692029
protein_co	leucine_ric	1	1	0	21	19	7	0.00954	0.012234	0	0.310962
protein_co	actin-relate	644	561	573	257	344	321	16.63756	18.58557	17.86103	10.30546
protein_co	abhydrolas	6	10	15	146	228	121	0.098268	0.210024	0.296414	3.711439
protein_co	GTP_cyclol	24	28	29	202	284	170	0.382385	0.572081	0.557489	4.99542
protein_co	lectin_gala	785	633	650	62	58	46	21.28899	22.01397	21.26899	2.609802
pseudogen	ubiquitin-c	0	1	0	0	0	0	0	0.140163	0	0
protein_co	podocan-li	162	110	112	7	12	8	2.768288	2.410451	2.309204	0.185663
protein_co	DnaJ_(Hsp4	2344	1870	1988	1555	1938	1155	48.54691	49.66551	49.67849	49.98789
protein_co	zinc_finger	805	600	636	1851	2327	1944	8.699346	8.314791	8.292699	31.04757
protein_co	F-box_and_	210	155	155	200	260	184	5.4614	5.169228	4.863673	8.073189
protein_co	regulatory_	749	583	648	523	765	379	8.107254	8.09226	8.462818	8.786666
protein_co	zinc_finger	2	0	2	11	3	7	0.030637	0	0.036965	0.261541
protein_co	chromosor	36	17	16	89	136	77	0.671723	0.406767	0.36021	2.577558
protein_co	DDB1_and_	1284	968	997	1505	1902	1638	26.51113	25.62996	24.83742	48.23144
protein_co	coiled-coil_	865	672	749	789	1167	644	11.32641	11.28378	11.8333	16.03554
protein_co	retbindin	0	1	0	22	23	10	0	0.028964	0	0.77127
protein_co	matrilin_3	252	163	146	93	169	125	4.681571	3.883184	3.272593	2.681665
protein_co	tripartite_r	233	178	219	211	232	204	5.678469	5.562944	6.439727	7.981569
protein_co	spermatoge	86	47	52	130	157	104	0.810887	0.568289	0.59158	1.902549
protein_co	leucine_ric	2729	2185	2288	1152	1361	952	28.72342	29.49127	29.05606	18.81983
protein_co	LIM_homec	6	6	5	33	53	85	0.06827	0.087546	0.068643	0.582804
protein_co	growth_arr	2	3	0	1	2	0	0.031115	0.05985	0	0.024147
protein_co	chaperonir	8	7	6	21	27	18	0.111876	0.125532	0.101239	0.455823
protein_co	acetyl-CoA_	7327	6199	6473	4593	5047	4339	34.48737	37.41664	36.76102	33.55527
protein_co	DEAH_(Asp	3111	2293	2504	2881	3742	2868	35.44954	33.50611	34.4265	50.9547
protein_co	v-raf-1_mu	1929	1678	1724	1879	2253	2158	27.40935	30.57509	29.55642	41.44038
protein_co	solute_carr	0	0	0	25	22	28	0	0	0	0.423532
protein_co	peroxisome	217	213	166	3	4	5	5.014852	6.312295	4.628651	0.107609
protein_co	nucleopori	9	7	5	3504	4488	2817	0.058686	0.058533	0.039338	35.46383
protein_co	Fc_recepto	4	4	1	0	0	0	0.064609	0.082852	0.019489	0
protein_co	hydroxyste	305	260	318	239	234	285	5.628278	6.152596	7.080288	6.845483
protein_co	enolase_su	426	388	376	501	561	741	4.84716	5.661335	5.161949	8.848018
lincRNA	long_interg	0	0	0	1	2	2	0	0	0	0.035834
protein_co	elastin_mic	86	58	74	416	512	507	0.682325	0.590106	0.70839	5.12291
protein_co	ADP-ribosy	1076	920	860	556	661	866	19.84021	21.7536	19.13289	15.91253
protein_co	tripartite_r	912	753	803	232	365	394	12.58126	13.3209	13.36573	4.967612
protein_co	cyclic_nucl	1	3	4	7	9	6	0.025169	0.096827	0.121472	0.273461
protein_co	tripartite_r	380	316	288	182	185	195	5.96126	6.356981	5.451236	4.431557
protein_co	ribosomal_	306	275	289	208	249	255	2.187248	2.520685	2.492427	2.307652

protein_co	translocase	550	401	453	240	293	538	9.080813	8.490158	9.024191	6.150406
protein_co	EFR3_homo	1523	1258	1255	317	325	962	13.13231	13.91013	13.05669	4.242589
protein_co	HERV-H_LT	0	0	0	990	1258	1433	0	0	0	17.55225
protein_co	pentatricop	901	839	842	1467	1411	1592	6.27382	7.491669	7.074038	15.85506
protein_co	inner_mem	1847	1543	1539	1583	1587	1734	28.859	30.91645	29.01356	38.39068
protein_co	mitochond	680	602	572	531	580	670	8.555195	9.712406	8.682906	10.36922
protein_co	IQ_motif_c	12	10	12	56	93	58	0.168669	0.180245	0.203509	1.221723
protein_co	integrin-lin	418	325	345	244	286	387	7.393447	7.371627	7.362712	6.698707
protein_co	period_circ	123	91	120	132	131	153	0.903285	0.856979	1.063283	1.50461
protein_co	receptor_(	550	390	392	5	7	16	28.34012	25.76991	24.37099	0.399889
protein_co	selenocyste	63	49	76	152	131	132	0.521184	0.519824	0.758599	1.951752
protein_co	protein_tyr	349	326	341	20	27	11	2.852967	3.417419	3.363362	0.253765
protein_co	RAN_memb	6200	4926	5308	10653	11246	13704	109.2514	111.3113	112.8534	291.3654
protein_co	protein_kir	991	771	784	345	412	404	9.132863	9.11165	8.717609	4.934951
protein_co	caspase_rec	6	2	3	1	6	3	0.066652	0.028491	0.04021	0.017242
protein_co	RAP1_GTPa	527	409	430	1823	2235	1303	3.709809	3.692101	3.652224	19.91857
protein_co	clustered_r	2377	1648	1828	2042	2876	3187	21.26241	18.90384	19.72912	28.35108
protein_co	inositol_pc	450	349	344	401	483	444	6.606295	6.570225	6.093292	9.137351
protein_co	MYB_bindi	2324	1655	1951	2653	3485	4014	22.66952	20.70206	22.9621	40.16743
protein_co	replication	2163	1795	1842	2604	2966	2760	23.36938	24.86935	24.012	43.66788
protein_co	serpin_pep	4053	3082	3117	239	304	316	122.7682	119.7158	113.9185	11.23667
protein_co	ubiquitin-c	1409	1093	1180	2381	3514	2700	16.62507	16.53796	16.79897	43.60561
protein_co	eukaryotic_	335	281	280	201	313	241	7.050339	7.583695	7.110028	6.565862
protein_co	TBC1_dom	564	431	479	607	749	602	5.36974	5.26212	5.50247	8.970018
protein_co	transmemb	260	185	194	285	347	294	7.018655	6.404152	6.318738	11.94142
protein_co	coenzyme_	119	112	110	215	197	177	4.179709	5.044597	4.661652	11.72109
protein_co	PNN-intera	1833	1589	1595	2436	2490	2551	16.81326	18.69058	17.65218	34.68145
protein_co	popeye_do	183	135	148	10	40	21	6.379831	6.035333	6.225409	0.541114
protein_co	Sec61_gam	2251	1841	1943	1075	925	968	86.02235	90.2192	89.58941	63.76388
protein_co	LanC_lantib	363	263	323	203	249	560	3.910194	3.632928	4.197999	3.39405
protein_co	fidgetin-lik	158	124	115	162	153	225	2.00233	2.015161	1.758428	3.186575
protein_co	dopa_deca	0	0	0	1	0	1	0	0	0	0.035659
protein_co	G-rich_RNA	2383	1910	2105	2147	2666	2452	16.76251	17.22891	17.8655	23.44108
protein_co	immunoglo	0	0	1	0	0	0	0	0	0.039343	0
protein_co	ankyrin_rep	3080	2571	2764	1866	2004	1786	13.39218	14.33547	14.50062	12.59339
protein_co	UTP3_smal	833	630	697	672	856	1006	18.85105	18.28271	19.03143	23.60426
protein_co	integrin_be	26	16	15	364	446	163	0.205971	0.16254	0.143374	4.47573
protein_co	WW_doma	2302	1788	1847	1437	1684	1182	29.03196	28.91664	28.10515	28.12926
protein_co	H3_histone	10570	8214	8667	9687	12098	10701	177.8355	177.2178	175.9382	252.9666
protein_co	unkempt_h	958	737	782	640	781	675	11.09425	10.94484	10.92666	11.50385
protein_co	tripartite_r	231	189	158	70	103	24	4.78005	5.015239	3.944806	2.248273
protein_co	zinc_finger_	1548	1133	1233	906	1019	1367	19.74048	18.52789	18.97133	17.93269
protein_co	ankyrin_rep	0	1	0	1	6	2	0	0.015169	0	0.01836
protein_co	eukaryotic_	5694	4126	4382	7784	11285	9947	176.6987	164.1929	164.0727	374.9292
protein_co	lysine_(K)-s	1520	1140	1247	521	581	229	10.61713	10.21123	10.50941	5.648484
protein_co	C-type_lect	4	0	1	0	0	0	0.1042	0	0.031431	0
protein_co	solute_carr	2	0	0	14	16	2	0.031375	0	0	0.340889
protein_co	guanylate_(	1	0	0	12	19	8	0.01268	0	0	0.23617
protein_co	G_protein_	4	4	8	3	9	4	0.094871	0.121659	0.228935	0.11044
protein_co	XIAP_assoc	5	7	6	1	0	0	0.064712	0.116177	0.093694	0.020088
protein_co	discs_large_	1615	1323	1380	683	781	402	19.05091	20.01301	19.64131	12.50531
protein_co	heat-respo	168	127	115	346	337	374	7.452718	7.224677	6.155329	23.82385
protein_co	vacuolar_p	1206	920	996	238	265	307	3.993599	3.906738	3.979463	1.223276
protein_co	regulator_(	0	0	1	0	1	0	0	0	0.013169	0
protein_co	matrilin_2	835	675	722	264	307	207	9.528636	9.877735	9.940987	4.676045
protein_co	receptor_a	692	568	552	712	932	545	14.95295	15.73904	14.39156	23.87982
protein_co	pterin-4_al	102	97	109	135	181	157	0.850877	1.037643	1.097088	1.747958
protein_co	stromal_ce	518	452	456	322	349	375	15.49045	17.33333	16.45308	14.94585
protein_co	flotillin_2	2443	2004	2074	3384	3781	2930	41.5647	43.72283	42.57533	89.36388
protein_co	Era_G-prot	801	646	638	952	1046	1079	19.51112	20.17862	18.75074	35.99292
protein_co	protein_arg	718	530	618	802	1053	1103	7.944085	7.519772	8.250038	13.77286
protein_co	NIP7_nucle	622	436	501	529	689	1121	12.14221	10.91448	11.8003	16.02852
protein_co	telomeric_	620	436	454	569	660	526	9.74583	8.788666	8.610553	13.88257
protein_co	vacuolar_p	1258	983	997	987	1249	1068	25.32745	25.37896	24.21888	30.84314
protein_co	metastasis_	448	360	371	235	297	207	4.208078	4.336283	4.20463	3.426132

protein_co	heat_shock	51	23	42	172	237	125	0.758931	0.438904	0.754101	3.972747
protein_co	ankyrin_rep	7	7	8	98	148	96	0.087249	0.111884	0.120309	1.895912
protein_co	PC-esterase	823	614	596	289	358	221	19.14211	18.31334	16.72569	10.43322
protein_co	synaptosor	17	8	18	8	7	9	0.353338	0.213226	0.4514	0.258084
protein_co	BTB_(POZ)_	1357	1127	1221	738	880	684	12.38656	13.1918	13.44728	10.45581
protein_co	proliferatir	2328	1793	1914	3590	4248	4877	80.32374	79.33239	79.68029	192.2586
protein_co	NTF2-like_e	340	275	266	183	254	287	14.19644	14.72457	13.40079	11.85993
protein_co	polymerase	210	181	201	154	218	279	4.075705	4.504757	4.70682	4.63911
protein_co	Ras_and_Ra	1842	1439	1574	32	36	22	19.17234	19.20683	19.76689	0.516971
protein_co	protein_tyr	1397	1170	1214	1182	1256	1078	17.58533	18.88641	18.4383	23.09415
protein_co	death_asso	1297	1025	927	981	1043	964	29.11266	29.50361	25.10555	34.17759
protein_co	Rh_family_	1	0	0	28	57	29	0.019336	0	0	0.840344
protein_co	KIAA0907	728	621	650	684	848	568	7.587449	8.299756	8.173834	11.06499
protein_co	ATPase_Na-	1	0	0	8	5	17	0.011974	0	0	0.148682
protein_co	nestin	17773	13486	14830	6143	8910	9539	149.9418	145.8997	150.9562	80.44014
protein_co	brevican	9	10	6	81	101	49	0.121933	0.173735	0.098079	1.703312
protein_co	Rho_guanir	1461	1121	1214	975	1233	1086	9.944305	9.784512	9.969903	10.30052
protein_co	RAB25_mer	6	6	8	913	930	507	0.255764	0.327981	0.411458	60.40724
protein_co	hyaluronar	19	11	7	16	22	5	0.503055	0.373477	0.223619	0.657525
protein_co	DDB1_and_	489	477	480	637	726	608	5.58432	6.985366	6.613795	11.29097
protein_co	synaptotag	983	748	784	328	419	308	8.796352	8.583414	8.464732	4.555682
protein_co	immunoglo	507	335	365	388	497	360	6.001828	5.085454	5.213345	7.12915
protein_co	aspartoacyl	0	0	0	0	2	0	0	0	0	0
protein_co	aldehyde_d	0	0	0	18	14	7	0	0	0	0.49454
protein_co	metallothio	15	18	15	1009	1261	633	0.201245	0.309681	0.242813	21.01139
protein_co	methylmal	217	155	180	139	177	181	3.413329	3.126507	3.416166	3.393624
protein_co	DPH2_hom	525	465	469	858	1169	1461	9.958438	11.31082	10.73378	25.26095
protein_co	target_of_E	198	138	156	85	119	386	3.886238	3.473383	3.69434	2.589486
protein_co	nuclear_au	3803	3133	3312	11624	12504	14115	48.73537	51.48583	51.21019	231.2086
protein_co	mutY_hom	166	146	107	673	825	554	4.035118	4.551037	3.138195	25.39181
protein_co	catenin_be	813	690	686	781	899	804	12.74969	13.87611	12.9802	19.01038
protein_co	lipin_3	60	36	61	100	172	86	0.644832	0.496143	0.790994	1.668114
protein_co	zinc_finger_	78	56	62	73	75	149	1.31894	1.214305	1.264941	1.915949
protein_co	RNA_bindir	420	291	282	1385	1908	1620	8.267761	7.345832	6.697856	42.31739
protein_co	V-set_and_	57	29	29	28	45	13	1.364334	0.89013	0.837514	1.040242
protein_co	chromosor	346	277	250	411	392	484	10.03957	10.3069	8.752399	18.51021
protein_co	serine_incc	1676	1218	1386	815	888	762	17.68002	16.47651	17.64087	13.34433
protein_co	protein_ph	265	237	222	62	95	36	3.592326	4.119908	3.631038	1.304524
antisense	-	2	0	2	1	0	0	0.066229	0	0.079909	0.051398
protein_co	dimethylgl	9	3	7	6	4	2	0.136264	0.058246	0.127875	0.141001
protein_co	betaine--hc	0	1	0	0	0	0	0	0.029332	0	0
protein_co	adaptor-rel	2045	1643	1631	925	1017	996	16.42516	16.92245	15.80587	11.53157
protein_co	zinc_finger_	236	172	213	90	151	241	1.792943	1.675685	1.95246	1.061274
protein_co	InaD-like_(I	766	636	656	1076	1145	787	4.223134	4.496479	4.363731	9.20765
protein_co	KN_motif_a	1956	1536	1647	8	18	9	19.66064	19.79836	19.97425	0.12481
protein_co	angiopoieti	0	1	1	2	3	0	0	0.021437	0.02017	0.051893
protein_co	synaptotag	0	0	0	49	35	51	0	0	0	0.867691
protein_co	solute_carr	4	3	7	4	2	9	0.045011	0.04329	0.095039	0.069863
protein_co	F-box_prot	226	158	169	345	406	295	3.191911	2.861599	2.879898	7.562961
protein_co	REM2_and_	154	102	122	82	120	57	4.673827	3.969734	4.467451	3.862747
protein_co	caspase_9_	144	122	130	158	207	205	1.51292	1.6437	1.647953	2.576565
protein_co	neuromedi	1	1	0	0	4	0	0.022619	0.029006	0	0
protein_co	dynactin_4	1356	1010	1008	812	949	889	15.11	14.43229	13.55231	14.04401
protein_co	phosphodi	1	0	0	3	1	5	0.008218	0	0	0.038265
protein_co	ATPase_am	40	21	30	69	89	106	0.195885	0.131877	0.17726	0.524471
protein_co	microtubul	6	1	4	6	10	10	0.059267	0.012667	0.047673	0.09199
protein_co	zinc_finger_	219	170	181	155	160	161	3.142262	3.127927	3.133466	3.451918
protein_co	ubiquitin_s	243	230	235	187	234	223	2.987487	3.626076	3.485906	3.568386
protein_co	exportin_4	889	709	781	907	1010	1221	4.217445	4.313236	4.470404	6.6786
protein_co	transmemb	0	1	0	0	0	0	0	0.033536	0	0
protein_co	proteasom	2041	1519	1575	1196	1092	1637	67.01858	63.9616	62.39945	60.95563
protein_co	cyclin-depe	472	403	415	486	606	239	7.244546	7.932016	7.68538	11.57806
protein_co	arachidona	2	1	2	0	0	0	0.104549	0.067034	0.126144	0
pseudogen	high_mobil	209	154	196	206	265	299	9.949252	9.401004	11.25766	15.22095
protein_co	WAS_prote	540	446	496	706	801	599	5.269638	5.581246	5.840052	10.69356

protein_co	ring_finger_	0	1	0	1	0	0	0	0.011746	0	0.014218
protein_co	G_protein-r	0	0	0	2	4	1	0	0	0	0.030037
protein_co	cholinergic	55	34	33	146	142	87	0.293797	0.232902	0.21269	1.210509
protein_co	myosin_hea	0	1	0	0	0	0	0	0.009954	0	0
protein_co	myosin_hea	7910	6532	6852	6494	7399	6921	47.78408	50.60137	49.94272	60.8905
protein_co	phosphatid	302	221	266	286	308	256	13.48646	12.65589	14.33246	19.82383
protein_co	SCO1_cyto	396	292	329	511	561	685	10.61661	10.03882	10.64228	21.26385
protein_co	myosin_ph	7971	6114	6803	3470	4438	3341	34.10222	33.54321	35.11708	23.04251
protein_co	chitinase_3	0	0	0	0	1	2	0	0	0	0
protein_co	phosphatid	564	435	463	609	739	642	3.440798	3.403131	3.408074	5.766706
protein_co	dual_serine	806	581	614	564	593	393	4.799766	4.436806	4.411654	5.213082
protein_co	chitinase_1	0	1	0	1	2	0	0	0.010724	0	0.01298
protein_co	solute_carr	998	751	861	688	812	507	9.364866	9.036918	9.748151	10.02051
protein_co	leucine-rich	6	6	6	22	40	17	0.078873	0.101143	0.095165	0.44888
protein_co	transmembr	239	164	194	385	497	270	2.998051	2.638118	2.936235	7.496047
protein_co	doublecort	279	223	229	604	628	653	2.293936	2.351209	2.27175	7.708048
protein_co	cyclin_A1	571	489	542	93	64	54	13.64638	14.98648	15.62891	3.449807
protein_co	component	834	766	793	211	231	186	7.438896	8.761542	8.534216	2.92116
protein_co	spastic_par	1614	1371	1432	1157	1349	1427	15.30754	16.67434	16.38676	17.032
protein_co	epithelial_s	33	28	26	17	18	33	0.336166	0.365769	0.319566	0.268794
protein_co	transient_r	32	22	21	24	16	18	0.369668	0.325907	0.292704	0.430331
protein_co	periostin_o	91440	74900	75783	2	4	27	1271.16	1335.227	1271.112	0.043154
protein_co	regulatory_	238	192	191	143	200	98	4.843674	5.010816	4.69007	4.517149
protein_co	tumor_pro	26512	21321	21029	14531	14676	15769	671.6089	692.6134	642.7479	571.347
protein_co	KIAA1704	537	486	450	354	511	312	5.863982	6.805561	5.928965	6.000012
protein_co	klotho	24	25	27	0	0	1	0.224802	0.300289	0.305142	0
protein_co	replication	427	278	326	486	644	972	8.335569	6.959235	7.678441	14.72564
protein_co	StAR-relate	1917	1428	1548	59	45	36	15.19151	14.51164	14.80123	0.725707
protein_co	insulin_rec	5	11	5	102	119	101	0.059505	0.167875	0.071796	1.884147
protein_co	MORC_fam	604	537	584	91	76	104	7.386951	8.421935	8.617656	1.727429
protein_co	brain_expr	19	16	10	171	212	239	0.827215	0.893293	0.525306	11.55557
protein_co	ring_finger_	25	25	28	6	16	10	0.416134	0.533633	0.562341	0.155016
protein_co	TBC1_dom	506	407	478	73	66	67	4.15014	4.280711	4.730294	0.929321
protein_co	transcriptio	1412	1084	1186	721	831	745	42.14431	41.48994	42.71073	33.40181
protein_co	testis_expr	0	0	0	1	0	1	0	0	0	0.052777
protein_co	brain_expr	188	155	151	277	322	379	10.20292	10.78717	9.887617	23.33334
protein_co	family_with	319	252	272	260	356	281	5.220913	5.288904	5.371217	6.604799
protein_co	solute_carr	568	478	429	179	218	245	9.677881	10.44406	8.819365	4.733861
protein_co	EPH_recept	1596	1226	1302	505	608	497	16.12507	15.88432	15.87186	7.919371
protein_co	serine/argi	2370	1984	2143	3423	4070	4037	27.70614	29.74259	30.2272	62.11051
protein_co	BTB_(POZ)_	2623	1989	2135	2524	3199	1557	44.67581	43.44285	43.8753	66.72583
protein_co	PML-RARA_	4	3	2	12	12	2	0.070326	0.067638	0.042426	0.327468
protein_co	suppressor_	212	134	200	612	791	304	4.307055	3.491071	4.902557	19.29863
protein_co	zinc_finger_	244	172	183	313	404	334	8.17226	7.387375	7.395227	16.27148
protein_co	phosphodi	1	3	1	117	149	84	0.014296	0.054997	0.017249	2.596109
protein_co	HSPA_(heat	1460	1038	1056	1374	1842	1621	38.72139	35.30245	33.7917	56.56077
protein_co	casein_kina	5521	3934	4383	3134	4787	3949	89.95128	82.19271	86.16068	79.25361
protein_co	ankyrin_rep	322	260	280	266	194	243	2.556915	2.647544	2.682666	3.27848
protein_co	CNDP_dipe	2070	1634	1686	2911	3633	3911	21.45972	21.72277	21.08917	46.84104
protein_co	MACRO_do	300	260	273	452	734	240	11.67386	12.97406	12.81752	27.29998
protein_co	WD_repeat	437	341	366	727	956	991	11.80354	11.81121	11.92779	30.47864
protein_co	lectin_gala	0	0	0	6	3	8	0	0	0	0.240462
protein_co	reticulon_3	1862	1579	1668	3414	3902	3038	17.68467	19.2313	19.11443	50.32818
protein_co	retinoic_ac	0	0	0	7	5	8	0	0	0	0.543133
protein_co	HRAS-like_s	0	0	0	1	1	0	0	0	0	0.098086
protein_co	myosin_hea	63	52	61	38	50	19	0.426827	0.451777	0.498643	0.3996
protein_co	FGFR1OP_N	506	362	363	470	622	536	10.42916	9.567906	9.027212	15.03583
protein_co	mediator_c	622	434	460	193	245	311	25.56143	22.87146	22.8087	12.31069
protein_co	PDZ_domai	1033	726	822	294	384	241	4.138533	3.729856	3.973433	1.828201
protein_co	MORC_fam	1052	849	905	994	1207	1005	11.03788	11.42318	11.45689	16.18777
protein_co	like-glycosy	410	331	375	1727	2047	1267	4.360378	4.514167	4.811933	28.50776
protein_co	glutathione	0	0	0	1	3	1	0	0	0	0.066224
protein_co	myosin_XV	2	0	0	10	20	8	0.010949	0	0	0.084973
protein_co	solute_carr	157	100	134	158	260	174	2.286963	1.867965	2.355116	3.572292
protein_co	C1q_and_tu	958	695	759	203	273	117	8.97874	8.35303	8.583012	2.953088

protein_co	family_witl	6	2	3	811	1090	767	0.135847	0.058068	0.081954	28.50044
protein_co	SEC14-like_	2	0	0	7	10	0	0.036419	0	0	0.197848
pseudogen	zinc_finger_	11	8	6	14	12	11	0.216537	0.201947	0.142508	0.427757
protein_co	GTPase_IM/	3	1	0	0	2	0	0.040892	0.01748	0	0
protein_co	GTPase_IM/	3	5	3	1	6	5	0.068353	0.146088	0.082472	0.035364
protein_co	aarF_doma	321	232	276	259	305	178	6.332224	5.86879	6.569137	7.930151
protein_co	makorin_ri	1486	1221	1267	2683	3165	2336	20.09765	21.17637	20.67527	56.32195
protein_co	ArfGAP_wit	2524	2018	2091	2213	2887	1424	31.55169	32.34922	31.53809	42.93834
protein_co	KRAB-A_do	403	327	359	268	392	271	4.701836	4.892372	5.053647	4.853194
pseudogen	zinc_finger_	220	196	194	120	149	85	2.930626	3.348136	3.118082	2.48113
protein_co	ARP3_actin	188	135	178	492	535	479	1.590352	1.464464	1.816785	6.459979
protein_co	neurotensi	41	35	24	205	209	458	1.554156	1.701328	1.097665	12.06133
protein_co	B-cell_trans	754	607	612	296	458	423	14.44243	14.90963	14.14388	8.800172
protein_co	leucine-rich	50	28	40	10	5	21	0.43465	0.312131	0.419544	0.134927
protein_co	chromosom	323	263	271	140	183	132	4.918959	5.136127	4.979526	3.309247
protein_co	ATPase_typ	1122	880	938	1228	1670	1436	6.814844	6.854174	6.87407	11.57689
protein_co	surfactant_	1	0	0	1	2	1	0.036604	0	0	0.056815
protein_co	DPY30_dor	0	0	0	27	34	32	0	0	0	0.871808
protein_co	transmemb	253	196	198	333	338	306	5.719949	5.682469	5.401133	11.68547
protein_co	transmemb	403	297	311	340	396	349	2.14613	2.028228	1.998294	2.81035
protein_co	v-Ki-ras2_K	1238	953	958	1387	1820	1105	10.06936	9.93993	9.401446	17.51008
protein_co	importin_8	930	822	761	1022	1199	969	8.189242	9.282008	8.085251	13.96825
protein_co	leucyl-tRNA	2573	2050	2030	4118	4810	4284	25.31431	25.86363	24.09741	62.88444
protein_co	serine_pep	24	25	17	156	156	103	0.307812	0.411172	0.26307	3.105484
protein_co	inositol(my	343	232	242	163	151	238	5.978913	5.185916	5.089692	4.410077
protein_co	leucine_ric	213	198	201	208	167	230	2.222919	2.649833	2.530976	3.369285
protein_co	E2F_transc	200	153	220	293	349	386	1.862193	1.826819	2.471527	4.234409
protein_co	carbonic_a	2	1	0	0	0	0	0.033673	0.021591	0	0
protein_co	coiled-coil_	309	259	259	316	413	558	6.896247	7.412478	6.974325	10.94641
protein_co	SWAP_swit	1282	1072	1077	763	899	719	12.31319	13.20343	12.48091	11.37464
protein_co	aryl_hydro	134	96	113	63	75	128	1.626945	1.494682	1.655368	1.187242
protein_co	lymphatic_	33	31	21	0	1	11	0.472768	0.569515	0.362996	0
protein_co	adenosine_	45	34	40	79	92	68	0.528305	0.511871	0.566605	1.43956
protein_co	MICAL_C-te	99	83	94	1	2	4	1.525004	1.639544	1.747075	0.023909
protein_co	SET_bindin	602	582	528	527	591	371	3.794568	4.704334	4.015576	5.155929
protein_co	microtubul	5013	3946	4484	16	14	50	37.26965	37.62045	40.2227	0.184632
protein_co	related_RA	359	287	321	2281	3002	2475	7.138896	7.318597	7.701755	70.40319
protein_co	hydroxyste	1787	1528	1550	3792	4058	3671	15.12499	16.58454	15.82889	49.81607
protein_co	zinc_finger_	916	762	857	489	529	266	5.653713	6.031184	6.382152	4.684655
protein_co	testis_expr	30	18	22	77	46	154	0.138088	0.106247	0.122181	0.550117
protein_co	transmemb	2839	2174	2276	1342	1512	1316	61.80165	60.6881	59.77987	45.34378
protein_co	ring_finger_	263	196	200	556	670	266	6.601753	6.309122	6.057335	21.66251
protein_co	dual_specif	0	1	1	41	56	31	0	0.032876	0.030932	1.631477
protein_co	D4_zinc_an	1729	1354	1412	1909	2047	1480	16.75059	16.82143	16.50509	28.70592
protein_co	multiple_e	1434	1013	1177	1270	1845	1318	21.26511	19.26359	21.05926	29.23161
protein_co	chromosom	1231	1014	1067	784	869	1045	21.92237	23.15671	22.92672	21.67086
protein_co	goosecoid_	4	8	1	10	19	16	0.148975	0.38208	0.044937	0.578076
protein_co	chromosom	208	161	165	260	345	350	3.171748	3.148259	3.035759	6.153739
protein_co	unc-79_hor	13	3	5	45	74	107	0.066986	0.019823	0.031085	0.3599
protein_co	numb_hom	1075	965	980	693	705	521	9.746088	11.21911	10.72003	9.751818
protein_co	catsper_ch	1	0	0	5	8	3	0.012942	0	0	0.100441
protein_co	vertebrae_	0	0	0	4355	5370	6623	0	0	0	91.44721
protein_co	COX16_cyt	68	46	51	55	74	75	1.85703	1.610932	1.680461	2.331327
protein_co	tetratricop	85	71	68	1269	1571	990	0.763974	0.818328	0.737423	17.70319
protein_co	mediator_c	301	258	256	230	268	371	7.074634	7.776184	7.259814	8.390654
protein_co	eukaryotic_	1467	1198	1295	1005	1108	1447	15.33727	16.06143	16.33563	16.30852
protein_co	ADAM_met	1	0	0	3	0	1	0.016776	0	0	0.078118
protein_co	lysyl_oxida	18157	13305	14144	972	1192	935	239.8935	225.4232	225.4731	19.93293
protein_co	elongator_	678	541	573	592	697	614	9.209569	9.423586	9.391009	12.48136
protein_co	phosphatid	4	2	1	2	1	0	0.210742	0.135123	0.063568	0.16355
protein_co	CBP80/20-	1650	1233	1306	421	540	429	13.4554	12.89392	12.85002	5.328747
protein_co	maestro	0	0	0	11	2	5	0	0	0	0.376035
protein_co	methyl-CpG	584	434	496	388	530	333	6.711708	6.39616	6.877806	6.921216
protein_co	immediate_	372	288	262	111	94	108	11.77791	11.69303	10.00863	5.454799
protein_co	mitochond	243	233	225	198	256	225	8.860244	10.89443	9.898514	11.2056

protein_co	cyclin_B1	2472	1872	2036	3789	4215	4242	53.44035	51.89626	53.10638	127.1382
protein_co	cyclin-depe	403	324	331	787	766	770	12.98741	13.38973	12.87044	39.36612
protein_co	CD180_mo	1	2	0	2	0	0	0.017201	0.044116	0	0.053397
protein_co	interleukin	50	53	44	40	63	29	0.673127	0.914981	0.714706	0.835829
protein_co	calcium/ca	23	14	33	4	16	7	0.724778	0.565737	1.254699	0.195645
protein_co	THUMP_do	459	384	377	625	602	612	5.433607	5.829296	5.384743	11.48381
protein_co	von_Hippel	1541	1082	1209	875	1369	1052	19.3357	17.4098	18.30339	17.04103
protein_co	basic_helix	3855	3077	3176	92	97	127	52.04751	53.27365	51.73735	1.927942
protein_co	ADP-ribosy	1108	856	861	445	564	688	17.28923	17.12849	16.21015	10.77771
protein_co	ER_degrada	2226	1818	1855	407	472	262	16.98294	17.78652	17.07575	4.819619
protein_co	contactin_(	1	0	2	0	0	0	0.01039	0	0.025072	0
protein_co	cell_adhesi	0	0	0	5	1	2	0	0	0	0.045414
protein_co	Meis_home	472	341	401	3	5	24	4.593626	4.255762	4.708754	0.045317
protein_co	ATP_bindir	16	14	14	154	177	150	0.21822	0.244857	0.230383	3.260061
protein_co	katanin_p8	539	499	512	281	326	283	9.281572	11.01901	10.63777	7.510512
protein_co	ER_membr	782	633	667	386	409	495	31.74718	32.95425	32.67174	24.32295
protein_co	transient_r	0	0	0	10	12	6	0	0	0	0.127349
protein_co	guanine_nu	37	31	30	11	28	25	1.295691	1.392101	1.267562	0.597892
protein_co	glutathione	0	0	0	42	50	36	0	0	0	2.632861
protein_co	PRP38_pre	1100	909	964	1179	1392	1586	13.83557	14.66148	14.6295	23.017
protein_co	tetraspanir	202	136	194	130	144	121	2.981361	2.574017	3.454721	2.978084
protein_co	thyroid_sti	0	1	0	0	0	0	0	0.104031	0	0
protein_co	glutathione	0	0	0	2	4	2	0	0	0	0.033309
protein_co	glutathione	667	503	521	21	17	13	7.576464	7.326862	7.140465	0.370246
protein_co	synaptotag	211	131	162	1009	1246	1223	2.221827	1.768921	2.058215	16.49109
protein_co	vav_3_guar	118	120	99	256	257	214	1.108822	1.446007	1.12244	3.733793
protein_co	proline/ser	545	406	435	1195	1273	1052	13.66581	13.05492	13.16061	46.50902
protein_co	3-hydroxy-3	2	0	0	0	0	0	0.038624	0	0	0
protein_co	protein_tyr	9	3	7	0	0	0	0.115493	0.049368	0.108382	0
protein_co	sortilin_1	2049	1487	1562	1273	1630	1208	13.6707	12.7224	12.57412	13.1828
protein_co	wingless-ty	15	20	13	5	14	4	0.18422	0.314981	0.192635	0.095311
protein_co	prostaglanc	13303	9515	10541	1155	1369	1159	100.9676	92.60845	96.53001	13.60645
protein_co	late_endos	378	346	302	252	301	288	9.685479	11.3688	9.336504	10.02214
protein_co	ADAM_met	0	1	0	0	0	0	0	0.020294	0	0
protein_co	notch_2	6301	4816	5224	1418	1728	1847	25.94205	25.42674	25.95052	9.061529
protein_co	tripartite_r	128	111	114	176	207	147	1.707517	1.898836	1.834881	3.644166
protein_co	choline/eth	349	276	348	290	399	304	3.087663	3.131287	3.714769	3.982291
protein_co	CD101_mo	33	39	39	8	18	23	0.436248	0.66114	0.622059	0.16415
protein_co	V-set_doma	0	0	0	4	1	2	0	0	0	0.111455
protein_co	nerve_grow	85	72	80	14	12	5	3.806735	4.135	4.322866	0.973178
protein_co	adaptor-rel	267	246	289	50	93	135	4.442738	5.249088	5.802101	1.291338
protein_co	N-ethylmal	608	492	538	323	445	339	7.385785	7.664212	7.885394	6.090123
protein_co	spire_homo	663	532	627	286	399	283	5.487746	5.646788	6.261755	3.67432
protein_co	periphilin_	1021	778	892	704	820	827	8.012503	7.829453	8.446084	8.575227
protein_co	FK506_bin	979	793	853	321	386	361	9.260707	9.619312	9.735507	4.712995
protein_co	ADP-ribosy	4250	3597	3682	3515	4020	4548	48.5463	52.68864	50.74568	62.31937
protein_co	transmemb	674	561	560	409	423	269	20.86064	22.26588	20.9124	19.64814
protein_co	solute_carr	4575	3584	3822	3577	4496	5364	43.88744	44.08862	44.23723	53.25969
pseudogen	pleckstrin_	128	107	111	154	198	137	3.263688	3.49858	3.414835	6.094665
protein_co	tyrosine_3-	6991	5510	6196	6737	7939	8119	147.9278	149.5105	158.1867	221.2624
protein_co	kinase_D-in	2100	1643	1856	845	865	804	13.37713	13.42117	14.26493	8.354698
protein_co	grainyhead	5	3	2	55	91	52	0.043417	0.033405	0.020954	0.741276
protein_co	Rho-associa	2311	1988	2099	511	500	603	13.06836	14.41607	14.32127	4.485104
protein_co	radical_S-a	5	12	17	1	0	2	0.066624	0.205046	0.273312	0.020682
protein_co	v-myc_mye	1	3	0	1301	1654	1781	0.018021	0.069327	0	36.3899
protein_co	lipin_1	2662	2196	2231	392	432	335	22.97887	24.30873	23.23637	5.252151
protein_co	cytidine_m	15	26	29	12	9	14	0.24388	0.542086	0.568894	0.302829
protein_co	isoamyl_ac	423	303	390	170	159	137	7.101496	6.523211	7.899909	4.429848
protein_co	lactate_deh	10420	9119	9577	13326	8760	10190	202.2326	226.9551	224.2647	401.4336
protein_co	serum_amy	0	0	0	1	0	0	0	0	0	0.071213
protein_co	anoctamin_	7	2	1	1	1	3	0.049417	0.018106	0.008518	0.010958
protein_co	interleukin	1103	826	890	56	47	66	5.710466	5.483848	5.559479	0.450002
protein_co	follistatin	620	512	543	161	224	535	11.45461	12.1302	12.10422	4.616843
protein_co	complemer	0	0	0	0	0	1	0	0	0	0
protein_co	neuron_na	4461	3514	4005	1470	2114	1588	15.97864	16.14056	17.30845	8.172508

protein_co	cell_divisio	1003	810	887	677	627	838	9.464819	9.801798	10.09911	9.915863
protein_co	translocase	1523	1293	1321	603	666	911	28.30499	30.81563	29.62197	17.39446
protein_co	crumbs_ho	1	1	1	0	0	1	0.005197	0.006664	0.00627	0
protein_co	endoplasm	3	4	2	34	39	15	0.039637	0.067771	0.031883	0.697242
protein_co	ribosomal_	379	265	318	555	861	625	4.642455	4.16259	4.699846	10.55193
protein_co	retina_and_	0	0	0	4	3	1	0	0	0	0.09106
protein_co	asparaginyl	2331	1937	2005	3136	3094	3460	35.26965	37.58355	36.60338	73.64874
protein_co	gastrin-rele	1	2	0	0	0	0	0.055295	0.141816	0	0
protein_co	KIAA1468	482	354	390	286	327	487	4.051082	3.81537	3.954911	3.73096
protein_co	F-box_prot	1746	1323	1427	740	902	652	22.11506	21.48885	21.80801	14.5481
protein_co	RNA_bindi	1177	993	1013	1595	1891	1886	14.71329	15.91813	15.27886	30.94742
protein_co	interleukin	0	0	0	4	5	4	0	0	0	0.091662
protein_co	ankyrin_rep	129	93	103	169	233	149	2.209208	2.042393	2.128297	4.492252
protein_co	enoyl_CoA_	35	44	37	377	459	162	0.928778	1.49729	1.18466	15.52801
protein_co	interleukin	2	1	4	53	51	18	0.055003	0.035267	0.132728	2.262363
protein_co	cyclin_H	456	353	341	329	323	311	8.942638	8.877381	8.068694	10.01445
protein_co	histamine_	0	0	0	0	2	1	0	0	0	0
protein_co	transmemb	278	257	249	131	185	135	4.43231	5.254457	4.78997	3.241807
protein_co	potassium_	299	275	298	506	543	290	3.054491	3.602548	3.673094	8.02322
protein_co	Cdk5_and_	1016	766	760	449	615	698	9.524242	9.208201	8.596038	6.533013
protein_co	dedicator_	80	70	71	63	77	63	0.615254	0.690354	0.658826	0.75203
protein_co	epithelial_	15608	12620	13428	15	18	7	265.5513	275.3404	275.6516	0.396116
protein_co	SRY_(sex_d	202	142	137	30	23	27	1.359131	1.225202	1.112189	0.313301
protein_co	RAS-like_es	115	95	91	1	1	9	2.381781	2.523114	2.274015	0.032147
protein_co	solute_carr	0	0	0	8	5	2	0	0	0	0.261211
protein_co	killer_cell_	0	1	0	0	2	0	0	0.018439	0	0
protein_co	chromosor	2	4	1	6	10	15	0.050829	0.130363	0.030664	0.236682
protein_co	proline-rich	3	2	2	3	1	3	0.209019	0.178692	0.168129	0.324427
protein_co	low_densit	452	379	420	1189	1375	1438	2.624355	2.821842	2.942263	10.7151
protein_co	myosin_bir	0	0	0	2	0	0	0	0	0	0.034517
protein_co	damage-spe	460	392	431	1307	1751	553	11.6844	12.76862	13.20912	51.52936
protein_co	acid_phosp	582	455	460	235	225	309	12.38765	12.419	11.81331	7.763619
protein_co	ubiquitin_s	0	0	0	0	2	2	0	0	0	0
protein_co	family_witl	5404	3869	4154	1029	1278	1116	205.011	188.2218	190.1413	60.59095
protein_co	RAB33A_m	42	34	31	60	58	25	1.565485	1.62513	1.39415	3.471215
protein_co	SRY_(sex_d	0	0	0	849	827	807	0	0	0	29.7927
protein_co	RNA_bindi	343	322	303	416	505	361	10.5257	12.67133	11.21883	19.8144
protein_co	Serine/thre	568	432	463	1582	1734	1563	8.100222	7.900265	7.966685	35.01753
protein_co	piwi-like_R	12	22	26	2	7	5	0.149689	0.351917	0.391318	0.038723
protein_co	melatonin_	0	0	0	1	0	0	0	0	0	0.046505
protein_co	pumilio_ho	2502	1937	2077	2019	2233	1603	21.82676	21.6691	21.86183	27.33812
protein_co	SPOC_dom	267	210	227	57	77	19	3.161524	3.188701	3.243091	1.047588
protein_co	tyrosyl-tRN	2509	1905	1991	3480	4307	3678	36.33325	35.37593	34.78747	78.21918
protein_co	polyhomeo	3537	2676	2841	279	315	322	42.85529	41.57812	41.53256	5.246916
protein_co	cell_divisio	894	767	849	1182	1263	1366	16.9784	18.67945	19.45427	34.84233
protein_co	guanine_nu	1508	1256	1432	1355	1377	1709	29.35249	31.35036	33.6306	40.93675
protein_co	argonaute_	499	428	423	480	563	297	3.2881	3.616576	3.363046	4.909261
protein_co	hook_hom	0	0	0	606	489	607	0	0	0	7.53023
protein_co	cytochrom	1	4	5	7	7	12	0.018395	0.094358	0.110976	0.199866
protein_co	basic_trans	949	769	771	1391	1611	1733	9.461753	9.831982	9.27487	21.52598
protein_co	zinc_finger_	1309	1197	1195	846	943	643	10.47781	12.28668	11.54109	10.51071
protein_co	PRP38_pre	834	707	758	881	829	1066	14.19465	15.43077	15.56596	23.27369
protein_co	desmocolli	461	390	392	679	888	891	4.218637	4.576624	4.328181	9.644318
protein_co	desmoglein	0	0	1	0	0	0	0	0	0.01024	0
protein_co	ring_finger_	169	165	146	609	779	765	2.219724	2.779108	2.313732	12.41538
protein_co	elongator_	1285	1143	1156	1706	1872	1520	10.30153	11.75045	11.18162	21.22796
protein_co	desmoglein	0	0	0	0	2	0	0	0	0	0
protein_co	desmocolli	704	560	598	128	147	73	4.730664	4.82555	4.848402	1.335026
protein_co	desmocolli	4	1	2	0	1	0	0.043915	0.014079	0.026493	0
protein_co	dystrobrevi	241	190	233	175	119	215	1.732673	1.751711	2.021173	1.952847
protein_co	formin_hor	974	790	774	56	99	53	9.194861	9.563628	8.816074	0.820549
protein_co	tubulin_po	2468	1982	2162	1256	1378	1459	28.71577	29.57252	30.35142	22.68274
protein_co	diacylglyce	385	263	300	80	95	78	3.135775	2.74694	2.948176	1.011357
protein_co	solute_carr	366	316	324	79	116	135	6.552786	7.255065	6.999032	2.195343
protein_co	translocase	590	420	512	603	684	791	40.68399	37.13899	42.59803	64.53856

protein_co	gastric_intr	1	1	0	2	0	0	0.028891	0.037049	0	0.089686
protein_co	DEAH_(Asp-	557	385	500	545	684	921	5.973865	5.295053	6.470209	9.072505
protein_co	apelin_rece	0	1	0	2	12	13	0	0.034838	0	0.084333
protein_co	fatty_acid_	25944	20101	21457	5997	6716	9712	239.8018	238.2553	239.2944	86.03597
protein_co	transmemb	34	18	32	30	38	31	0.942234	0.639679	1.069986	1.290422
protein_co	complemer	3	3	1	0	1	0	0.05082	0.06517	0.020439	0
protein_co	transmemb	1987	1460	1582	861	1157	1015	48.32493	45.53397	46.42243	32.50177
protein_co	clock_circa	882	721	785	439	436	391	4.013684	4.207452	4.310149	3.10077
protein_co	platelet-de	855	633	722	17	19	75	6.096558	5.788042	6.211605	0.188147
protein_co	gamma-glu	42	46	42	24	29	30	1.376227	1.932894	1.660497	1.220626
protein_co	collagen_ty	70941	52372	56453	4699	6685	4720	529.6011	501.372	508.495	54.4487
protein_co	claudin_10	6	5	5	200	293	189	0.105926	0.113196	0.106505	5.480407
protein_co	DAZ_intera	2455	1897	2154	663	890	599	16.28678	16.1384	17.2416	6.826968
protein_co	UBA_doma	968	742	763	803	1015	710	17.97605	17.66983	17.09589	23.14542
protein_co	arginine_ar	1706	1399	1414	1614	2438	1852	23.59716	24.81463	23.59816	34.65091
protein_co	basic_imm	433	325	369	75	114	83	5.264034	5.06668	5.41259	1.415215
protein_co	excision_re	207	160	183	131	116	132	1.912182	1.895344	2.039661	1.878281
protein_co	tripeptidyl	998	825	920	888	959	1186	10.04211	10.6453	11.16941	13.86877
protein_co	KDEL_(Lys-/	878	697	758	384	487	523	19.76449	20.12024	20.58773	13.41692
protein_co	cysteinyl-tF	939	811	828	655	792	754	12.52268	13.86953	13.32324	13.55824
protein_co	Rho_GTPas	1004	824	880	551	600	393	4.656075	4.900302	4.923988	3.966143
protein_co	STT3A_subu	5690	4718	4748	1944	1950	2264	58.53537	62.24054	58.93385	31.04079
protein_co	ADAM_met	0	0	0	291	361	266	0	0	0	5.281527
protein_co	acrosomal_	7	10	3	18	9	32	0.148386	0.271835	0.07673	0.592241
protein_co	v-ets_eryth	1285	978	1093	623	792	992	11.7614	11.479	12.07047	8.850638
protein_co	solute_carr	9	7	7	15	13	9	0.090677	0.09044	0.085094	0.234572
protein_co	klotho_bet	2	2	6	15	19	19	0.015419	0.019773	0.055813	0.179496
protein_co	transmemb	1199	889	957	384	470	474	14.96437	14.22821	14.41117	7.438766
protein_co	adenomatc	1039	873	933	333	198	515	4.418932	4.761298	4.78775	2.198247
protein_co	neuronal_r	2733	2087	2337	1594	1796	2046	35.95691	35.21069	37.09791	32.55079
protein_co	WD_repeat	732	595	615	675	749	787	4.869962	5.076224	4.93671	6.970256
protein_co	osteoclast_	505	413	415	186	220	217	17.95258	18.8276	17.80048	10.26311
protein_co	riboflavin_	334	219	283	158	233	180	5.835047	4.906269	5.965301	4.284355
protein_co	ubiquilin_1	2314	1942	2021	2030	2619	2200	17.91965	19.28523	18.88342	24.40016
protein_co	N(alpha)-ac	490	392	426	355	400	482	8.673503	8.898029	9.098213	9.753427
protein_co	chromosor	235	160	184	295	442	243	4.735348	4.134408	4.473525	9.22649
protein_co	annexin_A1	4967	4097	4239	4	3	24	105.4336	111.5219	108.5666	0.131788
protein_co	cathepsin_	1178	994	1055	266	285	276	25.37273	27.45476	27.41716	8.892709
protein_co	transmemb	3417	2691	2915	766	913	1873	24.56281	24.80596	25.28248	8.546578
protein_co	ATP/GTP_b	286	248	265	739	740	738	3.052708	3.394534	3.412818	12.24318
protein_co	golgi_mem	3918	3090	3266	2212	2612	2807	60.31355	60.99838	60.66172	52.85257
protein_co	family_witl	5	7	1	208	248	441	0.09676	0.173714	0.023349	6.247709
protein_co	phosphose	1715	1021	1306	2969	4460	4238	36.75337	28.05874	33.76947	98.75833
protein_co	iron-sulfur_	370	244	278	547	565	541	8.860728	7.493192	8.032682	20.33225
protein_co	ADAM_met	14283	11300	12234	749	1015	1430	103.3375	104.8398	106.796	8.411059
protein_co	hepatitis_A	2	3	13	1	4	1	0.03226	0.062053	0.253004	0.025036
protein_co	cyclin_J-lik	614	466	468	921	1209	780	8.36446	8.140757	7.692428	19.4742
protein_co	TAO_kinase	527	432	411	322	378	265	5.636642	5.925199	5.303954	5.345597
protein_co	ubiquitin_s	235	202	183	134	141	81	2.944723	3.245916	2.766787	2.606225
protein_co	serine_deh	2	1	2	10	6	3	0.058394	0.037441	0.070455	0.453174
protein_co	musashi_RI	136	89	96	1372	1955	1293	2.143544	1.798841	1.82563	33.56433
protein_co	HNF1_hom	35	19	16	27	39	38	0.407638	0.283772	0.224841	0.488091
protein_co	F-box_prot	1046	817	882	1484	1613	1181	10.46447	10.48134	10.64638	23.04357
protein_co	T-box_3	1163	927	1059	21	33	87	11.54628	11.80189	12.68547	0.323603
protein_co	2'-5'-oligoa	0	0	2	0	0	0	0	0	0.054269	0
protein_co	harakiri_BC	5	1	0	80	146	114	0.040499	0.010387	0	1.005767
protein_co	ring_finger_	92	77	75	450	516	349	1.111252	1.192683	1.093035	8.436608
protein_co	purinergic_	254	195	199	198	216	131	2.556905	2.517241	2.41703	3.093688
protein_co	coiled-coil_	16	16	17	304	409	265	0.245578	0.314919	0.314823	7.242245
protein_co	deltex_hon	11	6	4	179	244	111	0.149288	0.104422	0.0655	3.770647
protein_co	TRAF-type_	832	656	636	598	700	674	12.2758	12.41194	11.32222	13.69488
protein_co	cyclin_D_b	935	824	815	786	710	1082	9.830082	11.10918	10.33835	12.82622
protein_co	transmemb	311	246	244	228	341	183	11.45546	11.61974	10.84401	13.03519
protein_co	coiled-coil_	44	45	39	11	27	8	0.61901	0.811833	0.662	0.240197
protein_co	transmemb	247	212	183	218	229	156	11.32144	12.46092	10.12054	15.50928

protein_co	POM121_t	1676	1341	1414	1233	1616	1840	13.4591	13.80957	13.70059	15.36864
protein_co	CD36_mole	68	40	56	1	0	1	0.516025	0.389253	0.512741	0.011779
protein_co	patatin-like	463	397	361	142	124	187	5.08671	5.593142	4.785323	2.421446
protein_co	hypoxia_in	256	223	214	284	371	289	8.76193	9.787551	8.837342	15.0872
protein_co	family_witl	0	0	0	0	0	6	0	0	0	0
protein_co	RAD50_int	434	377	390	254	241	255	6.838128	7.617249	7.414129	6.211717
protein_co	SRSF_prote	1024	871	918	934	1137	682	12.97713	14.15488	14.03684	18.37198
processed_	kielin/chor	2	4	3	94	131	127	0.018359	0.047087	0.033228	1.339331
protein_co	testis_deriv	1551	1122	1295	990	1127	1012	26.14177	24.25077	26.33547	25.89935
protein_co	MyoD_fami	1648	1378	1539	308	353	363	16.80617	18.02063	18.93643	4.875202
protein_co	mitochond	270	235	214	280	306	317	1.166096	1.301511	1.115148	1.876977
protein_co	brain-speci	21	30	21	46	60	38	0.163842	0.300149	0.197685	0.55705
protein_co	ankyrin_rep	184	131	122	78	114	90	1.640883	1.498099	1.312707	1.079655
protein_co	5-hydroxyt	20	20	14	8	11	3	0.607777	0.779388	0.513323	0.377342
protein_co	KH_homol	87	56	72	73	88	68	1.987059	1.64017	1.984139	2.587884
protein_co	KIAA1009	267	257	231	109	59	152	2.428168	2.99716	2.534706	1.538595
protein_co	synaptotag	4480	3517	3876	3505	4222	5956	32.60395	32.82267	34.03487	39.5923
protein_co	sorting_ne	644	629	532	248	276	222	8.353298	10.46242	8.325911	4.992916
protein_co	5'-nucleoti	3458	2963	3096	4	7	1	45.70059	50.2155	49.36803	0.082052
protein_co	melanocor	19	17	14	105	121	105	0.4138	0.474782	0.367885	3.54941
protein_co	EPH_recept	738	609	612	257	248	178	5.252707	5.558447	5.255648	2.839163
protein_co	akirin_2	965	814	933	1396	1777	1022	27.22555	29.44985	31.7599	61.13153
protein_co	origin_recc	312	258	273	513	378	512	5.823919	6.175751	6.148532	14.86307
protein_co	Leber_cong	83	84	79	83	58	40	0.824724	1.070333	0.947121	1.280086
protein_co	mitogen-ac	1628	1220	1272	789	869	908	15.54407	14.93756	14.65364	11.69278
protein_co	proline_ric	440	368	372	32	47	21	5.249773	5.630475	5.355239	0.592609
protein_co	LIM_domai	92	104	77	15	26	15	1.880506	2.726024	1.899003	0.475892
protein_co	PHD_finger	1013	868	892	554	663	308	5.304846	5.828977	5.636068	4.503017
protein_co	N-acetyltra	1188	848	975	1856	1982	2593	13.91938	12.74115	13.78339	33.75295
protein_co	ets_homol	0	0	0	0	2	0	0	0	0	0
protein_co	proline_ric	16	9	9	49	87	21	0.135667	0.09786	0.092076	0.644884
protein_co	cell_cycle_	6865	5332	5992	6178	6563	6830	78.35929	78.04578	82.52201	109.4532
protein_co	ATP_syntha	2429	1624	1867	3002	2972	2895	57.6396	49.41842	53.45469	110.5693
protein_co	DnaJ_(Hsp4	425	318	348	278	376	257	5.833799	5.597563	5.763547	5.922946
protein_co	CD63_mole	13778	11460	11115	2767	3486	3020	523.9665	558.8706	510.0055	163.3266
protein_co	peripherin	1	3	0	3	7	1	0.014468	0.055659	0	0.067368
protein_co	advillin	59	67	63	38	46	42	0.94131	1.370771	1.212745	0.941011
protein_co	anti-Muller	0	2	3	0	2	1	0	0.055624	0.078504	0
protein_co	growth_dif	1658	1287	1330	280	361	474	20.83721	20.74164	20.16763	5.461899
protein_co	glutaminas	33	44	32	211	263	129	0.574377	0.982075	0.672018	5.700274
protein_co	integrin_al	802	613	668	630	917	645	8.648987	8.477361	8.691913	10.54537
protein_co	thymocyte	0	0	0	0	1	2	0	0	0	0
protein_co	family_witl	31	27	22	22	28	16	0.470722	0.525746	0.403064	0.518509
protein_co	retinol_deh	8	6	15	6	9	10	0.264355	0.254249	0.59805	0.307737
protein_co	ArfGAP_wit	316	191	197	15	22	17	3.319275	2.572758	2.496724	0.244556
protein_co	biogenesis_	14	8	14	15	29	13	0.534142	0.391406	0.644473	0.888281
protein_co	cyclin-depe	1510	1131	1219	876	968	1228	34.10594	32.75857	33.2204	30.71055
protein_co	protein_ph	0	0	0	261	361	301	0	0	0	7.625664
protein_co	trophinin_	697	563	566	635	758	666	11.79442	12.21692	11.55602	16.67816
protein_co	tetraspanir	367	329	307	162	192	156	5.011251	5.760834	5.057857	3.433409
protein_co	beta-14-N-a	135	86	87	3	6	1	1.134436	0.926732	0.882091	0.039129
protein_co	transcriptic	808	654	690	744	1045	905	10.63648	11.04011	10.95932	15.20162
protein_co	coenzyme_	96	97	98	137	152	84	2.724844	3.530624	3.356174	6.035613
protein_co	Fas_apoptc	102	57	82	1	5	1	1.027671	0.736441	0.996818	0.015638
protein_co	PAN2_poly	480	414	430	660	760	415	4.189726	4.633979	4.528568	8.941673
protein_co	extra_spinc	722	576	646	1299	1507	1390	5.081746	5.198854	5.486007	14.19108
pseudogen	keratin_12	0	3	0	1	1	0	0	0.101973	0	0.041142
protein_co	keratin_7	8	3	2	145	173	130	0.213866	0.102845	0.06451	6.016574
protein_co	zinc_finger_	67	62	69	184	155	125	1.42284	1.688427	1.767985	6.064983
protein_co	heterogene	26639	21646	22605	41275	43985	43018	303.1068	315.8383	310.3347	728.946
protein_co	solute_carr	15	8	8	3	3	3	0.279662	0.191268	0.179962	0.086815
protein_co	activin_A_r	540	418	422	935	1148	640	5.549114	5.508274	5.232273	14.91324
protein_co	osteosarco	2901	2234	2303	1098	1177	1080	35.14934	34.71059	33.66754	20.64915
protein_co	major_intri	0	1	0	1	0	6	0	0.023136	0	0.028003
protein_co	potassium_	7	17	20	7	14	8	0.08488	0.264341	0.292607	0.131745

protein_co	LTV1_homo	389	348	323	391	364	803	9.875591	11.32927	9.893821	15.40709
protein_co	microtubul	5	3	7	1616	1836	1402	0.061039	0.046964	0.103106	30.62019
protein_co	CD164_mo	4024	2958	3253	913	1131	1236	38.01842	35.83799	37.08243	13.38867
protein_co	lactation_e	79	103	107	80	91	58	0.779035	1.302496	1.273098	1.224476
protein_co	NHS-like_1	970	785	817	779	1265	1154	6.064442	6.293585	6.162958	7.559395
protein_co	Abelson_he	612	464	498	210	173	158	4.846595	4.71208	4.758419	2.58128
protein_co	hairy/enha	2	0	1	338	454	569	0.035019	0	0.021126	9.1858
protein_co	protein_kir	71	58	76	176	242	182	1.775569	1.860015	2.293194	6.831597
protein_co	neuromedi	1	2	0	0	0	0	0.034631	0.088818	0	0
protein_co	sphingomy	100	85	82	85	107	84	2.850457	3.107011	2.820177	3.760658
protein_co	microtubul	2841	2292	2319	1408	1748	1438	30.40734	31.458	29.94718	23.39054
protein_co	RALBP1_as	752	585	641	1180	1540	1143	5.810066	5.796001	5.975432	14.15063
protein_co	syntaxin_1	1	8	6	1	3	1	0.024346	0.24976	0.176248	0.037788
protein_co	tec_protein	7	5	0	148	134	34	0.089024	0.081543	0	2.921457
protein_co	protease-as	302	256	260	95	138	109	13.07552	14.21351	13.5823	6.384193
protein_co	sema_dom	2279	1639	1715	120	102	61	24.78255	22.85546	22.50162	2.025412
protein_co	chaperonin	6471	5217	5709	6963	7782	7177	149.397	154.4545	159.0298	249.5154
protein_co	early_grow	1	0	0	0	0	2	0.019768	0	0	0
protein_co	RAB11_fam	1091	896	967	329	365	143	11.7819	12.40818	12.59984	5.514637
protein_co	SMYD_fami	679	556	542	856	986	1277	12.27857	12.89324	11.82566	24.02604
protein_co	dysferlin_li	43	26	27	540	688	447	0.296685	0.230043	0.22477	5.782974
protein_co	coiled-coil_	293	274	255	72	125	132	4.033698	4.837218	4.235688	1.538504
protein_co	empty_spir	0	0	1	13	22	5	0	0	0.025857	0.432421
protein_co	potassium_	445	292	352	813	936	662	4.410496	3.711245	4.20938	12.50687
protein_co	ubiquitin_s	507	426	434	227	152	314	5.007001	5.394965	5.171392	3.479573
protein_co	glucosamin	3184	2581	2783	728	775	717	29.14834	30.29969	30.73987	10.34434
protein_co	carboxypep	1	1	3	3	2	4	0.007046	0.009035	0.025504	0.032808
protein_co	MDM2_onc	1157	972	1003	949	1341	1005	7.35019	7.918461	7.688014	9.357544
protein_co	kelch-like_f	1154	930	1019	1290	1616	700	8.340179	8.619098	8.885703	14.47071
protein_co	beta-carote	1	0	0	10	3	3	0.017562	0	0	0.272584
protein_co	M-phase_pl	464	310	391	299	332	413	19.72527	16.89958	20.05532	19.72907
protein_co	carbohydra	8	1	5	2	3	1	0.115599	0.01853	0.087173	0.044857
protein_co	KIAA0513	511	428	475	185	286	129	3.082964	3.311317	3.457716	1.732406
protein_co	dynein_cyt	3148	2516	2695	972	1326	1402	32.69319	33.50755	33.76988	15.66821
protein_co	F-box_and_	40	38	25	1	1	0	1.131243	1.378126	0.853069	0.043896
protein_co	formin_hor	2983	2321	2416	725	909	790	32.3705	32.29837	31.63305	12.21138
protein_co	coiled-coil_	619	473	508	232	383	244	11.78438	11.54746	11.66884	6.855426
protein_co	solute_carr	160	123	147	162	180	59	1.624952	1.601898	1.801299	2.553677
protein_co	angiotensir	8	9	10	1	0	0	0.163736	0.236215	0.246947	0.031768
protein_co	zinc_finger_	67	54	78	139	173	141	1.141996	1.180301	1.604104	3.677351
protein_co	pecanex-lik	668	527	578	1243	1555	939	4.594768	4.648438	4.796926	13.27054
protein_co	potassium_	377	256	274	266	338	148	8.180258	7.123197	7.173387	8.95855
protein_co	URB2_ribos	366	282	326	489	633	1058	3.0575	3.020952	3.285875	6.340517
protein_co	egl_nine_h	726	562	603	774	734	345	4.796696	4.761582	4.806965	7.937377
protein_co	calpain_9	2	5	3	0	3	3	0.037754	0.121034	0.068328	0
protein_co	componen	433	343	422	452	481	618	2.591038	2.632021	3.046818	4.19812
protein_co	ATP-bindin	346	239	273	239	314	242	4.206364	3.725958	4.004437	4.509819
protein_co	nucleoside-	249	228	267	532	638	410	1.341254	1.57491	1.735285	4.447887
protein_co	TAF5-like_R	643	530	493	376	461	645	7.422521	7.845591	6.8665	6.73688
protein_co	glutamate-r	4219	3299	3462	4538	5079	4863	32.26174	32.34967	31.94136	53.86085
protein_co	syntaxin_6	694	537	607	755	927	714	6.70824	6.656298	7.079227	11.3273
protein_co	regulator_c	1	3	1	0	0	4	0.032744	0.12597	0.039508	0
protein_co	ribonuclea	232	212	189	21	27	29	2.566891	3.007909	2.52307	0.360636
protein_co	DEAH_(Asp-	3956	3267	3461	3704	4290	6570	43.74927	46.33114	46.18109	63.57934
protein_co	KIAA1614	390	273	270	79	94	58	1.894252	1.700376	1.582286	0.595567
protein_co	centrosom	1037	817	877	605	305	502	3.604251	3.641394	3.677764	3.263789
protein_co	N-acetylneu	74	66	74	20	18	19	1.435013	1.64126	1.731426	0.601983
protein_co	family_witl	2454	1865	1995	126	152	176	16.60914	16.18679	16.29159	1.323651
protein_co	phosphatid	505	412	390	246	251	236	9.003596	9.419573	8.389524	6.80754
protein_co	acyl-CoA_b	877	681	765	883	1063	917	24.62428	24.51999	25.91632	38.48178
protein_co	laminin_ga	15910	12872	13885	4035	5197	3432	94.56461	98.11012	99.57547	37.22481
protein_co	ring_finger_	540	414	408	317	420	449	2.248522	2.210615	2.049801	2.04877
protein_co	G_protein-	0	2	2	0	0	1	0	0.031416	0.029559	0
protein_co	SP110_nuc	121	97	92	12	38	45	2.082089	2.1404	1.910072	0.320498
protein_co	mitochond	407	312	351	575	587	677	10.91776	10.73255	11.36041	23.94072

protein_co	cholinergic	2	2	1	8	5	2	0.031032	0.039795	0.018721	0.192667
protein_co	paired_box	291	212	254	0	7	4	3.779777	3.531168	3.980659	0
protein_co	dedicator_	717	678	638	21	14	16	4.613082	5.593853	4.952686	0.209711
protein_co	tubulin_tyr	700	546	564	1048	1115	1015	6.608217	6.609798	6.424116	15.356
protein_co	ubiquitin_s	223	160	191	237	206	299	1.301852	1.197805	1.345359	2.147512
protein_co	5-hydroxyt	1	4	2	4	2	9	0.020877	0.107088	0.050379	0.129617
protein_co	integral_m	22764	16453	16959	7084	8729	8076	513.6691	476.0902	461.7247	248.1098
protein_co	solute_carr	4	10	10	48	67	43	0.05333	0.170969	0.160863	0.993298
protein_co	serpin_pep	18755	14713	16377	1258	1517	1515	146.8396	147.7191	154.7065	15.28753
protein_co	DnaJ_(Hsp4	1300	889	900	538	727	767	13.58525	11.91339	11.34788	8.726439
protein_co	transmemb	610	534	496	526	606	294	9.742136	10.93641	9.557715	13.03889
protein_co	cytochrom	77	45	54	345	381	138	1.407066	1.054498	1.190599	9.785281
protein_co	eukaryotic_	2139	1754	1712	1175	1540	1427	28.45326	29.9199	27.47724	24.25993
protein_co	armadillo_	1315	988	1084	558	721	533	10.70864	10.31751	10.65089	7.052992
protein_co	calcium_bi	977	804	849	841	1178	846	11.97374	12.63574	12.55426	15.99786
protein_co	cytochrom	1379	1019	1189	1602	1799	1537	87.61698	83.02475	91.14942	157.9854
protein_co	REV1_polyr	570	492	479	383	479	547	5.625618	6.22687	5.703992	5.867115
protein_co	testis_spec	13	10	11	46	52	33	0.157187	0.155054	0.160477	0.863298
protein_co	major_facil	221	174	193	215	222	216	2.559322	2.583992	2.696733	3.864573
protein_co	transmemb	1303	1036	1050	609	799	754	14.51941	14.80382	14.11699	10.53301
protein_co	ectodyspla	0	3	1	1	0	1	0	0.041728	0.013087	0.016835
protein_co	transformi	687	513	553	387	566	559	5.387764	5.159155	5.23269	4.710785
protein_co	GRIP_and_	743	638	697	785	458	944	5.144608	5.664916	5.822966	8.436525
protein_co	mitochond	210	175	173	490	489	550	6.564602	7.015143	6.525042	23.77474
protein_co	G_protein-	1	2	0	1	5	6	0.027183	0.069716	0	0.042191
protein_co	chromosor	276	237	238	227	284	285	2.714271	2.988834	2.824029	3.464978
protein_co	ankyrin_rep	289	237	267	71	86	67	2.161623	2.273211	2.40958	0.824273
protein_co	enhancer_c	357	301	271	231	273	452	4.596303	4.969541	4.209764	4.616182
protein_co	Rho_guanir	168	142	115	431	616	450	1.645264	1.783298	1.358852	6.551398
protein_co	iron-sulfur_	1300	1067	1157	968	1041	957	16.54193	17.41072	17.76333	19.11828
protein_co	aldehyde_d	1952	1496	1582	137	200	99	12.12791	11.9192	11.85934	1.321165
protein_co	stabilin_2	6	0	5	2	4	2	0.034098	0	0.034284	0.017641
protein_co	ubiquitin_s	0	1	4	753	767	939	0	0.01495	0.056266	13.62586
protein_co	SCY1-like_2	1486	1188	1204	419	379	550	12.0572	12.361	11.78697	5.276819
protein_co	cytoskeletc	13040	10159	10839	2089	2881	2263	197.687	197.4971	198.2612	49.15519
protein_co	plexin_C1	2292	1781	1867	74	94	76	14.62999	14.57816	14.37877	0.733148
protein_co	adaptor_pr	914	740	784	298	344	265	13.2317	13.73759	13.6941	6.696011
protein_co	PWP1_hon	1022	864	914	805	776	1122	18.28371	19.8215	19.72912	22.3532
protein_co	DNA-damag	99	67	74	132	148	74	1.319156	1.144841	1.189709	2.730018
protein_co	KIAA1033	986	720	779	528	437	712	7.945275	7.440016	7.573865	6.603838
protein_co	solute_carr	173	130	164	6	12	5	1.823325	1.756996	2.085499	0.098152
protein_co	villin-like	171	92	130	81	103	81	1.806306	1.246213	1.656863	1.328039
protein_co	filamin_B_l	2155	1816	1979	5700	6570	4788	10.59536	11.44969	11.73985	43.49847
protein_co	NIMA-relat	305	279	290	558	604	421	4.393688	5.153983	5.040521	12.47654
protein_co	protocadhe	0	0	0	3	7	96	0	0	0	0.054544
protein_co	vacuolar_p	759	641	652	282	303	340	8.057397	8.726104	8.351195	4.646571
protein_co	ribonuclea	250	264	237	345	383	449	7.196135	9.744792	8.231059	15.41377
protein_co	cytoskeletc	1439	1169	1351	1136	974	1192	18.5932	19.36945	21.06186	22.78254
protein_co	leukocyte_	0	0	0	1136	1401	1472	0	0	0	57.25613
protein_co	TBC1_dom	1081	809	836	976	1278	837	7.964819	7.643778	7.43198	11.1617
protein_co	thrombosp	208	134	153	5	4	11	3.061244	2.529	2.716903	0.114218
protein_co	bora_auror	192	152	164	159	155	228	3.263097	3.312696	3.362951	4.194269
protein_co	leucine-rich	809	692	700	281	299	103	8.053933	8.834356	8.408249	4.342065
protein_co	succinate-C	644	541	548	635	502	751	13.95433	15.03245	14.32688	21.35636
protein_co	regulator_c	680	604	564	694	812	602	7.921792	9.023204	7.927599	12.54887
protein_co	mediator_c	328	255	242	265	289	301	7.606294	7.583135	6.771153	9.538401
protein_co	PHD_finger	144	101	121	77	94	75	4.152621	3.735	4.210108	3.446522
pseudogen	ribosomal_	21	21	22	41	75	37	1.608971	2.063277	2.03376	4.875771
protein_co	componen	642	535	578	208	273	254	6.692617	7.151943	7.27004	3.36554
protein_co	LIM_domai	2553	1966	2207	303	397	388	14.72813	14.54419	15.36198	2.713125
protein_co	sciellin	13	3	7	1	0	1	0.19689	0.058265	0.127916	0.023508
protein_co	integral_m	3360	2590	2689	1775	2044	2164	83.98212	83.01502	81.09357	68.86149
protein_co	sprouty_ho	3321	2623	2586	1080	1457	1453	57.50434	58.24241	54.02668	29.02592
protein_co	nudix_(nuc	312	248	251	512	588	755	6.973158	7.107812	6.768566	17.76132
protein_co	endothelin	1	0	0	174	223	238	0.010488	0	0	2.832406

protein_co	regulator_c	347	251	276	148	134	167	5.034293	4.669734	4.831324	3.332738
protein_co	lymphocyt	193	152	212	51	52	68	2.294567	2.317376	3.041077	0.941118
protein_co	SET_domai	208	158	188	110	142	94	1.57741	1.536553	1.720232	1.294805
protein_co	secernin_1	6475	5401	5649	3672	4178	3437	57.55694	61.56607	60.58674	50.66302
protein_co	chromosor	8	5	11	6	9	10	0.153048	0.122664	0.253909	0.178164
protein_co	tensin_3	1741	1332	1489	1532	1673	1506	10.7063	10.50399	11.04799	14.62277
protein_co	speedy_hor	28	19	22	14	9	9	0.495629	0.431282	0.469861	0.384642
protein_co	carbohydra	638	510	509	256	375	269	14.22531	14.58212	13.69326	8.859548
protein_co	insulin-like	1248	1047	1042	2616	3018	2346	13.76912	14.81315	13.87098	44.79811
protein_co	glycoprotei	267	167	200	10	4	16	4.374436	3.508622	3.953564	0.254297
protein_co	Rap_guanir	525	452	423	111	150	107	3.718058	4.104919	3.614475	1.220142
protein_co	ras-related_	6012	4894	4797	4338	5527	4844	121.3529	126.679	116.8285	135.9099
protein_co	KDEL_(Lys-/	7047	5811	6297	1040	1223	1084	114.5749	121.1561	123.5284	26.24514
protein_co	nucleopori	300	272	266	247	362	367	5.56228	6.467103	5.950607	7.108189
protein_co	interleukin	0	2	0	2	1	0	0	0.078755	0	0.095324
protein_co	zinc_finger_	157	130	154	259	304	229	3.7908	4.025167	4.48642	9.706472
protein_co	acyloxyacyl	5	6	11	0	3	1	0.097851	0.150575	0.259737	0
protein_co	basic_leuci	929	774	775	1063	1132	978	20.73338	22.15158	20.86912	36.82291
protein_co	diacylglyce	14	13	18	32	20	18	0.094905	0.11301	0.147226	0.3367
protein_co	transformir	1164	879	941	2021	2311	2111	16.01055	15.50428	15.61676	43.14696
protein_co	DEAD_(Asp-	1317	1001	1112	900	1102	1352	20.39437	19.87778	20.77674	21.63204
protein_co	HUS1_chec	237	197	225	213	259	291	3.786349	4.035969	4.337134	5.281805
protein_co	NAC_alpha_	486	339	385	129	199	67	4.767479	4.264435	4.556814	1.964141
protein_co	drebrin-like	2980	2266	2390	531	694	1128	14.5282	14.16657	14.05858	4.018099
protein_co	cerebral_ca	1386	1089	1186	508	675	482	12.25293	12.34565	12.65056	6.970614
protein_co	myosin_IG	9	7	10	12	8	6	0.074402	0.074208	0.099745	0.153977
protein_co	tweety_hor	21476	15801	17058	7818	11066	6891	208.0599	196.3039	199.3936	117.5604
protein_co	monocyte_	0	0	0	8	9	3	0	0	0	0.241093
protein_co	tetratricop	285	235	255	205	213	222	2.665268	2.818209	2.877294	2.97564
protein_co	NK2_home	0	0	0	0	0	1	0	0	0	0
protein_co	zinc_finger_	36	36	24	429	773	417	0.190631	0.244458	0.153338	3.525978
protein_co	510-methe	0	0	4	4	10	6	0	0	0.249506	0.320969
protein_co	ADAM_met	2292	1673	1813	3915	5157	3088	19.57594	18.32371	18.68331	51.90035
protein_co	abhydrolas	198	167	170	657	869	521	3.812823	4.123892	3.94983	19.6371
protein_co	iron-respor	1554	1325	1399	1698	1916	1651	11.46791	12.53887	12.45658	19.44918
protein_co	alpha-kinas	41	34	36	146	181	99	0.176101	0.187269	0.186564	0.973331
protein_co	transmemb	119	110	127	98	100	87	2.690411	3.189141	3.464363	3.438968
protein_co	calcium_ar	108	90	108	597	772	525	3.169037	3.386534	3.823626	27.18995
protein_co	calcium_bi	537	461	472	309	362	221	6.838658	7.528473	7.252482	6.107811
protein_co	radical_S-a	790	590	634	615	761	568	14.65313	14.03346	14.18864	17.70553
protein_co	N-myristoy	2878	2174	2508	2599	3103	2939	26.99529	26.14967	28.38395	37.83851
protein_co	MYCBP_ass	8	5	4	37	57	5	0.11774	0.094366	0.07103	0.845214
protein_co	serine/argi	3811	2817	3121	2943	4095	5812	59.90542	56.78365	59.19281	71.80387
protein_co	vascular_er	723	586	642	758	900	771	8.591354	8.929564	9.204631	13.98051
protein_co	chondroad	25	19	28	4	3	0	0.655255	0.638606	0.885475	0.162727
protein_co	translation	434	361	379	407	489	535	8.832581	9.421379	9.306474	12.8565
protein_co	testis_expr	716	563	581	277	351	216	6.416906	6.470389	6.282563	3.853212
protein_co	DDB1_and_	3599	2801	2968	2812	3179	2228	26.57175	26.51922	26.43932	32.22434
protein_co	growth_ho	0	0	0	17	15	10	0	0	0	1.08722
protein_co	chorionic_	0	0	0	0	0	2	0	0	0	0
protein_co	LIM_domai	1162	837	856	954	1280	1301	17.06427	15.76218	15.16713	21.74505
protein_co	BRCA1_inte	339	279	333	268	301	370	2.62826	2.773845	3.11502	3.225031
protein_co	K(lysine)_ac	670	514	578	4705	4988	4490	7.86194	7.734413	8.183344	85.69293
protein_co	receptor_(c	0	0	0	1	0	1	0	0	0	0.046834
protein_co	actin-like_6	1083	892	965	1088	1220	1307	26.71325	28.21451	28.71929	41.65409
protein_co	NADH_deh	706	501	519	720	869	778	8.181995	7.445632	7.257214	12.95142
protein_co	mitochond	535	449	451	521	546	820	18.31107	19.70677	18.62449	27.67757
protein_co	transforme	3592	2953	3075	2603	3432	5440	37.55383	39.59048	38.78923	42.23987
protein_co	sodium_ch	13	18	25	12	9	1	0.069332	0.123105	0.160872	0.099335
protein_co	T-box_brai	1	0	0	0	0	2	0.006526	0	0	0
protein_co	membrane-	1377	1152	1198	1016	936	1167	17.25021	18.50642	18.10779	19.75535
protein_co	ermin_ERM	1	0	0	6	5	5	0.012362	0	0	0.115128
protein_co	UDP-N-acet	301	251	255	0	0	3	2.287133	2.445727	2.337831	0
protein_co	sodium_ch	0	1	0	1	1	0	0	0.008371	0	0.010132
protein_co	TRAF_famil	649	534	541	126	125	103	14.01733	14.7901	14.09827	4.223977

protein_co	B_lymphoi	0	0	0	0	1	0	0	0	0	0
protein_co	GATA_bind	37	18	27	11	15	46	0.508181	0.317029	0.447434	0.234498
protein_co	SKI-like_on	2282	1860	1976	2112	2067	3224	14.89878	15.57246	15.56575	21.40225
protein_co	glutamyl-p	3307	2746	2693	3626	3522	3271	30.92646	32.93108	30.38648	52.63254
protein_co	H2.0-like_h	1436	1187	1199	3	12	23	20.26303	21.4788	20.41349	0.065706
protein_co	vacuolar_p	603	463	495	283	388	359	10.13429	9.978529	10.03759	7.382324
protein_co	interleukin	1	0	0	0	0	0	0.028767	0	0	0
protein_co	potassium_	1046	837	873	918	1079	1102	12.47697	12.80301	12.56434	16.99615
protein_co	ribosomal_	779	611	661	268	313	252	6.653429	6.692041	6.811732	3.552821
protein_co	Ras_associa	72	55	64	22	28	15	0.750407	0.735083	0.804808	0.355891
protein_co	COBW_dor	298	276	287	227	268	332	4.227905	5.021429	4.912911	4.998794
protein_co	interleukin	0	0	0	5	0	1	0	0	0	0.304518
protein_co	interleukin	0	0	1	0	0	0	0	0	0.029436	0
protein_co	cripto_FRL	0	0	0	1	0	0	0	0	0	0.069579
protein_co	sphingomy	2422	1850	1955	2030	2502	2935	23.196	22.72061	22.59091	30.17627
protein_co	WD_repeat	1418	1120	1206	2208	2596	2174	7.020383	7.110693	7.204103	16.96735
protein_co	coiled-coil_	417	347	378	311	423	386	5.48937	5.857675	6.003801	6.354441
protein_co	Sin3A-assoc	1145	975	995	1050	1137	1036	12.86582	14.04902	13.48973	18.31267
protein_co	bridging_in	3149	2409	2598	962	1194	893	28.72139	28.17597	28.59038	13.61878
protein_co	IMP4_U3_s	999	763	847	978	1135	1302	19.69026	19.28501	20.14269	29.91957
protein_co	heparan_su	1452	1097	1140	2218	2892	2389	17.31544	16.77578	16.40287	41.05432
protein_co	UDP-glucos	5178	3990	4492	1920	2254	2650	22.21377	21.9504	23.25134	12.78474
protein_co	glycophori	1178	941	910	365	456	463	30.60191	31.34744	28.52283	14.71725
protein_co	signal_tran	427	351	408	308	383	349	6.73689	7.101467	7.766758	7.542456
protein_co	glutamate_	0	0	0	37	64	139	0	0	0	0.459688
protein_co	abl-interac	882	754	817	576	682	464	11.09361	12.16144	12.39866	11.24495
protein_co	YME1-like_	3892	2974	3152	2134	2285	2544	45.69253	44.77366	44.64847	38.88635
protein_co	DnaJ_(Hsp4	616	503	495	181	195	243	13.71522	14.36149	13.29766	6.255054
protein_co	nipsnap_ho	356	350	347	101	119	116	10.2222	12.88759	12.02186	4.501384
protein_co	leucine_ric	2507	1842	2173	2572	3458	4091	25.44994	23.97902	26.61584	40.52601
protein_co	ferric-chela	11	8	9	1	9	5	0.321766	0.300086	0.317642	0.045402
protein_co	cyclin-depe	1609	1283	1335	1640	2276	1730	27.94298	28.57279	27.97344	44.20699
protein_co	thioredoxi	2182	1714	1764	1700	1946	1621	117.7376	118.5989	114.8437	142.3771
protein_co	outer_dens	1637	1367	1501	382	431	223	20.70649	22.17357	22.90797	7.499834
protein_co	KIAA0368	2405	1982	2128	3147	3335	3265	15.25781	16.12465	16.28909	30.98877
protein_co	torsin_fami	908	679	736	355	424	367	15.376	14.74472	15.03777	9.330744
protein_co	chromosor	873	644	719	548	656	821	17.12761	16.20234	17.02	16.68759
protein_co	structural_	1322	959	1115	901	588	1369	10.37293	9.649343	10.55584	10.97299
protein_co	Kruppel-lik	240	143	159	75	97	156	4.00057	3.056723	3.197833	1.94045
protein_co	torsin_fami	1329	968	1124	619	673	668	30.01774	28.0374	30.63144	21.70072
protein_co	Ral_GEF_wi	76	65	90	382	498	247	0.562443	0.616862	0.803629	4.387924
protein_co	family_witl	18862	14534	15640	1748	2323	1630	223.5126	220.8558	223.6141	32.15039
protein_co	ST6_(alpha	494	389	405	405	467	303	13.69821	13.83234	13.55002	17.431
protein_co	tropomodu	3	1	0	7	26	6	0.043164	0.01845	0	0.156324
protein_co	DAB2_inter	3442	2624	2678	1688	2240	1461	23.7906	23.25775	22.33331	18.10913
protein_co	syntaxin_bi	1359	1154	1188	1016	1156	545	16.30175	17.75129	17.19409	18.91642
protein_co	solute_carr	123	93	92	373	462	469	2.655374	2.574618	2.396384	12.49856
protein_co	angiopoieti	2597	1819	1993	89	123	149	32.84958	29.50529	30.41677	1.747343
protein_co	CDK5_regu	1845	1538	1609	992	1182	1288	13.87523	14.83234	14.59984	11.5794
protein_co	ZFP37_zinc	97	47	52	76	51	68	0.725875	0.451021	0.469506	0.882743
protein_co	solute_carr	2	1	2	0	0	0	0.052538	0.033686	0.06339	0
protein_co	solute_carr	1304	1074	1172	1119	1240	1176	12.88882	13.61286	13.97692	17.16707
protein_co	toll-like_re	257	254	288	0	0	2	2.487765	3.152966	3.363696	0
protein_co	zinc_finger_	353	310	303	155	172	176	5.281486	5.947746	5.469808	3.599512
protein_co	aldolase_B_	1	0	1	2	0	0	0.019131	0	0.023083	0.059388
protein_co	syntaxin_1	226	221	214	187	206	128	3.913273	4.907195	4.470886	5.025784
protein_co	PRP4_pre-r	967	785	839	716	803	1043	14.11664	14.69548	14.77797	16.22364
protein_co	folylpolygl	1489	1031	1170	1279	1607	1410	29.85004	26.50441	28.29985	39.79708
protein_co	ubiquitin_s	870	677	758	585	696	372	9.150811	9.13142	9.619613	9.550512
protein_co	bile_acid_C	1	1	2	1	2	9	0.013885	0.017806	0.033506	0.021552
protein_co	kinesin_fan	3	2	4	14	21	14	0.054864	0.046903	0.088261	0.397394
protein_co	ATPase_H+_	1245	980	977	1273	1564	2015	54.05377	54.56222	51.17988	85.78582
protein_co	testis_expr	707	579	644	1121	1126	1350	7.438017	7.811342	8.174697	18.30517
protein_co	GTPase_act	35	28	17	140	189	79	0.34077	0.349592	0.199706	2.115692
protein_co	mitochond	385	257	279	515	550	624	5.417964	4.637862	4.737265	11.24898

protein_co	dolichyl-ph	873	584	661	654	666	683	24.62995	21.12864	22.50085	28.63898
protein_co	WD_repeat	1	0	1	1	7	4	0.037452	0	0.045188	0.058131
protein_co	thiosulfate_	413	381	378	268	307	326	4.482772	5.303114	4.950357	4.515043
protein_co	gamma-am	405	300	364	25	20	14	3.296382	3.131217	3.574637	0.31583
protein_co	proteasom	2965	2340	2358	1839	1955	2300	140.7175	142.4127	135.0253	135.4677
protein_co	nuclear_rec	0	0	0	18	31	4	0	0	0	0.422048
protein_co	chromosor	74	64	84	64	55	142	1.16791	1.29529	1.599577	1.567791
protein_co	Rab9_effec	718	610	554	461	536	487	13.74165	14.97109	12.79299	13.69449
protein_co	golgin_A1	368	330	308	171	241	162	3.594153	4.133062	3.629505	2.59224
protein_co	xeroderma_	164	120	133	52	86	84	4.854775	4.555288	4.750342	2.389236
protein_co	nuclear_ca	1200	990	1080	800	924	1168	10.86675	11.49643	11.80022	11.24447
protein_co	acidic_(leu	2577	1949	2092	2725	2954	2746	82.59438	80.10456	80.89949	135.5605
protein_co	olfactory_r	0	0	0	0	1	0	0	0	0	0
protein_co	phosducin-	760	583	647	431	487	415	12.66847	12.46202	13.01257	11.15112
protein_co	ribosomal_	8104	6229	6561	10051	12630	9638	484.0722	477.1318	472.8559	931.8596
protein_co	cathepsin_	14	16	17	871	912	1005	0.424619	0.622301	0.622111	41.00337
protein_co	LIM_homeo	31	15	15	314	401	310	0.250231	0.155267	0.146089	3.934043
protein_co	actin_relat	1056	826	867	667	997	1225	19.8222	19.88279	19.63609	19.4332
protein_co	ectonucleo	113	82	60	122	160	188	1.452858	1.351972	0.930773	2.434641
protein_co	defective_i	228	196	198	605	695	905	4.620105	5.093103	4.840946	19.02843
protein_co	derlin_1	1131	973	1010	473	645	658	9.619556	10.61242	10.36482	6.244304
protein_co	v-myc_mye	966	687	789	1772	1751	2289	19.31589	17.61585	19.03543	54.99608
protein_co	nephroblas	136	107	116	14	18	14	2.528566	2.551106	2.602204	0.404012
protein_co	interleukin	103	89	102	0	0	0	1.828728	2.026335	2.185044	0
protein_co	chromosor	376	288	312	530	677	566	6.399509	6.285801	6.407099	14.0012
protein_co	RAN_bindi	779	605	604	422	432	491	7.98237	7.949853	7.467571	6.711774
protein_co	polymerase	295	278	311	519	519	551	6.205722	7.499364	7.893666	16.94604
protein_co	phospholip	799	672	653	747	947	965	8.848636	9.54351	8.725509	12.84046
protein_co	interleukin	342	286	305	66	63	40	5.331245	5.717128	5.736546	1.596897
protein_co	ubiquitin_a	1465	1118	1222	1259	1463	1508	15.02491	14.70366	15.12145	20.04151
protein_co	aprataxin	573	500	588	506	563	614	12.75783	14.27583	15.79601	17.4865
protein_co	ring_finger_	494	438	424	848	1058	922	4.408768	5.012724	4.565667	11.74672
protein_co	talin_1	17740	13615	14895	3283	4035	3198	94.2796	92.78785	95.51084	27.08105
protein_co	signaling_t	0	1	0	23	55	33	0	0.048846	0	1.359818
protein_co	interferon_	0	0	0	0	1	0	0	0	0	0
protein_co	DnaJ_(Hsp4	472	341	356	685	832	542	4.233376	3.922009	3.852502	9.535992
protein_co	sperm_assc	10	9	12	7	4	4	0.188996	0.218125	0.273642	0.205344
protein_co	dynactin_3	1002	814	806	274	322	319	12.1186	12.62462	11.76163	5.143582
protein_co	CD72_mole	3	2	4	34	40	5	0.069125	0.059096	0.111205	1.215977
protein_co	transmemb	454	353	415	255	311	142	5.733388	5.716622	6.323414	4.998343
protein_co	glyoxylate_	1379	1109	1141	1130	1308	1067	13.57861	14.00335	13.55579	17.2703
protein_co	aldehyde_d	857	680	716	1170	1371	1185	13.10657	13.33603	13.21202	27.77311
protein_co	histidine_t	173	141	136	153	147	137	3.743412	3.91246	3.550655	5.138583
protein_co	Rho_guanir	70	65	69	339	369	295	0.729725	0.868928	0.867877	5.485183
protein_co	insulin-like	1	5	7	315	510	358	0.0429	0.275068	0.362332	20.97497
protein_co	DENN/MAD	616	479	569	436	403	295	4.03355	4.022088	4.495386	4.431224
protein_co	ribosomal_	15124	11536	12509	18145	18238	18821	511.2939	500.1134	510.2401	952.1193
protein_co	canopy_3_	1754	1385	1512	1818	2157	1829	48.2659	48.8731	50.2008	77.64887
protein_co	forkhead_b	1718	1212	1348	1913	2543	1527	13.54355	12.25241	12.82175	23.40749
protein_co	peptidylpro	525	375	456	747	891	1130	14.15599	12.96646	14.83521	31.26309
protein_co	kinesin_ligh	548	437	444	399	503	394	7.129781	7.290988	6.969901	8.057475
protein_co	kinesin_fan	1191	944	1029	812	902	617	8.065571	8.197939	8.407885	8.535124
protein_co	zinc_finger_	300	209	207	179	185	173	6.82202	6.09463	5.6795	6.317936
protein_co	pim-1_onc	881	655	746	2359	2911	1215	15.58872	14.86227	15.92654	64.78776
protein_co	guanosine_	113	105	97	4	6	15	3.497407	4.167412	3.622326	0.192158
protein_co	FtsJ_methy	1111	936	875	952	1044	949	12.91714	13.95524	12.27463	17.17986
protein_co	transcriptic	195	174	188	14	17	12	2.756573	3.154231	3.206571	0.30718
protein_co	solute_carr	0	0	1	11	28	4	0	0	0.022143	0.313338
protein_co	Yip1_doma	2938	2256	2363	1428	1419	1371	82.29562	81.03514	79.86136	62.08456
protein_co	transmemb	249	207	228	355	358	384	7.347775	7.833145	8.117819	16.2598
protein_co	transmemb	903	733	776	1214	1383	917	12.76121	13.28365	13.23164	26.6289
protein_co	fibroblast_	188	165	146	86	91	66	4.054886	4.563669	3.799459	2.879054
protein_co	tight_junct	604	452	490	502	630	704	8.166543	7.836986	7.993656	10.53502
protein_co	calpain_11	8	6	7	53	46	29	0.137507	0.13225	0.145172	1.413977
protein_co	tubulointe	4	3	5	0	0	0	0.106933	0.102845	0.161276	0

protein_co	hypocretin	0	0	2	0	1	2	0	0	0.061596	0
protein_co	histone_clu	0	0	1	0	0	0	0	0	0.118607	0
protein_co	KIAA0319	5	2	0	35	46	33	0.033998	0.017439	0	0.369387
protein_co	interferon_	0	1	1	8	19	21	0	0.011279	0.010613	0.109217
protein_co	solute_carr	87	62	78	2042	2674	1341	0.61428	0.561368	0.664492	22.37861
protein_co	tubulin_be	1968	1467	1601	1383	1688	2584	57.85552	55.30433	56.78833	63.10625
protein_co	leucine_ric	264	214	211	260	343	197	3.892756	4.046471	3.753909	5.95055
protein_co	glial_cells_	1	0	0	1	0	0	0.016958	0	0	0.026322
protein_co	forkhead_b	2	1	1	0	2	3	0.042881	0.027494	0.025869	0
protein_co	biphenyl_h	251	180	189	230	282	226	3.161266	2.907162	2.872084	4.4962
protein_co	receptor_(T	844	623	694	202	273	517	9.513263	9.005015	9.438317	3.534019
protein_co	tubulin_be	1747	1373	1421	11223	12026	11965	40.5529	40.8704	39.79891	404.3603
protein_co	mitochond	889	739	727	654	775	576	82.21938	87.64481	81.12503	93.88164
protein_co	high_mobil	6479	5500	5863	45453	55296	47435	140.7135	153.1792	153.637	1532.219
protein_co	transcriptio	464	366	385	160	169	171	6.61306	6.689211	6.620538	3.539443
protein_co	flotillin_1	3663	2928	3147	2702	3262	2185	89.83166	92.08161	93.11878	102.851
protein_co	immediate_	2056	1643	1794	2315	2962	1178	71.41176	73.18019	75.18256	124.8039
protein_co	mediator_c	1198	996	1062	1564	1887	1732	7.414762	7.905132	7.930727	15.02476
protein_co	piggyBac_t	240	197	227	98	160	162	3.613874	3.803972	4.124162	2.290437
protein_co	alpha_tubu	475	381	474	231	268	253	8.41752	8.658145	10.13484	6.353792
protein_co	thiopurine_	327	257	262	307	415	428	4.820194	4.858019	4.659787	7.024017
protein_co	ring_finger_	12	23	10	56	82	78	0.111732	0.27462	0.112342	0.809307
protein_co	nurim_(nuc	591	473	519	568	510	490	15.79031	16.20592	16.73088	23.55494
protein_co	mitochond	5699	4456	4828	3889	4944	4168	129.9107	130.2569	132.7888	137.5988
protein_co	valyl-tRNA_	840	640	732	1496	1727	1102	6.506048	6.356635	6.840646	17.98457
protein_co	TAF8_RNA_	508	434	460	523	619	545	3.565888	3.906636	3.895918	5.698179
protein_co	family_witl	702	605	605	331	398	248	7.038014	7.778175	7.318405	5.150762
protein_co	chromosor	8	2	2	9	7	10	0.55003	0.176334	0.165911	0.960437
protein_co	fibroblast_	0	0	0	0	1	1	0	0	0	0
protein_co	fibroblast_	7	0	2	0	1	3	0.281019	0	0.096876	0
protein_co	cytoplasmi	351	308	273	65	61	55	2.392904	2.69264	2.245582	0.6878
protein_co	FH2_domai	23	21	28	750	934	833	0.163827	0.191816	0.240637	8.29179
protein_co	toll-like_re	5	5	8	10	17	17	0.055821	0.071583	0.107763	0.173285
protein_co	mitochond	0	3	2	7	5	2	0	0.134719	0.084504	0.380477
protein_co	tetratricop	9	15	10	0	0	0	0.189582	0.405187	0.254158	0
protein_co	myosin_VII	12	15	6	29	25	20	0.075406	0.120872	0.045491	0.282848
protein_co	FCH_and_d	473	381	327	127	146	80	4.918824	5.080828	4.102947	2.049908
protein_co	arrestin_be	325	240	252	1589	2270	1301	4.568122	4.325885	4.273689	34.6664
protein_co	solute_carr	2	4	8	1	4	1	0.015963	0.040939	0.077039	0.012388
protein_co	protein-kin	745	623	606	531	642	615	5.140995	5.513004	5.045586	5.687428
protein_co	ankyrin_rep	253	180	208	77	99	89	2.917652	2.661919	2.894172	1.37827
protein_co	interleukin	144	105	100	110	126	137	1.654942	1.547458	1.386655	1.962201
protein_co	nuclear_mi	4231	3262	3485	2473	2960	2433	27.01779	26.71162	26.85083	24.51102
protein_co	coiled-coil_	815	593	690	515	602	463	9.520519	8.883151	9.725236	9.337717
protein_co	synaptotag	437	375	372	38	46	79	3.245318	3.571218	3.333242	0.438016
protein_co	RAB30_mer	321	287	280	103	107	132	1.515933	1.738065	1.595442	0.754992
protein_co	CREB/ATF_b	1235	997	1106	829	1143	1127	13.37703	13.84833	14.45426	13.93727
protein_co	leucine_ric	90	59	89	25	28	13	0.978915	0.822932	1.167993	0.422059
protein_co	prolylcarbo	896	721	768	827	823	727	5.940817	6.130314	6.143946	8.510873
protein_co	asparaginyl	264	231	191	609	785	493	4.914238	5.514086	4.289766	17.59543
protein_co	ring_finger_	573	447	478	276	327	422	10.23542	10.23925	10.30213	7.652276
protein_co	mitochond	614	495	534	766	947	1117	25.10067	25.94965	26.33942	48.60447
protein_co	peptidase_i	205	124	136	21	20	12	1.427875	1.10756	1.142939	0.227031
protein_co	tocopherol	0	2	0	3	4	3	0	0.051437	0	0.093387
protein_co	gamma-glu	795	597	643	294	321	371	23.19699	22.3382	22.63724	13.31504
protein_co	solute_carr	52	45	40	147	201	202	0.643346	0.713942	0.597103	2.822858
protein_co	sulfatase_1	3097	2481	2508	381	457	186	25.43229	26.12645	24.84963	4.856235
protein_co	trimethylgu	480	355	402	601	713	747	5.951139	5.644124	6.013578	11.56548
protein_co	syndecan_b	2055	1817	1733	1293	1172	1493	26.84842	30.44186	27.31829	26.2202
protein_co	NIMA-relat	403	326	364	208	182	203	3.34277	3.467595	3.64293	2.677905
protein_co	DEAD_(Asp	194	144	198	117	104	76	1.49838	1.426238	1.845157	1.402609
protein_co	neurexophi	0	0	2	0	0	0	0	0	0.062103	0
protein_co	sortilin-rel	280	190	211	2955	3188	2093	1.204072	1.04775	1.094775	19.72343
protein_co	transmemb	0	0	0	14	18	21	0	0	0	0.183589
protein_co	BUD13_hor	529	351	398	476	475	608	11.29545	9.61091	10.25367	15.77559

protein_co	transient_r	0	0	0	40	62	54	0	0	0	0.631221
protein_co	matrix_me	1	0	2	0	0	0	0.035442	0	0.085526	0
protein_co	chromosor	32	39	22	4	22	10	0.684214	1.06934	0.567561	0.132749
protein_co	DCN1_defe	802	687	675	1158	1521	1462	24.49889	26.91151	24.87848	54.90489
protein_co	Yes-associa	3409	2587	2816	2290	2861	2378	29.67844	28.8815	29.57977	30.94425
protein_co	tripartite_r	8	6	5	1	0	0	0.112716	0.108407	0.084999	0.021869
processed_	solute_carr	273	238	186	815	985	831	2.183721	2.441298	1.795129	10.11865
protein_co	B-cell_tran	0	0	0	0	1	0	0	0	0	0
protein_co	POU_class_	1	4	1	5	5	2	0.015563	0.079827	0.018777	0.120776
protein_co	radixin	2072	1652	1726	1103	1032	1177	21.63351	22.11855	21.74334	17.87489
protein_co	protein_ph	739	631	689	1174	1411	2014	6.202206	6.791105	6.977004	15.29327
protein_co	ferredoxin_	248	152	185	257	313	332	3.627175	2.85082	3.26465	5.834189
protein_co	chromosor	24	25	21	74	72	101	0.390073	0.521055	0.411815	1.866796
protein_co	FXYD_dom	384	342	296	94	74	55	8.293766	9.472312	7.713657	3.151221
protein_co	Rho_GTPas	6	4	5	1	2	4	0.045458	0.038862	0.045706	0.01176
protein_co	FXYD_dom	12	9	4	3	0	0	0.359081	0.345353	0.144417	0.139336
protein_co	matrix_me	2778	2377	2153	0	0	1	47.96041	52.62464	44.84796	0
protein_co	transmemb	6	3	6	30	46	33	0.086063	0.055182	0.10384	0.667909
protein_co	caspase_1_	8	4	7	0	0	0	0.187466	0.120199	0.197915	0
protein_co	alkB_alkyla	273	181	218	99	93	214	3.138263	2.668177	3.023648	1.766413
protein_co	mitogen-ac	358	250	312	334	377	238	7.152376	6.404963	7.520902	10.35724
protein_co	sulfide_qui	6	11	2	1	0	1	0.140459	0.330219	0.056491	0.036335
protein_co	CTD_(carbc	892	720	711	606	552	781	6.125644	6.340576	5.89121	6.459367
protein_co	SAFB-like_t	1541	1284	1352	1318	1437	2355	17.42405	18.61747	18.44468	23.13088
protein_co	thrombosp	27432	19986	23284	230	276	659	165.4388	154.5664	169.4282	2.152972
protein_co	mitogen-ac	907	713	803	196	232	196	5.880703	5.928173	6.281821	1.972461
protein_co	nucleolar_a	1026	934	926	1789	1693	1512	19.97059	23.31309	21.74716	54.04859
protein_co	NADH_dehy	315	234	306	193	288	178	9.318836	8.877207	10.92246	8.862146
protein_co	kinesin_fan	991	749	872	1123	1038	1162	12.87202	12.47568	13.66588	22.64036
protein_co	integrin_al	1649	1176	1301	1	3	7	15.42422	14.10585	14.68277	0.014518
protein_co	cancer_sus	885	689	915	492	295	485	4.334865	4.327737	5.407562	3.740485
protein_co	HAUS_augn	528	388	410	355	391	539	6.269417	5.907916	5.873881	6.542626
protein_co	Rtf1_Paf1/I	1940	1602	1665	2214	2728	2058	18.11723	19.18501	18.76085	32.09211
protein_co	poly_(ADP-	393	347	381	194	268	352	5.039042	5.705507	5.894249	3.860892
protein_co	ribosomal_	16500	13989	14001	18088	20530	18506	394.335	428.7236	403.7276	670.9689
protein_co	progestin_a	6	8	8	129	174	117	0.051339	0.087781	0.082592	1.713247
protein_co	leucine_ric	78	59	76	73	57	132	1.194845	1.158987	1.404684	1.735683
protein_co	tubulin_ga	779	593	704	568	664	621	8.341476	8.14272	9.095491	9.440267
protein_co	regulator_c	730	534	545	525	727	726	10.90813	10.23241	9.825892	12.17635
protein_co	inositol-tri	184	141	155	3	11	13	4.735326	4.653294	4.812955	0.119835
protein_co	uveal_auto	934	764	852	644	504	531	6.311468	6.62043	6.946582	6.754603
protein_co	SMAD_fam	280	204	208	318	424	195	4.395449	4.106621	3.93964	7.748235
protein_co	phospholip	55	47	42	246	343	174	0.555449	0.60868	0.511775	3.856091
protein_co	transmemb	69	57	50	17	37	27	1.167597	1.236881	1.02085	0.446502
protein_co	p21_protei	3	0	3	59	64	42	0.033374	0	0.040267	1.018745
protein_co	ADAM_met	2694	2116	2406	1387	1335	1487	25.0937	25.27506	27.04026	20.05276
protein_co	dual_oxida	67	78	46	18	35	11	0.547513	0.81738	0.453551	0.228309
protein_co	solute_carr	5	1	3	2	6	1	0.09515	0.024403	0.068883	0.059075
protein_co	stimulated_	416	323	349	322	424	572	6.75658	6.727372	6.839228	8.117456
protein_co	cytochrom	1	0	0	2	3	3	0.010616	0	0	0.032954
protein_co	zinc_finger_	379	314	329	299	259	260	3.62532	3.851643	3.797091	4.439241
protein_co	sema_dom	13	11	9	25	16	32	0.099946	0.108449	0.083486	0.298327
protein_co	BCL2-like_1	2	2	0	21	33	16	0.075084	0.096285	0	1.22368
protein_co	ribosomal_	1114	769	840	1623	1873	1708	25.92331	22.9478	23.58483	58.62115
protein_co	spectrin_be	457	351	389	32	37	23	1.828079	1.800508	1.877484	0.198682
protein_co	GRINL1A_c	1	2	0	1	1	0	0.014857	0.038105	0	0.023061
protein_co	GTP_cyclol	216	178	174	409	424	271	12.90222	13.63453	12.5403	37.91967
protein_co	breast_can	552	404	439	247	356	182	8.045785	7.551271	7.720437	5.588005
protein_co	tubulin_tyr	206	202	213	73	39	55	1.142847	1.437082	1.425767	0.6286
protein_co	formin_bin	1812	1434	1617	2213	2428	2555	15.90802	16.14419	17.12836	30.15572
protein_co	cysteine_co	267	227	220	331	360	365	6.048133	6.593944	6.012856	11.63774
protein_co	general_tra	262	234	236	130	136	148	9.093401	10.41478	9.882916	7.003238
protein_co	bromodom	0	1	0	3	0	1	0	0.016269	0	0.059075
protein_co	Rab_geranyl	769	621	648	793	855	1215	9.334306	9.666219	9.490274	14.9403
protein_co	interferon-i	216	165	183	0	0	0	1.965886	1.925741	2.009572	0

protein_co	GIPC_PDZ_	1	0	0	35	44	26	0.012189	0	0	0.662151
protein_co	Rho_GTPas	954	831	904	72	74	53	5.275127	5.892436	6.031162	0.617942
protein_co	interferon-	345	316	316	0	0	0	9.589245	11.2632	10.59743	0
protein_co	solute_carr	30	32	38	55	56	42	0.319269	0.436712	0.487941	0.908509
pseudogen	-	69	61	67	142	88	101	4.331206	4.910198	5.074376	13.83498
protein_co	chloride_cl	2	1	1	0	0	1	0.023299	0.014939	0.014056	0
protein_co	deoxyribon	0	0	0	0	4	0	0	0	0	0
protein_co	dihydrolipo	321	280	286	339	405	315	4.254295	4.758718	4.573373	6.973531
protein_co	RNA_3'-ter	807	652	671	417	543	457	14.92712	15.46534	14.97521	11.97206
protein_co	intraflagell	618	559	552	363	446	410	5.207193	6.039992	5.611802	4.747362
protein_co	ethanolami	1251	1025	1059	912	1037	1023	7.241009	7.608078	7.39581	8.193455
protein_co	cell_growth	20	6	10	62	98	86	0.49306	0.189684	0.297453	2.372423
protein_co	hydroxyacy	1803	1475	1553	688	753	676	29.32456	30.7636	30.47581	17.36819
protein_co	ketohexoki	40	27	30	129	131	110	0.777935	0.673374	0.703967	3.894067
protein_co	adenylate_	1169	882	1048	530	770	565	10.85434	10.50188	11.74082	7.638276
protein_co	protein_ph	912	762	780	1323	1813	1693	11.0301	11.81813	11.38223	24.83561
protein_co	polyribonu	402	362	362	557	674	837	4.273359	4.934706	4.643014	9.190285
protein_co	dynein_cyt	165	133	147	60	67	74	2.665123	2.754827	2.864829	1.504233
protein_co	luteinizing_	0	0	0	1	1	5	0	0	0	0.023909
protein_co	SMEK_hom	1230	1045	1069	848	1016	910	11.00243	11.98696	11.53743	11.77361
protein_co	THUMP_do	177	167	187	187	217	210	2.636446	3.189859	3.360743	4.323324
protein_co	cytochrom	793	570	634	64	77	75	7.086675	6.532111	6.836072	0.887728
protein_co	sulfotransfe	0	0	0	0	1	2	0	0	0	0
protein_co	RAB1A_me	4585	3571	3874	1575	1831	1773	87.8589	87.74969	89.56825	46.84438
protein_co	ARP2_actin	11374	9040	9621	3326	3810	3399	138.1318	140.7856	140.9772	62.69506
protein_co	prolactin_r	1653	1272	1383	931	1243	868	25.35466	25.01966	25.595	22.16487
protein_co	solute_carr	742	668	730	1286	1693	2586	10.7683	12.43166	12.78246	28.96776
protein_co	ATP-bindin	0	1	2	1	0	0	0	0.019825	0.037307	0.023996
protein_co	prolyl_end	741	631	630	341	344	440	5.538897	6.048446	5.681902	3.956307
protein_co	solute_carr	2	2	4	2	4	1	0.031375	0.040234	0.075712	0.048698
protein_co	elastin_mic	38152	27501	29560	157	244	149	454.2783	419.9161	424.6755	2.901582
protein_co	F-box_prot	1031	918	924	597	764	617	11.92197	13.61261	12.89168	10.71505
protein_co	SIX_homeo	1	0	0	166	199	238	0.017641	0	0	4.545315
protein_co	all-trans_re	577	433	436	679	646	670	21.81898	20.99694	19.89268	39.85281
protein_co	centromere	546	426	436	315	352	463	5.837198	5.84024	5.624013	5.227004
protein_co	leucine-rich	2039	1685	1802	4224	4145	4507	15.09215	15.99348	16.09299	48.52753
protein_co	tripartite_r	2	0	2	8	16	45	0.046265	0	0.055822	0.287241
protein_co	dystrobrevi	186	137	167	465	568	373	3.52528	3.329742	3.818961	13.67931
protein_co	ARP1_actin	4386	3525	3704	1988	2343	1937	58.44263	60.23232	59.54978	41.11573
protein_co	transmemb	31	16	19	117	155	160	0.512911	0.339477	0.379299	3.004671
protein_co	cytochrom	0	0	0	5	13	5	0	0	0	0.171894
protein_co	myoferlin	3784	3124	3505	10	14	31	25.93274	27.45476	28.98234	0.106372
protein_co	lysyl_oxida	1472	1132	1190	8	26	21	18.89464	18.63316	18.43002	0.159386
protein_co	STAM_bind	142	128	130	23	35	22	1.591392	1.839535	1.757843	0.40008
protein_co	cholesterol	58	42	52	0	0	1	1.9736	1.832693	2.134925	0
protein_co	ATPase_fam	673	616	640	501	624	557	6.801074	7.982749	7.803518	7.858336
protein_co	BTB_(POZ)_	3	0	2	2	1	0	0.075997	0	0.06113	0.078638
protein_co	kinesin_fan	1570	1192	1314	1413	1280	1649	15.15383	14.75396	15.30264	21.16876
protein_co	CUB_and_z	0	0	0	5	4	15	0	0	0	0.125353
protein_co	transformi	616	493	526	538	679	1053	2.98607	3.064612	3.076472	4.04792
protein_co	dual_specif	449	386	390	1007	1290	779	8.233718	9.077083	8.629037	28.66221
protein_co	calcium_ho	80	66	77	68	113	136	1.851531	1.958819	2.150204	2.442757
protein_co	ADP-ribosy	844	700	720	372	491	402	38.91364	41.38727	40.05345	26.62152
protein_co	centrosom	805	663	765	331	381	281	14.30874	15.11223	16.40647	9.131961
protein_co	kinesin_fan	800	648	679	817	533	1208	5.753376	5.97609	5.891836	9.1198
protein_co	ectonucleo	346	292	257	287	396	261	1.28874	1.394702	1.154969	1.659211
protein_co	exocyst_co	110	111	113	87	88	122	1.446006	1.871154	1.792271	1.775117
protein_co	phospholip	424	304	346	9	8	11	2.487659	2.287219	2.44934	0.081959
protein_co	retinol_bin	3	1	0	9	8	13	0.107055	0.045761	0	0.498492
protein_co	debranchin	336	265	311	334	385	484	5.90962	5.976893	6.599768	9.11795
protein_co	DnaJ_(Hsp4	1746	1436	1537	520	476	588	10.5912	11.1703	11.24923	4.895925
protein_co	G_protein-	13	14	16	1	2	6	0.379086	0.523518	0.56294	0.045261
protein_co	annexin_A7	1156	977	940	567	667	636	24.93324	27.02245	24.46227	18.98167
protein_co	family_with	461	326	374	282	314	313	3.997097	3.624688	3.912581	3.795101
protein_co	nuclear_rec	2047	1578	1635	1541	1819	1572	25.69849	25.40424	24.76598	30.02776

protein_co	translocase	732	595	613	537	643	812	20.40636	21.27065	20.61878	23.23588
protein_co	activating_	384	320	313	438	407	389	7.434255	7.944482	7.311368	13.16167
protein_co	phospholip	0	0	0	0	5	0	0	0	0	0
protein_co	zinc_finger_	677	587	615	4	6	5	7.607127	8.458229	8.337871	0.069763
protein_co	oncoprotei	0	0	1	0	3	1	0	0	0.023922	0
protein_co	ADAM_met	873	785	767	135	130	62	7.769024	8.958415	8.235607	1.864732
protein_co	ribosomal_	8290	6759	7094	10215	10259	10603	138.1373	144.4269	142.625	264.1953
protein_co	tet_methyl	205	148	155	1634	1846	1369	1.034933	0.958141	0.944143	12.80385
protein_co	DNA_replic	294	237	236	590	699	698	3.121754	3.227075	3.02351	9.723751
protein_co	myopalladi	16	10	15	0	0	1	0.12477	0.1	0.141133	0
protein_co	aldehyde_c	7	2	6	66	70	49	0.06474	0.02372	0.066953	0.947429
protein_co	5-aminoim	1164	994	1052	2264	2589	2519	23.9912	26.2721	26.16151	72.4279
protein_co	SWI/SNF_re	563	446	529	387	381	294	8.070645	8.198682	9.149631	8.610756
protein_co	BRCA1_assc	481	357	405	467	579	530	4.101491	3.90368	4.166772	6.180791
protein_co	signal_tran	6	10	9	4	6	2	0.099695	0.213075	0.180432	0.103161
protein_co	myostatin	1	0	0	0	0	0	0.016616	0	0	0
protein_co	amyotroph	137	84	90	56	77	37	1.082564	0.85118	0.858071	0.686833
protein_co	asparagine_	508	422	434	487	420	712	9.722502	10.35705	10.02195	14.46684
protein_co	methyltran	394	308	295	435	523	390	13.48516	13.51823	12.18232	23.10891
protein_co	Sjogren_syr	1236	1003	1067	2046	1950	2504	23.53068	24.48647	24.50916	60.45776
protein_co	NGFI-A_bin	722	561	633	495	572	507	7.768378	7.740435	8.217599	8.266636
protein_co	cyclin-depe	0	6	6	0	1	0	0	0.0986	0.092772	0
protein_co	peptidylpro	1404	1125	1178	2041	1396	2305	10.33819	10.6228	10.46576	23.32657
protein_co	FAST_kinas	219	193	202	414	479	475	3.461043	3.911375	3.851787	10.15532
protein_co	malate_deh	10	11	4	19	22	26	0.183666	0.259079	0.088642	0.541644
protein_co	HECT_C2_a	557	516	487	102	105	71	3.77097	4.479783	3.978093	1.071837
protein_co	isocitrate_(	2563	2139	2293	4139	4523	5686	49.23356	52.69055	53.14528	123.4066
protein_co	Obg-like_A	1098	888	883	1163	1481	1251	11.65616	12.08858	11.30998	19.16299
protein_co	corepresso	449	341	351	353	294	367	10.95972	10.67374	10.33733	13.3739
protein_co	sperm_spec	1434	1201	1247	139	135	137	10.38781	11.15648	10.89907	1.56286
protein_co	cholinergic	4205	3121	3137	0	0	1	99.38131	94.58926	89.45431	0
protein_co	family_witl	259	173	203	672	802	686	2.104039	1.802227	1.989748	8.473324
protein_co	WD_repeat	465	342	440	859	1000	916	9.554714	9.011565	10.90851	27.39608
protein_co	abl-interact	2000	1628	1560	1707	2010	1375	14.0832	14.7006	13.25391	18.65672
protein_co	integrin_al	5911	4697	4910	671	812	724	39.4263	40.17492	39.51433	6.946692
protein_co	solute_carr	145	112	132	1	4	15	1.97532	1.956577	2.169659	0.021145
protein_co	solute_carr	485	361	368	499	558	560	5.169734	4.934498	4.732845	8.255767
protein_co	disrupted_i	176	114	143	146	203	235	2.294951	1.906228	2.249805	2.954909
protein_co	SUMO1/ser	414	401	380	127	88	79	3.925676	4.876046	4.347562	1.869168
protein_co	guanylate_(	2	3	4	0	0	0	0.095499	0.183696	0.23045	0
protein_co	cytochrom	357	247	270	355	430	396	24.4733	21.71354	22.33244	37.77314
protein_co	poly_(ADP-	105	110	108	36	60	44	0.727353	0.977142	0.902667	0.387069
protein_co	meiosis-spe	63	46	53	75	68	90	1.460243	1.367262	1.482206	2.698213
protein_co	ubiquitin_s	751	610	636	743	624	711	6.021615	6.272089	6.152876	9.246818
protein_co	SECIS_bind	1172	978	1055	558	638	401	7.65818	8.194947	8.317608	5.659299
protein_co	tropomodu	1562	1309	1359	834	991	856	15.69028	16.86159	16.47089	13.00308
protein_co	signal_pept	348	279	298	86	180	205	7.006323	7.203183	7.238944	2.687447
protein_co	glucuronic_	657	562	583	155	181	141	6.116089	6.708943	6.548247	2.239601
protein_co	Src_homol	469	331	381	584	775	494	8.796567	7.961185	8.622107	17.00136
protein_co	anterior_pl	167	165	182	281	398	249	1.869332	2.368445	2.458043	4.882102
protein_co	von_Willeb	645	498	579	469	591	543	11.56561	11.4511	12.52666	13.05305
protein_co	cartilage_ir	22410	15565	17017	0	0	2	235.924	210.1303	216.153	0
protein_co	poly_(ADP-	261	221	238	152	156	113	4.48125	4.865868	4.930418	4.050725
protein_co	phosphopa	104	80	95	211	226	264	2.167361	2.137948	2.388744	6.825128
protein_co	hyperpolar	0	0	0	610	776	351	0	0	0	6.14218
protein_co	semaphorir	8984	7343	8072	723	865	477	108.4324	113.6507	117.5489	13.54435
protein_co	ubiquitin-li	780	577	678	803	848	840	21.26408	20.17145	22.30127	33.97801
protein_co	Rho_GTPas	429	314	269	32	28	23	4.315773	4.050795	3.265139	0.499668
protein_co	family_witl	274	254	242	246	240	224	2.193217	2.607198	2.337192	3.056304
protein_co	HECT_and_	376	352	320	36	41	19	3.544561	4.255265	3.639759	0.526754
protein_co	HECT_and_	22	17	41	88	128	76	0.272833	0.270353	0.613487	1.693896
protein_co	HECT_and_	4	9	4	167	225	133	0.05339	0.154047	0.064418	3.459786
protein_co	protocadhe	1546	1158	1204	194	181	367	13.5095	12.9762	12.69417	2.631249
protein_co	N-deacetyla	2	0	1	0	0	0	0.027986	0	0.016883	0
protein_co	chromosor	222	231	228	540	470	508	1.56488	2.088091	1.939148	5.908162

protein_co	adaptor-rel	428	336	329	275	346	473	6.91555	6.961961	6.41397	6.896776
protein_co	COP9_signa	664	517	533	415	406	493	13.69774	13.67668	13.2665	13.288
protein_co	heterogene	8085	6335	6840	10557	15116	15379	82.46809	82.86323	84.18022	167.1386
protein_co	protein_kir	0	1	1	64	55	34	0	0.017525	0.01649	1.357595
protein_co	RasGEF_do	15	18	19	23	23	49	0.111237	0.171174	0.170004	0.264738
protein_co	SEC31_hon	7858	6293	6777	1684	1793	1543	86.12944	88.4518	89.62417	28.64918
protein_co	fibroblast_	1051	799	831	0	0	0	9.41563	9.179157	8.982469	0
protein_co	1-acylglyce	25	23	18	1	4	9	0.445553	0.52565	0.387062	0.027662
protein_co	fibroblast_	99	78	71	802	1285	1452	0.685183	0.692269	0.592895	8.61541
protein_co	Bardet-Biec	313	268	279	207	200	187	3.911667	4.294985	4.206974	4.015304
protein_co	KIAA1109	1429	1219	1349	630	442	516	4.215264	4.611111	4.80123	2.884454
protein_co	bone_morp	308	302	283	8	6	18	2.594238	3.261936	2.876032	0.104587
protein_co	RAP1_GTP-	692	610	665	344	363	326	8.814967	9.96446	10.22079	6.801481
protein_co	La_ribonuc	408	350	385	472	605	542	3.911496	4.302889	4.453398	7.023526
protein_co	multimerin	8	9	8	0	0	1	0.071903	0.103732	0.086756	0
protein_co	phosphodi	90	80	76	554	581	372	0.589894	0.672405	0.601026	5.636009
protein_co	PR_domain	198	183	160	458	612	476	1.741881	2.064494	1.698327	6.253874
protein_co	transient_r	52	32	50	6	6	4	0.663478	0.523579	0.769735	0.118824
protein_co	N-acylethar	136	111	134	107	119	75	3.361646	3.518401	3.996372	4.105134
protein_co	nucleopori	568	461	585	829	879	968	11.25202	11.71096	13.98254	25.48984
protein_co	BMP2_indu	216	185	180	110	158	154	1.467436	1.611709	1.475455	1.159921
protein_co	GTPase_act	3487	2924	3048	4365	5314	6579	33.48464	36.00646	35.31479	65.05915
protein_co	septin_11	8000	6571	7065	2405	2789	2871	67.06958	70.64418	71.46539	31.29544
protein_co	Fraser_sync	1056	755	844	3409	3586	3166	3.967935	3.637951	3.826406	19.88191
protein_co	scavenger_	2834	2476	2532	855	1058	654	27.89971	31.2579	30.07541	13.06461
protein_co	cyclin_G2	801	657	702	264	277	161	6.796761	7.148982	7.187116	3.476994
protein_co	CCR4-NOT_	454	391	423	437	541	224	2.407336	2.658685	2.706258	3.596604
protein_co	USO1_vesic	2761	2242	2383	3174	2469	3695	36.07226	37.56227	37.56462	64.36419
protein_co	cyclin-depe	5	3	4	5	7	4	0.069302	0.053322	0.066894	0.107567
protein_co	shroom_fa	632	433	513	2209	2456	1433	2.689155	2.362632	2.633687	14.58898
protein_co	annexin_A3	132	101	116	106	152	250	2.116786	2.076987	2.244445	2.638392
protein_co	pyrophosp	545	459	465	331	420	396	15.17521	16.3893	15.6221	14.30529
protein_co	centromere	1101	891	989	564	335	973	5.994648	6.221046	6.497117	4.76635
protein_co	glutathione	221	178	194	295	302	317	2.425157	2.504822	2.568605	5.024583
protein_co	integrator_	134	91	120	74	76	94	3.181399	2.770537	3.437499	2.726939
protein_co	glutamyl_a	25	8	7	3	4	8	0.168839	0.069284	0.05704	0.031447
protein_co	caspase_6_	376	286	312	285	400	502	11.38931	11.10925	11.40281	13.39938
protein_co	lymphoid_	1153	876	927	9	18	30	15.54909	15.14918	15.08355	0.188386
protein_co	hydroxyacy	576	503	507	702	758	698	13.21363	14.79711	14.03316	24.9958
protein_co	epidermal_	46	36	29	38	43	48	0.441996	0.44358	0.336207	0.566728
protein_co	3'-phospho	3539	2833	3000	1607	1895	1384	60.76301	62.37558	62.14812	42.82576
protein_co	SEC24_fam	888	755	777	515	496	307	8.191685	8.931339	8.648272	7.373913
protein_co	chromosor	0	0	2	0	0	0	0	0	0.044513	0
protein_co	protein_ph	2461	1903	2049	1550	2130	1670	24.63102	24.42412	24.74348	24.0787
protein_co	solute_carr	350	336	321	386	457	655	4.070314	5.010816	4.504151	6.967511
protein_co	microsoma	0	0	0	1	1	5	0	0	0	0.017786
protein_co	fibrillin_2	89410	68255	74133	2618	3023	2702	376.6113	368.6812	376.7618	17.1162
protein_co	mitogen-ac	4682	3597	3702	1356	1646	1065	38.78097	38.20648	36.99744	17.43321
protein_co	regulator_c	2052	1680	1692	222	252	98	20.95803	22.0035	20.85074	3.519302
protein_co	guanylyl_cy	1923	1443	1596	1166	1507	1685	24.95696	24.0153	24.99156	23.48775
protein_co	tubulin_tyr	0	0	0	4	1	1	0	0	0	0.114209
protein_co	ring_finger_	715	557	627	357	417	432	10.59285	10.58208	11.20785	8.209286
protein_co	KIAA1644	2	1	3	70	84	139	0.013891	0.008907	0.025141	0.754642
protein_co	parvin_gam	21	17	15	4	6	2	0.194257	0.201658	0.167416	0.057431
protein_co	beta-14-N-a	286	216	230	511	728	448	2.646122	2.562754	2.567554	7.338295
protein_co	phosphodi	0	0	0	0	0	1	0	0	0	0
protein_co	endoplasm	4	1	1	2	0	1	0.089485	0.028688	0.026992	0.069446
protein_co	ets_variant	649	433	449	136	190	146	13.76374	11.77576	11.4891	4.476731
protein_co	GABA(A)_re	1710	1233	1418	1572	1993	1371	24.94771	23.06784	24.96082	35.59734
protein_co	kinesin_fam	188	138	162	974	818	1267	1.327009	1.249121	1.379683	10.67101
protein_co	copine_VIII	227	193	200	62	70	60	3.050741	3.326182	3.243079	1.293307
protein_co	tyrosyl-tRN	515	397	387	703	816	904	11.38	11.24954	10.31796	24.11131
protein_co	FYVE_RhoG	54	46	43	414	462	779	0.307214	0.335595	0.295165	3.655768
protein_co	ALG10_alp	51	38	48	33	60	43	0.999328	0.95484	1.13482	1.00365
protein_co	phosphatic	1	2	0	0	0	1	0.009688	0.024847	0	0

protein_co	family_witl	695	573	593	5958	6884	5721	10.30305	10.89294	10.60679	137.092
protein_co	phospholip	0	0	0	0	0	1	0	0	0	0
protein_co	AE_binding	614	546	534	777	1097	675	7.953169	9.069301	8.345668	15.62152
protein_co	solute_carr	1	0	0	0	0	0	0.013529	0	0	0
protein_co	methyltran	33	20	28	20	15	17	0.252508	0.196246	0.258504	0.237532
protein_co	ethanolami	826	689	741	874	1046	792	5.410135	5.787041	5.855909	8.885256
protein_co	zinc_finger	732	592	618	584	635	568	18.7868	19.48377	19.1372	23.26404
protein_co	transmemb	272	222	212	14	7	11	4.624396	4.840034	4.348806	0.369441
protein_co	prickle_hor	352	261	313	6	23	166	3.880857	3.690072	4.16368	0.102675
protein_co	complemer	242	196	219	192	276	142	3.343366	3.472434	3.65057	4.117184
protein_co	NADH_dehy	185	105	147	133	152	153	2.601876	1.89371	2.494481	2.903333
protein_co	calsyntenin	2414	1758	1822	732	889	508	26.34835	24.60619	23.99455	12.40103
protein_co	killer_cell_l	26	15	11	27	32	30	0.913214	0.675616	0.466165	1.471951
protein_co	vesicle-assc	152	105	111	118	147	81	2.066478	1.830568	1.820783	2.490002
protein_co	TAP_bindin	40	26	45	41	46	26	0.800171	0.666969	1.086134	1.273026
protein_co	CD27_mole	3	1	1	4	5	1	0.105135	0.04494	0.042284	0.217578
protein_co	retinol_bin	33	39	46	23	33	23	1.529022	2.317255	2.571614	1.654086
protein_co	peroxisoma	829	628	599	1276	1695	1273	11.95321	11.61178	10.42089	28.5569
protein_co	PILR_alpha	475	396	404	107	142	117	8.264474	8.835399	8.481078	2.889588
protein_co	solute_carr	18	8	14	78	92	62	0.222755	0.126957	0.209041	1.498238
protein_co	adhesion_r	725	594	676	118	163	169	9.034085	9.491655	10.16344	2.282226
protein_co	SR-related_	1408	1243	1412	781	660	834	12.46623	14.11279	15.08395	10.73282
protein_co	collagen_ty	3749	2216	2354	215	265	387	34.66588	26.2764	26.26282	3.085714
protein_co	protein_tyr	35	47	40	6	4	5	0.303636	0.522868	0.41869	0.080792
protein_co	LLP_homol	137	112	119	121	140	193	5.184772	5.435462	5.433806	7.107632
pseudogen	ribosomal_	56	48	37	89	95	112	3.919166	4.307806	3.124319	9.667765
protein_co	leucine-rich	1744	1415	1470	129	209	158	20.09243	20.90508	20.4339	2.30678
protein_co	membrane-	58	55	45	58	73	43	0.912012	1.109034	0.853755	1.41557
protein_co	inhibin_be	95	59	58	49	96	101	1.833904	1.460543	1.350918	1.46818
protein_co	GLI_pathog	885	649	693	22	18	21	7.061029	6.640163	6.671231	0.272444
protein_co	tryptophar	0	0	2	2	6	3	0	0	0.037818	0.04865
protein_co	pleckstrin_	2040	1896	1875	343	364	307	11.85471	14.1289	13.1465	3.09375
protein_co	transmemb	253	213	224	81	95	101	2.542472	2.744888	2.716012	1.26343
protein_co	leucine-rich	262	179	220	19	20	17	2.664321	2.334251	2.69933	0.299895
protein_co	protein_tyr	0	0	1	2	1	0	0	0	0.007857	0.020214
protein_co	dual_specif	10811	8420	8920	2940	2652	1878	115.2109	115.0666	114.694	48.63014
protein_co	POC1_cent	505	409	447	249	361	199	4.054702	4.211145	4.330351	3.103111
protein_co	transmemb	924	701	852	401	325	484	6.015046	5.851865	6.69198	4.051742
protein_co	lumican	3407	2517	2336	1	0	6	53.1098	50.31473	43.9363	0.024195
protein_co	keratocan	24	11	10	0	0	0	0.520518	0.305933	0.261681	0
protein_co	small_nucl	1110	907	942	1768	1968	2094	37.4715	39.26402	38.3687	92.63836
protein_co	amidohydr	5	4	4	10	14	6	0.109761	0.112603	0.105947	0.340729
protein_co	neural_pre	685	510	563	389	313	327	8.872835	8.471325	8.798898	7.820813
protein_co	synaptoner	5	4	8	4	8	8	0.063537	0.065181	0.122657	0.078894
protein_co	achaete-scu	0	0	0	2	0	2	0	0	0	0.058883
protein_co	growth_arr	558	536	495	256	237	164	6.627312	8.163518	7.093433	4.719258
protein_co	transmemb	332	289	319	2048	2335	1571	1.427424	1.59339	1.654831	13.66707
protein_co	solute_carr	516	428	396	438	600	417	8.715868	9.270732	8.070569	11.48327
protein_co	thymine-DI	951	757	756	733	1053	1606	13.71652	14.00131	13.15628	16.4096
protein_co	chromosor	420	279	307	524	674	433	9.592697	8.17156	8.460146	18.57604
protein_co	serine_dehy	45	37	33	18	17	10	1.456212	1.535405	1.288469	0.904097
protein_co	methylmal	869	699	693	265	290	446	14.95318	15.42412	14.38783	7.077669
protein_co	glycolipid_	916	706	649	559	649	358	18.23058	18.01852	15.58468	17.26821
protein_co	G_protein-	423	312	317	154	189	117	3.625384	3.42908	3.278091	2.048636
protein_co	trichoplein	667	540	582	124	125	120	9.123583	9.472022	9.605293	2.632642
protein_co	family_witl	112	85	71	33	74	200	1.594318	1.551619	1.219448	0.729124
protein_co	forkhead_b	0	0	0	9	10	3	0	0	0	0.195528
protein_co	nucleopori	1086	862	982	778	988	940	8.006692	8.149667	8.7354	8.902938
protein_co	myotubula	813	630	688	188	269	200	6.736452	6.694075	6.878238	2.417848
protein_co	solute_carr	165	133	122	3	3	10	2.434504	2.516445	2.171873	0.068703
protein_co	solute_carr	2421	1947	1976	1643	2208	2374	15.4513	15.93476	15.21617	16.27565
protein_co	pancreatic_	0	0	0	0	0	4	0	0	0	0
protein_co	ligand_of_r	244	200	223	269	323	270	2.473765	2.600207	2.727857	4.233031
protein_co	sulfite_oxic	533	360	370	305	403	390	8.738594	7.568786	7.319209	7.761482
protein_co	coiled-coil_	125	90	117	66	82	69	2.812501	2.596776	3.176264	2.304927

protein_co	solute_carr	7	4	4	4	13	1	0.16161	0.118424	0.111424	0.143338
protein_co	TAR_(HIV-1	860	641	712	988	1142	1211	21.59904	20.64446	21.57566	38.51443
protein_co	retinol_deh	5	3	8	42	52	7	0.073311	0.056407	0.141527	0.955832
protein_co	desert_hed	4	0	2	1	0	1	0.09688	0	0.058446	0.037593
protein_co	activin_A_r	3	3	10	3	3	4	0.034135	0.043773	0.137286	0.052982
protein_co	G_protein-r	2	0	3	0	2	0	0.045948	0	0.083159	0
protein_co	neuropepti	23	16	11	5	3	6	0.767049	0.684265	0.442625	0.258819
protein_co	nucleic_aci	745	578	582	396	425	416	19.6806	19.58029	18.55039	16.23707
protein_co	NEDD4_bin	9	6	4	42	47	11	0.138546	0.118443	0.074295	1.00353
protein_co	SWI/SNF_re	2491	2014	2083	995	1354	1165	27.34794	28.35435	27.59231	16.95526
protein_co	breast_can	274	215	259	237	121	293	1.169689	1.176976	1.334036	1.570358
protein_co	KAT8_regul	379	336	327	294	330	587	6.548016	7.444219	6.816577	7.884032
protein_co	ceramide_s	958	819	896	467	537	553	14.98353	16.42639	16.90849	11.33695
protein_co	mitogen-ac	702	571	604	300	450	153	5.849794	6.101673	6.072793	3.88021
protein_co	integrin_be	6	6	6	1	8	3	0.09813	0.125838	0.1184	0.025385
protein_co	UDP-N-acet	208	191	190	279	328	248	1.873079	2.205645	2.064403	3.899667
protein_co	cysteine_su	450	332	367	54	95	59	7.977508	7.547483	7.849985	1.485864
protein_co	limb_regio	464	383	399	743	872	368	7.770346	8.224897	8.062009	19.31264
protein_co	chromosor	643	414	454	556	604	655	22.02358	18.18388	18.76207	29.55849
protein_co	extended_s	4460	3648	3876	2260	2342	2360	47.65941	49.9894	49.97417	37.48458
protein_co	transmemb	8061	6505	6835	7235	7841	8194	116.1587	120.2042	118.8364	161.8199
protein_co	ankyrin_rep	5268	3993	4511	1001	1332	722	28.43193	27.63562	29.37524	8.385426
protein_co	zinc_finger	761	602	596	396	530	377	8.398047	8.519213	7.93575	6.782961
protein_co	WD_repeat	719	522	660	466	552	460	9.239222	8.601741	10.23289	9.294433
protein_co	heterogene	122	77	120	105	86	144	2.418851	1.957714	2.870639	3.231239
protein_co	lysophosph	328	247	274	44	40	68	5.119815	4.944094	5.160349	1.066016
protein_co	esterase_D	1083	835	828	635	649	609	42.60226	42.12112	39.29909	38.77112
protein_co	retinoblast	846	693	803	209	245	290	8.196065	8.609494	9.386391	3.142764
protein_co	strawberry	1348	1113	1094	1221	1316	1198	5.756101	6.094569	5.636427	8.092536
protein_co	MORN_rep	13	11	9	14	25	19	0.427169	0.463509	0.356818	0.714027
protein_co	SET_domai	1267	920	1022	623	845	1159	7.2495	6.750386	7.055542	5.532863
protein_co	vacuolar_p	165	132	146	193	234	326	1.687059	1.730731	1.801139	3.062909
protein_co	vacuolar_p	849	694	679	378	501	490	13.17763	13.81333	12.71591	9.106509
protein_co	ras_homol	7	3	5	11	22	11	0.109228	0.06003	0.094136	0.266415
protein_co	density-reg	1818	1403	1481	1311	1537	2170	30.78586	30.46663	30.25942	34.45804
protein_co	diaphanou	701	530	615	422	503	459	6.842194	6.633803	7.242701	6.39323
protein_co	SLAIN_mot	9	9	7	487	643	478	0.160034	0.205221	0.150181	13.44094
protein_co	RNA_bindi	1056	918	953	1024	1137	1019	11.98351	13.35894	13.04851	18.03643
protein_co	serine/argi	1	1	0	55	89	95	0.005531	0.007093	0	0.472206
protein_co	methyltran	0	1	2	0	0	0	0	0.055266	0.103999	0
protein_co	muscleblin	799	612	704	12	9	46	8.024229	7.881652	8.530554	0.187055
protein_co	ring_finger	3	2	4	1	0	3	0.102231	0.087398	0.164464	0.052892
protein_co	Zic_family_	1	0	0	1166	1593	1348	0.010108	0	0	18.293
protein_co	abhydrolas	326	242	265	135	159	180	2.863647	2.726004	2.808638	1.840628
protein_co	RAB20_me	49	36	34	157	181	96	1.517577	1.429771	1.27052	7.547179
protein_co	growth_ho	13	11	11	576	605	551	0.421556	0.457419	0.430381	28.99112
protein_co	cullin_4A	1667	1356	1522	1659	2049	2060	20.9897	21.89474	23.12243	32.42258
protein_co	tetratricop	6	4	3	4	6	0	0.048232	0.041234	0.029098	0.049909
protein_co	somatostat	1813	1436	1437	184	149	119	19.79316	20.10393	18.92875	3.117924
protein_co	cadherin_2	560	437	446	641	695	601	7.39257	7.397725	7.103794	13.13397
protein_co	RAS_(RAD_	4	1	9	63	69	43	0.097535	0.031269	0.264784	2.384362
protein_co	cerebellin_	21	19	16	6	8	8	0.419732	0.486985	0.385852	0.186138
protein_co	testis-speci	68	49	66	56	70	73	2.287318	2.113601	2.678611	2.923722
protein_co	neuro-oncc	52	58	46	159	164	179	0.370841	0.530423	0.395813	1.759998
protein_co	fat_storage	1	1	0	5	3	0	0.039271	0.05036	0	0.304773
protein_co	MAM_dom	2	0	1	7	4	2	0.0179	0	0.010799	0.097243
protein_co	thioredoxi	782	649	608	769	925	1241	14.7261	15.67238	13.81442	22.47697
protein_co	FERM_dom	2456	1828	2059	331	349	309	22.47938	21.45564	22.73843	4.702345
protein_co	pellino_E3_	255	203	209	305	375	243	2.023516	2.065722	2.001063	3.756615
protein_co	reticulon_1	11	15	4	23	31	15	0.150157	0.262576	0.065881	0.487317
protein_co	chromosor	1454	1235	1298	198	219	170	10.49701	11.43346	11.30639	2.218691
protein_co	synaptotag	1	0	1	9	7	4	0.014567	0	0.017575	0.203485
protein_co	solute_carr	112	78	105	21	31	34	1.884349	1.682858	2.131478	0.548395
protein_co	N(alpha)-ac	697	526	571	507	643	459	4.275555	4.13766	4.22614	4.827232
protein_co	ADAM_met	4	1	4	0	1	1	0.070564	0.022622	0.08514	0

protein_co	retinol_deh	1	1	0	13	34	9	0.024955	0.032001	0	0.503532
protein_co	DDB1_and_	1523	1069	1302	755	842	777	11.99622	10.79771	12.37381	9.23043
protein_co	RAB15_mei	3987	2971	3157	1160	1478	1743	53.18649	50.82379	50.81333	24.01837
protein_co	WD_repeat	100	79	93	242	279	259	1.566656	1.587121	1.757943	5.884635
protein_co	estrogen_re	2	5	5	15	14	18	0.017182	0.055084	0.051828	0.200018
protein_co	potassium_	0	0	0	24	28	29	0	0	0	0.418375
protein_co	stonin_2	12	7	8	325	388	311	0.130795	0.09784	0.105208	5.498242
protein_co	EF-hand_ca	89	61	53	83	91	92	1.348372	1.185111	0.968821	1.951768
protein_co	G_protein-	1	1	0	0	0	0	0.026254	0.033667	0	0
protein_co	prostaglanc	71	60	57	140	183	116	0.68516	0.742496	0.663676	2.096969
protein_co	Jun_dimeri	343	259	245	367	606	281	2.977833	2.883469	2.566376	4.945415
protein_co	adenylate_l	51	57	45	107	122	70	0.724664	1.038606	0.771484	2.35983
protein_co	solute_carr	0	3	0	3	5	3	0	0.038001	0	0.045995
protein_co	fibulin_5	8546	6895	7510	156	202	202	165.3826	171.1081	175.3537	4.685782
protein_co	serpin_pep	0	0	0	1	2	0	0	0	0	0.028812
protein_co	chromosor	201	177	196	88	110	84	3.765439	4.252087	4.430203	2.558778
protein_co	tryptophar	1709	1234	1300	1113	1437	1552	25.9169	23.99747	23.7866	26.1979
protein_co	solute_carr	0	0	0	1	1	0	0	0	0	0.041876
protein_co	WD_repeat	438	366	398	313	378	417	6.711708	7.191995	7.358513	7.44447
protein_co	non_impri	1250	1007	1102	885	1190	1176	18.12945	18.72895	19.28432	19.92271
pseudogen	hect_doma	769	759	763	415	476	462	6.039937	7.644642	7.230672	5.059232
protein_co	solute_carr	389	341	407	248	245	163	3.373445	3.79217	4.258596	3.338153
protein_co	dual_oxida	1	0	0	0	1	0	0.01747	0	0	0
protein_co	microfibril	720	619	633	738	775	898	15.66627	17.27162	16.61823	24.92413
protein_co	transcriptic	3558	2803	3065	1225	1262	769	27.52593	27.80792	28.60979	14.70966
protein_co	sorbitol_de	380	267	292	678	714	744	3.629702	3.270453	3.365257	10.05189
protein_co	small_EDRI	9258	6603	6860	4427	4903	3867	155.4827	142.2052	139.0072	115.3998
protein_co	zinc_finger_	386	316	346	467	548	590	3.23495	3.396071	3.498682	6.074739
protein_co	dual_oxida	2	0	0	0	0	0	0.053284	0	0	0
protein_co	dual_oxida	2	1	0	0	0	0	0.014121	0.009054	0	0
protein_co	LysM_putat	33	20	32	37	38	35	0.879688	0.683682	1.02923	1.5309
protein_co	solute_carr	1	0	0	67	58	73	0.019586	0	0	2.036862
protein_co	fibroblast_	239	203	163	0	0	3	2.049884	2.232733	1.686813	0
protein_co	histidine_d	4	0	1	0	0	0	0.069338	0	0.020915	0
protein_co	glucosamir	0	2	1	1	2	3	0	0.039637	0.018647	0.023988
protein_co	BCL2/adeno	871	664	807	433	427	494	6.457108	6.31244	7.218408	4.982396
protein_co	general_tra	1039	840	870	656	872	719	30.79566	31.92733	31.11295	30.17923
protein_co	signal_reco	4075	3254	3302	2653	2427	3156	177.4158	181.6735	173.4562	179.2802
protein_co	bromo_adj	607	423	484	1258	1619	1226	6.058374	5.413985	5.828554	19.4885
protein_co	dispatched	30	18	18	13	27	7	0.279607	0.215133	0.202417	0.188062
protein_co	codanin_1	615	505	554	321	428	284	6.218969	6.548533	6.75929	5.038239
protein_co	transducin-	1822	1274	1415	2664	3081	2462	10.9404	9.809881	10.25155	24.82845
protein_co	acidic_(leu	2666	2147	2326	3302	3658	3646	33.68601	34.78811	35.46069	64.75853
protein_co	COMM_dor	987	753	787	987	1134	1460	11.00867	10.77016	10.59109	17.08698
protein_co	ubiquitin-c	1013	830	939	436	520	499	15.17559	15.94496	16.97265	10.13802
protein_co	proline-seri	5	3	3	10	13	7	0.119495	0.091942	0.086507	0.370947
protein_co	electron-tra	1480	1175	1278	797	976	814	30.34422	30.8931	31.615	25.36314
protein_co	BCL2-relate	62	55	52	1	0	0	2.814309	3.20149	2.847944	0.070455
protein_co	high_mobil	1140	925	968	1470	1467	890	12.99966	13.52628	13.31836	26.01807
protein_co	S-phase_cy	169	152	160	282	269	180	1.457229	1.680715	1.664597	3.774164
protein_co	tetraspanir	2731	2159	2244	1426	1677	1660	33.22694	33.68454	32.94121	26.9289
protein_co	WD_repeat	423	374	389	398	402	554	5.465549	6.196898	6.064445	7.981913
protein_co	nuclear_rec	738	597	700	493	551	448	4.096701	4.249732	4.688393	4.247714
protein_co	nei_endonu	41	53	56	218	289	116	0.587738	0.974283	0.968581	4.850503
protein_co	mannosida	1380	1052	1197	765	936	698	13.42494	13.12376	14.04998	11.55115
protein_co	DnaJ_(Hsp4	21	28	24	73	93	54	0.303448	0.51884	0.418432	1.637265
protein_co	mesoderm_	2636	1788	1904	1485	2264	1276	40.55187	35.27299	35.34113	35.45866
protein_co	tropomyos	20890	16922	18194	1453	1606	2235	343.0937	356.398	360.5376	37.03995
protein_co	insulin-like	3397	2717	2852	4384	5298	3488	13.49533	13.84162	13.67054	27.03267
protein_co	arrestin_do	342	265	267	234	284	46	3.938209	3.913162	3.709641	4.182336
protein_co	PIF1_5'-to-	349	269	316	2444	3160	1780	6.090293	6.019693	6.653465	66.19793
protein_co	ubiquitin_s	379	307	329	233	274	162	3.231736	3.356946	3.384859	3.083778
protein_co	cytochrom	1	1	0	91	99	68	0.023433	0.03005	0	3.309826
protein_co	Bardet-Biec	418	352	436	642	711	746	7.871497	8.500276	9.906394	18.76491
protein_co	promyeloc	1597	1287	1307	1262	1505	775	13.88529	14.34954	13.71114	17.03099

protein_co	cytochrom	2	0	0	0	0	1	0.034927	0	0	0
protein_co	ADAM_met	52	34	44	26	33	53	0.392828	0.329372	0.401051	0.304861
protein_co	lines_homc	170	122	133	79	108	119	1.653454	1.521642	1.560785	1.192617
protein_co	unc-51-like	583	466	503	626	792	617	9.263599	9.495251	9.643334	15.43889
protein_co	golgin_A6_	0	0	0	18	17	0	0	0	0	0.617068
protein_co	proprotein	23	32	16	85	117	93	0.244718	0.436613	0.205402	1.40374
protein_co	coiled-coil_	0	0	1	15	20	4	0	0	0.018339	0.353873
protein_co	CUGBP_Ela	0	1	0	0	0	0	0	0.017976	0	0
protein_co	secretory_c	1311	1031	1062	638	773	674	19.44112	19.60589	19.00164	14.68486
protein_co	hyaluronan	1729	1218	1329	684	849	509	26.39949	23.84829	24.48351	16.21015
protein_co	Rh_family_	0	1	0	5	9	2	0	0.030338	0	0.183602
protein_co	polymerase	2044	1753	1879	1378	1776	1139	21.28903	23.41349	23.61292	22.27689
protein_co	retinaldehy	2	9	3	2	0	1	0.051812	0.298988	0.093772	0.08042
protein_co	Fanconi_an	1168	982	1036	1304	1381	1599	11.54703	12.44939	12.35763	20.00946
protein_co	abhydrolas	5786	5113	5186	550	690	449	31.0596	35.19675	33.58907	4.582586
protein_co	WD_repeat	0	1	3	5	3	4	0	0.02496	0.070455	0.151058
protein_co	TOPBP1-int	521	417	406	918	903	1080	3.60799	3.703164	3.392358	9.867355
protein_co	neurotroph	60	49	38	313	293	282	0.140783	0.147436	0.10758	1.139916
protein_co	de-etiolate	115	82	127	119	125	98	2.32931	2.129868	3.10371	3.741165
protein_co	milk_fat_gl	3140	2280	2344	4748	5816	3575	74.09897	68.99644	66.7403	173.9097
protein_co	zinc_finger_	981	682	847	593	890	572	9.962986	8.882071	10.37892	9.34772
protein_co	unc-45_hor	2025	1594	1681	2137	2987	1856	23.72621	23.94975	23.76397	38.86318
protein_co	ST8_alpha-l	488	417	398	79	89	76	4.008817	4.392804	3.944823	1.007289
protein_co	multiple_C	404	329	366	93	85	55	4.21624	4.403005	4.608643	1.506459
protein_co	furin_(paire	7472	5518	6403	1916	2671	1625	82.55471	78.18007	85.35649	32.85723
protein_co	IQ_motif_c	6318	5435	5651	3348	3850	3116	40.95826	45.18256	44.20132	33.6882
protein_co	CREB_regul	854	645	650	225	267	107	7.687478	7.445521	7.059719	3.143685
protein_co	elongation_	268	175	207	545	496	491	3.419462	2.863324	3.186702	10.7932
protein_co	SH3-domai	9	5	6	138	157	186	0.209747	0.149428	0.168714	4.991855
protein_co	SEC11_hon	2265	1811	1776	1985	2196	2234	29.2901	30.03173	27.71045	39.84222
protein_co	septin_12	0	1	0	0	2	1	0	0.040932	0	0
protein_co	glyoxylate_	1184	897	959	1050	1218	1358	14.71839	14.29916	14.38386	20.25949
protein_co	phosphom	336	252	209	163	197	268	2.912746	2.801388	2.186038	2.193216
protein_co	solute_carr	0	1	3	8	3	2	0	0.024374	0.068799	0.236011
protein_co	integrin_al	1	3	9	0	0	0	0.00997	0.038356	0.108267	0
protein_co	transformi	2646	1975	2155	80	111	51	24.94892	23.88022	24.51643	1.170799
protein_co	chromosor	1160	953	925	417	578	289	19.47455	20.5169	18.73696	10.86616
protein_co	armadillo_	426	307	357	368	478	534	4.123689	3.810869	4.169582	5.529101
protein_co	poly(A)-spe	727	526	573	723	792	942	11.07506	10.27559	10.53209	17.09545
protein_co	fat_mass_a	753	669	660	381	392	365	3.000865	3.418905	3.173537	2.356715
protein_co	ubiquinol-c	2243	1834	1954	2272	2372	2225	40.21962	42.17134	42.27478	63.23354
protein_co	cerebellar_	1389	1075	1194	657	817	571	24.10445	23.92285	25.00043	17.69664
protein_co	immunoglc	19	30	38	2	9	8	0.752458	1.523559	1.815768	0.122939
protein_co	Rho_GTPas	950	809	845	710	907	899	8.9701	9.795611	9.626722	10.40549
protein_co	myosin_ligl	2	2	3	15	13	9	0.02841	0.036431	0.051417	0.330717
protein_co	ATP-bindin	0	0	0	0	0	2	0	0	0	0
protein_co	naked_cuti	297	234	289	125	160	98	3.032738	3.064105	3.56061	1.981157
protein_co	DEAH_(Asp-	2208	1779	1829	1263	1663	1602	22.46813	23.21417	22.45586	19.94811
protein_co	thioredoxir	188	110	127	69	69	115	3.448875	2.587746	2.811068	1.964713
protein_co	MARVEL_d	4	7	4	486	721	440	0.064409	0.144543	0.077714	12.14663
protein_co	carbohydra	1	0	1	51	47	41	0.01944	0	0.023456	1.538876
protein_co	zinc_finger_	4581	3543	3931	379	399	350	13.37171	13.26194	13.84452	1.717103
protein_co	C-type_lect	30	33	28	4	1	3	0.754263	1.063959	0.849391	0.156096
protein_co	copine_II	2320	1770	1824	476	545	413	31.56844	30.88501	29.94594	10.05316
protein_co	NLR_family	818	744	677	20	27	22	5.570147	6.496742	5.562245	0.211385
protein_co	katanin_p8	801	602	691	1345	1617	1504	9.745434	9.392355	10.14366	25.39928
protein_co	kinesin_fan	1429	1067	1256	212	289	279	19.55233	18.72147	20.735	4.502281
protein_co	ADAM_met	7	4	1	10	3	11	0.05551	0.040676	0.009568	0.123084
protein_co	nudix_(nuc	3	3	0	21	16	11	0.128349	0.164589	0	1.394503
protein_co	glycine_cle	92	56	59	144	238	143	2.779563	2.169632	2.150744	6.752765
protein_co	CKLF-like_M	1496	1223	1405	499	682	793	30.10621	31.56169	34.11527	15.58675
protein_co	CKLF-like_M	3	3	2	2	0	0	0.133463	0.171147	0.107354	0.138102
protein_co	cadherin_1	18956	15050	16079	201	211	191	129.3057	131.6487	132.336	2.128126
protein_co	nucleolar_p	222	154	157	34	42	24	5.522326	4.912461	4.712124	1.312739
protein_co	microtubul	2026	1654	1675	808	969	1013	30.7939	32.23815	30.71766	19.06194

protein_co	membrane-	3550	2683	3039	1036	1273	1122	38.37242	37.18954	39.63415	17.38125
protein_co	cadherin_1	582	517	559	2	3	19	6.820792	7.769834	7.904451	0.036381
protein_co	zinc_finger_	1691	1246	1363	742	1054	663	11.1646	10.54938	10.85784	7.60386
protein_co	TBC/LysM-a	557	409	395	305	370	227	7.699805	7.25032	6.588244	6.544174
protein_co	adenosine_	0	0	0	6	9	2	0	0	0	0.170711
protein_co	oxidative_s	107	84	86	32	28	11	2.098382	2.112465	2.03492	0.97405
protein_co	interferon_	3	3	5	9	11	9	0.046426	0.059534	0.093359	0.216178
protein_co	ras_homol	2870	2030	2285	2639	3409	3273	30.8586	27.98979	29.64344	44.04171
protein_co	ribosomal_	0	0	4	21	17	7	0	0	0.103713	0.700447
protein_co	zinc_finger_	217	173	193	178	217	188	3.210834	3.282567	3.445589	4.087979
protein_co	ribosomal_	30643	23728	24795	39996	44352	38288	928.1982	921.6795	906.1949	1880.427
protein_co	NADH_deh	1144	943	895	1369	1621	1326	55.99392	59.18831	52.85499	104.0037
protein_co	3-phosphoi	727	613	613	390	474	508	4.707781	5.090397	4.789502	3.919917
protein_co	tigger_tran	25	21	31	27	31	14	0.324543	0.349592	0.485559	0.544035
protein_co	differential	1378	1084	1227	1332	1771	1351	14.5201	14.64735	15.59958	21.78488
protein_co	transcriptic	2692	2132	2214	879	928	1208	56.5284	57.41009	56.09412	28.6491
protein_co	galactosam	1138	799	851	271	365	314	9.391207	8.455422	8.473382	3.471194
protein_co	growth_arr	75	53	80	112	163	149	0.912021	0.826473	1.173766	2.113936
protein_co	mediator_c	267	208	212	418	476	386	3.736089	3.732318	3.579232	9.078471
protein_co	nuclear_rec	3245	2589	2965	2190	2456	2181	14.19385	14.52202	15.64798	14.86826
pseudogen	CMT1A_du	9	7	12	4	3	6	0.549492	0.548058	0.883992	0.379061
protein_co	COP9_signa	1025	853	839	855	982	1378	28.4056	30.31366	28.05369	36.77703
protein_co	GID_compl	248	204	174	262	322	181	2.744566	2.895086	2.323375	4.500427
protein_co	zinc_finger_	247	159	183	52	54	47	3.433689	2.834461	3.069469	1.122013
protein_co	myocardin	1	2	1	11	13	14	0.005539	0.014205	0.006683	0.094564
protein_co	kinase_sup	872	665	737	901	1025	784	5.652211	5.527552	5.763913	9.064778
protein_co	cirrhosis_a	719	555	627	920	1104	1344	8.059747	7.978015	8.480239	16.00703
protein_co	RAN_bindi	529	428	474	308	433	436	4.675743	4.851188	5.055003	4.225481
protein_co	dipeptidase	0	0	1	25	48	21	0	0	0.028035	0.901633
protein_co	glucose-fru	797	663	684	479	591	376	12.66396	13.50934	13.1134	11.81346
protein_co	NIN1/RPN1	482	342	390	939	989	966	13.03402	11.85951	12.72459	39.4119
protein_co	phosphorib	393	311	349	578	666	576	9.648051	9.790768	10.33762	22.02446
protein_co	myosin_XI>	1049	896	918	1188	1337	1451	8.535073	9.348655	9.012027	15.00302
protein_co	DEAD_(Asp-	605	536	506	455	580	905	4.461151	5.068339	4.501841	5.20755
protein_co	RAS-like_fa	454	319	373	632	1016	480	6.642143	5.984838	6.584294	14.35159
protein_co	unc-45_ho	0	0	0	0	2	1	0	0	0	0
protein_co	phosphatid	223	144	176	176	179	283	2.659327	2.202109	2.532373	3.257692
protein_co	target_of_r	97	88	70	647	691	477	1.819333	2.116569	1.584114	18.83541
protein_co	chromosor	277	227	253	310	362	387	3.573187	3.755011	3.937717	6.206806
protein_co	transducer_	305	243	261	185	276	163	6.416086	6.5552	6.624588	6.040495
protein_co	vacuolar_p	1491	1137	1226	722	871	797	5.334428	5.21651	5.292352	4.009386
protein_co	spermatoge	0	1	0	0	0	0	0	0.035287	0	0
protein_co	small_G_pr	1140	862	968	505	742	516	10.99211	10.65842	11.26159	7.557845
protein_co	aminopept	1153	962	970	1190	1373	1247	10.65514	11.40025	10.81558	17.06897
protein_co	src_kinase_	0	1	0	0	2	0	0	0.035643	0	0
protein_co	leucine_ric	19	6	16	4	10	9	0.397905	0.161134	0.404291	0.130022
protein_co	secernin_2	724	509	542	555	713	400	19.08284	17.20408	17.23661	22.70533
protein_co	slingshot_p	562	407	505	285	312	215	2.825366	2.623869	3.063218	2.223892
protein_co	rhomboid_	3	2	5	407	515	442	0.03018	0.025801	0.06069	6.355155
protein_co	arylsulfatas	90	95	97	106	145	95	0.909113	1.230575	1.182211	1.661926
protein_co	ATP-bindin	13	9	7	0	0	1	0.107375	0.095326	0.06976	0
protein_co	glucose_6_	2293	1673	1923	1965	2078	1925	35.51992	33.23328	35.94143	47.24556
protein_co	clathrin_he	10282	8713	9276	5508	6364	5983	62.12927	67.51429	67.62814	51.65865
protein_co	chromosor	0	0	0	3	1	1	0	0	0	0.229831
protein_co	breast_carc	466	336	317	255	361	230	4.796038	4.434506	3.936443	4.073496
protein_co	peptidyl-tR	406	328	345	299	309	446	4.627454	4.794014	4.744421	5.289538
protein_co	synovial_sa	1903	1504	1555	1010	1160	1286	29.22755	29.62175	28.81589	24.07717
protein_co	TAF4b_RNA	8	11	7	433	443	332	0.071316	0.125747	0.075291	5.991189
protein_co	AFG3_ATPa	752	583	699	1333	1548	1540	10.47261	10.41154	11.74526	28.81362
protein_co	slowmo_ho	70	54	64	76	92	60	1.64033	1.622693	1.809511	2.76425
protein_co	inositol(my	487	392	425	2023	2732	2304	14.13084	14.58594	14.87908	91.10986
protein_co	guanine_nu	31	35	31	547	692	366	0.222432	0.322042	0.268377	6.091898
protein_co	solute_carr	1878	1561	1663	685	821	748	24.85449	26.49241	26.5552	14.07117
protein_co	regulation_	1138	897	992	1640	2091	1674	12.02362	12.15332	12.64599	26.89474
protein_co	chromosor	185	176	147	215	267	348	5.486814	6.693766	5.260341	9.897316

protein_co	UDP-N-acet	3699	2971	3071	866	859	1240	45.08609	46.43765	45.16334	16.3835
protein_co	additional_	118	94	144	27	47	27	0.487749	0.498255	0.718166	0.173224
protein_co	adenylate_(	0	0	0	0	0	7	0	0	0	0
protein_co	meprin_A_l	3	4	0	0	2	0	0.060843	0.104031	0	0
protein_co	solute_carr	0	0	0	0	1	0	0	0	0	0
protein_co	GRB2_asso(	521	379	405	124	147	82	3.473582	3.240323	3.257938	1.283193
protein_co	establishm(	268	212	213	562	426	524	2.632836	2.670756	2.52474	8.569505
protein_co	oxysterol_b	649	583	556	1373	1583	866	7.25426	8.356537	7.498446	23.82042
protein_co	GATA_bind	111	59	62	8	12	22	1.380581	0.941023	0.930419	0.15444
protein_co	growth_reg	64	37	42	6	2	16	0.474986	0.352137	0.376095	0.069117
protein_co	chromoson	270	241	265	97	148	113	5.85583	6.70272	6.934555	3.265329
protein_co	proline_glu	2594	1973	2148	3865	4607	4132	29.63038	28.90039	29.60394	68.52471
protein_co	Niemann-P	1327	1163	1251	509	571	681	12.06575	13.56039	13.72425	7.183424
protein_co	solute_carr	12	8	8	2	1	2	0.141697	0.121138	0.113977	0.036656
protein_co	arrestin_be	217	170	194	1217	1455	927	5.369464	5.39423	5.791899	46.74038
protein_co	solute_carr	1	0	2	28	42	21	0.008748	0	0.02111	0.380193
protein_co	zinc_finger_	0	1	0	7	9	1	0	0.02494	0	0.211306
protein_co	WD_repeat	427	304	355	611	624	656	4.991782	4.557332	5.007306	11.08663
protein_co	misshapen-	1659	1378	1436	1705	2253	1424	14.68023	15.6367	15.33165	23.41754
protein_co	spermidine	681	536	544	529	701	391	20.43001	20.62033	19.69103	24.63245
protein_co	asialoglyco	127	119	101	174	204	71	2.858873	3.435164	2.743219	6.079542
protein_co	phosphoin(	10	3	4	168	179	86	0.104479	0.040194	0.050424	2.724378
protein_co	tumor_pro	2028	1586	1781	2189	2354	2744	35.84356	35.94642	37.98001	60.05088
protein_co	coiled-coil_	193	136	177	174	250	129	2.107539	1.904437	2.33206	2.949158
protein_co	Rho_GDP_(	6525	4891	5262	1923	2569	2470	160.5233	154.2995	156.1911	73.42894
protein_co	transmemb	419	346	350	1504	2007	1016	3.729483	3.949299	3.758813	20.77844
protein_co	solute_carr	888	713	684	1307	1040	799	8.620773	8.876303	8.011935	19.69424
protein_co	caspase_re(	1	2	0	10	23	8	0.010335	0.026506	0	0.160414
protein_co	tweety_hor	105	52	73	123	170	157	1.344838	0.85407	1.12811	2.44521
protein_co	RAB40B_m	168	179	156	65	76	35	2.041338	2.789125	2.287064	1.225884
protein_co	eukaryotic_	1572	1263	1281	2020	2664	2988	20.5152	21.13664	20.17067	40.91712
protein_co	casein_kina	3364	2559	2690	2034	2785	2816	25.88415	25.24978	24.97343	24.29178
protein_co	anaphase_p	1488	1198	1182	1686	2063	1638	32.66496	33.72448	31.30723	57.44698
protein_co	tubulin_fol	2405	1978	1967	4413	5811	4172	27.54531	29.05147	27.18222	78.45072
protein_co	fructosamil	844	649	746	493	631	436	21.40356	21.10559	22.82603	19.40532
protein_co	nuclear_pr(	902	792	768	1443	1461	1129	16.27975	18.33056	16.7244	40.42388
protein_co	regulatory_	1234	961	1088	863	1197	964	9.029694	9.017593	9.605829	9.801649
protein_co	forkhead_b	2657	2028	2151	1393	1588	1269	23.66321	23.16111	23.11375	19.25589
protein_co	tripartite_r	1004	819	815	1255	1614	939	13.68932	14.31995	13.40769	26.55965
protein_co	chromobox	174	155	161	41	49	41	2.152166	2.458485	2.402705	0.78712
protein_co	secreted_ar	13	7	10	13	19	18	0.272738	0.188326	0.253134	0.423328
protein_co	ring_finger_	178	131	127	186	318	158	1.684445	1.589708	1.450068	2.731997
protein_co	5-azacytidi	566	417	491	666	885	650	7.225633	6.826606	7.562911	13.19666
protein_co	zinc_finger_	9	1	4	10	22	20	0.113657	0.016194	0.060949	0.196013
protein_co	WD_repeat	1460	1180	1172	1859	2054	2055	26.46286	27.42681	25.63065	52.29905
protein_co	chromobox	564	405	451	48	70	143	9.927166	9.141354	9.57791	1.311348
protein_co	ring_finger_	4	2	1	209	226	98	0.024692	0.015832	0.007448	2.002498
protein_co	dymeclin	565	471	504	528	578	516	9.80128	10.47767	10.54904	14.2167
protein_co	mitogen-ac	0	5	5	256	311	169	0	0.063029	0.059303	3.906002
protein_co	elaC_homo	36	37	37	21	19	42	0.755275	0.995437	0.936597	0.683837
protein_co	methyl-CpG	1643	1184	1261	846	1074	983	15.70648	14.51451	14.54469	12.55285
protein_co	SMAD_fami	1019	874	941	975	1264	935	5.448846	5.993094	6.071108	8.092178
protein_co	tumor_nec	17	5	4	53	49	73	0.097952	0.036944	0.027808	0.47399
protein_co	zinc_finger_	264	185	235	355	460	254	2.077356	1.866758	2.23112	4.335766
protein_co	F-box_prot	4	7	5	1	6	5	0.058852	0.13207	0.08876	0.022836
protein_co	cerebellin_	2	0	0	0	1	0	0.028112	0	0	0
protein_co	phorbol-12	954	809	816	2314	2949	2174	22.96359	24.97177	23.69898	86.45403
protein_co	leprecan-lil	5041	3844	4021	826	1154	650	84.691	82.81581	81.50846	21.53927
protein_co	5'-nucleoti	987	731	794	873	1034	889	26.76718	25.42214	25.98089	36.7477
protein_co	family_witl	973	872	891	713	872	634	10.99638	12.63755	12.14962	12.50711
protein_co	phosphatid	3207	2652	2787	1546	1958	1746	26.22537	27.81029	27.49842	19.62288
protein_co	v-erb-b2_er	577	472	492	5103	6269	6739	5.487939	5.756849	5.646075	75.33374
protein_co	growth_fac	2	0	0	1162	1357	680	0.04181	0	0	37.70403
protein_co	migration_	213	117	144	212	202	172	4.996285	3.519353	4.075474	7.718518
protein_co	phenyletha	0	0	0	77	112	65	0	0	0	4.472502

protein_co	ADP-ribosy	7	8	8	14	12	0	0.118196	0.173222	0.162983	0.366913
protein_co	SH3_and_c	14	15	16	101	192	97	0.195259	0.268277	0.269247	2.186425
protein_co	insulin-like	3465	2507	2655	2439	3492	1988	73.85178	68.52064	68.27635	80.68633
protein_co	FK506_bin	24391	17997	19197	3168	3602	3654	404.7043	382.9285	384.317	81.58755
protein_co	thioredoxi	1399	1043	1125	877	1095	1227	45.30327	43.31172	43.95542	44.08003
protein_co	calcium_ch	27	27	31	370	447	281	0.150862	0.193459	0.20899	3.208833
protein_co	Uncharacte	89	73	62	116	155	31	1.90819	2.007076	1.603878	3.860291
protein_co	sterile_alpl	1888	1202	1461	2250	3175	1689	40.90959	33.39927	38.19631	75.67216
protein_co	bromodom	3335	2520	2708	2705	3751	3547	26.72218	25.89321	26.18019	33.64138
protein_co	solute_carr	374	271	238	388	539	459	5.964921	5.542576	4.579922	9.604953
protein_co	nuclear_fac	4175	3122	3551	78	137	132	24.26448	23.26788	24.9008	0.703622
protein_co	tubulin_po	350	239	276	66	137	75	5.712324	5.002096	5.435029	1.671934
protein_co	phosphatid	25	14	13	898	1188	924	0.928883	0.66705	0.58279	51.78785
protein_co	PR_domair	492	414	469	303	300	406	3.262145	3.520042	3.751967	3.118252
protein_co	phosphofru	4971	3680	4019	4594	5358	3710	38.80311	36.83663	37.852	55.66013
protein_co	fem-1_hom	2	0	6	2	6	10	0.024396	0	0.088307	0.037867
protein_co	vav_1_guar	3	2	0	27	40	5	0.049795	0.04257	0	0.695595
protein_co	multivesicu	838	701	667	614	769	451	17.73187	19.0212	17.02882	20.16552
protein_co	calcium_ar	0	0	0	0	1	1	0	0	0	0
protein_co	Uncharacte	0	0	0	1	0	0	0	0	0	0.028352
protein_co	SH3-domai	4106	2927	3168	2167	2597	2372	76.52242	69.95227	71.23657	62.68435
protein_co	dihydrouri	402	288	311	414	577	692	8.191998	7.526024	7.646668	13.09467
protein_co	dipeptidyl-	1814	1352	1449	832	1058	1235	19.80407	18.92794	19.08682	14.09844
protein_co	coiled-coil_	1053	849	899	703	950	917	14.86309	15.36731	15.31047	15.40163
protein_co	transmemb	84	44	73	29	40	25	2.137147	1.435546	2.240918	1.145206
protein_co	ZFP14_zinc	115	106	111	171	156	94	0.949024	1.121746	1.105224	2.190311
protein_co	sirtuin_3	464	356	347	386	387	241	8.282059	8.148537	7.473049	10.69395
protein_co	interferon_	3055	2355	2493	4878	5236	4497	177.2884	175.2545	174.5578	439.381
protein_co	ATH1_acid_	421	366	367	604	904	510	4.468243	4.981328	4.699685	9.949977
protein_co	hormonally	199	145	150	309	415	296	1.263522	1.180612	1.14913	3.045221
protein_co	collagen_ty	109747	85304	89831	9764	12737	8588	1214.261	1210.314	1199.206	167.6786
protein_co	interferon_	657	536	568	148	173	202	5.018202	5.249971	5.234547	1.754587
protein_co	superoxide	2124	1689	1680	1790	1723	1616	57.04146	58.1668	54.43691	74.61389
protein_co	collagen_ty	93423	72113	76209	3001	3971	2388	1265.705	1252.858	1245.756	63.10667
protein_co	salt-inducil	186	174	155	308	385	281	1.850922	2.220413	1.861036	4.757254
protein_co	DNA_(cytos	2	0	0	2	6	0	0.054971	0	0	0.085322
protein_co	transient_r	1	0	1	8	8	3	0.007537	0	0.009094	0.093592
protein_co	SCY1-like_1	2678	1960	2159	1156	1593	1052	46.251	43.40862	44.98951	30.98838
protein_co	transmemb	486	425	421	150	178	119	7.442374	8.345906	7.77867	3.565307
protein_co	amyloid_be	19322	15128	15697	16273	16387	14416	253.2166	254.2324	248.2017	331.0077
protein_co	dopey_fam	473	386	420	334	431	232	2.886009	3.020182	3.09196	3.163104
protein_co	URB1_ribos	1549	1234	1278	1323	1745	1818	6.705376	6.850089	6.67499	8.889187
protein_co	v-akt_muri	5219	3988	4281	2483	2950	1991	29.14709	28.56094	28.84704	21.52361
protein_co	interleukin	1	0	0	0	0	0	0.031833	0	0	0
protein_co	epithelial_r	2367	1852	1933	50	48	33	126.6994	127.1237	124.8407	4.154098
protein_co	SUMO1_act	4499	3507	3705	4773	5423	5398	91.4823	91.44631	90.89863	150.6409
protein_co	netrin_5	9	7	3	0	2	0	0.173953	0.173499	0.069961	0
protein_co	lemur_tyro	31	31	36	372	543	246	0.284293	0.364566	0.398341	5.295147
protein_co	gem_(nucle	85	77	77	169	187	219	2.405342	2.794203	2.629037	7.422925
protein_co	Cbl_proto-	1	0	0	385	477	165	0.029696	0	0	17.74555
protein_co	Wilms_tum	1723	1131	1284	692	958	653	10.47336	8.816023	9.417027	6.52886
protein_co	ADAM_met	727	485	590	180	256	306	8.058875	6.894315	7.891146	3.097013
protein_co	solute_carr	0	0	0	23	26	20	0	0	0	0.425721
protein_co	arginyl_am	1534	1182	1172	478	625	344	18.23765	18.02064	16.81199	8.820676
protein_co	calpain_10	872	638	682	745	1055	669	9.280094	8.706947	8.757262	12.30616
protein_co	myosin_IF	13	10	9	64	100	29	0.141662	0.139739	0.118331	1.082479
processed_	endogenou	157	112	141	84	130	139	1.892963	1.731689	2.051208	1.571999
protein_co	NLR_family	3	1	1	120	150	176	0.037009	0.015819	0.014884	2.297705
protein_co	calcium_ch	4	1	2	277	440	274	0.021443	0.006874	0.012936	2.304791
protein_co	zinc_finger	837	502	596	1464	2414	1629	20.3563	15.6562	17.48911	55.26433
protein_co	chromosor	516	426	411	453	623	420	16.97912	17.97564	16.31757	23.13632
protein_co	fibrillin_3	0	0	0	1779	2453	1975	0	0	0	13.82987
protein_co	coactivator	3528	2595	2690	4687	6186	4412	54.56068	51.46333	50.19397	112.5062
protein_co	ecotropic_	941	752	729	312	489	216	11.44579	11.7296	10.69871	5.89035
protein_co	solute_carr	3	1	0	17	26	21	0.042887	0.018332	0	0.377212

protein_co	proteasom	2513	1911	1924	2412	2770	2388	139.6145	136.147	128.9707	207.9916
protein_co	G_protein-	0	0	0	0	1	0	0	0	0	0
protein_co	sialic_acid_	2	1	0	23	39	24	0.030164	0.019341	0	0.538416
protein_co	acid_phosp	10	9	6	8	11	13	0.348107	0.401758	0.252007	0.432248
protein_co	kallikrein-r	0	0	0	1	0	0	0	0	0	0.026936
protein_co	zinc_finger_	222	164	176	129	152	131	2.156086	2.04252	2.062404	1.944614
protein_co	family_witl	7	10	5	112	199	81	0.25623	0.469397	0.220826	6.363261
protein_co	ribosomal_	19115	14804	15366	20731	20665	17657	791.088	785.6677	767.2897	1331.684
protein_co	parathyroi	0	3	2	1	4	1	0	0.393005	0.246516	0.158562
protein_co	ribosomal_	22830	17750	18492	36729	40938	30751	463.0186	461.6366	452.5062	1156.198
protein_co	cytosolic_t	257	173	218	308	466	330	5.77419	4.984406	5.90966	10.74086
protein_co	nitric_oxid	1599	1123	1265	1373	1736	1439	28.67195	25.82247	27.36827	38.21287
protein_co	IgLON_fami	1	0	0	1222	1466	1132	0.017993	0	0	34.12775
protein_co	reticulocal	6296	4515	4743	434	541	194	158.8056	146.0387	144.3451	16.99109
protein_co	zinc_finger_	185	170	158	235	260	422	1.800468	2.121641	1.85532	3.549866
protein_co	solute_carr	0	0	1	0	3	2	0	0	0.013584	0
protein_co	arginine-glu	4213	3018	3457	3229	4126	3644	24.61346	22.61048	24.36849	29.28059
protein_co	membrane_	0	0	0	10	13	2	0	0	0	0.250792
protein_co	chromosor	0	0	0	2	4	0	0	0	0	0.030904
protein_co	PR_domair	828	670	673	51	84	15	4.45189	4.619535	4.365935	0.425613
protein_co	chymotryp	0	0	0	0	1	0	0	0	0	0
protein_co	peptidyl_ar	0	0	1	22	58	10	0	0	0.017741	0.502087
protein_co	forkhead-as	22	8	20	16	23	16	0.202668	0.094507	0.222301	0.228777
protein_co	peptidyl_ar	2	2	1	0	5	3	0.024384	0.031269	0.01471	0
protein_co	EPH_recept	5266	3968	4210	1222	1443	948	62.29133	60.19047	60.0865	22.43615
protein_co	Rho_guanir	247	161	186	1780	2380	1679	3.823649	3.19607	3.474098	42.76925
protein_co	EF-hand_dc	2072	1621	1717	983	1313	1108	40.16375	40.29367	40.15715	29.57526
protein_co	peroxisoma	592	414	437	728	860	475	13.98433	12.54092	12.45516	26.69204
protein_co	phosphogl	7695	6082	6564	5724	6243	6643	184.1851	186.6817	189.5669	212.6552
protein_co	myomesin_	5	9	4	3	6	2	0.04036	0.09316	0.038957	0.037586
protein_co	SH3_domai	4421	3287	3499	625	666	436	125.2573	119.424	119.6119	27.48482
protein_co	connector_	8	7	6	286	361	237	0.140337	0.157467	0.126993	7.787139
protein_co	ribosomal_	8192	6312	6440	11308	12058	11130	386.4417	381.8303	366.5455	827.9618
protein_co	interleukin	0	0	0	5	3	3	0	0	0	0.130057
protein_co	zinc_finger_	1	0	0	1	2	0	0.024875	0	0	0.03861
protein_co	chromosor	809	630	686	198	289	262	11.78807	11.77184	12.06053	4.478061
protein_co	KIAA0319-l	997	791	867	1759	1951	1579	9.761818	9.931649	10.24242	26.73203
protein_co	eva-1_hom	543	392	411	245	449	132	24.15681	22.36326	22.06123	16.91751
protein_co	chromosor	5	10	6	58	53	78	0.102514	0.26292	0.148427	1.845749
protein_co	DMRT-like_	1	0	0	1	1	4	0.014947	0	0	0.0232
protein_co	polo-like_k	420	359	367	514	532	696	5.12726	5.620046	5.405678	9.739343
protein_co	mitogen-ac	1017	849	888	329	403	182	11.06687	11.84734	11.6591	5.55687
protein_co	ficolin_(col	5	1	2	12	11	2	0.227621	0.058378	0.109855	0.84792
protein_co	GPN-loop_(	599	454	515	491	554	597	18.3696	17.85411	19.05584	23.37141
protein_co	synaptotag	185	140	181	190	222	84	3.235604	3.139937	3.819532	5.157837
protein_co	WD_and_te	1179	1059	1014	955	1155	740	10.73671	12.36696	11.1415	13.49868
protein_co	neuroblast	216	225	235	239	271	117	2.301351	3.07412	3.02096	3.952368
protein_co	heparan_su	14571	9855	11140	4182	6042	3028	47.68859	41.36101	43.99045	21.24416
protein_co	integrin_be	228	211	187	288	350	334	8.319785	9.873453	8.233167	16.31174
protein_co	SERPINE1_r	7440	5944	6550	13478	14304	14120	52.2561	53.53677	55.50772	146.9332
protein_co	B-cell_CLL/	343	282	271	157	244	224	5.705312	6.015113	5.438795	4.053362
protein_co	cysteine-ric	3541	2591	2961	549	651	353	72.50548	68.03332	73.15287	17.44808
protein_co	protein_kir	578	450	486	259	287	319	6.005413	5.995659	6.092554	4.176816
protein_co	phosphatid	423	323	325	210	226	254	4.315596	4.225832	4.000661	3.325448
protein_co	tubulointe	1	0	0	181	202	90	0.009853	0	0	2.768049
protein_co	arginine_de	481	408	437	20	24	9	3.85672	4.195102	4.227684	0.248905
protein_co	ribosomal_	11563	9194	9519	13763	14938	12885	486.2684	495.8147	482.9975	898.3573
protein_co	kinesin_fan	1172	992	1023	2193	2218	1539	18.59733	20.1857	19.58604	54.01222
protein_co	protein_tyr	4500	3477	3919	11806	13515	9345	27.3075	27.05724	28.69411	111.1995
protein_co	bestrophin	9	4	8	45	60	27	0.20616	0.117498	0.221106	1.599947
protein_co	MOB_kinas	294	245	186	50	42	26	2.407976	2.57324	1.838086	0.635631
protein_co	cytochrom	0	0	0	1	1	1	0	0	0	0.033524
protein_co	transmemb	0	0	1	2	3	0	0	0	0.051573	0.132689
protein_co	DMRT-like_	0	0	0	4	1	0	0	0	0	0.152418
protein_co	LIM_domai	1651	1234	1333	1931	2648	1909	21.58222	20.68586	21.02457	39.17976

protein_co	synaptophy	0	0	0	80	87	70	0	0	0	1.606618
protein_co	BarH-like_h	0	0	0	0	0	1	0	0	0	0
protein_co	metal_resp	846	768	791	1601	1731	1462	9.616716	11.19507	10.84878	28.24738
protein_co	solute_carr	86	54	50	45	72	47	1.688669	1.359719	1.184579	1.371479
protein_co	immunoglo	1286	930	1051	1477	1843	1203	8.312733	7.708948	8.196975	14.81883
protein_co	zinc_finger_	623	543	578	507	658	570	5.794977	6.476985	6.486936	7.319849
protein_co	CTTNBP2_N	665	512	550	322	301	315	5.28775	5.220698	5.276671	3.974071
protein_co	striatin_int	187	126	153	74	116	97	2.607325	2.252856	2.573908	1.601459
protein_co	potassium_	0	0	0	0	0	2	0	0	0	0
protein_co	proteasom	1801	1455	1421	1480	1508	1923	22.64653	23.46175	21.55908	28.88552
protein_co	fibronectin	1	0	0	0	0	2	0.014073	0	0	0
protein_co	chromosor	5	11	5	12	7	8	0.101581	0.28658	0.122564	0.378405
protein_co	CD53_mole	5	4	4	13	6	17	0.155781	0.159813	0.150367	0.628663
protein_co	prokinetici	0	0	0	1	0	0	0	0	0	0.054394
protein_co	cadherin_E	1094	787	829	979	1418	1071	4.869725	4.492325	4.452354	6.763948
protein_co	integrin_al	3291	2577	2656	3	8	3	29.28735	29.40871	28.51861	0.041438
protein_co	gap_junctio	0	0	0	0	2	8	0	0	0	0
protein_co	G_protein-	1272	969	1122	341	451	248	22.28853	21.77346	23.72112	9.274257
protein_co	aldehyde_d	855	715	740	1134	1158	1220	14.87054	15.94689	15.52888	30.61287
protein_co	ATPase_Na-	1006	772	798	646	949	821	18.08718	17.79916	17.31106	18.02751
protein_co	TIP41_TOR_	708	570	503	291	347	232	20.36695	21.02698	17.45858	12.9932
protein_co	NME/NM23	240	166	177	131	112	130	2.618335	2.32237	2.329889	2.218277
protein_co	pogo_trans	1372	1024	1153	901	1170	1054	10.28671	9.845365	10.43037	10.48523
protein_co	mitochond	204	170	124	166	187	138	4.39392	4.695482	3.222491	5.549585
protein_co	cellular_rep	466	352	303	310	403	304	11.06927	10.72223	8.684082	11.42945
protein_co	DDB1_and_	893	745	716	216	244	213	12.50307	13.37614	12.09557	4.694069
protein_co	glycoprotei	12	7	8	3	3	2	0.200814	0.150217	0.161529	0.077923
protein_co	retinoid_X_	0	0	0	0	1	1	0	0	0	0
protein_co	T-box_19	47	41	61	13	19	9	0.780946	0.873608	1.222929	0.335272
protein_co	uridine-cyt	1255	986	1081	1626	1904	1740	12.60376	12.69822	13.09876	25.34589
protein_co	transmemb	886	703	721	388	522	760	18.68011	19.00686	18.34125	12.6972
protein_co	chemokine	3	0	0	6	6	8	0.102904	0	0	0.319443
protein_co	chemokine	0	0	0	0	0	3	0	0	0	0
protein_co	POU_class_	489	396	451	2209	2499	2404	1.599862	1.661415	1.78032	11.2176
protein_co	maelstrom_	1	3	1	1	1	1	0.019911	0.076598	0.024024	0.030904
protein_co	immunoglo	82	63	52	1	2	3	1.494938	1.472853	1.143828	0.028297
protein_co	dermatopo	22	12	13	0	0	0	0.577593	0.404008	0.411804	0
protein_co	microsoma	850	798	764	767	845	805	16.22822	19.53729	17.59922	22.72887
protein_co	adenylate_	2	3	2	2	1	4	0.018552	0.035685	0.022384	0.028795
protein_co	ring_finger_	824	680	656	676	838	689	12.739	13.48113	12.23657	16.22128
protein_co	poliovirus_	0	2	0	4	6	1	0	0.03434	0	0.083129
protein_co	ubiquitin-f	895	723	661	507	427	479	37.67196	39.02499	33.56949	33.1233
protein_co	protoporph	281	233	211	392	513	295	5.332293	5.669867	4.831012	11.5458
protein_co	Fc_fragmen	6	6	1	6	2	1	0.116642	0.149577	0.023456	0.181044
protein_co	NUF2_NDC	432	344	340	491	414	436	10.2877	10.50515	9.769259	18.14875
protein_co	regulator_c	319	227	247	41	39	94	2.551674	2.328465	2.383854	0.509036
protein_co	succinate_c	1328	1031	1064	856	911	1041	43.85207	43.65762	42.39179	43.87289
protein_co	prefoldin_s	1862	1495	1490	879	1133	815	128.9649	132.7829	124.5163	94.49549
protein_co	nuclear_rec	4	9	4	35	51	19	0.127332	0.367392	0.153633	1.729323
protein_co	ubiquitin_s	627	474	503	463	579	360	11.69453	11.33712	11.3196	13.40376
protein_co	coagulation	0	0	0	0	0	1	0	0	0	0
protein_co	papillary_r	1909	1425	1486	1816	2261	2298	42.56445	40.74416	39.9768	62.84742
protein_co	Fc_recepto	0	0	0	0	1	5	0	0	0	0
protein_co	ribosomal_	168	144	166	429	507	299	3.494908	3.841478	4.166608	13.85206
protein_co	mitochond	680	531	538	283	356	267	32.20728	32.25144	30.74507	20.80473
protein_co	phosphatid	371	278	282	145	211	287	4.025034	3.867673	3.691414	2.44171
protein_co	calsequestr	2	2	2	6	15	16	0.047945	0.061482	0.057848	0.223251
protein_co	interferon_	859	657	683	723	856	1106	12.19453	11.96042	11.69878	15.93091
protein_co	cellular_ret	3143	2290	2449	1919	1854	1411	148.5638	138.8077	139.6708	140.7908
protein_co	hepatoma-	6229	4808	5192	7332	8729	7801	122.7218	121.4723	123.4202	224.2107
protein_co	v-abl_Abels	1981	1692	1879	548	721	472	7.648973	8.377768	8.753736	3.284201
protein_co	xenotropic	818	638	748	940	1124	896	4.52632	4.527119	4.99392	8.073285
protein_co	regulator_c	3695	3056	3155	170	208	438	71.38797	75.7135	73.54583	5.097885
protein_co	torsin_A_ir	943	732	794	276	269	387	14.52605	14.4596	14.75721	6.598957
protein_co	family_witl	0	1	0	2	4	4	0	0.02067	0	0.050038

protein_co	hemicentin	3034	2334	2722	508	569	545	7.813286	7.707763	8.45774	2.030544
protein_co	ral_guanine	400	353	352	36	34	78	3.668298	4.151343	3.894891	0.512434
protein_co	lysophosph	74	49	67	89	102	60	1.599752	1.358396	1.747607	2.986354
protein_co	LIM_homeo	2208	1599	1722	0	3	3	13.96643	12.97013	13.14219	0
protein_co	prune_exop	247	184	191	533	585	417	3.864476	3.691652	3.605579	12.94349
protein_co	RAR-relatec	2	0	1	6	4	2	0.022647	0	0.013662	0.105453
protein_co	tuftelin_1	329	274	271	145	183	189	4.958796	5.295906	4.928307	3.39218
protein_co	splicing_fa	1565	1135	1265	1425	1534	1846	35.19562	32.73253	34.32519	49.74159
protein_co	extracellula	2865	2235	2333	7	11	18	43.81601	43.83239	43.04979	0.166164
protein_co	zinc_finger_	813	641	723	1724	2239	1565	7.088431	7.166828	7.605818	23.33068
protein_co	threonyl-tR	566	419	404	851	1013	689	9.725082	9.232094	8.375414	22.69535
protein_co	cingulin	14	8	14	2571	3323	2619	0.128945	0.094488	0.15558	36.75444
protein_co	sorting_nex	1228	944	1073	1345	1520	1189	8.000687	7.886971	8.434836	13.60134
protein_co	SET_domai	589	501	505	647	662	561	6.224526	6.789504	6.439177	10.6127
protein_co	ADAMTS-lik	59	49	60	119	173	92	0.659164	0.702016	0.808799	2.063568
protein_co	myeloid_ce	5292	4199	4417	5638	6533	6703	63.10833	64.21287	63.55392	104.3572
protein_co	cathepsin_	311	202	269	171	184	175	8.618673	7.178616	8.994569	7.355405
protein_co	regulatory_	802	579	628	845	1030	701	10.51616	9.735781	9.935519	17.19769
protein_co	phosphatic	1424	1161	1191	599	682	658	16.76409	17.52716	16.91725	10.94529
protein_co	phosphatic	2108	1619	1833	1197	1414	1229	26.23949	25.84288	27.52931	23.12647
protein_co	acidic_(leu	2407	1970	2155	2231	2512	3185	32.68586	34.30515	35.30849	47.02338
protein_co	family_with	221	233	216	318	300	160	3.678628	4.973462	4.338058	8.215824
protein_co	annexin_A9	61	71	48	105	136	73	1.566424	2.338015	1.487198	4.185038
protein_co	selenium_b	166	112	92	247	315	243	2.740755	2.371316	1.832728	6.329793
protein_co	ceramide_s	1320	1038	1030	1582	1962	1412	24.70851	24.91606	23.26258	45.96313
protein_co	endosulfine	1936	1437	1532	2976	3232	3670	32.21401	30.66236	30.75716	76.86043
pseudogen	-	479	358	408	21	30	17	20.34449	19.49861	20.90834	1.384398
protein_co	sema_dom	342	259	298	632	923	407	3.047584	2.959638	3.20401	8.741322
protein_co	mitochond	421	344	386	448	443	393	15.23202	15.96038	16.85042	25.15845
protein_co	aryl_hydro	1012	832	878	718	748	475	9.709985	10.23695	10.16437	10.69284
protein_co	pogo_trans	1807	1587	1579	1407	1603	1232	12.78754	14.40175	13.48215	15.45445
protein_co	chromosor	73	71	57	76	115	64	1.633097	2.036839	1.538551	2.638962
protein_co	ornithine_(	1	4	4	6	11	3	0.012372	0.063462	0.05971	0.115219
protein_co	golgi_phos	356	334	315	537	580	444	5.566137	6.696683	5.942409	13.03193
protein_co	GA_binding	203	168	156	43	64	40	1.061878	1.126931	0.98458	0.349122
protein_co	inhibitor_c	378	322	282	83	84	122	5.421972	5.922849	4.880481	1.847881
protein_co	synaptotag	210	158	187	78	79	90	1.89765	1.830894	2.038855	1.094011
protein_co	potassium_	46	29	41	1	2	0	0.695339	0.562142	0.747774	0.023462
protein_co	denticleles	632	445	541	815	924	1225	6.480317	5.851248	6.693057	12.97082
protein_co	dual-specif	376	307	350	74	63	64	7.57005	7.926083	8.502115	2.312454
protein_co	eukaryotic_	835	639	702	623	646	638	18.69779	18.34906	18.96657	21.65321
protein_co	integrator_	373	280	302	232	256	396	3.932983	3.786	3.842096	3.796922
protein_co	vasohibin_	516	417	447	3821	4917	3384	5.728042	5.936109	5.987039	65.83608
protein_co	TATA_box_	98	79	79	85	84	102	2.404616	2.485742	2.338809	3.237197
protein_co	SET_and_M	503	446	472	90	117	232	4.984294	5.667348	5.643203	1.384231
protein_co	sushi_dom	118	98	102	21	48	23	1.589949	1.69331	1.658248	0.439188
protein_co	dual_specif	91	68	68	9	24	39	1.594541	1.527962	1.437644	0.244775
protein_co	HHIP-like_2	2	1	5	0	2	0	0.036419	0.023351	0.109855	0
protein_co	tumor_pro	1083	851	883	903	981	899	10.71122	10.79318	10.53705	13.86209
protein_co	ATPase_am	3026	2231	2572	1100	1255	1236	24.20904	22.88851	24.8272	13.65941
protein_co	ADAM_met	1546	1169	1321	706	829	481	16.08074	15.59266	16.57858	11.39808
protein_co	jumping_tr	1475	1121	1156	920	1212	1218	53.73953	52.37413	50.81685	52.02597
protein_co	RAB13_me	4527	3769	3782	1480	1630	1621	99.98639	106.7495	100.7859	50.73674
protein_co	S100_calci	22	24	29	0	0	0	1.438745	2.012713	2.28827	0
protein_co	tropomyos	11613	9337	9502	7795	8969	10126	134.7522	138.9339	133.0315	140.3906
protein_co	nucleopori	5	5	4	4	7	16	0.039812	0.051053	0.038428	0.049434
protein_co	SNAP-assoc	563	396	425	280	388	311	21.90795	19.7605	19.95402	16.91149
protein_co	solute_carr	465	338	399	906	1118	821	4.840999	4.512405	5.011906	14.63999
protein_co	ubiquitin_a	4927	4050	4127	3104	3588	4146	57.93057	61.06461	58.54742	56.64707
protein_co	solute_carr	2635	1998	2099	3204	3778	3829	45.37466	44.12021	43.61072	85.63587
protein_co	HCLS1_assc	1057	739	813	951	1126	855	38.60027	34.60741	35.82234	53.90467
protein_co	cAMP_resp	106	81	75	453	612	439	2.836953	2.779973	2.421897	18.81807
protein_co	ephrin-A3	21	16	22	107	124	56	0.552576	0.539886	0.698463	4.370055
protein_co	aquaporin_	0	0	1	0	0	0	0	0	0.025011	0
protein_co	potassium_	71	45	52	41	34	16	1.123967	0.913518	0.993223	1.007418

protein_co	chromoson	2276	1762	1838	2221	2396	1681	62.48342	62.03086	60.8816	94.63931
protein_co	GATA_zinc_	1034	868	920	612	832	449	6.483589	6.979495	6.960346	5.956304
protein_co	interleukin	5052	3935	4160	5105	5154	6203	142.7899	142.6225	141.865	223.9547
protein_co	Ras-like_wi	767	511	629	314	397	268	10.43966	8.919108	10.32975	6.633631
protein_co	integrator_	1506	1231	1315	1229	1490	1368	12.30036	12.89319	12.95886	15.58028
protein_co	pyruvate_k	0	0	1	14	32	11	0	0	0.022822	0.411019
protein_co	hyperpolar	138	93	116	89	111	79	1.740404	1.504054	1.765131	1.742174
protein_co	filaggrin	0	0	0	0	4	3	0	0	0	0
protein_co	actin_alpha	2	1	0	3	7	18	0.062897	0.040329	0	0.146438
protein_co	chromoson	205	186	155	140	163	148	3.617785	4.209312	3.300415	3.834841
protein_co	UDP-N-acet	7281	5361	5895	1738	2235	1645	76.6516	72.37446	74.87934	28.39948
protein_co	tetratricop	333	233	271	79	110	131	4.799993	4.306868	4.713176	1.767477
protein_co	saccharopi	742	622	649	253	243	290	13.90028	14.94236	14.6694	7.356488
protein_co	lysosomal_	242	203	196	9	11	9	0.841794	0.905515	0.822611	0.048592
protein_co	Mitogen-ac	76	66	69	740	940	472	0.613469	0.683176	0.672011	9.271312
protein_co	centrosom	5906	4841	5233	698	606	596	40.55835	42.63157	43.35964	7.439997
protein_co	acid_phosp	1363	1112	1157	1462	1661	1668	41.17983	43.08269	42.17646	68.55932
protein_co	synaptoson	753	680	696	685	893	668	14.69338	17.01551	16.38641	20.74663
protein_co	signal_reco	3465	2800	2905	3775	4241	4350	101.8007	105.4909	102.9773	172.1452
protein_co	nuclear_VC	350	286	308	377	398	658	5.255045	5.506603	5.579653	8.785778
protein_co	SDE2_telon	708	522	577	415	510	703	8.351731	7.89629	8.212344	7.598394
protein_co	delta(4)-des	1345	1046	1095	320	453	423	30.01765	29.93611	29.48604	11.08498
protein_co	F-box_prot	578	413	475	494	623	638	4.972011	4.555789	4.929988	6.595711
protein_co	ADP-ribosy	11607	8844	9431	5528	6446	4931	271.3123	265.0987	265.9838	200.5617
protein_co	left-right_d	0	1	0	53	56	225	0	0.026292	0	1.686633
protein_co	cornichon_	756	564	622	782	981	867	8.593661	8.221383	8.5309	13.79729
protein_co	inositol-tris	1456	1151	1267	843	1091	376	11.10112	11.25356	11.65547	9.976158
protein_co	guanylate_l	3500	2677	2785	1337	1445	1197	64.3841	63.14926	61.81357	38.17442
protein_co	CDC42_bin	1997	1665	1691	536	679	591	8.626381	9.223041	8.813374	3.593733
protein_co	cornichon_	1508	1264	1339	97	131	98	27.64275	29.7123	29.61478	2.759828
protein_co	chromoson	572	461	479	626	876	693	7.546733	7.799616	7.625117	12.8194
protein_co	membrane_	1046	911	985	316	358	216	6.327823	7.067249	7.189636	2.967155
protein_co	poly_(ADP-	4027	3280	3435	12206	13799	13092	47.70745	49.82964	49.09976	224.4442
protein_co	presenilin_	110	82	104	264	341	327	2.092455	2.000261	2.386958	7.794672
protein_co	pyrroline-5	165	132	145	187	240	339	2.456924	2.520525	2.605096	4.321951
protein_co	lamin_B_re	1293	1009	1047	1159	1302	1722	16.06486	16.07604	15.69543	22.35077
protein_co	wingless-ty	157	135	137	74	102	39	1.853874	2.044201	1.951862	1.356259
protein_co	epoxide_hy	541	446	444	888	1113	964	14.2835	15.10016	14.14388	36.3899
protein_co	SRY_(sex_d	9	10	10	3333	3920	2629	0.117913	0.168007	0.158076	67.77733
protein_co	ethanolami	100	67	66	329	471	211	1.886163	1.620554	1.502005	9.63176
protein_co	protein_tyr	47	57	47	268	248	70	0.342529	0.532701	0.413281	3.031549
protein_co	pleckstrin_	1	1	2	602	703	516	0.00921	0.011811	0.022226	8.606058
protein_co	protein_tyr	12	10	8	17	5	1	0.14945	0.159707	0.120214	0.328621
protein_co	synaptotag	4	3	3	509	726	710	0.024634	0.023692	0.022291	4.865369
protein_co	ADP-ribosy	862	636	704	694	915	373	22.54277	21.32881	22.2137	28.17021
protein_co	odd-skippe	2	0	1	0	0	2	0.022462	0	0.013551	0
protein_co	growth_dif	70	45	56	34	75	14	0.788636	0.65013	0.761227	0.594549
protein_co	protein_dis	7476	5785	6174	4244	4650	4850	130.7046	129.6983	130.2376	115.1668
protein_co	ras_homol	3087	2083	2435	451	516	462	61.17899	52.9376	58.22542	13.87307
protein_co	ATPase_H+_	32	28	21	25	24	22	0.483714	0.542758	0.383006	0.586555
protein_co	heterogene	1016	772	926	857	958	933	11.41631	11.12394	12.55426	14.94663
protein_co	galactose_r	173	122	155	309	361	299	3.26569	2.953235	3.530275	9.053526
protein_co	calmodulin	80	51	56	192	234	181	2.509165	2.051251	2.119216	9.346971
protein_co	ATP-bindin	0	0	0	1	0	0	0	0	0	0.027309
protein_co	echinoderm	1413	1136	1194	1448	1682	1507	11.9401	12.30987	12.17357	18.99174
protein_co	calmodulin	5565	4567	4509	3527	3729	4399	57.96156	60.99795	56.66347	57.01785
protein_co	ChaC_catio	59	35	38	67	92	111	2.094255	1.593144	1.627456	3.69133
protein_co	ribosomal_	6067	4881	4797	9658	9761	10474	245.4545	253.23	234.1611	606.4774
protein_co	WD_repeat	138	86	99	57	49	62	1.196528	0.956206	1.035683	0.767095
protein_co	vacuolar_p	509	430	469	268	327	206	6.640795	7.19416	7.382836	5.427097
protein_co	additional_	976	857	810	575	789	707	5.117372	5.762187	5.124249	4.679457
protein_co	Ewing_tum	298	241	231	416	327	295	4.088129	4.239696	3.823564	8.857928
protein_co	small_nucl	1130	962	966	1287	1473	1433	48.47733	52.92302	50.00177	85.69772
protein_co	abhydrolas	1	1	0	1	2	4	0.033493	0.04295	0	0.051986
protein_co	Meis_home	206	194	178	16	20	40	1.889913	2.282368	1.970346	0.227837

pseudogen	tripartite_r	2	0	1	0	3	2	0.056223	0	0.033918	0
protein_co	tripartite_r	6	0	3	0	0	0	0.167265	0	0.100908	0
protein_co	cytosolic_i	1638	1244	1273	1119	1313	1108	21.40631	20.84768	20.07264	22.69805
protein_co	zinc_finger_	294	295	268	208	277	122	2.464807	3.171516	2.710931	2.706633
protein_co	small_nucl	7299	5791	6263	8346	8657	7886	47.76696	48.59897	49.45323	84.77603
protein_co	mitochond	835	703	769	1082	1106	1042	10.63945	11.48675	11.82244	21.39884
protein_co	ankyrin_rep	17	17	15	8	15	5	0.365321	0.468472	0.388924	0.266837
protein_co	TP53RK_bi	337	273	305	277	312	349	19.29418	20.04327	21.06902	24.61539
protein_co	N-acetyltra	0	1	0	0	0	0	0	0.063495	0	0
protein_co	exocyst_co	596	476	497	682	766	640	4.72228	4.836395	4.751272	8.387263
protein_co	sideroflexir	716	532	610	406	561	525	8.109481	7.726824	8.336004	7.137343
protein_co	testis_expr	1252	920	1004	294	301	592	16.40299	15.45667	15.87086	5.978559
protein_co	DEAQ_box_	1	1	3	11	10	7	0.017438	0.022361	0.063119	0.297723
protein_co	dual_specif	343	298	290	167	196	249	7.39461	8.238473	7.543401	5.58815
protein_co	ST6_beta-g	4021	3151	3603	689	758	615	25.91681	26.04385	28.01946	6.892822
protein_co	nephronop	90	79	79	32	51	45	0.421757	0.474741	0.446678	0.232756
protein_co	mal_T-cell_	23	27	23	11	18	9	0.352326	0.530384	0.425102	0.261541
protein_co	threonine_	27	26	21	90	114	45	0.346953	0.428439	0.325592	1.795062
protein_co	v-ral_simia	1801	1400	1562	396	492	363	36.0277	35.9137	37.70091	12.29556
protein_co	complemer	1	2	1	57	82	47	0.022952	0.058864	0.027692	2.030567
protein_co	transmemb	158	93	134	364	500	339	4.262729	3.217532	4.361978	15.24272
protein_co	5'-nucleoti	1	0	0	0	1	0	0.019154	0	0	0
protein_co	RAB_memb	171	166	163	77	88	66	2.761086	3.437172	3.175553	1.929767
protein_co	solute_carr	5521	4708	4724	530	679	1429	76.569	83.72999	79.04841	11.40884
pseudogen	-	0	1	0	0	0	0	0	0.175306	0	0
protein_co	fibulin_7	26	17	18	4	9	8	0.265146	0.222315	0.221479	0.063314
pseudogen	-	10	0	2	5	12	10	0.610547	0	0.147332	0.473827
protein_co	zinc_finger_	63	47	46	66	73	88	1.629383	1.558798	1.435451	2.649458
protein_co	lipoyltrans	17	18	31	31	55	39	0.516611	0.701449	1.136643	1.4622
pseudogen	tripartite_r	0	0	0	0	0	1	0	0	0	0
protein_co	cyclic_nucl	1	1	0	0	0	2	0.012208	0.015655	0	0
protein_co	fumarylace	223	227	173	519	559	363	7.533483	9.833908	7.051558	27.21377
protein_co	lysozyme_G	14	14	9	7	11	6	0.632428	0.810999	0.490539	0.490808
protein_co	AF4/FMR2_	4956	3922	4378	51	46	47	28.56631	28.98944	30.44715	0.456272
protein_co	UBX_doma	2687	2255	2336	1383	1559	1419	31.45119	33.8474	32.99061	25.12593
protein_co	neurexophi	9	11	13	6	4	22	0.40115	0.628734	0.699127	0.415094
protein_co	speckle-typ	360	293	332	128	146	120	2.801727	2.924154	3.117522	1.546193
protein_co	thrombosp	0	0	0	49	51	34	0	0	0	0.583572
protein_co	G_protein-	4	11	4	0	2	1	0.072194	0.254591	0.087106	0
protein_co	polymerase	693	531	556	777	1012	798	13.96424	13.72107	13.51783	24.30164
protein_co	AMMECR1-	920	710	763	481	582	522	9.261231	9.16534	9.267306	7.515475
protein_co	UDP-N-acet	14	10	11	190	229	182	0.11858	0.108616	0.112415	2.497862
protein_co	plakophilin	834	607	651	1307	1414	1312	6.769305	6.317948	6.375394	16.46585
protein_co	sodium_ch	2	0	0	9	7	11	0.011531	0	0	0.080538
protein_co	solute_carr	0	0	0	4	5	5	0	0	0	0.050984
protein_co	secernin_3	227	194	184	78	111	75	3.504786	3.841021	3.427689	1.869221
protein_co	KIAA1715	584	517	491	148	167	181	3.598393	4.085033	3.650272	1.415428
protein_co	zinc_finger_	9	6	4	23	37	33	0.128349	0.109726	0.068827	0.509104
protein_co	transmemb	292	193	201	7	14	24	4.07012	3.449777	3.380403	0.151444
protein_co	cell_divisio	466	380	421	1213	1444	1553	6.879958	7.194371	7.499461	27.79657
protein_co	distal-less_	3293	2309	2573	0	1	6	58.48819	52.5908	55.13969	0
protein_co	ubiquitin_p	740	637	698	286	342	296	4.334617	4.784844	4.93313	2.600253
protein_co	phosphatas	4	1	12	20	35	17	0.16672	0.053449	0.603472	1.293863
protein_co	GULP_engu	210	183	194	682	608	894	1.325825	1.481588	1.477804	6.683159
protein_co	family_with	330	232	246	434	419	253	2.659169	2.397338	2.391747	5.428155
protein_co	heat_shock	5667	4750	5123	15761	16615	18051	108.2386	116.3407	118.0596	467.2434
protein_co	coiled-coil_	131	95	80	270	245	228	1.666918	1.550158	1.228233	5.332577
protein_co	methyltran	303	215	207	531	795	577	2.956852	2.690511	2.43728	8.042888
protein_co	unc-80_ho	4	8	5	4	0	1	0.01383	0.03547	0.020858	0.021466
protein_co	parathyroi	5	3	5	9	10	5	0.086417	0.066491	0.104267	0.241437
protein_co	carboxypep	1	0	0	31	31	21	0.038784	0	0	1.866149
protein_co	neurobeach	352	313	326	47	55	59	1.508986	1.720664	1.686196	0.312731
protein_co	KAT8_regul	281	205	216	167	214	177	2.771581	2.592892	2.570532	2.556632
protein_co	sperm_assc	190	184	176	204	222	184	1.875206	2.328748	2.09583	3.125043
protein_co	ATP-bindin	19	17	37	6	3	2	0.097902	0.11233	0.230032	0.047987

protein_co	sulfatase_m	391	286	319	170	153	235	5.820316	5.459404	5.729392	3.927799
protein_co	neuronal_t	1	0	0	0	0	0	0.009712	0	0	0
protein_co	rhomboid_	481	392	406	310	333	213	4.378586	4.575981	4.459261	4.38007
protein_co	chemokine	181	149	184	20	29	54	3.852516	4.066881	4.725326	0.660734
protein_co	transient_r	36	35	42	1	1	2	0.30031	0.374407	0.422731	0.012948
protein_co	hairy_and_	390	299	332	1390	1782	1229	11.42944	11.23676	11.73942	63.22745
protein_co	espin-like	1	0	0	14	15	6	0.009696	0	0	0.210694
protein_co	ankyrin_rep	196	146	198	71	114	70	1.980699	1.892015	2.414213	1.113656
protein_co	COP9_signa	1134	873	919	940	1113	1091	16.118	15.91189	15.7602	20.7375
protein_co	DIS3_mitot	487	363	332	311	370	309	4.888769	4.6729	4.021209	4.845754
protein_co	copine_fam	1	1	2	47	60	33	0.022674	0.029076	0.054715	1.654086
protein_co	Fanconi_an	641	530	547	1391	1507	1651	5.759054	6.106302	5.929642	19.39772
protein_co	TAM41_mit	260	196	208	205	271	295	4.404409	4.257746	4.251339	5.390123
protein_co	vestigial_lik	1383	984	1075	520	600	466	17.4091	15.88395	16.32716	10.15986
protein_co	RAB5A_me	1030	808	832	1050	1234	1065	19.04445	19.15807	18.56105	30.13359
protein_co	family_with	1472	1239	1150	973	1187	935	14.94632	16.1327	14.08875	15.33451
protein_co	CTD_(carbo	1341	1006	1105	278	335	251	23.83606	22.93047	23.69823	7.669744
protein_co	RCD1_requ	1245	1058	1036	985	1264	1657	14.31186	15.5963	14.36926	17.57492
protein_co	membrane-	315	236	260	23	38	20	3.32142	3.191057	3.307765	0.376419
protein_co	serine/thre	621	463	508	408	558	603	8.054966	7.701271	7.950306	8.214152
protein_co	GDP-mann	1240	1040	1079	543	609	556	11.7652	12.65378	12.35228	7.996648
processed_	glutamate_	3	10	4	251	325	105	0.018149	0.077577	0.029196	2.356822
protein_co	ELL_associa	332	265	247	326	390	402	3.319293	3.397526	2.979563	5.058894
protein_co	contactin_	0	0	0	7	6	8	0	0	0	0.098011
protein_co	dynein_cyt	901	686	748	964	1156	1204	8.818181	8.609693	8.832911	14.64407
protein_co	RNA_bindi	574	517	504	115	140	95	3.279102	3.787415	3.473935	1.019698
protein_co	glutamate_	4	2	3	0	2	7	0.041597	0.026671	0.037642	0
protein_co	oxysterol_b	627	496	555	1200	1388	895	3.806816	3.861761	4.065701	11.30853
protein_co	glycosyltra	286	208	234	380	405	316	5.271441	4.916273	5.203879	10.8712
protein_co	chemokine	0	0	1	4	5	1	0	0	0.015694	0.080754
protein_co	family_with	0	0	0	67	85	80	0	0	0	1.562399
protein_co	cysteine-se	819	538	681	187	235	259	12.19915	10.27631	12.23886	4.323324
protein_co	solute_carr	538	427	413	573	681	820	11.88263	12.09393	11.00597	19.64335
protein_co	integrin_al	50	44	51	103	147	135	0.297186	0.335367	0.365744	0.950224
protein_co	solute_carr	0	1	2	0	0	1	0	0.026407	0.049693	0
protein_co	golgin_A4	2448	2170	2360	1380	652	1228	14.76927	16.78868	17.17939	12.92282
protein_co	CTD_(carbo	1167	953	927	635	734	512	11.79324	12.34993	11.30291	9.960167
protein_co	SH3_and_c	133	107	109	126	131	176	1.93256	1.993768	1.910979	2.841728
protein_co	IQ_motif_a	1464	1092	1297	999	1455	697	13.00379	12.43829	13.90006	13.77288
protein_co	cullin-asso	446	346	398	455	529	315	4.573135	4.54951	4.923912	7.241375
protein_co	ribosomal_	7237	5661	5892	8383	8060	7832	160.2943	160.7911	157.46	288.197
protein_co	protein_tyr	3048	2343	2507	1908	2119	1750	15.84312	15.61735	15.72273	15.3934
protein_co	interleukin	10430	8211	8658	3144	3577	3429	56.08519	56.61993	56.17325	26.24079
protein_co	SHQ1_H/AC	318	255	310	298	353	395	3.705523	3.810412	4.358451	5.389757
protein_co	solute_carr	243	234	230	362	458	465	2.945018	3.636695	3.363238	6.809586
protein_co	ubiquitin-li	887	720	750	664	717	690	19.30893	20.0991	19.69899	22.43537
protein_co	ADP-ribosy	1667	1302	1373	524	546	417	37.20403	37.26273	36.972	18.15165
protein_co	TATA_elem	909	743	786	267	204	249	6.189809	6.48801	6.457791	2.821988
protein_co	leucine-rich	905	695	743	2067	2384	1759	8.032456	7.910318	7.956767	28.47546
protein_co	leucine-rich	1	0	2	0	1	0	0.032952	0	0.079516	0
protein_co	LIM_domai	1199	950	1005	852	1020	967	4.96171	5.04133	5.017949	5.472455
protein_co	zinc_finger	199	147	174	150	197	244	1.599437	1.515098	1.687374	1.871267
protein_co	nuclear_fac	193	126	192	72	112	78	2.30685	1.931265	2.768926	1.33575
protein_co	collagen_ty	11756	9002	9654	9	18	42	96.62385	94.87965	95.73706	0.114815
protein_co	neurexophi	872	804	795	307	423	285	5.015713	5.930368	5.517361	2.740849
protein_co	G_protein-	0	0	0	0	1	4	0	0	0	0
protein_co	myosin_hea	322	292	296	10	12	1	2.134377	2.482033	2.36731	0.102884
protein_co	pleckstrin_	1538	1210	1357	869	877	1140	11.77034	11.87483	12.53027	10.32245
protein_co	abhydrolas	590	475	545	248	322	239	10.68151	11.02767	11.90488	6.968877
protein_co	transgelin_	191	144	120	43	31	29	6.018813	5.819013	4.562541	2.10318
protein_co	phospholip	8	8	6	0	0	0	0.210034	0.269338	0.190063	0
protein_co	RAB_membr	615	474	495	205	211	294	7.426567	7.340078	7.212175	3.842354
protein_co	ADP-ribosy	48	36	46	58	65	60	0.495099	0.476171	0.572475	0.928559
protein_co	immunoglo	0	1	0	31	23	18	0	0.0169	0	0.634113
protein_co	autophagy_	529	401	483	495	543	731	8.240804	8.010647	9.078395	11.96877

protein_co	nuclear_rec	0	0	0	5	2	2	0	0	0	0.082386
protein_co	BOC_cell_a	1752	1213	1309	101	108	117	14.28718	12.68477	12.87954	1.278393
protein_co	signal_reco	1130	844	910	453	555	675	26.2826	25.17339	25.53755	16.35379
protein_co	transmemb	105	81	101	228	265	170	1.018715	1.007762	1.182315	3.433436
protein_co	angiotensir	155	100	122	0	1	1	3.013247	2.492943	2.861613	0
protein_co	mediator_c	47	34	43	203	254	143	0.205122	0.190284	0.226428	1.375121
protein_co	eukaryotic_	1055	794	863	942	976	1071	22.50635	21.72114	22.21322	31.19134
protein_co	aldehyde_d	1	0	0	25	27	7	0.010185	0	0	0.395199
protein_co	oxysterol_b	496	373	414	344	387	385	5.549379	5.351566	5.588704	5.973813
protein_co	transient_r	146	154	130	124	162	125	1.583243	2.141533	1.700929	2.087117
protein_co	neutral_ch	85	65	65	36	75	51	0.850363	0.833889	0.784597	0.559009
protein_co	spermatog	1	0	1	0	0	1	0.022265	0	0.026864	0
protein_co	family_witl	0	0	1	5	3	9	0	0	0.044618	0.286987
protein_co	LIM_domai	3625	2907	3119	758	941	807	9.299503	9.563263	9.654174	3.018224
protein_co	transmemb	476	347	377	174	254	173	8.963714	8.379534	8.56585	5.085817
protein_co	KIAA0226	812	608	642	400	473	319	5.474435	5.256494	5.222354	4.185754
protein_co	aminomet	53	55	71	506	676	561	0.759527	1.010739	1.227647	11.25507
protein_co	T-cell_leuk	239	192	188	74	83	150	5.222141	5.379739	4.956288	2.509648
protein_co	nicolin_1	200	141	170	83	116	90	3.584864	3.240941	3.676543	2.309145
protein_co	urocortin_	4	1	1	0	0	0	0.126644	0.040601	0.038201	0
protein_co	Vpr_(HIV-1	735	629	599	648	645	865	7.609663	8.350992	7.482607	10.41318
protein_co	mesenceph	3058	2254	2486	918	1043	1138	95.02298	89.81614	93.20524	44.27558
lincRNA	-	0	0	0	2	2	2	0	0	0	0.089027
protein_co	coiled-coil_	53	36	29	30	27	59	0.55834	0.486334	0.368611	0.49054
protein_co	syntaxin_b	4	7	5	41	53	74	0.019751	0.044325	0.029789	0.314235
protein_co	ELL_associa	34	23	28	67	69	51	1.607118	1.394138	1.596889	4.915571
protein_co	immunoglo	0	0	0	59	71	20	0	0	0	1.614896
protein_co	transmemb	6	3	1	5	5	1	0.177838	0.114026	0.035762	0.230025
protein_co	mucin_4_c	1	0	0	29	41	44	0.002741	0	0	0.123356
protein_co	slit_homol	749	561	562	257	307	280	5.496185	5.279001	4.975811	2.927138
protein_co	eukaryotic_	867	712	689	686	737	886	11.74961	12.37353	11.26605	14.42975
protein_co	alpha-2-HS	0	0	0	0	1	0	0	0	0	0
protein_co	endothelin	72	33	61	213	205	193	0.979995	0.575989	1.001772	4.499883
protein_co	von_Willeb	12	8	11	38	72	19	0.136573	0.116757	0.151051	0.67127
protein_co	diacylglyce	1117	822	859	607	976	636	11.2977	10.6615	10.48282	9.529193
protein_co	FIP1_like_1	640	557	579	619	672	631	9.436985	10.53217	10.30101	14.16689
protein_co	solute_carr	63	40	59	15	20	16	0.807123	0.657156	0.91201	0.298278
protein_co	Ly1_antibo	367	294	324	715	786	1263	10.9679	11.26715	11.6829	33.16607
protein_co	centromere	286	246	220	195	194	233	3.451878	3.807447	3.203761	3.65304
protein_co	EPH_recept	61	52	64	0	1	1	0.346031	0.378266	0.438039	0
protein_co	corin_serin	33	32	16	0	9	2	0.287722	0.357782	0.168317	0
protein_co	ATPase_clas	761	693	703	20	35	35	5.361879	6.26145	5.976346	0.218722
protein_co	OCIA_doma	1126	957	1025	809	913	847	27.99478	30.51125	30.74756	31.21891
protein_co	solute_carr	40	31	35	66	99	68	1.047822	1.041354	1.106225	2.683501
protein_co	solute_carr	0	0	0	1	0	0	0	0	0	0.048455
protein_co	stearoyl-Co	434	341	341	148	194	173	6.562485	6.612145	6.221299	3.473528
protein_co	placenta-sp	12	19	16	10	16	11	0.249747	0.507087	0.401779	0.323035
protein_co	enolase-ph	784	666	700	1136	1367	1335	18.15396	19.77602	19.55696	40.82857
protein_co	group-spec	0	0	0	1	0	5	0	0	0	0.036907
protein_co	tRNA_meth	85	75	76	26	37	63	1.078953	1.220827	1.163979	0.512256
protein_co	kelch-like_f	484	375	362	145	179	139	4.037497	4.011506	3.643539	1.877437
protein_co	synuclein_a	542	503	489	59	52	23	8.009577	9.532079	8.719011	1.353296
protein_co	PIGY_upstr	0	0	1	0	0	0	0	0	0.041569	0
protein_co	TBC1_dom	467	418	404	209	220	218	4.067925	4.669191	4.246053	2.825744
protein_co	calcium/ca	1648	1297	1354	409	534	287	12.9939	13.1139	12.88099	5.005371
protein_co	CDGSH_iro	310	264	229	167	225	303	6.246629	6.821773	5.567594	5.223131
protein_co	DNA-damag	14	8	12	75	88	81	0.252097	0.184731	0.260717	2.096192
protein_co	ankyrin_2_	387	273	299	371	405	839	1.278278	1.156342	1.191609	1.902036
protein_co	TRAF-intera	81	81	87	25	25	24	1.236358	1.585454	1.602236	0.592284
protein_co	spermatog	257	173	196	147	221	170	3.606924	3.113575	3.319006	3.202224
protein_co	fatty_acid_	1	0	0	0	1	0	0.018923	0	0	0
protein_co	cyclin_A2	1390	1128	1164	2003	2381	2279	23.30251	24.2497	23.54447	52.11939
protein_co	methyltran	382	319	321	339	362	393	4.608178	4.934758	4.672173	6.347402
protein_co	ubiquitin_s	1026	766	905	344	275	492	7.923116	7.585544	8.432285	4.12323
protein_co	SET_domai	1737	1312	1346	201	277	144	11.05879	10.71151	10.33953	1.986251

protein_co	nuclear_ass	281	213	242	332	440	345	5.657404	5.499204	5.878606	10.37479
protein_co	membrane-	143	113	140	79	85	83	1.140935	1.156145	1.347723	0.978323
protein_co	secreted_fr	18	18	22	13016	15469	11754	0.415364	0.532646	0.61253	466.1919
protein_co	ribosomal_	3557	2853	2884	4838	4946	4176	109.2974	112.4183	106.9225	230.7396
protein_co	ring_finger_	12	13	13	111	154	111	0.175673	0.244049	0.229623	2.522185
protein_co	platelet_de	1466	1174	1270	73	64	109	16.50439	16.94895	17.25111	1.275612
protein_co	carbonyl_r	309	244	276	574	742	482	4.208253	4.261304	4.535242	12.13349
protein_co	glycine_rec	0	0	0	3	1	5	0	0	0	0.024896
protein_co	cytochrom	228	176	181	112	190	66	1.236517	1.224016	1.184382	0.942787
protein_co	rhophilin_a	3	2	1	1	2	2	0.108962	0.093152	0.043823	0.056375
protein_co	NADH_deh	1761	1356	1320	2587	3380	2560	76.31545	75.35675	69.02002	174.0123
protein_co	membrane-	2055	1625	1850	1085	1328	1127	20.35467	20.64024	22.10914	16.68063
protein_co	naked_cuti	294	199	216	349	467	172	6.39706	5.552589	5.670677	11.78661
protein_co	cadherin_1	20	16	21	1	0	1	0.264766	0.27162	0.335428	0.020548
protein_co	ADAM_met	66	36	48	492	580	573	0.621559	0.434761	0.545416	7.191738
protein_co	steroid-5-al	340	232	258	367	448	397	6.907542	6.044243	6.324298	11.57287
protein_co	myosin_X	5376	4234	5022	4575	5659	5138	31.36113	31.67325	35.34737	41.42418
protein_co	family_witl	9	11	9	104	132	117	0.117323	0.183883	0.141557	2.104281
protein_co	ribosomal_	6343	5022	5092	7487	7833	6642	38.69677	39.28856	37.48146	70.89544
protein_co	S-phase_kir	1084	819	987	856	979	1219	13.52189	13.10091	14.85502	16.57343
protein_co	oncostatin_	762	652	713	30	52	60	6.450658	7.077925	7.282602	0.394186
protein_co	UDP_glycos	0	0	0	59	70	33	0	0	0	0.838346
protein_co	polo-like_k	1607	1159	1288	245	265	299	25.45684	23.54407	24.61799	6.024004
protein_co	family_witl	3	0	3	154	208	190	0.16608	0	0.200385	13.23269
protein_co	granzyme_A	35	64	42	0	0	1	1.835739	4.304594	2.65791	0
protein_co	phosphoin	621	446	444	183	197	308	4.153288	3.825116	3.582873	1.899687
protein_co	hyaluronan	3130	2640	2828	188	198	225	26.17545	28.31151	28.53496	2.440272
protein_co	lipoma_HM	1437	1094	1242	944	1300	780	13.36128	13.04422	13.93353	13.62366
protein_co	single-stran	322	255	241	274	340	206	1.719657	1.746367	1.552927	2.27126
protein_co	betaine--ho	0	0	0	9	8	11	0	0	0	0.262322
protein_co	ankyrin_rep	0	2	2	4	1	5	0	0.019924	0.018746	0.04823
protein_co	IQ_motif_c	296	245	218	2159	1904	1774	2.374991	2.520842	2.110448	26.88768
protein_co	corticotrop	7	4	2	2	2	3	0.165773	0.121474	0.057147	0.073515
protein_co	RAS_p21_p	2447	2050	2084	659	789	511	23.04476	24.7572	23.68013	9.632836
protein_co	Lix1_homo	7	4	5	1	0	8	0.081588	0.059786	0.070315	0.018091
protein_co	gypsy_retro	23	25	22	67	56	68	0.324352	0.452104	0.374334	1.46654
protein_co	diphosphoi	1195	926	1012	324	296	408	9.632727	9.571977	9.842601	4.053749
protein_co	peptidylgly	2945	2688	2576	775	800	743	25.42178	29.75495	26.82962	10.38372
protein_co	B_double_p	1117	846	941	557	314	730	4.730078	4.59404	4.807871	3.661009
protein_co	general_tra	121	91	97	130	166	171	2.731676	2.634478	2.642188	4.555308
protein_co	solute_carr	888	661	678	382	509	360	9.550077	9.116008	8.797751	6.376579
protein_co	basic_trans	5643	4423	4746	6842	6980	7162	213.9049	214.9993	217.0633	402.5541
protein_co	F-box_and_	534	434	382	97	92	53	4.826382	5.030133	4.165737	1.360763
protein_co	spermatoge	6	3	12	2	2	0	0.12971	0.083167	0.313004	0.067109
protein_co	thymic_str	0	0	0	5	11	7	0	0	0	0.13884
protein_co	tumor_nec	199	162	160	210	270	194	2.598472	2.712622	2.520769	4.256129
protein_co	fem-1_hom	560	434	520	316	395	373	4.517187	4.489305	5.060943	3.956377
protein_co	COMM_dor	309	261	296	328	270	338	9.863183	10.68337	11.39983	16.25036
protein_co	autophagy_	846	667	640	381	462	441	9.155078	9.256075	8.35641	6.399516
protein_co	multiple_E	1556	1057	1269	557	527	412	9.607699	8.369396	9.454084	5.338208
protein_co	ADAM_met	15	15	22	677	778	675	0.134381	0.172325	0.237803	9.413818
protein_co	Yip1_doma	1500	1127	1205	397	453	482	22.34987	21.53361	21.66301	9.18131
protein_co	Rho_GTPas	178	133	178	320	385	356	0.90722	0.869268	1.094613	2.531471
protein_co	chemokine	81	65	67	1	0	4	1.926987	1.982971	1.923165	0.036925
protein_co	leukocyte_	3	0	2	4	0	8	0.130613	0	0.105061	0.270306
protein_co	solute_carr	0	0	0	4	9	15	0	0	0	0.141183
protein_co	DEAD_(Asp-	1994	1706	1850	2384	2301	3087	16.435	18.03154	18.39773	30.49869
protein_co	interleukin	0	0	0	2	0	0	0	0	0	0.246294
protein_co	T-cell_imm	0	0	1	0	0	0	0	0	0.041326	0
protein_co	ring_finger_	721	606	554	446	604	577	9.357238	10.08543	8.675015	8.984166
protein_co	C1q_and_t	44	28	32	5	5	9	0.854665	0.697446	0.749965	0.150745
protein_co	gamma-am	43	37	25	26	16	33	0.273022	0.30126	0.191522	0.256232
protein_co	F-box_prot	673	634	611	451	421	398	7.133133	8.617154	7.81366	7.41946
protein_co	prenylcyste	222	163	175	196	216	116	2.130056	2.005557	2.025929	2.918936
protein_co	glycine_rec	1	1	0	0	2	2	0.026007	0.03335	0	0

protein_co	TNFAIP3_in	1133	845	896	1006	903	657	16.25655	15.54764	15.51152	22.40406
protein_co	GTPase_act	4125	3358	3638	5353	6874	7467	18.8888	19.71835	20.09977	38.04593
protein_co	zinc_finger_	168	157	165	98	100	150	1.895914	2.272052	2.246681	1.716587
protein_co	NEDD4_bin	13	14	12	2566	3525	2096	0.100258	0.138457	0.111662	30.71595
protein_co	NHP2_ribo	809	570	545	960	1342	933	43.85436	39.6231	35.64584	80.77296
protein_co	required_fo	468	363	394	1251	1795	1637	5.163418	5.135792	5.244882	21.42295
protein_co	biorientati	1097	899	943	1749	1956	1745	32.93108	34.60735	34.15538	81.49288
protein_co	complexin_	1	0	0	27	27	50	0.009335	0	0	0.391211
protein_co	teneurin_t	165	129	137	27	31	23	0.820712	0.822822	0.822196	0.20845
protein_co	potassium_	7	1	3	4	9	8	0.1894	0.034697	0.097938	0.167986
protein_co	family_witl	2	2	5	74	86	63	0.04854	0.062246	0.146417	2.787632
protein_co	myosin_ligl	2	6	11	4	1	7	0.016175	0.062225	0.107335	0.05021
protein_co	-	7	9	5	7	4	2	0.224201	0.36965	0.193222	0.347991
protein_co	family_witl	2	2	1	2	6	7	0.041404	0.053095	0.024978	0.064265
protein_co	TBC1_dom	371	343	323	451	572	462	11.26697	13.35785	11.83542	21.25887
protein_co	phenylalan	250	225	230	149	195	243	6.928194	7.995984	7.690524	6.409096
protein_co	glucose-fru	135	142	115	192	260	143	0.723363	0.975709	0.743479	1.596814
protein_co	CDK5_regu	328	223	289	343	367	324	4.700466	4.098088	4.997042	7.629423
pseudogen	protocadhe	21	8	10	5	6	1	0.311217	0.152035	0.17881	0.115012
protein_co	pleckstrin_	30	26	24	10	27	2	0.3117	0.346416	0.300867	0.161267
protein_co	leucine_ric	3	5	3	1	3	3	0.063479	0.135672	0.076591	0.032843
protein_co	zinc_finger_	1144	983	970	971	1029	1338	32.82875	36.17356	33.58521	43.2492
protein_co	GDNF_fami	3	3	3	20	26	29	0.06899	0.08847	0.08324	0.713877
protein_co	kelch-like_f	57	47	57	286	303	243	0.382858	0.404827	0.46194	2.981668
protein_co	doublecort	6	6	4	2	3	1	0.059771	0.076647	0.048078	0.030924
protein_co	tripartite_r	31	17	23	18	32	7	0.333622	0.234612	0.298654	0.300674
protein_co	tripartite_r	768	568	627	598	948	859	5.133504	4.868671	5.056713	6.20418
protein_co	HIG1_hypo	217	182	191	221	267	228	15.23224	16.38267	16.17653	24.07835
protein_co	family_witl	946	744	785	921	1109	801	9.634656	9.716891	9.646345	14.55912
protein_co	phospholip	268	291	266	68	68	48	6.677218	9.297434	7.996325	2.629663
protein_co	tumor_nec	4770	3947	4012	1373	1710	1217	62.21568	66.01733	63.13795	27.79601
protein_co	ring_finger_	836	612	659	3999	5504	4644	9.434429	8.856663	8.973107	70.04727
protein_co	methylmal	492	396	428	248	258	288	6.153611	6.3514	6.458873	4.814455
protein_co	RasGEF_do	0	2	1	21	35	16	0	0.050213	0.023622	0.638153
protein_co	docking_pr	36	26	21	59	48	239	0.736492	0.682101	0.518362	1.873477
protein_co	activator_c	711	519	557	680	779	896	14.78439	13.83919	13.97453	21.9469
protein_co	protein_ph	3826	3073	3156	1123	1348	587	39.00874	40.17805	38.82416	17.77163
protein_co	dishevelled	2845	2088	2276	57	60	72	21.44384	20.18181	20.69858	0.666846
processed_	primase_DI	235	204	213	300	320	323	4.811858	5.356541	5.262263	9.534472
protein_co	muscular_l	16	17	25	0	1	0	0.130636	0.177992	0.24628	0
protein_co	3-hydroxyn	8	6	8	1	1	0	0.148152	0.142488	0.178754	0.028744
protein_co	lengsin_len	0	0	0	2	3	8	0	0	0	0.027922
protein_co	FYVE_RhoG	2	2	4	1	4	4	0.01625	0.020839	0.039214	0.012611
protein_co	signal_pept	283	202	229	117	165	139	1.803953	1.651199	1.761255	1.157591
protein_co	anoctamin_	17	12	18	45	41	40	0.193103	0.174796	0.246696	0.793384
protein_co	cysteine-ric	1	0	2	223	289	147	0.048742	0	0.117621	16.87099
protein_co	tau_tubulin	1	0	0	13	13	11	0.006764	0	0	0.136488
protein_co	t-complex-	2	0	3	10	9	4	0.030577	0	0.05534	0.2373
protein_co	ribosomal_	2844	2226	2399	2059	2462	2994	29.79339	29.90369	30.32275	33.47936
protein_co	nuclear_fac	258	189	228	201	308	136	4.73303	4.446217	5.046641	5.723294
protein_co	cytochrom	36	26	24	25	19	19	0.775754	0.718463	0.623995	0.836165
protein_co	trophoblas	7079	5339	5506	800	997	551	51.19285	49.51156	48.04206	8.979618
protein_co	interleukin	53	31	37	63	81	46	2.147944	1.611084	1.809243	3.962945
protein_co	pleckstrin_	1008	829	913	993	538	958	8.175945	8.622661	8.935035	12.50136
protein_co	protease_se	462	271	310	75	80	81	8.319197	6.257748	6.735179	2.096192
protein_co	MMS22-like	435	360	404	377	405	568	2.359963	2.504539	2.64451	3.17459
protein_co	failed_axor	116	85	82	175	221	169	2.696699	2.533978	2.300045	6.314559
protein_co	gamma-am	101	49	71	6	6	7	1.522795	0.947383	1.291595	0.140411
protein_co	proline-rich	583	432	481	383	468	196	13.2382	12.57921	13.17812	13.49863
protein_co	peptidase_I	156	100	102	112	134	119	1.553705	1.277183	1.225722	1.73138
protein_co	arginyl-tRN	832	688	706	497	579	579	21.45902	22.75539	21.97047	19.89635
protein_co	sex_comb_	37	32	28	0	0	0	0.403754	0.44779	0.368656	0
protein_co	chromosor	111	114	120	67	61	35	0.977793	1.287769	1.27542	0.916071
protein_co	clavesin_2	2	1	2	6	8	9	0.031002	0.019878	0.037405	0.144357
protein_co	G_protein-	0	0	0	1	1	6	0	0	0	0.042536

protein_co	ring_finger	756	545	625	123	150	74	3.130142	2.893663	3.122268	0.790456
protein_co	R-spondin_	95	57	62	0	0	3	1.651669	1.270819	1.300586	0
protein_co	Rho_GTPas	743	680	693	57	70	113	7.807997	9.163662	8.786828	0.929729
protein_co	ABRA_C-ter	458	346	354	854	1207	1080	25.41494	24.62119	23.70145	73.55497
protein_co	trace_amin	1	2	0	0	0	0	0.045971	0.117902	0	0
protein_co	solute_carr	252	151	179	406	578	493	4.989985	3.83429	4.276611	12.47829
protein_co	mitochond	75	52	62	114	126	139	1.961378	1.743865	1.95632	4.627383
protein_co	solute_carr	51	52	34	104	119	59	0.535226	0.69981	0.430521	1.694069
protein_co	SNF2_histo	342	244	301	402	447	429	1.375333	1.258291	1.460483	2.509218
protein_co	androgen-i	331	286	284	232	244	271	4.574299	5.068412	4.735468	4.976397
protein_co	dynein_ligh	1100	933	996	505	617	561	17.84124	19.40543	19.49125	12.71318
protein_co	T-cell_lymp	654	506	533	205	218	209	4.392791	4.358355	4.319545	2.137209
protein_co	transmemb	1451	1127	1274	604	809	739	12.6229	12.57259	13.37239	8.155659
protein_co	poly(A)-spe	0	0	1	3	1	4	0	0	0.029451	0.113659
protein_co	Wilms_tum	965	745	804	787	1014	1295	12.3766	12.25293	12.44166	15.66677
protein_co	zinc_finger	1542	1182	1241	1345	1341	1187	10.33806	10.16206	10.03863	13.99612
protein_co	vasoactive_	1	0	0	0	0	0	0.029602	0	0	0
protein_co	chromosor	469	383	437	902	1018	1323	8.537041	8.940106	9.59763	25.48423
protein_co	solute_carr	3	9	6	66	125	240	0.024999	0.096173	0.060326	0.853646
protein_co	von_Willeb	15	7	8	528	510	333	0.118489	0.070908	0.076247	6.473675
protein_co	guanine_nu	3182	2614	2817	2795	3521	2660	34.08041	35.90208	36.4032	46.46403
protein_co	chromosor	2409	1650	1874	1087	1422	1213	43.09731	37.85355	40.45116	30.18376
protein_co	sidekick_ce	44	54	44	395	592	323	0.198438	0.312302	0.239427	2.76503
pseudogen	WAS_prote	160	126	149	106	164	132	2.67943	2.705841	3.010625	2.755235
protein_co	CCZ1_vacu	288	218	248	232	201	250	4.680875	4.543603	4.863336	5.852656
protein_co	chromosor	894	713	728	479	701	528	19.21158	19.64828	18.87579	15.97687
protein_co	RB-associat	384	356	366	380	350	399	2.748552	3.267624	3.160836	4.221695
protein_co	cAMP_resp	343	250	257	21	24	53	1.885053	1.76189	1.704161	0.179135
protein_co	epidermal_	5051	3888	4053	194	259	143	24.11582	23.80457	23.34798	1.437662
protein_co	cell_divisio	1156	843	915	2054	2231	2514	20.95279	19.5939	20.01028	57.78497
protein_co	insulin-like	7226	5058	6047	67	75	179	149.791	134.4547	151.2432	2.155724
protein_co	purine-rich	1739	1397	1488	1285	1794	1188	8.995228	9.266555	9.286746	10.31683
pseudogen	-	12	7	8	14	13	6	1.127616	0.843504	0.907022	2.041918
protein_co	insulin-like	0	0	0	0	1	2	0	0	0	0
protein_co	scavenger_	68	30	49	365	541	266	1.138351	0.644018	0.989718	9.48398
protein_co	malate_deh	4085	3208	3389	5471	5933	4869	86.71151	87.32295	86.79692	180.2527
protein_co	POM121_a	348	274	332	206	202	258	10.28212	10.38158	11.83558	9.447158
pseudogen	-	3	7	6	1	2	0	0.143541	0.429499	0.346381	0.074265
protein_co	glioblaston	855	709	717	663	741	581	9.422083	10.01928	9.533405	11.34031
protein_co	chaperonin	5173	3938	4314	6224	6724	8384	89.21003	87.08758	89.76342	166.5986
protein_co	phosphose	423	320	419	574	881	724	9.106739	8.834497	10.8839	19.18072
protein_co	tripartite_r	0	0	0	2	5	0	0	0	0	0.071109
protein_co	zinc_finger	159	105	144	343	267	378	2.32259	1.966862	2.537967	7.776782
protein_co	ataxin_7-lil	152	132	121	835	963	1151	1.315725	1.465227	1.263732	11.2186
protein_co	transmemb	504	408	414	219	250	197	5.641578	5.856519	5.591372	3.804912
protein_co	chromosor	198	167	178	211	327	301	3.684216	3.984792	3.996206	6.093864
protein_co	solute_carr	859	662	657	717	989	964	9.027011	8.921095	8.330369	11.69501
protein_co	GRB10_int	1139	863	914	2459	3306	3297	8.178825	7.94671	7.918838	27.40667
protein_co	tripartite_r	188	174	145	194	203	152	2.605771	3.092694	2.424903	4.173598
protein_co	methylpho	1166	853	934	1421	1846	2465	18.09191	16.97244	17.48561	34.2224
polymorph	zonadhesin	1	0	0	6	9	2	0.005308	0	0	0.049432
protein_co	transmemb	260	211	240	215	284	323	3.439042	3.578953	3.830218	4.414008
protein_co	ATP/GTP_b	19	20	22	25	32	34	0.236504	0.319245	0.330412	0.483009
protein_co	stimulated_	0	0	0	1	0	0	0	0	0	0.073293
protein_co	zinc_finger	309	221	225	70	91	51	8.265268	7.580539	7.261545	2.90621
protein_co	transmemb	146	100	117	101	158	134	4.074966	3.579155	3.94008	4.375452
protein_co	tousled-like	898	710	734	720	877	818	11.67052	11.83264	11.50954	14.52369
protein_co	EPH_recept	33	24	24	4296	5503	5499	0.460116	0.429115	0.40375	92.97116
protein_co	nucleolar_p	761	564	653	823	1145	1163	5.871862	5.580583	6.079283	9.856471
protein_co	canopy_1_l	0	0	0	12	9	5	0	0	0	0.367266
protein_co	non-SMC_c	1253	988	987	1304	1527	1309	11.18469	11.30939	10.63012	18.06679
protein_co	neuroligin_	58	46	54	1346	1402	1421	0.463309	0.471205	0.520456	16.68852
protein_co	shroom_fa	1237	929	948	661	801	894	7.788767	7.501085	7.202038	6.459977
protein_co	RAB19_me	0	0	0	44	48	40	0	0	0	2.929836
protein_co	C7orf55-LU	607	502	469	458	638	441	10.03251	10.63982	9.352806	11.74944

protein_co	DENN/MAD	1423	1104	1108	426	614	438	17.86466	17.77331	16.78331	8.300989
protein_co	transmemb	1	4	5	25	32	12	0.029715	0.15242	0.179263	1.153039
protein_co	SH3-domai	1548	1207	1320	522	631	393	15.34258	15.34066	15.78518	8.030238
protein_co	transmemb	457	313	365	391	412	390	5.285826	4.642483	5.093749	7.019463
protein_co	LanC_lantil	18	14	12	16	14	8	0.08196	0.081746	0.065926	0.113078
protein_co	synaptotag	342	324	310	4	5	12	3.321538	4.035222	3.632644	0.060298
protein_co	calcium/ca	650	591	515	880	1061	773	3.672995	4.282563	3.511254	7.718272
protein_co	lysine_(K)-s	381	315	332	838	855	1139	3.285233	3.483061	3.45404	11.21542
protein_co	spindlin_fa	21	17	15	26	32	35	0.398983	0.414184	0.343854	0.766724
protein_co	moesin	20043	16203	17035	4002	4377	3455	238.4111	247.1545	244.486	73.88756
protein_co	A_kinase_(I	0	0	0	0	0	1	0	0	0	0
protein_co	cyclin_B3	0	1	1	1	4	2	0	0.012813	0.012055	0.015508
protein_co	histone_de	430	351	369	169	177	173	8.623912	9.027185	8.929154	5.260815
protein_co	solute_carr	1344	1064	1231	1270	1510	1177	14.44423	14.66379	15.96251	21.18504
protein_co	zinc_finger_	3	1	2	15	32	17	0.060686	0.02594	0.048814	0.470965
protein_co	zinc_finger_	70	61	50	98	101	56	0.91531	1.022844	0.788839	1.988963
protein_co	carbohydra	186	141	185	408	552	398	3.810198	3.703932	4.572507	12.97255
protein_co	KRAB_box_	165	118	139	77	96	129	2.78906	2.557792	2.834894	2.020204
protein_co	NADH_deh	1641	1247	1266	1319	1544	1354	55.43697	54.02151	51.60273	69.16179
protein_co	zinc_finger_	165	131	151	85	91	63	1.707538	1.738469	1.885434	1.365324
protein_co	RAB41_mei	11	8	3	4	3	4	0.480252	0.447894	0.158032	0.271061
protein_co	zinc_finger_	1866	1485	1638	2101	2276	1744	14.42175	14.71778	15.27455	25.20362
protein_co	TAF1_RNA_	886	781	853	691	791	690	5.389797	6.092549	6.260886	6.5245
protein_co	non-POU_d	7543	5973	6398	7732	8389	8923	110.0129	111.7124	112.5879	175.0337
protein_co	coiled-coil_	262	216	238	369	432	386	3.092168	3.269075	3.389119	6.759564
protein_co	lysophosph	4	2	8	53	45	77	0.071835	0.046059	0.173345	1.477338
protein_co	emopamil_	1458	1077	1174	1224	1249	1445	38.51586	36.48439	37.41952	50.18731
protein_co	acyl-CoA_w	0	0	0	2	1	0	0	0	0	0.068531
protein_co	O-linked_N	2866	2500	2668	1584	1875	1470	18.55402	20.75445	20.83991	15.9165
protein_co	sorting_nex	1257	976	1052	1343	1678	1346	24.80671	24.69978	25.04942	41.13774
protein_co	integrin_be	14	14	17	30	27	43	0.456192	0.585001	0.668369	1.5173
protein_co	interleukin	0	1	0	8	3	1	0	0.029548	0	0.286112
protein_co	acidic_repe	23	16	18	16	29	16	0.335658	0.299433	0.31695	0.362427
protein_co	zinc_finger_	406	282	334	316	302	327	3.930088	3.500537	3.900953	4.747815
protein_co	diaphanous	230	179	210	605	590	546	1.155545	1.153245	1.272994	4.717859
protein_co	ripply1_ho	0	1	1	0	0	1	0	0.051305	0.048273	0
protein_co	phosphorib	834	655	706	1942	2137	1982	18.86458	18.99904	19.26788	68.1806
protein_co	chromosor	30	15	15	85	69	118	0.364336	0.233604	0.219796	1.602249
protein_co	FERM_and_	16	17	15	147	157	150	0.104855	0.142866	0.118607	1.495266
protein_co	5-hydroxyt	0	0	0	40	59	35	0	0	0	0.612754
protein_co	dedicator_(	1307	1092	1080	305	327	228	9.196466	9.853202	9.168899	3.331008
protein_co	immunoglo	149	125	123	279	291	253	1.348767	1.451009	1.343395	3.919993
protein_co	Rho_GTPas	0	0	0	2	4	5	0	0	0	0.047214
protein_co	glypican_3	51	35	40	587	630	519	0.931227	0.819526	0.881238	16.63619
protein_co	RNA_bindi	4097	3278	3521	5476	6285	6683	39.31009	40.33261	40.76168	81.5515
protein_co	microceph	247	214	228	211	253	257	3.667459	4.07466	4.084615	4.862742
protein_co	malignant_	853	622	701	1704	2124	1456	6.235919	5.831109	6.18326	19.33533
protein_co	F-box_prot	79	75	61	171	204	177	1.569623	1.910905	1.462333	5.273452
protein_co	fetal_and_a	0	0	0	0	2	1	0	0	0	0
protein_co	melanoma_	0	0	0	18	24	4	0	0	0	0.738881
protein_co	family_witl	389	319	350	223	320	253	13.99863	14.72096	15.1968	12.45579
protein_co	NAD(P)_dep	1115	823	952	474	522	717	27.10335	25.65413	27.92114	17.88368
protein_co	zinc_finger_	3953	2809	2966	327	422	162	41.92631	38.20507	37.95588	5.38317
protein_co	centrin_EF-	820	680	710	316	242	348	26.44416	28.12123	27.62628	15.81734
protein_co	gamma-am	18	20	20	358	394	456	0.136706	0.194784	0.18327	4.220144
protein_co	ribosomal_	19818	15545	16416	16692	17284	17061	400.8914	403.2432	400.6659	524.0899
protein_co	chondroiti	62	64	54	8	10	8	0.686952	0.909335	0.721899	0.13758
protein_co	ATPase_H+_	1417	1200	1169	1055	1262	1366	9.619684	10.44676	9.575324	11.11665
protein_co	coiled-coil_	833	650	726	797	973	821	10.79287	10.79977	11.34949	16.02805
protein_co	homeobox_	307	284	304	226	210	138	3.526515	4.183455	4.213364	4.029455
protein_co	cholinergic	0	0	0	1	0	0	0	0	0	0.031726
protein_co	cholinergic	0	1	0	1	0	1	0	0.025054	0	0.030325
protein_co	gonadotrop	15	12	13	8	21	20	0.399631	0.409976	0.417887	0.330817
protein_co	bridging_in	889	647	716	177	181	224	11.61472	10.83978	11.28673	3.589308
protein_co	docking_pr	0	3	6	3	10	6	0	0.093176	0.175337	0.112779

protein_co	solute_carr	962	764	770	836	774	352	9.352726	9.525019	9.032374	12.61537
protein_co	charged_m	1227	910	981	692	898	573	16.90686	16.07938	16.30931	14.79977
protein_co	dedicator_	446	442	450	379	497	361	2.075727	2.637952	2.526946	2.737821
protein_co	steroidoge	4	4	5	43	48	46	0.054397	0.069756	0.082041	0.907637
protein_co	proline_syr	676	540	561	380	466	426	12.40127	12.70348	12.41739	10.82016
protein_co	ER_lipid_ra	935	814	866	898	1083	1114	7.219194	8.059551	8.067576	10.76178
protein_co	syntrophin	3	3	2	83	92	63	0.040146	0.051481	0.032292	1.723951
protein_co	peroxidasir	3	5	4	0	3	5	0.029276	0.06257	0.047097	0
protein_co	suppressio	0	1	0	1	2	0	0	0.009719	0	0.011763
protein_co	regulator_	60	48	64	11	26	20	1.337168	1.371782	1.720928	0.380503
protein_co	transformi	1567	1307	1358	221	293	300	9.374414	10.02675	9.802186	2.052097
protein_co	golgin_A7	927	835	865	541	704	747	21.44403	24.7698	24.14298	19.4247
protein_co	phosphatic	1029	845	914	636	864	533	22.0823	23.25386	23.66591	21.18442
protein_co	GINS_comp	257	180	245	485	587	756	3.111473	2.794568	3.578879	9.113918
protein_co	Wolf-Hirsch	1374	1203	1230	805	1022	628	11.8628	13.31912	12.81309	10.78765
protein_co	corticotrop	1	0	0	1	3	4	0.030448	0	0	0.04726
protein_co	tripartite_r	2	1	1	4	7	2	0.032205	0.020649	0.019428	0.099972
protein_co	alcohol_de	19	13	14	19	39	24	0.399691	0.35069	0.355342	0.620375
protein_co	mitochond	41	23	37	71	124	97	2.261754	1.627042	2.462698	6.079254
protein_co	lactamase_	42	20	32	41	67	54	1.305955	0.797477	1.200541	1.978761
protein_co	PR_domair	0	0	0	1368	1850	4352	0	0	0	42.47558
protein_co	telomeric_	513	395	414	6043	7447	8863	6.685542	6.601242	6.5098	122.2369
protein_co	ribosomal_	12876	10997	11067	16153	14176	15917	395.646	433.3207	410.3022	770.388
protein_co	solute_carr	3	7	6	5	4	3	0.026728	0.079975	0.064498	0.069143
protein_co	protein_se	0	0	0	5	4	1	0	0	0	0.275264
protein_co	ATPase_H+_	0	3	2	0	0	0	0	0.073749	0.04626	0
protein_co	syntabulin_	0	0	0	3	3	7	0	0	0	0.063563
protein_co	dihydropyr	3	0	0	7	9	4	0.066135	0	0	0.23952
protein_co	metadherir	3359	2579	2800	1205	1409	1314	25.49839	25.10519	25.64536	14.19778
protein_co	low_densit	1217	953	1072	175	208	204	11.3948	11.44243	12.11041	2.543224
protein_co	estrogen_re	160	105	130	170	189	213	3.153595	2.6539	3.091558	5.200742
protein_co	R-spondin_	25	16	12	1	1	0	0.376808	0.30925	0.218228	0.023394
protein_co	polymerase	582	436	463	423	546	595	26.72869	25.67737	25.65569	30.15265
processed_	mal_T-cell_	1	0	0	888	956	1004	0.016634	0	0	22.92602
protein_co	eukaryotic_	2788	2245	2305	2833	2786	2853	33.02081	34.09735	32.93926	52.08012
protein_co	UTP23_sma	234	181	244	132	133	184	2.971098	2.94706	3.737997	2.60139
protein_co	NADH_dehy	631	453	450	750	845	850	22.43184	20.6511	19.30173	41.38351
protein_co	TatD_DNas	168	137	154	202	216	242	3.907501	4.086201	4.32174	7.292421
protein_co	family_witl	0	0	0	0	0	1	0	0	0	0
protein_co	gasdermin_	2	0	4	0	0	1	0.034554	0	0.083383	0
protein_co	family_witl	3	6	2	0	3	4	0.020205	0.051821	0.016253	0
protein_co	zinc_finger_	269	242	195	215	270	335	2.236025	2.57958	1.955721	2.773915
protein_co	Rho_GTPas	528	400	443	535	669	483	5.271009	5.120698	5.335948	8.289801
protein_co	solute_carr	16	15	23	72	108	45	0.270065	0.324675	0.468408	1.886302
protein_co	nicotinate_	238	187	154	252	398	164	5.6793	5.722276	4.433907	9.333593
protein_co	very_low_d	176	126	146	514	478	184	2.298786	2.110405	2.300842	10.42028
protein_co	adenylate_k	274	201	234	307	422	337	4.695857	4.41743	4.838695	8.166447
protein_co	ubiquitin-li	2019	1751	1864	654	639	506	25.42867	28.28022	28.32574	12.78485
protein_co	nuclear_fac	233	206	219	237	267	127	1.332688	1.510946	1.511349	2.104027
protein_co	cerberus_1	0	0	0	6	8	52	0	0	0	0.359406
protein_co	perilipin_2	496	457	437	638	720	941	11.79384	13.93474	12.53727	23.54641
protein_co	HAUS_augn	685	624	571	965	796	941	4.914269	5.740666	4.942566	10.74549
protein_co	cyclin-depe	495	321	368	2	1	14	5.934686	4.935225	5.323392	0.037218
protein_co	cyclin-depe	391	287	323	5	6	4	14.28994	13.4507	14.24309	0.283631
protein_co	chromosor	121	110	94	249	275	195	1.180052	1.375682	1.106093	3.76917
protein_co	interferon_	2	0	0	1	3	2	0.082263	0	0	0.063842
protein_co	zinc_finger_	387	354	325	467	513	266	6.497113	7.621177	6.583258	12.16905
protein_co	F-box_prot	172	147	139	126	120	120	1.76286	1.932039	1.718906	2.004427
protein_co	SPATA31_s	0	0	0	0	0	3	0	0	0	0
protein_co	sigma_non-	2099	1626	1746	1438	1724	1708	56.46709	56.09354	56.67288	60.04438
protein_co	COBW_dor	83	78	70	50	42	68	1.170136	1.41014	1.190705	1.094104
protein_co	centrosom	1759	1287	1472	726	874	953	7.36556	6.910792	7.436966	4.718533
protein_co	neurotroph	130	96	112	0	0	1	0.741029	0.701734	0.770296	0
protein_co	idnK_gluco	24	26	16	15	25	14	0.693383	0.963262	0.557738	0.672641
protein_co	SHC_(Src_h	416	372	395	193	269	182	8.147973	9.343477	9.334722	5.867377

protein_co	AU_RNA_bi	186	160	153	343	399	447	5.530465	6.100677	5.488936	15.82972
protein_co	hippocamp	1418	1153	1280	658	914	877	19.44153	20.27183	21.17446	14.00266
protein_co	chromoson	678	493	555	111	160	183	10.80974	10.07956	10.67644	2.746875
protein_co	Lipid_phos	0	0	0	27	22	16	0	0	0	0.787597
protein_co	olfactory_r	0	0	0	0	0	1	0	0	0	0
protein_co	zinc_finger	1417	1104	1103	1271	1491	1635	6.380176	6.374428	5.992201	8.882574
protein_co	INTS3_and_	669	514	531	209	273	275	7.410683	7.301374	7.096998	3.593427
protein_co	UDP-glucos	919	743	818	542	780	551	10.75416	11.1496	11.54948	9.844435
protein_co	sorting_nex	800	636	589	563	691	308	4.921545	5.01739	4.371946	5.375889
protein_co	stomatin	208	195	174	547	778	738	3.24024	3.895452	3.270478	13.2261
protein_co	gelsolin	18756	15221	15954	1388	1487	786	136.2673	141.8091	139.8521	15.65206
protein_co	mitochond	195	171	185	295	302	399	4.696227	5.281045	5.37569	11.02724
protein_co	nuclear_rec	9	13	10	3785	4361	3190	0.060021	0.111177	0.080466	39.17957
protein_co	crumbs_ho	10	5	4	73	111	73	0.084487	0.054171	0.040775	0.957284
protein_co	aminolevul	627	466	471	289	316	211	9.054524	8.629654	8.206672	6.477783
protein_co	astrotactin	444	374	325	363	421	309	4.385753	4.737422	3.873402	5.565424
protein_co	WD_repeat	26	17	12	18	27	15	0.249926	0.209554	0.139177	0.26856
protein_co	polymerase	676	601	659	598	652	951	13.2294	15.08264	15.56063	18.16457
protein_co	surfeit_4	12035	9124	10027	3915	4838	3987	189.1157	183.8553	190.1081	95.4869
protein_co	globoside_	236	171	190	70	94	49	3.753746	3.487855	3.646318	1.72815
protein_co	surfeit_1	444	321	335	483	492	479	19.04773	17.65935	17.34016	32.16161
protein_co	surfeit_2	125	97	83	195	263	312	6.961107	6.927067	5.57692	16.85518
protein_co	surfeit_6	1068	829	882	1958	2561	2682	19.99143	19.89924	19.92	56.88737
protein_co	mediator_c	1266	887	978	1069	1495	1938	13.55314	12.17697	12.63261	17.76292
protein_co	REX4_RNA_	699	559	531	786	1063	1025	13.88819	14.24261	12.72949	24.23937
protein_co	ribosomal_	15789	12940	13047	21591	22628	19946	636.0365	668.4532	634.1414	1349.99
protein_co	general_tra	1725	1263	1424	1734	2285	1984	33.64612	31.59065	33.51228	52.49591
protein_co	ankyrin_rep	522	381	416	255	383	365	10.50497	9.832383	10.10103	7.965171
protein_co	prostaglanc	1178	808	916	1442	1807	1771	23.69646	20.84293	22.23216	45.02294
protein_co	N-terminal_	1228	1030	915	877	1076	1054	38.72289	41.65009	34.81277	42.92393
protein_co	CDKN1A_in	3409	2645	2818	1385	1732	1383	50.68106	50.42591	50.54844	31.95942
protein_co	solute_carr	470	372	406	266	337	347	5.933847	6.022694	6.184614	5.212554
protein_co	SH3-domai	1244	918	917	960	1244	966	12.08185	11.43313	10.7456	14.47154
protein_co	family_witl	635	495	512	483	753	659	6.852741	6.85023	6.666665	8.090367
protein_co	prostaglanc	7	4	4	8	11	4	0.175712	0.128758	0.121147	0.311691
protein_co	lipocalin_2	0	0	0	2	9	2	0	0	0	0.131253
protein_co	leucine_ric	443	373	363	467	558	471	6.152926	6.643488	6.083207	10.06759
protein_co	hemicentin	6	3	2	333	572	292	0.058588	0.037565	0.023563	5.046996
protein_co	G_protein-r	3760	2843	3083	1531	1725	1339	23.97749	23.24888	23.72124	15.1538
protein_co	chromoson	399	264	304	336	458	362	19.52935	16.57022	17.95298	25.52611
protein_co	inositol_pc	855	593	634	579	834	358	11.81231	10.50588	10.56832	12.41588
protein_co	SEC16_hon	5894	4388	4902	1843	2505	2175	31.38426	29.96247	31.49365	15.23202
protein_co	WD_repeat	465	386	344	423	577	673	11.80501	12.56638	10.53707	16.66803
protein_co	notch_1	3947	3047	3392	4094	5285	2497	19.74975	19.55133	20.47851	31.79602
protein_co	calcium_ch	6	3	2	443	524	361	0.02872	0.018415	0.011551	3.291287
protein_co	NACC_fami	1569	1171	1276	854	1182	843	10.816	10.35166	10.61311	9.137599
protein_co	proline_an	57	32	52	186	325	127	0.801899	0.577304	0.882666	4.061519
protein_co	USP6_N-ter	530	444	422	519	578	510	5.165602	5.549289	4.962557	7.851323
protein_co	COMM_dor	103	89	61	2	6	4	2.109027	2.336922	1.507033	0.063563
protein_co	methionine	393	294	274	226	276	187	10.22062	9.804859	8.59772	9.122704
protein_co	prenyl_(de	120	86	92	98	123	181	3.460518	3.180297	3.201074	4.386482
protein_co	family_witl	2226	1663	1791	1132	1495	1236	26.41123	25.30259	25.63935	20.84685
protein_co	family_witl	290	241	266	111	158	177	5.54572	5.909984	6.137473	3.294681
protein_co	solute_carr	0	0	1	0	0	1	0	0	0.020148	0
protein_co	transmemb	1	0	0	0	0	1	0.008582	0	0	0
protein_co	Ras_suppre	2111	1745	1864	642	731	801	25.25767	26.77379	26.90909	11.92259
protein_co	ST8_alpha-l	31	11	24	54	100	37	0.63866	0.29061	0.596578	1.726762
protein_co	par-3_parti	1544	1279	1325	1342	1458	1212	12.05632	12.807	12.48335	16.26486
protein_co	zinc_finger	2221	1981	2057	5	3	8	16.61764	19.00704	18.56962	0.058066
protein_co	family_witl	13	8	12	9	11	8	0.17638	0.139189	0.196443	0.189531
protein_co	nuclear_rec	544	421	471	351	410	406	13.7882	13.68359	14.40382	13.80849
protein_co	APOBEC1_c	0	0	1	0	2	0	0	0	0.02537	0
protein_co	cadherin-re	63	40	47	104	132	98	0.544228	0.443108	0.489876	1.394455
protein_co	leucine-rich	0	0	0	0	3	2	0	0	0	0
protein_co	retinal_G_p	0	0	0	0	4	1	0	0	0	0

protein_co	polymerase	1185	975	1040	1059	1277	1402	8.368173	8.8293	8.861224	11.6075
protein_co	HECT_and_	1040	896	940	505	546	307	7.630358	8.430026	8.321229	5.750868
protein_co	chromosor	0	1	2	1	4	0	0	0.015328	0.028843	0.018552
protein_co	calcium/ca	685	591	599	665	841	656	8.218951	9.093324	8.671629	12.38449
protein_co	adipogenes	3	4	7	3	6	0	0.153402	0.262289	0.431874	0.238102
protein_co	glutamate_	1902	1519	1468	1588	1829	1609	29.34676	30.05501	27.329	38.03038
protein_co	ankyrin_re	329	256	317	4	1	27	7.795258	7.778286	9.062372	0.147104
protein_co	5-hydroxyt	96	67	65	467	668	509	1.346125	1.204754	1.099703	10.16393
protein_co	ribonuclea	408	339	324	508	536	783	4.47826	4.771536	4.290839	8.654527
protein_co	fragile_site	489	439	384	322	400	229	4.796908	5.522381	4.544978	4.90274
protein_co	adducin_3_	2949	2291	2436	1469	1557	1277	31.88348	31.76328	31.77725	24.65149
protein_co	ventral_ant	12	18	13	0	0	0	0.125207	0.24084	0.163659	0
protein_co	DnaJ_(Hsp4	917	671	746	406	515	728	9.86196	9.25392	9.680121	6.777202
protein_co	eukaryotic_	5375	4247	4618	7254	8704	7462	34.72976	35.18964	36.00189	72.74971
protein_co	pleckstrin_	0	0	1	0	0	0	0	0	0.016625	0
protein_co	transcriptic	706	562	610	532	626	849	8.127756	8.296819	8.47313	9.506225
protein_co	antigen_ide	7111	5800	6491	5151	4652	4565	26.30028	27.5085	28.96605	29.57002
protein_co	cytochrom	3	4	1	0	2	0	0.063081	0.107856	0.02537	0
protein_co	internexin_	236	169	139	1295	1478	1204	3.424959	3.145136	2.43392	29.17049
protein_co	fucose_mu	173	129	149	136	199	158	9.35637	8.946648	9.722895	11.41644
protein_co	leucine_ric	225	160	161	66	59	19	1.294986	1.180897	1.118038	0.589599
protein_co	mitochond	44	41	40	22	48	61	0.755737	0.903048	0.828945	0.586504
protein_co	NK6_home	1	0	4	31	27	8	0.044194	0	0.213291	2.12646
protein_co	polyamine_	102	83	80	55	72	43	2.574156	2.6861	2.435974	2.154407
protein_co	glutathione	1889	1561	1596	983	1074	875	84.197	89.22302	85.83128	68.00622
protein_co	TAF5_RNA_	158	128	154	272	384	261	2.26702	2.355145	2.666043	6.05756
protein_co	peroxisome	1865	1518	1647	1739	2368	2989	16.40711	17.12515	17.48215	23.7456
protein_co	inositol_14	2038	1580	1686	327	386	499	21.90781	21.78016	21.86756	5.455982
protein_co	cyclin_M2	144	126	116	660	734	404	1.665967	1.86932	1.619235	11.85163
protein_co	programme	2118	1665	1852	2514	3209	3483	15.39021	15.51466	16.23707	28.35401
protein_co	ADAM_met	8297	6458	6883	5	4	7	49.01064	48.9189	49.05634	0.045843
protein_co	regulator_c	399	318	375	235	287	190	21.95906	22.44281	24.90119	20.07424
protein_co	BTB_(POZ)_	616	501	470	221	272	262	11.53524	12.03076	10.6192	6.423457
protein_co	adrenomed	1233	939	1004	463	598	878	30.60635	29.88982	30.06978	17.83856
protein_co	growth_arr	336	277	269	16	13	10	6.891971	7.286069	6.657398	0.509395
protein_co	solute_carr	2	4	4	44	64	48	0.015005	0.038483	0.036208	0.51237
protein_co	lin-7_homo	473	363	378	453	602	629	4.731011	4.655955	4.561762	7.03269
protein_co	leucine_ric	510	377	382	1	3	1	5.898843	5.591745	5.330992	0.017953
protein_co	IMP1_inner	170	108	121	123	156	152	7.470762	6.08624	6.415779	8.389799
protein_co	post-GPI_at	267	200	229	429	476	485	6.071598	5.832182	6.283119	15.14187
protein_co	terminal_u	230	177	162	302	320	241	3.20687	3.164726	2.725314	6.535682
protein_co	secretoglob	0	0	0	0	1	0	0	0	0	0
protein_co	synaptotag	1	0	2	1	0	0	0.013268	0	0.032018	0.020594
protein_co	zinc_finger_	42	33	22	20	27	33	0.734569	0.740128	0.464253	0.54293
protein_co	zinc_finger_	78	52	59	128	193	195	1.060737	0.90683	0.968084	2.701802
protein_co	hydroxyste	1727	1336	1345	1263	1432	1247	18.86744	18.71701	17.72928	21.4168
protein_co	APAF1_inte	203	152	182	253	268	243	2.076953	1.994268	2.246725	4.017737
protein_co	peptidase_(	213	168	152	35	63	58	3.17772	3.214065	2.736073	0.810465
protein_co	diacylglyce	2620	1805	1910	3389	4600	3000	21.41395	18.9183	18.83549	42.99298
protein_co	eukaryotic_	1398	1075	1126	2050	2097	2324	12.97807	12.79737	12.61216	29.53843
protein_co	tankyrase_1	5806	4487	4754	4277	6359	4884	45.73983	45.3297	45.18816	52.29825
protein_co	serpin_pep	3	3	4	693	751	734	0.063052	0.080856	0.101435	22.60708
protein_co	structure_s	3388	2748	2935	5076	5286	5538	25.23243	26.24471	26.37375	58.67698
protein_co	solute_carr	225	201	220	474	452	420	4.060914	4.652074	4.790843	13.27853
protein_co	protein_tyr	259	201	239	505	594	348	2.371049	2.359643	2.639896	7.175673
protein_co	chromosor	773	623	581	370	438	359	16.92946	17.4969	15.35281	12.57755
protein_co	ADP-ribosy	1356	1098	1183	1094	1288	1608	21.36521	22.18499	22.48952	26.7544
protein_co	CUGBP_Ela	2431	2015	2156	3724	4479	3404	14.86951	15.80505	15.9114	35.35507
protein_co	chromosor	466	363	402	438	544	506	12.89891	12.88496	13.42583	18.81792
protein_co	coiled-coil_	5	6	6	2	5	6	0.088942	0.136866	0.128776	0.05522
protein_co	sestrin_3	581	431	516	565	556	368	2.858367	2.719121	3.062948	4.314404
protein_co	endonuclea	1163	952	947	138	139	76	11.63497	12.21326	11.43098	2.142866
protein_co	coiled-coil_	545	405	429	126	149	204	6.823781	6.502688	6.480879	2.448666
protein_co	kelch-like_f	43	26	40	24	25	16	0.807477	0.626101	0.906296	0.699526
protein_co	teneurin_tr	2448	1964	2030	359	426	416	8.199054	8.435351	8.203448	1.866282

protein_co	serpin_pep	43670	33417	34805	11469	14908	11547	603.8593	592.556	580.6872	246.155
protein_co	calpain_5	1161	900	1078	762	1066	836	12.38101	12.30767	13.87046	12.61274
protein_co	integrator_	521	390	450	339	438	418	7.062648	6.779595	7.360213	7.132799
protein_co	p21_protei	2321	1953	2083	3846	4113	3276	29.12275	31.42454	31.53513	74.90263
protein_co	ribosomal_	24020	18955	19460	34498	38389	31479	537.0998	543.5194	525.0164	1197.309
protein_co	zinc_finger	317	235	248	66	68	88	1.557759	1.480874	1.470418	0.503403
protein_co	tetratricop	96	59	76	80	101	92	1.508021	1.188495	1.440448	1.950547
protein_co	neural_cell	4131	2929	3229	112	107	141	33.18531	30.17306	31.29729	1.396494
protein_co	dopamine_	10	11	9	5	6	7	0.168125	0.237156	0.182567	0.130477
protein_co	5-hydroxyt	0	0	0	0	0	1	0	0	0	0
protein_co	nuclear_pr	336	275	304	266	183	423	2.575616	2.703236	2.811665	3.164856
protein_co	ataxia_tela	1725	1514	1502	656	682	607	6.152375	6.924508	6.463559	3.631517
protein_co	aminoadip	338	285	299	332	327	377	3.080433	3.330805	3.287867	4.696384
protein_co	galactosida	1	2	1	198	244	208	0.008342	0.021395	0.010065	2.563672
protein_co	SLX4_inter	36	35	29	40	37	26	1.199745	1.495766	1.166091	2.069078
protein_co	late_endos	1379	1059	1078	945	1003	1250	48.03962	47.30866	45.31084	51.09726
protein_co	prolyl_4-hy	960	838	932	4	2	1	17.13529	19.18111	20.07171	0.110818
protein_co	glutamate_	10	16	13	45	50	45	0.080817	0.165818	0.126763	0.564476
protein_co	suppressio	1	4	1	1171	1500	1165	0.01325	0.067962	0.015986	24.0817
protein_co	hypoxia_up	7541	5733	6172	4299	5218	5095	78.05687	76.09804	77.08256	69.06851
protein_co	chromoson	0	1	0	0	0	0	0	0.099224	0	0
protein_co	ADAM_met	243	209	245	101	127	73	3.098796	3.417766	3.769649	1.999119
protein_co	solute_carr	0	0	0	2	0	0	0	0	0	0.019208
protein_co	CSRP2_bin	218	205	230	360	373	306	2.603011	3.138938	3.313564	6.671945
protein_co	dihydroxya	410	338	367	753	965	649	4.09389	4.327911	4.421467	11.67019
protein_co	metastasis_	3316	2565	2707	2598	3258	2943	50.84607	50.43588	50.08172	61.83189
protein_co	transmemb	329	273	291	237	224	288	5.433891	5.782118	5.799039	6.075665
protein_co	fatty_acid_	7504	6231	6386	2080	2371	3077	77.79409	82.83634	79.87866	33.46938
protein_co	transmemb	3	0	1	7	5	1	0.044389	0	0.017853	0.160763
protein_co	retinal_out	29	36	32	11	23	12	0.724074	1.152648	0.964013	0.426293
protein_co	echinoderm	1085	845	979	600	835	512	13.88149	13.86349	15.11253	11.91484
protein_co	inner_cent	1990	1519	1735	2563	3496	2535	23.53964	23.04167	24.76249	47.05717
protein_co	zona_pellu	0	4	0	0	1	2	0	0.123091	0	0
protein_co	membrane-	0	0	0	0	1	1	0	0	0	0
protein_co	phospholip	433	397	487	10	5	9	2.906295	3.417053	3.943927	0.10418
protein_co	FSHD_regic	206	170	185	262	323	216	9.387117	9.93398	10.1715	18.53091
protein_co	cleavage_a	1488	1184	1244	1200	1523	2024	18.92388	19.30938	19.08867	23.68749
protein_co	beta-13-glu	1025	784	760	513	648	388	23.37659	22.92887	20.91312	18.15955
protein_co	etoposide_	1742	1374	1488	1878	2107	1908	33.38063	33.76311	34.40309	55.85634
protein_co	coiled-coil_	61	78	66	30	41	36	0.728922	1.195241	0.951576	0.55642
protein_co	checkpoint	825	650	653	1050	1087	1341	11.04633	11.16058	10.54934	21.82147
protein_co	fasciculatic	200	191	183	566	588	583	4.869161	5.963028	5.375554	21.38804
protein_co	endothelial	4	2	1	0	0	2	0.080291	0.051481	0.024219	0
protein_co	kin_of_IRR	138	113	127	9	27	17	1.699271	1.784314	1.886841	0.172011
protein_co	myelin_pro	1	0	2	6	10	14	0.017897	0	0.043187	0.166671
protein_co	sodium_ch	2	0	0	3	3	2	0.016097	0	0	0.037477
protein_co	SID1_trans	775	605	610	404	489	360	8.24779	8.256588	7.832741	6.673409
protein_co	transmemb	520	446	452	202	204	187	7.523236	8.274572	7.890197	4.536106
protein_co	transgelin	3645	2895	2909	168	176	421	51.82356	52.78222	49.90241	3.7074
protein_co	junctophili	340	240	256	10	18	17	3.330396	3.014654	3.025554	0.152036
protein_co	dual_specif	147	109	135	37	72	27	3.979695	3.78415	4.409754	1.554765
protein_co	COMM_dor	719	555	542	671	823	793	17.67904	17.49976	16.07967	25.60841
protein_co	chromoson	2	2	0	0	1	0	0.164238	0.210612	0	0
protein_co	KIAA1755	50	29	45	3	4	6	0.364676	0.271234	0.396002	0.033962
protein_co	spermatog	8	8	11	26	32	25	0.495535	0.635454	0.822101	2.499703
protein_co	osteoclast_	0	0	0	2	1	6	0	0	0	0.071248
protein_co	DSN1_MIN	429	349	336	332	434	332	8.220604	8.575929	7.768439	9.874497
protein_co	suppressor	4125	3245	3557	1579	2173	991	13.45914	13.57743	14.00314	7.996612
protein_co	cyclic_nucl	3	2	1	1	3	0	0.055579	0.047515	0.022353	0.028755
protein_co	serine_pep	2	0	0	0	0	0	0.183164	0	0	0
protein_co	cadherin_2	0	0	0	2	4	4	0	0	0	0.03976
processed_	long_interg	0	0	0	2	0	0	0	0	0	0.156853
protein_co	LSM14B_SC	1239	1019	1087	1416	1793	1464	22.39658	23.62076	23.70762	39.72868
protein_co	YTH_domai	1597	1134	1214	1249	1601	1887	22.68505	20.65652	20.80662	27.53771
protein_co	Cdk5_and_	493	430	456	211	294	195	6.107471	6.831126	6.815966	4.05721

protein_co	oral_cance	387	287	344	254	322	369	4.80573	4.570247	5.154124	4.895675
protein_co	glycoprotei	0	0	1	7	9	6	0	0	0.075737	0.682006
protein_co	solute_carr	0	0	0	0	0	1	0	0	0	0
protein_co	tRNA_phos	393	295	277	431	411	261	10.18672	9.805578	8.663026	17.34002
protein_co	nudix_(nuc	487	379	328	311	470	285	11.11214	11.08963	9.030056	11.01436
protein_co	fermitin_fa	58	39	41	40	69	53	1.092656	0.94217	0.931939	1.169623
protein_co	phospholip	2044	1551	1672	1972	2541	2647	21.44623	20.8685	21.16676	32.11496
protein_co	mitochond	1074	797	857	772	839	1146	19.93661	18.97207	19.19446	22.24307
protein_co	CDC42_effe	671	524	573	209	291	138	14.78534	14.8064	15.23391	7.148016
protein_co	Finkel-Biski	1532	1195	1165	2096	2531	1958	48.40668	48.41988	44.41406	102.7941
protein_co	transmemb	706	552	548	755	974	845	15.80915	15.85083	14.80582	26.24105
protein_co	vacuolar_p	2529	1756	2011	2341	2931	2325	43.69376	38.90491	41.92091	62.77727
protein_co	T-box_6	12	14	2	67	104	34	0.260259	0.38937	0.052336	2.255433
protein_co	protein_ph	2712	1986	2120	2347	3186	2747	85.34613	80.14616	80.49669	114.6404
protein_co	aldolase_A_	18629	14623	15378	24634	22353	18806	344.7175	346.9921	343.3379	707.5208
protein_co	family_witl	5	7	6	379	462	184	0.101362	0.181975	0.146759	11.92544
protein_co	double_C2-	9	9	10	78	155	45	0.112566	0.14435	0.150908	1.514224
protein_co	HIRA_interi	296	218	254	415	511	367	4.100279	3.872465	4.245252	8.922782
protein_co	TAO_kinase	2409	1783	1899	1013	1540	1192	21.85298	20.74123	20.78485	14.2631
protein_co	transmemb	1038	789	868	667	717	606	37.6717	36.72013	38.00893	37.57285
protein_co	high_mobil	10408	8625	9057	3001	4057	3367	60.29544	64.07456	63.30669	26.98446
protein_co	matrix_met	1	0	1	2	2	0	0.023259	0	0.028063	0.072202
protein_co	connector_	105	48	52	83	92	94	0.86864	0.509215	0.519041	1.065759
protein_co	contactin_	0	0	1	3	0	2	0	0	0.009041	0.03489
protein_co	killer_cell_l	2	1	1	2	0	0	0.075386	0.048336	0.045479	0.117009
protein_co	C-type_lect	7	9	3	0	0	2	0.122246	0.201552	0.063213	0
protein_co	mohawk_h	2417	1712	1864	32	41	33	29.46014	26.75909	27.41272	0.605395
protein_co	membrane_	87	59	66	143	216	157	0.803038	0.698358	0.735036	2.048723
protein_co	chromosor	7	0	1	1	1	1	0.120275	0	0.020731	0.026669
protein_co	glutamate_	2	2	3	3	5	4	0.015034	0.019279	0.027208	0.035002
protein_co	integrin_be	28156	22467	24345	6620	7020	5652	348.8994	357.0127	363.988	127.3262
protein_co	annexin_A8	0	0	0	2	0	0	0	0	0	0.074493
protein_co	protocadhe	4	4	5	10	8	4	0.020259	0.02598	0.030555	0.078613
protein_co	cardiotropl	111	69	84	24	31	19	3.12788	2.493363	2.855975	1.049709
processed_	CWC15_spl	727	566	581	408	463	606	21.64384	21.60855	20.87008	18.85343
protein_co	Fc_fragmer	2	2	1	2	5	0	0.043018	0.055165	0.025952	0.06677
protein_co	AT_rich_int	1162	898	943	40	51	40	6.904854	6.842803	6.760956	0.368926
protein_co	kelch-like_f	4	0	0	0	0	0	0.04558	0	0	0
protein_co	cadherin_8	2	1	0	66	91	55	0.009647	0.006186	0	0.494133
protein_co	DCN1_defe	304	286	265	440	569	452	4.505236	5.435247	4.738467	10.12108
protein_co	transmemb	2014	1604	1737	799	1050	791	30.96279	31.62236	32.22021	19.06592
protein_co	transmemb	219	190	217	150	188	167	2.258393	2.512571	2.699997	2.400917
protein_co	toll-interle	123	98	128	43	90	58	2.56903	2.62482	3.225686	1.394001
protein_co	N-6_adenir	81	55	57	18	30	37	3.645001	3.173838	3.094821	1.257233
protein_co	large_tumc	1219	839	1040	608	686	420	10.37179	9.154219	10.67656	8.029417
protein_co	Sin3A-assoc	1788	1489	1541	2268	2692	2232	36.48362	38.96139	37.93858	71.82967
protein_co	latrophilin_	990	710	759	414	370	275	6.859926	6.308875	6.34562	4.452614
protein_co	KIAA1328	122	95	104	47	80	68	0.972723	0.97132	1.000485	0.581644
protein_co	family_witl	21	13	26	1429	1655	1551	0.206824	0.164186	0.308961	21.84464
protein_co	CTAGE_fam	22	21	17	4	10	0	0.267249	0.327131	0.249167	0.075419
protein_co	histamine_	4	6	1	22	18	40	0.056992	0.109626	0.017191	0.486526
protein_co	LY6/PLAUR	333	253	238	13	22	11	8.257206	8.044864	7.120555	0.500337
protein_co	LY6/PLAUR	12	8	9	17	19	17	0.32733	0.279836	0.296207	0.719754
protein_co	programme	1288	997	1117	468	487	241	16.52828	16.40652	17.2947	9.321551
protein_co	adrenocept	14	2	9	23	43	94	0.169672	0.031083	0.131605	0.432653
protein_co	glycoprotei	6	6	0	61	63	62	0.098577	0.126412	0	1.55556
protein_co	WD_repeat	13	22	5	34	34	17	0.082408	0.178837	0.038242	0.334529
protein_co	spermatog	6	1	0	0	0	2	0.133021	0.02843	0	0
protein_co	vascular_er	365	296	356	22	31	13	8.280047	8.61075	9.744015	0.774628
protein_co	coiled-coil_	56	56	50	11	11	9	0.968588	1.242076	1.043443	0.295307
protein_co	CD226_mo	1	1	0	0	0	0	0.017775	0.022794	0	0
protein_co	carnosine_	0	0	1	0	1	0	0	0	0.013762	0
protein_co	fibrous_she	17	8	16	6	1	10	0.284182	0.171493	0.322712	0.155679
protein_co	discs_large_	107	55	70	100	103	52	0.635898	0.419156	0.501937	0.922431
protein_co	regulator_c	1	2	1	0	0	0	0.021809	0.055935	0.026314	0

protein_co	protease_se	3203	2686	2995	107	139	196	28.21505	30.34166	31.83236	1.462979
protein_co	myotubula	668	501	573	824	979	904	6.03866	5.807794	6.24981	11.5617
protein_co	protein_ph	12	3	2	26	19	24	0.18731	0.06005	0.037667	0.629918
protein_co	chaperonin	4367	3709	3913	7469	7654	8573	55.71938	60.6861	60.23944	147.9163
protein_co	family_witl	196	166	174	64	66	109	4.766827	5.177151	5.105881	2.415927
protein_co	dedicator_(	2719	2166	2282	1073	1191	1087	18.75739	19.16156	18.99445	11.48929
protein_co	DIX_domai	788	576	611	404	519	357	6.266848	5.874281	5.862896	4.986947
protein_co	dihydrolipo	874	677	797	1295	1545	1651	9.192884	9.13142	10.11455	21.14173
protein_co	PIH1_doma	6	2	5	2	2	2	0.153069	0.06543	0.153905	0.079195
protein_co	chromosor	621	515	551	385	511	525	7.787831	8.28212	8.337284	7.494042
protein_co	translocase	806	580	644	725	814	1193	32.72152	30.19505	31.54513	45.68429
protein_co	interleukin	1	0	1	4	2	3	0.027631	0	0.033339	0.171549
protein_co	6-pyruvoyl	409	299	353	161	168	189	17.94015	16.81834	18.68209	10.96122
protein_co	phosphatid	1083	879	890	734	922	653	13.35663	13.90165	13.24361	14.0506
protein_co	chromosor	1	0	0	5	5	6	0.01747	0	0	0.135581
protein_co	FRAS1_rela	602	484	502	1400	1538	922	1.897539	1.956361	1.909176	6.849403
protein_co	forkhead_b	208	162	181	856	1070	1299	1.700632	1.698523	1.785556	10.86304
protein_co	cysteine_ri	2198	1699	1964	619	663	573	17.43306	17.2802	18.7947	7.620213
protein_co	SEC24_fam	5245	4002	4490	713	829	835	60.50139	59.1979	62.49053	12.76556
protein_co	ATP-bindin	410	324	314	94	137	105	3.177145	3.219642	2.93583	1.130607
protein_co	Rab_intera	203	170	175	101	123	77	6.633222	7.12339	6.899452	5.122481
protein_co	DEAH_(Asp-	1154	848	944	1082	1419	2144	11.89255	11.20661	11.73786	17.3072
protein_co	ubiquitin_(	14396	11739	12370	8304	8622	8677	180.248	188.4816	186.8729	161.3788
protein_co	inositol_14	478	359	378	98	106	64	2.198041	2.116956	2.097238	0.699463
protein_co	protease_se	24	25	35	10	23	9	0.205021	0.273865	0.360747	0.132592
protein_co	solute_carr	360	270	331	134	225	419	1.750172	1.68326	1.941575	1.011145
protein_co	CCR4_carb	301	217	208	400	490	386	7.98749	7.384361	6.659709	16.47534
protein_co	enkurin_TR	15	10	15	3	6	0	0.207969	0.177794	0.250926	0.064559
protein_co	G_protein-	3	1	3	10	9	3	0.020214	0.008641	0.024389	0.104584
protein_co	calcium_ch	20	21	14	1	3	3	0.157985	0.212723	0.133433	0.012261
protein_co	DCP1_deca	237	200	210	404	359	163	5.327389	5.765081	5.695521	14.09542
protein_co	calcium_ch	375	267	292	56	75	45	2.087093	1.905597	1.960836	0.483759
protein_co	potassium_	81	67	54	86	126	80	0.635451	0.674033	0.511139	1.047191
protein_co	thyroid_ho	39	12	28	136	169	82	0.245168	0.096737	0.212376	1.326995
protein_co	N-glycanase	302	253	226	239	342	297	4.430784	4.759962	4.000646	5.442545
protein_co	3-oxoacyl-A	75	77	58	31	28	21	2.315175	3.048054	2.160223	1.485302
protein_co	UEV_and_la	531	369	421	109	114	95	5.991001	5.338762	5.731061	1.908806
protein_co	transmemb	36	23	18	41	53	23	0.469552	0.384697	0.283271	0.830034
protein_co	chromosor	121	92	101	271	320	256	5.016527	4.891195	5.052278	17.43884
protein_co	chromosor	2865	2310	2398	172	234	165	39.95833	41.31464	40.35338	3.723416
protein_co	BTB_(POZ)_	1452	1076	1187	234	274	279	11.80584	11.21895	11.64472	2.953091
protein_co	ubiquitin_p	913	760	803	433	480	512	7.481752	7.986481	7.939554	5.507454
protein_co	ankyrin_3_	1193	962	1064	970	975	1053	3.787136	3.91611	4.075305	4.779393
protein_co	inositol_pc	129	117	112	379	461	404	0.986273	1.147104	1.033174	4.497561
protein_co	RAD9_hom	21	4	11	11	13	6	0.346356	0.0846	0.218899	0.281596
protein_co	phospholip	1306	968	1014	708	809	645	23.80037	22.6217	22.29598	20.02647
protein_co	discs_large	4455	3292	3732	1408	1731	1777	28.17195	26.69552	28.47468	13.81982
protein_co	methionine	0	0	0	16	20	12	0	0	0	0.341489
protein_co	solute_carr	274	250	260	257	271	212	1.834623	2.146573	2.100476	2.670914
protein_co	glucoside_x	836	630	754	317	394	310	5.228765	5.052924	5.69	3.077391
protein_co	twinfilin_a	1616	1211	1262	360	336	438	22.82357	21.93289	21.50551	7.891786
protein_co	DIP2_disco	2404	1787	1927	584	716	433	14.27966	13.61185	13.81062	5.384267
protein_co	eukaryotic_	992	791	874	1249	1186	1346	4.0367	4.127629	4.291156	7.888742
protein_co	membrane_	548	451	476	1290	1567	1298	3.465371	3.657254	3.631819	12.66162
protein_co	testis_expr	201	154	162	92	103	107	5.580162	5.482527	5.426425	3.964323
protein_co	casein_kina	774	582	696	492	517	399	8.133768	7.843017	8.824866	8.025025
processed_	ankyrin_rep	1	1	0	1	0	2	0.010283	0.013186	0	0.01596
protein_co	serum_resp	225	158	172	207	184	327	3.69536	3.327673	3.408402	5.276854
protein_co	A_kinase_(P	119	96	99	2	4	10	0.642403	0.664571	0.644828	0.016758
protein_co	neuronal_P	130	100	90	116	126	81	1.042535	1.028387	0.870839	1.443895
protein_co	family_witl	912	709	868	387	468	396	12.59608	12.5573	14.46467	8.296254
protein_co	MAP3K12_	277	225	254	193	210	254	7.910192	8.239467	8.751631	8.554508
protein_co	mirror-ima	112	99	133	110	102	123	0.706441	0.80076	1.012179	1.076914
protein_co	exostosin_g	2568	2085	2063	833	880	786	34.86206	36.29723	33.79133	17.55228
protein_co	transmemb	373	302	326	245	321	339	6.332359	6.574655	6.67763	6.455848

protein_co	allantoicas	0	0	0	0	1	0	0	0	0	0
protein_co	potassium_	0	2	0	11	34	12	0	0.071117	0	0.473435
protein_co	thyroid_ho	1	0	0	1	0	1	0.03994	0	0	0.061993
protein_co	NADH_deh	73	62	58	41	63	82	1.359401	1.480559	1.303169	1.185056
protein_co	malic_enzy	223	187	190	7	9	13	4.524653	4.865544	4.651383	0.220449
protein_co	mesogenin_	2	2	5	0	0	0	0.154753	0.198448	0.466795	0
protein_co	ADAM_met	2660	2095	2224	289	344	285	14.21557	14.35741	14.34054	2.397238
protein_co	nucleotide_	194	131	169	216	236	166	1.807763	1.565382	1.900091	3.124093
protein_co	NIMA-relat	2303	1751	1966	190	179	122	26.02741	25.37654	26.80825	3.33289
protein_co	fer_(fps/fes	647	575	611	157	130	224	2.503329	2.852928	2.85235	0.942852
protein_co	VPS33B_int	475	390	401	348	350	353	7.59126	7.992713	7.732371	8.632369
protein_co	ankyrin_rep	1893	1572	1770	594	646	636	10.09356	10.7487	11.38716	4.915988
protein_co	UPF2_regul	802	642	723	528	523	946	6.752701	6.931824	7.344961	6.900294
protein_co	cell_divisio	1063	809	804	1202	1272	1477	32.32431	31.5467	29.49851	56.73237
protein_co	sodium_ch	338	309	274	140	136	163	4.314954	5.058564	4.220443	2.774074
protein_co	coiled-coil_	9	7	8	26	33	20	0.132708	0.132361	0.142328	0.595055
protein_co	chromosor	49	45	54	26	23	37	0.802799	0.945437	1.067462	0.661172
protein_co	FERM_dom	2982	2459	2459	323	412	361	20.51739	21.69614	20.41367	3.449432
protein_co	protein_tyr	10	3	2	14	3	8	0.088455	0.034029	0.021345	0.192212
protein_co	epidermal_	1355	1077	1157	147	175	125	15.6454	15.94676	16.11866	2.634482
protein_co	acyl-CoA_d	398	307	358	1060	1346	1514	5.629631	5.568581	6.109813	23.27197
protein_co	thymocyte_	404	321	386	741	637	741	14.58319	14.85886	16.8115	41.51642
protein_co	vacuolar_p	1344	1082	1068	788	927	753	17.07401	17.62678	16.37026	15.53793
protein_co	non-SMC_c	1092	854	948	1361	1657	1225	9.25762	9.284188	9.696904	17.90875
protein_co	vesicle_tra	437	347	347	137	205	219	4.960285	5.050845	4.752288	2.413661
protein_co	quinoid_di	409	358	362	404	512	529	11.63715	13.06218	12.42739	17.84165
protein_co	family_witl	819	570	654	333	404	219	6.614351	5.903201	6.372783	4.174246
protein_co	anoctamin_	108	97	98	13	20	25	1.295503	1.492093	1.418368	0.242041
protein_co	testis_expr	35	31	29	27	72	40	0.369629	0.419825	0.369525	0.44258
protein_co	queuine_tR	508	410	449	525	642	967	5.920987	6.128068	6.314293	9.497737
protein_co	methylmal	95	70	69	68	76	55	0.630242	0.595513	0.552308	0.700202
protein_co	zinc_finger_	1518	1219	1363	854	952	683	9.537592	9.821549	10.33263	8.32828
protein_co	POU_class_	0	0	2	0	0	0	0	0	0.03599	0
protein_co	endothelin	2069	1638	1709	21	40	22	23.46202	23.81925	23.38272	0.369619
protein_co	nuclear_rec	14	4	13	29	24	17	0.111095	0.040704	0.124468	0.357186
pseudogen	aldo-keto_r	1	0	0	0	0	0	0.047701	0	0	0
protein_co	aldo-keto_r	7	5	9	4	11	4	0.097081	0.088923	0.1506	0.086104
protein_co	dihydropyr	146	102	111	521	778	614	2.50859	2.247431	2.301166	13.89457
protein_co	VENT_hom	0	0	1	1065	1431	1505	0	0	0.019435	26.62676
protein_co	ADAM_met	19	26	26	80	106	40	0.271702	0.476784	0.448601	1.775658
protein_co	inter-alpha	3	2	1	8	5	2	0.044056	0.037664	0.017719	0.182348
protein_co	KIN_antige	250	232	227	212	248	305	5.633111	6.703562	6.171379	7.414377
protein_co	phosphatid	64	60	65	58	70	49	0.868836	1.044525	1.064681	1.222128
protein_co	ankyrin_an	41	32	29	20	32	17	0.435939	0.436316	0.372038	0.330067
protein_co	inositol_pc	259	223	204	32	33	21	5.617259	6.202102	5.338299	1.077222
protein_co	major_facil	81	60	75	108	142	94	0.791764	0.752093	0.884545	1.63857
protein_co	ring_finger_	1260	1048	1043	643	742	520	10.28755	10.97267	10.27481	8.1486
protein_co	ArfGAP_wit	1400	1072	1248	449	539	292	11.49265	11.28486	12.36103	5.720961
protein_co	ADAM_met	884	704	731	387	413	308	9.531105	9.733589	9.509472	6.476381
protein_co	Friend_leul	1105	916	921	4	2	14	9.648691	10.25678	9.703173	0.054212
protein_co	potassium_	0	0	1	2	2	7	0	0	0.013887	0.035729
protein_co	transmemb	3	4	3	6	2	9	0.062968	0.107663	0.075974	0.195469
protein_co	WW_and_C	1555	1251	1342	1850	2088	1528	8.261271	8.522816	8.602348	15.25523
protein_co	MLF1_inter	627	471	507	1147	927	1571	14.71474	14.17474	14.35625	41.781
protein_co	acyl-CoA_sy	586	518	533	268	304	200	6.959866	7.88937	7.63798	4.940473
protein_co	solute_carr	430	303	346	726	1046	797	12.10247	10.93597	11.74977	31.71557
protein_co	antagonist_	65	46	52	60	44	33	1.444479	1.310887	1.394278	2.069568
protein_co	bicaudal_D	844	663	691	502	659	619	4.491564	4.524578	4.436917	4.146574
protein_co	salvador_h	749	627	674	1077	1485	1106	11.46609	12.30865	12.4492	25.59055
protein_co	coiled-coil_	8	15	10	64	80	30	0.108197	0.260152	0.163183	1.343498
protein_co	stress-assoc	26	17	30	14	13	19	1.267298	1.062585	1.764309	1.059166
protein_co	neuroblast	2260	1916	2050	982	996	629	14.55452	15.8232	15.9291	9.815927
protein_co	zinc_finger_	86	56	70	75	79	61	0.896519	0.748615	0.880455	1.213536
protein_co	tryptophar	0	2	3	1	0	5	0	0.038311	0.05407	0.023186
protein_co	GUF1_GTPa	427	323	364	630	651	743	4.500346	4.365458	4.628789	10.30597

protein_co	solute_carr	14	10	10	1	1	1	0.243133	0.222703	0.209539	0.026955
protein_co	gamma-am	2	1	2	18	8	13	0.016136	0.010346	0.019469	0.225402
protein_co	spastic_ata	3781	3208	3381	400	283	682	11.33648	12.33432	12.23108	1.861495
protein_co	poly(A)_bir	2	3	0	2	6	6	0.03035	0.058378	0	0.047107
protein_co	centromere	608	535	517	539	487	469	6.558346	7.400377	6.728672	9.024227
protein_co	F-box_prot	81	62	56	16	17	10	2.19416	2.153696	1.830288	0.672719
protein_co	chromosor	151	103	109	90	96	44	2.400133	2.099447	2.090417	2.220401
protein_co	chemokine	3	0	3	20	20	17	0.045	0	0.054295	0.465642
protein_co	poly_(ADP-	595	501	513	342	351	438	3.887357	4.19744	4.043923	3.468119
protein_co	GDNF_fami	3648	2581	2754	247	215	165	18.56063	16.83974	16.90635	1.950587
protein_co	CDK2-assoc	1263	1047	1063	835	1242	1168	8.795796	9.350349	8.93209	9.025863
protein_co	dystonin	6307	5450	6007	1600	706	1786	12.18572	13.50313	14.00342	4.798207
protein_co	BEN_domai	248	166	218	21	44	24	3.325343	2.854317	3.526869	0.437053
protein_co	TIA1_cytot	1201	938	1049	924	1103	1118	24.26321	24.30062	25.56989	28.97395
protein_co	BCL2-assoc	2683	2021	2156	668	876	439	48.93268	47.26656	47.44333	18.90973
protein_co	glycosyltra	1	0	2	355	458	350	0.015578	0	0.037592	8.583664
protein_co	transmemb	11	20	18	361	415	372	0.089299	0.208206	0.176309	4.548738
protein_co	RNA_bindir	0	0	0	3	10	5	0	0	0	0.060215
protein_co	schwannor	85	85	63	17	13	12	0.66997	0.859141	0.599135	0.207977
protein_co	Lix1_homo	1022	799	805	15	22	17	12.04363	12.07432	11.44591	0.274365
protein_co	melanin-co	2	6	2	0	0	0	0.039603	0.152356	0.047783	0
protein_co	neuroblast	23	32	32	9	12	5	0.19115	0.341041	0.320882	0.116097
protein_co	potassium_	428	395	367	0	0	4	6.098124	7.217037	6.309089	0
protein_co	adaptor-rel	27	31	32	174	238	209	0.503392	0.741162	0.719847	5.035263
protein_co	RAB_GTPas	470	335	390	1057	1237	1050	3.23095	2.953157	3.234782	11.27815
protein_co	coiled-coil_	120	141	113	108	116	100	1.662275	2.504668	1.888636	2.322073
protein_co	transmemb	223	161	201	79	106	37	1.532758	1.41907	1.666912	0.842803
protein_co	mitotic_spi	214	175	168	90	158	96	10.75505	11.27836	10.18723	7.02056
protein_co	tubulin_alp	1	0	3	1	2	0	0.030448	0	0.110212	0.04726
protein_co	astrotactin	27	21	44	71	78	78	0.177763	0.177299	0.349526	0.72555
protein_co	family_witl	4802	3893	4094	2049	2565	2759	42.6047	44.29239	43.82594	28.2168
protein_co	protein_tyr	2255	1711	1991	742	850	605	19.04485	18.53063	20.28851	9.726695
pseudogen	-	435	327	386	425	501	543	5.388945	5.194833	5.769655	8.172104
protein_co	mannosyl_	2147	1816	1962	1016	1252	1133	12.19981	13.23264	13.45142	8.96077
protein_co	transmemb	73	71	42	9	9	8	0.674079	0.840728	0.467934	0.128991
protein_co	G_patch_d	319	271	259	91	94	72	3.829471	4.171832	3.751422	1.695587
protein_co	heat_shock	98	57	64	99	136	106	2.137312	1.594139	1.684108	3.351256
protein_co	gem_(nucle	122	94	117	143	173	168	4.727754	4.67124	5.470524	8.601249
protein_co	transmemb	62	39	47	192	248	141	1.749206	1.410988	1.599909	8.407775
protein_co	POU_class_	0	0	1	2	2	24	0	0	0.014908	0.038356
protein_co	ring_finger	165	122	164	123	180	285	2.192364	2.078729	2.629182	2.536672
protein_co	cysteinyl_le	3	1	0	0	0	0	0.055208	0.023599	0	0
protein_co	glutamate_	1	3	4	578	554	633	0.008781	0.033781	0.042379	7.877664
protein_co	ADP-ribosy	0	2	1	8	20	12	0	0.031984	0.015047	0.154851
protein_co	Ras-like_wi	0	0	0	4	14	13	0	0	0	0.251833
protein_co	SET_bindin	554	457	498	197	219	125	2.624211	2.775969	2.846207	1.448391
protein_co	ADP-ribosy	312	245	253	209	256	266	4.281441	4.311326	4.188938	4.451559
protein_co	ectopic_P-g	905	722	761	554	552	492	3.359096	3.436532	3.408055	3.191642
protein_co	proline-seri	147	126	121	54	52	55	2.297611	2.525451	2.281879	1.310036
protein_co	ATP_syntha	8025	6832	6877	10553	10599	10258	82.75619	90.34677	85.56625	168.9125
protein_co	HAUS_augn	518	408	440	638	734	759	21.59025	21.80707	22.12731	41.27423
protein_co	chromosor	391	293	315	466	616	413	3.361569	3.230295	3.267562	6.218443
protein_co	SPC25_ND(	229	185	186	298	392	353	7.930439	8.215666	7.77182	16.01801
protein_co	glucose-6-p	0	0	0	0	1	0	0	0	0	0
protein_co	pyruvate_d	168	141	142	250	187	275	2.637269	2.8384	2.689562	6.091379
protein_co	parathyroi	0	0	0	0	0	1	0	0	0	0
processed_	spondin_1_	270	200	201	291	372	395	2.356721	2.238637	2.116842	3.942465
protein_co	phosphodi	143	113	132	235	284	322	1.214503	1.230695	1.352647	3.097854
protein_co	transcriptic	967	726	740	3997	4582	4522	15.27717	14.7083	14.10575	98.01242
protein_co	trans-golgi_	4302	3393	3601	1533	1636	1836	31.08659	31.44096	31.39596	17.19393
protein_co	SH2_domai	1	0	2	2	6	1	0.023742	0	0.057292	0.073701
protein_co	potassium_	12	15	7	8	14	6	0.223109	0.357632	0.15703	0.230864
protein_co	U2AF_hom	1321	1035	1113	720	895	499	7.30617	7.340686	7.427287	6.180875
protein_co	autophagy_	127	98	121	197	232	137	1.963413	1.942868	2.257051	4.727208
protein_co	POC5_cent	168	157	180	120	116	180	3.534106	4.235253	4.568681	3.918159

protein_co	sparc/ostec	1565	1318	1511	268	300	220	15.14298	16.35391	17.64044	4.024966
protein_co	family_witl	32	39	36	2	3	6	0.686719	1.073255	0.932136	0.066618
protein_co	transcriptic	235	201	235	380	400	350	4.339958	4.760177	5.236409	10.89261
protein_co	guanylate_(	117	80	101	17	16	12	0.946701	0.830092	0.986044	0.213504
protein_co	CWF19-like	222	173	203	400	341	438	3.17559	3.173415	3.503608	8.881001
protein_co	junction_m	381	334	341	562	512	461	1.97579	2.221118	2.133626	4.523584
protein_co	homer_hor	852	646	637	809	1031	880	6.793113	6.604973	6.127971	10.01171
protein_co	X-ray_repai	124	87	72	142	104	157	3.42828	3.084488	2.40179	6.093592
protein_co	bol_boule-l	0	0	0	2	7	1	0	0	0	0.04643
protein_co	zinc_finger_	9	17	12	6	8	34	0.154075	0.373204	0.247866	0.15943
protein_co	zinc_finger_	67	55	64	52	84	83	0.538688	0.567068	0.620856	0.648928
protein_co	zinc_finger_	204	165	185	235	271	376	1.807552	1.874795	1.977791	3.231907
protein_co	zinc_finger_	92	79	74	208	275	200	1.986133	2.187041	1.927526	6.969705
protein_co	suppressor_	265	231	249	241	270	408	4.02522	4.499509	4.563428	5.68187
protein_co	DNA_cross-	364	264	313	115	141	163	4.645609	4.320704	4.819851	2.278083
protein_co	oleoyl-ACP_	0	0	0	0	2	0	0	0	0	0
protein_co	ribonuclea:	84	48	60	104	121	109	2.703337	1.98094	2.329808	5.194989
protein_co	N-myristoy	366	318	320	282	322	232	5.903594	6.577666	6.227782	7.060166
protein_co	zinc_finger_	0	0	0	7	6	0	0	0	0	0.248032
protein_co	zinc_finger_	191	135	136	170	244	221	4.394501	3.983083	3.775402	6.070935
protein_co	ubiquitin_s	677	504	532	458	616	432	7.059049	6.73903	6.692944	7.412308
processed_	ARL5B_anti	12	1	3	3	10	7	0.816662	0.087271	0.246337	0.316893
protein_co	coiled-coil_	1180	1069	1112	540	592	453	6.564269	7.625905	7.463752	4.662604
protein_co	calcium/ca	994	710	862	103	95	155	3.807898	3.487921	3.984321	0.612444
protein_co	tripartite_r	15	14	8	200	209	227	0.16675	0.199577	0.107303	3.450915
protein_co	ZFP36_ring	1683	1240	1343	931	1457	2932	21.3517	20.17342	20.5576	18.33279
protein_co	PAN3_poly	606	535	602	472	612	532	5.752095	6.512033	6.894424	6.95386
protein_co	pleckstrin_	337	245	263	173	173	84	2.263563	2.110271	2.131408	1.803596
protein_co	phosphofru	1632	1399	1505	1994	2123	1512	21.38153	23.50421	23.79048	40.54846
protein_co	transmemb	1716	1273	1341	1772	1756	1791	22.48205	21.38732	21.19803	36.03403
protein_co	glutamate_	3	0	9	235	261	177	0.025026	0	0.090585	3.042742
protein_co	immunoglo	59	53	58	19	14	17	0.249978	0.287962	0.296501	0.12495
protein_co	sperm_flag	48	43	50	7	7	5	0.360346	0.413958	0.452894	0.081566
protein_co	SPARC-like_	9	2	1	8	10	8	0.140952	0.040167	0.018896	0.194468
protein_co	dentin_mat	10	1	2	3	4	2	0.174832	0.02242	0.042189	0.081409
protein_co	matrix_extr	0	0	0	2	1	2	0	0	0	0.065391
protein_co	muscleblin	1767	1512	1636	118	144	162	12.90169	14.157	14.41257	1.337281
protein_co	calcyphosir	0	1	0	0	0	0	0	0.05989	0	0
protein_co	NAD_kinase	1416	1132	1109	189	239	157	18.37196	18.83424	17.36088	3.806138
protein_co	glycerol-3-p	165	127	139	55	86	63	1.905629	1.880907	1.936945	0.985933
protein_co	gap_junctic	4620	3499	3746	8440	9509	11556	71.33088	69.27697	69.78329	202.2593
protein_co	cyclin_O	2	5	4	4	4	1	0.054334	0.174188	0.131114	0.168667
protein_co	DEAD_(Asp-	0	0	0	2	4	1	0	0	0	0.050471
protein_co	solute_carr	520	484	448	368	433	509	4.791277	5.71877	4.980512	5.262914
protein_co	pelota_hon	610	505	533	368	471	449	6.576894	6.982191	6.933719	6.15842
protein_co	RAS_guanyl	79	51	66	4	8	2	0.770608	0.637949	0.77678	0.060562
protein_co	SAR1_hom	846	658	695	269	352	378	5.936689	5.921192	5.884462	2.929926
protein_co	cation_cha	1	4	1	1	4	2	0.034427	0.176593	0.041539	0.053436
protein_co	family_witl	21	16	23	12	9	13	0.232732	0.227388	0.307548	0.206419
protein_co	G_protein-r	706	563	632	211	209	197	3.752477	3.837347	4.053017	1.740709
protein_co	Tctex1_dor	19	16	18	10	8	12	0.445233	0.480798	0.508925	0.363717
protein_co	WD_repeat	32	27	23	5	15	16	0.356748	0.385997	0.309376	0.086519
protein_co	ankyrin_rep	0	0	0	0	0	2	0	0	0	0
protein_co	FERM_RhoG	6572	5334	5802	2790	3653	3079	37.53943	39.07082	39.98673	24.73573
protein_co	interferon-i	260	186	213	73	55	39	3.036464	2.78559	3.00139	1.323269
protein_co	solute_carr	0	0	0	191	283	147	0	0	0	3.00756
protein_co	pantothena	195	159	171	318	426	327	2.715638	2.839512	2.873303	6.873768
protein_co	PR_domain	847	635	676	4	2	3	9.698619	9.324156	9.339448	0.071091
protein_co	bone_morp	5	3	7	19	18	8	0.040888	0.03146	0.069067	0.241161
protein_co	heterogene	5068	4035	4392	3036	3905	6453	62.85073	64.1692	65.71796	58.43943
protein_co	hematopoi	70	46	51	87	103	74	0.940487	0.792542	0.826748	1.814282
protein_co	utrophin	2920	2363	2585	2253	1749	1523	11.09643	11.51525	11.85247	13.28899
protein_co	glutamate_	21	9	9	3	10	8	0.141907	0.077989	0.073379	0.031466
protein_co	protein_tyr	1426	1178	1275	848	915	990	10.80562	11.44682	11.65704	9.973703
protein_co	geranylgera	626	558	555	619	760	526	10.13926	11.58978	10.84608	15.56155

protein_co	zinc_finger_	102	83	133	91	83	91	1.664155	1.736525	2.618143	2.30444
processed_	prostate_ar	5	0	1	1	1	0	0.101231	0	0.024428	0.031425
protein_co	RAB3C_me	17	25	22	97	87	82	0.089686	0.169132	0.140038	0.794289
protein_co	intermedia	0	0	0	0	0	2	0	0	0	0
protein_co	MARVEL_d	28	10	17	419	555	304	0.300028	0.137408	0.219786	6.968633
protein_co	RAD17_ho	330	270	271	327	341	373	4.786176	5.021666	4.742333	7.361273
protein_co	mediator_c	389	336	360	256	284	362	10.40514	11.52516	11.61847	10.62843
protein_co	procollage	3947	3074	3432	419	421	554	48.25943	48.19791	50.63028	7.951691
protein_co	serine/thre	1479	1192	1270	22	10	17	19.36079	20.00969	20.05888	0.447
protein_co	neurensin_	0	0	1	0	3	3	0	0	0.024034	0
protein_co	janus_kinas	0	0	0	62	121	32	0	0	0	1.516756
protein_co	Zic_family_	3074	2682	2582	867	1125	1240	27.50237	30.77049	27.87215	12.0397
protein_co	G_protein-	2056	1621	1727	1115	1439	1282	21.15556	21.38916	21.44084	17.80765
protein_co	carboxypep	1	2	1	0	0	0	0.01312	0.033648	0.01583	0
protein_co	SREK1-inte	611	487	490	365	479	455	6.353915	6.494391	6.148148	5.891468
protein_co	leucine-rich	135	83	95	245	294	241	0.984778	0.776411	0.836135	2.773966
protein_co	CWC27_sp	855	716	698	866	710	748	19.0637	20.47215	18.77779	29.97019
protein_co	major_hist	13	2	16	2	3	1	0.079124	0.01561	0.117498	0.018894
protein_co	signal_reco	127	85	93	67	85	122	2.096104	1.799026	1.851996	1.716384
protein_co	centromere	297	286	257	968	1232	851	10.02616	12.38094	10.46789	50.72055
protein_co	chromodor	555	426	465	1382	1346	1206	7.611571	7.492042	7.694533	29.41845
protein_co	calcium_re	702	573	575	1830	2447	1522	10.87799	11.38611	10.75047	44.01422
protein_co	tektin_5	0	1	2	4	5	4	0	0.037301	0.070193	0.180595
protein_co	B-cell_scaff	14	11	31	5	14	11	0.185231	0.186633	0.494876	0.10268
protein_co	thioredoxi	518	384	473	144	152	146	7.642866	7.265526	8.420457	3.297763
protein_co	Dab_mitog	1489	1223	1490	83	72	116	15.39904	16.2194	18.5923	1.332317
protein_co	aminocarb	11	7	8	4	1	1	0.266421	0.217411	0.233783	0.150371
protein_co	acyl-CoA_o	5	1	3	59	93	88	0.086385	0.022155	0.062537	1.58217
protein_co	BCL2-like_1	439	396	406	413	505	421	4.047329	4.681754	4.516251	5.90996
protein_co	anaphase_p	1047	791	899	1658	1915	1792	5.944285	5.75889	6.158297	14.6106
protein_co	calpastatin	1946	1559	1632	334	378	344	19.71224	20.2511	19.94626	5.25134
protein_co	short_coile	736	635	603	394	414	345	15.73691	17.41104	15.55633	13.07581
protein_co	calmegin	54	33	61	70	56	54	0.832094	0.652081	1.134113	1.674199
protein_co	centrin_EF-	166	134	104	301	417	241	3.200552	3.313073	2.419347	9.007697
protein_co	SWI/SNF_re	2093	1752	1780	3154	3264	3906	12.38682	13.2964	12.71039	28.97229
protein_co	synaptoner	18	13	8	50	84	43	0.269655	0.24974	0.144602	1.162617
protein_co	bone_morp	40	18	18	23	25	15	0.674677	0.38933	0.366316	0.602135
protein_co	RANBP2-lik	4	9	3	3	2	1	0.033529	0.096741	0.030341	0.039031
protein_co	Ras_associa	531	471	506	769	924	617	7.130183	8.11029	8.19794	16.0274
protein_co	heterogene	8533	6586	7223	7360	9583	13355	67.35901	66.66916	68.79543	90.17834
protein_co	RAN_bindi	3134	2563	2831	2432	1301	2952	12.54831	13.15965	13.67648	15.11404
protein_co	AT_hook_c	1392	1091	1242	1037	874	965	7.458679	7.49647	8.029571	8.624461
protein_co	c-mer_prot	235	153	181	161	204	90	2.786837	2.326722	2.589825	2.963467
protein_co	transmemb	1858	1399	1494	244	290	181	16.71559	16.13998	16.21715	3.407189
protein_co	protein_ty	10	6	2	24	7	4	0.132871	0.102233	0.032063	0.49496
protein_co	nuclear_re	45	31	23	12	18	17	0.607734	0.536873	0.37478	0.251543
protein_co	coiled-coil_	3	4	3	7	13	2	0.045058	0.07704	0.054365	0.163183
protein_co	phospholip	276	208	244	43	45	39	1.517903	1.466924	1.619097	0.367057
protein_co	RNA_bindi	1921	1480	1500	1374	1709	1396	21.08021	20.82661	19.86035	23.40263
protein_co	sodium_ch	5	3	5	0	0	3	0.025699	0.019773	0.031007	0
protein_co	FEZ_family_	0	0	0	0	3	3	0	0	0	0
protein_co	CD96_mole	2	0	3	3	3	0	0.021688	0	0.039252	0.050495
protein_co	solute_carr	69	54	62	79	102	33	1.091938	1.095852	1.183828	1.940467
protein_co	G_protein-	179	180	150	0	0	0	0.919311	1.185472	0.929499	0
protein_co	FERM_dom	0	0	0	1	1	1	0	0	0	0.015561
protein_co	family_witl	607	443	507	890	1062	1075	6.252689	5.851823	6.301358	14.22979
protein_co	ArfGAP_wit	2362	1946	2025	663	875	672	18.33072	19.36653	18.9615	7.986264
protein_co	trafficking_	584	507	477	675	715	668	4.398293	4.896532	4.334487	7.890518
processed_	long_interg	22	19	20	45	48	92	1.450887	1.606844	1.591435	4.606317
protein_co	INO80_con	263	194	182	216	249	210	3.800331	3.594817	3.17311	4.844511
protein_co	lysophosph	2796	2321	2360	5452	7692	7095	23.36978	24.87723	23.80003	70.73003
protein_co	pleckstrin_	509	427	428	910	1309	1058	2.073049	2.230124	2.103215	5.752594
protein_co	NmrA-like_	853	678	640	795	983	888	23.2677	23.71612	21.0636	33.65907
protein_co	UBA-like_d	747	543	591	1053	1307	1168	13.26272	12.36292	12.6604	29.01822
protein_co	chromosor	5	1	1	6	7	9	0.12524	0.032121	0.030222	0.233269

protein_co	transmemb	39	39	53	79	118	83	1.403462	1.799741	2.301229	4.41259
protein_co	inhibitor_c	598	457	471	565	771	548	9.770115	9.574675	9.284691	14.32773
protein_co	testis_expr	8	6	8	1	1	3	0.449246	0.43207	0.542041	0.087161
protein_co	ADP-ribosy	25	18	17	13	12	21	0.626202	0.578171	0.513773	0.505415
protein_co	CKLF-like_M	542	432	446	363	431	343	12.30125	12.57312	12.2133	12.78754
protein_co	F-box_and_	226	214	199	56	56	55	2.754651	3.344886	2.926573	1.059441
protein_co	upstream_t	1751	1352	1441	670	897	1158	11.1042	10.99479	11.02587	6.59487
protein_co	required_fo	580	485	496	1567	1959	1590	4.316174	4.628305	4.453492	18.09966
protein_co	CD8a_mole	0	1	0	2	5	7	0	0.019728	0	0.047756
protein_co	ribose_5-ph	511	445	431	358	481	442	12.9658	14.47931	13.19483	14.09912
protein_co	tubulin_ga	383	310	303	358	397	464	4.665855	4.842878	4.453723	6.769335
protein_co	golgin_A8_	0	2	0	7	4	1	0	0.022846	0	0.096782
protein_co	protein_tyr	867	679	756	681	841	676	4.101871	4.119477	4.315516	5.000812
protein_co	leucine_ric	309	206	191	8	9	4	8.265268	7.066023	6.164245	0.332138
protein_co	CNKSR_fam	343	265	260	84	153	107	4.921443	4.875886	4.501111	1.870717
protein_co	general_tra	246	238	225	576	759	662	3.829663	4.751292	4.226258	13.91805
protein_co	craniofacia	702	626	614	611	584	574	25.81709	29.52255	27.24499	34.87722
protein_co	zinc_finger_	1167	928	956	1085	1270	1068	15.89792	16.21164	15.71359	22.94192
protein_co	family_with	1	0	0	1	1	0	0.024718	0	0	0.038366
protein_co	chromosom	49	30	29	45	35	24	0.684424	0.537353	0.488737	0.975601
protein_co	transmemb	1	1	1	0	0	0	0.016645	0.021345	0.020084	0
protein_co	JAZF_zinc_f	276	214	206	96	135	94	4.141326	4.117688	3.729457	2.235795
protein_co	c-Maf_indu	1566	1162	1281	1881	2419	1607	16.85329	16.03645	16.63374	31.42043
protein_co	SPHK1_inte	28	30	31	0	0	1	0.189811	0.260791	0.253555	0
protein_co	potassium_	0	0	2	0	0	2	0	0	0.028189	0
protein_co	phosphoty	89	79	48	23	41	25	1.520296	1.730511	0.989298	0.609813
protein_co	thyroid_ho	5274	4499	4744	2114	2458	2206	25.04537	27.39761	27.18191	15.58198
protein_co	F-box_prot	132	93	114	109	155	79	1.983808	1.79233	2.067182	2.542628
protein_co	CCAAT/enh	848	634	626	788	1061	808	9.679341	9.280012	8.621292	13.96068
protein_co	potassium_	2223	1697	1938	972	1389	1911	21.20352	20.75677	22.30336	14.39015
protein_co	zinc_finger_	136	98	111	73	96	65	1.877257	1.734684	1.848655	1.564005
protein_co	mucolipin_	14	22	6	57	82	50	0.228812	0.461086	0.118318	1.445956
protein_co	leucine-rich	0	2	1	179	223	49	0	0.041598	0.01957	4.506255
protein_co	dimethylar	1509	1192	1330	430	514	558	18.05026	18.28437	19.19526	7.983499
protein_co	splicing_re	1594	1313	1402	667	507	994	7.991306	8.441187	8.480579	5.19022
protein_co	chromodor	1036	836	910	802	687	788	8.208526	8.494172	8.699512	9.863028
pseudogen	chloride_ch	0	0	0	1	0	0	0	0	0	0.021331
protein_co	ankyrin-rep	0	0	0	0	2	0	0	0	0	0
protein_co	diacylglyce	139	122	117	184	240	173	0.839046	0.944366	0.852128	1.723929
protein_co	heparan_su	1101	918	909	453	579	540	7.664179	8.194649	7.63467	4.894485
protein_co	musashi_RI	1471	1131	1135	1301	1547	1237	9.061379	8.934157	8.435785	12.43911
protein_co	calcium_ch	794	583	669	425	431	548	4.922739	4.635154	5.004497	4.089834
protein_co	zinc_finger_	205	191	171	173	193	182	4.37925	5.232251	4.407477	5.736176
protein_co	heparan_su	1289	941	1048	116	193	98	23.91818	22.39103	23.46305	3.340901
protein_co	glycerophо	40	41	26	86	107	60	1.029984	1.353828	0.807778	3.437157
protein_co	nuclear_un	1501	1047	1184	1031	1468	1410	15.05174	13.46362	14.32536	16.04704
protein_co	sema_dom	96	78	70	38	19	44	0.718506	0.748623	0.632129	0.441442
protein_co	protein_ph	1141	920	906	1085	1469	1101	8.034466	8.307465	7.697463	11.85855
protein_co	GRB2-relat	0	0	3	3	0	0	0	0	0.064024	0.082361
protein_co	solute_carr	1	0	1	4	7	2	0.01057	0	0.012754	0.065627
protein_co	adenylate_k	340	261	251	90	104	64	4.057675	3.994369	3.614266	1.667137
protein_co	chromosom	310	258	199	694	803	577	2.951453	3.149947	2.285995	10.25567
protein_co	calcium_bi	135	94	101	105	139	129	2.813401	2.512089	2.539612	3.396391
protein_co	impact_RW	465	371	412	584	627	690	5.749963	5.882952	6.146917	11.2087
protein_co	ankyrin_rep	18	20	12	46	54	24	0.234646	0.334333	0.188742	0.93074
protein_co	chromosom	152	112	98	226	280	87	5.959266	5.630884	4.635786	13.7527
protein_co	carbohydra	0	0	0	168	141	188	0	0	0	5.463363
protein_co	Thy-1_cell_	3171	2471	2505	4988	6035	2977	41.83687	41.80662	39.87666	102.1457
protein_co	dynein_axo	1	1	4	8	11	9	0.00996	0.012772	0.048068	0.12367
protein_co	chromosom	40	25	26	80	123	51	1.51625	1.215234	1.189138	4.706859
protein_co	tubulin_fol	373	305	306	181	215	169	3.401396	3.566625	3.366804	2.561872
protein_co	junctophili	39	43	45	1341	2064	1049	0.454564	0.6427	0.632836	24.25993
protein_co	ankylosis_p	3325	2599	2721	358	445	292	19.00638	19.05124	18.76654	3.176298
protein_co	family_with	794	606	621	274	365	279	4.773163	4.671623	4.504281	2.556624
protein_co	ubiquitin_a	2090	1561	1677	439	526	254	14.17826	13.57966	13.72644	4.622444

protein_co	roundabou	20	18	22	3	3	2	0.199108	0.229795	0.264259	0.046357
protein_co	roundabou	279	241	216	143	194	116	2.863277	3.171653	2.674614	2.277853
protein_co	pannexin_3	0	0	4	0	1	0	0	0	0.135754	0
protein_co	transformi	745	552	589	319	462	335	7.83077	7.440405	7.469844	5.204384
protein_co	neurograni	146	91	117	3	0	5	3.473335	2.77616	3.358363	0.110776
protein_co	family_witl	44	42	27	21	22	20	0.631322	0.772782	0.467423	0.467679
protein_co	cadherin_1	1	0	1	0	0	1	0.011261	0	0.013587	0
protein_co	G_protein-	0	0	0	1	0	0	0	0	0	0.059754
protein_co	translocase	1306	1034	1095	1200	1489	1342	13.8894	14.10166	14.05085	19.80852
protein_co	ABI_family_	622	488	529	3	4	13	4.299807	4.326012	4.412272	0.032189
protein_co	angiopoiet	782	578	618	23	26	54	8.423614	7.984154	8.032084	0.384548
protein_co	phosphatid	447	401	423	1055	1368	912	3.390462	3.900364	3.871148	12.42036
protein_co	coiled-coil_	872	654	683	261	327	442	7.252234	6.974971	6.853684	3.369196
protein_co	ceramide_s	0	0	0	7	8	5	0	0	0	0.130832
protein_co	protein_kir	1115	943	1003	662	926	680	5.974445	6.479534	6.484428	5.505683
protein_co	leucine-rich	536	446	480	131	174	96	3.263609	3.48239	3.526327	1.238041
protein_co	centrosom	214	209	194	44	24	30	2.853132	3.573252	3.120742	0.910524
protein_co	galactose-3	2	7	6	5	16	1	0.068453	0.307233	0.247776	0.26562
protein_co	ATP-bindin	2	0	0	3	3	1	0.014397	0	0	0.033518
protein_co	ATP-bindin	2	1	0	0	0	0	0.014741	0.009451	0	0
protein_co	ATP-bindin	76	61	72	15	10	17	0.433533	0.446219	0.495552	0.13281
protein_co	ectonucleo	4	0	2	3	0	1	0.054955	0	0.033153	0.063973
protein_co	chromosor	6	7	4	3	8	9	0.144351	0.215961	0.116112	0.112026
protein_co	ubiquitin_c	7858	6048	6546	4886	5507	6623	233.4992	230.4594	234.6915	225.3499
protein_co	melanoma_	1931	1640	1696	886	972	736	11.12069	12.11163	11.78483	7.919787
protein_co	dispatched	220	194	188	61	60	43	2.166275	2.449639	2.233556	0.932291
protein_co	TRAF2_and	226	190	206	1235	1427	1454	1.520394	1.639119	1.672102	12.8957
pseudogen	L-threonine	0	1	0	19	14	19	0	0.041699	0	0.958957
protein_co	family_witl	4	2	1	9	9	10	0.045813	0.029375	0.013819	0.159995
protein_co	nei_endon	466	389	383	423	443	346	8.180737	8.757204	8.112474	11.52597
protein_co	phosphogl	0	0	0	1	0	0	0	0	0	0.018051
protein_co	wingless-ty	0	0	0	2	2	5	0	0	0	0.049645
protein_co	obscurin_c	1088	834	928	1076	1602	874	1.894617	1.862378	1.949793	2.908273
protein_co	LON_peptic	502	356	388	868	1151	752	6.549468	5.956096	6.107762	17.57731
protein_co	tripartite_r	617	441	469	516	592	634	5.010589	4.592525	4.595413	6.504049
protein_co	enabled_ho	4422	3364	3908	4896	5909	4786	28.93089	28.22333	30.84932	49.71814
protein_co	centriole_c	276	238	287	218	311	84	2.50953	2.775042	3.148569	3.076594
protein_co	SH3_domai	694	552	649	283	389	354	6.172548	6.295836	6.964625	3.906806
protein_co	guanylate_	4	6	10	0	1	0	0.039915	0.076778	0.120399	0
protein_co	BUB3_mitc	1696	1537	1505	2106	2489	2234	29.11954	33.8409	31.17764	56.12386
protein_co	G_protein-	0	0	0	0	3	1	0	0	0	0
protein_co	coiled-coil_	10	6	7	6	11	5	0.214993	0.165419	0.181581	0.20022
protein_co	matrix_me	0	3	2	0	0	1	0	0.094002	0.058964	0
protein_co	chromosor	11	9	16	7	2	15	0.167682	0.175932	0.294281	0.165624
protein_co	family_witl	109	82	74	86	93	58	1.98563	1.915557	1.626491	2.431648
protein_co	ATP_syntha	2410	1867	1938	2554	2719	2808	20.6063	20.47088	19.99331	33.8949
protein_co	contactin_	5	7	10	21	25	33	0.029531	0.053018	0.071263	0.192515
protein_co	family_witl	1	0	0	2	4	3	0.07612	0	0	0.236298
protein_co	melanoma_	69	35	50	25	33	38	1.073105	0.698024	0.938234	0.603481
protein_co	serine/argi	69	45	54	101	100	73	0.898975	0.751831	0.848868	2.042445
protein_co	PDZ_and_L	597	500	537	25	47	32	5.449356	5.852618	5.914161	0.354194
protein_co	sorbin_and	267	229	229	111	122	153	2.069361	2.275987	2.141453	1.335299
protein_co	transcriptic	1101	858	863	829	961	1060	18.57047	18.55805	17.56283	21.70304
protein_co	lymphocyt	2	4	3	0	0	0	0.154498	0.396242	0.279615	0
pseudogen	centrosom	79	52	68	11	6	7	0.807567	0.681655	0.838704	0.174532
protein_co	proteasom	0	0	0	0	1	0	0	0	0	0
protein_co	thymosin_l	8	8	4	36	48	61	0.224757	0.28822	0.135591	1.569846
protein_co	coxsackie_	126	113	99	1975	2134	2545	0.944698	1.086451	0.895583	22.98371
protein_co	BTG_family	588	427	472	251	358	282	18.56655	17.28985	17.98225	12.3015
protein_co	chromosor	203	158	191	361	367	382	1.752011	1.748667	1.988942	4.835912
protein_co	chondrolec	0	0	0	20	42	40	0	0	0	0.57127
protein_co	transmemb	0	0	1	0	0	0	0	0	0.014334	0
protein_co	neural_cell	46	50	49	15	10	20	0.265143	0.369575	0.340774	0.134198
protein_co	l(3)mbt-like	0	0	0	14	25	13	0	0	0	0.224728
protein_co	phosphodi	63	41	55	5	5	4	0.333718	0.278504	0.35152	0.041109

protein_co	RAB_guanir	3	8	4	2	7	3	0.037683	0.128861	0.060622	0.038993
protein_co	mitochond	345	276	294	452	456	510	13.49212	13.84139	13.87256	27.43659
protein_co	junctional_	276	181	213	74	97	76	2.984008	2.509452	2.778553	1.241804
protein_co	ATP_syntha	426	322	348	372	399	457	16.94245	16.42222	16.69913	22.9636
protein_co	GA_binding	658	568	592	513	345	524	6.0261	6.670649	6.541543	7.292195
protein_co	ADAM_met	763	601	666	396	498	993	7.583104	7.659603	7.986284	6.10869
protein_co	ADAM_met	797	581	680	6	2	38	4.126694	3.857709	4.248161	0.04822
protein_co	tRNA_splic	146	115	142	174	220	272	1.747305	1.764912	2.050465	3.232181
protein_co	schlafen_fa	41	41	33	392	475	254	0.227003	0.291099	0.22045	3.368719
protein_co	wingless-ty	0	0	0	1	4	1	0	0	0	0.01801
protein_co	xeroderma_	809	659	706	915	1118	615	9.899276	10.34069	10.42336	17.37827
protein_co	chromosor	12	3	9	1	1	1	0.552731	0.1772	0.500176	0.071493
protein_co	coiled-coil_	331	252	323	312	354	318	5.275525	5.150479	6.211383	7.71832
protein_co	FYVE_RhoG	10	9	7	1087	1458	779	0.081976	0.09461	0.069236	13.83071
protein_co	folliculin	342	377	336	319	435	338	4.408023	6.231153	5.225225	6.381736
protein_co	DPH3_KTI1	728	600	572	250	278	372	10.90257	11.5228	10.33574	5.811227
protein_co	oxidoreduc	193	188	202	234	340	317	2.303327	2.87717	2.908692	4.334557
protein_co	phospholip	82	57	43	42	66	56	0.925832	0.825283	0.585781	0.736035
protein_co	CXXC_finge	1085	822	949	1080	1327	1386	17.32823	16.8347	18.28684	26.77186
protein_co	spindle_an	270	204	213	271	374	288	4.358108	4.22254	4.148221	6.789441
protein_co	protein_ph	2002	1585	1690	1148	1274	1541	23.9169	24.28171	24.3599	21.28693
protein_co	adenomatc	383	298	278	169	184	196	7.00971	6.99402	6.13895	4.800853
protein_co	piezo-type_	52	45	55	345	374	270	0.260611	0.289209	0.332584	2.683736
pseudogen	coiled-coil_	2	1	0	2	3	1	0.010802	0.006926	0	0.016766
protein_co	metallopho	172	144	149	142	216	172	1.903938	2.044072	1.990026	2.439738
pseudogen	coiled-coil_	9	15	9	6	6	4	0.080737	0.172555	0.097413	0.083543
protein_co	ubiquitin_s	152	99	112	215	272	294	1.966689	1.642619	1.74847	4.317786
protein_co	RAB6B_me	79	85	84	268	314	207	0.670342	0.924906	0.859997	3.529675
protein_co	essential_m	125	82	92	199	201	178	2.489912	2.094581	2.211107	6.152583
protein_co	EPH_recept	220	209	213	178	158	148	2.208006	2.689882	2.57932	2.772861
protein_co	acyl-CoA_sy	43	50	48	41	80	35	0.413424	0.616463	0.556823	0.611846
protein_co	ankyrin_rep	910	718	822	568	690	672	10.19835	10.31864	11.11498	9.880241
protein_co	zinc_finger_	210	137	171	207	267	245	3.558693	2.977153	3.496354	5.444676
protein_co	carbonic_a	2	5	3	16	12	14	0.029407	0.094277	0.053222	0.365154
protein_co	vesicular_o	2195	1629	1729	1120	1291	1578	34.748	33.06936	33.02466	27.51971
protein_co	apolipopro	123	102	86	70	69	53	4.509361	4.795339	3.804139	3.983257
protein_co	dickkopf_2	1212	1009	954	0	0	0	15.62141	16.67701	14.83591	0
protein_co	cytochrom	164	106	153	60	91	49	1.555413	1.289191	1.75082	0.88325
protein_co	radial_spok	1	0	2	2	3	1	0.014553	0	0.035118	0.045177
protein_co	F-box_and_	746	477	596	336	541	492	9.999987	8.199518	9.639509	6.990856
protein_co	contactin_	0	0	0	2	3	3	0	0	0	0.027547
protein_co	prominin_2	26	14	23	149	233	133	0.257855	0.178049	0.275219	2.29361
pseudogen	unc-93_ho	0	0	0	0	3	0	0	0	0	0
protein_co	adenylate_	32	27	16	38	26	46	0.237193	0.25664	0.143093	0.437185
protein_co	Kruppel-lik	761	644	624	382	434	416	9.752201	10.58311	9.648296	7.598219
protein_co	protein_tyr	31	27	32	47	83	51	0.307768	0.343744	0.383319	0.724254
protein_co	antizyme_i	2234	1838	1902	3219	4140	4951	22.18858	23.40999	22.79318	49.62469
protein_co	ATPase_H+_	523	438	431	398	472	700	4.369829	4.692953	4.344983	5.161504
protein_co	transmemb	217	169	172	183	215	155	3.425971	3.421527	3.276427	4.484412
protein_co	OTU_doma	269	215	255	174	212	451	3.824565	3.919923	4.374395	3.839808
protein_co	cyclin-depe	899	725	713	209	219	85	6.748979	6.979523	6.458267	2.435315
protein_co	general_tra	969	774	823	526	606	801	47.72734	48.88704	48.90929	40.21237
protein_co	myristoylat	18858	13841	14906	5057	7406	4938	206.9394	194.771	197.3589	86.13327
protein_co	tetratricop	89	71	74	106	181	129	1.280126	1.309575	1.284229	2.36646
protein_co	1-acylglyce	681	595	585	957	1162	1299	8.672488	9.716792	8.988775	18.91642
protein_co	MMS19_nu	1415	1175	1308	2086	2065	1823	17.47416	18.60746	19.48927	39.98385
protein_co	phosphatid	671	532	519	497	596	511	7.51091	7.636441	7.009474	8.634892
protein_co	MARVEL_d	5203	3746	4028	868	1124	1006	75.79023	69.97397	70.79408	19.625
protein_co	zinc_finger_	597	550	550	434	495	584	9.187181	10.85375	10.21219	10.3664
protein_co	golgin_A7_	2	2	2	3	1	0	0.032405	0.041555	0.039098	0.075446
protein_co	G_protein-	0	0	0	4	5	3	0	0	0	0.058883
protein_co	tRNA_meth	222	151	183	232	270	245	2.50411	2.184171	2.490574	4.061803
protein_co	Protein_LO	0	0	0	1	0	0	0	0	0	0.071563
protein_co	solute_carr	422	351	357	179	235	211	13.66546	14.57566	13.94852	8.996951
protein_co	heat_shock	1802	1367	1455	457	367	551	21.19815	20.62153	20.65162	8.344297

protein_co	SAM_doma	1	1	2	2	2	2	0.02146	0.027519	0.051785	0.066618
protein_co	ubiquitin_s	377	317	356	634	693	576	3.389098	3.654361	3.861365	8.846318
protein_co	GRAM_don	583	432	429	193	200	97	8.610041	8.18144	7.644375	4.424095
protein_co	zinc_finger_	239	155	186	195	274	285	5.145415	4.27921	4.831517	6.516098
protein_co	chromosor	271	238	234	368	488	307	1.913734	2.155255	1.993775	4.033579
protein_co	Mov10_Mc	1276	1066	1167	1198	1491	1399	12.76	13.66994	14.08053	18.59463
protein_co	ras_homol	3140	2450	2567	444	594	485	66.95528	66.99318	66.04335	14.69497
protein_co	protein_ph	114	82	80	277	335	162	2.160656	1.992984	1.829442	8.148749
protein_co	diazepam_b	1849	1419	1519	924	879	1124	102.9687	101.3351	102.0644	79.86762
protein_co	solute_carr	1784	1400	1510	4674	5658	6660	19.12478	19.24593	19.5311	77.77156
protein_co	HEAT_repea	333	260	305	277	299	329	4.386061	4.391502	4.847059	5.662923
protein_co	tripartite_r	3	4	4	2	3	3	0.1042	0.178162	0.167631	0.107822
protein_co	MKI67_(FH	275	274	267	438	513	646	7.436421	9.501479	8.711453	18.38383
protein_co	oxidase_(cy	1627	1275	1300	1636	1828	1523	43.59432	43.80885	42.02752	68.03872
protein_co	solute_carr	39	41	43	51	96	76	0.606135	0.817143	0.806346	1.230285
protein_co	La_ribonuc	8767	6711	7354	9504	11495	9094	62.33279	61.18742	63.08662	104.8824
protein_co	CCR4-NOT_	928	748	812	921	856	578	16.06866	16.60897	16.96429	24.75266
protein_co	glutamate_	49	50	55	4	2	2	0.402525	0.526715	0.545139	0.051002
protein_co	leucine-rich	1	6	6	39	40	54	0.014825	0.114062	0.10732	0.89738
protein_co	SET_domai	79	57	58	66	95	97	2.288024	2.116985	2.026794	2.966934
protein_co	mesoderm_	555	474	422	302	344	456	4.966404	5.439222	4.556272	4.194561
protein_co	nucleopori	2053	1710	1831	4467	4586	4135	15.3631	16.4095	16.53204	51.88436
protein_co	zinc_finger_	215	206	224	253	344	357	1.340071	1.646516	1.684556	2.447599
protein_co	chromosor	132	105	107	108	140	159	1.863741	1.901123	1.822818	2.366823
protein_co	phosphoin	17	18	17	55	83	36	0.165965	0.225346	0.200246	0.833414
protein_co	RNA_bindi	157	121	127	75	78	120	3.695649	3.652463	3.606972	2.740203
protein_co	chromosor	165	102	122	85	96	124	1.703402	1.350339	1.519641	1.362017
protein_co	titin	152	137	124	135	95	142	0.065254	0.075421	0.064229	0.089955
protein_co	V-set_and_i	0	0	1	0	0	0	0	0	0.025834	0
protein_co	protein_dis	11926	9364	10116	7052	8605	7562	192.6319	193.9564	197.147	176.7975
protein_co	lysine_(K)-s	103	90	78	114	152	197	1.964879	2.201661	1.795317	3.375467
protein_co	PDZ_domai	0	1	1	2	1	4	0	0.045176	0.042506	0.109361
protein_co	otoancorin	0	0	0	4	2	2	0	0	0	0.062809
protein_co	potassium_	306	277	245	140	149	72	4.88039	5.66529	4.714625	3.465705
protein_co	family_with	121	126	127	55	64	91	1.187462	1.585675	1.503786	0.837775
protein_co	amyotroph	13	7	3	2	1	0	0.293769	0.202848	0.081796	0.070149
protein_co	amyotroph	2	3	2	2	0	0	0.017014	0.032727	0.020528	0.026408
protein_co	transmemb	952	752	878	400	419	584	7.982707	8.086124	8.882921	5.205994
protein_co	frizzled_fan	1909	1446	1515	1790	2128	2291	23.2441	22.57795	22.25705	33.82909
protein_co	sperm_assc	47	40	34	19	19	17	0.318289	0.34737	0.277812	0.199713
protein_co	DEP_domai	6	6	6	42	63	41	0.109513	0.140435	0.132134	1.189861
protein_co	formin_2	135	126	113	59	49	72	0.98386	1.17755	0.993633	0.667393
protein_co	ring_finger_	1147	909	1025	975	961	1033	13.66434	13.88668	14.7332	18.02853
protein_co	peroxisome	147	131	162	358	488	399	0.652236	0.745364	0.867263	2.465478
protein_co	engulfment	231	210	201	292	339	264	2.693087	3.139547	2.827369	5.283864
protein_co	solute_carr	829	639	668	308	339	221	4.810869	4.755314	4.677282	2.77428
protein_co	LSM11_U7_	342	298	310	221	264	107	2.43566	2.721549	2.663792	2.442943
protein_co	mediator_c	155	143	127	102	138	157	3.025792	3.579751	2.991294	3.090566
protein_co	family_with	0	0	4	0	2	0	0	0	0.107814	0
protein_co	Ras-related	2004	1499	1555	629	738	822	57.01917	54.6933	53.38283	27.77821
protein_co	solute_carr	0	0	0	52	44	58	0	0	0	1.703985
protein_co	acid_phosp	372	334	322	423	443	363	4.195066	4.830051	4.381268	7.404006
protein_co	adenylate_c	109	78	96	69	91	88	0.86073	0.789849	0.91466	0.845707
protein_co	RAS_p21_p	292	285	263	299	335	191	2.438882	3.052546	2.650402	3.876231
protein_co	required_fo	270	211	221	185	195	214	6.828643	6.843251	6.743898	7.262278
protein_co	Src-like-ada	47	26	39	6	11	41	0.639347	0.453546	0.640106	0.126684
protein_co	transmemb	76	71	73	39	66	57	1.207196	1.446211	1.399056	0.961522
protein_co	von_Hippel	970	747	764	707	748	770	26.97706	26.64114	25.63682	30.51917
protein_co	RAB39B_m	15	13	7	121	181	87	0.200671	0.223021	0.11299	2.512512
protein_co	chloride_in	3	4	3	4	6	6	0.052983	0.090591	0.063927	0.109649
protein_co	AF4/FMR2_	424	382	452	180	216	164	1.446338	1.671001	1.860332	0.953031
protein_co	mitochond	130	95	105	43	28	78	1.52698	1.430945	1.488083	0.783951
protein_co	glutamate_	77	38	60	176	211	125	0.692203	0.438062	0.650792	2.45576
protein_co	vacuolar_p	518	428	427	385	427	289	4.950882	5.24573	4.924122	5.711419
protein_co	kinesin_fan	70	80	91	288	340	228	0.563582	0.825959	0.883992	3.599001

protein_co	transmemb	227	171	181	89	123	67	2.904238	2.80551	2.794043	1.767368
protein_co	N-acetyltra	4	5	0	3	3	1	0.141876	0.22742	0	0.165158
protein_co	melanoma_	2	0	0	1	0	1	0.044403	0	0	0.03446
protein_co	pleckstrin_	2036	1684	1727	590	671	479	8.164549	8.65976	8.355931	3.67229
protein_co	chromosor	345	285	312	464	651	472	3.916963	4.149393	4.273985	8.176714
protein_co	mitochond	431	319	380	732	791	680	6.268486	5.949567	6.668329	16.52445
protein_co	ELM2_and_	1107	847	980	442	582	347	6.415431	6.294641	6.852552	3.975859
protein_co	tetratricop	2	2	6	3	8	4	0.014026	0.017987	0.050771	0.032656
protein_co	guanine_nu	178	116	131	508	670	641	3.362781	2.810256	2.986056	14.89611
protein_co	family_witl	111	103	106	10	8	9	1.27631	1.518727	1.470575	0.178469
protein_co	guanine_nu	2004	1654	1715	1242	1518	1084	14.37033	15.20946	14.8382	13.8236
protein_co	WNT_inhib	9	5	7	1	1	5	0.188566	0.134338	0.176956	0.03252
protein_co	UDP_glucu	0	0	0	0	0	1	0	0	0	0
protein_co	G_protein-	1	1	0	7	10	3	0.009529	0.012219	0	0.103527
protein_co	matrix_me	2702	2026	2148	251	237	194	10.96183	10.54014	10.51429	1.580527
protein_co	adenosine_	281	233	238	324	324	315	6.325538	6.725993	6.46422	11.32053
protein_co	potassium_	1710	1345	1490	53	46	38	7.035354	7.096128	7.396464	0.338451
protein_co	basic_leuci	0	1	0	1	1	0	0	0.061357	0	0.074265
protein_co	deoxycytid	325	236	308	245	327	184	5.610919	5.224828	6.415779	6.565188
protein_co	ADAM_met	662	558	593	66	99	99	5.331706	5.763041	5.7625	0.825054
protein_co	ALX_homeo	0	0	0	1	4	0	0	0	0	0.03915
protein_co	dpy-19-like	787	593	729	189	290	242	5.954888	5.753908	6.655405	2.219684
protein_co	NADH_dehy	155	86	113	140	163	142	2.851296	2.028702	2.508055	3.997321
protein_co	DNA-damag	180	181	186	352	331	208	3.757882	4.845723	4.685238	11.40627
protein_co	chromosor	59	56	45	46	42	41	0.829787	1.009979	0.763617	1.00416
protein_co	protein_ph	0	0	0	0	1	0	0	0	0	0
protein_co	chromosor	0	0	0	0	2	2	0	0	0	0
protein_co	ADAMTS-lik	293	197	216	38	22	29	1.872788	1.614718	1.6658	0.376995
protein_co	ADP-ribosy	0	0	0	2	0	2	0	0	0	0.092302
protein_co	solute_carr	0	0	0	1	4	0	0	0	0	0.026465
protein_co	WAS_prote	146	118	118	97	123	63	1.777244	1.841982	1.733102	1.832721
protein_co	chemokine	0	0	0	1	0	0	0	0	0	0.060499
protein_co	N-6_adenir	153	115	118	104	110	196	1.47465	1.421362	1.372232	1.555827
protein_co	RWD_dom	190	133	158	20	29	32	2.879477	2.584765	2.889118	0.470458
protein_co	ubiquitin_s	598	526	546	340	311	625	7.311664	8.247268	8.054818	6.452447
protein_co	chaperonir	3208	2718	2727	4341	3895	4659	75.02403	81.51261	76.94833	157.5746
protein_co	MAP3K7_C	30	31	12	0	1	0	0.672098	0.890599	0.32437	0
protein_co	BTB_and_C	855	722	784	443	540	564	6.949379	7.525345	7.688542	5.588742
protein_co	tetraspanir	2	2	1	37	47	25	0.049125	0.062996	0.029636	1.410609
protein_co	T-cell_lymp	891	743	739	582	730	781	5.80264	6.205061	5.806847	5.883034
protein_co	SR-related_	1020	803	850	1011	1138	1362	11.40659	11.51544	11.46892	17.54839
protein_co	retinitis_pi	156	137	108	110	111	113	1.534475	1.728085	1.281761	1.679416
protein_co	cyclin-depe	188	144	113	63	76	42	1.601912	1.573449	1.161736	0.833205
protein_co	polycomb_	188	147	184	231	348	237	3.95306	3.963713	4.668113	7.539074
protein_co	ankyrin_rep	867	665	747	998	1606	652	24.71346	24.30779	25.69113	44.15455
protein_co	SWI5-depe	50	47	54	120	170	84	1.481049	1.785281	1.929929	5.517104
protein_co	sortilin-rela	5	4	3	23	58	30	0.040724	0.041779	0.029482	0.290765
protein_co	sideroflexir	206	140	184	172	203	273	3.761427	3.278104	4.053697	4.87466
protein_co	chromosor	947	823	775	733	784	744	26.76603	29.82931	26.42918	32.15648
protein_co	fucosyltran	0	0	0	2	1	1	0	0	0	0.046401
protein_co	tudor_dom	0	0	0	0	1	0	0	0	0	0
protein_co	fibroblast_	316	226	262	58	59	30	7.460849	6.842565	7.463637	2.125493
protein_co	protocadhe	269	155	184	3786	4357	4338	2.784418	2.057421	2.29799	60.82656
protein_co	SH3_domai	14	19	17	16	18	19	0.117079	0.203757	0.171533	0.207683
protein_co	growth_dif	457	318	471	1	2	8	5.79625	5.172106	7.207753	0.019686
protein_co	ubiquinol-c	1421	1072	1084	1304	1250	1291	11.9517	11.56218	11.00051	17.02329
protein_co	MTERF_dor	198	163	199	209	218	168	6.072089	6.410174	7.363326	9.948318
protein_co	phosphatid	1291	999	1093	935	994	1265	11.69307	11.60318	11.94457	13.14451
protein_co	protein_ph	65	45	42	609	694	659	0.876575	0.778211	0.683397	12.74745
protein_co	ribosomal_	535	378	441	872	1216	709	22.2198	20.13203	22.09902	56.21257
protein_co	potassium_	5	5	0	1	0	1	0.044922	0.057607	0	0.013945
protein_co	family_witl	109	91	122	73	89	29	2.058402	2.20371	2.779787	2.13972
protein_co	suppressor_	336	323	331	390	529	625	6.342611	7.81881	7.538845	11.42678
protein_co	family_witl	369	392	315	362	404	329	4.074992	5.551314	4.197194	6.204967
protein_co	eukaryotic_	143990	118984	121242	180690	176415	151914	1520.309	1611.007	1544.546	2961.176

protein_co	F-box_prot	42	36	44	4	2	3	0.638994	0.70236	0.807697	0.094458
protein_co	hexokinase	0	0	0	1	3	0	0	0	0	0.019729
protein_co	hexokinase	3490	2944	3075	8141	8884	6027	40.99353	44.34422	43.57958	148.4219
protein_co	trypsin_do	392	281	344	775	1028	599	5.044151	4.636793	5.340827	15.47869
protein_co	PHD_finger	782	670	710	835	841	796	7.704979	8.465426	8.440557	12.76973
protein_co	CD109_mo	1588	1296	1409	76	112	68	7.920577	8.289354	8.479405	0.58837
protein_co	leucine_ric	1	4	4	19	51	8	0.014339	0.073553	0.069206	0.42288
protein_co	nodal_grov	3	4	2	413	462	1045	0.084487	0.144456	0.067959	18.05289
protein_co	ubiquitin-c	389	294	296	748	894	694	11.59581	11.2385	10.64612	34.60858
protein_co	zinc_finger_	2280	1784	1872	1459	1806	1959	22.9124	22.99005	22.6981	22.75734
protein_co	mediator_c	355	281	300	214	277	281	10.98743	11.15279	11.20307	10.28045
protein_co	zinc_finger_	1932	1543	1554	852	1060	954	26.9137	27.56396	26.11953	18.42198
protein_co	neuroplasti	1378	1101	1136	886	1054	1185	22.93732	23.50121	22.81497	22.89063
protein_co	K(lysine)_ac	1008	824	885	471	523	600	5.703528	5.978877	6.041912	4.136513
protein_co	sterile_alph	1057	847	909	520	604	287	7.307984	7.509575	7.582886	5.580286
protein_co	RAB11_fam	280	272	284	832	925	737	1.680861	2.093881	2.057028	7.752246
protein_co	unc-5_hom	216	217	216	434	521	301	1.169273	1.506369	1.410795	3.646552
protein_co	glycine-N-a	41	17	30	5	5	6	1.175117	0.624821	1.037448	0.222432
protein_co	UTP14_U3_	404	301	331	202	236	663	7.613974	7.274545	7.526725	5.908971
protein_co	apoptosis-i	935	694	750	1020	1222	910	19.39919	18.46464	18.77506	32.84752
protein_co	mitogen-ac	15	6	15	217	246	161	0.342763	0.175818	0.413564	7.696499
protein_co	BCL2-assoc	501	362	419	502	726	556	5.275522	4.888162	5.323408	8.204685
IG_V_pseuc	immunoglo	17	20	19	0	1	0	2.277515	3.435988	3.071242	0
protein_co	WD_repeat	184	164	139	253	282	244	2.463667	2.815901	2.245573	5.257935
protein_co	WDYHV_m	304	273	301	192	214	191	9.560406	11.00968	11.42135	9.372047
protein_co	ATPase_fam	1077	892	974	542	464	774	9.074672	9.638055	9.901984	7.088347
protein_co	F-box_prot	556	438	404	26	26	13	3.865784	3.905227	3.389161	0.280586
protein_co	non-SMC_e	278	236	247	196	216	179	10.90831	11.87501	11.69385	11.93711
protein_co	zinc_finger_	345	268	287	493	534	556	4.560771	4.543215	4.577719	10.11572
protein_co	proline_ric	621	433	485	232	332	176	12.57284	11.24188	11.84763	7.29055
protein_co	fibrosin	2653	1951	2126	526	683	354	23.92293	22.56024	23.13068	7.361957
protein_co	ferric-chela	110	91	92	49	42	43	1.906098	2.022103	1.923484	1.31789
protein_co	phosphoryl	373	252	267	258	380	383	3.161601	2.739101	2.730597	3.394286
protein_co	hippocamp	1032	824	899	713	805	802	17.42546	17.8419	18.31522	18.68635
protein_co	spindle_ass	120	105	85	182	131	196	1.416617	1.589534	1.210704	3.334825
protein_co	cytochrom	0	0	0	2	0	0	0	0	0	0.203865
protein_co	G_protein-	0	0	1	0	0	0	0	0	0.005697	0
protein_co	Zic_family_	34	57	32	1370	1763	2021	0.459574	0.988008	0.521884	28.74267
protein_co	mitochond	465	364	340	433	552	445	7.162897	7.190291	6.319209	10.35271
protein_co	vacuolar_p	679	556	545	471	632	478	6.308366	6.624166	6.109303	6.792012
protein_co	galactokina	164	160	144	80	78	74	2.386705	2.985961	2.528514	1.807071
protein_co	lipoma_HM	0	0	0	167	223	121	0	0	0	8.417055
protein_co	UDP-GlcNA	66	47	61	4791	7772	4422	0.835062	0.762574	0.931221	94.08743
protein_co	MPV17_mi	0	0	1	12	21	15	0	0	0.026278	0.405647
protein_co	BUB1_mitc	895	778	848	2483	2616	1876	11.26619	12.55865	12.87947	48.51335
protein_co	phosphodi	346	250	270	252	335	212	13.80761	12.79357	13.00033	15.60894
protein_co	eukaryotic_	3735	3108	3223	5805	6160	4882	32.87671	35.0823	34.22993	79.31045
protein_co	bromodom	880	663	735	611	817	1319	8.712672	8.417664	8.780193	9.389455
protein_co	RNA_pseud	704	591	520	1156	1232	840	13.25194	14.26604	11.81022	33.77497
protein_co	somatostat	0	0	0	0	0	2	0	0	0	0
protein_co	TatD_DNas	1254	888	1127	583	835	1045	11.00713	9.995369	11.93572	7.942835
protein_co	ghrelin/obe	16	9	5	12	14	10	0.526484	0.379767	0.198511	0.612883
protein_co	SEC13_hon	5482	4285	4562	1821	2197	1878	108.2776	108.5325	108.7184	55.82646
pseudogen	family_witl	1	0	1	3	2	1	0.052685	0	0.063568	0.245325
protein_co	endo/exon	480	371	410	130	148	142	8.061321	7.990027	8.308008	3.388744
protein_co	N-terminal_	917	700	733	367	379	312	17.93084	17.55248	17.29351	11.13853
protein_co	SHC_SH2-d	0	1	0	0	0	0	0	0.023673	0	0
protein_co	nicotinami	15	14	13	301	371	268	0.124201	0.148652	0.129875	3.868395
protein_co	zinc_finger_	474	320	358	435	519	479	4.522969	3.915656	4.121699	6.442656
protein_co	ATPase_Ca+	1	2	4	10	15	8	0.005152	0.013214	0.024866	0.079969
protein_co	solute_carr	1	1	0	4	5	4	0.010415	0.013356	0	0.064664
protein_co	smg-1_hom	2728	2243	2383	1622	1944	1950	7.937696	8.369292	8.366083	7.325401
protein_co	FCH_domai	466	366	379	258	254	238	4.38682	4.418291	4.304781	3.769763
protein_co	RNA_bindi	471	370	413	3526	3905	2979	7.10135	7.153706	7.513082	82.51498
protein_co	transmemb	59	51	29	79	74	53	1.802287	1.997798	1.068853	3.745671

protein_co	complemer	0	2	0	0	0	0	0	0.051044	0	0
protein_co	TIMP_meta	90	82	73	42	58	174	2.557637	2.988269	2.503037	1.852577
polymorph	synapsin_II	20	16	26	133	174	122	0.240647	0.246876	0.37746	2.483889
protein_co	neuregulin_	97	71	78	25	39	28	1.454535	1.365275	1.411221	0.581866
protein_co	chromosor	313	264	289	186	193	263	3.839021	4.152306	4.27683	3.540948
protein_co	carnitine_p	181	162	177	300	350	278	2.743081	3.14836	3.236543	7.056865
protein_co	NECAP_end	1524	1250	1274	502	614	591	15.47096	16.27241	15.6045	7.90982
protein_co	low_densit	1394	1156	1220	829	1015	834	14.63279	15.56079	15.45156	13.50671
protein_co	CUB_doma	1	2	1	2	5	1	0.01722	0.044164	0.020777	0.053456
protein_co	PAX_intera	297	216	276	412	494	517	2.525174	2.355038	2.83134	5.43704
protein_co	STEAP_fami	455	357	407	276	401	235	3.10417	3.123285	3.350245	2.922628
protein_co	single_stra	1725	1309	1355	2644	3616	3334	27.767	27.02022	26.31645	66.05898
protein_co	claudin_12	449	365	403	476	571	505	5.869422	6.118588	6.356267	9.657983
protein_co	matrix_me	68177	52048	54889	2746	3935	2832	856.5972	838.5948	832.0935	53.55127
protein_co	frizzled_fan	4113	2890	2993	93	119	85	44.42724	40.03112	39.00725	1.559208
protein_co	GATA_zinc_	629	516	564	627	719	687	8.775311	9.231471	9.493777	13.57719
protein_co	sushi_dom	0	0	0	117	177	56	0	0	0	7.125721
processed_	-	1	4	6	19	18	14	0.018578	0.095293	0.13449	0.547867
protein_co	transmemb	6	5	12	5	4	12	0.299936	0.320521	0.72378	0.387952
protein_co	C-type_lect	17	8	16	2	1	2	0.249571	0.150607	0.283409	0.045573
protein_co	dehydroger	190	142	151	81	107	90	6.174015	5.917139	5.920236	4.085353
protein_co	C-type_lect	2	1	3	2	0	2	0.025623	0.016429	0.046373	0.03977
protein_co	armadillo_	6	2	3	9	14	11	0.224354	0.095901	0.135348	0.522343
protein_co	DEAD_(Asp	192	177	179	261	276	253	2.658855	3.143229	2.990849	5.61002
protein_co	ST3_beta-g	3328	2398	2569	1763	2302	1320	29.19551	26.97685	27.19223	24.00576
protein_co	fucokinase	311	236	236	245	283	181	3.285153	3.196808	3.007844	4.016907
protein_co	interleukin	4	4	5	139	182	154	0.10543	0.135199	0.159009	5.686561
protein_co	dehydroger	375	299	280	215	225	206	6.610435	6.758951	5.955316	5.882578
protein_co	calcium_ch	52	52	60	19	14	14	0.315799	0.404967	0.439649	0.179098
protein_co	arylsulfatas	144	108	155	136	209	244	3.128898	3.009276	4.063579	4.586679
protein_co	v-kit_Hardy	3	9	5	770	849	807	0.027125	0.104352	0.054546	10.8061
protein_co	HYDIN_axo	1	3	2	29	46	17	0.002983	0.011476	0.007198	0.134272
protein_co	aminoadip	173	163	180	272	289	186	2.259603	2.730127	2.836655	5.514236
protein_co	zinc_finger_	13	13	20	23	27	41	0.18972	0.243289	0.352166	0.520988
protein_co	calcium_ch	13	12	12	130	142	122	0.165869	0.196342	0.184736	2.574524
protein_co	ring_finger_	619	477	504	246	314	291	4.908662	4.850653	4.822265	3.027876
protein_co	cyclin_B2	785	653	738	1533	1533	1421	23.65595	25.23442	26.83337	71.70401
protein_co	family_witl	9	5	5	3	8	1	0.121792	0.086767	0.081639	0.063013
protein_co	myosin_IE	1081	926	966	764	701	777	8.184742	8.990827	8.824792	8.978487
protein_co	adaptor_pr	919	752	818	676	803	656	7.113226	7.464115	7.639281	8.121351
protein_co	melanoma_	111	131	137	17	13	23	1.208169	1.828459	1.799175	0.2872
protein_co	actin_filam	130	106	138	244	243	154	1.459349	1.525918	1.869145	4.251442
protein_co	TSC22_don	682	480	507	288	356	303	14.11253	12.73711	12.65833	9.250037
protein_co	Down_sync	788	657	721	972	1144	945	6.542021	6.99456	7.222192	12.52514
protein_co	dual-specifi	1069	832	874	808	995	997	7.851728	7.836465	7.745456	9.211479
protein_co	potassium_	37	31	26	1	3	7	0.684661	0.735605	0.580491	0.028721
protein_co	potassium_	46	47	46	0	0	0	0.740199	0.969835	0.893093	0
protein_co	v-ets_eryth	65	50	60	21	34	38	0.605453	0.597237	0.674321	0.303611
protein_co	v-ets_eryth	255	254	258	1008	1233	1683	3.037844	3.880327	3.708455	18.63873
protein_co	tetraspanir	15	18	23	1458	1788	1486	0.166316	0.255932	0.307694	25.09174
protein_co	Leber_cong	28	17	13	7	13	7	0.512059	0.398676	0.286849	0.198697
protein_co	solute_carr	2755	2164	2252	875	946	1017	63.23152	63.69108	62.36321	31.17099
protein_co	transmemb	557	488	567	451	531	419	4.691529	5.270943	5.762226	5.896118
protein_co	myxovirus_	35	47	51	50	67	45	0.472954	0.814438	0.831513	1.0487
protein_co	cAMP_resp	3748	2648	2799	275	338	142	65.4052	59.25705	58.9337	7.448621
protein_co	C2_calcium	430	376	370	480	691	339	3.177732	3.563247	3.299123	5.505801
protein_co	TGF-beta_a	488	393	410	245	337	272	2.864947	2.958684	2.904214	2.232509
protein_co	solute_carr	5038	3779	3995	1229	1907	1770	54.93765	52.8443	52.56259	20.80148
protein_co	chromosor	7	1	2	3	3	5	0.154099	0.02823	0.053123	0.102507
protein_co	PALM2-AK/	8	5	8	0	1	0	0.049969	0.040049	0.060291	0
protein_co	zinc_finger_	3573	2895	3088	936	1162	1123	18.39258	19.1103	19.1794	7.478526
protein_co	diacylglyce	223	181	175	5	3	9	2.031172	2.114121	1.923215	0.070687
protein_co	chromosor	233	178	180	215	310	263	2.386495	2.337943	2.224463	3.418012
protein_co	SVOP-like	3	0	2	32	36	25	0.024418	0	0.019641	0.404262
protein_co	sorting_ne	36	27	36	154	164	113	0.45463	0.437249	0.548537	3.018607

protein_co	ubinuclein_	490	375	477	821	994	738	1.590813	1.561218	1.868484	4.137106
protein_co	v-raf_murir	240	204	226	206	203	136	4.537744	4.946161	5.155671	6.045419
protein_co	solute_carr	0	5	0	15	11	40	0	0.072938	0	0.264846
protein_co	aggrecan	1898	1459	1629	56	50	35	10.06756	9.924137	10.42551	0.461049
protein_co	proteasom	201	154	163	227	267	283	6.775624	6.657073	6.629624	11.87708
protein_co	calcium_bi	2	2	0	230	359	192	0.030768	0.039455	0	5.491914
protein_co	WD_repeat	459	392	452	251	253	198	4.761619	5.214796	5.657551	4.041533
protein_co	solute_carr	1155	884	908	714	832	705	15.52694	15.23932	14.7278	14.89816
protein_co	adaptor-rel	270	221	223	339	360	248	2.149093	2.25576	2.141629	4.188143
protein_co	formin-like	2116	1809	1873	799	1132	694	17.79718	19.51118	19.00734	10.43068
protein_co	ribosomal_	0	0	0	0	1	0	0	0	0	0
protein_co	GRB2_asso	633	417	458	993	1385	652	5.776836	4.880133	5.043126	14.06585
protein_co	signal_pept	726	603	568	681	794	798	8.206883	8.741144	7.74708	11.94866
protein_co	dihydropyr	3	3	4	780	1037	914	0.027005	0.03463	0.043444	10.89811
protein_co	dynein_reg	6	7	5	5	2	1	0.112943	0.168972	0.11356	0.146086
protein_co	RAB28_me	225	162	196	229	241	161	5.82887	5.381783	6.126408	9.208052
protein_co	family_witl	682	542	603	978	1317	1136	11.56564	11.78674	12.33817	25.74273
protein_co	tumor_nec	1	2	2	0	2	0	0.01102	0.028263	0.026592	0
protein_co	pantothena	771	647	688	615	771	426	13.64749	14.68629	14.69383	16.89678
protein_co	multiple_E	11	4	11	43	72	41	0.083691	0.039026	0.100979	0.507794
protein_co	chromosor	349	293	289	245	335	424	6.460567	6.955401	6.454923	7.039499
protein_co	peroxisoma	1042	835	755	535	710	898	23.97419	24.6361	20.95903	19.10559
protein_co	RER1_reter	2115	1546	1636	633	729	898	40.16703	37.65114	37.48786	18.65922
protein_co	Ras_associa	107	87	109	511	770	367	0.885029	0.922789	1.087799	6.560324
protein_co	v-ski_sarco	4358	3338	3665	2615	3509	2637	36.40597	35.75864	36.94089	33.90686
protein_co	WD_repeat	1670	1355	1387	1430	1771	1518	17.49471	18.20283	17.53133	23.25181
protein_co	low_densit	586	384	465	549	651	595	5.883844	4.944292	5.633321	8.555912
protein_co	ArfGAP_wit	1089	918	927	1070	1388	1047	8.319197	8.993019	8.544394	12.68726
protein_co	keratinocyt	13	19	16	332	461	371	0.637626	1.195048	0.94687	25.27499
protein_co	ankyrin_rep	45	39	41	21	27	28	1.67864	1.865602	1.845343	1.215892
protein_co	platelet-act	173	120	167	260	244	203	2.265281	2.014961	2.6384	5.284208
protein_co	exostosin-li	286	227	223	25	37	9	3.340111	3.399617	3.142301	0.453174
protein_co	solute_carr	0	1	0	0	1	18	0	0.019415	0	0
protein_co	brain_and_	178	143	143	170	144	149	4.506708	4.642851	4.368411	6.680651
protein_co	tripartite_r	0	1	0	4	2	0	0	0.033972	0	0.164474
protein_co	WD_repeat	31	18	28	41	43	26	0.310928	0.231516	0.338848	0.638283
protein_co	mitochond	1491	1137	1194	984	1038	1113	35.50686	34.72198	34.30734	36.37142
protein_co	dual_specif	54	31	25	64	58	76	1.500036	1.104279	0.837907	2.759424
protein_co	grainyhead	2	1	0	31	26	33	0.032687	0.020958	0	0.786397
protein_co	UBX_doma	322	229	237	142	190	200	5.706193	5.203977	5.067421	3.905794
protein_co	NLR_family	2	1	1	1	0	0	0.025849	0.016574	0.015594	0.020061
protein_co	protein_tyr	440	309	386	145	163	115	4.567547	4.113373	4.834657	2.336301
protein_co	UDP-N-acet	61	45	55	76	98	78	1.046576	0.990063	1.138548	2.02388
protein_co	NCK_adapt	261	200	196	153	174	136	5.092923	5.004561	4.614565	4.63392
protein_co	4-hydroxyp	1	0	1	6	13	4	0.027437	0	0.033104	0.255517
protein_co	rhophilin_I	121	94	86	403	627	378	1.540508	1.534673	1.321068	7.963687
protein_co	tumor_pro	604	495	516	502	678	551	11.73222	12.32985	12.09319	15.13482
protein_co	leucine_ric	20	18	16	10	7	7	0.462426	0.533696	0.446355	0.358875
protein_co	AhpC/TSA_	180	162	168	58	86	49	2.948028	3.402385	3.319834	1.474407
protein_co	xanthine_d	87	78	90	64	40	35	0.7172	0.824565	0.895182	0.818901
protein_co	XK_Kell_blo	352	279	255	398	396	294	6.131236	6.231877	5.359121	10.76016
protein_co	cyclin_M4	322	256	277	423	462	331	3.145539	3.206922	3.264878	6.41372
protein_co	eyes_absen	709	591	627	472	619	611	5.463438	5.840051	5.829555	5.645368
protein_co	DAZ_intera	440	362	377	71	85	59	5.906558	6.231602	6.106203	1.479349
protein_co	thymosin_l	418	352	364	430	499	405	28.61318	30.89881	30.06348	45.68659
protein_co	Fanconi_an	377	329	312	179	233	206	3.855515	4.314657	3.849849	2.841349
protein_co	muscle_RA	1360	907	1089	198	291	193	14.05254	12.01801	13.57663	3.175496
protein_co	WAS_prote	3947	3140	3233	3802	4284	2816	32.66412	33.3229	32.28179	48.83671
protein_co	abhydrolas	110	102	123	93	146	92	2.479761	2.948673	3.345571	3.254097
protein_co	extended_s	4	3	1	94	106	106	0.040597	0.039045	0.012246	1.480801
protein_co	Fas_apoptc	86	64	76	71	122	131	1.275717	1.217433	1.360246	1.634725
protein_co	family_witl	64	77	78	2217	2860	3714	1.267298	1.955234	1.863551	68.13886
protein_co	calsyntenin	320	301	345	5	7	14	3.073496	3.707306	3.998064	0.074539
protein_co	collectin_s	85	79	91	21	25	31	0.844597	1.006623	1.090988	0.323877
protein_co	ring_finger_	70	61	77	84	91	67	0.836468	0.934739	1.110172	1.557977

protein_co	cullin_4B	1186	981	1057	748	820	740	11.34467	12.03332	12.19917	11.10553
protein_co	G_protein-	1185	863	1014	876	1301	534	13.61212	12.7124	14.05379	15.6186
protein_co	solute_carr	46	42	28	229	356	197	0.536953	0.628691	0.394353	4.14901
protein_co	G_protein-	462	361	376	310	408	265	4.580924	4.590158	4.498285	4.770932
protein_co	rhomboid_	7	9	10	0	1	2	0.154171	0.254189	0.265737	0
protein_co	autism_sus	2576	1946	2083	871	1210	1758	19.56726	18.95555	19.09068	10.26911
protein_co	shroom_fa	1174	945	1013	94	125	109	5.760661	5.946281	5.997382	0.715917
protein_co	histone_clu	157	119	106	46	39	130	9.33046	9.069006	7.600765	4.243182
protein_co	cell_divisio	234	221	217	390	378	370	5.156139	6.244683	5.769213	13.3384
protein_co	histone_clu	30	26	23	15	23	59	1.360445	1.511968	1.258449	1.0558
protein_co	MIT_micro	258	200	214	186	282	256	3.699579	3.677663	3.702495	4.139769
protein_co	eukaryotic_	2751	2360	2520	3492	2823	4218	27.35251	30.0904	30.23119	53.89039
protein_co	RIB43A_do	11	4	11	15	27	14	0.264644	0.123406	0.319308	0.560132
protein_co	thymosin_	290	222	223	114	128	111	5.966698	5.857312	5.535909	3.640587
protein_co	chromoson	0	0	0	1	4	0	0	0	0	0.030541
protein_co	CCR4-NOT_	1161	846	876	1113	1583	1118	20.94625	19.57284	19.06893	31.16734
protein_co	potassium_	1	1	0	64	60	18	0.006407	0.008217	0	0.6365
protein_co	tetraspanin	22	19	13	289	343	245	0.547839	0.606727	0.39059	11.17013
protein_co	neuregulin_	8	1	1	0	7	2	0.100757	0.016151	0.015196	0
protein_co	adenosylhc	331	274	296	733	831	469	3.069738	3.258616	3.312174	10.55134
protein_co	UDP-Gal:be	2289	1949	2038	2050	2628	2180	22.73004	24.8185	24.41781	31.59648
protein_co	CD1d_mole	2	6	1	93	126	50	0.041625	0.160133	0.025111	3.004226
protein_co	spermatog	358	221	267	379	455	454	4.0567	3.211379	3.650474	6.665912
protein_co	CD1c_mole	0	0	3	0	0	0	0	0	0.118276	0
pseudogen	sorting_ne	1	1	5	0	1	0	0.038784	0.049735	0.233976	0
protein_co	family_witl	50	30	43	78	116	123	1.111138	0.854926	1.152961	2.690438
protein_co	CD1b_mole	0	1	0	0	0	0	0	0.043104	0	0
protein_co	dynein_axo	9	4	2	32	42	38	0.03405	0.019406	0.009129	0.18791
protein_co	CD1e_mole	0	1	0	0	0	0	0	0.033038	0	0
protein_co	carboxypep	17	10	7	3	3	8	0.583551	0.440189	0.289918	0.159839
protein_co	neutrophil_	6	6	5	2	2	5	0.119516	0.153262	0.120169	0.061835
protein_co	carboxypep	8	11	8	0	0	0	0.145791	0.257065	0.175905	0
protein_co	TSR2_20S_	1061	821	821	752	852	1064	32.43175	32.18159	30.27933	35.67823
protein_co	protein_ph	163	102	114	276	327	283	0.747928	0.60018	0.631139	1.965674
protein_co	zinc_finger_	1848	1501	1525	1911	2715	2039	18.61898	19.39296	18.53839	29.88444
protein_co	zinc_finger_	304	256	295	181	259	184	7.053224	7.616639	8.258176	6.518132
protein_co	POM121_t	2	0	0	0	0	0	0.030174	0	0	0
protein_co	glyceropho	582	373	432	126	178	156	6.575901	5.404437	5.889306	2.2097
protein_co	dynein_cyt	109	93	88	39	19	29	1.732546	1.895617	1.687676	0.962174
protein_co	6-phospho	6	5	6	4	11	5	0.145848	0.155857	0.175974	0.150917
protein_co	aminolevul	0	1	0	4	6	1	0	0.029664	0	0.143621
protein_co	transmemb	1405	1157	1109	968	1219	800	28.3723	29.96132	27.02077	30.34059
protein_co	protein_ph	1065	829	830	1014	1339	987	9.55383	9.53656	8.983675	14.11875
protein_co	coatomer_	259	250	245	342	407	265	13.56929	16.79603	15.48715	27.81083
protein_co	chromoson	686	571	613	402	454	325	4.697218	5.013743	5.064367	4.272412
protein_co	1-acylglyce	1218	993	998	701	809	769	9.068282	9.480611	8.965124	8.100769
protein_co	polycystic_	4	5	8	4	1	6	0.020629	0.033067	0.04978	0.032019
protein_co	zinc_finger_	178	137	142	144	140	218	1.518912	1.499141	1.462006	1.907241
protein_co	transgelin_	7458	6157	6547	921	1121	1478	218.021	230.8099	230.9226	41.7894
protein_co	ELK4_ETS-d	1418	1230	1312	761	913	437	6.493803	7.223327	7.249445	5.409262
protein_co	SLAM_fami	3	4	6	0	0	0	0.046953	0.08028	0.113302	0
protein_co	solute_carr	410	356	360	439	571	268	5.754237	6.407126	6.096133	9.563105
protein_co	dual_specif	313	247	232	311	426	387	19.41346	19.64558	17.3618	29.93984
protein_co	ring_finger_	591	393	431	329	586	396	11.45597	9.768917	10.08022	9.898534
protein_co	neuroblast	228	179	168	47	109	42	4.922157	4.955448	4.376006	1.574885
protein_co	5-hydroxyt	1	1	0	17	24	7	0.023634	0.030307	0	0.623617
protein_co	intelectin_	0	0	0	49	60	45	0	0	0	3.098358
protein_co	F11_recept	1	0	0	3041	3219	2602	0.009698	0	0	45.77526
protein_co	upstream_t	674	515	537	674	831	885	17.48969	17.13716	16.81298	27.14642
protein_co	spermatog	420	264	335	255	327	194	8.434179	6.798401	8.116828	7.948115
protein_co	nitrilase_1	348	273	266	379	374	274	7.841291	7.888243	7.23166	13.25495
protein_co	death_effec	252	235	238	179	220	224	4.819039	5.762848	5.491423	5.313044
protein_co	zinc_finger_	266	224	293	66	114	99	2.717966	2.935078	3.612252	1.046735
protein_co	nucleopho	3	2	2	29	37	47	0.075064	0.064173	0.060379	1.126262
protein_co	ectodyspla	16	12	5	142	164	134	0.142145	0.13671	0.053596	1.958077

protein_co	fibroblast_	2	2	2	19	13	18	0.036377	0.046648	0.043891	0.536391
protein_co	von_Willeb	0	0	0	23	29	21	0	0	0	0.380699
protein_co	cytidine_de	199	151	145	347	399	257	9.68963	9.428452	8.518638	26.22491
protein_co	PTEN_indu	563	442	451	514	838	450	6.908945	6.955606	6.677716	9.790321
protein_co	UDP-Gal:be	948	754	787	666	689	578	13.98733	14.26616	14.01036	15.25215
protein_co	erythrocyte	34	30	30	83	83	115	0.57513	0.650755	0.612289	2.179193
protein_co	ADAM_met	1471	1110	1093	98	111	42	15.91858	15.40366	14.27118	1.64607
protein_co	family_witl	1131	752	867	397	535	367	12.49296	10.65197	11.555	6.806497
protein_co	NADH_deh	1637	1408	1350	1862	1919	1385	37.18942	41.01878	37.00433	65.65697
protein_co	solute_carr	0	0	1	3	2	1	0	0	0.02061	0.079541
protein_co	Fc_fragmer	13	6	15	5	0	3	1.031422	0.610455	1.435927	0.615734
protein_co	apolipopro	0	0	0	0	0	1	0	0	0	0
protein_co	translocase	217	175	176	214	290	272	3.757435	3.885788	3.67699	5.751432
protein_co	myelin_pro	24	7	7	41	38	25	0.575632	0.215299	0.202572	1.526328
protein_co	WAP_four-	0	0	2	7	5	2	0	0	0.089236	0.401781
protein_co	KIAA1967	2467	1918	1984	2232	2765	3047	23.83632	23.76447	23.12916	33.47301
protein_co	wingless-ty	0	0	0	5	10	6	0	0	0	0.137113
protein_co	cache_dom	669	487	606	794	937	1310	5.655205	5.279108	6.180774	10.41773
protein_co	CDC42_sm	461	436	389	522	587	449	4.96698	6.024033	5.056956	8.729563
protein_co	Rap_guanir	57	44	48	71	77	67	0.319819	0.316586	0.324952	0.618328
protein_co	erythrocyte	623	529	655	1577	1800	1510	4.926219	5.364024	6.249065	19.35476
protein_co	MIS18_kine	408	309	306	891	1185	917	12.14675	11.79689	10.99181	41.17257
protein_co	ALG8_alph	492	406	464	428	477	617	13.75664	14.55736	15.65357	18.57469
protein_co	F-box_and_	2628	1946	2083	1205	1677	1393	51.51629	48.9183	49.26705	36.66374
protein_co	chromosor	65	53	49	138	209	197	1.217679	1.273224	1.107551	4.01263
protein_co	synaptojan	233	166	185	46	73	85	1.540087	1.407041	1.475397	0.47193
protein_co	PAX3_and_	670	578	570	675	859	770	7.863908	8.69963	8.0721	12.29696
protein_co	interferon_	213	123	148	93	122	55	2.331366	1.726416	1.954523	1.579954
protein_co	mitochond	689	497	507	1327	1525	1138	16.04929	14.84576	14.24927	47.97754
protein_co	DMRT-like_	0	0	0	0	1	0	0	0	0	0
protein_co	interferon_	921	692	726	362	425	203	19.44426	18.73472	18.49339	11.86235
protein_co	phosphorik	1486	1109	1216	2353	2804	2688	19.51234	18.67375	19.26514	47.956
protein_co	SON_DNA_	6929	5593	5882	4927	5826	5645	36.8661	38.16021	37.7598	40.68831
protein_co	downstrea	283	241	246	237	352	283	5.690341	6.2141	5.968085	7.396575
protein_co	synaptic_ve	2098	1527	1642	1082	1169	1168	22.27701	20.79216	21.03645	17.83237
protein_co	ladinin_1	0	0	0	243	344	426	0	0	0	6.085854
protein_co	stanniocalc	452	376	443	349	277	595	5.458225	5.822509	6.454532	6.541373
protein_co	troponin_I	71	39	38	32	31	18	0.615036	0.433228	0.397168	0.430252
protein_co	cysteine_ar	33	29	24	36	43	42	0.182581	0.205754	0.160214	0.309153
protein_co	prostate_ca	42	51	41	271	289	240	5.141986	8.00684	6.056386	51.49694
protein_co	homeobox_	246	193	192	92	117	107	3.327068	3.347289	3.133111	1.931278
protein_co	potassium_	1	0	3	1	2	2	0.058394	0	0.211366	0.090635
protein_co	ATP_syntha	1040	868	866	1168	1162	1213	22.02602	23.57392	22.12935	38.39513
protein_co	regulator_c	816	600	709	103	133	143	13.58745	12.81175	14.24433	2.662045
protein_co	ubiquitin-c	3563	2913	2871	1547	1650	1918	39.31038	41.21367	38.21842	26.49185
protein_co	chromosor	42	31	25	83	97	50	1.09228	1.033846	0.784463	3.350374
protein_co	SNF8_ESCR	454	355	338	254	438	298	9.179848	9.204863	8.24602	7.971569
protein_co	chloride_in	2	3	2	108	177	50	0.024295	0.046733	0.029314	2.036326
protein_co	coiled-coil_	93	55	77	168	149	94	1.643094	1.246096	1.641414	4.607011
protein_co	runt-relate	4371	3432	3821	33	36	25	28.17656	28.37029	29.71886	0.330181
protein_co	insulin-like	2936	2327	2581	7862	10177	9825	16.63876	16.91105	17.64822	69.15576
protein_co	gastric_inh	1	1	0	2	4	5	0.065489	0.08398	0	0.203296
protein_co	carbonyl_r	212	151	165	1067	1436	801	5.166675	4.719126	4.851849	40.36177
protein_co	carbonyl_r	121	73	94	204	288	189	4.853458	3.754897	4.549271	12.70067
protein_co	chromosor	111	60	77	73	85	33	2.162356	1.498873	1.809852	2.207281
pseudogen	tubulin_be	0	1	0	54	66	43	0	0.034657	0	2.265193
protein_co	gap_junctio	1	0	0	0	1	3	0.016231	0	0	0
protein_co	actin_alpha	2	0	0	72	100	160	0.02284	0	0	1.276217
protein_co	MORC_fam	425	346	331	245	216	244	4.693419	4.899884	4.410384	4.199494
protein_co	chromatin_	361	253	330	524	565	509	7.385382	6.637364	8.145688	16.63901
protein_co	claudin_14	17	12	5	0	2	0	0.410469	0.371554	0.145663	0
protein_co	single-minc	125	117	145	3	1	6	1.319507	1.583788	1.846792	0.049153
protein_co	holocarbox	494	369	406	190	211	201	3.58238	3.431472	3.552375	2.138596
protein_co	golgin_A6_	0	0	0	62	94	11	0	0	0	1.420764
protein_co	signal_pept	1	0	0	77	80	65	0.012123	0	0	1.448822

protein_co	Rho_GTPas	55	35	42	276	334	199	0.54248	0.442689	0.499826	4.225331
protein_co	ADP-depen	1107	841	878	362	358	696	11.34337	11.05095	10.85518	5.757493
protein_co	parathymo	11262	8389	9011	3065	4596	3141	463.6307	442.8699	447.5872	195.8473
protein_co	phospholip	0	0	0	1	1	1	0	0	0	0.020307
protein_co	peptidyl_ar	0	0	1	0	1	0	0	0	0.024956	0
protein_co	adiponecti	1502	1164	1138	1205	1390	1120	32.35131	32.15024	29.57415	40.28464
protein_co	cytochrom	350	241	269	188	175	203	5.410981	4.77787	5.017742	4.511244
protein_co	proteasom	2573	2232	2228	2452	2587	2663	89.3689	99.4146	93.37054	132.1897
protein_co	ATPase_typ	5024	3555	4247	2575	3272	2064	59.17494	53.69541	60.35573	47.07561
protein_co	meiosis_1_	72	50	59	118	142	41	1.327598	1.182261	1.312605	3.37712
protein_co	proteasom	3344	2821	2892	3335	3552	3793	75.85884	82.06394	79.15644	117.4265
protein_co	iroquois_h	3	3	8	8	8	7	0.044971	0.057669	0.144694	0.186138
protein_co	BTG_family	132	77	101	201	211	18	2.282257	1.707225	2.106979	5.394078
protein_co	hexokinase	1344	1055	1176	2516	1938	2659	10.91826	10.99046	11.52682	31.72453
protein_co	complemer	99	89	73	84	93	67	2.19797	2.533879	1.955498	2.894651
protein_co	CUGBP_Ela	0	0	0	3	6	1	0	0	0	0.067264
protein_co	aldehyde_d	116	76	74	390	474	335	1.617378	1.358865	1.244897	8.44012
protein_co	StAR-relate	879	737	812	201	219	101	2.647673	2.846769	2.95107	0.939728
protein_co	thioesteras	103	80	92	150	171	160	2.007345	1.999328	2.163319	4.537394
protein_co	trichohyali	2	2	0	3	7	18	0.013591	0.017429	0	0.031643
protein_co	ubiquitin_p	891	704	773	335	371	340	5.383199	5.454371	5.634952	3.141507
protein_co	autocrine_r	1326	1044	1065	650	972	596	17.27116	17.43764	16.73692	13.1408
protein_co	mediator_c	702	579	636	110	138	185	17.10852	18.09519	18.70167	4.161007
protein_co	ral_guanine	42	24	33	26	20	6	0.521138	0.381878	0.494044	0.500734
protein_co	ISL_LIM_ho	3	9	4	0	3	3	0.074785	0.287702	0.120309	0
protein_co	ring_finger	1223	1007	1009	361	390	389	15.99177	16.88531	15.91876	7.326689
protein_co	coiled-coil_	28	20	15	23	26	31	0.439398	0.402475	0.284014	0.560219
protein_co	GC-rich_pr	1486	1189	1171	1537	1795	1127	18.65058	19.1366	17.73285	29.9418
protein_co	NEDD8_act	738	573	671	1103	1105	1492	18.1272	18.04839	19.88589	42.0514
protein_co	transmemb	229	183	173	483	418	450	4.402548	4.511584	4.012941	14.41273
protein_co	G_protein-r	0	1	1	96	130	72	0	0.012611	0.011866	1.465365
protein_co	coiled-coil_	3	2	0	1	2	2	0.046258	0.039546	0	0.023933
protein_co	angiotensir	129	103	104	65	87	58	1.245124	1.27488	1.211168	0.973793
protein_co	testis_prost	11	6	4	17	13	4	0.218555	0.152872	0.095891	0.524261
protein_co	urocanate_	0	0	0	0	1	2	0	0	0	0
protein_co	EF-hand_ca	1290	998	1096	846	1143	905	10.48866	10.40568	10.75199	10.67656
protein_co	spondin_2_	866	595	639	93	129	41	21.72646	19.14244	19.34283	3.621467
protein_co	coiled-coil-	412	305	352	632	619	407	16.66841	15.82363	17.18255	39.68666
protein_co	C-terminal_	4516	3509	3545	2968	3844	2923	49.82478	49.64599	47.19063	50.82599
protein_co	leucine_ric	2	0	0	2	1	0	0.039157	0	0	0.060776
pseudogen	ankyrin_rep	3	1	6	464	814	484	0.047205	0.020178	0.11391	11.33216
protein_co	tubulin_po	75	59	53	7	5	5	2.025778	2.043582	1.727248	0.293467
protein_co	zinc_finger_	430	310	374	94	120	66	9.849881	9.106124	10.33671	3.342111
protein_co	ATPase_H+_	1570	1215	1249	563	644	807	21.71603	21.55094	20.84449	12.08703
protein_co	agouti_rela	1	3	4	0	0	1	0.061374	0.236112	0.296207	0
protein_co	zinc_finger_	42	25	39	66	131	40	0.476732	0.363894	0.534119	1.162785
protein_co	RGD_motif	83	75	64	686	814	418	0.830354	0.962179	0.772527	10.65222
protein_co	chromosor	27	18	23	52	38	12	0.736492	0.629631	0.756973	2.2016
protein_co	family_witl	702	552	498	1208	1585	923	5.621037	5.667973	4.811237	15.01332
protein_co	regulator_c	1389	1056	1134	566	711	528	10.43754	10.17581	10.28151	6.601501
protein_co	protein_ser	1162	795	911	612	834	939	15.65246	13.7326	14.80617	12.79553
protein_co	zyxin	7979	5625	6183	3100	4260	3580	150.0744	135.6719	140.3154	90.50035
protein_co	active_BCR	4007	3202	3322	1667	2323	1156	33.58147	34.41208	33.59139	21.68435
pseudogen	family_witl	1	0	2	5	1	0	0.018035	0	0.04352	0.139961
protein_co	LY6/PLAUR	1	1	2	5	7	5	0.018764	0.024062	0.045279	0.145618
protein_co	coiled-coil_	606	513	569	848	1104	672	7.130577	7.740674	8.078159	15.4874
protein_co	zinc_finger_	79	61	57	43	54	50	0.900197	0.891353	0.78367	0.760518
protein_co	coiled-coil_	22	11	15	16	19	9	0.779139	0.499568	0.640961	0.879514
protein_co	zinc_finger_	32	36	46	34	27	32	0.938974	1.354614	1.628581	1.548506
protein_co	natriuretic_	812	678	680	286	371	155	10.32954	11.06023	10.43715	5.647049
pseudogen	zinc_finger_	1	3	1	1	6	5	0.034682	0.133424	0.041846	0.053831
protein_co	zinc_finger_	84	88	79	32	22	54	1.553752	2.087346	1.763103	0.918719
protein_co	zinc_finger_	16	19	19	22	27	33	0.255357	0.388858	0.365873	0.544981
protein_co	zinc_finger_	38	35	38	12	34	54	0.422332	0.498825	0.509568	0.207006
protein_co	glucosamin	1264	1052	1136	115	141	101	11.18705	11.9397	12.13095	1.579781

protein_co	tumor_nec	16	14	17	17	28	12	0.810195	0.90909	1.038643	1.33613
protein_co	Rho_GTPas	3450	2793	3010	2213	2539	2055	18.19896	18.8933	19.15764	18.11921
protein_co	prostaglan	85	51	62	1	0	0	1.891624	1.455444	1.664775	0.034542
protein_co	calmodulin	8412	6217	6592	6297	7529	5965	155.5358	147.4081	147.0606	180.7155
protein_co	DNA_fragm	1269	1008	1045	1714	2173	1516	9.864627	10.04822	9.801294	20.68047
protein_co	coiled-coil_	335	256	238	221	338	210	11.10117	10.87861	9.51588	11.36702
protein_co	IQ_motif_c	46	35	38	60	61	73	0.940663	0.917812	0.937579	1.9044
protein_co	transmemb	77	73	64	24	54	62	1.319639	1.60434	1.323404	0.638419
protein_co	BSD_domai	1462	1053	1133	682	791	889	14.90611	13.76749	13.93782	10.79274
protein_co	zinc_finger_	8	2	8	11	10	14	0.193062	0.061894	0.232941	0.412032
protein_co	ATPase_fam	1339	961	1039	793	1175	1822	14.55395	13.3947	13.62586	13.37839
protein_co	SSU72_RNA	2606	2011	2082	2239	2761	2605	45.61231	45.13663	43.96797	60.82642
protein_co	ubiquitin-c	1526	1200	1231	1156	1679	1563	29.1463	29.39135	28.36841	34.27024
protein_co	zinc_finger_	1117	874	914	404	444	322	16.86289	16.91997	16.64843	9.466529
protein_co	fibronectin	36	43	36	40	28	45	0.617877	0.946406	0.745504	1.06559
protein_co	C3_and_PZ	28	21	17	274	409	247	0.219112	0.210735	0.160511	3.328048
protein_co	nuclear_rec	1620	1147	1294	3729	5016	3492	31.5981	28.68922	30.45287	112.8935
protein_co	ankyrin_rep	28	34	33	302	381	189	0.407993	0.635305	0.580171	6.830174
protein_co	coiled-coil_	220	188	200	456	486	671	13.41457	14.70013	14.71405	43.15681
protein_co	VMA21_vac	477	375	360	667	861	850	4.741687	4.7803	4.317825	10.29131
protein_co	kalirin_Rhc	880	752	852	193	187	165	3.818547	4.184491	4.460701	1.29988
protein_co	cartilage_ir	151	74	94	399	431	182	1.67227	1.050922	1.256046	6.858559
pseudogen	family_witl	42	32	31	68	107	60	0.789015	0.770895	0.702661	1.982783
protein_co	ATP-bindin	1	1	0	138	152	64	0.013494	0.017304	0	2.890248
protein_co	trefoil_fact	0	0	0	6	10	19	0	0	0	0.393759
protein_co	trefoil_fact	0	0	0	0	1	0	0	0	0	0
protein_co	transmemb	1	0	2	3	2	3	0.014685	0	0.035437	0.068381
protein_co	ubiquitin_a	7	3	3	0	0	0	0.119183	0.065501	0.061629	0
protein_co	radial_spok	17	34	41	0	2	2	0.276781	0.709866	0.805415	0
protein_co	solute_carr	2709	2046	2090	750	946	765	34.66841	33.57685	32.27151	14.89761
protein_co	phosphodi	34	15	21	496	552	454	0.467251	0.264346	0.348208	10.57995
protein_co	WD_repeat	504	364	396	473	639	931	10.71772	9.926189	10.1605	15.61218
protein_co	NADH_dehy	372	287	248	423	505	375	8.596888	8.505299	6.915094	15.17292
protein_co	PBX/knotte	418	332	393	428	500	518	3.57469	3.640907	4.055111	5.681152
protein_co	cystathioni	1892	1491	1518	7519	10728	9136	33.40208	33.75509	32.33495	206.0359
protein_co	U2_small_r	2711	2151	2376	3186	3849	3695	27.08113	27.55415	28.63728	49.39848
protein_co	crystallin_a	0	0	0	2	1	0	0	0	0	0.127796
protein_co	heat_shock	29	8	11	16	19	20	0.716067	0.253311	0.327715	0.613205
protein_co	ribosomal_	1415	1122	1361	1865	2443	3055	13.04036	13.25975	15.1335	26.67734
protein_co	pyridoxal_(	4397	3524	3702	2243	2742	2219	27.99014	28.76696	28.43368	22.16197
protein_co	glucose-6-p	3097	2240	2492	1010	1228	1097	55.19513	51.19375	53.58653	27.93903
protein_co	cystatin_B_	1482	1198	1202	1118	1306	1282	32.12714	33.30351	31.43955	37.61804
protein_co	ribosomal_	895	720	748	1005	1359	1942	13.88702	14.32609	14.00347	24.20374
protein_co	1-acylglyce	1482	1193	1340	350	453	256	12.04977	12.43885	13.14569	4.417016
protein_co	trafficking_	1515	1253	1356	844	995	1055	10.18325	10.80026	10.99719	8.805354
protein_co	GRB2-assoc	86	75	75	9	5	9	0.854714	0.955857	0.899356	0.138834
protein_co	chromosor	1233	981	1013	1209	1669	1743	34.53727	35.23735	34.23595	52.56319
protein_co	inducible_T	93	72	84	370	461	356	0.615928	0.611489	0.671235	3.803464
protein_co	chromosor	70	46	42	37	64	38	0.72425	0.61032	0.52431	0.594186
protein_co	zinc_finger_	28	8	23	49	59	107	0.75239	0.275667	0.745694	2.043674
protein_co	leucine_ric	79	68	64	84	127	116	1.464734	1.616776	1.431725	2.41736
protein_co	integrin_be	44	65	55	12	14	11	0.431533	0.817494	0.650837	0.182673
protein_co	family_witl	421	327	371	659	837	820	21.29525	21.21083	22.64241	51.73882
protein_co	ral_guanine	1494	1210	1208	615	708	351	12.04292	12.50766	11.74888	7.694615
protein_co	formimino	44	45	50	48	82	42	1.055325	1.384062	1.446944	1.786921
protein_co	spermatoge	915	733	746	772	847	685	18.62977	19.13814	18.32624	24.39688
protein_co	lanosterol_	5695	4390	4683	2442	2791	4226	54.10021	53.47849	53.67567	36.00654
protein_co	vav_2_guar	1196	903	964	907	1315	923	10.99401	10.64442	10.69178	12.94085
protein_co	minichrom	2048	1601	1914	1234	1493	1289	15.16355	15.20098	17.09861	14.18132
protein_co	chromosor	458	324	335	421	597	368	7.218698	6.54859	6.370687	10.29926
protein_co	pericentrin	1741	1382	1450	1056	1408	1329	7.730636	7.869259	7.768417	7.27798
protein_co	DIP2_disco	1461	1182	1220	630	752	351	9.393434	9.74543	9.46416	6.287025
protein_co	S100_calci	9	8	13	0	0	0	0.434614	0.495405	0.757448	0
protein_co	protein_arg	2432	1977	2087	740	879	814	28.28988	29.4906	29.29126	13.36072
protein_co	claudin_do	3	5	3	17	17	4	0.144425	0.308675	0.174257	1.270284

protein_co	ADAM_met	122	80	86	161	224	77	1.159421	0.974946	0.986115	2.374858
protein_co	calcium_ch	712	549	519	825	1151	661	11.94907	11.81505	10.50919	21.4901
protein_co	solute_carr	657	501	562	130	233	384	9.015728	8.816221	9.305073	2.768913
processed_	zinc_finger_	208	173	211	473	403	549	2.31886	2.473242	2.838191	8.184699
protein_co	chromosor	53	50	44	110	101	87	1.944578	2.352496	1.947826	6.264302
protein_co	lipocalin_1	2	1	1	0	1	0	0.120851	0.077487	0.072907	0
protein_co	zinc_finger_	226	142	204	368	433	472	1.556344	1.253992	1.695022	3.933466
protein_co	G-protein_	2767	2112	2266	435	619	490	35.71282	34.95572	35.28767	8.714344
protein_co	chromosor	504	352	382	252	366	371	6.513938	5.833982	5.956958	5.055267
protein_co	homeodom	3	10	6	5	7	3	0.05737	0.245228	0.138439	0.148409
protein_co	chromosor	69	47	49	17	17	30	1.19476	1.043612	1.023707	0.456889
protein_co	torsin_fami	209	152	160	216	251	201	2.803208	2.614339	2.589268	4.496693
protein_co	ST6_(alpha-	1125	823	845	720	874	442	21.44361	20.11659	19.43346	21.30141
protein_co	SH3KBP1_b	2357	1880	1913	1606	1877	1335	46.77096	47.83919	45.8015	49.46439
protein_co	retinol_deh	136	81	113	170	269	243	2.110206	1.611685	2.115497	4.094165
protein_co	zyg-11_rela	1109	838	831	690	866	695	12.20968	11.83113	11.0388	11.79105
protein_co	zinc_finger_	230	166	218	391	552	365	4.252644	3.935941	4.863352	11.22118
protein_co	protein_kir	419	304	350	1201	1552	820	5.821309	5.416136	5.867089	25.89883
protein_co	spectrin_be	24	26	22	49	91	21	0.12971	0.180195	0.14346	0.411043
protein_co	BR_serine/t	372	326	308	499	606	333	5.665179	6.366455	5.659388	11.7951
protein_co	cytochrom	8	3	10	18	33	11	0.180086	0.086601	0.271606	0.628918
protein_co	transmemb	2	0	0	0	1	0	0.158145	0	0	0
protein_co	NLR_family	0	0	0	0	2	0	0	0	0	0
protein_co	phosphatid	24	12	14	140	138	38	0.537165	0.344419	0.37807	4.863567
protein_co	TAO_kinase	2717	2129	2412	1479	1697	1206	10.26841	10.31807	10.99864	8.675854
protein_co	mediator_c	214	208	181	159	181	203	7.012204	8.74004	7.155951	8.086645
protein_co	death_effec	591	493	488	858	1071	598	14.63147	15.65153	14.577	32.96994
protein_co	SIK_family_	740	623	729	614	775	597	5.480748	5.917053	6.514538	7.058411
protein_co	myelin_pro	2	1	1	18	19	25	0.023658	0.015169	0.014272	0.330483
protein_co	adhesion_r	5	7	4	0	0	0	0.041791	0.075028	0.040339	0
protein_co	NIMA-relat	76	72	73	198	279	235	0.995153	1.208977	1.153312	4.024128
protein_co	TLC_domai	95	78	80	183	210	325	4.38009	4.611725	4.450384	13.09607
protein_co	proprotein	1466	1183	1226	656	811	1212	7.354313	7.610308	7.420731	5.107901
protein_co	scaffold_at	2792	2116	2366	3038	4079	3724	37.71735	36.65648	38.56458	63.70067
protein_co	S100_calci	20	6	10	12	18	34	0.358076	0.137754	0.216019	0.33347
protein_co	chromatin_	1143	1005	1036	1216	1572	1428	20.99306	23.67037	22.95818	34.66519
protein_co	zinc_finger_	534	420	421	499	715	375	6.966964	7.026854	6.627236	10.10493
protein_co	flavin_ader	688	503	605	1143	1211	1129	12.14621	11.38753	12.88712	31.32052
protein_co	SHC_(Src_h	10493	8122	8352	3775	4461	3746	141.3436	140.2971	135.7422	78.92667
processed_	vacuolar_p	649	543	550	366	376	451	8.984831	9.639941	9.187047	7.864602
protein_co	NLR_family	513	358	378	700	841	378	5.878441	5.260622	5.226183	12.45011
protein_co	adenosine_	6037	4739	5214	6798	7420	7372	42.76058	43.04458	44.55962	74.73672
protein_co	interleukin	29	16	23	98	139	84	0.229931	0.162678	0.220026	1.206023
protein_co	ubiquitin-c	1063	807	799	588	762	881	15.52775	15.11674	14.08219	13.33163
protein_co	cholinergic	8	3	5	18	37	46	0.063937	0.030746	0.048215	0.223289
protein_co	CREB_regul	652	544	538	330	384	347	11.56289	12.37164	11.51196	9.083712
protein_co	anoctamin_	607	500	507	627	726	514	8.861221	9.36018	8.930193	14.20702
protein_co	farnesyl_di	386	341	360	106	147	218	8.973499	10.16572	10.09776	3.824819
protein_co	RUN_and_S	1079	757	818	739	1042	760	14.86757	13.37592	13.5994	15.80496
pseudogen	glucosidase	167	120	144	33	30	51	2.683562	2.472781	2.791937	0.823075
protein_co	family_with	1197	844	950	716	942	573	18.21134	16.46643	17.43891	16.90796
protein_co	progestin_a	41	35	53	74	131	140	0.90812	0.994116	1.416392	2.544027
protein_co	polyamine-	277	180	210	499	615	567	12.16155	10.13424	11.1244	34.00479
protein_co	solute_carr	670	494	579	476	571	885	4.519032	4.272744	4.711913	4.983197
protein_co	lamin_A/C	18885	14643	15040	778	1158	875	277.5918	276.0127	266.7384	17.75006
protein_co	chemokine	0	0	0	0	0	1	0	0	0	0
protein_co	neurobeach	494	396	429	1391	1911	1231	2.624184	2.697564	2.74962	11.46898
protein_co	coiled-coil_	660	522	532	692	906	805	12.8306	13.01316	12.47851	20.88044
protein_co	parathyroi	14	10	14	150	225	176	0.309213	0.28323	0.373084	5.142237
protein_co	ubiquilin_4	1496	1131	1198	1134	1438	1040	19.61618	19.01756	18.95343	23.0795
protein_co	myosin_ligh	1	1	1	1	2	3	0.046334	0.059417	0.055905	0.071917
protein_co	protein_ph	159	121	134	246	386	170	7.231341	7.05694	7.353169	17.3655
protein_co	G_patch_d	690	505	560	743	960	1820	13.13073	12.32368	12.85807	21.94618
pseudogen	-	250	221	212	150	166	208	8.748138	9.916929	8.950752	8.146993
protein_co	leucine_ric	4	2	0	2	4	1	0.095743	0.061388	0	0.074303

protein_co	alpha-2-gly	0	0	0	8	4	0	0	0	0	0.287241
protein_co	fibroblast_	68	77	65	1903	2459	1621	1.021307	1.483022	1.177901	44.36258
protein_co	cytochrom	0	0	0	1	2	0	0	0	0	0.031398
protein_co	cytochrom	6	8	7	5	4	5	0.121582	0.207882	0.171145	0.15726
protein_co	nucleus_ac	2440	1790	2021	4594	6361	4964	25.7394	24.21425	25.72308	75.21944
protein_co	hexokinase	5	6	4	0	1	0	0.076468	0.117671	0.07381	0
protein_co	lymphocyt	5	1	0	1	2	2	0.086068	0.022074	0	0.026718
protein_co	immediate_	1009	745	710	1041	1391	1371	16.12544	15.26813	13.69073	25.82269
protein_co	zinc_finger_	313	251	254	303	383	413	6.735464	6.926379	6.59485	10.12037
protein_co	cleavage_a	693	530	606	959	1135	1125	18.69665	18.33647	19.72656	40.15871
protein_co	lymphocyt	1167	836	864	1537	1898	1212	38.56283	35.42531	34.44766	78.83196
protein_co	vacuolar_p	1823	1425	1520	767	856	596	36.57702	36.66451	36.79708	23.88622
protein_co	tonsoku-lik	779	506	615	1775	2241	1639	5.534443	4.609951	5.271808	19.57336
protein_co	prostaglan	5	9	6	38	31	18	0.16499	0.380836	0.238883	1.946258
protein_co	melanoma_	1484	1200	1294	1073	1480	1017	16.687	17.30354	17.55604	18.72727
processed_	RecQ_prote	910	627	671	1558	2232	1699	10.94943	9.674463	9.741382	29.09698
protein_co	leucine_ric	582	444	483	343	443	508	5.126806	5.015523	5.133565	4.689737
protein_co	zinc_finger_	320	234	274	218	213	112	3.211645	3.011638	3.317998	3.395975
polymorph	collagen_ty	95	74	76	1998	2802	2291	1.469179	1.467548	1.41812	47.95978
protein_co	protein_ph	356	267	293	427	561	275	3.872152	3.724114	3.845192	7.208762
protein_co	forkhead_b	0	0	0	2019	2612	1983	0	0	0	58.70652
protein_co	ORAI_calciu	4097	3083	3190	592	789	472	17.83902	17.21424	16.75883	4.000895
protein_co	alkB_alkyla	305	203	198	325	478	267	6.794041	5.79874	5.321591	11.23679
protein_co	SH2B_adap	95	48	71	340	477	134	2.161355	1.400403	1.948986	12.00637
protein_co	chromosom	333	244	250	305	314	295	3.767039	3.539607	3.412274	5.355329
protein_co	sequestoso	2970	2309	2379	829	1105	1063	46.63876	46.49689	45.07472	20.20578
protein_co	mannosyl_	2125	1635	1664	1832	2453	1922	32.9175	32.47843	31.10064	44.04777
protein_co	ribosomal_	25518	19862	20928	39010	46922	35612	1149.414	1147.26	1137.38	2727.32
protein_co	mastermin	1908	1536	1663	1534	2056	1924	13.64021	14.08132	14.34442	17.02153
protein_co	leucine-rich	1103	851	877	1012	1256	923	9.418993	9.318969	9.036008	13.41343
protein_co	F-box_and_	34	21	17	7	18	13	0.525812	0.416466	0.317211	0.168027
protein_co	N-acyl_pho	178	181	178	89	111	81	1.673301	2.181935	2.018933	1.298597
protein_co	secretoglob	0	3	0	1	0	0	0	0.252646	0	0.101932
protein_co	proteasom	1871	1433	1594	984	1033	1535	28.72666	28.21414	29.52893	23.44968
protein_co	CUGBP_Ela	5	6	2	138	184	79	0.054932	0.084531	0.026511	2.353236
protein_co	major_facil	1708	1265	1423	629	847	592	37.70629	35.81177	37.90346	21.55296
processed_	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	5	0	0	9	8	5	0.189073	0	0	0.52824
protein_co	ubiquitin_s	3	4	4	7	10	11	0.098577	0.168549	0.158586	0.357014
pseudogen	tubulin_alp	22	14	10	8	11	8	0.522584	0.426452	0.286603	0.294954
protein_co	YdjC_homo	555	448	451	716	980	661	16.13389	16.70065	15.81869	32.30647
protein_co	coiled-coil_	16	3	14	0	5	4	0.331965	0.079818	0.350468	0
protein_co	dishevelled	4394	3465	3539	1874	2402	1865	39.21483	39.65545	38.10824	25.95914
protein_co	adaptor-rel	9950	8028	8653	6542	7119	7406	223.1256	230.857	234.1214	227.7023
protein_co	ATP-bindin	963	780	773	548	797	785	15.87732	16.49129	15.37724	14.02367
protein_co	phosphate_	1463	1134	1217	266	410	407	12.25658	12.18281	12.30166	3.458894
protein_co	F-box_prot	108	98	96	126	131	90	2.173443	2.529064	2.331008	3.935732
protein_co	dermokine	0	0	0	1543	1745	1647	0	0	0	39.94992
protein_co	U2_small_r	10	13	7	24	36	21	0.181603	0.302745	0.153381	0.676497
protein_co	3-hydroxyb	135	99	112	304	389	304	1.785153	1.678751	1.786931	6.239442
protein_co	nephrosis_	0	0	0	23	44	4	0	0	0	0.391472
protein_co	THAP_dom	138	112	96	190	222	109	3.545656	3.690157	2.976027	7.577075
protein_co	cytochrom	8	11	11	17	24	26	0.492284	0.868015	0.816707	1.623696
protein_co	zinc_finger_	68	63	63	69	65	20	0.824973	0.980123	0.922188	1.299303
protein_co	dual_specif	403	313	324	322	454	287	8.562155	8.527697	8.305602	10.61853
protein_co	leucine_ric	29	24	29	84	92	30	0.491084	0.521168	0.592521	2.207838
protein_co	plexin_dom	262	241	243	40	42	16	1.965001	2.317863	2.198952	0.465642
protein_co	post-GPI_at	138	89	97	323	411	514	2.136996	1.767355	1.812359	7.763499
protein_co	IKAROS_fan	0	0	0	18	9	5	0	0	0	0.537561
protein_co	glutamate_	33	18	17	24	25	22	0.237472	0.166104	0.147603	0.268066
protein_co	ferredoxin_	380	307	349	859	1118	358	7.178971	7.437489	7.955218	25.1885
protein_co	SAP30_bin	1258	910	1044	897	998	1311	21.17288	19.64039	21.20058	23.43269
protein_co	acyl-CoA_o	852	645	675	492	653	536	5.154212	5.003705	4.926908	4.619747
protein_co	phosphorib	793	673	616	661	902	544	10.1595	11.05665	9.521998	13.14411
protein_co	cytoglobin	202	139	136	51	88	43	4.389149	3.87305	3.565463	1.720005

protein_co	serine/argi	1263	1094	1137	961	1421	3567	20.52759	22.80139	22.29683	24.24312
protein_co	zinc_finger_	56	55	52	185	227	338	0.83413	1.050552	0.934538	4.277085
protein_co	transmemb	165	126	165	284	343	215	3.022208	2.959513	3.646468	8.074009
protein_co	chemokine	3	1	4	2	4	3	0.103055	0.044051	0.165789	0.106637
protein_co	chemokine	0	0	0	0	0	2	0	0	0	0
protein_co	kelch-like_f	1	0	0	1	1	8	0.022795	0	0	0.035382
protein_co	coiled-coil_	0	0	0	0	4	0	0	0	0	0
protein_co	hypocretin	0	0	0	2	3	0	0	0	0	0.25227
protein_co	aldehyde_d	665	447	542	799	957	901	7.805222	6.727915	7.675575	14.55596
protein_co	integrin_al	7570	5856	6317	653	690	507	71.04832	70.4804	71.53472	9.512652
protein_co	sialic_acid_	1	0	1	0	3	1	0.014778	0	0.01783	0
protein_co	zinc_finger_	172	136	123	373	458	211	3.233794	3.27893	2.790211	10.88487
pseudogen	sialic_acid_	0	0	0	8	1	8	0	0	0	0.231967
protein_co	membrane_	157	153	149	106	159	129	2.457187	3.070714	2.813668	2.574986
protein_co	CD300_mo	0	0	0	2	0	0	0	0	0	0.052777
protein_co	IZUMO_fam	0	0	0	11	9	3	0	0	0	0.896504
protein_co	N-acetylglu	42	37	37	134	171	39	0.902558	1.019616	0.959346	4.46952
protein_co	LSM12_hor	682	580	556	697	848	850	12.87399	14.03997	12.66344	20.42171
protein_co	ankyrin_rep	24	24	27	30	19	26	0.526115	0.674668	0.714137	1.020755
protein_co	ER_membr	941	583	704	725	1108	944	20.25873	16.09535	18.28703	24.22652
protein_co	Josephin_d	490	326	359	22	28	43	23.06838	19.68104	20.39218	1.607586
protein_co	SH3_and_n	11	6	3	35	60	49	0.077644	0.05431	0.02555	0.383455
protein_co	family_witl	1356	924	1030	1299	1914	985	20.12116	17.58226	18.44075	29.91803
protein_co	DBF4_hom	494	395	431	635	806	571	7.726374	7.922371	8.133437	15.41533
protein_co	phospholip	935	731	778	517	686	410	7.180178	7.198638	7.208605	6.162325
protein_co	formin-like	4270	3374	3750	359	415	423	17.8896	18.12705	18.95623	2.33452
protein_co	aquaporin_	2	1	3	22	33	17	0.064676	0.041469	0.117053	1.104245
protein_co	Rac_GTPase	1373	1172	1088	1175	1269	1004	19.46779	21.30999	18.61329	25.85917
protein_co	La_ribonuc	685	539	608	623	679	878	4.997613	5.042782	5.352094	7.054896
protein_co	GRP1_(gen	706	570	519	161	222	42	17.12589	17.73098	15.19022	6.061846
protein_co	ribonucleo	1940	1322	1465	1341	1717	1384	19.38347	16.93833	17.66101	20.79644
protein_co	synaptoner	4	8	5	28	29	24	0.152364	0.39077	0.229795	1.65543
protein_co	SPC24_ND(	607	462	500	621	742	678	12.2947	11.99999	12.21933	19.52322
protein_co	inositol_he	0	0	0	0	1	0	0	0	0	0
protein_co	LEM_doma	2252	1849	1941	1075	1520	1151	21.68302	22.82957	22.54888	16.06536
protein_co	arachidona	1	0	0	10	18	10	0.016843	0	0	0.261422
protein_co	triggering_	0	2	0	1	1	0	0	0.10072	0	0.060955
pseudogen	adenylate_(	220	201	199	175	188	61	2.25877	2.646396	2.465191	2.788803
protein_co	zinc_finger_	83	70	85	98	113	66	1.737443	1.879056	2.146838	3.184116
protein_co	mediator_c	44	36	34	52	62	60	2.476784	2.598647	2.309204	4.543277
protein_co	chemokine	8	17	14	63	55	27	0.168821	0.460039	0.356461	2.063514
protein_co	SLP_adapto	4	5	7	1	2	1	0.078708	0.126164	0.166189	0.030541
protein_co	RNASEK-C1	6	4	4	3	8	1	0.151584	0.12959	0.12193	0.11764
protein_co	B-cell_CLL/	0	3	1	181	216	56	0	0.050742	0.015914	3.705526
protein_co	asialoglyco	0	1	1	1	0	0	0	0.041355	0.03891	0.050055
protein_co	tumor_nec	14	16	13	42	38	48	0.322426	0.472533	0.361238	1.501351
protein_co	SUMO1/ser	523	396	392	486	825	570	9.388775	9.116156	8.490658	13.54172
protein_co	fibroblast_	18	8	12	234	253	130	0.151994	0.086627	0.122259	3.066896
protein_co	eukaryotic_	70	88	59	103	146	183	1.869192	3.013338	1.900885	4.268975
protein_co	ribosomal_	127	91	102	206	252	286	5.943146	5.46089	5.759183	14.96271
protein_co	coiled-coil_	0	1	1	0	0	0	0	0.043763	0.041176	0
protein_co	polymerase	152	117	127	252	274	307	5.120174	5.054013	5.161702	13.17565
protein_co	small_nucl	550	438	471	524	540	720	13.5378	13.82512	13.98796	20.01922
protein_co	chromosor	2	0	0	40	44	13	0.04232	0	0	1.313715
protein_co	WD_repeat	552	406	473	517	687	610	4.631113	4.36799	4.788015	6.732359
protein_co	jumonji_do	723	433	568	428	596	534	15.37482	11.8078	14.57364	14.12687
protein_co	coiled-coil_	28	28	15	68	112	45	0.379676	0.486881	0.245411	1.431182
protein_co	mesothelin	0	0	0	0	1	0	0	0	0	0
protein_co	somatostat	0	0	0	23	33	9	0	0	0	0.626004
protein_co	splA/ryano	6	5	5	5	14	23	0.121477	0.129814	0.122141	0.157124
protein_co	meiosis_sp	2	1	0	45	42	4	0.049777	0.031916	0	1.738371
protein_co	heparan_su	0	0	0	9	24	1	0	0	0	0.514547
protein_co	chromosor	274	168	193	639	829	674	5.959121	4.685439	5.064505	21.57064
protein_co	cyclin_F	1001	725	814	1411	1679	1253	10.95889	10.1784	10.75238	23.97672
protein_co	TBC1_dom	388	305	371	223	305	217	2.765784	2.788019	3.190865	2.467299

protein_co	amidohydr	96	62	66	104	228	166	1.375326	1.139031	1.140844	2.312588
protein_co	netrin_3	48	29	35	7	15	10	1.133293	0.878028	0.997051	0.256525
protein_co	coiled-coil_	1	2	0	365	504	340	0.013325	0.034174	0	7.548914
protein_co	progestin_a	208	144	121	260	359	225	3.491988	3.10014	2.450998	6.775062
protein_co	FLYWCH_fa	394	259	288	247	331	187	17.83269	15.03245	15.72755	17.35194
protein_co	zinc_finger_	128	139	126	132	188	349	1.504618	2.095272	1.787043	2.408356
protein_co	adenylate_(	497	365	372	433	587	264	3.016743	2.841084	2.724413	4.079437
protein_co	SH3_and_n	3	0	1	1064	1312	831	0.015653	0	0.006295	8.616636
protein_co	ClpB_caseir	533	409	414	298	374	311	7.713697	7.590459	7.229092	6.693945
protein_co	sialidase_3_	145	127	163	132	183	109	1.932098	2.170072	2.620576	2.730018
protein_co	cytochrom	471	363	377	190	239	204	5.394528	5.331489	5.209811	3.377665
protein_co	protein_ph	29	37	33	41	61	5	0.88587	1.449383	1.216281	1.943956
protein_co	asparaginas	14	7	9	178	228	255	0.289445	0.185586	0.224506	5.711995
protein_co	guanine_nu	1	1	5	2	5	4	0.053163	0.068174	0.320723	0.165034
protein_co	UBX_doma	1976	1505	1541	2070	2610	1892	44.69594	43.65429	42.05637	72.67448
protein_co	chromosor	206	173	178	283	282	366	3.313668	3.568595	3.454696	7.065758
protein_co	tetratricop	463	382	406	357	384	245	11.84401	12.53114	12.53118	14.17479
protein_co	TAF6-like_R	386	297	314	288	410	441	8.553661	8.439768	8.39542	9.905757
protein_co	nuclear_RN	1184	915	997	498	632	1007	13.44907	13.32819	13.66419	8.780121
protein_co	syntaxin_5	791	611	614	373	483	285	20.67447	20.47899	19.36308	15.13203
protein_co	solute_carr	63	42	41	10	24	5	0.415014	0.354798	0.325877	0.102248
protein_co	ribosomal_	10379	8386	8712	12558	14331	12489	553.0358	573.0096	560.0975	1038.601
protein_co	inter-alpha	92	65	86	2	4	3	1.434613	1.299779	1.618056	0.048407
processed_	DCP1_deca	750	618	695	476	625	433	5.863207	6.195434	6.555515	5.775789
protein_co	synovial_ap	1162	839	958	454	509	511	11.98289	11.09499	11.9198	7.266776
protein_co	zinc_finger_	70	50	47	38	76	21	2.39759	2.196121	1.942329	2.020184
protein_co	ribosomal_	1622	1199	1333	360	453	222	24.36899	23.10017	24.16378	8.394979
protein_co	low_densit	4917	3620	3797	2203	2729	1517	44.69049	42.19226	41.63931	31.07848
protein_co	two_pore_s	352	248	302	383	522	428	3.771775	3.407722	3.904434	6.369896
protein_co	fibroblast_	1	0	2	561	772	1105	0.019162	0	0.046241	16.68552
protein_co	cytochrom	0	0	0	2	1	0	0	0	0	0.05742
protein_co	T-cell_acut	0	0	0	9	10	12	0	0	0	0.130794
protein_co	cytidine_m	1715	1332	1371	498	550	543	27.44586	27.33546	26.4727	12.37008
protein_co	BEN_domai	16	11	12	89	101	77	0.437203	0.385447	0.395633	3.77471
protein_co	ELAV_(emb	0	3	1	23	47	16	0	0.045484	0.014265	0.422071
protein_co	Sel1_repeat	337	301	292	380	447	480	9.754281	11.17226	10.19756	17.07181
protein_co	zyg-11_fam	991	799	809	460	623	344	5.741753	5.936452	5.655453	4.136749
protein_co	solute_carr	2	6	9	0	1	0	0.035563	0.136814	0.19309	0
protein_co	chromosor	608	506	483	400	508	442	14.91063	15.91301	14.29182	15.2259
protein_co	mago-nashi	532	355	423	495	549	738	32.99668	28.23555	31.65534	47.65344
protein_co	acyl-CoA_th	37	41	43	68	89	102	0.272402	0.387081	0.381967	0.777049
protein_co	family_with	2	0	3	9	8	4	0.046773	0	0.084652	0.326692
protein_co	prolyl-tRNA	112	98	93	264	250	177	2.237615	2.510746	2.241807	8.186565
protein_co	chromosor	2	1	2	3	3	2	0.052774	0.033838	0.063675	0.12287
protein_co	Bartter_syn	0	0	0	20	14	29	0	0	0	0.419238
protein_co	ubiquitin_s	1475	1285	1253	1473	1652	1377	6.556335	7.32456	6.719984	10.16254
protein_co	phosphatid	887	677	671	787	950	961	12.6341	12.3657	11.53164	17.39906
protein_co	nucleolar_p	959	783	842	638	876	1247	6.763051	7.081009	7.164472	6.983533
protein_co	protein_kir	30	26	37	200	201	88	0.150498	0.16726	0.223954	1.557287
protein_co	kelch-like_f	1200	861	944	797	933	1641	8.730492	8.032856	8.286622	9.000078
protein_co	zinc_finger_	4	5	3	161	150	120	0.032232	0.051667	0.029168	2.01367
protein_co	glucocortic	655	573	586	604	746	683	4.791414	5.375097	5.172113	6.857878
protein_co	solute_carr	90	64	65	32	39	25	1.515841	1.382294	1.320908	0.836549
protein_co	selenoprot	6643	4846	5097	2498	3234	2083	71.90452	67.26431	66.56633	41.96767
protein_co	adenylate_k	102	103	97	3332	3809	5494	0.68345	0.88502	0.784199	34.65309
protein_co	Janus_kinas	2262	1740	1912	919	1084	624	21.0155	20.7303	21.433	13.25236
protein_co	ribonucleo	461	366	357	547	680	543	4.915029	5.00398	4.592418	9.051967
protein_co	chymotryp	2	2	2	0	0	0	0.0298	0.038214	0.035955	0
protein_co	leucine_zip	486	385	387	223	268	204	9.990596	10.14904	9.598738	7.115255
protein_co	retinol_bin	0	0	1	22	24	19	0	0	0.065709	1.859646
protein_co	kinocilin	0	0	0	0	2	0	0	0	0	0
protein_co	filamin_bir	3321	2515	2667	1740	2260	1580	42.14391	40.92732	40.83542	34.27249
protein_co	transmemb	0	0	2	3	5	3	0	0	0.074441	0.143644
protein_co	solute_carr	13	6	12	1	7	5	0.204143	0.120823	0.227363	0.024374
protein_co	aldo-keto_r	29	20	22	22	29	18	0.795211	0.703272	0.727872	0.936348

protein_co	dorsal_inhi	3905	3327	3566	728	893	1477	24.92588	27.23276	27.46369	7.212591
protein_co	podoplanir	0	3	2	1553	1857	2447	0	0.058115	0.036453	36.41335
protein_co	leucine_ric	0	0	0	1	1	1	0	0	0	0.032947
protein_co	dehydroger	46	65	36	252	290	238	1.251852	2.26839	1.182077	10.64452
protein_co	matrilin_1_	7	12	7	5	7	0	0.085655	0.188298	0.103348	0.094963
protein_co	lysosomal_	157	119	153	8	9	4	3.311621	3.218824	3.893861	0.261916
protein_co	syndecan_3	8128	6553	6942	1815	2097	1436	59.62485	61.64433	61.44355	20.66573
protein_co	penta-EF-ha	832	680	708	447	469	540	23.94874	25.10022	24.58899	19.97088
protein_co	syncoilin_i	375	306	314	257	351	418	5.151994	5.391069	5.205013	5.480342
protein_co	retinoblast	1869	1528	1599	2100	2397	2645	36.74526	38.52341	37.9305	64.08284
protein_co	KIAA1522	1107	856	885	2292	3022	2030	9.545283	9.46508	9.207305	30.67512
protein_co	testis-speci	7	9	6	5	10	5	0.239934	0.395591	0.248138	0.266008
protein_co	transmemb	100	80	111	230	358	177	1.576665	1.617479	2.111594	5.628566
protein_co	UBX_doma	0	0	0	26	32	40	0	0	0	0.339665
protein_co	calcium/ca	144	122	119	213	355	145	2.890481	3.14034	2.882057	6.636172
protein_co	alkaline_ph	75	54	64	5201	5959	5132	1.358343	1.254156	1.398545	146.2062
protein_co	wingless-ty	0	1	1	9	11	1	0	0.050871	0.047864	0.554161
protein_co	tubulin_tyr	0	0	0	0	2	0	0	0	0	0
protein_co	sodium_ch	48	31	46	55	84	26	0.647689	0.53641	0.748913	1.151911
protein_co	matrix-rem	1538	1032	1168	192	284	152	27.47308	23.6396	25.17341	5.323323
protein_co	chromosor	1064	817	825	935	1355	943	13.95162	13.73771	13.05223	19.02939
protein_co	multiple_E	561	384	454	484	751	439	4.822236	4.232785	4.708575	6.457456
protein_co	coiled-coil_	5	0	1	21	26	10	0.104107	0	0.025122	0.678675
protein_co	interleukin	2	0	0	0	1	0	0.032205	0	0	0
protein_co	DIRAS_fami	14	9	17	2	1	0	0.332722	0.274287	0.487473	0.073776
protein_co	chromosor	2	2	0	2	0	0	0.031135	0.039927	0	0.048327
protein_co	nuclear_fac	617	486	462	225	260	155	3.049556	3.080329	2.755126	1.726094
protein_co	OMA1_zinc	45	45	43	65	79	85	1.002399	1.285435	1.155699	2.247357
protein_co	Myb-like_S	849	673	746	1673	2012	2143	5.108382	5.192782	5.4158	15.62436
protein_co	TM2_doma	321	223	258	118	153	117	12.04136	10.72716	11.67718	6.870413
protein_co	ubiquitin_s	1742	1225	1451	915	874	1531	20.44104	18.43318	20.54331	16.66504
protein_co	far_upstrea	2302	1920	1961	2329	2300	3071	42.76578	45.74057	43.95585	67.15696
protein_co	nexilin_(F_	214	149	179	43	48	86	3.140677	2.804175	3.169645	0.979509
protein_co	DnaJ_(Hsp4	268	189	214	131	127	62	4.205664	3.803391	4.051927	3.190815
protein_co	EGF_latrop	665	566	662	2	2	4	8.840902	9.649409	10.61894	0.04127
protein_co	leucine-rich	4	0	3	6	16	2	0.041459	0	0.037517	0.096525
protein_co	leucine_ric	0	0	0	0	0	1	0	0	0	0
protein_co	tRNA-yW_s	345	296	263	386	269	480	4.716343	5.189044	4.338005	8.19038
protein_co	LIM_homeo	14	12	7	1	0	10	0.276637	0.30407	0.166889	0.03067
protein_co	sorting_nex	588	541	521	187	246	224	15.8274	18.67406	16.92069	7.812757
protein_co	UDP-Gal:be	115	81	104	3	4	3	1.647023	1.487634	1.797145	0.066689
protein_co	netrin_G1	185	186	201	20	27	54	1.844494	2.378087	2.417962	0.309504
protein_co	family_with	687	574	612	890	1182	496	3.865768	4.141906	4.155071	7.773194
protein_co	HEN1_methy	73	50	54	66	88	110	1.826559	1.604317	1.630244	2.563216
protein_co	AKNA_dom	4	0	2	1	1	1	0.061435	0	0.037062	0.023839
protein_co	chromosor	394	324	314	324	428	502	5.452971	5.750311	5.24342	6.960052
protein_co	WD_repeat	23	20	21	1	1	0	0.310173	0.345872	0.341698	0.020932
protein_co	guanylate_k	59	59	50	0	0	0	0.750342	0.962207	0.76723	0
protein_co	ataxin_7-lik	225	157	168	197	216	443	2.411487	2.157801	2.172499	3.27717
protein_co	guanylate_k	48	29	37	0	0	2	0.367345	0.284603	0.341651	0
protein_co	zinc_finger_	470	342	349	335	346	565	8.075598	7.535504	7.235197	8.934127
protein_co	HFM1_ATP-	4	2	2	33	19	20	0.038037	0.024388	0.022947	0.487068
protein_co	family_with	1	0	0	3	1	2	0.016231	0	0	0.075576
protein_co	growth_fac	20	13	28	12	2	7	0.328476	0.273796	0.554856	0.305905
protein_co	potassium_	82	76	66	101	98	78	0.653575	0.776792	0.634707	1.249492
protein_co	amylo-alph	525	397	440	486	448	547	3.306105	3.205953	3.343167	4.750334
protein_co	vascular_ce	773	529	561	0	0	0	9.378003	8.229926	8.211865	0
protein_co	exostosin-li	979	787	845	522	560	597	11.51953	11.87507	11.99656	9.533515
protein_co	solute_carr	1020	769	857	327	383	412	6.055687	5.854623	6.138922	3.013294
pseudogen	DnaJ_(Hsp4	0	0	1	0	0	0	0	0	0.059995	0
protein_co	zinc_finger_	691	557	601	965	1265	1410	10.34515	10.69358	10.85628	22.42417
protein_co	actin_relat	4300	3312	3419	1248	1534	1222	67.54676	66.71688	64.80122	30.42854
protein_co	cell_adhesi	0	1	1	37	49	24	0	0.016056	0.015107	0.719053
protein_co	NLR_family	52	54	44	2	2	5	0.564678	0.751971	0.576499	0.03371
protein_co	zinc_finger_	1950	1504	1599	2203	2670	2231	9.892409	9.784184	9.787324	17.34652

protein_co	tripartite_r	14	11	10	35	56	32	0.203554	0.205094	0.175428	0.789858
protein_co	potassium_	0	0	3	9	8	3	0	0	0.040702	0.157079
protein_co	immunoglo	1087	807	811	2231	2952	2027	21.54246	20.50919	19.39253	68.62711
protein_co	discoidin_c	2229	1674	1870	2	2	1	32.59054	31.38674	32.98915	0.045388
protein_co	phosphopr	4289	3521	3836	834	926	1704	74.65155	78.58835	80.55814	22.53094
protein_co	peroxisoma	481	399	423	559	657	715	6.160639	6.553343	6.536858	11.11279
protein_co	nicastrin	1815	1410	1509	803	830	1154	28.07832	27.97196	28.16643	19.28148
protein_co	VANGL_pla	1775	1385	1483	2543	3038	2399	15.5861	15.59546	15.71189	34.659
protein_co	SLAM_fami	0	0	0	1	0	0	0	0	0	0.026533
protein_co	olfactomed	2927	2500	2422	185	223	132	43.43262	47.57104	43.36262	4.260843
protein_co	Fc_recepto	47	36	28	5	6	5	1.108009	1.088322	0.796437	0.182956
protein_co	solute_carr	0	0	0	2	0	1	0	0	0	0.032873
protein_co	kelch_dom	14	10	10	117	140	72	0.492468	0.451086	0.424422	6.388025
protein_co	chromosor	81	66	54	97	113	43	2.409956	2.518126	1.938501	4.479467
protein_co	feline_leuk	294	218	264	1045	1348	1245	2.32121	2.207155	2.51489	12.80601
protein_co	activating_	110	89	85	359	333	219	2.43642	2.527894	2.271572	12.34197
protein_co	RNA_bindi	381	322	347	651	797	672	4.209495	4.562157	4.625754	11.16391
protein_co	DENN/MAD	2	1	1	28	29	10	0.029242	0.01875	0.017641	0.635433
protein_co	axonemal_	0	1	0	0	0	2	0	0.01651	0	0
protein_co	tudor_dom	0	0	0	25	29	12	0	0	0	0.494697
protein_co	immediate_	2585	1807	1995	687	789	270	51.79944	46.43356	48.23424	21.3674
protein_co	sushi_nido	2021	1558	1565	74	77	39	11.59343	11.461	10.83199	0.658882
protein_co	3'(2')_5'-bis	430	388	375	242	299	249	7.366718	8.524063	7.751485	6.435043
protein_co	spermatoge	7	2	4	19	16	9	0.056416	0.02067	0.038897	0.237679
protein_co	chromosor	12	3	6	508	647	338	0.164864	0.052854	0.099459	10.83274
protein_co	BRO1_dom	551	437	473	325	354	415	6.264888	6.371659	6.488898	5.735557
protein_co	neuroblast	2	1	1	0	0	0	0.008022	0.005143	0.004839	0
protein_co	acid_phosp	104	89	84	248	272	151	2.727384	2.993038	2.65791	10.09474
pseudogen	metallothio	0	0	0	0	0	2	0	0	0	0
protein_co	WD_repeat	0	0	0	1	0	0	0	0	0	0.016651
protein_co	kinesin_fan	4527	3367	3126	39	39	74	17.52424	16.71403	14.60043	0.234328
protein_co	transcriptio	277	199	249	282	345	469	7.028428	6.475016	7.622998	11.10601
protein_co	consortin_	515	344	426	239	278	253	4.710956	4.035242	4.701749	3.393362
protein_co	protein_ph	263	227	218	264	297	308	3.844163	4.25482	3.844595	5.98936
protein_co	kelch_dom	333	307	329	23	27	12	4.914818	5.810465	5.858779	0.526892
protein_co	peptidase_	13	15	14	2	6	16	0.283258	0.41912	0.368056	0.067639
protein_co	protein_kir	237	145	150	220	292	284	4.44162	3.48474	3.391817	6.399503
protein_co	oxoeicosan	111	74	61	37	66	32	2.957268	2.528185	1.960856	1.53003
protein_co	3-hydroxya	472	326	380	65	97	61	14.54145	12.87931	14.12529	3.108204
protein_co	beta-13-N-a	449	327	359	397	466	399	6.939228	6.4807	6.694333	9.523263
protein_co	chromosor	16	6	5	0	4	2	0.357939	0.172127	0.134961	0
protein_co	mitogen-ac	2348	1865	1867	1052	1222	1222	37.18263	37.87304	35.67257	25.8576
protein_co	interleukin	0	0	1	0	0	0	0	0	0.03643	0
protein_co	interleukin	0	0	1	0	0	0	0	0	0.031103	0
protein_co	Fas_apoptc	0	0	0	2	1	2	0	0	0	0.074646
protein_co	polymeric_	1	0	0	0	2	0	0.010958	0	0	0
protein_co	calpain_2_	5882	5133	5181	629	839	638	66.78138	74.73275	70.97281	11.08438
protein_co	mitochond	482	383	379	249	348	354	15.88263	16.18392	15.06825	12.73519
protein_co	chromosor	12	15	14	5	9	8	0.194497	0.311769	0.273784	0.125786
protein_co	WD_repeat	2166	1841	1950	1107	1416	1039	14.77936	16.1087	16.05388	11.72399
protein_co	v-rel_reticu	54	41	47	33	19	19	0.802555	0.781401	0.842805	0.761247
protein_co	pseudourid	87	80	74	38	42	27	0.640816	0.755637	0.657648	0.434438
protein_co	peroxisoma	460	367	380	242	299	249	12.40334	12.68984	12.36268	10.12807
protein_co	KIAA1841	557	364	470	175	209	215	5.783379	4.8466	5.888062	2.820298
protein_co	tripartite_r	56	34	41	26	32	22	0.990136	0.770895	0.874659	0.713527
protein_co	raftlin_fam	220	175	192	24	37	17	3.173117	3.236762	3.341279	0.537286
protein_co	disrupted_i	186	123	133	24	28	41	1.235521	1.047736	1.06595	0.247445
lincRNA	-	0	1	0	0	0	0	0	0.032822	0	0
protein_co	calpain_13	0	0	0	28	23	39	0	0	0	0.759536
protein_co	leucine_ric	9	6	12	12	10	43	0.104899	0.089679	0.168756	0.217091
protein_co	mediator_c	152	98	109	127	257	95	4.058817	3.355763	3.511805	5.263687
protein_co	dpy-30_ho	565	502	468	765	889	830	17.44099	19.87173	17.43077	36.65342
protein_co	tRNA-yW_s	187	142	187	196	240	235	1.343821	1.308572	1.621398	2.186183
protein_co	chromosor	128	92	113	163	199	257	4.014664	3.700295	4.276276	7.935189
protein_co	potassium_	0	0	0	13	9	8	0	0	0	0.413522

protein_co	PQ_loop_re	229	150	160	176	247	143	5.867658	4.928672	4.946492	6.999587
protein_co	ADP-ribosy	1644	1301	1447	790	930	1093	14.47375	14.68811	15.37078	10.79535
protein_co	family_witl	1495	1100	1238	41	38	22	11.03078	10.40799	11.02132	0.469547
protein_co	potassium_	10	2	3	0	2	5	0.093388	0.023951	0.033803	0
protein_co	neuronal_d	0	0	0	2	1	3	0	0	0	0.051038
protein_co	clathrin_he	82	72	68	37	38	23	1.710401	1.925865	1.711359	1.197888
pseudogen	prolyl-tRNA	27	35	29	33	32	33	0.587758	0.977039	0.761694	1.115011
protein_co	frizzled-rela	70	49	53	19	38	46	1.038046	0.931803	0.948293	0.437323
protein_co	dual_specif	42	28	25	45	84	30	0.380483	0.325277	0.273259	0.632746
protein_co	coiled-coil_	403	312	335	234	266	189	9.226893	9.160399	9.254294	8.315661
protein_co	nucleopori	182	176	159	256	261	426	3.017674	3.742166	3.180872	6.588271
protein_co	coiled-coil_	127	80	103	187	179	246	2.498964	2.018625	2.445353	5.711214
protein_co	chromosor	10	7	7	81	152	30	0.24718	0.221881	0.208766	3.107625
protein_co	zinc_finger_	0	2	0	0	0	0	0	0.057513	0	0
protein_co	F-box_prot	162	98	118	602	673	610	1.035467	0.803261	0.91002	5.972388
protein_co	actin_gamr	454	314	355	2	3	20	10.31399	9.147653	9.730768	0.070523
protein_co	chromosor	187	135	175	310	421	340	2.297205	2.126676	2.593847	5.910856
protein_co	structural_	897	744	840	1010	902	1107	8.037521	8.548933	9.081488	14.04693
protein_co	visinin-like_	141	100	114	1017	1072	871	2.426236	2.206598	2.366828	27.16222
protein_co	coiled-coil_	268	270	263	181	213	174	4.473665	5.779653	5.29703	4.689621
protein_co	H3_histone	3912	3005	2974	5922	6619	6478	98.46149	96.98875	90.31431	231.3484
protein_co	ankyrin_rep	0	0	0	5	4	0	0	0	0	0.111866
protein_co	aarF_doma	120	98	96	955	1023	741	1.018795	1.066942	0.983387	12.58459
protein_co	solute_carr	67	51	51	89	76	28	0.715634	0.698547	0.657255	1.47549
protein_co	tektin_4	0	0	0	0	0	1	0	0	0	0
protein_co	engrailed_h	129	85	102	2	3	8	2.461869	2.080192	2.348678	0.059243
protein_co	zinc_finger_	111	82	76	37	83	56	1.338681	1.26817	1.1059	0.692606
protein_co	sarcoglycar	3129	2396	2497	325	427	308	33.11191	32.51433	31.88198	5.338171
protein_co	spermatog	335	305	268	89	95	47	3.573284	4.171881	3.449098	1.473476
protein_co	nitric_oxid	19	22	14	22	35	20	0.351167	0.521425	0.312202	0.631122
protein_co	Homo_sapi	2	0	0	1	12	5	0.02847	0	0	0.022095
protein_co	coiled-coil_	1	5	3	0	0	1	0.027599	0.176956	0.099898	0
protein_co	sphingosin	5	2	2	4	9	20	0.070279	0.036049	0.033918	0.087266
protein_co	inhibin_be	1	2	2	1	2	12	0.014635	0.037534	0.035316	0.022715
protein_co	xin_actin-b	3	0	0	4	5	3	0.011098	0	0	0.022968
protein_co	Bardet-Biec	184	125	111	18	19	24	2.48281	2.162942	1.80716	0.376989
protein_co	SWI/SNF-re	905	736	801	651	714	1224	8.458335	8.821114	9.032685	9.443821
protein_co	hematopoi	0	0	0	4	0	1	0	0	0	0.177946
protein_co	PDZ_and_L	3759	3049	3166	692	846	718	28.97576	30.13903	29.44568	8.279405
protein_co	OTU_doma	818	654	675	436	562	411	6.038418	6.190946	6.012038	4.995591
protein_co	sperm-tail_	1	1	0	1	1	2	0.011156	0.014306	0	0.017316
pseudogen	neuralized_	0	0	0	0	2	0	0	0	0	0
protein_co	regulation_	1186	1036	1085	880	1119	925	7.3125	8.191252	8.071588	8.421594
protein_co	ankyrin_rep	5	9	11	7	9	7	0.090277	0.208382	0.239634	0.196172
protein_co	cathepsin_	77	75	67	1	5	2	0.879116	1.098061	0.922951	0.017721
protein_co	msh_home	2418	1838	2142	2	7	14	58.47347	56.99771	62.49857	0.075069
protein_co	PARK2_co-l	202	179	163	129	152	157	4.569119	5.192105	4.448532	4.528989
protein_co	BCL2/adeno	8	4	4	59	76	68	0.160582	0.102962	0.096876	1.838188
protein_co	C1q_and_t	2	3	1	0	0	0	0.020766	0.039945	0.012528	0
protein_co	tumor_nec	0	2	2	2	6	2	0	0.102088	0.096053	0.123565
protein_co	LysM_putat	187	164	153	134	149	94	3.537085	3.977929	3.491752	3.934043
protein_co	sodium_ch	565	480	547	447	480	497	13.1413	14.31662	15.3506	16.13719
protein_co	vacuolar_p	1224	924	964	1426	1501	1330	13.45052	13.02084	12.78153	24.32247
protein_co	excision_re	1094	969	1014	790	872	1013	12.76697	14.50119	14.27764	14.30962
protein_co	ring_finger_	854	717	732	453	627	277	16.29132	17.5399	16.84836	13.41304
protein_co	IWS1_hom	1289	1004	1100	1462	1655	1541	20.43314	20.40917	21.0389	35.97163
protein_co	bolA_homo	203	168	162	294	332	412	3.192043	3.387594	3.073518	7.175473
protein_co	CDC42_effe	1619	1367	1457	288	343	343	13.31841	14.4206	14.46149	3.677295
protein_co	S100_calci	5703	4710	4892	584	548	776	450.1915	476.7868	465.9383	71.55455
protein_co	DEAH_(Asp-	560	485	512	450	543	658	4.758682	5.285058	5.249485	5.935286
protein_co	small_proli	0	1	0	0	0	0	0	0.075162	0	0
protein_co	Rho_GTPas	1	0	1	28	30	11	0.01574	0	0.018991	0.684067
protein_co	S100_calci	57	55	61	1	0	1	4.632116	5.73161	5.981119	0.126135
protein_co	S100_calci	7	2	1	0	0	0	0.636105	0.233061	0.109642	0
protein_co	transformi	15	9	3	8	7	17	0.16319	0.125561	0.03938	0.13509

protein_co	tudor_dom	0	0	0	1	1	2	0	0	0	0.031223
protein_co	cyclin_Y-lik	926	736	775	588	891	750	11.52645	11.74822	11.63951	11.36037
protein_co	frizzled_fan	315	240	249	2819	3442	3153	2.201902	2.151334	2.100075	30.58531
protein_co	DDB1_and_	1017	743	860	1134	1400	891	10.4853	9.823315	10.69809	18.14694
protein_co	chromosor	0	0	1	3	1	0	0	0	0.14619	0.564185
protein_co	natriuretic_	0	0	0	8	12	8	0	0	0	0.553985
protein_co	glucosamir	353	290	292	128	155	155	3.075469	3.239993	3.0695	1.730921
protein_co	alkaline_ph	0	0	0	3	10	9	0	0	0	0.07349
protein_co	gamma-am	0	0	0	4	6	3	0	0	0	0.042906
protein_co	alkaline_ph	0	0	0	68	94	43	0	0	0	1.985169
protein_co	gamma-am	0	0	1	2	2	0	0	0	0.0264	0.067923
protein_co	progestin_a	497	411	435	367	484	437	2.375328	2.518943	2.508444	2.722473
protein_co	NIPA-like_d	61	33	55	70	74	80	0.539881	0.374534	0.587326	0.961606
protein_co	anthrax_to	3828	3082	3244	127	172	208	21.69648	22.40058	22.18433	1.117253
protein_co	helicase_P(	130	99	82	91	82	124	1.703186	1.663272	1.296226	1.850506
protein_co	mitochond	115	91	68	95	121	138	2.172583	2.204598	1.550014	2.785689
protein_co	CGG_triple	1967	1540	1611	1104	1262	1035	17.40896	17.47827	17.20331	15.16589
protein_co	family_witl	145	153	152	164	151	103	2.369834	3.206643	2.997378	4.160295
protein_co	G_protein-(	89	89	79	13	16	15	0.620091	0.795179	0.664111	0.140585
protein_co	phosphom	536	372	445	447	603	496	19.63519	17.47522	19.66883	25.41607
protein_co	pre-B-cell_l	2130	1643	1664	1048	1235	598	31.09456	30.75755	29.30935	23.74634
protein_co	claudin_1	42	24	18	76	94	88	0.565751	0.414569	0.292548	1.588987
protein_co	pygopus_h	1049	791	854	907	1161	877	15.63497	15.11846	15.35775	20.98261
protein_co	homeodom	1393	1107	1180	981	1210	894	8.007576	8.160314	8.184271	8.752848
protein_co	lens_epithe	0	1	0	0	0	3	0	0.09265	0	0
protein_co	DC-STAMP_	10	5	10	17	27	8	0.188011	0.120549	0.226846	0.496093
protein_co	DC-STAMP_	11	5	3	8	11	5	0.226323	0.131921	0.074474	0.25548
protein_co	collagen_ty	231582	180350	193521	29	45	77	1010.223	1008.876	1018.564	0.196354
protein_co	chromosor	287	210	206	950	1105	1426	3.131092	2.937938	2.711623	16.08674
lincRNA	-	69	60	55	1	1	6	2.29951	2.56417	2.211551	0.051727
protein_co	YY1_associa	519	405	436	392	395	425	8.314287	8.319975	8.427373	9.747073
protein_co	kelch_repea	37	26	31	169	156	314	0.370395	0.333769	0.374432	2.625915
protein_co	family_witl	0	0	0	64	84	75	0	0	0	2.032246
protein_co	EGF_domai	856	668	723	196	237	334	8.484011	8.490109	8.645971	3.015185
protein_co	leiomodin_	3	2	4	0	0	0	0.034427	0.029432	0.055385	0
protein_co	apolipopro	1048	887	927	1075	1361	984	43.68066	47.409	46.61822	69.54514
protein_co	neuroblast	702	558	613	87	111	120	3.077198	3.13662	3.242104	0.591927
protein_co	protein_O-(	351	288	307	205	220	258	4.574318	4.813058	4.827315	4.146709
protein_co	solute_carr	15	6	4	87	76	56	0.149015	0.076436	0.047945	1.341492
protein_co	cholecystol	15	10	12	0	0	0	0.408925	0.349592	0.394713	0
protein_co	immunoglo	7	10	14	1	2	7	0.027793	0.050914	0.067067	0.006163
protein_co	ATPase_Na-	4080	3259	3328	5809	5555	6175	50.84009	52.07627	50.03542	112.3513
protein_co	solute_carr	26	21	18	46	62	64	0.214902	0.222585	0.17951	0.590141
protein_co	eukaryotic_	29	25	38	206	313	230	0.219148	0.242263	0.346474	2.416219
protein_co	prokinetici	0	0	0	10	12	5	0	0	0	0.46985
protein_co	chromosor	0	0	0	0	0	2	0	0	0	0
protein_co	leucine_ric	1107	858	971	476	665	459	6.568044	6.528074	6.951134	4.383549
protein_co	follistatin-l	32154	25254	27277	6020	6552	6220	253.6937	255.5137	259.6685	73.72277
protein_co	leiomodin_	4	4	6	36	44	15	0.047244	0.060584	0.085505	0.659968
protein_co	E74-like_fa	0	2	0	52	70	89	0	0.024081	0	0.757819
protein_co	phosducin-	0	0	0	2	2	1	0	0	0	0.169059
protein_co	transmemb	1329	980	1057	1638	1820	1653	20.64155	19.51878	19.80799	39.48768
protein_co	transmemb	47	38	30	63	57	23	0.636945	0.660385	0.490539	1.325181
protein_co	insulin-like	1756	1249	1262	3	0	8	57.70068	52.62937	50.03384	0.153006
protein_co	tripartite_r	429	334	382	157	181	129	6.062633	6.052849	6.513515	3.44377
protein_co	keratinocyt	1193	1034	1042	736	690	696	17.13842	19.04847	18.06118	16.41113
protein_co	actin_relat	6530	5100	5386	2350	2705	2724	137.5525	137.7637	136.8893	76.83402
protein_co	TSSK6_activ	3	2	0	13	13	14	0.18731	0.160133	0	1.259837
protein_co	chaperonir	4914	3848	3952	7804	7962	8355	107.171	107.6184	103.9937	264.1738
protein_co	transmemb	79	78	61	38	45	45	1.516917	1.920608	1.413229	1.132528
protein_co	signal_sequ	4784	3812	3967	1748	1785	1812	43.42273	44.36988	43.44464	24.62623
protein_co	ring_finger_	588	440	466	259	341	422	14.40508	13.82294	13.77439	9.848468
protein_co	serine/thre	494	399	458	313	337	523	4.695655	4.863529	5.252702	4.617895
protein_co	adenosine_	5	5	13	54	95	35	0.068814	0.088244	0.215874	1.15354
protein_co	SLIT-ROBO_	2343	1807	2013	1108	1071	724	18.41182	18.20924	19.08606	13.51433

protein_co	NIMA-relat	21	30	20	4	1	8	0.231692	0.424446	0.266238	0.068499
protein_co	coiled-coil_	4	2	2	13	9	47	0.02055	0.013176	0.012397	0.103664
protein_co	FEV_(ETS_o	0	0	0	1	1	0	0	0	0	0.038733
protein_co	indian_hed	0	0	4	1	3	4	0	0	0.112086	0.036047
protein_co	KIAA1524	495	409	424	297	280	430	5.695843	6.035113	5.886629	5.304442
protein_co	eomesoder	0	0	0	27	41	119	0	0	0	0.580347
protein_co	CWC22_spl	449	330	331	529	328	622	6.418786	6.049644	5.709296	11.73796
protein_co	5-azacytidi	415	347	369	148	197	169	4.13501	4.43371	4.436116	2.288868
protein_co	transformi	1735	1306	1364	188	241	154	17.60532	16.99405	16.69963	2.960961
protein_co	resistin_lik	0	0	0	1	1	0	0	0	0	0.107662
protein_co	ankyrin_rep	459	428	433	940	983	697	6.632517	7.930833	7.549212	21.08259
protein_co	histone_de	195	175	191	268	370	225	3.089038	3.554971	3.650649	6.589523
protein_co	fibulin_2	1326	984	1009	1119	1567	998	14.3993	13.70258	13.22017	18.86072
protein_co	galactosida	138	127	109	49	91	60	2.357312	2.781961	2.246532	1.299166
protein_co	STT3B_subu	4321	3718	3856	2070	2359	2118	47.71827	52.65252	51.37898	35.48144
protein_co	coiled-coil-	156	143	143	296	387	352	4.571777	5.374101	5.056436	13.46426
protein_co	developme	0	1	0	332	286	191	0	0.043478	0	17.47136
protein_co	neurofascir	8	3	5	283	338	311	0.035209	0.016932	0.026551	1.933235
protein_co	shugoshin-	452	380	433	517	338	462	5.029494	5.422241	5.813288	8.929083
protein_co	serpin_pep	292	253	257	65	49	59	7.179803	7.977367	7.624491	2.480696
protein_co	cytoplasmi	971	841	883	812	996	775	6.252432	6.944405	6.860227	8.115518
protein_co	succinate-C	633	567	519	455	479	556	16.81665	19.31648	16.63608	18.76193
protein_co	NUAK_fami	66	50	43	148	175	69	0.908881	0.882963	0.714463	3.16341
protein_co	protein_kir	1187	1021	999	1857	2077	1731	11.24413	12.40253	11.41797	27.30345
protein_co	myeloid_ce	5	10	13	0	0	1	0.133819	0.343207	0.419795	0
protein_co	interferon_	1211	1002	1050	15	11	40	13.72253	14.56019	14.3558	0.263822
protein_co	absent_in_	0	0	0	16	25	12	0	0	0	0.761594
protein_co	EF-hand_do	4	9	2	14	16	5	0.06644	0.1917	0.040082	0.360934
protein_co	eukaryotic_	107	91	110	34	41	23	0.897056	0.978332	1.112695	0.44243
protein_co	ribosomal_	501	369	436	378	458	691	10.72689	10.13146	11.26343	12.56199
protein_co	protein_ph	52	38	56	424	556	313	0.223	0.208975	0.289759	2.822264
protein_co	islet_cell_a	119	111	106	40	65	41	1.078661	1.290239	1.159289	0.562767
processed_	small_nucl	968	809	885	1300	1506	1345	12.58374	13.48628	13.88115	26.23059
protein_co	cytotoxic_T	16	15	18	0	0	0	0.379484	0.45622	0.515103	0
protein_co	RING1_and	884	643	701	669	761	937	8.737516	8.14997	8.359913	10.26342
protein_co	protein_ph	942	660	789	620	695	1081	8.862439	7.962613	8.956275	9.053667
protein_co	CD200_rec	0	2	0	0	5	2	0	0.032688	0	0
protein_co	GTP-bindin	376	281	293	247	296	325	9.866058	9.455217	9.27623	10.05966
protein_co	chromosor	641	506	525	573	663	586	6.020934	6.094887	5.949948	8.353932
protein_co	spindle_an	423	370	351	180	235	186	3.661524	4.107075	3.665867	2.41838
pseudogen	family_witl	0	0	0	0	1	1	0	0	0	0
protein_co	KIAA1407	41	34	37	27	33	8	0.483524	0.514188	0.526482	0.494229
protein_co	Ca++-deper	171	134	158	116	140	150	1.465581	1.472746	1.633875	1.543129
protein_co	NK6_home	38	41	36	4	3	13	0.678014	0.938098	0.775007	0.110776
protein_co	CDP-diacyl	78	45	84	427	435	423	0.819866	0.606555	1.065309	6.96637
protein_co	WD_repeat	1571	1292	1456	885	963	724	5.167606	5.449856	5.778599	4.518423
protein_co	cytochrom	472	407	393	592	782	474	7.075476	7.823794	7.108112	13.77418
protein_co	protein_tyr	1778	1535	1615	1428	1478	1692	9.72477	10.76627	10.65781	12.12289
protein_co	synaptopor	0	0	1	17	14	8	0	0	0.020884	0.456721
protein_co	chromosor	6	6	4	2	2	5	0.217755	0.279241	0.175156	0.112662
protein_co	chromosor	24	24	30	53	96	81	0.488014	0.625809	0.736021	1.672736
protein_co	THO_comp	387	334	295	452	540	500	18.32973	20.28621	16.85836	33.22876
protein_co	ataxin_7	641	511	533	352	433	439	4.125807	4.217752	4.139292	3.516608
protein_co	proteasom	1316	1109	1104	1270	1368	1489	13.46438	14.55028	13.62849	20.16809
protein_co	prickle_hor	329	264	296	19	19	20	1.857533	1.911411	2.016418	0.166504
protein_co	ADAM_met	5296	3545	3780	132	159	102	33.2703	28.55843	28.65158	1.287103
protein_co	protein_ph	413	356	358	104	145	117	6.538007	7.226944	6.837958	2.555402
protein_co	family_witl	0	1	1	1	2	0	0	0.029303	0.027571	0.035468
protein_co	guanine_m	2086	1616	1730	2506	2742	2607	18.13695	18.01775	18.14864	33.81906
protein_co	TCDD-indu	654	561	652	71	109	74	7.334626	8.068121	8.822585	1.235916
protein_co	cyclin_L1	767	693	732	647	767	791	7.494195	8.683048	8.629562	9.812155
protein_co	pentraxin_	142	73	106	1	5	8	3.432156	2.262616	3.091239	0.037515
protein_co	HESX_hom	2	4	10	23	23	30	0.107055	0.274565	0.645839	1.910885
protein_co	doublecort	2	2	1	21	11	19	0.017549	0.022504	0.010587	0.285998
protein_co	sarcolemm	1060	868	942	871	1032	801	7.36456	7.733392	7.896596	9.392681

protein_co	ribosomal_	4301	3399	3478	5329	6140	5436	93.67114	94.92855	91.39322	180.141
protein_co	small_integ	323	210	180	519	628	281	8.005008	6.674026	5.382448	19.96444
protein_co	ribonuclea	14	11	16	8	15	7	0.194276	0.195747	0.267892	0.172311
protein_co	abhydrolas	90	109	95	90	91	46	1.700283	2.640672	2.165461	2.639074
protein_co	chromosor	33	30	32	88	122	85	0.376672	0.439117	0.440705	1.559061
protein_co	RNA_bindi	42	33	36	2151	2835	2447	0.397774	0.400784	0.411375	31.61974
protein_co	amyloid_be	2090	1557	1832	644	856	724	10.92289	10.43492	11.5522	5.224052
protein_co	interleukin	90	52	45	138	205	84	1.502885	1.113515	0.906659	3.576785
protein_co	interleukin	914	657	652	226	328	246	16.35157	15.0726	14.07372	6.275557
protein_co	cysteine-ric	699	525	656	271	398	232	12.15732	11.70925	13.76615	7.315774
protein_co	proline-rich	192	134	174	186	310	265	2.393747	2.142354	2.617426	3.59932
protein_co	FANCD2_o	2	2	1	3	4	12	0.088891	0.11399	0.053626	0.206957
protein_co	procollage	994	818	811	121	192	154	23.06219	24.33754	22.70299	4.357425
protein_co	U2_snRNP-	1642	1259	1357	1312	1477	2285	10.37647	10.20262	10.34676	12.86888
protein_co	myotubula	699	543	596	997	1184	1086	13.14199	13.09161	13.52005	29.09441
protein_co	tetratricop	281	191	224	86	118	147	1.86842	1.628586	1.797067	0.887559
protein_co	chemokine	0	0	0	17	25	58	0	0	0	0.753965
protein_co	chemokine	2	1	0	49	88	166	0.03695	0.023692	0	1.405126
protein_co	pro-platele	0	0	0	0	0	1	0	0	0	0
protein_co	platelet_fa	0	0	1	8	5	7	0	0	0.093668	0.963971
protein_co	methylenet	66	54	38	59	76	86	0.972883	1.020751	0.675847	1.349893
protein_co	chemokine	3	3	4	5	6	11	0.128232	0.164439	0.206292	0.331722
protein_co	ring_finger	146	161	131	237	218	308	1.460935	2.065919	1.581603	3.680925
protein_co	phospholip	0	1	1	0	0	0	0	0.041728	0.039261	0
protein_co	coiled-coil_	0	0	0	1	0	0	0	0	0	0.019869
protein_co	glycogenin_	483	355	389	480	556	428	11.03698	10.40257	10.72508	17.02451
protein_co	Hermansky	606	525	513	770	1000	583	6.091179	6.767019	6.221486	12.01296
protein_co	transmemb	7	15	8	5	2	17	0.08521	0.23415	0.117498	0.09447
protein_co	topoisome	1035	872	855	734	651	845	9.024018	9.749569	8.994432	9.93313
protein_co	receptor-lik	1537	1228	1306	831	1107	974	13.67551	14.01127	14.02042	11.47628
protein_co	SNF_relate	379	297	287	201	304	179	3.42877	3.445601	3.132774	2.822446
protein_co	transcriptic	0	0	0	0	2	0	0	0	0	0
protein_co	DnaJ_(Hsp4	0	0	0	1	2	1	0	0	0	0.036245
protein_co	urocortin	8	4	3	1	8	7	0.471849	0.30254	0.213492	0.091547
protein_co	zinc_finger	766	621	639	446	665	604	16.79184	17.45704	16.90124	15.17522
protein_co	solute_carr	628	483	505	453	572	587	9.951649	9.815036	9.655502	11.14202
protein_co	phospholip	14	19	9	3	1	7	0.12834	0.223356	0.099546	0.042686
protein_co	speedy_ho	18	7	10	4	2	11	0.405584	0.202263	0.271867	0.139894
protein_co	KIAA1143	671	539	483	1101	1186	1037	6.145157	6.33007	5.337103	15.6505
protein_co	kinesin_fan	548	410	488	479	361	564	5.306842	5.091536	5.701951	7.199819
protein_co	transglutar	0	1	1	0	1	0	0	0.017748	0.016699	0
protein_co	WD_repeat	789	609	657	1226	1453	1928	10.47162	10.36486	10.52083	25.2556
protein_co	zinc_finger	973	789	812	879	1172	1214	14.14259	14.70626	14.24033	19.83058
protein_co	CUB_doma	146	136	109	379	414	284	1.139851	1.36158	1.026762	4.592665
protein_co	C-type_lect	0	0	0	0	0	1	0	0	0	0
protein_co	solute_carr	0	0	0	18	14	6	0	0	0	0.24157
protein_co	leucine_zip	298	230	214	151	131	176	3.430696	3.395495	2.972541	2.698195
protein_co	FYVE_and_	951	806	796	452	468	252	5.243698	5.699038	5.295638	3.868353
protein_co	chemokine	0	1	1	0	0	0	0	0.022018	0.020716	0
protein_co	receptor_(	0	0	0	3	1	3	0	0	0	0.165283
protein_co	leucine_ric	1	4	5	75	87	71	0.009194	0.047161	0.055466	1.070291
protein_co	elongator_	622	513	454	686	844	604	20.8177	22.01755	18.33353	35.63665
protein_co	F-box_prot	0	0	0	0	2	2	0	0	0	0
protein_co	deltex_3-lik	162	163	154	136	154	92	1.29451	1.670272	1.48477	1.686785
protein_co	zinc_finger	776	595	605	252	165	158	3.770247	3.707101	3.546594	1.900374
protein_co	nicotinami	4	0	4	42	38	32	0.07643	0	0.092218	1.24562
protein_co	small_integ	742	587	579	449	630	621	10.07307	10.21893	9.48385	9.460953
protein_co	zinc_finger	353	296	337	215	226	216	2.652167	2.851854	3.05495	2.507236
protein_co	transmemb	679	501	541	441	506	352	16.47094	15.5846	15.83412	16.60419
protein_co	YEATS_dom	1724	1346	1327	1731	1708	1208	12.42521	12.44001	11.53946	19.36395
protein_co	glutamate_	0	0	0	232	316	189	0	0	0	1.855281
protein_co	zinc_finger	166	144	164	186	177	158	2.900053	3.22604	3.456924	5.043608
protein_co	MYST/Esa1-	859	660	714	442	465	492	18.76037	18.48424	18.81458	14.98308
protein_co	Smad_nucl	411	316	358	272	359	328	7.799189	7.689606	8.196694	8.011374
protein_co	dynein_axo	139	138	127	193	202	132	1.841682	2.344705	2.03026	3.96906

protein_co	polymerase	831	612	704	906	1081	947	21.62353	20.42144	22.10275	36.59184
protein_co	Kruppel-lik	2	0	0	150	214	72	0.036434	0	0	4.241247
protein_co	coiled-coil_	2	2	1	8	8	9	0.044892	0.057568	0.027083	0.278716
protein_co	calcium/ca	56	34	49	194	366	241	1.92793	1.501037	2.035389	10.36658
protein_co	lipase_men	0	0	1	0	1	5	0	0	0.014053	0
protein_co	transmemb	326	235	264	197	245	218	3.106309	2.87147	3.035142	2.913558
protein_co	ribophorin	5876	4784	5191	2523	2900	2970	119.2752	124.5285	127.1357	79.49067
protein_co	SUMO1/ser	900	665	732	549	666	1018	7.381671	6.994283	7.243881	6.989
protein_co	hairy/enha	6	10	9	38	36	22	0.076848	0.164244	0.139082	0.755431
protein_co	intraflagell	721	598	667	577	630	508	7.459775	7.934161	8.326536	9.266096
protein_co	chromosor	12	21	18	18	27	18	0.292453	0.656302	0.529293	0.680892
protein_co	replication	489	387	416	953	1093	940	15.8351	16.0706	16.25374	47.89997
protein_co	ribosomal_	178	136	128	740	780	557	11.04024	10.817	9.578921	71.23949
protein_co	BRCA1_ass	1829	1387	1513	1540	1848	1754	21.78355	21.18365	21.74212	28.4686
protein_co	transketola	7920	6445	6749	29495	33282	22859	50.97021	53.1892	52.40572	294.6253
protein_co	protein_kir	611	504	509	495	594	364	10.19566	10.78485	10.24802	12.82064
protein_co	RFT1_hom	521	405	427	405	474	382	4.782635	4.767535	4.729393	5.770521
protein_co	Scm-like_w	148	114	107	269	365	254	1.525884	1.507211	1.331042	4.304698
protein_co	guanine_nu	1611	1275	1360	2145	2139	3292	35.66564	36.19712	36.32799	73.70759
protein_co	polybromo	1813	1395	1519	759	988	1228	11.30023	11.14995	11.42339	7.342798
protein_co	UV-stimula	431	367	360	341	616	352	4.193733	4.579298	4.226433	5.150013
protein_co	family_witl	1599	1364	1415	633	686	499	10.53198	11.52087	11.24517	6.47136
protein_co	Rho_guanir	786	728	673	91	113	56	9.232353	10.96555	9.537905	1.659059
protein_co	stem-loop_	1008	789	803	687	936	852	23.90751	23.99717	22.97933	25.2907
protein_co	low_densit	2246	1772	1827	1210	1597	1493	13.46911	13.62706	13.21952	11.26276
protein_co	zinc_finger_	0	0	0	66	95	51	0	0	0	2.649458
protein_co	solute_carr	72	66	65	40	68	32	2.307643	2.712622	2.513608	1.989878
protein_co	UBX_doma	1737	1396	1547	2091	2446	1289	7.707036	7.942959	8.281823	14.40032
protein_co	ring_finger_	1128	865	930	1906	2274	1563	9.891891	9.727375	9.840138	25.9432
protein_co	phosphatid	327	265	278	127	248	157	5.015713	5.212429	5.14491	3.023564
protein_co	antigen_p9	61	58	51	190	292	148	0.721749	0.880022	0.728072	3.489317
protein_co	otopetrin_	1	1	0	1	0	0	0.025156	0.032258	0	0.039045
protein_co	S100_calci	4	4	2	0	1	4	0.146646	0.188053	0.088468	0
protein_co	actin_bindi	5	3	4	35	64	29	0.065361	0.05029	0.063089	0.710146
protein_co	exonucleas	125	83	94	42	79	54	2.283308	1.944205	2.071717	1.190788
protein_co	claudin_19	1	0	1	104	173	42	0.013332	0	0.016086	2.152147
protein_co	chromosor	171	119	140	127	123	131	5.146465	4.592712	5.083807	5.932628
protein_co	erythroblas	74	68	73	26	27	28	0.878668	1.035408	1.045837	0.479178
protein_co	zinc_finger_	124	87	94	242	254	244	3.004838	2.70351	2.748371	9.102177
protein_co	aminoacyl_	588	452	510	554	460	507	10.66177	10.50993	11.15758	15.59165
protein_co	sphingomy	490	371	438	1	0	2	3.73656	3.627932	4.029935	0.011836
protein_co	methionyl_	961	861	864	1558	1655	1398	16.14522	18.54954	17.51388	40.62735
protein_co	DnaJ_(Hsp4	953	818	843	374	273	358	6.914155	7.610424	7.379414	4.211612
protein_co	H2A_histor	3327	2724	3083	3106	3840	5774	82.98037	87.12424	92.77781	120.2415
protein_co	endomucin	0	0	1	0	0	0	0	0	0.014014	0
protein_co	solute_carr	7	8	9	7	9	0	0.174683	0.256008	0.270984	0.271133
protein_co	solute_carr	307	247	299	73	110	65	4.605002	4.751139	5.411413	1.699592
protein_co	3-hydroxyb	183	168	156	190	172	178	3.085535	3.632436	3.173599	4.97237
protein_co	progestero	992	674	739	756	1008	881	12.28927	10.70739	11.04605	14.53673
protein_co	cell_divisio	497	368	415	1399	1869	2356	6.16028	5.849264	6.206406	26.91487
protein_co	cathelicidir	1	1	1	0	0	0	0.06294	0.080711	0.07594	0
protein_co	zinc_finger_	213	147	219	1636	1969	1908	2.12366	1.879456	2.634496	25.3174
protein_co	F-box_and_	1	1	2	14	11	21	0.021431	0.027482	0.051714	0.465684
protein_co	plexin_B1	1359	1066	1144	2247	2980	2839	8.719695	8.770986	8.856374	22.3777
protein_co	coiled-coil_	254	185	221	362	401	389	7.634657	7.130777	8.014863	16.88865
protein_co	ATR_intera	214	182	170	199	293	237	3.687785	4.021912	3.53467	5.322742
protein_co	shisa_hom	3134	2550	2663	1938	2283	2235	62.03179	64.72393	63.59669	59.53873
protein_co	sprouty_hc	1011	758	776	1310	1620	1045	18.93203	18.20223	17.53298	38.07569
protein_co	bassoon_pr	87	67	53	114	161	93	0.255684	0.252504	0.187935	0.520019
protein_co	N-acylamin	2239	1826	1772	4043	4497	3923	32.60458	34.09845	31.1341	91.3816
protein_co	inturned_p	155	122	148	134	160	132	1.266194	1.27802	1.458741	1.699041
protein_co	ring_finger_	879	734	768	481	664	390	7.007196	7.503446	7.386941	5.951561
protein_co	heat_shock	60	62	58	140	131	80	0.681541	0.903112	0.794908	2.468307
protein_co	major_facil	221	165	192	159	133	167	2.297715	2.199871	2.408536	2.565851
protein_co	chromosor	161	183	153	270	365	263	1.385191	2.019037	1.588266	3.605605

protein_co	CaM_kinase	0	0	0	1101	1407	1478	0	0	0	24.17941
protein_co	MON1_hon	354	255	335	173	218	215	6.568685	6.067708	7.500116	4.982551
protein_co	macrophag	4	2	3	55	108	46	0.040051	0.02568	0.036243	0.85477
protein_co	RAD54-like	727	590	627	443	509	449	6.646333	6.916861	6.916132	6.286109
protein_co	testis_expr	526	422	444	223	311	151	6.264706	6.445205	6.380372	4.122402
protein_co	glutamate_	35	25	25	175	210	176	0.250557	0.229503	0.215937	1.944499
protein_co	dual_specif	2143	1670	1721	447	541	320	30.08542	30.0649	29.15163	9.740291
protein_co	POC1_cent	336	255	273	473	545	393	7.881464	7.670384	7.72642	17.22103
protein_co	protein_ph	416	316	325	63	94	41	8.030567	7.822567	7.569798	1.887661
protein_co	alanine-gly	0	1	2	14	5	14	0	0.028647	0.053907	0.48543
protein_co	WD_repeat	4360	3482	3588	2121	2710	2707	47.1822	48.32032	46.84812	35.62565
protein_co	paired-like_	446	390	362	476	615	809	6.225945	6.981429	6.097152	10.31354
protein_co	chromosor	1336	1033	1103	1001	901	807	26.92096	26.69277	26.81684	31.30751
protein_co	protease_se	88	77	93	258	345	211	0.858041	0.962777	1.094099	3.904593
protein_co	N-deacetyla	223	194	207	6	3	11	1.754148	1.956917	1.964625	0.073256
protein_co	high_mobil	3861	3042	3116	4768	5223	3951	95.84032	96.83157	93.32413	183.7025
protein_co	Sin3A-assoc	452	331	412	308	408	304	19.12842	17.96296	21.0371	20.23121
protein_co	stimulator_	450	337	320	1	4	0	12.85049	12.34089	11.02568	0.044324
protein_co	heart_and_	1058	783	810	0	2	13	17.84519	16.93584	16.48423	0
protein_co	MAD2_mit	833	685	709	1215	1372	1595	23.61511	24.90261	24.25153	53.46279
protein_co	annexin_A5	12042	9993	10410	2518	2892	3126	320.4595	341.0199	334.2514	104.0065
protein_co	transmemb	16	29	20	3	2	19	0.314039	0.729914	0.473633	0.091394
protein_co	microtubul	331	263	256	171	170	161	2.116541	2.156571	1.975089	1.69717
protein_co	guanylate_	38	35	52	0	0	5	0.404959	0.478305	0.66862	0
protein_co	F-box_prot	237	173	151	88	89	95	4.312353	4.036653	3.315057	2.485302
protein_co	centrosom	244	183	219	212	224	175	2.523415	2.426941	2.732694	3.403026
protein_co	hydroxypro	0	1	0	15	13	74	0	0.019864	0	0.360653
protein_co	transmemb	30	30	39	43	43	30	0.288732	0.370257	0.452883	0.64235
protein_co	family_witl	2053	1644	1653	0	2	7	19.31097	19.83017	18.76014	0
protein_co	neuropepti	5	6	3	34	48	50	0.077402	0.119108	0.056034	0.816941
protein_co	neuropepti	0	1	1	7	3	6	0	0.018891	0.017774	0.160056
protein_co	N(alpha)-ac	1173	862	948	1553	1686	2200	8.839921	8.330422	8.61999	18.16571
protein_co	interleukin	7	5	4	20	30	28	0.054469	0.049892	0.037554	0.241553
protein_co	family_witl	4	4	3	367	384	216	0.040988	0.052561	0.037091	5.837016
protein_co	ADP-ribosy	540	501	471	471	562	491	7.395038	8.798197	7.782437	10.01147
protein_co	KIAA0947	1429	1120	1347	1217	1293	1474	8.452862	8.495695	9.613625	11.17359
protein_co	hedgehog_i	394	369	364	5	3	8	1.83426	2.202928	2.044627	0.03613
protein_co	anaphase_p	64	59	52	50	72	54	2.927767	3.46113	2.870172	3.550234
protein_co	ATP-bindin	1069	804	913	1035	1033	1496	12.78384	12.3296	13.17354	19.21119
protein_co	OTU_doma	899	660	768	998	1198	1006	5.963237	5.614042	6.146554	10.27504
protein_co	LSM6_hom	340	252	287	556	684	642	11.79187	11.20762	12.00974	29.93015
protein_co	transmemb	603	477	531	568	622	683	6.767516	6.864986	7.190424	9.89443
protein_co	protein_arg	153	136	129	153	172	107	2.033496	2.317929	2.068662	3.156267
protein_co	integrin_al	374	328	378	223	212	124	2.228602	2.506363	2.717695	2.062511
protein_co	molybdenu	525	331	455	147	161	192	6.899456	5.578185	7.214645	2.998495
protein_co	solute_carr	1	4	2	2	1	1	0.01722	0.088329	0.041554	0.053456
protein_co	EGF-like_re	2361	1887	2022	1106	1129	947	23.42021	24.00358	24.20048	17.02866
protein_co	transmemb	227	187	204	140	182	168	1.399058	1.477954	1.517009	1.339271
protein_co	ELOVL_fatt	3	4	2	131	152	115	0.033774	0.057748	0.027167	2.289113
protein_co	NADH_deh	330	250	264	243	336	308	21.85552	21.23227	21.09595	24.97951
protein_co	zinc_finger_	2	4	6	0	0	1	0.04775	0.122464	0.172838	0
protein_co	LMBR1_do	179	143	196	83	89	63	1.025451	1.050527	1.354771	0.738024
protein_co	RAN_bindi	243	183	169	1	0	0	3.670836	3.545023	3.080303	0.023447
protein_co	Nipped-B_h	1629	1312	1503	1083	686	1018	7.319965	7.560162	8.148825	7.553476
protein_co	ring_finger_	48	26	40	17	14	12	0.458769	0.318666	0.461276	0.252193
protein_co	G_protein-	11	5	18	1003	926	883	0.026672	0.015547	0.052661	3.774855
protein_co	solute_carr	712	551	573	297	295	383	5.357139	5.316354	5.201824	3.468485
protein_co	StAR-relate	1922	1422	1535	462	464	665	19.56635	18.56374	18.85441	7.300102
protein_co	protein_ge	314	218	260	233	262	371	5.399144	4.806856	5.394071	6.218443
protein_co	coagulatio	745	560	645	1	2	4	10.18754	9.819973	10.64194	0.021225
protein_co	coiled-coil_	217	189	176	270	274	253	3.965368	4.42889	3.880471	7.658046
protein_co	ankyrin_re	10	17	7	43	60	131	0.29472	0.642493	0.248918	1.967022
protein_co	carboxyme	423	313	337	514	692	375	8.494423	8.060225	8.165287	16.02091
protein_co	chromosor	1	0	1	4	4	5	0.008255	0	0.00996	0.051253
protein_co	proline-rich	2661	2240	2399	1201	1249	1048	22.66976	24.47143	24.65927	15.88091

protein_co	coagulatio	544	480	523	847	1003	1138	8.753661	9.904702	10.15408	21.1546
protein_co	angiogenic_	610	492	538	494	453	401	6.343515	6.561069	6.750415	7.973658
protein_co	WD_repeat	1119	911	879	437	542	443	13.25668	13.83988	12.56439	8.035567
protein_co	PR_domair	0	0	0	6	5	2	0	0	0	0.118309
protein_co	NADH_deh	553	462	446	371	374	368	31.12867	33.3493	30.29133	32.41453
protein_co	secretoglol	0	0	0	620	714	1221	0	0	0	67.14803
protein_co	serine_pep	0	0	0	23	17	5	0	0	0	1.409037
protein_co	5-hydroxyt	0	0	0	1	0	0	0	0	0	0.023614
protein_co	endothelial	27	27	23	0	0	1	0.583693	0.748504	0.599925	0
protein_co	GrpE-like_2	242	153	185	404	490	517	2.761593	2.238953	2.547206	7.155765
protein_co	cell_divisio	1	1	1	0	1	0	0.015274	0.019586	0.018429	0
protein_co	arylsulfatas	249	211	192	182	170	162	3.481101	3.782763	3.238669	3.949292
protein_co	Rho-relatec	3021	2328	2460	479	694	425	25.5833	25.28123	25.13559	6.296103
protein_co	glutathione	3602	2755	3104	491	588	507	49.35647	48.40958	51.31805	10.44269
protein_co	tigger_tran	86	60	63	41	56	25	1.006625	0.900596	0.88973	0.744876
protein_co	spermatoge	0	0	0	0	0	1	0	0	0	0
protein_co	serine_incc	189	176	165	566	691	503	3.202824	3.824664	3.373675	14.88738
protein_co	ectonucleo	0	0	0	1	4	2	0	0	0	0.018491
protein_co	cancer_ant	0	0	0	1	2	3	0	0	0	0.022162
protein_co	caspase_3_	974	769	729	1635	2076	3120	17.086	17.29885	15.42968	44.51739
protein_co	coiled-coil_	158	101	133	139	135	170	3.23662	2.653171	3.287262	4.419569
protein_co	endoplasm	912	653	708	304	341	294	7.792219	7.154657	7.298735	4.031534
protein_co	endoplasm	34	25	24	2	0	0	0.27945	0.263496	0.238004	0.025514
protein_co	cardiomyo	91	97	86	33	26	42	0.332139	0.454004	0.378726	0.186949
protein_co	EGF-like_fil	338	312	303	50	42	46	3.593023	4.253116	3.886279	0.824981
protein_co	KIAA1430	752	583	611	769	704	549	7.267373	7.224994	7.124409	11.53497
protein_co	transmemb	0	0	0	0	1	0	0	0	0	0
protein_co	RPTOR_ind	555	432	459	343	240	297	2.727021	2.722003	2.721173	2.615894
protein_co	PAP_associ	624	565	509	453	427	349	8.305243	9.643297	8.17398	9.358288
protein_co	early_B-cell	602	442	408	9	3	2	5.376722	5.062356	4.396725	0.124765
protein_co	ankyrin_rep	159	174	151	219	223	100	3.613918	5.071539	4.141009	7.726019
protein_co	ubiquitin-li	537	465	435	256	279	465	10.54436	11.70869	10.30584	7.80219
protein_co	UTP15_U3_	325	244	263	292	373	470	4.13324	3.979298	4.035627	5.763955
protein_co	toll-like_re	1	3	1	22	29	17	0.015389	0.059202	0.018568	0.525486
protein_co	kallikrein_E	4	4	4	70	117	264	0.079374	0.101786	0.095769	2.155982
protein_co	NSA2_ribos	789	596	618	668	647	815	26.55867	25.72675	25.09954	34.90087
protein_co	G_elongati	370	331	302	371	420	379	5.339891	6.125873	5.258788	8.310651
protein_co	telomerase	0	0	0	724	902	489	0	0	0	13.11413
protein_co	solute_carr	0	0	0	2	2	1	0	0	0	0.068628
protein_co	coiled-coil_	238	202	238	266	314	243	7.664714	8.342183	9.247919	13.29631
protein_co	forkhead_b	3	0	2	6	3	49	0.060686	0	0.048814	0.188386
protein_co	chromosor	2	4	0	3	1	5	0.038529	0.098816	0	0.089704
protein_co	G_protein-	0	0	0	0	0	2	0	0	0	0
protein_co	acyl-CoA_sy	0	0	0	16	26	18	0	0	0	0.178082
protein_co	interleukin	0	0	0	1	0	0	0	0	0	0.069314
protein_co	colony_stir	0	0	0	1	0	0	0	0	0	0.09295
protein_co	septin_8	2253	1759	1856	745	954	767	24.06451	24.09301	23.91894	12.35101
protein_co	shroom_fa	162	83	119	165	216	55	1.890068	1.241795	1.675164	2.987974
protein_co	growth_dif	7	2	1	3	4	4	0.12433	0.045553	0.02143	0.082704
protein_co	ubiquinol-(	495	327	396	221	265	295	26.5567	22.49707	25.63375	18.40313
protein_co	liver_expre	16	8	12	13	16	20	0.339937	0.21796	0.307615	0.428698
protein_co	gap_junctio	4	2	1	4	17	31	0.082227	0.052722	0.024803	0.127628
protein_co	solute_carr	26	21	39	20	25	28	0.658639	0.682186	1.192028	0.786384
protein_co	glutamate_	7	9	4	1	4	2	0.0667	0.109971	0.045987	0.01479
protein_co	Mab-21_dc	48	35	54	117	160	194	0.707329	0.66139	0.960112	2.676064
protein_co	fatty_acid_	41	26	35	11	5	18	0.921616	0.749461	0.949253	0.383786
protein_co	T-cell_leuk	1	0	0	10	6	1	0.031407	0	0	0.487474
protein_co	taxilin_bet	9	7	5	0	2	0	0.088788	0.088556	0.059516	0
protein_co	Cbp/p300-i	641	444	423	807	973	746	15.77769	14.0145	12.56243	30.83113
protein_co	T_brachyur	20	9	11	3	8	14	0.384976	0.222154	0.255472	0.08963
protein_co	CREB3_regu	76	76	57	94	54	50	0.457581	0.586783	0.414073	0.878441
protein_co	discoidin_(	1054	795	907	206	236	239	13.62992	13.18345	14.15168	4.13476
protein_co	sideroflexir	1712	1392	1507	1288	1545	1215	18.97322	19.78272	20.1511	22.15561
protein_co	sterile_alpl	73	61	53	25	12	22	0.927634	0.994016	0.812602	0.493088
protein_co	transmemb	1550	1247	1319	338	396	228	14.48665	14.94556	14.87405	4.903244

protein_co	dapper_ant	10	3	0	153	280	113	0.159381	0.061315	0	3.784945
protein_co	prenyl_(de	224	205	220	183	242	210	2.967052	3.482093	3.515992	3.762346
protein_co	syntaxin_bi	511	468	433	133	111	89	5.407538	6.350879	5.528593	2.184544
protein_co	interleukin	303	290	282	0	1	0	4.894135	6.006766	5.495795	0
protein_co	ankyrin_rep	0	0	0	1	0	0	0	0	0	0.029112
protein_co	retinoic_ac	2	1	5	0	0	0	0.044678	0.028647	0.134768	0
protein_co	peptidase_i	0	3	3	1	0	1	0	0.08237	0.077501	0.033233
protein_co	T-box_20	0	1	0	0	1	0	0	0.032138	0	0
protein_co	diacylglyce	286	205	201	390	477	688	4.629115	4.254956	3.925328	9.797764
protein_co	KIAA0895	28	15	33	3	4	3	0.309578	0.212673	0.440224	0.051483
protein_co	serine/thre	564	506	517	261	372	321	7.852129	9.033752	8.684542	5.640002
protein_co	transforme	1067	797	920	782	943	1549	27.11742	25.97477	28.21109	30.84759
protein_co	family_witl	0	0	0	0	2	0	0	0	0	0
protein_co	UDP-N-acet	11112	8819	9514	799	885	768	87.40847	88.95901	90.29682	9.755253
protein_co	SAP30-like	488	345	421	274	500	241	15.39861	13.96015	16.02846	13.41969
protein_co	ribosomal_	9911	7923	8312	12328	12395	11430	148.9987	152.7439	150.7713	287.6657
protein_co	hyperpolar	206	171	157	44	50	24	1.787113	1.902349	1.643359	0.592472
protein_co	myozenin_	76	85	60	155	212	232	1.034439	1.483609	0.98535	3.274563
protein_co	componen	944	780	825	265	394	242	8.169837	8.65656	8.614764	3.559736
protein_co	chromosor	158	139	150	80	73	44	1.860995	2.099483	2.131707	1.462543
protein_co	G_protein-	157	116	111	6	8	2	1.492344	1.413958	1.273035	0.088522
protein_co	SLU7_splici	795	634	631	514	458	663	9.827989	10.0507	9.411849	9.862594
protein_co	retinitis_pi	284	244	235	160	172	166	11.87936	13.08802	11.86016	10.38784
protein_co	pituitary_t	993	797	805	1907	1795	1363	43.51569	44.78827	42.56381	129.7113
protein_co	calcium_m	598	500	508	939	1092	506	12.64212	13.55496	12.95778	30.81165
polymorph	F-box_and_	1	0	0	18	21	16	0.026917	0	0	0.75203
protein_co	BMP_bindi	4	5	3	24	21	12	0.037281	0.059759	0.033736	0.34719
protein_co	RELT-like_2	57	49	68	131	262	144	1.060608	1.16919	1.526641	3.783394
antisense	SMAD5_an	0	0	0	0	0	1	0	0	0	0
protein_co	potassium_	0	0	0	1082	1402	806	0	0	0	20.96585
protein_co	kinesin_fan	8	3	8	9	9	10	0.041304	0.019862	0.049835	0.072123
protein_co	zinc_finger_	357	307	320	287	340	346	3.314143	3.654692	3.584273	4.13538
protein_co	solute_carr	704	499	576	622	730	467	11.462	10.41832	11.3151	15.71842
protein_co	six_transm	425	309	343	33	38	44	15.17765	14.15088	14.77944	1.829195
protein_co	cell_divisio	920	737	795	1803	1976	1834	14.07006	14.4539	14.66977	42.79908
protein_co	Sp8_transc	1	0	0	2072	2930	1476	0.027357	0	0	87.98118
protein_co	missing_oo	246	222	209	488	544	513	3.340557	3.86586	3.42435	10.28571
protein_co	KIAA1324-l	366	312	327	790	811	504	2.50866	2.742362	2.704311	8.404625
protein_co	ubiquitin_s	182	105	151	474	616	483	0.944652	0.698874	0.945639	3.818644
pseudogen	integrator_	23	24	31	27	25	20	0.42293	0.565927	0.687781	0.77061
protein_co	synaptotag	19	19	19	5	8	6	0.388704	0.498458	0.468994	0.158769
protein_co	IQ_motif_a	3	4	0	5	16	9	0.041036	0.070163	0	0.106155
protein_co	hairy/enha	217	132	132	44	39	59	4.431678	3.45694	3.252599	1.394735
protein_co	zinc_finger_	610	412	470	190	252	167	1.988246	1.722054	1.848359	0.961224
protein_co	fatty_acid_	950	627	736	484	651	1032	45.17801	38.2367	42.2308	35.72558
protein_co	sonic_hedg	0	0	0	3	9	14	0	0	0	0.049021
protein_co	T-cell_activ	10	1	5	1	2	1	0.120633	0.015469	0.072775	0.018724
protein_co	collagen_ty	282020	211707	218778	1617	1877	1735	2206.561	2124.128	2065.322	19.63707
protein_co	fibronectin	2705	1889	2040	24	29	28	19.35859	17.33596	17.61508	0.266593
protein_co	charged_m	2	1	0	40	69	53	0.050257	0.032224	0	1.560124
protein_co	solute_carr	26	34	35	60	51	28	0.169655	0.284499	0.275556	0.60768
protein_co	brain_prot	863	670	691	582	761	481	49.40914	49.19043	47.73342	51.71898
protein_co	lemur_tyro	769	580	571	873	1222	1054	4.030676	3.898422	3.611068	7.102254
protein_co	cathepsin_l	6776	5387	5734	1568	1759	1302	81.994	83.59205	83.71715	29.44999
protein_co	SRY_(sex_d	8	9	4	18	13	85	0.160171	0.231071	0.096628	0.559367
protein_co	deleted_in_	2268	1679	1818	39	39	84	14.28046	13.55686	13.8115	0.381148
protein_co	adenylate_	347	218	256	960	1232	693	1.301355	1.048412	1.158388	5.588148
protein_co	chromosor	45	37	40	10	10	12	1.460243	1.539656	1.566104	0.503666
protein_co	Sad1_and_	1	0	1	3	5	2	0.032205	0	0.038857	0.149958
protein_co	chromosor	1	0	2	7	19	10	0.022066	0	0.053248	0.239745
protein_co	hepatocyte	27	35	18	14	25	22	0.300791	0.50001	0.241948	0.242081
protein_co	peroxisom	388	390	369	382	438	315	4.148045	5.346699	4.759772	6.338779
protein_co	RAD21_hor	2860	2379	2418	2787	2913	2805	35.77099	38.15652	36.48962	54.10438
protein_co	solute_carr	0	0	2	0	0	0	0	0	0.020838	0
protein_co	mediator_c	144	107	111	114	115	110	6.854987	6.531866	6.375514	8.423246

protein_co	tumor_nec	36	34	22	8	7	26	0.702765	0.85113	0.518177	0.242397
protein_co	somatomed	8	10	13	63	73	97	0.09869	0.158195	0.193497	1.206295
protein_co	phosphoryl	35	19	16	11	27	7	0.955824	0.665385	0.527203	0.466265
protein_co	engrailed_h	18	40	39	1	7	4	0.248607	0.708451	0.64991	0.021437
protein_co	potassium_	0	0	0	2	1	6	0	0	0	0.020857
protein_co	CUB_and_S	15	11	15	0	1	0	0.053236	0.050063	0.064232	0
protein_co	KIAA0146	657	563	600	962	1162	904	7.72486	8.488735	8.511861	17.55621
protein_co	origin_recc	217	125	135	172	208	306	4.980486	3.679013	3.738469	6.127325
protein_co	HEAT_repea	977	672	769	1306	1533	1491	13.43447	11.84963	12.75852	27.87402
protein_co	oxidative_s	837	656	715	231	261	222	9.19994	9.246401	9.482299	3.94096
protein_co	defensin_b	1	2	1	0	0	0	0.098096	0.251589	0.118359	0
protein_co	Sad1_and_	4847	3800	4056	2050	2276	1780	50.34912	50.61879	50.83523	33.05241
protein_co	oxidation_	598	492	496	196	212	161	6.162688	6.501947	6.167352	3.13513
protein_co	transmemb	4	2	6	55	80	49	0.107731	0.069075	0.194976	2.29919
pseudogen	family_witl	22	24	24	26	27	19	1.064582	1.489283	1.401251	1.952812
protein_co	G_protein-	8	4	4	11	6	3	0.190804	0.122339	0.115108	0.407212
protein_co	G_protein-	613	438	483	19	35	53	9.674716	8.864642	9.197566	0.465438
protein_co	UNC_home	0	0	0	0	4	4	0	0	0	0
protein_co	transmemb	9	2	3	4	4	5	0.148438	0.0423	0.0597	0.102399
protein_co	nitric_oxid	6	6	8	73	78	33	0.064116	0.082219	0.103146	1.210785
protein_co	MICAL-like_	605	466	529	108	136	115	5.405576	5.339269	5.702828	1.497755
protein_co	carbonic_a	1	5	5	11	8	13	0.026748	0.171505	0.161368	0.45669
protein_co	integrator_	6831	5097	5579	5783	7536	6349	42.79301	40.9461	42.16897	56.23054
protein_co	cyclin-depe	411	303	367	288	263	254	10.96234	10.36367	11.8107	11.92297
protein_co	solute_carr	3359	2387	2627	1785	2310	1988	31.98042	29.14311	30.17743	26.37806
protein_co	Fas-activate	1786	1277	1407	482	595	627	27.81321	25.50174	26.43698	11.65057
protein_co	transmemb	1024	705	766	1139	1345	928	30.72001	27.12189	27.7267	53.03659
protein_co	chromosor	6	1	0	1	9	1	0.232512	0.049694	0	0.060149
protein_co	gastrulatio	0	1	2	3	9	3	0	0.055064	0.103618	0.199945
protein_co	phosphoryl	1095	862	870	729	786	1094	11.97401	12.08766	11.47871	12.37325
protein_co	aldehyde_d	2032	1724	1794	2798	2973	2553	19.1943	20.88311	20.44651	41.02294
protein_co	forkhead_b	2385	1763	1951	1175	1460	790	10.00203	9.481158	9.871998	7.648356
protein_co	cytochrom	1050	840	782	964	908	860	59.46198	61.00124	53.43242	84.73397
protein_co	odd-skippe	67	55	48	2	0	4	1.709266	1.799314	1.477489	0.079195
protein_co	tyrosine_3-	12521	10238	10791	9095	10638	10471	111.8731	117.3035	116.3312	126.1304
protein_co	brain_and_	77	71	60	26	14	12	1.275355	1.508024	1.199057	0.668412
protein_co	frizzled_fan	473	424	409	228	257	254	5.855063	6.730473	6.108601	4.380622
protein_co	collagen_tr	1374	1083	1158	50	52	59	50.68992	51.2357	51.54558	2.863092
protein_co	solute_carr	590	461	495	196	234	264	9.569391	9.588321	9.686916	4.934224
protein_co	DDB1_and_	1095	851	936	915	938	1253	9.687655	9.654803	9.991448	12.56481
protein_co	dendrocyte	140	143	152	0	0	0	3.361292	4.402745	4.403214	0
protein_co	tumor_pro	711	524	558	375	368	189	5.913232	5.588509	5.599349	4.840799
protein_co	integrator_	757	622	666	838	752	769	7.661503	8.072681	8.132805	13.16414
protein_co	KIAA1429	1569	1341	1338	887	956	855	11.26998	12.35203	11.5959	9.889045
protein_co	FRAS1_rela	40	27	35	73	85	90	0.185906	0.160918	0.196267	0.526606
protein_co	GTP_bindir	1586	1286	1405	78	74	31	33.68096	35.02125	36.00026	2.571026
protein_co	pyruvate_d	1022	909	882	213	269	246	10.99624	12.54199	11.45011	3.557159
protein_co	transmemb	213	160	155	116	129	153	2.147403	2.068537	1.885445	1.815192
protein_co	KIAA0196	741	597	661	531	557	705	8.298424	8.573558	8.931552	9.230015
protein_co	ribonuclea	181	148	144	251	393	252	7.772063	8.14946	7.460506	16.72869
protein_co	family_witl	718	617	580	425	479	404	9.239032	10.18114	9.004883	8.488314
protein_co	chromosor	5	9	7	16	25	21	0.203693	0.470172	0.344073	1.011709
protein_co	small_nucl	826	743	771	691	894	450	6.818865	7.86557	7.679527	8.854022
protein_co	KIAA1161	624	519	503	388	479	694	4.573206	4.877675	4.447871	4.413655
protein_co	nudix_(nuc	265	251	241	198	211	146	11.58048	14.06578	12.70708	13.43001
protein_co	transmemb	1048	875	899	201	290	159	15.22328	16.29912	15.75631	4.531828
protein_co	PC4_and_S	2265	1791	1769	6240	6557	7886	31.31993	31.75832	29.51403	133.9269
protein_co	coiled-coil_	77	58	50	63	44	52	0.554443	0.535554	0.434394	0.704104
protein_co	ubiquitin_a	868	670	732	601	765	687	14.04435	13.90164	14.29029	15.0934
protein_co	DIRAS_fami	381	337	288	8	5	3	4.074138	4.62115	3.715791	0.13278
protein_co	spleen_tyro	3	6	7	242	240	183	0.028106	0.072084	0.079127	3.519023
protein_co	nipsnap_ho	20	15	21	14	15	9	0.535274	0.51481	0.678131	0.581574
protein_co	ATP-bindin	1063	898	858	170	175	263	4.74977	5.14547	4.62567	1.179013
protein_co	nuclear_fac	249	188	227	199	207	166	5.599815	5.421775	6.159539	6.94637
protein_co	leucine_zip	94	111	101	63	80	64	1.605706	2.431478	2.081649	1.670356

protein_co	methyltran	822	619	685	648	830	681	6.711404	6.480993	6.74808	8.211964
protein_co	frataxin	172	141	115	244	264	325	3.09244	3.250882	2.494702	6.809153
protein_co	zinc_finger_	3	0	0	137	141	80	0.057044	0	0	4.043322
protein_co	NK6_home	0	0	0	0	2	0	0	0	0	0
protein_co	transmemb	1	0	2	0	0	0	0.023527	0	0.056774	0
protein_co	MAM_dom	171	146	137	94	102	103	2.217421	2.427807	2.143486	1.891953
protein_co	protease_se	2	2	0	2	2	0	0.051134	0.065572	0	0.079367
protein_co	carboxypep	0	0	0	0	1	0	0	0	0	0
protein_co	chromoson	1	8	6	12	21	17	0.01284	0.131719	0.09295	0.239145
protein_co	transmemb	4	5	4	1	0	0	0.058594	0.093923	0.070697	0.022737
protein_co	aldehyde_d	23	14	18	28	33	26	0.511851	0.399534	0.483322	0.967173
protein_co	lysine_(K)-s	408	354	397	137	168	126	4.182581	4.653683	4.910467	2.179893
protein_co	heparan-alp	1835	1593	1637	208	229	214	16.3923	18.24857	17.64414	2.884016
protein_co	RAS_and_El	69	72	61	144	223	115	0.580239	0.776425	0.618921	1.879536
protein_co	G_kinase_a	7	6	6	94	82	31	0.184606	0.202913	0.190918	3.847751
protein_co	kinesin_fan	62	63	56	63	73	26	0.624797	0.814137	0.6809	0.985413
protein_co	chromoson	41	18	33	295	427	245	0.786938	0.443036	0.764221	8.788392
protein_co	heterogene	8677	6861	7031	8659	9643	11750	138.2953	140.2279	135.2081	214.2081
pseudogen	-	18	10	8	25	34	20	0.509674	0.363103	0.273312	1.098729
protein_co	sushi_von_	626	500	468	30	15	37	2.378507	2.43618	2.145477	0.176922
protein_co	transient_r	0	0	0	30	20	7	0	0	0	0.209438
protein_co	ankyrin_rep	830	627	667	1472	1930	1191	5.43254	5.262616	5.267429	14.9542
protein_co	fructose-16	1	0	2	135	143	160	0.031533	0	0.076093	6.607447
protein_co	transmemb	254	217	228	370	420	289	2.349125	2.573603	2.544224	5.311346
protein_co	zinc_finger	222	168	181	32	8	48	2.037898	1.977644	2.004731	0.455942
protein_co	chromoson	0	0	1	0	0	0	0	0	0.015681	0
protein_co	cytochrom	22	14	25	3	2	4	0.238571	0.194685	0.327102	0.050495
protein_co	dynein_ligh	448	342	369	46	53	59	9.475294	9.275774	9.416491	1.510091
protein_co	Williams_B	49	49	43	138	181	91	2.441669	3.131095	2.585278	10.67334
protein_co	MID1_inter	1580	1132	1226	2900	4150	3103	29.21381	26.84027	27.35078	83.22611
pseudogen	neutrophil_	1	0	2	0	2	0	0.032859	0	0.079293	0
protein_co	chromoson	20	12	13	8	7	2	0.185336	0.1426	0.145352	0.115067
protein_co	chromoson	0	1	1	0	0	0	0	0.034321	0.032292	0
protein_co	KIAA1958	191	173	151	821	985	586	0.760594	0.883436	0.725512	5.074498
protein_co	patched_d	7	3	6	173	233	144	0.023934	0.013154	0.024752	0.918106
protein_co	ring_finger_	0	0	0	6	1	0	0	0	0	0.188875
protein_co	protocadhe	1650	1264	1395	72	96	91	7.930353	7.790494	8.089671	0.53712
protein_co	phosphatid	85	79	116	80	130	106	1.110209	1.323191	1.828066	1.621834
protein_co	c-fos_induc	3	1	5	0	2	0	0.069057	0.029519	0.13887	0
protein_co	olfactory_r	1	0	0	0	0	0	0.045702	0	0	0
protein_co	spermatid_	387	331	346	1407	1428	1298	2.884966	3.164223	3.112103	16.28
protein_co	claudin_3	7	3	3	485	673	190	0.25784	0.141704	0.133328	27.72836
protein_co	GTPase_act	1253	1070	1022	678	756	551	6.584466	7.210454	6.479902	5.530058
protein_co	chromoson	1161	914	881	361	450	193	20.23766	20.43072	18.529	9.767103
protein_co	WNK_lysin	1	4	3	3399	4969	2836	0.006018	0.030867	0.021782	31.74776
protein_co	ATPase_Cu-	540	380	467	38	68	49	2.984865	2.693543	3.114554	0.326021
protein_co	zinc_finger_	196	133	169	233	277	279	2.520692	2.193435	2.622397	4.651041
protein_co	neuroligin_	445	348	359	517	556	468	3.153401	3.162335	3.069458	5.686438
protein_co	highly_dive	95	74	84	62	65	76	0.718476	0.717678	0.766507	0.727798
protein_co	NADH_deh	651	488	442	435	594	536	22.34656	21.48122	18.30628	23.17658
protein_co	aquaporin_	7	1	1	1	2	1	0.196781	0.036049	0.033918	0.043633
protein_co	nucleolar_p	1724	1273	1334	1028	1314	2016	17.05092	16.14538	15.91895	15.78098
protein_co	aquaporin_	135	120	121	17	16	21	2.174563	2.478727	2.351644	0.425028
protein_co	tRNA_meth	182	137	153	112	173	139	3.741334	3.611478	3.79485	3.573581
protein_co	valosin_cor	13512	10897	11301	7539	8751	9371	144.9835	149.9392	146.3066	125.5576
protein_co	phosphatid	785	571	591	528	668	700	5.530979	5.159146	5.024211	5.774265
protein_co	stomatin_(	2034	1718	1789	2798	3180	3011	74.62777	80.83176	79.19685	159.3411
protein_co	bromodom	533	391	443	950	862	908	2.195974	2.06579	2.202175	6.075109
protein_co	SLIT_and_N	763	606	622	527	620	495	8.050649	8.199518	7.918534	8.630728
protein_co	maternal_e	836	694	688	814	913	769	16.7022	17.78018	16.58455	25.24191
protein_co	armadillo_	1	3	3	2	3	1	0.016681	0.064173	0.060379	0.051782
protein_co	OTU_doma	208	172	184	320	397	113	3.135045	3.324437	3.346157	7.48619
protein_co	Rho_GTPas	593	452	500	668	628	654	5.658482	5.530864	5.756563	9.893551
protein_co	FAT_tumor	1399	1075	1098	1705	1784	1065	3.429841	3.379668	3.24793	6.488004
protein_co	coiled-coil_	0	1	1	7	10	4	0	0.021598	0.020322	0.182995

protein_co	HECT_dom	522	437	444	86	103	150	4.559722	4.895067	4.679494	1.165995
protein_co	solute_carr	1	1	1	2039	2026	1916	0.02097	0.026892	0.025302	66.36763
protein_co	F-box_prot	260	192	190	219	299	242	3.164133	2.996346	2.789864	4.136719
protein_co	DEAD/H_(A	438	320	333	135	166	161	3.024271	2.833388	2.774208	1.446808
protein_co	G_protein-	0	0	0	0	0	1	0	0	0	0
protein_co	claudin_2	8	5	9	5	3	1	0.119086	0.095444	0.161644	0.115523
protein_co	leucine_ric	962	732	782	146	166	197	10.60621	10.34917	10.40255	2.498437
protein_co	zinc_finger_	50	22	39	217	287	381	0.658383	0.371484	0.619614	4.435051
protein_co	serine_palr	760	621	577	585	815	657	12.8327	13.44638	11.75516	15.33172
protein_co	Werner_syr	516	425	446	447	514	448	4.639549	4.900319	4.83848	6.238269
protein_co	membrane-	419	359	369	391	508	376	3.912949	4.299262	4.157809	5.667577
protein_co	thyroid_sti	32	34	28	1	5	3	0.32862	0.447747	0.346937	0.01594
protein_co	cofilin_2_(r	733	577	637	210	199	213	10.97745	11.08109	11.51025	4.88143
protein_co	SGT1_supp	764	634	717	643	702	795	21.54178	22.92381	24.39245	28.14036
protein_co	general_tra	945	752	785	840	1119	1001	7.02681	7.170569	7.04278	9.69474
protein_co	zinc_finger_	2796	2064	2315	247	308	185	26.57703	25.15871	26.55023	3.644154
protein_co	phosphogl	583	502	501	784	819	541	3.210438	3.544939	3.328753	6.701041
protein_co	phytanoyl-	63	71	46	1	6	14	0.825621	1.193185	0.727354	0.020341
protein_co	solute_carr	459	359	429	121	123	120	5.156329	5.171681	5.81478	2.109812
protein_co	folate_rece	0	0	0	0	1	1	0	0	0	0
protein_co	inositol_pc	6507	4654	5338	1895	2833	2539	64.46511	59.12615	63.80732	29.1396
protein_co	paired-like_	1	2	1	17	35	7	0.027599	0.070783	0.033299	0.728226
protein_co	mannose-b	4	2	2	0	1	0	0.052553	0.033696	0.031704	0
protein_co	gap_junctic	63	46	45	3	8	3	1.279372	1.197908	1.102598	0.09456
protein_co	crystallin_l	161	106	107	59	56	44	4.775011	4.031473	3.828956	2.716008
protein_co	receptor_a	1316	1070	1127	320	426	314	11.85538	12.36098	12.24987	4.474455
protein_co	hepatic_an	5	2	3	1	0	1	0.065089	0.033387	0.04712	0.020205
protein_co	spindle_an	338	267	317	561	630	682	5.42954	5.500053	6.144034	13.98748
protein_co	mitochond	552	484	502	337	384	537	13.48088	15.15772	14.79214	12.77437
protein_co	chromosor	186	160	183	307	291	387	2.468594	2.723116	2.930461	6.3242
protein_co	PCF11_clea	839	659	745	628	696	763	5.124492	5.161591	5.490263	5.953591
protein_co	PBX/knotte	260	219	216	31	46	30	2.690665	2.906296	2.697045	0.497942
protein_co	ribosomal_	0	0	0	0	0	1	0	0	0	0
protein_co	leucine_ric	83	77	83	113	207	207	2.063559	2.454928	2.489802	4.360614
protein_co	ribosomal_	2535	2026	2188	1675	1788	2141	159.3381	163.3016	165.9346	163.4131
protein_co	dynein_axc	358	272	307	600	857	803	5.665416	5.519846	5.861856	14.73773
protein_co	chromosor	58	45	51	8	11	8	1.28284	1.27634	1.361015	0.274641
protein_co	chromosor	6	6	4	18	14	14	0.091404	0.117212	0.073522	0.425613
protein_co	zinc_finger_	137	139	90	175	249	260	2.518202	3.276379	1.996	4.992734
protein_co	kelch_dom	610	562	615	760	929	786	12.32884	14.56592	14.99739	23.84166
protein_co	echinoderr	39	27	34	46	66	72	0.191088	0.169645	0.201	0.34983
protein_co	nuclear_ex	1014	819	859	650	497	605	9.43757	9.774971	9.646359	9.39001
protein_co	RNA_pseud	391	343	335	671	722	796	7.310206	8.223493	7.556935	19.47179
protein_co	ADP-ribosy	2962	2212	2390	1419	2095	1879	87.73735	84.02218	85.41722	65.23976
protein_co	tetratricop	291	238	228	128	170	165	6.129827	6.428972	5.794796	4.185002
protein_co	transmemb	24	15	15	74	101	64	0.210979	0.169094	0.159099	1.009694
protein_co	neuroglobi	0	0	0	6	12	4	0	0	0	0.231783
protein_co	NADP-depe	10	2	7	4	12	3	0.231785	0.059446	0.195763	0.143905
protein_co	caudal_typ	1	0	1	0	0	20	0.011569	0	0.013959	0
protein_co	APC_memb	0	0	0	9	14	31	0	0	0	0.065144
protein_co	aldo-keto_r	81	74	66	28	34	23	2.294919	2.688583	2.256183	1.23132
protein_co	kelch_repe	438	355	388	247	299	334	3.966363	4.122456	4.239339	3.471729
protein_co	synovial_sa	0	0	0	0	1	2	0	0	0	0
protein_co	orthodenti	0	0	0	99	109	392	0	0	0	3.27658
protein_co	fatty_acid_	2	2	1	70	52	77	0.047292	0.060645	0.02853	2.569131
protein_co	dorsal_roo	0	1	0	0	0	3	0	0.02205	0	0
protein_co	nudix_(nuc	622	510	520	733	838	874	8.495657	8.932769	8.569549	15.53964
protein_co	dapper_ant	1092	778	849	303	276	539	13.71288	12.52838	12.86358	5.905806
protein_co	oxoglutara	0	0	0	6	3	5	0	0	0	0.191107
protein_co	upper_zone	0	0	0	4	4	0	0	0	0	0.352445
protein_co	BEN_domai	22	11	17	214	207	91	0.158121	0.101384	0.147422	2.38732
protein_co	ATP_syntha	1894	1550	1635	1754	2007	1971	76.36259	80.13859	79.5365	109.7642
protein_co	PRP18_pre	113	78	56	36	29	65	3.085948	2.731581	1.845212	1.52596
protein_co	TAF3_RNA_	302	232	210	219	329	368	2.906565	2.863324	2.438599	3.271506
protein_co	V-set_and_	23	17	22	13	7	4	0.492003	0.466335	0.56782	0.431632

protein_co	voltage-dep	2434	1994	2067	3021	3474	3233	72.18868	75.83733	73.96684	139.0688
protein_co	catechol-O-	84	77	58	331	422	355	3.60033	4.23217	2.999433	22.02021
protein_co	solute_carr	88	65	73	148	225	115	1.00032	0.9475	1.001215	2.611251
protein_co	PDZ_domai	758	629	673	611	765	550	5.481591	5.833072	5.872195	6.858183
protein_co	zinc_finger_	906	691	700	4	11	34	12.69267	12.41401	11.83234	0.086979
protein_co	dachshund	52	33	40	7	19	13	0.46541	0.378752	0.431957	0.097243
protein_co	family_witl	447	345	380	277	338	291	7.005293	6.933416	7.185392	6.73797
protein_co	quiescin_Q	1033	894	914	823	1158	951	10.69258	11.86668	11.41501	13.22247
protein_co	family_witl	502	423	430	208	259	312	3.969442	4.289191	4.10244	2.552816
protein_co	nuclear_rec	3192	2512	2882	3083	3701	4227	11.60975	11.71626	12.64743	17.4046
protein_co	peroxiredo	1626	1376	1432	2017	2089	2166	33.48404	36.33667	35.5802	64.46942
protein_co	ecto-NOX_(	277	198	182	150	193	171	3.104334	2.845531	2.46098	2.609218
protein_co	growth_ho	2436	1950	1975	1820	2162	2184	53.67673	55.10014	52.50781	62.24588
protein_co	small_nucl	835	538	660	670	899	1242	7.815003	6.457052	7.453061	9.733027
protein_co	peptidase_	1649	1390	1339	1318	1545	1689	23.14326	25.01659	22.67423	28.7111
protein_co	serologicall	1028	797	811	1122	1621	1806	20.831	20.71022	19.82832	35.28908
protein_co	FERM_dom	1	4	0	0	0	0	0.014662	0.075209	0	0
protein_co	adenylate_k	7	5	2	14	7	8	0.133156	0.121967	0.045903	0.413354
protein_co	chromosor	52	32	31	10	19	9	0.961467	0.758736	0.691578	0.286987
protein_co	tuberous_s	1412	1087	1230	863	897	730	7.695107	7.596593	8.087851	7.299973
protein_co	growth_fac	2	0	0	0	1	1	0.038293	0	0	0
protein_co	hypoxanthi	296	283	286	399	364	430	9.864567	12.09434	11.50007	20.63905
protein_co	loss_of_het	147	87	85	124	122	68	3.35908	2.549363	2.343527	4.398
protein_co	family_witl	200	151	163	281	428	288	3.891288	3.767469	3.826476	8.485944
protein_co	zinc_finger_	793	594	607	1033	1443	1161	27.04275	25.97607	24.97551	54.67748
protein_co	storkhead_	8	4	7	42	38	18	0.111081	0.071223	0.117272	0.905168
protein_co	ret_proto-c	9	19	15	392	462	283	0.074573	0.201885	0.149962	5.041471
protein_co	DEAD_(Asp-	2567	2037	2196	4454	4808	6791	25.55013	25.99966	26.37228	68.80943
protein_co	BMS1_hom	1839	1541	1589	1695	1793	2276	20.41447	21.93656	21.28278	29.20496
protein_co	serine/thre	238	191	220	288	380	175	5.349868	5.505652	5.966736	10.04822
protein_co	KIAA1462	9710	7121	8009	68	97	63	49.14216	46.21525	48.90591	0.534164
protein_co	FUN14_dor	684	525	531	634	623	579	4.968671	4.890495	4.654004	7.148318
protein_co	transmemb	731	526	544	608	839	723	9.926615	9.15965	8.913141	12.81498
protein_co	methyltran	221	250	200	300	287	355	3.589433	5.206945	3.919328	7.562847
protein_co	solute_carr	0	4	2	0	1	0	0	0.174416	0.082053	0
protein_co	NDRG_fami	228	162	147	427	530	349	3.712126	3.382301	2.887708	10.79062
protein_co	ribonuclea	0	3	5	2	0	0	0	0.12042	0.188837	0.097169
protein_co	Rho_guanir	9975	7515	8425	2253	3167	2204	79.02144	76.3432	80.52857	27.7028
protein_co	NMDA_rece	1663	1302	1249	2108	3003	1632	21.3873	21.47257	19.38091	42.07894
protein_co	zinc_finger_	369	275	309	2658	3433	1962	5.634131	5.384466	5.692553	62.99209
protein_co	chromosor	0	0	0	0	2	0	0	0	0	0
protein_co	caspase_7_	446	376	358	46	74	42	7.762787	8.39228	7.5182	1.242714
protein_co	protein_ph	10	13	5	11	6	3	0.278114	0.463634	0.16778	0.474839
protein_co	butyrophili	2	0	0	16	34	10	0.026794	0	0	0.332708
protein_co	chromosor	445	337	379	329	206	270	2.880063	2.796928	2.959574	3.304976
protein_co	von_Willeb	6	1	2	59	61	50	0.095499	0.020411	0.038408	1.457572
protein_co	methyltran	797	681	734	915	1045	803	14.81226	16.23004	16.45914	26.39458
protein_co	sal-like_2_(	540	439	441	7565	8598	5664	5.14124	5.359793	5.065949	111.7927
protein_co	proline-rich	5	0	0	3	10	1	0.241452	0	0	0.22486
protein_co	TruB_pseud	395	339	322	323	448	497	5.442714	5.990009	5.35331	6.907986
protein_co	family_witl	8	2	1	1	1	1	0.154944	0.049674	0.023369	0.030062
protein_co	zinc_finger_	639	509	519	381	433	245	6.680651	6.824095	6.546864	6.182632
polymorph	pancreatic_	0	0	0	2	0	1	0	0	0	0.098285
protein_co	chromosor	1	0	1	109	120	120	0.026181	0	0.031589	4.429368
protein_co	heat_shock	342	281	292	110	127	48	2.802584	2.952896	2.887111	1.399122
pseudogen	family_witl	2	0	0	2	2	0	0.028103	0	0	0.04362
protein_co	frequently_	137	80	108	256	430	402	2.423211	1.814554	2.304849	7.028151
protein_co	ubiquitin_(	2197	1686	1771	881	1048	625	60.38533	59.42487	58.73108	37.58441
protein_co	ankyrin_rep	0	2	0	1	0	0	0	0.081037	0	0.049043
protein_co	E2F_transcr	750	603	737	483	585	624	6.126744	6.316771	7.264137	6.124154
protein_co	Rho_GTPas	214	192	181	364	385	268	1.765077	2.030769	1.801261	4.659956
protein_co	iron-sulfur_	156	119	135	277	336	221	2.785546	2.724846	2.908489	7.677077
protein_co	otogelin-lik	21	23	13	8	19	13	0.121822	0.171098	0.090991	0.072032
protein_co	glycosyltra	17	11	12	1605	1901	1702	0.315321	0.261641	0.268555	46.20711
protein_co	protein_kir	536	393	442	1076	1710	1282	12.51023	11.76257	12.44717	38.98012

protein_co	tetratricop	882	714	724	353	435	278	11.87055	12.32281	11.75679	7.374073
protein_co	solute_carr	2690	1896	2035	544	729	503	35.50074	32.08728	32.40393	11.14332
protein_co	proteasom	3669	2784	2934	2355	2621	3095	111.4245	108.4206	107.5081	111.0081
protein_co	receptor-as	7	4	3	2	7	3	0.196427	0.143937	0.101572	0.087109
protein_co	ATP/GTP_b	1	0	2	30	39	15	0.013109	0	0.031633	0.610398
protein_co	tandem_C2	8	6	9	398	499	321	0.072895	0.070109	0.098947	5.628908
protein_co	cleavage_a	1409	1074	1150	1674	1864	1810	12.46332	12.18249	12.2735	22.9831
protein_co	single-pass_	10	5	7	1	2	2	0.368632	0.236359	0.311343	0.057217
protein_co	modulator_	346	285	258	298	363	245	6.415163	6.776193	5.771641	8.575872
protein_co	interferon_	287	239	201	235	275	190	16.25294	17.35631	13.73391	20.6561
protein_co	interferon_	21	11	27	23	25	3	0.405222	0.272192	0.628617	0.688862
protein_co	serpin_pep	0	0	0	1	0	0	0	0	0	0.035313
protein_co	calmin_(ca	110	93	117	148	157	119	0.820147	0.889183	1.052526	1.712738
protein_co	PDZ_domai	416	308	338	0	0	2	5.71863	5.429486	5.606133	0
protein_co	solute_carr	0	0	0	0	0	2	0	0	0	0
protein_co	coiled-coil_	0	1	2	5	9	0	0	0.023136	0.043536	0.140015
protein_co	NEL-like_1_	1	2	0	9	8	23	0.014085	0.036125	0	0.196761
protein_co	phosphotri	67	67	72	158	152	124	0.831779	1.066639	1.078485	3.044535
protein_co	complemer	4	4	4	45	45	34	0.075235	0.096478	0.090775	1.313715
protein_co	calcium_ch	44	42	40	95	97	57	0.462178	0.565737	0.506949	1.548853
protein_co	protein_tyr	205	140	146	80	146	119	7.337751	6.426085	6.305362	4.444568
protein_co	ADP-ribosy	1957	1540	1737	1186	1143	1393	12.75205	12.86824	13.65643	11.99511
protein_co	single-pass_	324	234	279	400	469	395	13.7612	12.7449	14.29761	26.36949
protein_co	KIAA1731	448	368	421	252	166	254	2.607912	2.747084	2.956957	2.27691
protein_co	potassium_	0	0	0	0	0	1	0	0	0	0
protein_co	TATA_box_l	962	811	879	1028	1103	1495	10.35066	11.18983	11.41117	17.16788
protein_co	ankyrin_rep	520	353	394	522	654	343	4.974053	4.330032	4.547276	7.750113
protein_co	R3H_doma	274	198	238	222	261	336	3.758884	3.483236	3.93943	4.727067
protein_co	angiomotir	6165	4840	5136	1582	1888	1667	32.22709	32.44462	32.39373	12.83586
protein_co	HtrA_serine	15640	12359	13157	241	281	255	345.9245	350.5397	351.1151	8.273553
protein_co	lipase_hepa	0	0	1	0	0	0	0	0	0.019062	0
protein_co	centrosom	930	722	707	906	782	687	13.72175	13.6607	12.58618	20.74843
protein_co	t-complex_	57	70	66	63	60	31	0.835751	1.316162	1.1676	1.433748
protein_co	PAS_domai	0	0	0	0	1	1	0	0	0	0
protein_co	sprouty-rel	3340	2681	2821	1056	1338	1098	20.13016	20.72082	20.51407	9.878595
protein_co	G_protein-	653	606	641	3322	3981	3007	7.965448	9.479359	9.434157	62.89659
protein_co	junctional_	2811	2351	2478	907	1148	822	33.69321	36.13629	35.83694	16.87405
protein_co	interleukin	1	0	0	0	1	0	0.035658	0	0	0
protein_co	galactosida	0	0	0	2077	2592	3241	0	0	0	39.14129
protein_co	ADAM_met	699	424	509	49	54	75	5.781641	4.497272	5.07972	0.629072
protein_co	SV2_relate	0	0	0	2	0	4	0	0	0	0.046894
protein_co	glutamic_p	1796	1320	1488	1966	2555	2118	19.91828	18.77278	19.91115	33.84226
protein_co	amnion_as	24	19	7	65	78	27	0.405974	0.412145	0.142867	1.706597
protein_co	RAB8B_me	440	373	377	414	399	335	4.173904	4.537409	4.314984	6.095658
protein_co	IKBKB_inte	1092	785	824	110	129	97	16.05641	14.80147	14.61844	2.510435
protein_co	RNA_pseud	286	245	242	454	634	569	7.152291	7.85696	7.302012	17.62242
protein_co	hypoxia_in	968	753	792	670	834	777	15.03463	14.99759	14.84193	16.15186
protein_co	NADH_deh	23	16	16	14	26	16	0.873963	0.779641	0.733556	0.825703
protein_co	zinc_finger_	464	359	400	287	323	189	7.468921	7.410435	7.768693	7.170547
protein_co	protein_ph	1	0	1	2	1	0	0.06252	0	0.075434	0.194079
protein_co	serine_pep	154	129	126	2941	3439	2667	2.362913	2.538201	2.332629	70.04103
protein_co	fibrillin_1	41465	32705	36069	84	81	165	165.3874	167.2801	173.5813	0.520033
protein_co	arginine_va	4	5	4	0	0	6	0.12299	0.197147	0.148395	0
protein_co	DEP_domai	11	4	11	39	37	13	0.220706	0.102918	0.266295	1.214554
protein_co	leucine-rich	0	1	0	4	2	1	0	0.015085	0	0.073035
protein_co	bromodom	1024	867	923	1639	1716	1679	8.941411	9.708107	9.724244	22.21343
protein_co	creatine_ki	164	114	128	8451	11916	9799	4.499686	4.010999	4.23737	359.8959
protein_co	tRNA_meth	346	202	221	263	407	788	5.024449	3.761604	3.872154	5.927869
protein_co	beta-transd	567	468	494	395	476	403	4.334307	4.587666	4.556293	4.686668
protein_co	polymerase	321	286	290	518	544	348	5.165304	5.901552	5.630369	12.93752
protein_co	BCL2-assoc	808	689	714	704	909	1026	7.784494	8.512313	8.299756	10.52743
protein_co	deleted_in_	327	251	282	275	276	279	10.22884	10.06843	10.64329	13.35186
protein_co	La_ribonuc	604	501	467	288	324	141	13.64895	14.51809	12.7329	10.10149
protein_co	apoptosis_i	1510	1239	1277	1866	2315	2305	19.06406	20.05946	19.45259	36.56627
protein_co	asparaginas	0	0	0	22	43	10	0	0	0	0.742307

protein_co	zinc_finger_	319	231	250	275	284	192	3.54369	3.290685	3.350835	4.741636
protein_co	Hermansky	991	717	710	600	900	372	17.56161	16.29367	15.18088	16.50336
protein_co	SUMO/sent	21	9	16	49	33	40	0.536909	0.295075	0.49357	1.944499
protein_co	nucleolar_a	2195	1796	1905	3356	4018	5147	25.95148	27.22973	27.17507	61.58573
protein_co	alkB_alkyla	255	179	206	90	133	174	7.679483	6.912803	7.485263	4.206925
protein_co	COP9_signa	847	604	637	712	535	858	9.779819	8.943215	8.874316	12.76021
protein_co	gamma-am	13	14	10	3032	3501	3283	0.102725	0.141863	0.095341	37.18712
protein_co	Spi-C_trans	0	0	0	0	0	1	0	0	0	0
protein_co	thymus_br	1	2	5	2	2	1	0.029621	0.075969	0.178697	0.091952
protein_co	sphingosin	1574	1271	1378	1129	1470	1365	12.8468	13.30287	13.57024	14.30259
protein_co	fibroblast_	555	477	466	269	290	325	3.793027	4.180427	3.842616	2.853486
protein_co	chaperonin	3524	2685	2903	4344	4730	6017	75.48672	73.75446	75.0291	144.4292
protein_co	pterin-4_al	275	248	231	297	398	320	12.81785	14.82325	12.991	21.48668
protein_co	ariadne_ho	1200	914	999	1102	1299	776	9.305113	9.088578	9.346607	13.26333
protein_co	chromosor	14	6	16	9	4	3	0.177182	0.097376	0.244321	0.176793
protein_co	CXADR-like	1310	1013	1168	133	204	208	23.53484	23.33773	25.31808	3.708703
protein_co	sodium_ch	14	17	14	6	1	3	0.108309	0.168653	0.130681	0.072047
protein_co	cytochrom	598	495	475	597	722	573	8.643721	9.175169	8.284021	13.39382
protein_co	zinc_finger_	246	202	202	369	432	878	2.792965	2.940973	2.767131	6.502602
protein_co	family_witl	35	25	31	50	49	43	0.744624	0.682053	0.795753	1.651084
protein_co	syntaxin_bi	125	117	147	98	109	168	0.938852	1.126892	1.332148	1.142467
protein_co	cysteine/ty	243	159	193	643	714	664	3.674387	3.083082	3.521146	15.09107
protein_co	cullin_5	711	593	608	352	348	452	5.249378	5.614387	5.41614	4.033773
protein_co	myelin_reg	1	0	0	5	11	17	0.013532	0	0	0.105021
protein_co	WW_doma	2046	1645	1853	630	764	606	23.37646	24.10173	25.54445	11.17234
protein_co	chromosor	130	125	126	24	33	57	2.516805	3.103313	2.943234	0.721187
protein_co	complemer	0	1	0	1	2	3	0	0.021098	0	0.025537
protein_co	pleckstrin_	244	179	192	322	449	166	5.490002	5.164699	5.212331	11.24525
protein_co	transmemb	95	58	52	6	10	2	2.270414	1.777537	1.499453	0.222568
protein_co	anaphase_p	502	422	416	712	731	600	7.367383	7.942026	7.366326	16.21885
protein_co	sphingomy	833	637	584	81	106	65	15.9296	15.621	13.47475	2.404227
protein_co	amyloid_be	912	749	768	767	935	621	16.18611	17.04664	16.44587	21.12873
protein_co	synaptopo	21	16	17	28	32	19	0.2001	0.195504	0.195445	0.41411
protein_co	nudix_(nuc	97	86	84	84	86	76	2.125389	2.416431	2.220721	2.856777
protein_co	chromosor	6	2	8	9	8	7	0.10486	0.044823	0.168693	0.244136
protein_co	tripartite_r	1897	1413	1603	517	738	672	27.95423	26.70126	28.50111	11.825
protein_co	integrin-lin	24	18	22	8	13	12	0.542604	0.521859	0.600126	0.280732
protein_co	TAF10_RNA	1770	1347	1368	1406	1810	1469	15.38945	15.01851	14.35106	18.9743
protein_co	tripeptidyl_	1466	1264	1304	716	799	742	19.44026	21.49436	20.86382	14.73709
protein_co	dachsous_1	7811	5751	6583	743	1081	1055	34.02935	32.12919	34.60341	5.024193
protein_co	neuropilin_	1012	843	879	468	538	483	15.51756	16.576	16.26222	11.13831
protein_co	MSS51_mit	88	79	69	65	79	29	1.704387	1.962104	1.612437	1.954022
protein_co	cytochrom	283	198	184	976	1125	877	2.244187	2.013479	1.76051	12.01304
protein_co	ubiquitin_s	180	167	158	473	599	535	1.351081	1.60744	1.430916	5.51062
protein_co	recombina	47	47	22	38	54	25	0.335745	0.430545	0.189619	0.421333
protein_co	chromosor	148	113	120	93	105	94	7.462067	7.306094	7.300065	7.27798
protein_co	WD_repeat	25	28	29	25	33	22	0.638829	0.917512	0.894109	0.99155
protein_co	olfactory_r	0	0	1	0	0	1	0	0	0.053677	0
protein_co	olfactory_r	0	0	0	1	1	0	0	0	0	0.065567
protein_co	ATPase_clas	372	298	332	307	318	394	2.372241	2.436921	2.554477	3.038678
protein_co	PTPRF_inte	315	234	250	208	238	125	4.152476	3.955685	3.97635	4.255889
protein_co	cytochrom	342	275	284	434	505	426	2.148785	2.21569	2.152947	4.232404
protein_co	serpin_pep	1681	1459	1652	0	0	0	35.77945	39.82268	42.42521	0
protein_co	KIAA0355	1102	841	890	577	640	378	7.710057	7.545383	7.513011	6.265883
protein_co	serpin_pep	238	196	185	9	7	31	3.209613	3.389543	3.010201	0.188386
protein_co	tubby_hom	896	681	765	744	991	649	6.544152	6.378254	6.741474	8.434295
protein_co	resistance_	4	0	0	70	89	89	0.035577	0	0	0.966348
protein_co	LIM_domai	1	0	0	8	7	4	0.036661	0	0	0.455229
pseudogen	olfactory_r	0	0	0	0	0	1	0	0	0	0
protein_co	isocitrate_(	325	228	270	156	205	169	3.69168	3.321122	3.700433	2.750399
protein_co	WD_repeat	4	2	0	237	238	182	0.024985	0.01602	0	2.297697
protein_co	cellular_ret	2348	1774	1729	3424	3625	3467	142.6137	138.1739	126.7086	322.7954
protein_co	phospholip	4	4	0	3	5	4	0.093453	0.11984	0	0.108789
protein_co	zinc_finger_	62	55	43	82	72	57	0.505245	0.574755	0.422792	1.037182
protein_co	X-ray_radia	168	114	126	53	73	47	1.386644	1.206618	1.254799	0.678988

protein_co	tripartite_r	68	59	70	88	108	75	0.316227	0.351845	0.392769	0.63519
protein_co	ring_finger_	354	268	311	307	340	167	2.121829	2.059924	2.249135	2.856116
protein_co	ribosomal_	11896	9931	9957	14209	14362	14957	113.467	121.4705	114.5896	210.3597
protein_co	suppressio	1842	1390	1574	342	462	332	19.00361	18.38953	19.59293	5.4765
protein_co	chromodo	350	275	252	39	42	16	6.974716	7.027494	6.059085	1.206295
protein_co	transmemb	363	266	243	38	66	8	4.374473	4.110647	3.533243	0.710777
protein_co	protogenin	13	18	8	117	152	149	0.050938	0.090443	0.037821	0.71156
protein_co	centromere	430	315	345	336	370	444	8.126847	7.634376	7.86721	9.856515
protein_co	A_kinase_(A	529	423	394	220	292	228	17.45589	17.8993	15.68666	11.26781
protein_co	ATM_intera	1224	933	1001	834	1156	1237	10.74179	10.49993	10.5993	11.36035
protein_co	chromosor	30	26	29	9	21	24	0.757512	0.841882	0.883516	0.352729
protein_co	transmemb	705	571	627	308	433	610	8.331014	8.65275	8.939728	5.649239
polymorph	Homo_sapi	1	0	2	47	59	19	0.006355	0	0.015334	0.463566
protein_co	Leo1_Paf1/	521	457	464	347	298	531	11.13985	12.53047	11.97038	11.516
protein_co	zinc_finger_	274	260	267	339	328	372	4.359642	5.30497	5.125775	8.372023
protein_co	thioredoxi	1552	1257	1359	283	345	378	14.77031	15.3406	15.60506	4.18037
protein_co	microfibril	18194	12804	13047	104	97	125	441.5719	398.5	382.0604	3.917753
protein_co	WEE1_hom	1028	828	888	2050	2612	2170	9.293028	9.59851	9.685569	28.76395
protein_co	mitogen-ac	887	631	717	562	688	737	9.175258	8.370153	8.94874	9.023218
pseudogen	family_witl	2	6	2	265	378	451	0.096581	0.371554	0.11653	19.86266
protein_co	protein_kir	0	5	5	93	149	99	0	0.037727	0.035497	0.849356
protein_co	Hepatoma-	2266	1813	1847	1323	1751	1603	43.86985	45.01045	43.14408	39.75544
protein_co	N-deacetyla	481	368	451	341	345	182	3.876607	3.803328	4.385623	4.265712
protein_co	minichrom	4931	3798	4217	10760	11958	13717	78.19231	77.2313	80.68275	264.8328
protein_co	C-type_lect	0	0	0	0	0	3	0	0	0	0
protein_co	coiled-coil_	0	0	0	0	1	1	0	0	0	0
protein_co	C-type_lect	2	1	2	0	0	1	0.043437	0.027851	0.052409	0
protein_co	zinc_finger_	576	465	466	821	911	1156	7.776749	8.050779	7.591185	17.20478
protein_co	C-type_lect	0	0	0	1	3	4	0	0	0	0.037593
protein_co	zinc_finger_	121	76	93	197	202	147	2.829772	2.279234	2.6242	7.150933
protein_co	ribosomal_	1325	1092	1190	1232	1691	1507	10.65682	11.26273	11.548	15.37988
protein_co	alpha-2-ma	9	0	3	124	127	134	0.080017	0	0.032182	1.711167
protein_co	brain_expr	60	52	46	4	4	0	0.960533	1.067514	0.888519	0.099392
protein_co	thymidine_	158	137	154	90	85	39	1.448694	1.61083	1.703682	1.280833
protein_co	transmemb	2303	1804	1875	770	840	705	72.81707	73.14508	71.53006	37.78857
protein_co	solute_carr	0	0	0	3	0	2	0	0	0	0.166926
protein_co	SEC11_hon	245	244	248	274	367	302	9.557449	12.20605	11.67282	16.5904
protein_co	complexin_	0	0	0	0	0	1	0	0	0	0
protein_co	galanin_rec	1	0	0	11	19	28	0.044657	0	0	0.762455
protein_co	transmemb	370	263	320	329	316	326	4.405614	4.015779	4.597299	6.080385
protein_co	IQ_motif_c	16	13	29	40	62	27	0.400769	0.417568	0.876437	1.555124
protein_co	nudE_nucle	1611	1191	1351	449	545	367	19.23601	18.23646	19.46359	8.321398
protein_co	centromere	492	374	401	1284	1820	1717	13.03384	12.70539	12.81739	52.79619
protein_co	Ras-related	1	4	2	2	2	0	0.029885	0.153295	0.072117	0.092772
protein_co	family_witl	1050	779	826	472	681	449	68.57175	65.23832	65.08547	47.8441
protein_co	WD_repeat	0	7	2	4	3	5	0	0.18575	0.049934	0.128473
protein_co	heat_shock	23661	18860	20047	11227	10397	13052	365.9184	374.0264	374.0663	269.4917
protein_co	melanocort	8	6	4	0	0	1	0.260862	0.250889	0.157373	0
protein_co	bladder_ca	863	710	736	956	1163	968	18.35197	19.36152	18.88416	31.55442
protein_co	CHRNA7_(c	3	4	6	15	10	16	0.050347	0.086084	0.121494	0.390729
pseudogen	speedy_ho	112	94	114	55	54	55	1.669851	1.797202	2.05075	1.272779
protein_co	activating_	72	42	46	162	195	164	0.921168	0.689073	0.710088	3.217006
protein_co	matrix_me	12	9	10	0	3	4	0.320068	0.307832	0.321817	0
protein_co	trans-golgi_	16	9	15	43	39	32	0.204036	0.147177	0.230795	0.85111
protein_co	nerve_grow	3898	3111	3193	2214	2422	2711	198.4553	203.1094	196.1407	174.956
protein_co	transmemb	11	11	18	7	9	8	0.231089	0.296339	0.456254	0.228252
protein_co	componen	741	616	602	219	276	257	8.577019	9.14341	8.407419	3.934529
protein_co	pleckstrin_	12	8	13	417	486	303	0.117127	0.100133	0.153098	6.317481
protein_co	zinc_finger_	112	103	109	144	190	173	1.236272	1.457949	1.451678	2.467112
protein_co	zinc_finger_	59	47	39	40	48	28	2.216756	2.264504	1.767985	2.332686
protein_co	beta-2-mic	6128	5029	4793	621	653	523	123.3757	129.838	116.4304	19.40586
protein_co	zinc_finger_	1203	922	1019	962	1132	1350	7.175765	7.052496	7.333728	8.906522
protein_co	cancer_sus	2137	1806	1802	366	555	369	25.29126	27.40899	25.73172	6.723222
protein_co	5-hydroxyt	0	0	0	73	87	94	0	0	0	2.184591
protein_co	nicotinami	2957	2506	2536	0	0	3	74.26555	80.70984	76.84814	0

protein_co	acyl-CoA_sy	0	0	0	3	4	2	0	0	0	0.101695
protein_co	adaptor-rel	1816	1516	1577	1253	1351	1629	12.23628	13.09912	12.82075	13.10434
protein_co	schlafen_fa	2671	2240	2325	257	323	170	11.82544	12.71747	12.4198	1.766066
protein_co	cation_cha	45	33	54	32	48	30	0.416102	0.3913	0.602461	0.459269
pseudogen	stereocilin_	0	0	0	13	22	9	0	0	0	0.177578
lincRNA	-	1	0	0	0	0	0	0.030828	0	0	0
protein_co	chromosor	451	363	390	109	124	126	8.796754	9.079499	9.178223	3.299916
protein_co	KIAA0430	1332	1131	1078	457	561	444	8.066318	8.783004	7.876585	4.29554
protein_co	serum_amy	291	238	302	396	436	521	8.625155	9.046076	10.80013	18.21795
protein_co	yippee-like_	41	28	26	120	104	134	0.480623	0.420909	0.367741	2.183394
protein_co	peptidylpr	1859	1386	1442	670	948	737	72.15939	68.98998	67.53467	40.36628
protein_co	lactate_deh	0	0	0	1	3	0	0	0	0	0.035659
protein_co	family_witl	414	386	381	666	849	703	12.63832	15.11074	14.03338	31.55687
protein_co	lactate_deh	6	7	4	1	5	3	0.111378	0.16663	0.089589	0.028812
protein_co	family_witl	400	358	389	211	260	313	3.030539	3.478182	3.555966	2.481263
protein_co	KIAA0101	469	400	396	140	153	191	14.55421	15.91788	14.8272	6.74333
protein_co	kinesin_fan	867	622	723	509	769	581	8.932904	8.218135	8.987935	8.139951
protein_co	lactate_deh	26	27	23	73	119	32	0.589812	0.78544	0.629529	2.570356
protein_co	perilipin_1	0	0	0	12	5	0	0	0	0	0.295753
protein_co	peroxisoma	67	54	70	52	57	14	1.146581	1.18504	1.44536	1.381223
protein_co	transmemb	304	197	270	659	826	577	2.874484	2.388701	3.080336	9.671686
protein_co	mesoderm_	17	21	12	23	19	7	0.336484	0.533021	0.286579	0.7066
protein_co	alanyl_(me	3940	3431	3536	44	53	39	50.2302	56.09172	54.39124	0.870666
protein_co	sodium_ch	0	0	0	9	6	30	0	0	0	0.186775
protein_co	RNA_bindi	226	222	189	3734	4421	4454	5.277462	6.647816	5.325085	135.3385
protein_co	neuron_na	2185	1659	1861	1142	1226	1170	9.314063	9.068667	9.571547	7.555867
protein_co	ankyrin_re	105	71	123	102	98	67	1.581578	1.371415	2.235396	2.38469
protein_co	glycine-N-a	1	6	5	95	82	61	0.020557	0.158167	0.124015	3.031162
protein_co	chromosor	427	382	370	450	575	394	3.823188	4.386019	3.997124	6.253754
protein_co	dynactin_5	1517	1206	1229	871	1093	1292	20.73824	21.14185	20.27151	18.4814
protein_co	telomeric_	1745	1353	1482	294	353	284	38.63224	38.41153	39.58683	10.10258
protein_co	polo-like_k	2007	1562	1649	3479	3660	3370	22.75895	22.71409	22.56179	61.2336
protein_co	ClpX_casei	1229	1001	1017	1043	1233	886	12.2743	12.82001	12.25501	16.16812
protein_co	G_protein-	1	1	2	13	23	3	0.02768	0.035496	0.066795	0.558523
protein_co	zinc_finger_	367	312	339	873	1055	1014	2.789082	3.040599	3.108443	10.29769
protein_co	calcium_ch	0	0	0	3	0	1	0	0	0	0.091585
protein_co	tachykinin_	34	15	19	19	38	14	1.288812	0.729141	0.868985	1.117879
protein_co	myosin_IA	2	2	0	4	8	5	0.025637	0.032876	0	0.079584
protein_co	calcineurin	0	0	0	15	15	5	0	0	0	0.458311
protein_co	transmemb	648	547	608	962	1131	745	5.435551	5.8839	6.153472	12.5249
protein_co	olfactory_r	0	0	0	0	0	1	0	0	0	0
protein_co	NGFI-A_bin	2021	1532	1500	411	510	355	34.95563	33.97966	31.3033	11.03375
protein_co	vacuolar_p	1816	1480	1524	910	1146	1039	17.57892	18.37161	17.79956	13.67251
protein_co	signal_tran	1994	1606	1747	963	1213	922	23.17766	23.93863	24.50109	17.37406
protein_co	protein_ass	864	728	740	534	603	622	9.949159	10.75012	10.2814	9.544306
protein_co	XRCC6_bin	78	73	59	55	99	65	2.937688	3.525683	2.681088	3.215172
protein_co	extracellula	80	47	70	105	203	22	0.448708	0.33805	0.473718	0.9141
protein_co	syntaxin_3	498	424	381	1029	1245	894	3.669846	4.006763	3.387595	11.76967
protein_co	mitochond	495	436	486	632	720	894	19.63668	22.17986	23.26201	38.91441
protein_co	phosphatid	618	539	532	379	440	490	9.910407	11.08412	10.29349	9.433497
protein_co	myotubula	358	266	316	240	317	295	2.955912	2.816433	3.148065	3.075744
protein_co	tyrosine_3-	5220	4158	4360	3680	4783	5227	78.72817	80.41804	79.34037	86.14656
antisense	-	0	0	0	0	2	1	0	0	0	0
protein_co	chromosor	2	0	1	0	0	0	0.107177	0	0.064658	0
protein_co	secretogra	99	102	101	200	202	191	3.749686	4.954151	4.615611	11.75764
protein_co	gremlin_1_	11131	8937	10127	0	0	26	125.2238	128.9299	137.4616	0
protein_co	neuronal_t	68	54	51	214	246	47	0.889654	0.905973	0.805064	4.345669
protein_co	TSC22_don	1196	744	847	644	962	424	23.53355	18.77321	20.10888	19.66857
protein_co	membrane-	3	4	2	2	3	4	0.048997	0.083775	0.039412	0.0507
protein_co	membrane-	0	0	0	1	0	0	0	0	0	0.024284
protein_co	DIS3_mitot	446	353	340	639	736	731	5.55752	5.640664	5.111792	12.35883
protein_co	cyclin_D-ty	318	272	306	309	356	264	5.430089	5.956047	6.304481	8.189715
protein_co	erythrocyte	1	6	3	5	12	5	0.010299	0.07924	0.037278	0.079925
protein_co	SMAD_fami	1682	1385	1334	1002	1318	1221	12.6251	13.33116	12.08127	11.67366
protein_co	membrane-	0	0	0	1	0	0	0	0	0	0.053791

protein_co	coiled-coil_	9	5	7	0	3	1	0.12445	0.088661	0.116788	0
protein_co	membrane-	0	0	0	2	0	5	0	0	0	0.068986
protein_co	microtubul	3578	2898	2990	13	18	67	15.89808	16.51248	16.02964	0.089656
protein_co	RCC1_dom	577	434	428	454	636	371	8.570016	8.26618	7.67004	10.46627
protein_co	AKT_intera	130	112	143	102	127	114	2.857807	3.157308	3.792919	3.480328
protein_co	microtubul	893	736	766	764	735	707	9.686048	10.23723	10.02471	12.86231
protein_co	eva-1_hom	39	36	23	56	68	55	0.733833	0.868649	0.522166	1.635501
protein_co	t-complex_	0	0	0	0	0	7	0	0	0	0
protein_co	methionyl-	3591	2684	2812	4072	5116	4729	46.87696	44.92995	44.29018	82.50539
protein_co	methyl-CpG	838	578	626	221	268	259	9.176514	8.11654	8.270964	3.756267
protein_co	canopy_4_l	477	318	331	90	94	124	14.89117	12.73054	12.4677	4.360973
protein_co	protein_dis	9952	7829	8251	4719	5419	5870	125.2078	126.3097	125.2494	92.1513
protein_co	nudix_(nuc	2394	1970	2018	2696	3114	3383	25.30539	26.70327	25.73701	44.23227
protein_co	N-acetyltra	10	6	6	3	6	1	0.159762	0.122923	0.115657	0.074392
protein_co	NK3_home	10	16	15	6	8	12	0.143351	0.294123	0.259441	0.1335
protein_co	small_G_pr	0	0	0	198	208	57	0	0	0	2.169261
protein_co	HCG20182	0	0	0	3	5	1	0	0	0	0.112954
protein_co	dual_specif	110	92	121	11	19	18	1.766405	1.8945	2.344396	0.27417
protein_co	thyrotroph	218	156	160	500	515	325	2.32636	2.134786	2.0601	8.281725
protein_co	meiosis_inh	12	14	7	4	7	0	0.13997	0.209407	0.098515	0.072418
protein_co	pre-B-cell_l	1024	849	820	825	958	453	16.54562	17.59138	15.98619	20.69033
protein_co	guanine_nu	1	2	0	0	1	4	0.051078	0.131002	0	0
protein_co	prohibitin	1434	1141	1125	2114	2139	2142	36.70321	37.44983	34.74205	83.98281
protein_co	small_nucl	1023	840	794	1410	1421	1870	27.1315	28.56846	25.40778	58.04271
protein_co	tetratricop	0	0	0	0	0	1	0	0	0	0
protein_co	sterile_alph	731	495	503	139	190	136	7.746125	6.726384	6.431069	2.28619
protein_co	phosphatid	64	39	29	93	107	61	1.365314	1.066907	0.746447	3.0794
protein_co	transmemb	39	25	42	164	191	107	0.661378	0.543669	0.859375	4.316777
protein_co	family_with	695	550	624	1315	1676	1202	7.55064	7.662509	8.179591	22.17457
protein_co	acyl-CoA_sy	736	657	613	196	229	137	15.33143	17.5501	15.40683	6.337113
protein_co	golgin_A2	3999	3223	3376	1493	1701	917	44.01718	45.49257	44.83542	25.5071
protein_co	TruB_pseud	670	484	591	447	548	788	17.67941	16.3775	18.81605	18.30758
protein_co	coenzyme_	529	398	456	361	425	540	7.932465	7.653233	8.250218	8.402145
protein_co	solute_carr	856	634	714	464	686	704	14.43289	13.70812	14.52532	12.14305
protein_co	ubiquitin_r	1298	933	962	887	996	1342	19.98793	18.42401	17.87377	21.20055
protein_co	cerebral_en	6968	4952	5280	358	498	268	62.86889	57.29512	57.47906	5.013502
protein_co	dolichyl_py	579	437	446	616	722	822	12.47098	12.07015	11.59057	20.59364
protein_co	endonuclea	267	178	216	216	359	216	10.68228	9.132341	10.42688	13.41334
protein_co	TBC1_dom	0	0	0	1	0	0	0	0	0	0.060298
protein_co	paired_rela	138	98	95	279	402	225	5.248031	4.779173	4.359021	16.46842
protein_co	chromosom	745	532	592	1246	1505	1235	7.733687	7.081924	7.41481	20.07608
protein_co	immunoglo	467	334	394	1234	1851	915	4.545908	4.169266	4.627517	18.64444
protein_co	Sp2_transc	745	616	660	364	484	611	11.22528	11.9023	11.99866	8.512805
protein_co	proline_ric	3	0	0	6	8	0	0.092607	0	0	0.287478
protein_co	coenzyme_	329	222	258	220	272	326	5.806103	5.024018	5.493594	6.026178
protein_co	G_protein-r	404	266	330	3293	4063	4560	4.109234	3.469528	4.049873	51.98783
protein_co	v-crk_sarco	2075	1683	1852	912	1216	1276	25.07649	26.08207	27.0046	17.107
protein_co	chromosom	0	0	0	1	2	1	0	0	0	0.081318
protein_co	golgin_A6_	0	0	0	23	39	5	0	0	0	0.804004
protein_co	F-box_prot	764	553	583	793	1079	512	10.28538	9.546878	9.469859	16.57031
protein_co	TBC1_dom	1599	1197	1421	421	515	279	12.31961	11.82638	13.20963	5.034554
protein_co	nucleotide-	2	1	1	25	24	5	0.020905	0.013404	0.012612	0.405594
protein_co	sorting_nex	3	2	2	0	1	0	0.042576	0.036398	0.034247	0
protein_co	lipoxygenas	0	0	0	50	70	39	0	0	0	0.531395
protein_co	katanin_p6	47	30	25	142	191	77	1.174124	0.961052	0.753536	5.505984
protein_co	haloacid_d	234	213	216	325	304	271	3.398038	3.966444	3.784549	7.325313
protein_co	chromosom	5	1	0	2	0	1	0.125913	0.032293	0	0.078174
protein_co	zinc_finger	225	160	202	349	367	517	1.922072	1.752736	2.082028	4.627464
protein_co	insulin-like	16565	12509	12710	59	89	122	139.0749	134.6757	128.7511	0.768847
protein_co	ring_finger	327	271	325	290	326	289	5.387574	5.725641	6.46066	7.416073
protein_co	cyclin-depe	1500	1144	1310	1269	1503	2042	9.094262	8.894296	9.582869	11.94176
protein_co	dipeptidase	1	0	1	1	0	0	0.020859	0	0.025167	0.032375
protein_co	dihydrouri	231	179	207	217	256	212	4.689002	4.659408	5.069753	6.83689
protein_co	processing_	386	313	349	367	314	473	19.82426	20.61405	21.62634	29.25541
protein_co	endo-beta-l	359	287	293	733	1063	492	3.638892	3.730491	3.58336	11.53212

protein_co	RNA_bindi	0	0	6	301	417	298	0	0	0.110499	7.131094
protein_co	ATP_syntha	609	433	417	499	459	559	18.05058	16.45778	14.91276	22.95646
protein_co	CD3d_mole	0	0	0	0	2	1	0	0	0	0
protein_co	TBC1_dom	6285	4905	5236	4472	6004	5684	26.94804	26.96934	27.08754	29.76145
protein_co	ENTH_dom	127	118	101	76	111	109	1.635099	1.948192	1.568953	1.518744
protein_co	myosin_VB	53	33	56	226	252	210	0.261459	0.208762	0.333322	1.730482
protein_co	ADP-ribosy	6	8	12	188	165	98	0.187061	0.319839	0.4514	9.097475
protein_co	acetyl-CoA_	720	672	669	1420	1479	1230	16.72984	20.0234	18.75571	51.21274
protein_co	stromal_in	1198	909	1015	472	546	284	13.9114	13.53591	14.22094	8.507198
protein_co	ribonucleo	1896	1575	1714	1369	1521	1561	28.08069	29.91296	30.62868	31.47048
protein_co	tripartite_r	278	194	210	150	191	133	3.88885	3.480066	3.544408	3.256853
processed_	-	0	0	0	0	0	1	0	0	0	0
protein_co	fructosami	243	162	164	386	492	209	4.530527	3.873172	3.689218	11.17018
protein_co	proline-rich	264	217	233	183	235	117	4.126322	4.349389	4.394031	4.439568
protein_co	zinc_finger_	26	7	16	28	26	17	0.376046	0.12983	0.279213	0.628573
protein_co	immunity-r	1272	962	1147	642	864	697	6.1584	5.972624	6.700269	4.824433
protein_co	zinc_finger_	325	273	263	160	169	223	2.551784	2.748733	2.49152	1.949894
protein_co	zinc_finger_	71	59	55	67	77	97	0.618005	0.658559	0.577623	0.905188
protein_co	zinc_finger_	101	79	86	111	96	188	1.448285	1.452677	1.487918	2.470507
protein_co	protein_ph	797	582	654	1363	1992	1290	6.441114	6.031634	6.377177	17.09736
protein_co	zinc_finger_	489	332	397	325	423	362	8.003218	6.967921	7.839608	8.255998
protein_co	zinc_finger_	905	658	749	1075	1442	1117	5.22733	4.873787	5.219888	9.637631
protein_co	vitamin_K_	46	24	33	23	39	27	2.002731	1.33994	1.733511	1.554258
protein_co	guanine_nu	9	5	10	3	0	1	1.953751	1.391893	2.619236	1.010831
protein_co	lactoperoxi	2	0	1	6	8	4	0.02782	0	0.016783	0.12954
protein_co	carbonic_a	0	1	0	18	24	16	0	0.052106	0	1.135214
protein_co	smg-8_hom	452	360	369	383	439	504	6.095567	6.225691	6.00413	8.016872
protein_co	tropomyos	26053	20706	22309	7295	8380	9326	457.1952	465.9609	472.3589	198.7008
protein_co	RAB8A_me	238	198	216	234	303	280	3.947585	4.211425	4.322713	6.024221
protein_co	glutathione	3695	2708	2595	4182	4315	3417	149.4897	140.4931	126.6725	262.6101
protein_co	midnolin	3429	2261	2478	6122	8528	8333	42.42371	35.87163	36.99053	117.5615
protein_co	junctional_	2	3	3	10	7	1	0.08248	0.158654	0.149276	0.640104
protein_co	family_with	7	5	3	9	6	2	0.06417	0.058778	0.033182	0.128058
protein_co	kelch-like_f	296	198	285	402	515	263	4.348197	3.729856	5.051384	9.165877
protein_co	GATA_zinc_	2533	1925	2100	3271	4671	4396	20.56309	20.0398	20.56935	41.21585
protein_co	mevalonate	5901	4448	4714	1771	1919	2699	117.6437	113.7149	113.3916	54.80146
protein_co	chromatin_	911	686	760	4555	5613	3238	13.1842	12.73119	13.2708	102.3185
protein_co	trafficking_	595	469	500	594	639	726	8.994056	9.091191	9.119198	13.93656
protein_co	ankyrin_rep	6609	4965	5579	3876	5384	4928	33.31858	32.0981	33.93557	30.32948
protein_co	chromosom	197	154	153	128	155	163	2.766497	2.773282	2.592409	2.790001
protein_co	uncharacte	13	12	7	17	15	12	0.204898	0.24254	0.133119	0.415885
protein_co	protein_int	93	70	99	369	450	285	1.376506	1.328626	1.767985	8.477193
protein_co	ribosomal_	19791	15293	16114	24697	28133	21857	389.0987	385.5618	382.2464	753.6448
protein_co	zinc_finger_	163	99	150	91	115	64	1.568775	1.221849	1.741857	1.359393
protein_co	calcium_ch	1087	865	918	63	123	78	12.65065	12.90947	12.89062	1.138031
protein_co	dehydroge	92	60	70	209	314	284	2.117762	1.771128	1.944175	7.467343
protein_co	tumor_pro	1339	987	1043	842	1073	525	25.43992	24.04705	23.90934	24.83006
protein_co	myeloid/ly	4522	3323	3989	2310	3603	3106	10.91903	10.28947	11.62159	8.657569
protein_co	coronin_6	142	114	131	72	81	51	1.636368	1.684639	1.821428	1.287822
protein_co	Ras_homol	38	32	35	109	149	65	1.413022	1.525895	1.570296	6.291038
protein_co	tubulin_alp	27284	22317	23300	4539	4225	5155	668.0664	700.7398	688.3599	172.5052
protein_co	tubulin_alp	3319	2573	2744	2871	2861	2890	86.45998	85.9522	86.24621	116.0838
protein_co	zinc_finger_	11	7	5	56	39	35	0.18942	0.154575	0.103885	1.496757
protein_co	zinc_finger_	2	0	0	6	13	0	0.019501	0	0	0.090804
protein_co	zinc_finger_	79	66	77	89	107	235	0.66889	0.716606	0.786622	1.169628
protein_co	SERTA_dom	868	575	614	350	396	305	23.47205	19.93923	20.03308	14.69027
protein_co	NCK-associ	2453	1782	1756	711	1155	784	23.47372	21.86761	20.27481	10.5605
protein_co	RAB4B_me	107	90	68	57	87	41	2.531399	2.730415	1.941037	2.093062
protein_co	aquaporin_	0	0	0	0	1	0	0	0	0	0
protein_co	glycerol-3-p	2	3	1	1	1	12	0.030428	0.05853	0.018357	0.023614
protein_co	chromosom	472	353	375	216	306	161	6.135871	5.884618	5.881845	4.358314
protein_co	cytochrom	1	2	1	3548	4473	3781	0.016855	0.043228	0.020336	92.8191
protein_co	AXL_recept	4936	3851	4311	437	556	366	48.85985	48.88323	51.48765	6.714117
protein_co	nuclear_fac	48	40	44	83	86	90	1.22722	1.311446	1.357319	3.293742
protein_co	transmemb	23	19	20	150	149	75	0.447127	0.473659	0.469117	4.526107

protein_co	ankyrin_rep	7	10	8	11	12	5	0.098894	0.181168	0.136368	0.241211
protein_co	leukocyte-a	0	3	1	5	4	4	0	0.069221	0.02171	0.139639
protein_co	tweety_hor	22	21	35	694	834	607	0.280397	0.343225	0.538229	13.72905
protein_co	leukocyte_	5041	3931	4505	2411	2967	2090	40.82428	40.82387	44.01946	30.30606
protein_co	CDC42_effe	2423	1634	1684	120	157	35	131.4983	113.7177	110.2699	10.10831
protein_co	transmemb	3	5	4	69	98	49	0.06995	0.149502	0.112532	2.497169
protein_co	zinc_finger_	605	425	473	415	531	510	7.051569	6.352265	6.651806	7.507735
protein_co	trafficking_	612	498	530	296	379	226	0.972209	1.014488	1.015856	0.729845
protein_co	NLR_family	0	0	0	58	95	44	0	0	0	1.103301
protein_co	zinc_finger_	1650	1283	1328	1608	1352	2129	20.46786	20.40913	19.87626	30.9603
protein_co	zinc_finger_	135	109	114	59	66	126	2.220327	2.298894	2.262226	1.506141
protein_co	protein_ph	32	19	19	452	637	357	1.581118	1.203863	1.132702	34.66435
protein_co	serine_pep	25	34	17	2712	3385	2439	0.30792	0.537014	0.252636	51.84629
protein_co	chromosor	0	0	0	2	3	0	0	0	0	0.279922
protein_co	Yip1_intera	1883	1331	1428	1369	1878	1082	46.05837	41.74896	42.14388	51.97473
protein_co	dynein_axo	3	4	6	15	30	15	0.063137	0.107953	0.152358	0.48999
protein_co	prostate_st	1	1	2	1	5	1	0.045971	0.058951	0.110932	0.071353
protein_co	ataxia_cere	3	1	0	794	974	473	0.027746	0.01186	0	11.39786
protein_co	death-assoc	2301	1706	1840	1265	1805	1837	47.80413	45.45035	46.1227	40.79151
protein_co	eukaryotic_	66984	50577	53210	87115	100617	66980	992.6931	961.1835	951.4484	2003.86
protein_co	transmemb	7	5	4	20	28	7	0.260087	0.238232	0.17932	1.153404
protein_co	chromatin_	1103	820	999	3041	4031	4220	15.48957	14.76683	16.9269	66.28433
protein_co	UBX_doma	2542	1925	2031	926	1119	1190	25.9231	25.17396	24.99018	14.65726
protein_co	Hepatoma-	2927	2193	2414	3029	4070	2899	44.06006	42.33215	43.84375	70.77047
protein_co	perilipin_4	54	35	54	38	93	41	0.399316	0.331894	0.481797	0.436151
protein_co	sema_dom	363	235	258	3273	4528	1672	4.270215	3.545033	3.661937	59.76124
protein_co	zinc_finger_	1206	821	939	1617	2039	1200	10.16161	8.870901	9.546163	21.14734
protein_co	nucleoredo	2123	1643	1749	3034	3812	2961	32.78903	32.5406	32.59241	72.73186
protein_co	family_witl	943	728	800	426	568	541	18.37792	18.19389	18.81147	12.8862
protein_co	glyoxalase_	1013	756	801	727	888	1056	17.35462	16.60874	16.55717	19.33172
protein_co	major_facil	375	291	338	1385	1920	1256	11.35902	11.30347	12.35305	65.1163
protein_co	glutamic-p	14	6	10	2	6	12	0.348255	0.191395	0.300135	0.07722
protein_co	kinesin_fan	250	162	212	343	540	261	3.215168	2.671702	3.289634	6.846811
protein_co	solute_carr	180	114	132	327	409	304	2.593793	2.106576	2.295011	7.313766
protein_co	Rab_intera	95	86	76	185	254	139	2.515275	2.919911	2.427859	7.602633
protein_co	serpin_pep	6	5	3	25	33	10	0.123179	0.131633	0.074311	0.796627
protein_co	WD_repeat	940	679	731	377	492	589	6.546356	6.063884	6.142387	4.07515
protein_co	serine_race	110	96	98	39	60	27	1.890727	2.116005	2.032405	1.040474
protein_co	TSR1_20S_	1069	831	828	1121	1224	2044	9.957376	9.926075	9.305625	16.20702
protein_co	transient_r	12	16	23	31	23	11	0.111422	0.19051	0.257671	0.446767
protein_co	hydroxyste	104	67	77	120	160	46	2.588409	2.138374	2.312269	4.635656
protein_co	cytochrom	215	178	175	149	163	159	5.278196	5.603719	5.18362	5.677587
protein_co	gamma-glu	0	0	0	5	4	2	0	0	0	0.143607
protein_co	chromosor	1114	807	848	1811	2070	3009	28.32727	26.31494	26.01737	71.47734
protein_co	kallikrein_1	0	0	0	13	10	10	0	0	0	0.510322
protein_co	kallikrein-r	0	0	0	1	4	4	0	0	0	0.054031
protein_co	kallikrein-r	0	0	0	1	1	0	0	0	0	0.024107
protein_co	kallikrein-r	0	0	0	2	6	3	0	0	0	0.093128
protein_co	kallikrein-r	0	0	0	5	4	2	0	0	0	0.213056
protein_co	kallikrein-r	0	0	0	0	0	1	0	0	0	0
protein_co	kallikrein-r	0	0	0	20	21	25	0	0	0	0.901856
protein_co	HCG20081	6	4	5	9	15	8	0.165397	0.141399	0.166301	0.385078
protein_co	zinc_finger_	519	464	446	380	352	277	5.478595	6.281005	5.680476	6.226097
protein_co	keratin_80	44	36	52	3	8	4	0.529831	0.5559	0.755502	0.056071
protein_co	keratin_1	3	1	4	0	0	0	0.057393	0.024533	0.09233	0
protein_co	alkaline_ce	3	1	0	0	0	0	0.09735	0.041612	0	0
protein_co	OTU_doma	1574	1159	1309	1841	2034	2044	29.60485	27.95445	29.70611	53.74553
protein_co	REST_corep	906	658	676	2361	3055	2598	16.31427	15.19409	14.68704	65.98814
protein_co	angiopoiet	109	66	69	55	89	38	2.72007	2.112063	2.077546	2.130329
protein_co	NADH_deh	0	0	0	2	0	0	0	0	0	0.250965
protein_co	CD320_mo	907	619	582	1203	1425	1027	24.5976	21.52709	19.04392	50.63858
protein_co	SPRY_dom	1247	896	1025	187	156	113	22.11492	20.37681	21.93264	5.147437
protein_co	insulin-like	267	244	232	29	35	25	10.6369	12.46531	11.15167	1.793215
protein_co	sterol_O-ac	2	1	1	0	0	1	0.045881	0.029418	0.027679	0
protein_co	zinc_finger_	0	0	0	30	41	20	0	0	0	0.624184

protein_co	NADH_deh	2250	1773	1931	2441	3013	2272	60.35614	60.98978	62.49846	101.6336
protein_co	cyclin-depe	2156	1527	1759	838	1003	910	59.74875	54.26607	58.81579	36.04579
pseudogen	complemer	0	0	0	1	2	0	0	0	0	0.015781
protein_co	nudix_(nuc	305	222	305	77	136	274	9.762086	9.111819	11.77852	3.825286
protein_co	T-box_10	52	42	42	47	35	283	1.575117	1.631429	1.534994	2.209723
protein_co	peroxiredo	1621	1236	1269	2204	2516	1969	44.26833	43.28505	41.81381	93.42265
protein_co	zinc_finger_	120	118	117	296	335	452	2.360236	2.976223	2.776566	9.036418
protein_co	MIS12_MIN	301	269	261	356	403	538	5.634289	6.457052	5.894693	10.34316
protein_co	CD300c_m	2	1	1	0	0	1	0.061819	0.039637	0.037294	0
protein_co	CD300a_m	1	1	1	6	0	4	0.025264	0.032398	0.030482	0.23528
protein_co	HID1_dom	12	10	12	699	848	344	0.172021	0.183827	0.207553	15.55276
protein_co	immature_	308	243	223	319	379	412	16.22711	16.41746	14.17566	26.08624
protein_co	ATP_syntha	433	339	359	926	1100	702	9.266717	9.303515	9.270017	30.75951
protein_co	transmemb	22	13	28	63	63	50	1.178949	0.893357	1.810416	5.240146
protein_co	envoplakin	1	1	0	15	26	21	0.00709	0.009091	0	0.165059
protein_co	signal_reco	2773	2124	2374	2022	2293	1944	49.08494	48.21279	50.70225	55.55333
protein_co	mannosyl_	318	206	226	455	629	344	3.319462	2.757511	2.846408	7.371952
protein_co	transmemb	4	10	5	29	30	9	0.042521	0.136318	0.06413	0.478489
protein_co	thymidine_	2032	1335	1726	1405	1845	2102	56.68085	47.75329	58.09002	60.83023
protein_co	transmemb	174	179	174	291	378	164	3.152575	4.1589	3.803763	8.183509
processed_	-	72	61	57	30	28	41	3.052515	3.316381	2.915736	1.974136
protein_co	gasdermin_	0	0	0	1	0	2	0	0	0	0.033632
protein_co	keratin_24	0	1	0	0	0	0	0	0.031967	0	0
protein_co	transmemb	85	63	83	47	39	76	1.936663	1.840708	2.281714	1.662124
protein_co	GH3_doma	86	59	64	230	317	183	1.521714	1.338739	1.366352	6.316737
protein_co	integrin_al	935	674	694	1249	1525	1021	13.64524	12.6136	12.22017	28.29193
protein_co	sclerostin	1	0	0	1	0	0	0.020387	0	0	0.031643
protein_co	proline_ric	19	9	10	18	45	11	0.736899	0.447616	0.467953	1.08357
protein_co	zinc_finger_	1287	887	992	947	1332	910	13.53993	11.9666	12.59208	15.46387
protein_co	RAB26_me	51	44	47	78	127	62	1.24422	1.376541	1.38348	2.953603
protein_co	MTOR_asso	1217	1008	933	1527	1831	1561	26.96841	28.64406	24.94563	52.52115
protein_co	E4F_transc	666	465	567	577	823	787	5.265343	4.714273	5.408584	7.080416
protein_co	deoxyribon	4	8	5	1	12	6	0.085488	0.219252	0.128932	0.033172
protein_co	enoyl-CoA_	755	530	566	1142	1606	1134	22.97337	20.68059	20.77984	53.93545
protein_co	CASK_inter	17	14	23	243	391	139	0.138487	0.14625	0.226066	3.072532
protein_co	ATP-bindin	66	49	51	561	782	282	0.468262	0.44581	0.436579	6.177859
protein_co	potassium_	1294	1002	986	603	684	984	24.44629	24.2748	22.4752	17.6818
protein_co	serine/argi	14457	11293	12904	12313	16571	17142	72.47824	72.60192	78.0552	95.81286
protein_co	zinc_finger_	58	51	33	24	29	51	1.48532	1.674833	1.019657	0.953968
polymorph	NLR_family	24	17	17	28	38	17	0.170432	0.154809	0.145659	0.308623
protein_co	succinate_	63	47	41	60	64	98	1.45306	1.390113	1.140972	2.147953
protein_co	damage-spe	7621	6169	6321	7486	8358	7379	79.30511	82.32151	79.36391	120.912
protein_co	vacuolar_p	670	554	570	406	547	549	10.96555	11.62719	11.25586	10.31365
protein_co	von_Willeb	27	22	15	252	386	248	0.347811	0.363422	0.233141	5.038602
protein_co	RAB3A_inte	267	184	189	275	324	94	5.481451	4.844082	4.681598	8.762892
protein_co	bestrophin	14	13	20	4	8	3	0.113732	0.135427	0.196034	0.050436
protein_co	ferritin_hea	2631	1784	1961	2030	2728	1498	100.3805	87.28361	90.27223	120.214
protein_co	Berardinell	31	15	23	20	10	15	0.713244	0.442565	0.638487	0.714228
protein_co	polymerase	1283	1058	1064	777	759	986	38.66317	40.88517	38.68659	36.34313
protein_co	solute_carr	3737	2690	2802	4500	5987	6186	73.10304	67.47983	66.13457	136.6329
protein_co	HRAS-like_s	0	0	0	117	197	91	0	0	0	2.808455
protein_co	chromosor	1668	1269	1323	2385	2893	2128	38.64256	37.69996	36.98093	85.76078
protein_co	autophagy_	129	95	99	109	153	58	1.321567	1.248051	1.223722	1.733231
protein_co	C2_calcium	1130	868	962	299	394	449	7.269271	7.16047	7.466818	2.98548
protein_co	tetratricop	149	149	157	493	584	131	0.666598	0.854817	0.847472	3.42338
protein_co	tetratricop	58	42	31	25	47	15	0.638709	0.593107	0.411893	0.427312
protein_co	ribosomal_	12925	10174	10951	27102	26284	24997	294.4866	297.2597	301.0488	958.4442
protein_co	ectonucleo	0	0	2	10	9	10	0	0	0.040139	0.258176
protein_co	catenin_(ca	8653	6981	7334	6438	7834	7654	108.8065	112.568	111.2697	125.652
protein_co	unc-51-like	133	130	134	147	152	163	1.351912	1.694531	1.643425	2.319235
protein_co	Fas_(TNFRS	544	408	386	253	418	273	13.85561	13.32589	11.86211	10.00179
protein_co	latent_tran	6994	4730	5144	352	532	267	73.81246	64.01394	65.50178	5.766034
protein_co	N-acetylate	1	2	0	34	58	5	0.017373	0.044557	0	0.916826
protein_co	SAC3_dom	414	272	351	424	535	286	12.39621	10.444	12.68072	19.70539
protein_co	basic_leuci	1	0	0	21	40	6	0.018252	0	0	0.59493

protein_co	solute_carr	0	3	1	1	1	2	0	0.046733	0.014657	0.018855
protein_co	splicing_fa	4812	3699	3841	3945	5149	6892	65.02443	64.09802	62.62436	82.74245
protein_co	mitogen-ac	747	618	679	543	662	347	11.05296	11.72616	12.12205	12.47063
protein_co	coiled-coil_	21	15	14	310	416	177	0.188097	0.172292	0.1513	4.309788
protein_co	scavenger_	1913	1481	1644	528	729	986	25.55573	25.37101	26.49861	10.94807
protein_co	PDZ_bindir	583	490	497	190	143	161	12.90693	13.91105	13.27574	6.528877
protein_co	scavenger_	6	9	6	6	1	1	0.069881	0.134418	0.084315	0.108465
protein_co	prepronoci	13	7	12	2	0	1	0.465321	0.321304	0.518249	0.111114
protein_co	COP9_signa	2767	2213	2402	1797	2195	1838	90.60383	92.92405	94.8983	91.33052
protein_co	platelet-act	2547	2050	2119	2021	2709	2534	28.46934	29.38405	28.57771	35.06269
protein_co	ankyrin_rep	717	518	569	326	426	370	10.85221	10.05398	10.39105	7.658559
protein_co	nudix_(nuc	838	572	650	590	831	821	19.26168	16.85992	18.02651	21.04906
protein_co	KIAA1586	198	210	185	153	141	217	3.165436	4.305236	3.56852	3.79656
protein_co	RAB4A_me	336	311	308	288	360	251	5.311883	6.304911	5.875002	7.066953
protein_co	olfactory_r	0	3	1	5	7	1	0	0.191496	0.060059	0.386305
pseudogen	olfactory_r	0	0	1	2	3	2	0	0	0.060251	0.155016
protein_co	olfactory_r	0	0	0	0	0	11	0	0	0	0
protein_co	potassium_	3	5	1	106	167	42	0.068121	0.145593	0.027397	3.735912
protein_co	SET_domai	4377	3687	3779	3467	4231	3132	29.89187	32.28933	31.13878	36.7503
protein_co	vasorin	2320	1521	1629	165	196	201	38.76865	32.59352	32.84444	4.279639
protein_co	family_witl	15	22	12	47	31	50	0.222087	0.4177	0.214369	1.080092
protein_co	histone_clu	1	2	2	0	2	0	0.097484	0.25002	0.235241	0
protein_co	THAP_dom	69	49	51	241	165	236	0.849635	0.773729	0.757708	4.606075
protein_co	ring_finger_	3615	2614	2802	2510	3250	2725	56.18409	52.09787	52.54377	60.54932
protein_co	hook_hom	3048	2459	2533	1045	1326	764	9.926432	10.26942	9.953171	5.282323
protein_co	mitogen-ac	1882	1394	1521	1250	1566	1737	35.28469	33.51497	34.40677	36.37535
protein_co	DNA-damag	82	69	60	395	401	127	2.199646	2.373545	1.941951	16.44624
protein_co	recombina	2348	1953	1881	3145	3394	2727	19.84101	21.163	19.17796	41.24932
protein_co	LMBR1_do	235	229	223	196	209	175	4.9883	6.233465	5.711334	6.457601
protein_co	zinc_finger_	162	136	149	145	195	185	2.727534	2.93632	3.02684	3.789254
protein_co	prostaglan	0	0	0	1	5	1	0	0	0	0.024738
protein_co	tetratricop	260	216	242	538	864	687	2.961235	3.154733	3.325546	9.510695
protein_co	glycerate_k	158	89	89	63	61	103	2.045451	1.477513	1.390177	1.26591
protein_co	histone_clu	1	1	0	4	2	2	0.097891	0.125532	0	0.607765
protein_co	guanine_nu	7	4	5	827	1219	918	0.064308	0.047124	0.055423	11.7925
protein_co	ubiquitin_	1336	1079	1152	576	781	645	18.9776	19.65467	19.74401	12.69954
protein_co	polymerase	128	89	107	56	47	59	2.350929	2.096182	2.371163	1.596423
protein_co	NFKB_inhib	1483	1084	1187	736	959	898	16.50555	15.47133	15.93998	12.71444
protein_co	DnaJ_(Hsp4	813	682	688	690	830	1111	14.86801	15.99396	15.18095	19.58583
protein_co	chromosor	0	0	2	0	1	1	0	0	0.116052	0
protein_co	potassium_	2	6	9	18	26	10	0.0429	0.165041	0.232928	0.599285
protein_co	interferon_	1732	1266	1328	653	877	512	17.41658	16.32518	16.11243	10.19198
protein_co	pancreas_s	1	0	0	1	1	2	0.030507	0	0	0.047352
protein_co	5'-nucleoti	12382	9488	10286	6322	8302	6346	283.6308	278.7062	284.2871	224.7747
protein_co	small_integ	127	129	129	166	196	149	3.364425	4.382341	4.1233	6.825676
protein_co	histone_clu	11	12	15	16	22	20	0.942944	1.319118	1.551431	2.128842
protein_co	cytochrom	123	95	118	130	185	129	5.693457	5.639023	6.590237	9.339955
protein_co	kinesin_fan	56	36	51	1403	1819	1545	0.378855	0.312318	0.416296	14.73237
protein_co	mannosyl_	13	5	6	1	11	3	0.224934	0.110941	0.125259	0.026856
protein_co	BMI1_poly	319	261	247	27	43	49	4.363453	4.578144	4.076473	0.573236
protein_co	THAP_dom	670	483	531	791	1042	814	16.66648	15.40726	15.93718	30.54049
protein_co	methylmal	1281	973	1054	966	1116	1273	34.80076	33.89704	34.54843	40.73308
protein_co	pyruvate_d	1423	1153	1165	1846	1987	1889	14.964	15.54825	14.78145	30.13041
protein_co	PX_domain	974	750	794	152	219	118	16.17814	15.97497	15.91249	3.918714
protein_co	histone_clu	10	6	12	14	33	11	0.597325	0.459591	0.864848	1.297984
protein_co	protein-L-is	388	282	334	275	280	148	4.278769	3.987912	4.444078	4.707066
protein_co	potassium_	120	96	85	140	144	127	2.320331	2.380396	1.983059	4.20172
protein_co	M-phase_sp	432	336	356	549	911	491	21.3676	21.31183	21.24565	42.1478
protein_co	acyl-CoA_o	39	40	28	8	14	12	0.753797	0.991423	0.652974	0.239999
protein_co	family_witl	1	1	2	46	43	6	0.013532	0.017353	0.032655	0.966196
protein_co	interferon_	287	263	260	151	183	59	5.843437	6.866755	6.387161	4.771928
protein_co	myelin-assc	0	0	0	0	1	3	0	0	0	0
protein_co	chemokine	4	3	5	0	1	0	0.057622	0.055419	0.086906	0
protein_co	xin_actin-b	5	2	4	1	0	0	0.036293	0.018616	0.035031	0.011266
protein_co	insulinoma	1	3	5	0	0	1	0.015563	0.05987	0.093886	0

protein_co	delta(4)-de	2	0	1	11	4	2	0.049619	0	0.029934	0.423586
protein_co	sodium_ch	2	0	0	7	5	5	0.014428	0	0	0.078378
lincRNA	-	0	0	0	1	0	0	0	0	0	0.027177
protein_co	ADP-ribosy	6113	4771	4869	1372	1796	2146	172.6739	172.8188	165.9435	60.15294
protein_co	septin_2	10421	8293	8855	5041	5990	5844	132.0294	134.7356	135.3624	99.13077
protein_co	filamin_A_i	1269	896	931	16	31	34	14.10368	12.76992	12.48443	0.276008
protein_co	major_facil	247	207	223	161	209	153	4.762267	5.117956	5.187639	4.818071
protein_co	deoxythym	1309	1016	1048	1009	1367	1434	49.82064	49.58756	48.12592	59.60618
protein_co	transporter	283	244	252	248	364	131	4.484581	4.95832	4.818191	6.099828
protein_co	inhibitor_c	442	367	372	552	851	1094	3.98872	4.247043	4.05044	7.731803
protein_co	autophagy_	1500	1287	1297	1177	1613	1507	21.35247	23.49334	22.27639	26.00541
protein_co	bradykinin_	31	28	31	1	3	7	0.212358	0.245966	0.256222	0.010633
protein_co	mixed_line	3	9	2	15	15	23	0.036236	0.139404	0.029148	0.28122
pseudogen	cytidine_m	23	25	26	3	2	2	0.476356	0.663977	0.649719	0.09644
protein_co	ring_finger_	1583	1293	1336	2621	2642	2838	14.97416	15.68445	15.24811	38.48212
protein_co	melatonin_	0	1	1	12	19	7	0	0.046648	0.043891	0.677547
protein_co	potassium_	1	0	0	0	0	0	0.021323	0	0	0
protein_co	ras_homol	1	1	0	38	30	27	0.023457	0.03008	0	1.383508
protein_co	kelch-like_f	20	13	12	0	0	0	0.251691	0.209793	0.182208	0
protein_co	componen	774	541	608	276	346	299	12.40358	11.11764	11.75595	6.86508
protein_co	cell_divisio	343	304	333	333	441	363	4.095563	4.654815	4.797465	6.171549
protein_co	stress-indu	5355	4414	4648	6530	7521	6788	91.54066	96.76009	95.86691	173.26
protein_co	sodium_ch	1	0	0	124	140	115	0.018055	0	0	3.475046
protein_co	hair_growt	18	13	11	22	27	13	0.13321	0.123372	0.098221	0.252708
protein_co	thioredoxi	5	4	4	0	5	2	0.125174	0.128414	0.120823	0
protein_co	RAB31_me	4078	3303	3361	1317	1620	1384	47.15598	48.97872	46.89279	23.63773
protein_co	receptor_a	1103	844	857	705	985	809	30.24543	29.6781	28.35392	30.00571
protein_co	tenascin_X	17	10	11	217	360	91	0.060701	0.045789	0.04739	1.202651
protein_co	leucine-rich	1	1	0	15	12	4	0.010609	0.013604	0	0.24699
protein_co	surfactant_	1	0	0	0	0	0	0.044828	0	0	0
protein_co	bone_morp	3267	2310	2546	216	295	181	35.35419	32.05627	33.24284	3.628072
protein_co	ataxin_2-lik	4521	3471	3789	3115	4368	3413	46.34669	45.62976	46.86589	49.56473
protein_co	phytanoyl-	15	7	5	202	222	88	0.219797	0.131534	0.088399	4.594225
protein_co	coiled-coil_	27	13	14	4	7	3	0.436864	0.269733	0.273312	0.100455
protein_co	polymerase	1445	1198	1320	1008	1213	770	23.64134	25.13451	26.05711	25.59736
protein_co	flap_struct	1192	885	976	1382	1583	2140	24.3436	23.17721	24.04952	43.80735
protein_co	serum_dep	20	19	11	0	0	1	0.290431	0.353814	0.192732	0
protein_co	SOGA_fami	1756	1343	1606	1917	2715	1456	13.51368	13.25362	14.91224	22.89822
protein_co	gastrulatio	13	10	10	877	1241	760	0.287127	0.28323	0.266488	30.06495
protein_co	hemochror	0	1	0	13	25	5	0	0.028256	0	0.444613
protein_co	hexamethy	53	35	26	34	34	31	1.626421	1.377319	0.962672	1.619446
protein_co	farnesyltra	438	393	398	358	393	545	2.803034	3.225196	3.073161	3.556049
protein_co	serine_incc	1224	950	1048	695	936	627	20.44652	20.35031	21.1226	18.01994
protein_co	trafficking_	812	663	737	744	778	510	8.364388	8.757921	9.159962	11.89547
protein_co	cholinergic	0	0	0	11	7	9	0	0	0	0.2701
protein_co	collagen_ty	110994	84163	87647	1	5	199	938.9339	912.9901	894.5829	0.01313
protein_co	GDNF_fami	0	0	0	112	131	129	0	0	0	1.656439
protein_co	inhibitor_c	298	225	243	204	282	245	11.75208	11.37864	11.56253	12.48703
protein_co	CDKN2A_in	271	206	206	267	325	408	4.670046	4.552274	4.283188	7.141568
protein_co	small_nucl	341	284	292	451	543	397	3.831655	4.092227	3.958794	7.86573
protein_co	transmemb	322	238	239	344	415	350	11.7225	11.11094	10.49809	19.43808
protein_co	solute_carr	1158	835	898	532	635	735	14.84786	13.72939	13.89248	10.5876
protein_co	dynein_ligh	2	0	0	0	0	0	0.096581	0	0	0
protein_co	transmemb	707	536	626	335	407	399	13.71019	13.32902	14.64693	10.08322
protein_co	ADAM_met	0	0	0	0	0	2	0	0	0	0
protein_co	signal_tran	3325	2698	2687	1905	2248	1743	30.89148	32.14389	30.12054	27.47088
protein_co	zinc_finger_	214	170	156	257	282	214	3.623858	3.691609	3.187352	6.754933
protein_co	neuroblast	523	403	399	41	63	73	6.663989	6.584866	6.134138	0.810862
protein_co	ADAM_met	3643	3173	3347	426	436	253	44.49605	49.69832	49.32488	8.076112
protein_co	ADAM_met	0	0	0	0	1	0	0	0	0	0
protein_co	glial_cell_d	94	69	82	4	19	7	1.156867	1.088965	1.217636	0.076409
protein_co	diffuse_par	0	0	0	6	9	4	0	0	0	0.082175
protein_co	WAP_four-	0	0	0	0	2	2	0	0	0	0
protein_co	axin_2	347	326	296	356	425	729	3.820342	4.602562	3.931991	6.083496
protein_co	NADH_deh	2463	2068	2216	3161	2932	2955	210.7484	226.9132	228.7798	419.812

protein_co	zinc_finger_	48	51	37	68	79	66	0.849008	1.156778	0.789624	1.866853
protein_co	UDP_glycos	12	11	18	210	252	281	0.23893	0.280861	0.432424	6.489919
protein_co	family_witl	61	56	74	811	1016	924	0.529291	0.623107	0.77472	10.92236
protein_co	low_densit	1106	825	913	38	59	48	5.970569	5.711154	5.946746	0.318401
protein_co	potassium_	0	1	1	8	21	0	0	0.012239	0.011515	0.11851
protein_co	solute_carr	135	111	124	26	31	19	2.405073	2.535869	2.665411	0.718949
protein_co	interleukin	255	191	214	0	0	1	2.584729	2.482661	2.617198	0
protein_co	transmemb	537	352	385	343	360	469	16.51144	13.87914	14.283	16.36949
protein_co	low_densit	29	27	12	0	2	2	0.082238	0.098186	0.041059	0
protein_co	adenosylhc	3187	2549	2691	2454	3250	2359	37.22005	38.17456	37.91897	44.48359
protein_co	DnaJ_(Hsp4	1135	921	1044	981	999	838	8.572837	8.920674	9.514309	11.5008
protein_co	protein_kir	1177	859	1007	351	473	427	37.06484	34.68871	38.26161	17.15629
protein_co	nephronect	2	0	1	23	17	11	0.020396	0	0.012304	0.364057
protein_co	carbonic_a	4	1	1	33	45	14	0.109492	0.035102	0.033027	1.402063
protein_co	family_witl	4	0	4	6	9	3	0.065193	0	0.078659	0.151783
protein_co	sema_dom	2134	1554	1648	2202	2948	2893	26.49981	24.74621	24.69185	42.44203
protein_co	cyclin_M3	305	218	251	839	1074	691	4.148957	3.802813	4.119655	17.71461
protein_co	glutathione	421	345	318	181	206	138	4.947543	5.199193	4.509025	3.30154
protein_co	tet_methyl	569	487	546	20	12	20	2.624476	2.880505	3.038582	0.143183
protein_co	CXXC_finge	122	86	86	14	12	17	1.027957	0.92923	0.874303	0.183094
protein_co	tectonic_fa	347	253	259	113	125	105	5.576023	5.213447	5.021609	2.818409
protein_co	short_statu	142	139	126	23	34	28	1.632757	2.049544	1.748042	0.41048
protein_co	diphosphoi	156	152	157	210	181	175	1.283982	1.604306	1.559128	2.682773
protein_co	tetraspanir	1722	1369	1373	546	623	503	19.87804	20.26531	19.12313	9.782809
protein_co	abhydrolas	180	130	161	62	91	23	2.349722	2.17619	2.535817	1.256222
protein_co	zinc_finger_	425	311	332	395	405	212	4.30695	4.041575	4.059448	6.213102
protein_co	CTF8_chror	245	194	167	250	318	264	3.957304	4.018319	3.254602	6.267637
protein_co	adenosine_	92	98	99	161	139	143	1.200635	1.640056	1.558858	3.261216
protein_co	leucine_ca	238	170	202	161	224	484	3.943401	3.612037	4.038252	4.140476
protein_co	syntrophin	1556	1311	1352	563	757	344	7.453352	8.052933	7.813881	4.185824
protein_co	interleukin	5	5	5	5	1	6	0.122813	0.15749	0.148181	0.190623
protein_co	zinc_finger_	601	471	484	505	570	770	3.690532	3.708897	3.58598	4.813227
protein_co	syntaxin_1	743	534	609	295	359	488	9.96262	9.181959	9.852583	6.13956
protein_co	Neuron-spe	27	15	24	873	1023	1021	0.303459	0.216191	0.325458	15.22933
protein_co	zinc_finger_	59	71	73	61	75	121	0.957602	1.477749	1.429565	1.536714
protein_co	G_elongati	624	533	529	576	704	802	7.863308	8.613056	8.043118	11.2661
protein_co	olfactory_r	1	0	0	1	6	2	0.043137	0	0	0.066955
protein_co	5-hydroxyt	0	0	0	1	0	8	0	0	0	0.035694
protein_co	follistatin-l	608	462	491	6	4	6	5.90129	5.750355	5.750067	0.090391
pseudogen	transmemb	7	3	3	2	3	2	0.439987	0.241809	0.227515	0.19512
protein_co	DEAD_(Asp	956	790	762	659	878	1102	8.952837	9.487226	8.610053	9.578967
protein_co	atonal_hon	49	47	40	17	37	31	0.741404	0.911939	0.730242	0.399244
protein_co	SRY_(sex_d	0	0	0	36	29	47	0	0	0	3.203023
protein_co	ankyrin_rep	85	85	68	83	96	140	1.327665	1.702543	1.281524	2.012233
protein_co	surfactant_	1	2	1	6	9	7	0.012797	0.032822	0.015441	0.119181
protein_co	ubiquitin_s	1448	1117	1125	1748	2197	1918	31.18822	30.85208	29.23631	58.4378
protein_co	TNFAIP3_in	913	739	741	846	1062	936	21.34127	22.15151	20.89853	30.69377
protein_co	chromosor	601	557	596	884	1051	771	9.933345	11.80553	11.88544	22.67795
protein_co	transmemb	210	182	172	210	269	343	4.238874	4.710987	4.188974	6.579319
protein_co	ring_finger_	768	644	650	723	603	630	42.66769	45.88103	43.57118	62.34573
protein_co	vesicle-assc	51	37	34	53	66	55	3.470814	3.229031	2.791825	5.598446
protein_co	butyrophili	0	0	0	0	2	0	0	0	0	0
protein_co	leucine_ric	445	301	375	108	138	130	3.494567	3.031162	3.553143	1.316399
protein_co	methionine	3101	2402	2525	2044	2666	6717	51.58068	51.23511	50.67512	52.77116
protein_co	energy_hor	1	1	2	159	244	100	0.043336	0.055573	0.104576	10.695
protein_co	zinc_finger_	438	330	388	415	477	512	3.447101	3.330452	3.68434	5.069422
protein_co	solute_carr	117	90	106	15	17	16	1.933779	1.907537	2.113854	0.384807
protein_co	inositol_pc	67	57	62	514	631	158	0.664474	0.724915	0.741895	7.912187
protein_co	leucine_zip	1890	1534	1565	1277	1808	1300	16.22522	16.88742	16.2103	17.01571
protein_co	chymotryp	3	2	1	0	0	0	0.163951	0.140163	0.065939	0
protein_co	chymotryp	0	0	0	1	0	0	0	0	0	0.032375
protein_co	transmemb	1069	774	808	1340	1590	1087	17.83823	16.56244	16.26797	34.70638
protein_co	peptidylpro	524	385	397	69	71	58	17.80462	16.77534	16.27571	3.63899
protein_co	sprouty_ho	104	99	97	132	114	78	0.540699	0.660034	0.608474	1.065188
protein_co	centrosom	450	353	363	244	256	204	4.306226	4.3318	4.191206	3.624137

protein_co	syntaxin_bi	191	126	121	59	60	65	2.167472	1.83358	1.656737	1.039208
protein_co	transmemb	0	1	0	0	0	0	0	0.026189	0	0
protein_co	mitochond	898	721	743	755	922	819	11.9487	12.30238	11.92838	15.59272
protein_co	glutamate_	7	4	8	3	5	5	0.040911	0.029979	0.056413	0.027214
protein_co	lectin_gala	27	28	27	28	37	14	0.406561	0.540666	0.490539	0.654411
protein_co	JMJD7-PLA	57	44	47	67	130	39	0.369826	0.366087	0.367933	0.674726
protein_co	complexin_	1	1	7	41	51	41	0.021499	0.02757	0.181581	1.368167
protein_co	PX_domain	1007	817	764	31	61	18	21.56084	22.43198	19.73684	1.030216
protein_co	sialic_acid_	1	0	1	0	0	0	0.026733	0	0.032255	0
protein_co	neurotensi	0	0	0	0	1	1	0	0	0	0
protein_co	E2F_transc	299	255	299	228	285	196	4.253676	4.652032	5.132305	5.034525
protein_co	fem-1_hom	1104	935	971	1166	1581	1163	7.268545	7.894041	7.713397	11.91537
protein_co	COMM_dor	232	176	169	60	62	58	7.787032	7.575407	6.844138	3.125833
protein_co	ATP_syntha	19	16	13	21	32	45	1.79619	1.939671	1.482826	3.081403
protein_co	ubiquinol-c	1178	854	977	1533	1744	1734	36.10225	33.56264	36.12697	72.92251
protein_co	major_facil	11	8	15	39	90	69	0.242953	0.226584	0.399733	1.336982
protein_co	collagen_ty	4	3	6	14	18	13	0.023164	0.022279	0.041923	0.125839
protein_co	mitogen-ac	1418	1083	1119	1384	1666	1022	19.49855	19.09694	18.56539	29.53878
protein_co	kallikrein-r	0	0	0	14	17	9	0	0	0	0.515907
protein_co	heterogene	6422	5099	5429	5946	7297	9268	54.12072	55.10457	55.20281	77.77655
protein_co	insulin_rec	1371	855	1084	1123	1498	751	10.74841	8.595716	10.25378	13.66523
protein_co	methyl_Cp	1468	1253	1304	744	927	623	6.552551	7.172074	7.022795	5.154514
protein_co	variable_ch	0	0	0	7	15	7	0	0	0	0.512019
protein_co	UPF3_regul	821	641	684	1101	1347	1238	16.18869	16.20824	16.27319	33.69662
protein_co	zinc_finger_	0	2	4	9	7	4	0	0.037003	0.069631	0.201544
protein_co	actin_beta-	1	1	1	0	0	0	0.0168	0.021544	0.020271	0
protein_co	receptor_ty	831	587	575	544	674	655	8.937065	8.095457	7.461219	9.080783
pseudogen	bromodom	0	1	1	3	1	0	0	0.040711	0.038304	0.147826
protein_co	androgen_r	455	381	374	609	788	517	2.119718	2.27615	2.102259	4.403666
protein_co	dehydroger	414	310	273	253	218	253	7.550551	7.250189	6.007434	7.161917
protein_co	chromosor	4	2	3	1	1	0	0.05339	0.034233	0.048314	0.020717
protein_co	HSPB_(heat	110	88	83	99	124	64	1.727362	1.772077	1.572594	2.412994
protein_co	acetylserot	1246	988	1004	1836	2563	1062	28.52781	29.00793	27.73526	65.24595
protein_co	solute_carr	16566	12485	13203	18814	23004	16813	376.7119	364.074	362.2533	664.0539
protein_co	carbohydra	1077	888	873	460	650	425	23.01757	24.33695	22.51158	15.25921
protein_co	prostate_ar	5	3	3	153	216	241	0.046787	0.035999	0.033871	2.222173
protein_co	casein_kina	645	531	540	216	236	106	3.730611	3.938439	3.768444	1.939119
protein_co	family_with	139	114	130	96	133	61	1.895786	1.993833	2.139272	2.032246
protein_co	armadillo_r	1285	1090	1112	133	165	127	16.86833	18.34868	17.61253	2.709886
protein_co	actin_filam	137	133	110	71	93	62	1.620568	2.017473	1.569956	1.303574
protein_co	zinc_finger_	206	171	174	258	301	194	3.888625	4.13937	3.963018	7.559255
protein_co	activating_	438	278	334	170	184	317	9.926451	8.079306	9.13302	5.979974
protein_co	ubiquitin-c	966	687	724	798	900	1032	10.35805	9.446414	9.36672	13.28111
protein_co	zinc_finger_	294	225	249	270	357	280	2.311092	2.268098	2.36166	3.294308
protein_co	carnitine_p	634	501	489	585	754	354	10.07738	10.21187	9.378109	14.4326
protein_co	proprotein	3263	2445	2760	3487	4015	4035	39.32206	37.78395	40.13066	65.22312
protein_co	exportin_6	2648	2185	2242	2187	2632	2461	28.07887	29.71135	28.68437	35.99489
protein_co	GSG1-like	11	12	9	7	2	0	0.103656	0.145008	0.102327	0.102383
protein_co	meningiom	1200	794	902	1545	1987	1130	7.4468	6.318562	6.75372	14.88152
protein_co	APEX_nucle	687	525	577	533	582	593	9.927101	9.728241	10.0598	11.95428
protein_co	non-SMC_e	293	244	252	354	416	353	7.414342	7.917793	7.694024	13.90397
protein_co	coiled-coil_	67	54	43	27	34	29	1.270372	1.312984	0.983723	0.794604
protein_co	interleukin	0	0	0	0	1	1	0	0	0	0
protein_co	Uncharacte	23	19	13	10	18	26	0.403016	0.426931	0.274844	0.271972
protein_co	RAB3B_me	2057	1703	1863	2109	2517	1822	7.509558	7.972675	8.206179	11.95053
protein_co	olfactory_r	0	0	0	0	2	0	0	0	0	0
protein_co	CD2_(cytop	2044	1510	1562	1289	1664	1798	28.01613	26.54078	25.8319	27.42273
protein_co	R-spondin_	0	0	0	4	3	7	0	0	0	0.097527
protein_co	regulator_c	470	352	296	1801	2022	641	9.125593	8.76426	6.934306	54.27595
protein_co	TBC1_dom	2144	1576	1805	1068	1323	1069	21.78851	20.53848	22.13238	16.8463
protein_co	lectin_man	3076	2411	2646	3157	4116	3312	80.12983	80.54052	83.16599	127.6477
protein_co	germinal_c	1	0	0	0	0	0	0.011354	0	0	0
protein_co	RAB24_me	68	64	33	72	127	37	1.751935	2.114454	1.02582	2.879201
protein_co	PRELI_dom	1791	1245	1402	2215	3213	2205	66.59795	59.36685	62.90155	127.8408
protein_co	thrombosp	216	184	190	79	96	154	2.406902	2.62925	2.554502	1.366351

protein_co	carbonic_a	125	94	93	77	97	56	0.968802	0.934248	0.869673	0.926288
protein_co	solute_carr	387	325	342	247	231	242	13.9588	15.03245	14.88371	13.82816
protein_co	ephrin-A1	15	6	7	109	86	52	0.365187	0.18732	0.205622	4.118898
protein_co	chemokine	1	0	0	1	1	0	0.039974	0	0	0.062046
protein_co	nuclear_po	107	87	93	95	95	140	1.433085	1.494228	1.502863	1.974887
protein_co	SH3_domai	57	48	60	1	0	2	0.364928	0.394078	0.46348	0.009937
protein_co	chemokine	0	1	0	0	2	2	0	0.037441	0	0
protein_co	zinc_finger_	213	159	179	157	205	155	6.698574	6.412232	6.792096	7.663601
protein_co	NMD3_hon	776	603	627	555	448	566	11.88718	11.84524	11.58864	13.19595
protein_co	adrenocept	5	4	4	4	4	3	0.11487	0.117844	0.110878	0.142636
protein_co	beta-13-N-a	227	173	180	25	31	68	2.951756	2.884763	2.824068	0.504574
protein_co	G_protein_	458	362	372	248	368	338	5.099888	5.169078	4.997884	4.286248
protein_co	potassium_	312	226	266	61	73	120	3.580442	3.325828	3.683085	1.086532
protein_co	mitochond	409	300	320	164	140	380	12.87115	12.10667	12.15044	8.010663
protein_co	Src_homol	0	0	0	5	13	4	0	0	0	0.053085
protein_co	nuclear_rec	6	8	11	1	4	1	0.139208	0.23802	0.307932	0.036012
protein_co	phosphogl	515	431	455	483	482	525	7.398394	7.939933	7.886598	10.76981
protein_co	serine/thre	1	1	0	22	30	6	0.008695	0.01115	0	0.296895
protein_co	interleukin	3	1	1	1	1	0	0.038361	0.016398	0.015428	0.019847
protein_co	purinergic_	0	0	0	0	3	0	0	0	0	0
protein_co	chromosor	6	9	10	29	34	25	0.139208	0.267772	0.279938	1.044342
protein_co	KIAA1024	179	173	172	20	22	13	1.246779	1.545225	1.445482	0.21622
protein_co	uromodulii	0	0	0	1	0	1	0	0	0	0.030224
protein_co	glycoprotei	0	0	0	0	1	0	0	0	0	0
protein_co	solute_carr	733	526	595	313	400	277	9.226948	8.490811	9.036893	6.115457
protein_co	snurportin_	141	96	113	110	137	156	3.42387	2.989363	3.310736	4.145923
protein_co	CASP2_and	103	67	87	127	119	79	3.285491	2.74061	3.348346	6.287779
protein_co	SIN3_transc	1368	1117	1134	1727	1993	1692	9.521381	9.969568	9.523025	18.65678
protein_co	ADP-ribosy	368	256	290	114	120	104	4.417697	3.940919	4.200434	2.124142
protein_co	ribonuclea	1	2	0	1	1	2	0.062106	0.159284	0	0.096397
protein_co	protein_tyr	3286	2826	3000	2404	2828	1934	31.09598	34.29401	34.25359	35.31032
protein_co	radial_spok	0	3	2	1	2	0	0	0.056022	0.03514	0.022602
protein_co	platelet-act	3	8	5	35	51	34	0.031323	0.107112	0.062988	0.5672
protein_co	protein_tyr	1390	1126	1221	1268	1417	909	16.52983	17.17123	17.51932	23.40471
protein_co	ribonuclea	2	2	1	0	0	1	0.088388	0.113346	0.053323	0
protein_co	natriuretic_	1	2	3	263	380	261	0.011069	0.02839	0.040068	4.51867
protein_co	potassium_	10	4	3	2	5	3	0.143132	0.073419	0.051809	0.044432
protein_co	interleukin	4	4	4	0	0	0	0.110006	0.141067	0.132728	0
protein_co	sodium_ch	33	40	54	80	69	148	0.158105	0.245754	0.312157	0.59491
protein_co	Ras_associa	0	0	0	2	5	3	0	0	0	0.024284
protein_co	collagen_ty	13843	9924	10408	94	120	89	102.2847	94.03216	92.78882	1.078049
protein_co	syndecan_2	1608	1239	1461	976	1220	1081	20.10108	19.86159	22.03594	18.93711
protein_co	CD52_mole	0	0	0	2	2	0	0	0	0	0.250533
protein_co	membrane_	559	425	437	305	399	407	7.012178	6.836587	6.614097	5.938427
protein_co	TM2_doma	707	557	558	458	527	731	9.651017	9.750305	9.190431	9.703973
protein_co	HtrA_serine	1	0	0	6	2	4	0.022382	0	0	0.208439
protein_co	pleckstrin_	320	228	277	154	151	99	2.66137	2.431641	2.779605	1.987955
protein_co	chloride_in	10776	8140	8892	5352	6776	5837	116.2648	112.6223	115.7546	89.62667
protein_co	G_protein-	4	2	4	3	2	1	0.110329	0.070741	0.133119	0.128435
protein_co	coiled-coil_	2812	2181	2163	1126	1683	1478	41.03789	40.8164	38.08678	25.50578
protein_co	methyltran	233	212	217	255	279	170	2.474043	2.886666	2.780092	4.202638
protein_co	zinc_finger_	0	0	0	0	2	3	0	0	0	0
protein_co	mucin_15_	0	0	0	0	2	2	0	0	0	0
protein_co	chromosor	0	0	2	0	0	0	0	0	0.065481	0
protein_co	zinc_finger_	388	331	360	4	1	11	2.897027	3.169262	3.243182	0.046357
protein_co	poly(rC)_bi	2545	1796	1900	4230	6191	3788	68.2695	61.78096	61.49511	176.1205
protein_co	histidine_t	2228	1884	1745	2071	2108	2128	96.64288	104.7961	91.32679	139.4329
protein_co	DTW_doma	184	108	124	119	170	215	1.976578	1.487748	1.607185	1.984146
protein_co	chloride_in	9	8	9	0	2	0	0.414956	0.472997	0.500668	0
protein_co	INO80_con	505	368	423	423	523	474	5.298603	4.951391	5.354987	6.888757
protein_co	basonuclin	402	366	327	2	2	3	4.088891	4.773862	4.013056	0.031575
protein_co	DNA_fragm	206	167	163	146	196	151	3.064513	3.185811	2.9257	3.371146
protein_co	NFU1_iron-	367	273	315	326	362	279	11.7305	11.1898	12.14811	16.17329
protein_co	anthrax_to	8534	6351	6782	671	890	882	68.29824	65.1791	65.48815	8.335082
protein_co	gastrokine_	1	0	2	0	0	0	0.057604	0	0.139006	0

protein_co	cytoskeletc	379	338	332	318	273	291	3.751597	4.290452	3.965182	4.885788
protein_co	chromosor	164	109	114	124	149	111	4.088231	3.484395	3.428818	4.797818
protein_co	family_witl	22	27	17	30	42	22	0.657896	1.035398	0.613382	1.392471
protein_co	prokinetici	0	0	0	48	62	51	0	0	0	2.180668
protein_co	aprataxin_a	43	34	38	43	50	44	0.516198	0.523403	0.550402	0.801211
protein_co	bolA_homc	20	14	16	27	24	17	0.92668	0.831835	0.894474	1.941754
protein_co	RANBP2-lik	67	67	83	48	56	43	0.56342	0.722507	0.842139	0.626512
protein_co	hypermeth	516	428	422	1966	2613	1892	3.486347	3.708293	3.440182	20.61745
protein_co	leucine_zip	2040	1547	1765	1643	1865	2164	10.75024	10.45412	11.22227	13.43866
protein_co	hexosamini	221	158	226	311	398	298	4.535096	4.157771	5.595652	9.905697
pseudogen	breakpoint	0	1	0	0	3	1	0	0.032644	0	0
protein_co	BUB1_mitc	1040	821	908	1460	1384	1299	13.8068	13.97694	14.54433	30.08452
protein_co	spinster_hc	11	21	10	10	17	26	0.228935	0.560464	0.251112	0.323035
protein_co	leucine_ric	517	402	458	656	917	937	8.975246	8.949344	9.593329	17.67625
protein_co	cholinergic	60	41	48	105	168	160	0.776539	0.680464	0.749551	2.109268
protein_co	stimulated_	807	591	685	777	1026	1062	42.32689	39.75023	43.34924	63.25493
protein_co	1-acylglyce	967	700	756	673	984	679	29.98852	27.83787	28.28775	32.39471
protein_co	alveolar_so	917	636	766	1012	1574	1057	7.813583	6.9494	7.875129	13.38418
protein_co	fatty_acid_	58994	44774	49825	41893	50543	41904	323.1577	314.5154	329.3078	356.1874
protein_co	CCHC-type_	3698	2920	3023	5659	6914	6824	104.2063	105.5162	102.7811	247.5126
protein_co	metallothic	400	352	346	164	151	113	25.7284	29.03387	26.85202	16.37296
protein_co	dihydrouri	1070	793	831	1251	1791	1632	11.2595	10.70084	10.55077	20.43257
protein_co	G_protein_	2780	2132	2193	2695	3258	2954	31.98092	31.4516	30.43918	48.12109
protein_co	RFNG_O-fu	652	476	489	410	567	377	9.839811	9.212032	8.904223	9.604029
protein_co	dicarbonyl,	908	614	681	967	1137	751	34.03368	29.51215	30.7977	56.25745
protein_co	zinc_finger_	118	103	96	83	118	93	4.607013	5.156843	4.522272	5.029745
protein_co	LIM_domai	387	334	302	579	645	344	6.676393	7.389018	6.286167	15.50386
protein_co	ras-related_	534	431	429	1520	1975	1617	22.97181	23.77609	22.26687	101.4911
protein_co	neuregulin_	61	34	54	67	55	59	0.83978	0.600239	0.896969	1.431664
protein_co	LIM_and_se	3238	2395	2720	680	894	858	34.56964	32.78936	35.03765	11.26828
protein_co	chromosor	37	21	23	243	298	250	0.688465	0.501082	0.516364	7.018052
protein_co	neuroligin_	226	153	234	157	139	160	1.285749	1.116217	1.606245	1.386366
protein_co	transmemb	313	260	237	94	121	101	3.196815	3.405303	2.920583	1.490155
protein_co	UDP-glucos	2093	1705	1890	6203	5274	6240	22.31995	23.31619	24.31833	102.673
protein_co	taste_recep	0	0	0	0	1	0	0	0	0	0
protein_co	leucine_ric	243	185	191	2867	3826	3047	3.729713	3.641248	3.537127	68.30104
protein_co	heterogene	3602	2743	3000	5001	6283	7440	61.30593	59.86789	61.60672	132.1132
protein_co	biotinidase	238	178	197	192	152	150	5.219749	5.006129	5.212991	6.535885
protein_co	chondroiti	1098	924	972	88	114	79	13.80301	14.89542	14.743	1.717057
protein_co	tachykinin_	11	5	15	36	50	75	0.099382	0.057929	0.163513	0.504831
protein_co	protocadhe	3215	2266	2504	35	40	167	22.29061	20.14699	20.94707	0.376651
protein_co	roundabou	6857	5173	5637	3204	3708	2466	42.8129	41.4183	42.46553	31.05013
protein_co	one_cut_ho	6	4	3	324	357	156	0.134484	0.114971	0.081131	11.27182
protein_co	apoptosis_(	513	386	458	333	390	387	14.98728	14.46112	16.14429	15.10011
protein_co	purinergic_	1	3	8	1027	1181	531	0.015097	0.058078	0.145719	24.06467
protein_co	catenin_(ca	51	33	54	218	271	227	0.436306	0.362029	0.557394	2.894727
protein_co	tripartite_r	607	517	523	348	516	333	7.877731	8.604236	8.18959	7.010067
protein_co	mucin_17_	2	0	0	0	0	0	0.006585	0	0	0
protein_co	alpha_hem	0	0	0	1	0	1	0	0	0	0.138893
protein_co	wingless-ty	4	5	6	22	9	3	0.08248	0.132212	0.149276	0.704114
protein_co	calmodulin	4	6	1	12	17	16	0.09966	0.1917	0.030061	0.464058
protein_co	RALBP1_as	11	9	15	76	105	41	0.06492	0.068114	0.106813	0.696194
protein_co	mucin_3A_	0	0	0	323	324	270	0	0	0	5.546927
protein_co	synapse_as	1317	1060	1101	738	1042	828	10.07573	10.39934	10.1631	8.7635
protein_co	integrin_al	11	9	8	5	12	1	0.109324	0.114703	0.095931	0.07713
protein_co	PYD_(pyrin	0	0	0	18	29	3	0	0	0	1.611361
protein_co	tyrosylprot	859	761	784	233	289	203	19.03522	21.62513	20.96181	8.014033
protein_co	torsin_A_ir	1615	1346	1364	538	658	696	9.579681	10.23842	9.762048	4.953262
protein_co	S100_calci	0	1	0	1	4	0	0	0.132153	0	0.159956
protein_co	transmemb	1402	1085	1139	0	0	7	21.10427	20.94409	20.68684	0
protein_co	OTU_doma	734	687	697	718	873	431	5.380221	6.457585	6.164316	8.168813
protein_co	OTU_doma	3	3	8	94	117	53	0.041	0.052576	0.131916	1.993967
protein_co	glucuronid	787	628	596	894	1061	884	14.44323	14.77946	13.19726	25.46581
protein_co	bromodom	2164	1543	1648	2444	3151	2280	17.95294	16.41548	16.49618	31.47095
protein_co	Kruppel-lik	1828	1362	1439	1461	1697	665	12.55897	11.99953	11.92852	15.57968

protein_co	FERM_and_	1	1	2	56	54	55	0.005539	0.007103	0.013367	0.481473
protein_co	zinc_finger_	109	92	82	0	1	0	1.087449	1.177009	0.987062	0
protein_co	zinc_finger_	318	281	246	138	167	122	5.020547	5.689048	4.686052	3.381688
protein_co	zinc_finger_	43	38	54	82	80	110	0.512264	0.580521	0.776188	1.516246
protein_co	zinc_finger_	810	616	610	549	861	505	16.42773	16.02074	14.92693	17.28205
protein_co	taste_recep	6	4	9	2	2	11	0.081952	0.070061	0.148319	0.0424
protein_co	transmemb	166	104	125	197	213	107	2.534596	2.036307	2.302813	4.668714
protein_co	mitogen-ac	661	562	631	352	372	303	2.819714	3.074322	3.247739	2.330649
protein_co	pseudourid	141	112	92	189	357	184	3.708072	3.777082	2.919207	7.714741
protein_co	splicing_fa	1701	1357	1324	1395	1651	1599	108.2224	110.7139	101.6363	137.7582
protein_co	zinc_finger_	184	162	184	167	186	329	3.242301	3.660664	3.912023	4.567541
protein_co	tigger_tran	0	1	3	21	30	14	0	0.024324	0.06866	0.618275
protein_co	intermedia	640	529	582	186	280	153	4.849646	5.140379	5.321096	2.187628
protein_co	neuroligin_	3916	3102	3272	2685	3796	1950	39.55651	40.18152	39.8783	42.09689
protein_co	myosin_VII	23	23	22	0	0	0	0.160534	0.205863	0.185273	0
protein_co	chromodor	12468	9798	10736	2275	2706	2249	79.4759	80.09132	82.57132	22.50871
protein_co	transmemb	422	405	381	18	35	30	1.849653	2.276366	2.014888	0.122456
protein_co	myosin_VII	2	1	2	19	25	28	0.018472	0.011844	0.022287	0.272369
protein_co	activated_l	6268	4982	5171	426	436	523	62.52002	63.72403	62.23185	6.595234
protein_co	tyrosine_3-	6438	5119	5631	4240	5762	6050	80.60826	82.19077	85.0672	82.39956
protein_co	ubiquitin-c	1345	1035	1103	833	935	1063	40.17011	39.63971	39.74699	38.61502
protein_co	centrobin_	1146	925	985	802	1029	691	14.25735	14.75725	14.78559	15.48671
protein_co	trafficking_	1030	742	767	452	498	361	59.55206	55.01394	53.50606	40.56285
protein_co	zona_pellu	4	5	2	0	0	0	0.051826	0.083075	0.031266	0
protein_co	potassium_	243	166	162	70	79	35	4.635588	4.060841	3.728735	2.072655
protein_co	serpin_pep	0	0	0	0	0	2	0	0	0	0
protein_co	family_witl	0	0	0	2	0	2	0	0	0	0.032354
protein_co	G_protein-r	0	1	2	2	5	1	0	0.023975	0.045116	0.058038
protein_co	SUMO-inte	416	351	353	254	250	156	5.460875	5.908611	5.591028	5.175271
protein_co	transmemb	437	319	308	258	364	175	4.511435	4.223119	3.836472	4.134123
pseudogen	-	218	184	196	412	314	357	6.510843	7.047059	7.062929	19.0989
protein_co	Neuron-spe	14	13	10	4	6	3	0.267724	0.318796	0.230732	0.118727
pseudogen	-	70	50	59	37	50	46	1.230709	1.127293	1.251577	1.009694
protein_co	zinc_finger_	115	70	89	118	156	131	1.849863	1.44394	1.727348	2.946146
protein_co	non_impri	1161	877	1082	714	964	328	7.150835	6.926814	8.040811	6.825795
protein_co	forkhead_b	1	1	1	1	0	0	0.021499	0.02757	0.02594	0.03337
protein_co	G_protein-r	0	0	0	0	0	1	0	0	0	0
protein_co	ubiquitin-c	827	723	741	1176	1475	1251	25.66383	28.77157	27.74484	56.64398
protein_co	heterogene	9488	7705	8399	10216	11317	11956	78.21598	81.45219	83.54038	130.717
protein_co	salt-induci	1070	896	1011	580	737	494	5.184162	5.566883	5.910088	4.361674
protein_co	ring_finger_	286	205	237	109	128	79	2.957121	2.718105	2.956647	1.749283
protein_co	coiled-coil_	3	2	3	5	6	2	0.015784	0.013494	0.019045	0.040832
lincRNA	-	10	8	17	18	25	15	0.184534	0.189311	0.378506	0.515559
protein_co	vestigial_li	0	0	0	0	0	1	0	0	0	0
protein_co	homeobox_	7	9	12	0	0	1	0.224201	0.36965	0.463734	0
protein_co	cholinergic	128	117	113	202	258	130	2.347252	2.751344	2.500208	5.749519
protein_co	homeobox_	7	14	9	0	0	7	0.181845	0.466381	0.282094	0
protein_co	glycophori	0	0	1	0	0	0	0	0	0.021277	0
protein_co	ubiquitin_s	542	441	547	242	320	296	3.625965	3.783313	4.415295	2.512871
protein_co	solute_carr	253	172	203	651	889	282	5.784093	5.042577	5.599623	23.10076
protein_co	N-acetylneu	173	136	151	118	125	120	2.046411	2.06298	2.155121	2.166503
protein_co	ankyrin_rep	1	0	0	3	1	0	0.018439	0	0	0.085859
protein_co	adrenocept	47	36	38	3	0	4	1.268027	1.245496	1.236979	0.125627
protein_co	ADP-ribose	88	57	70	60	72	69	3.231262	2.683945	3.101241	3.419568
protein_co	fatty_acid_	0	1	0	28	45	26	0	0.078192	0	2.64998
protein_co	PWWP_do	392	360	389	950	1191	703	4.605584	5.423885	5.514375	17.32418
protein_co	ubiquitin_s	2	1	0	0	0	2	0.067662	0.043384	0	0
protein_co	ubiquitin_s	1865	1525	1532	687	563	567	11.24757	11.79395	11.14774	6.430833
protein_co	programme	2368	2021	1937	1327	1419	1283	18.02233	19.72445	17.78717	15.67583
protein_co	zinc_finger_	393	299	353	632	737	632	6.557928	6.398153	7.107172	16.36898
protein_co	melanocor	3	4	4	1	0	3	0.14067	0.240519	0.226302	0.07278
protein_co	family_witl	172	164	181	200	221	168	2.002752	2.448792	2.542877	3.614592
protein_co	zinc_finger_	1321	989	1134	1245	1605	1145	16.64652	15.98182	17.24177	24.35121
protein_co	galactosida	1864	1427	1574	919	1059	740	33.41093	32.80016	34.04046	25.56752
protein_co	chromosor	106	87	98	62	71	97	4.307055	4.533182	4.804506	3.91018

protein_co	fatty_acid_	146	89	118	153	163	93	1.79354	1.402031	1.748994	2.917294
protein_co	cartilage_a	4743	3757	3941	2407	2833	1877	88.32381	89.71709	88.54808	69.57148
protein_co	cyclic_nucl	11	24	0	0	4	1	0.118654	0.33198	0	0
protein_co	sarcolipin	73	60	83	0	0	0	3.778114	3.982106	5.182966	0
protein_co	elongator_	675	571	601	670	743	775	14.32809	15.54283	15.39243	22.07445
protein_co	CKLF-like_M	93	68	63	132	137	82	3.714456	3.482816	3.035994	8.183078
protein_co	GABA(A)_re	17	10	11	5	14	11	0.48784	0.367991	0.380863	0.222704
protein_co	syntaxin_8	446	363	342	223	231	215	16.79755	17.53182	15.54122	13.03606
protein_co	cyclin-depe	949	792	752	1366	1355	1275	22.84324	24.44702	21.84024	51.03553
protein_co	ubiquitin_E	3091	2071	2218	1890	2715	1701	118.316	101.6562	102.4363	112.2888
protein_co	nuclear_fac	507	357	433	449	546	637	4.667826	4.214871	4.809973	6.416283
protein_co	fatty_acid_	505	446	432	0	1	0	25.16414	28.49935	25.97303	0
protein_co	FERM_and_	0	0	0	2	3	0	0	0	0	0.029129
protein_co	PR_domain	380	306	318	298	312	297	2.818445	2.910427	2.845778	3.43062
protein_co	UDP-GlcNA	352	309	290	413	488	415	5.973683	6.724613	5.938073	10.87878
protein_co	FBJ_murine	94	62	89	162	167	222	2.042475	1.727547	2.333281	5.463544
protein_co	transmemb	5035	4282	4284	2161	2492	2439	57.2065	62.38812	58.72776	38.10932
pseudogen	olfactory_r	1	0	2	15	18	16	0.016097	0	0.038843	0.374767
protein_co	SET_domai	317	205	265	181	219	322	6.084378	5.045685	6.136925	5.3922
protein_co	SMAD_fami	435	314	318	173	231	221	6.194096	5.733603	5.46341	3.823536
protein_co	cystatin_D	0	0	0	0	0	2	0	0	0	0
protein_co	cystatin_SA	1	0	0	0	1	0	0.062687	0	0	0
protein_co	empty_spir	5	0	0	0	0	0	0.080957	0	0	0
protein_co	cystatin_SN	0	0	1	49	50	239	0	0	0.074441	4.692382
protein_co	Sp7_transc	143	104	87	3	5	0	2.13001	1.986499	1.563554	0.069358
protein_co	family_witl	33	20	29	2	1	1	0.277904	0.215983	0.294664	0.026142
protein_co	sema_dom	229	196	178	17	21	28	1.658094	1.819864	1.55504	0.191053
protein_co	leucine_ric	0	2	0	62	84	82	0	0.02388	0	0.896018
protein_co	solute_carr	302	197	203	491	587	1323	2.586917	2.16397	2.098069	6.528112
protein_co	doublecort	360	259	320	1	6	4	3.957891	3.651493	4.244821	0.017064
protein_co	zinc_finger_	80	46	61	1	0	2	0.79983	0.589759	0.735843	0.015518
pseudogen	-	0	0	0	0	1	1	0	0	0	0
protein_co	G_protein-	11	3	8	410	428	275	0.172621	0.060371	0.151474	9.986519
protein_co	transmemb	85	66	68	37	34	43	1.109282	1.104527	1.07073	0.749472
protein_co	V-set_and_	0	0	0	9	19	10	0	0	0	0.192596
protein_co	keratin_8	677	544	549	16680	19718	14679	11.09173	11.42928	10.85253	424.1674
protein_co	keratin_78	1	1	0	0	0	0	0.018359	0.023543	0	0
protein_co	adenosine_	109	95	96	58	87	33	2.725873	3.046576	2.896666	2.251322
protein_co	short_chai	0	0	0	1	1	0	0	0	0	0.041235
protein_co	O-6-methyl	93	69	71	228	208	155	2.47912	2.358701	2.283605	9.433652
protein_co	methyltran	19	16	17	17	12	19	0.591574	0.638829	0.638635	0.821552
protein_co	keratin_86	2	1	1	0	1	3	0.044849	0.028756	0.027057	0
protein_co	histidyl-tRN	1735	1373	1488	606	849	1081	23.28397	23.62857	24.09398	12.62294
protein_co	nuclear_tra	223	183	183	370	413	315	2.705427	2.847025	2.678737	6.967277
protein_co	DENN/MAD	653	536	607	268	362	262	3.233282	3.403334	3.626329	2.059661
protein_co	CD14_mole	20	16	21	3	1	2	0.497243	0.510115	0.62995	0.115769
protein_co	DnaJ_(Hsp4	419	338	372	280	257	248	3.850072	3.98273	4.124258	3.993405
protein_co	spermatoge	41	36	34	87	112	90	2.114951	2.381378	2.116136	6.965724
protein_co	Ral_GTPase	1564	1249	1432	845	1041	843	8.467381	8.671298	9.35413	7.100673
protein_co	within_bgc	368	284	310	784	973	887	14.07465	13.92893	14.30539	46.54108
protein_co	marginal_z	0	0	0	4	4	0	0	0	0	0.154276
protein_co	keratin_4	1	0	0	0	0	0	0.018203	0	0	0
protein_co	solute_carr	12	1	10	8	9	6	0.244325	0.026109	0.24566	0.252817
protein_co	neuronal_P	536	412	468	32	25	20	3.148321	3.103279	3.316715	0.291739
protein_co	KiSS-1_met	0	1	0	0	5	1	0	0.084809	0	0
protein_co	LON_peptic	158	135	116	16	14	6	0.532535	0.583491	0.471734	0.083703
protein_co	nudix_(nuc	500	367	344	461	566	454	9.538246	8.977883	7.917809	13.64991
protein_co	hydroxyste	3	2	4	0	5	0	0.058686	0.050171	0.094411	0
protein_co	proliferatic	1156	922	1003	1701	1954	2221	21.03409	21.51326	22.01988	48.03975
protein_co	ELOVL_fatt	2062	1695	1771	1652	1843	2194	14.98098	15.79176	15.52451	18.6291
protein_co	6-phospho	3306	2652	2694	844	1051	1585	34.57917	35.57087	33.99831	13.70202
protein_co	transmemb	44	28	37	64	71	48	0.458582	0.374224	0.46528	1.035321
protein_co	ADP-ribosy	1489	1189	1235	1881	1944	2457	29.00675	29.70267	29.02815	56.87528
protein_co	serpin_pep	1045	823	783	206	415	407	11.899	12.0172	10.75731	3.640757
protein_co	small_cell_	345	282	286	109	129	87	6.883854	7.215576	6.885359	3.375744

protein_co	iroquois_h	39	28	39	172	282	292	0.984236	0.906154	1.187538	6.73742
protein_co	cadherin_2	8087	6306	7063	819	931	1214	87.53453	87.52966	92.2421	13.75962
protein_co	iroquois_h	151	107	103	1948	2672	2626	2.692164	2.446345	2.215695	53.90686
protein_co	embigin	2741	2269	2221	541	656	706	30.02232	31.86978	29.3516	9.197354
protein_co	SIX_homeo	167	125	123	18	39	27	3.551307	3.408719	3.155913	0.594121
protein_co	discs_large	54	34	35	299	376	181	0.378881	0.305912	0.296295	3.256196
protein_co	signal_tran	2597	2128	2180	594	718	472	37.14868	39.03484	37.62495	13.18829
protein_co	NudC_dom	475	412	414	772	973	655	21.35451	23.75213	22.45662	53.86961
lincRNA	long_interg	1	0	0	0	2	0	0.064498	0	0	0
protein_co	interferon_	1542	1111	1201	1015	1468	730	28.79506	26.60462	27.05981	29.41916
protein_co	heat_shock	3928	3308	3466	7197	8640	7550	38.17285	41.22474	40.64056	108.5588
protein_co	forkhead_b	0	1	1	341	425	330	0	0.030231	0.028444	12.47758
protein_co	solute_carr	2	6	6	4	3	3	0.034875	0.134168	0.126238	0.108263
protein_co	scratch_ho	0	0	1	4	12	3	0	0	0.044131	0.227082
protein_co	COMM_dor	312	227	259	155	219	257	9.300499	8.677345	9.315357	7.171563
protein_co	sarcoglycar	690	529	563	18	16	3	3.31667	3.260755	3.265198	0.134294
protein_co	gametocyte	1	0	0	9	5	5	0.028927	0	0	0.404083
pseudogen	dpy-19-like	47	29	44	1	1	3	0.54042	0.427603	0.610427	0.017847
protein_co	zinc_finger_	169	115	139	174	218	181	3.02921	2.643321	3.006114	4.840858
protein_co	armadillo_	735	658	683	562	681	564	13.10923	15.0496	14.69801	15.5581
protein_co	ring_finger_	596	441	461	601	754	673	13.52684	12.83506	12.62406	21.17167
protein_co	acylphosph	45	36	35	20	34	26	1.103006	1.131559	1.035098	0.760897
protein_co	TraB_doma	743	592	579	1700	2265	1462	14.49221	14.80734	13.62613	51.46658
protein_co	transmemb	44	49	49	101	108	82	1.113416	1.590049	1.49606	3.966951
protein_co	activating_	431	355	370	145	201	132	3.025389	3.195521	3.133673	1.579801
protein_co	RAS_p21_p	8	11	11	5	16	1	0.105105	0.185326	0.174371	0.101961
protein_co	suppressor_	527	402	450	304	327	348	4.225554	4.133409	4.35345	3.783355
protein_co	muscle-rela	45	26	39	160	149	120	0.806903	0.597849	0.843765	4.453066
protein_co	zinc_finger_	12	13	20	254	346	580	0.322638	0.448215	0.648802	10.59981
pseudogen	olfactory_r	1	0	0	0	0	1	0.050583	0	0	0
protein_co	homeobox_	22	24	19	0	0	46	0.381361	0.533499	0.397388	0
protein_co	tubulin_tyr	0	1	1	101	158	58	0	0.013543	0.012742	1.655577
protein_co	block_of_p	425	297	363	403	639	450	8.530932	7.644927	8.791485	12.55576
protein_co	polymerase	549	452	408	203	225	77	7.271926	7.67759	6.520567	4.173531
protein_co	synaptotag	0	1	1	39	36	27	0	0.015203	0.014305	0.717677
protein_co	potassium_	26	32	22	679	726	473	0.508611	0.802734	0.519258	20.61639
protein_co	RNA_bindi	1	0	0	1	0	2	0.021169	0	0	0.032858
protein_co	kinesin_fan	5719	4612	5016	2065	1856	2108	45.6294	47.18711	48.28701	25.57262
protein_co	G_protein-	75	39	52	198	260	233	1.164102	0.776254	0.973825	4.770076
protein_co	A_kinase_(P	2846	2185	2473	745	997	674	10.0983	9.942006	10.5873	4.102985
protein_co	tumor_pro	1	0	0	0	0	0	0.018231	0	0	0
protein_co	cell_divisio	1148	907	1039	1297	1648	1496	21.42051	21.70224	23.39115	37.56283
protein_co	olfactory_r	0	0	0	0	0	1	0	0	0	0
protein_co	short_chai	0	0	0	0	3	4	0	0	0	0
protein_co	DPY30_dor	0	0	0	1	0	0	0	0	0	0.062258
protein_co	olfactory_r	0	0	1	0	0	1	0	0	0.053728	0
protein_co	coiled-coil-	321	248	260	368	407	536	4.767721	4.723532	4.65937	8.483677
protein_co	HtrA_serine	260	192	218	99	116	72	4.797877	4.543456	4.853782	2.835577
protein_co	forkhead_b	245	208	218	195	200	202	2.12427	2.312684	2.280595	2.624272
protein_co	leiomodin_	0	0	0	0	1	0	0	0	0	0
protein_co	follicle_stir	0	0	0	0	1	2	0	0	0	0
pseudogen	carboxyl_es	0	0	0	1	0	0	0	0	0	0.05827
protein_co	ubiquitin_s	1216	1050	1092	1427	1751	1122	11.02654	12.20969	11.94749	20.08447
protein_co	carboxyl_es	12	20	14	45	54	31	0.236024	0.504445	0.332239	1.37378
protein_co	protein_ph	238	217	212	265	334	444	3.724908	4.355196	4.00334	6.437466
protein_co	G_protein-	2	4	0	233	300	145	0.038324	0.098291	0	6.929993
processed_	-	327	248	254	356	490	331	6.634806	6.4527	6.218165	11.21143
protein_co	pregnancy_	0	0	0	3	0	0	0	0	0	0.094071
protein_co	kelch_repea	739	635	708	506	654	720	9.252796	10.19557	10.69572	9.833533
protein_co	MYC_induc	493	357	354	113	112	190	7.90858	7.34394	6.851772	2.813588
protein_co	TP53_regul	372	324	335	742	831	728	14.75726	16.48228	16.03451	45.68749
protein_co	LSM3_hom	628	546	516	815	925	1067	7.718724	8.605732	7.652152	15.54798
protein_co	leukocyte_i	2	1	3	0	0	0	0.049883	0.031984	0.09028	0
protein_co	KIAA0232	1100	855	961	528	663	529	6.578117	6.556686	6.933945	4.900872
protein_co	metastasis_	84	44	56	135	167	132	0.796675	0.535136	0.640823	1.987313

protein_co	transmemb	1587	1273	1269	509	589	775	22.27311	22.91087	21.48887	11.08797
protein_co	ring_finger	413	323	325	295	351	378	7.343791	7.365159	6.972711	8.141844
protein_co	ribosomal_	14006	10511	11192	20067	24183	18061	275.4789	265.1109	265.6011	612.6142
protein_co	phospholip	1	0	0	0	0	0	0.082991	0	0	0
protein_co	cytokine-lil	1672	1304	1346	24	23	17	78.16561	78.17473	75.92286	1.741491
protein_co	tRNA_splic	1374	1041	1054	595	749	538	27.16142	26.38917	25.13937	18.25632
protein_co	thyrotropir	0	0	0	9	7	7	0	0	0	0.331152
protein_co	glutathione	687	582	581	201	242	176	19.02743	20.67073	19.41546	8.640721
protein_co	Myb/SANT-	424	335	372	272	281	273	4.864538	4.928672	5.14952	4.843677
protein_co	NADH_deh	668	473	505	956	1181	860	32.52599	29.53416	29.66836	72.25077
protein_co	osteoclast_	7	10	6	73	112	24	0.159723	0.292602	0.165184	2.585365
protein_co	progestin_a	256	188	226	413	436	161	2.533526	2.385902	2.698621	6.344039
protein_co	nudix_(nuc	32	39	52	44	57	32	0.282789	0.441964	0.554453	0.603526
processed_	TPT1_antis	267	253	256	109	140	41	4.363762	5.302488	5.048215	2.765074
protein_co	tetratricop	1728	1381	1379	202	210	219	6.912887	7.084656	6.656226	1.254289
protein_co	testis_expr	0	0	0	88	158	62	0	0	0	5.131909
protein_co	polycystic_	3	2	2	8	14	14	0.00864	0.007386	0.006949	0.03576
protein_co	nuclear_ca	0	0	0	2	0	0	0	0	0	0.315064
protein_co	DnaJ_(Hsp4	257	207	219	111	162	121	4.390067	4.534378	4.513674	2.943008
protein_co	zinc_finger	251	190	244	721	638	346	2.510536	2.437001	2.94463	11.19331
protein_co	zinc_finger	12	3	4	107	88	96	0.213947	0.068589	0.086046	2.961003
protein_co	protein_kir	3226	2510	2548	439	680	948	128.8477	128.5569	122.7891	27.21493
protein_co	doublecort	2	2	1	1	0	2	0.017522	0.02247	0.010571	0.013599
protein_co	hyaluronar	1130	930	1026	210	312	1036	12.64576	13.34623	13.85357	3.647675
protein_co	platelet_de	225	156	158	42	65	64	2.603715	2.314967	2.206054	0.754381
protein_co	placenta-sp	1	0	2	3	5	6	0.041204	0	0.09943	0.191862
protein_co	DNA-damag	1	1	4	0	0	2	0.017931	0.022994	0.08654	0
protein_co	sphingosin	261	181	191	86	85	34	4.207045	3.741318	3.714652	2.15162
protein_co	heparan_su	38	29	27	226	180	213	0.401221	0.392651	0.343963	3.703723
protein_co	pygopus_h	361	294	325	23	36	20	1.994262	2.082724	2.166239	0.197212
protein_co	leucine_ric	11	6	11	13	16	8	0.143474	0.100356	0.17311	0.263181
protein_co	protein_kir	311	262	283	241	282	276	3.502953	3.784292	3.845993	4.213291
protein_co	XK_Kell_blo	117	58	77	210	294	148	1.622156	1.031203	1.288088	4.519148
protein_co	t-SNARE_do	216	165	184	386	480	349	4.822973	4.724484	4.957092	13.37762
protein_co	formyl_pep	0	0	0	0	1	0	0	0	0	0
protein_co	formyl_pep	2	3	3	0	0	0	0.047725	0.091801	0.086375	0
protein_co	olfactory_r	1	0	0	1	1	2	0.043377	0	0	0.067326
protein_co	fasciculatic	633	503	505	280	356	243	6.603199	6.728651	6.356091	4.533558
protein_co	SRY_(sex_d	1	2	0	5	8	6	0.01458	0.037394	0	0.113153
protein_co	chromosor	1523	1128	1233	503	577	602	34.61633	32.87756	33.81367	17.74515
pseudogen	family_witl	5	9	4	33	32	19	0.116526	0.26897	0.112476	1.193704
protein_co	anaplastic_	57	53	48	1	0	2	0.4297	0.51236	0.436596	0.011701
protein_co	cysteine_co	262	186	181	433	507	256	4.933809	4.491623	4.112517	12.65609
protein_co	myotubula	104	96	97	139	106	111	1.35724	1.606585	1.527365	2.815584
pseudogen	sialic_acid_	0	0	0	0	3	0	0	0	0	0
protein_co	tRNA_meth	181	163	180	287	343	294	4.6226	5.338321	5.546618	11.3768
protein_co	insulin_rec	25	13	18	939	1094	495	0.130919	0.0873	0.113732	7.632369
protein_co	mitofusin_	967	819	811	481	564	539	8.67968	9.426934	8.783066	6.701203
protein_co	GTPase_IM	1	4	1	1	1	0	0.011207	0.057485	0.013522	0.017395
protein_co	neurturin	8	13	4	108	147	64	0.338251	0.704858	0.20406	7.087663
protein_co	potassium_	16	7	26	24	16	11	0.36508	0.204822	0.715797	0.849983
protein_co	fucosyltran	1	0	0	8	6	1	0.018146	0	0	0.225324
protein_co	potassium_	0	2	3	162	277	181	0	0.031449	0.044385	3.083245
protein_co	heat_shock	3	1	2	0	0	0	0.071551	0.030585	0.057554	0
protein_co	ATPase_H+_	276	194	172	208	283	285	4.754462	4.285518	3.57494	5.561425
protein_co	protein_kir	272	179	187	54	68	56	2.25736	1.904997	1.872499	0.695595
protein_co	jagunal_ho	438	379	375	468	554	434	12.13103	13.46083	12.53149	20.11869
protein_co	relaxin_3	0	0	0	3	3	0	0	0	0	0.376447
protein_co	transcriptio	1616	1347	1336	1415	1557	1350	29.66886	31.71293	29.5947	40.3224
protein_co	suppressor	345	262	281	294	322	281	3.390706	3.302034	3.332156	4.484859
protein_co	C1GALT1-sp	218	147	154	122	156	126	6.337274	5.479901	5.401505	5.504734
protein_co	chromosor	1426	968	1059	951	1299	836	42.58928	37.07366	38.16144	44.08509
protein_co	MORN_repe	195	158	189	247	284	120	3.936097	4.089758	4.603001	7.738532
protein_co	zinc_finger	511	365	370	986	1239	609	8.016326	7.342715	7.003324	24.00833
protein_co	zinc_finger	349	293	275	381	501	214	6.052003	6.515544	5.753796	10.25485

protein_co	nuclear_ap	228	183	220	225	299	151	3.145314	3.23735	3.661845	4.817727
protein_co	ribokinase	8	7	4	15	23	16	0.174393	0.19568	0.105208	0.50753
protein_co	glutamate_	18	22	22	6	4	8	0.232897	0.365026	0.34345	0.120496
protein_co	mucin_7_s	0	0	0	0	0	4	0	0	0	0
protein_co	transmemb	284	211	228	230	259	327	18.01998	17.16832	17.45496	22.65136
protein_co	transmemb	408	334	345	348	446	462	13.78323	14.46927	14.06236	18.24739
protein_co	tripartite_r	2563	1889	2024	990	1127	615	43.829	41.42421	41.76106	26.27717
protein_co	neuropilin_	1207	941	1081	457	604	1299	7.565332	7.563446	8.175126	4.445979
protein_co	claudin_20	58	43	37	6	13	17	2.24948	2.138611	1.731426	0.36119
protein_co	CDC42_bin	27	13	27	417	632	421	0.220486	0.136135	0.266029	5.285471
protein_co	SCAN_dom	1239	911	998	1013	1460	1154	33.64026	31.71873	32.69389	42.69018
protein_co	jun_B_prot	737	529	528	77	106	84	19.04019	17.52543	16.45833	3.087628
protein_co	chromosor	45	48	53	218	344	308	1.986865	2.717731	2.823448	14.93973
protein_co	transmemb	8	4	4	187	220	248	0.222228	0.142488	0.134065	8.062691
protein_co	UDP_glucu	0	0	0	1	0	0	0	0	0	0.038569
protein_co	leucine-ricl	0	2	1	7	16	4	0	0.039611	0.018635	0.167806
protein_co	SHC_SH2-d	775	714	728	293	338	320	10.49979	12.4047	11.90031	6.161364
protein_co	sclerostin_	282	232	212	11	3	15	5.48444	5.786028	4.974702	0.332052
protein_co	neuronal_p	25	19	12	75	95	51	0.228866	0.223051	0.132547	1.065694
protein_co	family_witl	852	585	693	852	947	883	9.104443	8.016393	8.93501	14.13136
protein_co	BAH_and_c	2317	1683	1924	1901	2708	895	10.50616	9.786137	10.52618	13.37921
protein_co	zinc_finger_	4	0	2	35	37	29	0.071533	0	0.043154	0.971508
protein_co	zinc_finger_	147	158	120	125	126	77	1.64546	2.267966	1.620688	2.171753
protein_co	glucosidase	2571	1809	1838	2490	3208	2028	33.24717	29.99857	28.67782	49.97841
protein_co	calcium_ac	2307	1704	1777	634	790	684	30.60987	28.99297	28.44784	13.0567
protein_co	potassium_	49	33	43	1	1	1	0.372868	0.322019	0.394798	0.011811
protein_co	zinc_finger_	1092	909	927	508	557	777	26.13777	27.90096	26.77156	18.87297
protein_co	carbohydra	1633	1161	1256	525	652	419	13.4124	12.22818	12.44681	6.692835
protein_co	exosome_c	508	388	434	420	494	594	11.27313	11.04134	11.62034	14.46641
protein_co	phosphogly	4683	3623	3846	11001	10073	10045	119.9923	119.0439	118.9013	437.514
protein_co	chromodor	671	629	601	3106	3910	2856	3.011986	3.620682	3.255014	21.64025
protein_co	establishm	272	219	245	145	205	211	3.251934	3.357579	3.534166	2.690737
protein_co	keratin_19	22	20	25	1915	2262	1884	0.742144	0.865177	1.017545	100.2686
protein_co	keratin_15	1	2	3	0	0	0	0.008954	0.022963	0.032409	0
protein_co	leucine_ric	30	15	13	10	24	2	0.758738	0.486487	0.3967	0.392556
protein_co	chloride_cl	615	514	560	448	477	319	2.852924	3.057649	3.134377	3.225698
protein_co	tubulin_po	8	17	4	101	130	50	0.073323	0.199806	0.044234	1.436818
protein_co	potassium_	10	6	13	8	6	12	0.063399	0.04878	0.099443	0.078723
protein_co	apelin	15	16	12	118	107	48	0.218432	0.298782	0.21084	2.667086
protein_co	keratin_13	0	0	0	0	0	1	0	0	0	0
protein_co	phosphodi	176	122	140	0	0	1	1.531103	1.361008	1.469494	0
protein_co	mitochond	334	283	291	310	457	455	19.74939	21.45868	20.761	28.45112
protein_co	zinc_finger_	368	259	308	1248	1295	600	13.03287	11.76255	13.16107	68.60211
protein_co	N-acetyltra	59	51	32	59	48	50	1.186325	1.315017	0.776336	1.841341
protein_co	keratin_20	1	0	0	0	0	0	0.026995	0	0	0
protein_co	glyoxalase_	0	0	0	0	1	0	0	0	0	0
protein_co	kinase_sup	17	22	25	126	127	77	0.046868	0.077778	0.08316	0.539173
protein_co	zinc_finger_	159	100	124	51	61	51	5.917074	4.772206	5.567748	2.945849
protein_co	mutated_ir	1224	956	1088	737	846	685	1.937002	1.940064	2.077427	1.810284
protein_co	zinc_finger_	161	123	139	112	148	106	1.699143	1.664633	1.769974	1.834647
protein_co	cyclin-depe	0	5	2	8	6	1	0	0.12026	0.04526	0.232895
protein_co	dermatan_s	616	510	551	636	1124	1116	3.030558	3.217521	3.270706	4.856568
protein_co	polymerase	326	266	269	312	410	604	8.122288	8.498685	8.086509	12.06551
protein_co	additional_	2486	1964	2179	482	546	534	16.57923	16.79632	17.5335	4.989314
protein_co	delta-like_2	17	15	16	5	11	16	0.391134	0.442565	0.444165	0.178557
protein_co	zinc_finger_	384	325	399	713	799	528	3.155585	3.424848	3.956121	9.094286
protein_co	zinc_finger_	1220	985	1046	693	717	391	7.145369	7.397933	7.391704	6.299825
protein_co	zinc_finger_	426	387	430	482	542	585	4.256371	4.958498	5.183777	7.474934
protein_co	microtubul	9	9	3	6	17	5	0.507224	0.650443	0.203998	0.524854
protein_co	WAS/WASL	1632	1192	1373	917	1175	890	10.23876	9.589874	10.39312	8.929499
protein_co	HOP_home	111	76	67	0	0	0	1.624974	1.426745	1.18344	0
protein_co	synovial_sa	0	0	0	0	1	1	0	0	0	0
protein_co	leucine_ric	521	431	395	36	55	47	3.384552	3.59046	3.096055	0.362992
protein_co	sperm_acro	1	1	0	0	0	0	0.064057	0.082145	0	0
protein_co	ribosomal_	1659	1280	1320	2197	2332	3176	18.81726	18.61784	18.06475	38.67857

protein_co	leucine_ric	443	395	396	525	635	500	5.258804	6.01298	5.671873	9.673265
protein_co	olfactory_r	0	0	1	0	0	0	0	0	0.053323	0
protein_co	peptidylpr	445	311	348	350	481	524	11.446	10.25802	10.79993	13.97308
protein_co	collagen_ty	388	342	356	16	20	15	2.665689	3.013097	2.951045	0.170619
protein_co	electron-tr	192	142	147	79	108	111	2.743109	2.601594	2.534003	1.75186
protein_co	relaxin/ins	0	0	0	8	3	6	0	0	0	0.151546
protein_co	lysophosph	65	63	55	693	728	512	0.911166	1.132489	0.93024	15.07815
protein_co	prostaglan	428	351	404	6	4	12	5.215418	5.484812	5.93984	0.113482
protein_co	tubulin_fol	1481	1087	1083	1794	2201	2391	30.17997	28.40551	26.62811	56.74357
protein_co	neuronal_d	0	0	2	0	1	0	0	0	0.018127	0
protein_co	microtubul	9	4	2	14	22	11	0.097484	0.05556	0.026138	0.23537
protein_co	orthopedia	0	0	0	22	15	14	0	0	0	0.43652
protein_co	endothelin	0	1	0	835	1111	520	0	0.02028	0	20.49617
protein_co	BCL2-like_1	1242	902	979	1058	1241	1687	22.31318	20.78049	21.22123	29.50231
protein_co	fibrinogen_	2	0	2	0	0	0	0.046174	0	0.055712	0
protein_co	fibrinogen_	0	0	0	0	0	1	0	0	0	0
protein_co	olfactory_r	0	0	0	0	0	1	0	0	0	0
protein_co	fibrinogen_	0	0	0	1	0	0	0	0	0	0.036851
protein_co	pleiotropic	793	618	721	643	817	928	11.09632	11.08929	12.17277	13.96521
protein_co	zinc_finger_	203	186	181	42	65	64	3.513722	4.128513	3.780054	1.128369
protein_co	Down_sync	11	10	24	2	3	8	0.060312	0.070311	0.158771	0.017021
protein_co	dynein_axc	0	0	0	6	3	0	0	0	0	0.176436
protein_co	neuromedi	0	0	0	10	7	11	0	0	0	0.220679
protein_co	calsyntenin	5200	3883	4150	3965	4897	3582	46.70142	44.72017	44.97	55.27139
protein_co	CXXC_finge	5481	4005	4331	3584	4589	2702	96.69081	90.60189	92.18529	98.13499
protein_co	zinc_finger_	333	265	255	456	525	444	3.218132	3.284088	2.973362	6.839981
protein_co	phosphatid	614	534	579	767	858	346	5.250861	5.856157	5.974324	10.18094
protein_co	pre_T-cell_	0	1	0	0	0	0	0	0.055676	0	0
protein_co	solute_carr	338	265	313	328	479	375	10.94532	11.00442	12.22937	16.48603
protein_co	ectodermal	1795	1295	1574	406	416	415	15.25604	14.11421	16.14099	5.355918
protein_co	splA/ryano	917	698	771	143	196	78	13.78146	13.45211	13.98068	3.335741
protein_co	pyrimidine	0	2	1	1	5	3	0	0.05015	0.023593	0.03035
protein_co	bromodom	2701	2105	2432	3178	3188	3453	11.2159	11.20911	12.18488	20.48302
protein_co	S100_calci	1	0	0	0	2	2	0.031941	0	0	0
protein_co	zinc_finger_	130	106	134	438	525	676	1.457953	1.524458	1.813231	7.624385
protein_co	G_protein-	3	0	6	2	9	3	0.042004	0	0.10136	0.043464
pseudogen	-	20	10	10	0	0	0	0.524204	0.336108	0.316241	0
protein_co	G_protein-	4	1	8	1	3	1	0.097484	0.031252	0.235241	0.037827
antisense	SHANK2_ar	0	0	0	4	3	2	0	0	0	0.172976
protein_co	pleckstrin_	2210	1824	1971	940	1307	542	19.8481	21.00685	21.35804	13.10343
protein_co	activating_	1655	1397	1478	2048	2097	1473	16.01052	17.33058	17.25162	30.75161
protein_co	chromosor	13	12	10	8	17	7	0.70227	0.831288	0.651792	0.670782
protein_co	regulator_c	702	532	526	365	481	239	20.6634	20.08101	18.68093	16.67585
protein_co	transcriptic	796	578	615	656	903	449	15.83558	14.74545	14.76196	20.25607
protein_co	anoctamin_	10	13	13	168	190	155	0.070501	0.117529	0.110582	1.838371
protein_co	histone_de	980	746	725	906	982	1023	23.45698	22.89782	20.93785	33.65926
protein_co	chromosor	13	6	7	7	4	5	0.512675	0.30343	0.333077	0.428477
protein_co	gephyrin	214	164	172	196	165	230	2.335225	2.294924	2.2646	3.319721
protein_co	vesicle_ami	3632	3371	3459	193	239	521	44.52406	52.99282	51.16201	3.672288
protein_co	transmemb	265	186	207	191	293	152	6.398483	5.759084	6.030448	7.158055
protein_co	calmodulin	788	631	601	771	1041	681	4.375809	4.493356	4.02675	6.645337
protein_co	lectin_gala	1	0	0	0	0	2	0.030547	0	0	0
protein_co	leucine_ric	56	50	39	156	204	118	0.693383	0.793897	0.582637	2.998059
protein_co	phenylalan	0	1	0	26	23	17	0	0.014588	0	0.459067
protein_co	spermatog	230	172	187	238	314	367	4.196383	4.024251	4.116583	6.739919
protein_co	glycine_am	12	16	16	156	186	111	0.143871	0.245993	0.231452	2.903004
protein_co	synaptoner	0	0	0	1	1	0	0	0	0	0.029359
protein_co	nucleoredc	0	0	0	1	0	0	0	0	0	0.076934
protein_co	RAS_guanyl	5	8	4	21	46	16	0.070767	0.145197	0.068307	0.461327
protein_co	nescient_h	6	5	7	11	12	18	0.10977	0.117304	0.154518	0.31236
protein_co	schlafen-lik	44	37	27	56	78	76	0.478692	0.516195	0.354417	0.945631
protein_co	B-cell_CLL/	287	192	204	79	97	48	1.803704	1.547369	1.546898	0.770621
protein_co	RAD9-HUS1	493	403	445	595	677	619	12.36191	12.95845	13.46315	23.15721
protein_co	CTP_syntha	1153	880	1013	944	1160	1558	16.90034	16.54086	17.91528	21.47675
protein_co	undifferent	0	0	0	6262	7743	4233	0	0	0	393.9042

protein_co	kinase_non	3	5	3	756	1232	483	0.020708	0.044259	0.024986	8.099739
protein_co	WD_repeat	0	0	0	0	2	2	0	0	0	0
protein_co	methyltran	50	51	60	97	87	95	1.541421	2.016186	2.231775	4.641447
protein_co	tetratricop	12	11	25	23	25	18	0.067973	0.079902	0.170861	0.202215
protein_co	collagen_ty	2084	1525	1672	89	139	41	20.9248	19.63553	20.25573	1.387024
protein_co	PWWP_do	376	292	330	741	927	320	6.650565	6.623124	7.042594	20.3432
protein_co	protocadhe	0	0	0	3	4	4	0	0	0	0.086164
protein_co	zinc_finger_	7	4	2	6	3	1	0.104299	0.076428	0.035955	0.13876
protein_co	angiopoieti	5	3	2	0	1	5	0.104759	0.080603	0.050559	0
protein_co	F-box_and_	774	565	633	466	574	493	17.19227	16.09348	16.96461	16.06603
protein_co	exosome_c	956	833	843	695	808	926	13.44537	15.02343	14.30508	15.17155
protein_co	zinc_finger_	78	67	64	56	55	43	1.627691	1.792922	1.611407	1.813827
protein_co	ninjurin_2	177	121	132	12	4	6	6.62902	5.811266	5.96483	0.69757
protein_co	myeloid/ly	318	238	277	174	174	136	2.201864	2.113244	2.314149	1.870007
protein_co	family_witl	3	6	7	15	22	4	0.055977	0.143565	0.157592	0.43442
protein_co	ribonucleo	3434	2688	2886	2123	2474	4313	43.83891	44.0046	44.45328	42.06684
protein_co	trafficking_	1961	1438	1562	1039	1334	1147	27.03656	25.42389	25.98381	22.23411
protein_co	ribosomal_	4032	2892	3161	4895	5556	4639	188.6832	173.5483	178.4782	355.546
protein_co	complemer	273	215	230	0	0	0	6.130735	6.191526	6.231976	0
protein_co	RNA_methy	330	277	268	397	426	559	8.553734	9.207271	8.381556	15.97213
protein_co	phosphatas	2063	1576	1728	748	852	850	10.71609	10.4979	10.83001	6.030718
protein_co	ribosomal_	5860	4484	4642	7475	8221	7812	50.61254	49.66329	48.37419	100.208
protein_co	prion_prot	24	12	15	0	0	2	0.282754	0.181296	0.213224	0
protein_co	ribonuclea	608	470	463	438	719	751	13.4477	13.33066	12.35588	15.03658
protein_co	prion_prot	3465	2647	2772	236	306	330	61.14938	59.90349	59.0242	6.464446
protein_co	Kruppel-lik	7	5	2	0	0	2	0.104832	0.096023	0.036139	0
protein_co	adrenocept	97	78	85	4	6	5	1.699041	1.752008	1.796383	0.108748
protein_co	FERM_dom	440	356	423	290	367	201	4.117264	4.271843	4.775781	4.211962
protein_co	aquaporin_	0	0	0	41	40	22	0	0	0	0.565789
processed_	MIR31_hos	140	113	136	0	2	1	8.811547	9.120358	10.32788	0
protein_co	cytochrom	2	1	2	0	1	0	0.032653	0.020937	0.039398	0
protein_co	talin_2	1079	824	908	692	845	749	4.258782	4.170619	4.324121	4.239362
protein_co	lectin_gala	0	1	1	0	0	0	0	0.020404	0.019198	0
protein_co	trans-golgi_	621	522	509	253	304	349	8.8292	9.517208	8.731635	5.583168
protein_co	F-box_and_	0	1	0	0	3	0	0	0.017399	0	0
protein_co	zinc_finger_	1542	1207	1163	1675	2055	1164	12.47488	12.52185	11.35219	21.03281
pseudogen	SLIT-ROBO_	113	124	122	68	72	50	5.468083	7.694628	7.123025	5.107354
protein_co	secretograr	1431	1345	1359	7	14	25	26.04799	31.39541	29.84709	0.197771
protein_co	ATP_syntha	412	285	342	284	308	318	11.12187	9.865856	11.13922	11.89952
protein_co	cytochrom	0	0	0	50	58	16	0	0	0	1.378405
protein_co	forkhead_b	0	0	0	385	485	947	0	0	0	16.75851
protein_co	peptidylpr	398	312	304	451	478	581	14.23511	14.31007	13.11896	25.03714
protein_co	leucine_ric	55	60	68	19	34	40	0.444264	0.621497	0.662728	0.238211
protein_co	zinc_finger_	27	10	10	72	71	56	0.632067	0.300199	0.282454	2.616149
protein_co	chromosor	47	30	39	52	43	45	1.909732	1.563166	1.911997	3.279506
protein_co	jumonji_d	1723	1368	1470	2104	1164	2311	9.322813	9.491987	9.596814	17.67006
protein_co	lactate_deh	3	3	6	1	2	3	0.084537	0.108407	0.203998	0.043738
protein_co	synaptopo	3681	2720	2968	92	144	77	24.43751	23.15631	23.77405	0.948003
protein_co	mal_T-cell_	0	0	0	0	1	1	0	0	0	0
protein_co	zinc_finger_	136	113	83	123	155	130	1.582785	1.68644	1.165492	2.22187
protein_co	RAB33B_m	211	157	180	193	228	167	2.16874	2.069351	2.232265	3.079023
protein_co	thimet_olig	1798	1325	1459	2012	2670	2556	28.31987	26.76251	27.72713	49.1881
protein_co	growth_ass	1345	1065	1213	284	290	447	33.17574	33.6866	36.09999	10.87294
protein_co	epoxide_hy	83	63	80	14	35	14	2.708331	2.636171	3.149645	0.709059
protein_co	laminin_be	5427	3927	4060	1180	1511	1067	44.84881	41.61609	40.4823	15.13574
protein_co	ubiquitin_s	1490	1125	1176	1690	2215	1927	14.80528	14.33482	14.09892	26.06439
protein_co	glutaminyl-	3989	3092	3354	4838	5351	4505	67.69608	67.28966	68.67689	127.4371
protein_co	ORM1-like_	1089	822	944	854	1082	1253	22.89831	22.16444	23.94945	27.87173
protein_co	small_EDR	0	0	1	0	0	0	0	0	0.02995	0
protein_co	Kruppel-lik	280	242	237	269	386	325	3.255444	3.608086	3.32467	4.854393
protein_co	leucine_ric	633	550	561	0	0	1	5.04528	5.621518	5.395012	0
protein_co	survival_of	136	100	128	189	193	273	4.114221	3.879342	4.672042	8.87444
protein_co	eukaryotic_	346	290	330	260	304	256	3.492025	3.753259	4.018493	4.072912
protein_co	testis_expr	0	0	0	9	8	1	0	0	0	0.823922
protein_co	MOB_kinas	1240	963	1011	197	274	163	17.14645	17.07608	16.86754	4.228139

protein_co	lysine-rich_	388	297	300	125	159	82	10.3784	10.18742	9.68206	5.189661
protein_co	NME/NM23	391	283	328	225	265	245	9.148701	8.491383	9.259863	8.171385
protein_co	cytochrom	2634	1928	2149	2720	3208	3969	30.13868	28.28947	29.66832	48.30675
protein_co	CD8b_mole	0	0	0	7	4	5	0	0	0	0.359533
protein_co	schlafen_fa	65	50	74	62	76	92	1.200414	1.184124	1.648912	1.777215
protein_co	calbindin_2	25	14	27	30	31	39	0.799625	0.574227	1.041977	1.489355
protein_co	solute_carr	28	11	20	7	6	5	0.314698	0.15854	0.271215	0.122114
protein_co	chemokine	8	9	6	0	0	0	0.347655	0.501546	0.3146	0
protein_co	FERM_dom	19	16	9	8	12	13	0.168191	0.181627	0.096126	0.109919
protein_co	syntrophin	830	613	651	243	342	253	7.536544	7.137793	7.132195	3.424766
protein_co	Mdm2_trar	181	157	124	145	165	152	2.514694	2.797149	2.078626	3.126836
protein_co	transcriptio	151	92	102	133	122	178	3.357227	2.623016	2.736226	4.589717
protein_co	mitochond	403	313	394	401	381	475	7.980016	7.9479	9.413323	12.32462
protein_co	mucosa_ass	1043	932	960	226	239	168	9.72292	11.14135	10.79771	3.270027
protein_co	interferon_	101	86	87	39	67	41	0.840591	0.917849	0.873637	0.503801
protein_co	membrane_	145	106	126	317	381	262	2.112163	1.980043	2.214512	7.167194
protein_co	inhibitor_c	383	259	296	52	108	168	7.661637	6.644035	7.144347	1.614569
protein_co	G_protein-	0	5	0	3	2	0	0	0.102401	0	0.074366
protein_co	chemokine	2	4	6	3	5	5	0.033433	0.085747	0.121017	0.077839
protein_co	CCAAT/enh	302	232	220	395	628	296	7.708647	7.593964	6.77551	15.64944
protein_co	azurocidin_	2	4	0	22	47	10	0.054746	0.140408	0	0.934708
protein_co	tryptase_al	0	0	0	1	1	3	0	0	0	0.053633
protein_co	atonal_hon	0	0	0	2	7	16	0	0	0	0.123356
protein_co	poly(A)_bin	1830	1437	1474	1189	1704	1525	30.84426	31.05914	29.97566	31.10539
protein_co	C-type_lect	8	5	6	1	2	2	0.100703	0.080711	0.091128	0.019538
protein_co	chromosor	61	66	55	64	134	58	1.140922	1.582994	1.241186	1.857961
protein_co	C1q_and_t	17	2	9	186	255	101	0.479045	0.072271	0.305997	8.135242
processed_	serine_hydr	27	17	14	21	36	28	0.739504	0.597083	0.46265	0.892743
protein_co	neuronal_g	626	478	481	104	124	99	5.053047	4.947847	4.684596	1.302995
protein_co	zinc_finger_	455	387	371	440	501	603	6.387712	6.967135	6.284285	9.587758
protein_co	MACRO_do	10	2	4	15	20	8	0.093893	0.024081	0.045315	0.218602
protein_co	dolichyl-ph	878	713	783	701	733	674	12.57466	13.09485	13.53043	15.58297
protein_co	basigin_(Ok	6140	4713	4831	10578	12654	8788	134.3466	132.2407	127.5391	359.2463
protein_co	histone_H4	285	241	230	410	461	427	3.833521	4.156994	3.73275	8.559873
protein_co	ceramide_s	611	446	480	201	292	228	3.971417	3.717478	3.764381	2.027826
protein_co	serine_palr	92	66	67	14	8	5	1.12634	1.036179	0.989702	0.266036
protein_co	coordinato	778	565	582	497	598	482	34.35069	31.98996	31.00466	34.05985
protein_co	TP53_regul	411	312	312	270	353	473	5.48273	5.337268	5.02178	5.590483
protein_co	UDP-Gal:be	18	20	12	45	66	88	0.389308	0.554703	0.313149	1.510651
protein_co	C-type_lect	4	2	2	0	0	0	0.111576	0.071541	0.067312	0
protein_co	23-bisphos	333	281	281	227	266	233	7.613055	8.238163	7.751203	8.055102
protein_co	processing_	883	636	641	1220	1487	1503	44.66439	41.2541	39.12071	95.78356
protein_co	ALG14_UDI	67	51	54	10	18	10	3.041269	2.968654	2.95748	0.704548
protein_co	succinate-C	857	812	713	816	986	689	17.08535	20.7591	17.15065	25.25014
protein_co	StAR-relate	209	136	135	32	32	18	2.01191	1.678845	1.567993	0.478126
protein_co	cold_shock	453	304	308	2	9	13	7.648966	6.582448	6.274849	0.052416
protein_co	regulator_c	73	73	52	84	96	69	1.028846	1.319349	0.884258	1.837542
protein_co	interleukin	51	33	33	2	1	2	0.287392	0.238467	0.224371	0.017493
protein_co	ATP-bindin	15	20	21	40	70	12	0.182736	0.312444	0.308674	0.75635
protein_co	guanine_nu	6362	4628	4893	3141	3517	2620	158.8468	148.1793	147.4036	121.726
protein_co	coiled-coil_	9	9	12	7	4	1	0.22799	0.292365	0.366778	0.275234
protein_co	family_witl	176	149	138	378	616	381	4.775835	5.184803	4.518183	15.92058
protein_co	PDZ_domai	1	1	0	5	6	0	0.015651	0.02007	0	0.121462
protein_co	C2CD2-like	243	202	225	69	76	56	1.921139	2.047921	2.146263	0.846705
protein_co	aryl-hydroc	473	320	350	292	338	294	3.315243	2.876164	2.959855	3.176637
protein_co	guanine_nu	3121	2543	2625	634	906	717	33.22973	34.72072	33.72178	10.47738
protein_co	protease_se	16	19	18	66	95	26	0.209623	0.319214	0.284537	1.342125
protein_co	myozenin_1	4	1	3	0	0	2	0.072222	0.023154	0.065355	0
protein_co	synaptopoc	978	790	838	4	5	23	6.286283	6.511657	6.499009	0.039907
protein_co	DnaJ_(Hsp4	2	0	3	3	2	5	0.036377	0	0.065837	0.084693
protein_co	cleavage_ar	284	261	267	391	461	561	5.468897	6.445124	6.203556	11.68661
protein_co	insulin-like	0	2	0	0	0	0	0	0.168195	0	0
protein_co	tetratricop	0	0	3	1	0	0	0	0	0.168213	0.072131
protein_co	radial_spok	38	17	20	22	21	13	0.689026	0.395285	0.437552	0.619163
protein_co	myeloma_c	1005	791	827	566	657	787	51.11114	51.58641	50.74614	44.67827

protein_co	GTP_bindir	1598	1262	1343	1067	1093	781	25.54731	25.87242	25.90552	26.47666
protein_co	FGGY_carb	141	84	95	142	166	106	2.66056	2.032556	2.162846	4.158846
protein_co	interleukin	476	342	351	90	152	61	11.99336	11.05018	10.67061	3.519711
pseudogen	protease_s	0	0	2	0	0	0	0	0	0.039275	0
protein_co	fucosyltran	0	0	0	34	37	21	0	0	0	0.911423
protein_co	transcriptic	126	98	106	33	37	16	4.919352	4.906511	4.993342	1.999778
protein_co	zinc_finger_	1613	1284	1348	1124	1346	1517	10.19458	10.40661	10.27952	11.02635
protein_co	mannosida	295	246	236	68	83	93	3.023509	3.233209	2.91843	1.081754
protein_co	RAB40A_m	18	20	20	13	27	25	0.27	0.384708	0.361967	0.302667
protein_co	chromosor	0	0	0	0	2	0	0	0	0	0
protein_co	AF4/FMR2_	1490	1193	1306	1570	1931	1823	7.440482	7.639494	7.868755	12.16872
protein_co	acyl-CoA_t	0	0	0	1	1	0	0	0	0	0.03489
protein_co	fibroblast_	1442	1096	1100	845	910	966	49.06778	47.82457	45.16187	44.62912
protein_co	carnosine_	34	28	33	35	49	7	0.31476	0.332406	0.368606	0.502921
protein_co	BTG3_assoc	504	324	394	517	583	331	9.693424	7.990998	9.143047	15.43362
protein_co	protein_ph	3731	2781	2938	2959	3734	3180	104.3212	99.71435	99.11678	128.4171
protein_co	host_cell_f	6692	4843	5379	5284	7299	8272	35.38031	32.83443	34.31273	43.36097
protein_co	cathepsin_	7	4	4	4	9	5	0.244765	0.179358	0.168756	0.217091
protein_co	NIPA-like_d	48	35	56	4	2	0	0.687453	0.642805	0.967693	0.088919
protein_co	mucin-like_	0	0	0	0	1	0	0	0	0	0
protein_co	syntrophin	7	8	6	156	160	133	0.173851	0.254787	0.179795	6.013585
protein_co	fibronectin	4	6	4	4	2	4	0.088264	0.169778	0.106495	0.136997
protein_co	phosphodi	125	90	96	61	84	49	0.773661	0.714319	0.716902	0.586004
protein_co	RAS_guanyl	11	14	14	70	81	42	0.102686	0.167593	0.157686	1.014252
protein_co	kelch-like_f	0	2	0	3	3	4	0	0.019095	0	0.034668
protein_co	coiled-coil-	531	421	418	523	786	753	20.71431	21.06044	19.67434	31.66708
protein_co	mitochond	951	855	857	792	893	838	22.07545	25.45098	24.00258	28.53545
protein_co	sphingomy	50	28	48	17	9	14	1.266613	0.909581	1.467112	0.668426
protein_co	Rho_family	8	3	14	40	59	55	0.175618	0.084452	0.370813	1.362918
protein_co	RAD9_hom	205	173	185	292	414	344	4.536316	4.909134	4.939343	10.02912
protein_co	EGF_contai	2863	2164	2276	143	156	82	58.95745	57.14575	56.55066	4.570712
protein_co	olfactory_r	0	0	0	1	5	2	0	0	0	0.06677
protein_co	ArfGAP_wit	3	4	2	5	5	5	0.057889	0.098979	0.046564	0.149753
protein_co	chromosor	3	0	2	0	0	1	0.053938	0	0.043386	0
protein_co	TAF15_RNA	4207	3487	3739	4076	5134	5215	90.03483	95.69722	96.54761	135.395
protein_co	family_witl	653	559	542	354	406	428	6.604655	7.250336	6.614306	5.557388
protein_co	transmemb	542	382	415	469	517	287	13.61972	12.30953	12.58244	18.29246
protein_co	zinc_finger_	2090	1678	1743	565	726	222	10.4189	10.72696	10.48385	4.37174
protein_co	zinc_finger_	112	89	87	146	174	111	1.608478	1.639066	1.507525	3.254472
protein_co	thymocyte_	0	1	0	1	1	0	0	0.014662	0	0.017747
protein_co	v-mos_Mol	0	0	0	2	3	0	0	0	0	0.139827
protein_co	zinc_finger_	249	189	216	875	1039	795	4.781169	4.65378	5.004222	26.07794
protein_co	membrane-	0	0	1	0	0	0	0	0	0.024641	0
protein_co	schlafen_fa	1370	1164	1220	28	28	17	12.77124	13.91473	13.72209	0.405136
protein_co	family_witl	1	1	0	2	0	1	0.021952	0.028151	0	0.068146
protein_co	coronin_ac	3204	2431	2458	1885	2437	1574	76.88619	74.80836	71.16816	70.20979
protein_co	fucosyltran	155	141	133	395	413	208	1.900118	2.216549	1.967201	7.515823
protein_co	leucine_ric	533	402	411	813	974	554	7.320556	7.08031	6.810935	17.33157
protein_co	MUS81_en	615	519	511	296	425	310	8.431977	9.12496	8.453241	6.299071
protein_co	purine-rich	134	106	106	98	136	59	2.185483	2.216959	2.085914	2.480842
protein_co	transmemb	4	7	3	8	4	12	0.12132	0.272257	0.109784	0.37661
protein_co	olfactory_r	0	0	0	1	0	0	0	0	0	0.077016
pseudogen	-	0	0	0	1	0	0	0	0	0	0.146438
protein_co	zinc_finger_	88	57	66	39	57	59	1.438745	1.195048	1.301947	0.989683
protein_co	collagen_ty	1	1	1	2	1	4	0.005082	0.006517	0.006132	0.015777
protein_co	cofilin_1_(	12560	9001	9735	6593	7886	7552	336.1522	308.9203	314.3622	273.8797
protein_co	transmemb	649	508	540	367	451	280	5.078708	5.097786	5.098594	4.457641
protein_co	N(alpha)-ac	342	283	293	362	478	422	3.68907	3.914592	3.813348	6.060798
protein_co	EF-hand_ca	7	3	2	5	8	5	0.058539	0.032172	0.02018	0.064901
protein_co	family_witl	1248	971	1039	968	1175	1049	20.54731	20.50071	20.63973	24.73695
protein_co	RAB43_me	117	78	95	87	163	55	1.228147	1.049949	1.203195	1.417471
protein_co	fatty_acid_	0	0	0	10	12	1	0	0	0	0.34657
protein_co	COBW_dor	165	136	157	137	157	227	2.118525	2.239226	2.432189	2.730239
protein_co	homeobox_	49	29	43	0	0	3	1.272915	0.966074	1.347782	0
protein_co	RAB37_me	1	1	1	130	172	53	0.012327	0.015807	0.014873	2.487217

protein_co	DCP2_deca	900	724	819	2174	2525	1958	4.716778	4.865762	5.178869	17.68451
protein_co	sorting_ne	27	28	23	10	33	6	0.524019	0.696868	0.538591	0.301241
protein_co	ribosomal_	4532	3358	3600	6225	6034	5300	86.73696	82.41463	83.13135	184.9201
protein_co	cytochrom	0	4	3	4	5	8	0	0.109228	0.077078	0.132207
protein_co	ovo-like_1(	0	0	0	132	224	97	0	0	0	3.166425
protein_co	retinoic_ac	1077	910	961	1014	1226	643	17.06676	18.4921	18.37413	24.94043
protein_co	carboxylest	23	23	35	1	4	8	0.315434	0.4045	0.579158	0.021287
protein_co	carboxylest	3	0	2	42	60	40	0.03669	0	0.029513	0.797275
protein_co	slingshot_p	344	269	263	611	781	406	5.394704	5.409671	4.976374	14.87239
protein_co	carboxylest	1113	813	841	412	533	350	13.28968	12.44857	12.11612	7.635671
protein_co	pyruvate_d	221	212	208	329	427	214	2.589379	3.185287	2.940456	5.983147
protein_co	Sp3_transc	1246	986	1123	922	978	1180	9.187759	9.323475	9.99124	10.55244
protein_co	Dmx-like_1	632	539	579	503	519	509	2.676526	2.9272	2.958564	3.30638
protein_co	methionyl_	217	165	201	49	65	110	2.976055	2.901847	3.326024	1.043057
protein_co	zinc_finger	671	514	512	381	490	427	4.933083	4.845832	4.541652	4.347617
protein_co	EGF-like-do	542	381	382	1040	1244	759	11.95971	10.78092	10.17028	35.61929
protein_co	NAD_synth	1054	725	894	578	623	539	13.66761	12.05589	13.98742	11.6335
protein_co	7-dehydroc	6741	5207	5630	2585	2853	4710	118.5617	117.4403	119.4749	70.56856
pseudogen	-	0	0	0	1	3	0	0	0	0	0.033663
protein_co	Aminopept	3	1	3	3	0	0	0.030707	0.013126	0.03705	0.047662
pseudogen	cytochrom	0	0	1	0	0	2	0	0	0.217598	0
protein_co	neurobeacl	419	340	359	418	419	432	1.766968	1.838666	1.826658	2.736034
protein_co	ribonuclea	495	381	359	260	276	341	8.307287	8.199518	7.269365	6.772637
protein_co	myeloma_c	23	36	40	17	14	7	0.436982	0.877096	0.916945	0.50132
protein_co	ankyrin_rep	1101	755	861	399	573	281	17.91944	15.75772	16.90785	10.07954
protein_co	MAS-relate	56	39	49	67	100	58	1.144157	1.021814	1.20793	2.124726
protein_co	myeloid_di	1097	868	906	399	428	561	15.52153	15.74914	15.46693	8.762565
protein_co	MAS-relate	0	0	0	1	0	0	0	0	0	0.075341
protein_co	oxidative-s	1330	1086	1245	1271	1467	1201	13.69728	14.3424	15.47035	20.31696
protein_co	solute_carr	5	3	5	6	2	3	0.091761	0.070603	0.110715	0.170911
protein_co	PHD_finger	759	572	666	770	859	836	5.870921	5.673745	6.215653	9.244547
protein_co	lysocardiol	190	138	145	146	185	177	1.760692	1.639904	1.621235	2.099971
protein_co	alcohol_de	2	4	2	3	7	13	0.028103	0.072076	0.033908	0.06543
processed_	-	513	454	505	7	10	16	15.15726	17.20159	18.00292	0.32102
protein_co	FSHD_regic	3	5	6	3	2	4	0.067695	0.144682	0.163356	0.105072
pseudogen	unc-93_ho	5	11	4	0	3	0	0.341267	0.962777	0.329406	0
pseudogen	-	19	20	39	39	53	44	0.707072	0.954441	1.751147	2.252708
protein_co	K(lysine)_ac	332	262	259	286	343	406	6.780264	6.861501	6.381993	9.065777
protein_co	SH3_doma	1553	1149	1452	30	44	41	23.28011	22.08732	26.26203	0.698016
protein_co	glucoside_x	959	738	773	96	99	48	13.79372	13.61221	13.41499	2.143209
protein_co	heparanase	2	1	1	4	1	3	0.040863	0.0262	0.024652	0.126849
protein_co	dephospho	820	593	615	998	1312	718	18.80187	17.43617	17.01415	35.51797
protein_co	cAMP-regul	18	9	15	0	0	0	0.245855	0.157637	0.247199	0
protein_co	transcriptic	596	466	498	420	461	415	7.319657	7.339048	7.379414	8.006159
protein_co	coiled-coil_	70	52	44	2	4	11	1.526652	1.454302	1.157824	0.067702
protein_co	adrenergic_	2971	2332	2344	2342	3093	2048	31.00606	31.20914	29.51546	37.93686
protein_co	v-rel_reticu	1969	1407	1562	490	548	423	29.00611	26.57952	27.76341	11.20393
protein_co	Ellis_van_C	305	211	285	160	171	116	2.96219	2.627876	3.339689	2.411924
protein_co	zinc_finger	85	60	78	222	204	229	1.318879	1.193841	1.460255	5.346498
protein_co	HECT_dom	2047	1450	1622	917	1231	786	6.230696	5.659734	5.956863	4.3323
protein_co	family_witl	590	430	482	2166	2685	1906	6.591639	6.160546	6.497354	37.56041
protein_co	basonuclin	2419	1839	1938	586	656	462	8.831124	8.609366	8.536541	3.320536
protein_co	deleted_in_	3	4	2	4	9	6	0.052963	0.090557	0.042602	0.109608
protein_co	relaxin/insu	7	7	3	2	1	1	0.286414	0.367285	0.148103	0.127015
protein_co	heparanase	23	16	15	40	41	18	0.231829	0.206809	0.182423	0.625794
protein_co	coenzyme_	217	179	177	201	253	269	6.200569	6.558948	6.102294	8.914528
protein_co	chromosor	2	1	2	2	0	3	0.075568	0.048453	0.091177	0.117292
protein_co	coiled-coil_	0	0	0	13	14	6	0	0	0	0.47473
protein_co	heat_shock	12	3	3	1	0	0	0.212653	0.068174	0.064145	0.027506
protein_co	tRNA_meth	2240	1691	1722	2502	3216	2161	94.96712	91.93444	88.08591	164.6429
protein_co	leucine_ric	301	197	209	4	1	11	3.788965	3.180019	3.174304	0.078153
protein_co	lysine_(K)-s	2453	1930	2087	1343	1511	1877	17.66568	17.82376	18.1344	15.01202
protein_co	chromosor	0	0	0	6	15	12	0	0	0	0.189284
protein_co	aarF_doma	278	196	186	172	254	137	6.430895	5.814228	5.191438	6.175691
protein_co	mitochond	635	501	483	651	860	796	13.25697	13.41275	12.1665	21.09512

protein_co	nucleolar_(	322	286	313	298	297	372	4.370068	4.977459	5.125364	6.27739
protein_co	estrogen-re	813	517	630	1033	1615	991	16.69802	13.61678	15.61216	32.93103
protein_co	ras_homol(	527	359	391	199	271	135	21.88755	19.1201	19.59347	12.82833
protein_co	ADAM_met	214	184	200	126	109	98	1.651492	1.820915	1.862262	1.509259
protein_co	copper_me	475	376	410	227	237	208	24.44869	24.81757	25.46208	18.13503
protein_co	Ras_associa	646	492	549	218	285	185	3.088392	3.016299	3.166798	1.617659
protein_co	metaxin_1	477	383	435	382	506	421	8.672562	8.929706	9.542592	10.7801
protein_co	adenylate_(	47	34	35	434	608	554	0.30144	0.279635	0.270844	4.320399
protein_co	poly_(ADP-	663	599	627	425	486	362	3.684732	4.269023	4.204438	3.666163
protein_co	cysteinyl_le	0	0	0	0	0	3	0	0	0	0
protein_co	poly_(ADP-	2	0	2	3	5	10	0.021126	0	0.02549	0.049187
protein_co	CDC28_prc	1307	1015	1140	2625	2979	2417	52.56025	52.34283	55.31396	163.8482
protein_co	ATP-bindin	0	0	1	0	1	1	0	0	0.009069	0
protein_co	AHA1_activ	570	502	502	385	537	293	9.146923	10.33031	9.71968	9.589399
protein_co	actin_bindi	66	65	71	4	8	5	0.677334	0.855425	0.879155	0.063716
protein_co	mab-21-like	0	1	0	0	0	0	0	0.018622	0	0
protein_co	Tubulin_be	0	0	1	28	35	4	0	0	0.029299	1.055326
protein_co	KIAA1919	278	214	232	142	194	245	2.187886	2.159748	2.203007	1.734597
protein_co	VANGL_pla	928	750	800	498	604	512	5.006781	5.188971	5.207733	4.17033
protein_co	glutaredoxi	1090	887	857	184	257	194	15.0015	15.65457	14.23106	3.930579
protein_co	IQ_motif_c	575	478	490	823	950	791	10.39389	11.0802	10.68697	23.09089
protein_co	synaptotag	60	41	50	420	647	185	0.466722	0.408978	0.469273	5.070922
protein_co	golgin_B1	3479	2994	3332	1262	505	1065	14.56781	16.07685	16.83422	8.202189
pseudogen	telomeric_	0	0	0	1	0	1	0	0	0	0.061626
protein_co	chromosor	0	0	0	0	2	0	0	0	0	0
protein_co	lipase_fami	0	1	1	0	2	0	0	0.041412	0.038964	0
protein_co	G_protein-(	0	1	0	0	0	1	0	0.019472	0	0
protein_co	doublesex_	95	74	90	1	0	1	1.81153	1.809518	2.070677	0.029597
protein_co	zinc_finger_	13	24	13	238	259	167	0.166777	0.394833	0.201226	4.73915
protein_co	PLAC8-like_	5	2	4	9	8	0	0.367477	0.188495	0.354705	1.026674
protein_co	solute_carr	0	2	1	37	33	29	0	0.029154	0.013715	0.652813
protein_co	G_protein-(	680	430	475	599	725	535	17.30071	14.0292	14.58132	23.65442
protein_co	synuclein_g	7	9	2	47	54	40	0.413388	0.681572	0.142508	4.308124
protein_co	multimerin	8	6	6	26	49	34	0.090894	0.087419	0.082252	0.458511
protein_co	mitotic_spi	1355	1065	1040	1117	1572	1107	22.48265	22.66038	20.82043	28.76682
protein_co	tankyrase_1	2353	1863	2048	1305	1357	920	11.46904	11.64468	12.04435	9.872936
protein_co	zinc_finger_	154	148	176	54	80	73	1.913878	2.358656	2.639091	1.04164
protein_co	zinc_finger_	243	203	225	352	381	218	1.529638	1.638656	1.708886	3.439185
protein_co	protein_ph	540	438	404	393	575	554	4.563917	4.747089	4.119774	5.155455
pseudogen	family_witl	12	12	13	86	90	70	0.198897	0.255057	0.259979	2.212465
protein_co	storkhead_	30	27	40	1191	1437	1683	0.13451	0.15524	0.216391	8.288463
protein_co	mitogen-ac	1561	1127	1265	1527	2228	1217	13.05893	12.09033	12.7686	19.82779
protein_co	tribbles_ho	1476	1077	1159	923	961	1096	19.0398	17.81562	18.03879	18.48026
protein_co	potassium_	4	2	1	9	20	9	0.12	0.076942	0.036197	0.419078
protein_co	complemer	0	1	0	0	0	0	0	0.04795	0	0
protein_co	complemer	0	1	1	0	0	0	0	0.052607	0.049497	0
protein_co	neuron-der	31	31	36	48	66	27	0.503844	0.646109	0.705968	1.210894
protein_co	IQ_motif_c	1	3	1	0	4	0	0.06294	0.242133	0.07594	0
protein_co	GLI_pathog	5	6	3	2	4	6	0.207111	0.318709	0.149935	0.128586
protein_co	dystroglyca	3061	2510	2369	3711	4380	3877	24.63617	25.90556	23.00504	46.35871
protein_co	insulinoma	0	0	0	241	296	190	0	0	0	6.206628
protein_co	Dab_reelin_	21	21	33	245	251	308	0.185861	0.23834	0.352396	3.365619
protein_co	ARV1_hom	154	124	146	102	129	186	5.409036	5.58509	6.187284	5.560704
protein_co	N(alpha)-ac	902	756	783	317	467	471	26.36833	28.34048	27.61759	14.38354
protein_co	coiled-coil_	2	1	0	2	2	0	0.032986	0.02115	0	0.051199
protein_co	serum_amy	2	5	4	0	0	1	0.138933	0.445406	0.335262	0
protein_co	mitochond	57	45	53	36	51	66	0.720025	0.728944	0.807786	0.705839
protein_co	EH_domair	1979	1589	1642	120	233	112	17.89688	18.42743	17.91649	1.684393
protein_co	THAP_dom	136	97	107	66	93	36	1.115062	1.019862	1.058503	0.839914
protein_co	transmemb	31	26	28	1	1	0	0.358557	0.385638	0.390753	0.017953
protein_co	ring_finger_	1228	993	1047	2107	2264	1861	20.66055	21.42407	21.25388	55.02226
protein_co	protein_ph	5955	4624	4871	5648	7653	6454	284.3483	283.1366	280.6306	418.595
protein_co	Sjogren_syı	459	376	356	519	678	639	19.98377	20.99239	18.70091	35.07216
protein_co	SWI/SNF_re	5289	4192	4363	7068	7903	7869	38.90216	39.53947	38.71983	80.69139
protein_co	zinc_finger_	164	140	158	154	192	217	2.137882	2.340331	2.485107	3.115955

protein_co	protein_tyr	1044	855	908	361	403	262	8.031695	8.434943	8.428311	4.310666
protein_co	FK506_bin	992	777	850	693	1048	762	46.42205	46.6276	47.99319	50.33573
protein_co	vascular_er	1557	1197	1214	350	353	284	53.13519	52.38382	49.98738	18.53925
protein_co	Homo_sapi	2383	1996	2199	1341	1403	755	9.538106	10.24491	10.61968	8.331004
protein_co	tumor_nec	4067	3337	3455	203	225	147	53.90099	56.71372	55.24827	4.17589
protein_co	macrophag	55	36	30	93	121	38	0.621135	0.521357	0.408783	1.630183
protein_co	tumor_nec	35	25	21	111	123	28	0.955268	0.874997	0.691552	4.702304
protein_co	MOB_kinas	1018	792	843	494	631	568	6.855384	6.839408	6.849512	5.163467
protein_co	zinc_finger	801	611	654	643	777	801	22.10648	21.62408	21.77774	27.54409
protein_co	chondroiti	7803	5720	6249	268	375	175	44.13544	41.48883	42.6466	2.352833
protein_co	sorting_ne	1009	779	807	674	932	832	5.908095	5.84929	5.701353	6.125573
protein_co	nucleic_aci	101	97	103	15	40	49	1.398256	1.722052	1.720483	0.32232
protein_co	nudix_(nuc	155	130	151	55	57	40	4.138925	4.451522	4.864978	2.27955
protein_co	G_protein-	8	4	9	71	63	70	0.0935	0.05995	0.126914	1.287978
protein_co	chromodor	3243	2617	2825	2264	2712	2178	15.42704	15.96426	16.21445	16.71639
protein_co	coiled-coil_	837	639	646	561	616	397	18.15307	17.77194	16.90461	18.88505
protein_co	chemokine	0	2	0	3	2	0	0	0.046848	0	0.085056
protein_co	coiled-coil_	254	216	211	161	202	160	3.741773	4.080439	3.750371	3.681291
protein_co	sulfotransf	1	3	2	0	0	0	0.032813	0.126235	0.079182	0
protein_co	nudix_(nuc	1708	1231	1451	1114	1588	958	16.49601	15.24609	16.90856	16.69963
protein_co	pyruvate_c	612	464	487	345	452	381	6.845585	6.655588	6.572584	5.98975
protein_co	UDP_glucu	0	0	0	0	0	1	0	0	0	0
protein_co	suppressor	112	97	84	134	178	85	2.030813	2.255449	1.837719	3.771266
protein_co	G_protein-	0	0	0	10	4	2	0	0	0	0.254475
protein_co	nicotinami	159	154	143	37	51	31	1.971836	2.449085	2.139724	0.712206
protein_co	leucine_ric	1013	737	810	742	1243	745	19.53911	18.2294	18.85074	22.21416
protein_co	BET3_like_(	1	0	0	0	0	0	0.019368	0	0	0
protein_co	apolipopro	0	1	0	1	1	1	0	0.022708	0	0.027485
protein_co	solute_carr	708	546	528	602	805	761	8.711134	8.614765	7.838328	11.49657
protein_co	heat_shock	32	28	45	7	9	5	0.518838	0.58217	0.880324	0.176161
protein_co	RCE1_hom	269	231	248	439	496	594	4.63899	5.108489	5.160252	11.75077
protein_co	ubiquinol-(	1903	1626	1651	3319	3960	3439	129.886	142.3159	135.9624	351.6101
protein_co	taste_recep	0	1	0	3	7	1	0	0.020792	0	0.075498
protein_co	hairy_and_	0	0	0	966	1664	1669	0	0	0	100.8684
protein_co	eukaryotic_	1106	820	890	1596	1827	2474	11.71456	11.13766	11.37389	26.23821
protein_co	Putative_sp	17	11	14	7	3	8	0.457595	0.379694	0.454683	0.292456
protein_co	chromosor	109	109	108	81	112	78	0.782937	1.004005	0.935992	0.903058
protein_co	proteasom	3024	2544	2588	2914	3289	3533	42.63241	45.99224	44.02207	63.76438
protein_co	G_protein-	944	693	724	175	192	153	7.647577	7.199369	7.076825	2.200495
protein_co	mucin_13_	0	0	1	0	0	0	0	0	0.019672	0
protein_co	sushi_dom	281	190	187	19	12	46	2.632586	2.28265	2.11381	0.276287
protein_co	heart_deve	1155	861	993	253	346	486	5.915025	5.654407	6.13581	2.011063
protein_co	WAP_follis	0	1	1	0	0	0	0	0.016759	0.015768	0
protein_co	chromosor	213	186	164	146	196	145	4.299429	4.814525	3.994138	4.574193
protein_co	translocase	3192	2725	2661	5418	6218	4648	44.19041	48.37723	44.4486	116.4219
protein_co	Uncharacte	3	0	3	3	0	0	0.202987	0	0.244916	0.315064
protein_co	chromosor	0	1	1	0	1	1	0	0.071498	0.067272	0
protein_co	ArfGAP_wit	918	693	795	914	1294	1049	10.44275	10.10916	10.91158	16.13798
protein_co	signal_tran	953	833	859	1524	1760	1130	8.756846	9.815426	9.523488	21.73553
protein_co	CD7_molec	0	0	1	2	3	5	0	0	0.027994	0.072024
protein_co	testis_and_	1	0	0	2	0	1	0.008791	0	0	0.027289
protein_co	2'3'-cyclic_	3018	2246	2451	1367	1712	1453	53.20078	50.77125	52.13029	37.40225
protein_co	junction_p	3731	2685	2957	3906	4282	4090	50.02764	46.16772	47.83922	81.29194
protein_co	huntingtin-	12	7	12	167	214	140	0.099011	0.074065	0.119463	2.138699
protein_co	tudor_dom	2	0	0	41	53	29	0.023838	0	0	0.758508
antisense	CCDC13_ar	0	0	0	0	0	1	0	0	0	0
protein_co	eukaryotic_	6048	4865	5078	3777	4236	4907	121.7128	125.55	123.3006	117.9782
protein_co	endonuclea	462	321	391	150	180	120	7.695626	6.856719	7.858267	3.878142
protein_co	ring_finger_	3765	3056	3432	2031	2793	1645	8.38475	8.727459	9.221901	7.02046
protein_co	tigger_tran	10	6	7	31	48	19	0.233052	0.179314	0.196833	1.121359
protein_co	potassium_	0	2	0	74	101	34	0	0.031473	0	1.409502
protein_co	membrane-	2	0	1	5	5	6	0.028095	0	0.016949	0.109017
protein_co	polo-like_k	494	381	447	159	173	126	9.295212	9.193199	10.14817	4.643655
protein_co	neuroepith	4407	3575	3850	815	975	960	60.74201	63.18754	64.02578	17.43549
protein_co	dpy-19-like	1228	991	1054	281	344	310	11.8236	12.23586	12.24447	4.199409

protein_co	HCG16436	0	0	0	3	6	2	0	0	0	0.20637
processed_	-	7	0	2	1	4	3	0.54888	0	0.189216	0.121705
protein_co	phosphatas	9	7	11	11	14	12	0.194206	0.193699	0.286392	0.368421
protein_co	zinc_finger	433	316	372	333	428	356	4.458361	4.172379	4.621451	5.321843
protein_co	tubulin_be	12	8	8	57	81	12	0.285915	0.24443	0.229982	2.107952
protein_co	polyhomec	389	359	385	211	219	183	3.626286	4.29157	4.330332	3.05299
protein_co	G_protein-	2	4	2	583	727	477	0.045993	0.117959	0.055493	20.80953
protein_co	chromobo	1053	744	761	4510	5708	5101	10.63204	9.633197	9.270878	70.67978
protein_co	spectrin_be	2944	2183	2449	2138	3012	2335	16.98379	16.14953	17.04643	19.1441
protein_co	golgi_integ	4641	3660	3968	758	955	754	49.76368	50.32588	51.33583	12.61539
protein_co	RNA_bindi	435	361	417	221	219	402	8.720461	9.2804	10.08636	6.876587
protein_co	up-regulate	900	593	717	665	856	736	53.48671	45.19261	51.41272	61.34166
protein_co	homeobox_	1102	791	747	81	105	55	19.48446	17.93464	15.93586	2.222912
protein_co	C1q_and_t	110	84	100	42	54	45	1.663839	1.629324	1.825016	0.986049
protein_co	membrane-	120	76	97	169	208	129	1.340992	1.0891	1.30787	2.931312
protein_co	SWIM-type	15	18	20	43	34	52	0.417666	0.642718	0.671918	1.858392
protein_co	solute_carr	65	42	62	88	95	257	0.571401	0.473463	0.657608	1.200717
protein_co	RNA_bindi	88	67	101	45	77	134	1.777821	1.735759	2.461924	1.411069
protein_co	primary_cil	1	2	1	59	63	46	0.012424	0.031865	0.014991	1.137787
protein_co	xyloside_xy	1174	918	967	418	509	531	20.18661	20.24171	20.06179	11.15583
protein_co	UBX_doma	656	493	522	324	509	456	5.070862	4.886909	4.868515	3.887348
protein_co	retina_and_	0	0	0	1	3	1	0	0	0	0.029975
protein_co	leucine_ric	0	0	1	0	0	0	0	0	0.024313	0
protein_co	titin-cap	27	14	13	53	40	36	0.59634	0.396522	0.346435	1.816924
protein_co	copper_cha	685	573	613	466	554	370	22.4613	24.09397	24.2523	23.71705
protein_co	leucine_ric	10	12	7	167	221	137	0.182878	0.281419	0.154457	4.740338
protein_co	centrosom	40	39	52	16	36	30	0.852158	1.065453	1.336632	0.529067
protein_co	kelch-like_f	208	160	175	234	240	224	1.555026	1.533923	1.578558	2.715318
protein_co	F-box_prot	490	419	440	451	594	607	3.894916	4.270959	4.219905	5.56428
protein_co	spermatid_	0	0	0	6	10	0	0	0	0	0.237068
protein_co	family_witl	0	1	0	0	4	1	0	0.019359	0	0
protein_co	guanine_nu	1725	1314	1359	961	1179	1070	87.91878	85.88103	83.57186	76.02325
pseudogen	family_witl	155	116	147	53	61	87	10.67247	10.24237	12.21233	5.664214
protein_co	solute_carr	192	153	189	78	101	58	1.490297	1.522903	1.770033	0.939716
protein_co	chromosor	15	7	15	5	10	8	0.206322	0.12347	0.248939	0.106747
protein_co	CD34_mole	8	1	4	5	2	5	0.130522	0.020922	0.078741	0.126618
protein_co	cathepsin_	0	0	1	83	122	69	0	0	0.027801	2.968414
processed_	phosphoin	5	3	2	1	2	0	0.069139	0.053197	0.033368	0.021463
protein_co	TBC1_dom	134	122	114	97	150	96	1.232496	1.438963	1.265125	1.384786
protein_co	methionine	1273	1009	1046	4	0	11	13.51392	13.73579	13.39778	0.065909
protein_co	mitochond	602	512	496	1069	986	1020	16.55589	18.05657	16.45833	45.63144
protein_co	LEM_doma	810	584	690	590	794	837	7.972484	7.371075	8.194185	9.013451
protein_co	chromosor	183	148	142	192	234	166	8.01202	8.309253	7.501141	13.04736
protein_co	suppressor_	233	187	187	285	447	168	5.326852	5.482336	5.158274	10.11323
protein_co	toll-like_re	6	3	3	0	0	0	0.09882	0.063361	0.059616	0
protein_co	toll-like_re	31	38	36	0	3	1	0.247251	0.38866	0.34644	0
protein_co	family_witl	206	210	194	46	86	81	7.12341	9.312137	8.094136	2.468931
protein_co	RGM_dom	1391	1052	1122	365	424	419	14.24105	13.81147	13.85976	5.800137
protein_co	family_witl	33	28	30	53	64	25	0.552238	0.600869	0.605733	1.376634
protein_co	KIAA1239	2	0	0	1	2	6	0.011265	0	0	0.008742
protein_co	cytochrom	279	246	252	119	148	161	2.576781	2.913518	2.80816	1.705889
protein_co	zinc_finger_	380	276	361	252	269	138	9.179911	8.550141	10.52229	9.449
processed_	-	68	51	60	5	5	2	1.09949	1.057455	1.170528	0.125482
protein_co	tRNA_meth	303	255	206	424	333	610	7.810707	8.429411	6.407122	16.96462
protein_co	selectin_P_	0	0	0	0	0	1	0	0	0	0
protein_co	cytosolic_t	665	516	532	539	737	591	16.36843	16.28713	15.79956	20.59229
protein_co	ArfGAP_wit	32	43	38	14	32	21	0.535312	0.922434	0.766989	0.36351
protein_co	MGA_MAX_	1092	900	891	721	777	752	4.252109	4.494006	4.18608	4.357601
protein_co	chromosor	76	59	81	210	236	90	1.320846	1.314921	1.698523	5.664847
protein_co	ADP-ribosy	2	4	4	2	5	1	0.061094	0.15669	0.147428	0.094827
protein_co	sorting_ne	1	0	0	2	0	0	0.019131	0	0	0.059388
protein_co	phosphatid	1023	770	836	514	623	816	13.63128	13.15713	13.4405	10.63053
protein_co	PRP8_pre-r	9742	7650	8573	8785	10219	9171	61.35696	61.78549	65.14732	85.87919
protein_co	adenylate_	1809	1442	1529	141	217	95	13.12253	13.41386	13.38242	1.587554
protein_co	RAB15_effe	2	2	1	0	0	0	0.082335	0.105583	0.049671	0

protein_co	phosphatid	1947	1470	1625	1277	1605	1363	23.33713	22.59479	23.50082	23.75762
protein_co	DEAD_(Asp-	2492	1956	1996	1981	2248	2674	41.26057	41.53033	39.87454	50.90988
protein_co	zinc_finger_	0	0	0	0	0	1	0	0	0	0
protein_co	zinc_finger_	103	96	86	115	179	170	3.726599	4.454059	3.754239	6.458084
protein_co	even-skippe	5	5	1	0	0	0	0.055782	0.071532	0.013461	0
protein_co	zinc_finger_	1876	1543	1545	665	1062	387	14.76925	15.57762	14.67582	8.126019
protein_co	tyrosine_ki	25	13	21	239	271	139	0.375481	0.25038	0.380553	5.571548
protein_co	zinc_finger-	720	635	646	102	131	106	3.365983	3.806822	3.643846	0.740134
protein_co	pleckstrin_	1577	1103	1256	1127	1680	502	48.29886	43.32016	46.41335	53.57468
protein_co	solute_carr	23	21	17	13	20	8	0.598153	0.700347	0.533435	0.524757
protein_co	solute_carr	272	205	217	60	106	80	7.296387	7.051835	7.023389	2.498163
protein_co	GLIS_family	74	56	66	3	1	0	1.233948	1.197464	1.327875	0.077646
protein_co	cholinergic	78	73	57	15	19	34	1.606951	1.928592	1.416873	0.479656
protein_co	podocan	77	73	74	7	9	3	1.098428	1.335405	1.27368	0.154992
protein_co	stromal_an	59	61	51	18	47	47	1.294577	1.716386	1.350188	0.613026
protein_co	solute_carr	0	0	0	1	2	0	0	0	0	0.014066
processed_	small_nucl	115	66	68	103	122	140	2.033315	1.496443	1.450654	2.826666
pseudogen	postmeioti	0	0	0	0	4	1	0	0	0	0
protein_co	chromosor	22	14	31	24	32	30	0.284652	0.232289	0.483952	0.481985
protein_co	exonucleas	255	203	211	515	560	640	3.442832	3.514641	3.43721	10.79228
protein_co	Ral_GTPase	385	307	326	260	320	227	2.255454	2.306328	2.3043	2.364161
protein_co	Williams-B	837	600	707	703	944	923	16.73644	15.38502	17.05709	21.81842
antisense	C20orf166_	1	1	2	6	8	9	0.018139	0.023261	0.043772	0.168928
protein_co	ligase_IV_D	265	210	229	70	81	99	3.02848	3.077567	3.157638	1.241673
protein_co	chromosor	0	0	0	0	0	1	0	0	0	0
protein_co	thyrotropir	0	1	5	3	3	1	0	0.036223	0.170408	0.13153
protein_co	GTF2I_repe	61	38	67	19	22	48	0.806852	0.644551	1.069269	0.390075
protein_co	actin-bindi	2	1	1	0	0	0	0.03404	0.021826	0.020536	0
protein_co	ATPase_Ca+	6731	5315	5894	4145	5242	5338	38.3542	38.83702	40.52206	36.65965
protein_co	zwilch_kine	457	374	370	456	523	683	5.937583	6.23124	5.800204	9.195785
protein_co	ribosomal_	25919	21070	21792	34567	34850	32437	439.2275	457.8731	445.5704	909.2083
protein_co	small_nucl	201	197	180	229	231	234	5.413494	6.803888	5.849277	9.572989
protein_co	StAR-relate	0	2	1	5	1	0	0	0.105956	0.049846	0.320616
protein_co	golgin_A6_	1	0	0	0	0	0	0.015475	0	0	0
protein_co	von_Willeb	0	0	0	1	0	0	0	0	0	0.015787
protein_co	chromosor	75	71	64	216	221	70	1.595622	1.937031	1.642846	7.132685
protein_co	zinc_finger_	20	9	13	8	10	11	0.42035	0.242568	0.329665	0.260976
protein_co	contactin_	23	11	19	1723	2270	2236	0.109002	0.066851	0.108645	12.67431
protein_co	UDP-N-acet	19	11	8	2	5	5	0.227157	0.168646	0.115401	0.037114
protein_co	leucine_ric	39	21	29	52	44	25	0.600759	0.414824	0.538991	1.243282
protein_co	Bardet-Biec	9	9	8	11	13	7	0.117716	0.150953	0.126249	0.223313
protein_co	DENN/MAD	278	241	218	46	43	37	1.817544	2.020536	1.719668	0.466797
protein_co	immunoglo	46	32	40	2934	4101	2912	0.481567	0.429594	0.505251	47.67491
protein_co	germinal_c	24	17	15	33	54	41	0.337338	0.306417	0.254386	0.719944
protein_co	ankyrin_rep	285	207	234	34	27	28	2.461985	2.293085	2.438959	0.455879
protein_co	solute_carr	3	1	2	2	2	0	0.029312	0.01253	0.023578	0.030331
protein_co	major_facil	21	24	27	19	25	13	0.240462	0.352409	0.373025	0.337684
protein_co	pellino_E3_	145	108	107	106	171	139	2.443066	2.33346	2.175199	2.772066
protein_co	tetratricop	2	2	4	3	5	8	0.04037	0.051769	0.097418	0.09399
protein_co	myosin_IH	3	7	11	8	10	13	0.032234	0.09645	0.142606	0.133419
protein_co	transmemb	43	36	32	54	109	48	1.452645	1.559562	1.304334	2.831491
protein_co	mitochond	660	462	495	1294	1407	1616	14.00969	12.57581	12.67763	42.63335
protein_co	kallikrein-r	0	0	0	0	0	1	0	0	0	0
protein_co	interleukin	6	6	9	24	33	20	0.13744	0.176248	0.248744	0.853305
protein_co	golgi_trans	0	0	0	60	54	39	0	0	0	4.9454
pseudogen	-	1	1	0	0	1	0	0.069985	0.089746	0	0
protein_co	akirin_1	1950	1443	1635	3311	4064	5191	33.35846	31.65534	33.74715	87.9146
protein_co	neuronal_P	1	0	0	0	4	3	0.014196	0	0	0
protein_co	male-specif	526	441	450	581	668	572	5.256639	5.651586	5.426039	9.012162
protein_co	zinc_finger_	86	58	55	29	71	32	1.162786	1.005631	0.897247	0.608597
protein_co	Kruppel-lik	52	42	23	2	0	0	1.63863	1.697212	0.874487	0.097822
protein_co	translocati	73	57	54	37	39	33	1.69538	1.697572	1.513164	1.333756
protein_co	chemokine	111	76	105	29	23	4	0.985196	0.865013	1.124442	0.399511
protein_co	angel_hom	445	344	390	351	478	536	4.488289	4.449269	4.746063	5.494883
protein_co	UDP_glyco-	5	5	5	669	832	777	0.057407	0.073616	0.069265	11.92206

protein_co	kyphoscoli	0	0	0	1	2	1	0	0	0	0.018001
protein_co	IQ_motif_c	99	64	93	39	59	64	1.785428	1.480118	2.023662	1.091697
protein_co	solute_carr	19	11	9	67	58	74	0.210966	0.156625	0.120573	1.154688
protein_co	zinc_finger	301	255	260	307	336	294	3.206975	3.484003	3.342338	5.076891
protein_co	solute_carr	526	449	441	419	449	603	9.81072	10.73917	9.924343	12.12997
protein_co	BR_serine/t	18	19	12	678	876	639	0.206412	0.2794	0.166032	12.06767
pseudogen	family_witl	1	0	0	0	0	0	0.014252	0	0	0
antisense	GRIK1_anti	0	3	0	2	0	2	0	0.220525	0	0.177946
protein_co	UDP-GlcNA	745	590	616	793	972	611	16.85959	17.1219	16.81974	27.85443
protein_co	transmemb	2731	2276	2313	1943	2112	2770	27.65802	29.55841	28.26331	30.54237
protein_co	leptin	0	0	0	2	4	0	0	0	0	0.042561
protein_co	SH3_and_P	5166	3952	4282	2469	3177	2278	31.14746	30.55586	31.15036	23.10574
pseudogen	-	1	1	3	1	2	1	0.093036	0.119305	0.336759	0.144404
protein_co	KIAA1551	292	252	271	763	508	1867	2.19844	2.432998	2.461779	8.916344
protein_co	La_ribonuc	351	270	332	911	1169	1191	7.057631	6.961855	8.054489	28.43156
protein_co	fibroblast_	289	228	247	1282	1648	1662	5.324642	5.386874	5.490825	36.66157
protein_co	nuclear_re	388	292	347	383	414	479	3.460123	3.339274	3.733682	5.301381
protein_co	poly(A)_bir	35	28	31	35	29	15	0.509516	0.522705	0.544502	0.790839
protein_co	breast_can	774	571	657	551	725	1044	19.97406	18.89604	20.45686	22.07026
protein_co	ribosomal_	13762	10736	11327	16022	17243	15589	236.3738	236.4665	234.7365	427.1348
protein_co	chromoson	109	99	82	7	11	14	1.874913	2.183731	1.701831	0.186889
protein_co	v-Ha-ras_Ha	952	662	779	343	437	534	36.20381	32.2838	35.74397	20.24612
protein_co	WD_repeat	0	0	1	1	2	4	0	0	0.02181	0.028057
protein_co	signal_reco	2836	2387	2503	1939	1789	2123	33.38692	36.03561	35.55322	35.43059
protein_co	Purkinje_ce	0	2	0	4	9	4	0	0.154974	0	0.375154
protein_co	Ras_and_Ra	396	306	281	87	118	42	4.204811	4.166603	3.600026	1.433841
protein_co	chromoson	1	0	2	0	3	0	0.025021	0	0.060379	0
protein_co	THAP_dom	138	100	97	83	110	100	1.82328	1.694274	1.546301	1.702092
protein_co	centrosom	352	259	269	175	154	225	2.967509	2.800003	2.736212	2.289907
protein_co	frizzled_fan	1968	1532	1653	328	423	348	12.49892	12.47716	12.66684	3.233343
protein_co	CD248_mo	1363	1064	1046	103	129	82	24.98479	25.01099	23.13447	2.930539
protein_co	betacellulir	0	4	1	3	2	2	0	0.085412	0.020091	0.077535
protein_co	PDZ_domai	6	9	9	12	11	6	0.135	0.259678	0.244328	0.419078
protein_co	egf-like_mo	0	3	3	1	0	0	0	0.057669	0.05426	0.023267
protein_co	DENN/MAD	486	397	366	286	324	324	4.895499	5.128148	4.448257	4.471541
protein_co	phosphodi	487	382	428	319	495	535	5.876335	5.910855	6.231167	5.974461
protein_co	glomulin_F	190	143	153	226	246	340	4.465716	4.310056	4.338873	8.244729
protein_co	dynein_axo	0	3	2	0	1	0	0	0.018905	0.011858	0
protein_co	Yip1_intera	2752	2057	2314	881	1044	948	114.8055	110.0418	116.4731	57.04538
protein_co	cornichon_	114	78	80	157	166	135	3.507521	3.077509	2.969843	7.497657
protein_co	NLR_family	0	3	0	3	17	8	0	0.061441	0	0.074366
protein_co	NADH_dehy	94	71	70	66	123	149	1.831946	1.774404	1.646004	1.996453
protein_co	arginine/se	330	233	293	208	239	269	6.417962	5.810967	6.875414	6.278805
protein_co	catsper_ch	3	0	0	0	2	0	0.05591	0	0	0
protein_co	chromoson	0	0	1	3	10	1	0	0	0.038124	0.147129
protein_co	RAB1B_me	2072	1581	1701	1071	1290	1061	48.40863	47.36682	47.94964	38.83765
pseudogen	methyltran	5	6	5	2	3	2	0.224354	0.345243	0.270696	0.139291
protein_co	phosphatid	803	644	717	1008	1329	1062	12.0373	12.37966	12.96823	23.45334
protein_co	chromoson	792	584	613	274	390	238	41.44743	39.19174	38.70623	22.25632
protein_co	chromoson	50	47	53	37	46	48	1.214138	1.463542	1.552823	1.394538
protein_co	seizure_rel	1443	979	987	1586	2143	1174	17.80118	15.48726	14.69088	30.368
protein_co	aspartate_k	366	281	279	294	451	267	9.90863	9.755469	9.113491	12.35408
protein_co	potassium_	647	475	538	159	242	131	12.00073	11.29812	12.0402	4.577527
protein_co	purinergic_	0	0	1	1	7	3	0	0	0.022513	0.028961
protein_co	archaelysin	16	9	17	42	38	19	0.136012	0.098109	0.174363	0.554161
protein_co	G_protein-	0	0	0	3	3	0	0	0	0	0.122251
protein_co	CD164_sial	0	0	0	34	36	15	0	0	0	1.698362
protein_co	fucosyltran	11	3	5	272	364	180	0.121477	0.042485	0.066622	4.662295
protein_co	DEAH_(Asp	1268	1000	1096	1105	1320	1672	8.830617	8.93061	9.20938	11.94441
protein_co	Zic_family_	602	515	586	83	119	109	6.517615	7.150045	7.654871	1.394764
pseudogen	-	96	86	84	60	85	59	3.339348	3.836174	3.525477	3.239457
protein_co	F-box_and_	876	699	774	436	538	424	8.837275	9.042755	9.421136	6.827021
protein_co	zymogen_g	0	0	0	0	1	0	0	0	0	0
protein_co	kinesin_ligl	1080	741	822	562	876	591	13.48634	11.86583	12.38484	10.89274
protein_co	solute_carr	4	4	6	3	2	2	0.096283	0.12347	0.174257	0.112084

protein_co	C-terminal_	1541	1243	1317	3534	4304	3856	19.69406	20.37104	20.30797	70.10189
protein_co	carbohydra	6353	5042	5113	667	1226	514	84.48448	85.98254	82.0393	13.76748
protein_co	zinc_finger_	246	174	207	141	228	127	1.563001	1.417694	1.586874	1.390508
protein_co	ataxia_telan	614	607	597	446	333	353	3.490177	4.424632	4.094506	3.934997
processed_	C17orf76_a	2461	1720	1864	3169	3691	3268	69.43221	62.22819	63.45171	138.7721
protein_co	ubiquitin-c	1234	1032	1038	2095	2275	2174	40.01541	42.91421	40.61229	105.4451
protein_co	glycerol_ki	298	255	253	141	168	78	3.11972	3.423331	3.195714	2.291126
protein_co	valosin_cor	512	397	425	358	403	432	2.414775	2.401079	2.418486	2.620717
protein_co	receptor_(c	1	0	0	50	68	41	0.02115	0	0	1.641403
protein_co	desmin	2	0	1	28	39	18	0.041717	0	0.025167	0.90651
protein_co	PDLIM1_in	183	113	129	93	74	56	2.005345	1.58791	1.705595	1.5818
protein_co	splA/ryano	61	41	29	759	954	1040	0.983594	0.847772	0.564199	18.99583
protein_co	recombinat	0	1	2	0	1	0	0	0.02518	0.047383	0
protein_co	TNF_recept	263	240	254	133	137	152	2.665242	3.1189	3.105723	2.092006
protein_co	zinc_finger_	160	114	99	73	78	62	1.510754	1.380346	1.127864	1.06986
protein_co	trans-golgi_	124	114	125	49	71	66	1.945253	2.293341	2.365988	1.193111
protein_co	mitochond	386	339	355	320	311	422	8.37942	9.437037	9.298289	10.78219
protein_co	phosphofur	2678	2164	2317	929	1177	829	28.59095	29.62679	29.84641	15.39445
protein_co	MARCKS-lik	9168	6681	7351	9337	11296	12890	253.0239	236.4492	244.7831	399.9676
protein_co	SH3-bindin	1549	1201	1256	1189	1669	1240	17.62073	17.51962	17.23892	20.99349
protein_co	olfactory_r	0	0	0	0	0	1	0	0	0	0
processed_	TMEM51_a	3	2	2	6	5	2	0.047492	0.040601	0.038201	0.147427
protein_co	yippee-like_	103	67	68	30	27	15	0.925757	0.772225	0.737423	0.418515
protein_co	cell_adhesi	14	12	19	104	96	77	0.069188	0.076049	0.113294	0.797755
processed_	ABO_blood	0	0	0	1	6	0	0	0	0	0.067639
protein_co	proteasom	7502	6095	6648	4998	5668	5901	101.9916	106.2601	109.0501	105.4664
protein_co	family_witl	0	0	0	1	1	1	0	0	0	0.043296
protein_co	protein_ph	23	20	27	166	199	95	0.360934	0.402475	0.511224	4.043322
protein_co	family_witl	543	374	431	346	462	198	6.924471	6.116003	6.631505	6.848466
protein_co	cysteine_ar	3398	2722	2759	1702	1523	1697	31.37697	32.23184	30.73884	24.3937
protein_co	inhibin_be	0	0	1	9	9	4	0	0	0.028401	0.328824
protein_co	presenilin_	658	487	543	662	847	884	21.82011	20.70948	21.72595	34.07371
protein_co	DNA-damag	85	74	52	10	21	15	3.462773	3.86586	2.555974	0.632318
protein_co	propionyl_	364	354	304	705	711	556	6.851853	8.545142	6.904437	20.59806
protein_co	HIG1_hypo	0	0	0	0	0	3	0	0	0	0
protein_co	dynactin_2	1807	1568	1573	1339	1399	1168	41.11124	45.74649	43.17966	47.28392
protein_co	natriuretic_	5	4	6	0	0	1	0.274211	0.281309	0.397021	0
protein_co	zinc_finger_	333	225	246	358	463	546	6.394093	5.540215	5.699252	10.6696
protein_co	CTD_(carbo	5435	4499	4548	3364	3712	2649	53.14854	56.41793	53.66119	51.0597
protein_co	cytoskeletc	4607	3892	4034	4543	4497	3276	30.33595	32.86409	32.04965	46.43149
protein_co	Rho_GTPas	3177	2430	2586	1336	1468	1550	44.13914	43.29345	43.34941	28.81002
protein_co	mediator_c	1800	1364	1485	1698	2213	1863	27.04327	26.27909	26.91914	39.59632
protein_co	autophagy_	1564	1294	1345	1147	1321	1431	15.511	16.45684	16.09434	17.65618
protein_co	galactose-3	117	85	77	386	541	262	2.572026	2.396171	2.042341	13.17065
protein_co	chromosor	1	0	0	5	9	5	0.016983	0	0	0.1318
protein_co	carbohydra	893	761	733	43	62	9	15.40573	16.83546	15.25749	1.15141
protein_co	golgin_A8_	556	470	542	247	269	257	4.024521	4.362613	4.733548	2.775025
protein_co	von_Willeb	0	1	0	2	1	2	0	0.012906	0	0.031243
protein_co	tumor_pro	2229	1817	1917	1123	1296	1278	28.22518	29.50468	29.28848	22.07176
protein_co	apoptosis-i	83	44	58	40	57	45	2.649334	1.801029	2.23375	1.981751
protein_co	dolichol_ki	576	431	447	287	401	464	12.9228	12.39997	12.10012	9.994164
protein_co	phytanoyl-l	9	12	12	122	134	80	0.197848	0.338283	0.318287	4.162745
protein_co	cation_cha	1	5	5	0	3	0	0.017904	0.114795	0.10801	0
protein_co	cyclin_E2	82	75	103	34	37	46	1.154649	1.354275	1.749933	0.743097
protein_co	alanine-gly	786	643	632	271	345	298	13.25739	13.90772	12.86177	7.094722
protein_co	ankyrin_rep	0	0	0	1	1	0	0	0	0	0.024789
protein_co	cystatin_E/	0	0	0	4	3	6	0	0	0	0.383556
protein_co	GRAM_don	9	8	6	76	74	58	0.128622	0.146613	0.10346	1.685847
protein_co	zinc_finger_	98	99	107	279	292	235	0.707284	0.916246	0.93175	3.125375
protein_co	LSM1_hom	240	185	174	165	160	179	7.177043	7.094396	6.278149	7.658589
protein_co	intestine-sp	0	0	0	0	0	1	0	0	0	0
protein_co	barrier_to_	3290	2535	2602	2884	3154	2719	133.5655	131.9732	127.4541	181.729
protein_co	apolipopro	0	0	1	0	0	1	0	0	0.032989	0
protein_co	cholinergic	23	13	16	84	74	55	0.19024	0.137888	0.159677	1.078409
protein_co	TMEM9_do	479	351	405	131	198	216	10.78268	10.13229	11.00004	4.577126

protein_co	nuclear_rec	282	235	246	86	114	98	3.471511	3.709767	3.653866	1.64323
protein_co	protein_tyr	254	217	239	432	512	571	3.513293	3.849016	3.988657	9.274594
protein_co	signal_pept	27	25	26	32	34	31	0.270346	0.321	0.314107	0.497321
protein_co	eukaryotic_	482	404	456	230	344	466	7.828538	8.414422	8.936069	5.798183
protein_co	SMAD_fami	1450	1270	1206	886	1051	1009	5.630685	6.32421	5.650522	5.340199
protein_co	eukaryotic_	4271	3400	3432	4000	4576	3930	26.56065	27.11423	25.75161	38.60997
protein_co	zinc_finger_	224	172	162	17	21	11	2.537657	2.49875	2.214359	0.298926
protein_co	ADP-ribosy	1709	1356	1441	182	222	119	7.389123	7.518304	7.517317	1.221385
protein_co	clathrin_lig	857	575	646	431	557	540	26.98774	23.22004	24.54518	21.06655
protein_co	proprotein	84	87	72	175	229	253	0.774432	1.028567	0.800912	2.50422
protein_co	lipoproteir	2	0	1	66	65	54	0.024384	0	0.01471	1.248951
protein_co	Rieske_(Fe-S	2	2	2	8	17	8	0.033637	0.043135	0.040585	0.208837
protein_co	coiled-coil_	1000	932	1015	624	711	798	5.9227	7.078561	7.25327	5.736339
protein_co	TBC1_dom	28	22	25	18	35	10	0.293063	0.29528	0.315712	0.292419
protein_co	squamous_	2636	1887	2130	1862	2558	2241	37.5348	34.4564	36.59454	41.15275
protein_co	protein_ph	523	394	400	455	573	485	4.777611	4.615457	4.408767	6.451356
protein_co	multiple_C	228	171	173	112	129	114	1.981268	1.905522	1.813855	1.510626
protein_co	polymerase	56	39	37	32	37	11	1.464496	1.307899	1.167481	1.298914
protein_co	olfactory_r	3	0	1	0	4	0	0.126275	0	0.050786	0
protein_co	leucine_ric	5	6	6	9	9	0	0.097081	0.149391	0.14056	0.271229
protein_co	dipeptidyl-	0	2	2	84	105	95	0	0.019156	0.018023	0.973798
protein_co	cardiotropl	133	84	107	22	32	18	3.381981	2.739101	3.282852	0.868306
pseudogen	-	0	1	0	0	1	0	0	0.086146	0	0
processed_	testis_spec	2	0	0	40	40	31	0.048717	0	0	1.512308
protein_co	G_protein-	0	0	0	1	0	0	0	0	0	0.050931
protein_co	ubiquilin-li	4	7	2	2	0	3	0.08109	0.181975	0.04892	0.062931
protein_co	lipoyl(octa	7	12	11	24	37	51	0.322426	0.708799	0.611327	1.71583
protein_co	potassium_	12	14	15	40	44	35	0.179026	0.267839	0.270007	0.926246
protein_co	calcium_bi	0	0	1	0	1	1	0	0	0.039674	0
protein_co	ALG10B_al	94	60	102	88	86	48	1.416799	1.159687	1.854935	2.058702
protein_co	DR1-associa	4994	3671	3870	1989	2493	1725	236.7733	223.1916	221.3824	146.3691
protein_co	LON_peptic	0	0	1	3	2	2	0	0	0.01424	0.054956
protein_co	uncoupling	31	28	19	10	12	3	0.554171	0.641874	0.409811	0.277468
protein_co	uncoupling	1026	841	871	970	1028	1109	22.76818	23.9324	23.321	33.41051
protein_co	chromosor	1163	791	868	612	744	352	33.68319	29.37781	30.33202	27.51157
protein_co	proteasom	350	307	279	576	687	467	8.124508	9.138538	7.814142	20.75305
protein_co	mitochond	393	284	292	210	247	245	9.587813	8.884944	8.595238	7.952007
protein_co	RAB6A_me	2293	1819	1867	1228	1457	1106	34.30721	34.89984	33.7034	28.51742
protein_co	purinergic_	0	1	0	16	19	22	0	0.022605	0	0.437773
protein_co	FOS-like_an	621	473	532	203	247	55	17.44679	17.04098	18.03365	8.852187
protein_co	excision_re	246	214	222	125	146	132	1.706858	1.904081	1.858503	1.346179
protein_co	chromosor	206	181	214	79	78	58	5.619164	6.331293	7.04314	3.344738
protein_co	coiled-coil_	1804	1402	1517	1821	2820	1684	68.71616	68.48251	69.71977	107.6621
protein_co	-	2	8	0	3	4	1	0.047508	0.243687	0	0.110608
protein_co	transmemb	348	298	316	244	374	377	8.086088	8.879425	8.859197	8.799936
processed_	long_interg	48	36	25	30	20	26	0.796715	0.766256	0.500668	0.772883
protein_co	ribosomal_	534	400	425	432	532	431	4.529535	4.350926	4.3496	5.687568
protein_co	RMI2_RecC	501	430	418	1500	2153	1260	12.59619	13.86371	12.68019	58.53603
protein_co	protamine_	0	0	0	0	0	1	0	0	0	0
pseudogen	dopamine_	2	0	0	2	0	1	0.04661	0	0	0.072346
protein_co	target_of_r	1001	741	849	131	153	72	8.393581	7.967843	8.589521	1.704963
protein_co	testis_expr	0	1	0	0	1	0	0	0.040683	0	0
protein_co	zinc_finger_	46	32	41	59	62	53	1.077393	0.961116	1.158639	2.144859
protein_co	G_protein-	8	12	12	32	54	31	0.084448	0.16244	0.152838	0.524303
processed_	long_interg	0	0	0	0	1	0	0	0	0	0
lincRNA	long_interg	147	121	128	155	231	121	3.360718	3.547394	3.530797	5.50018
protein_co	chromosor	1	0	0	423	452	324	0.026152	0	0	17.17003
protein_co	UDP-GlcNA	176	131	150	132	173	125	2.482745	2.369736	2.553046	2.890173
protein_co	RNA_bindi	1	0	0	0	0	2	0.013517	0	0	0
protein_co	MLX_intera	1382	1025	1158	1114	1426	1420	11.17469	10.62822	11.29754	13.98115
protein_co	chromosor	0	0	2	0	0	0	0	0	0.0319	0
pseudogen	BCL2-antag	8	10	10	19	25	20	0.17914	0.287153	0.270179	0.660371
pseudogen	RWD_dom	71	40	39	30	25	38	5.913306	4.272099	3.919085	3.878142
protein_co	nuclear_rec	1417	1031	1040	0	4	7	17.80363	16.61142	15.76595	0
protein_co	chromosor	8	10	9	0	0	0	0.121871	0.195353	0.165425	0

pseudogen	eukaryotic_	2	0	0	0	0	0	0.142957	0	0	0
protein_co	aurora_kin	2011	1481	1576	2132	3134	2435	87.96252	83.07111	83.17444	144.7449
protein_co	tubulin_ty	103	67	79	3	15	22	1.486053	1.239599	1.37522	0.067181
protein_co	eukaryotic_	0	0	0	11	20	9	0	0	0	0.282291
protein_co	translocase	39	26	25	27	47	48	0.595477	0.509077	0.460563	0.639875
processed_	-	2	1	5	12	10	5	0.038387	0.024613	0.115791	0.357494
lincRNA	-	0	0	0	5	2	2	0	0	0	0.543945
protein_co	solute_carr	300	220	224	207	232	319	2.805546	2.638324	2.527506	3.004671
protein_co	proline_ric	0	0	0	157	199	189	0	0	0	3.07907
protein_co	zinc_finger_	69	56	45	69	78	54	1.191241	1.23979	0.93737	1.848971
protein_co	RuvB-like_1	1340	1050	1131	2281	2526	2772	15.4684	15.54315	15.75256	40.86921
protein_co	stratifin	18	12	14	253	301	139	0.641841	0.548713	0.602325	14.0025
pseudogen	olfactory_r	0	1	0	1	1	1	0	0.063832	0	0.077261
protein_co	methionine	165	156	132	32	41	53	4.535084	5.498387	4.377472	1.365155
protein_co	coiled-coil_	0	3	1	1	0	1	0	0.024513	0.007688	0.00989
protein_co	CTD_nuclea	457	384	404	409	569	343	12.42966	13.39318	13.25783	17.26621
protein_co	ets_variant	3388	2569	2758	4777	5787	4963	65.40279	63.59549	64.23847	143.1326
pseudogen	family_witl	1	1	0	0	1	1	0.020431	0.0262	0	0
protein_co	SWI5_reco	509	388	413	193	219	194	22.77387	22.26179	22.2955	13.40315
protein_co	GRB2-bindi	0	0	3	1	0	0	0	0	0.056275	0.024131
protein_co	BAI1-associ	1256	1006	1002	357	465	352	15.96472	16.39755	15.36694	7.043207
protein_co	calcitonin-	0	0	0	25	42	44	0	0	0	0.805799
lincRNA	-	54	31	34	28	64	42	1.224993	0.901801	0.930608	0.98589
protein_co	cellular_re	13	12	15	19	23	13	0.191268	0.226407	0.266279	0.433893
protein_co	Williams-B	0	0	0	2	0	0	0	0	0	0.151467
protein_co	homeobox_	242	173	236	0	0	2	4.393103	4.027276	5.169113	0
pseudogen	ribosomal_	2	1	4	5	5	4	0.116642	0.074788	0.28147	0.452611
protein_co	zinc_finger_	245	183	199	59	81	97	2.444787	2.341722	2.395941	0.913813
protein_co	thrombosp	1	0	3	45	98	31	0.01182	0	0.042785	0.825584
protein_co	pleckstrin_	149	114	120	119	133	97	2.425065	2.379312	2.356494	3.006177
lincRNA	-	339	277	240	177	206	97	9.031657	9.46361	7.714842	7.319332
protein_co	alpha-2-ma	1728	1070	1078	7	9	2	16.72707	13.28218	12.5905	0.105173
protein_co	ADP-ribosy	129	91	114	235	260	87	3.752365	3.394424	4.000997	10.60996
protein_co	Uncharacte	55	54	36	15	23	7	1.434344	1.8059	1.132769	0.607173
protein_co	docking_pr	1	2	2	6	5	4	0.018302	0.04694	0.044165	0.170444
protein_co	leucine_ric	126	84	90	1267	1599	2656	1.54542	1.321188	1.331885	24.12033
protein_co	ubiquitin-c	1205	910	1014	2532	2798	2275	10.39413	10.06588	10.55327	33.89964
protein_co	ORAI_calciu	103	84	67	42	55	20	2.189334	2.289621	1.718295	1.385654
protein_co	kelch-like_f	0	0	2	0	0	0	0	0	0.057089	0
antisense	-	1	0	0	0	0	0	0.020794	0	0	0
protein_co	unc-119_h	1022	801	792	1269	1504	1579	10.88138	10.93641	10.17434	20.97129
protein_co	DENN/MAD	24	18	31	43	73	31	0.182599	0.175618	0.284576	0.507794
protein_co	pleckstrin_	5	0	3	3	12	11	0.058627	0	0.042442	0.054599
pseudogen	family_witl	0	0	0	0	0	2	0	0	0	0
protein_co	achaete-scu	0	0	0	1	0	0	0	0	0	0.111969
protein_co	tubulin_be	8020	6010	6471	4793	5145	5808	173.8594	167.0735	169.2557	161.273
protein_co	LysM_putat	375	278	267	176	167	203	4.128612	3.924885	3.546762	3.007571
protein_co	UDP-Gal:be	1878	1287	1395	460	815	652	31.52863	27.7075	28.25737	11.98665
protein_co	zinc_finger_	65	53	50	126	116	183	1.124668	1.17597	1.043829	3.383858
protein_co	chromosor	4	3	2	1	5	2	0.098302	0.094544	0.059303	0.038145
protein_co	calponin_h	0	0	1	0	0	0	0	0	0.028895	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
protein_co	nuclear_pr	305	193	199	3	1	2	15.64711	12.69699	12.31786	0.238883
protein_co	janus_kinas	1065	845	869	528	466	478	8.321591	8.466868	8.192654	6.403555
pseudogen	ribosomal_	1	6	6	3	2	2	0.111378	0.856957	0.806302	0.518621
protein_co	metallo-be	119	84	89	107	114	90	1.303718	1.180117	1.176453	1.819495
protein_co	taperin	755	480	566	932	1497	859	10.56775	8.615613	9.558727	20.24799
protein_co	KCNE1-like	12	3	3	47	53	41	0.384082	0.123133	0.115854	2.334915
protein_co	zinc_finger_	0	0	0	2	1	1	0	0	0	0.085023
protein_co	solute_carr	1977	1524	1652	1188	1533	1770	25.62941	25.33531	25.83985	23.90445
protein_co	absent_in_	0	0	0	423	466	301	0	0	0	12.20208
protein_co	inositol_he	1428	1133	1123	759	874	961	15.02669	15.28884	14.25814	12.39674
protein_co	Sjogren_sy	1434	1071	1126	1369	1912	1577	57.47033	55.04189	54.44788	85.15859
protein_co	cleavage_st	710	593	657	818	897	657	11.90272	12.74829	13.28928	21.2849
protein_co	v-yes-1_Yan	1646	1347	1381	1487	1530	1517	16.63742	17.45955	16.84216	23.32907

protein_co	charged_m	386	239	262	153	225	187	10.87713	8.636431	8.907922	6.691893
pseudogen	aquaporin_	1	0	1	0	0	0	0.045	0	0.054295	0
protein_co	deleted_in_	78	84	49	176	178	147	1.498943	2.070042	1.136147	5.249691
protein_co	UFM1-spec	46	43	47	26	33	25	2.169961	2.601188	2.675099	1.903697
protein_co	Protein_LO	1	0	0	0	0	0	0.04854	0	0	0
protein_co	melanocor	0	0	0	6	9	6	0	0	0	0.331068
protein_co	transmemb	1104	910	939	415	420	494	11.78388	12.45575	12.09297	6.875397
protein_co	t-complex_	415	372	349	207	266	135	5.740223	6.598314	5.82444	4.444076
protein_co	glutathion	5	2	4	9	17	13	0.206746	0.106049	0.199561	0.577617
protein_co	coiled-coil_	760	658	670	227	309	296	6.6251	7.355532	7.046958	3.071391
protein_co	heat_shock	0	0	1	2	3	1	0	0	0.013819	0.035554
protein_co	forkhead_b	15	10	28	10	34	19	0.255392	0.218336	0.575205	0.264269
protein_co	sphingosin	1338	1051	1127	73	109	40	25.07548	25.25836	25.48385	2.123471
protein_co	BCL2/aden	422	329	324	2716	1955	1475	12.31337	12.31033	11.40664	123.0056
protein_co	ENTH_dom	0	0	0	1	0	0	0	0	0	0.026856
protein_co	Myb-relate	224	155	185	128	161	59	5.557335	4.93128	5.537814	4.929002
protein_co	cell_death-	126	98	115	2	0	2	3.267778	3.259248	3.598553	0.080509
protein_co	leucine_ric	0	0	0	84	63	197	0	0	0	1.690681
protein_co	ATPase_fam	269	224	257	460	472	469	1.836281	1.960849	2.116743	4.873884
protein_co	small_integ	188	111	116	309	316	199	6.013181	4.552802	4.476643	15.34035
protein_co	zinc_finger_	61	45	43	28	23	24	1.545268	1.461826	1.314288	1.100937
protein_co	rotatin	346	335	362	398	421	283	2.214571	2.749588	2.795568	3.953912
protein_co	chromosor	3	1	1	1	2	2	0.082071	0.035082	0.033008	0.042462
protein_co	acyl-CoA_b	2	7	15	58	76	54	0.070938	0.318388	0.641931	3.193062
protein_co	anaphase_p	1325	1055	1109	652	975	1092	23.60535	24.10218	23.83824	18.02904
protein_co	high_mobil	1	0	0	0	1	0	0.018719	0	0	0
protein_co	zinc_finger_	288	251	290	210	295	333	8.434931	9.42697	10.24791	9.546382
pseudogen	cytochrom	2	1	6	1	1	0	0.308487	0.197795	1.116622	0.239407
protein_co	solute_carr	130	105	110	79	94	87	1.74662	1.809063	1.783182	1.647451
protein_co	solute_carr	149	111	118	51	69	82	1.122528	1.072366	1.072608	0.596364
pseudogen	iduronate_	2	0	1	0	0	0	0.249415	0	0.150467	0
protein_co	zinc_finger_	11	14	8	72	132	119	0.154013	0.251364	0.135146	1.56469
protein_co	forkhead_b	0	0	0	1	0	2	0	0	0	0.062795
protein_co	cytochrom	272	190	220	311	430	287	25.15599	22.53385	24.54953	44.64402
pseudogen	ribosomal_	0	0	0	1	1	0	0	0	0	0.263695
protein_co	Protein_LO	6	1	2	1	3	2	0.062785	0.013419	0.025251	0.016242
pseudogen	-	0	0	0	2	0	0	0	0	0	0.061083
protein_co	tachykinin_	0	5	2	21	30	18	0	0.445406	0.167631	2.26426
protein_co	zinc_finger_	341	253	276	852	954	987	4.193416	3.989729	4.095159	16.26236
protein_co	proline_ric	2	2	2	8	4	3	0.034682	0.044475	0.041846	0.215325
protein_co	UDP-GlcNA	3	2	1	28	25	14	0.04788	0.040932	0.019256	0.693613
protein_co	cell_divisio	90	89	81	79	67	105	4.839566	6.137101	5.255293	6.593583
protein_co	hydroxyste	1	5	3	729	895	668	0.024679	0.158236	0.08933	27.92446
protein_co	cytokine_re	388	322	325	341	406	319	6.15263	6.547783	6.21814	8.392936
protein_co	arginyl_am	1943	1508	1538	1721	1842	1395	37.53906	37.36124	35.85213	51.60859
processed_	carcinoemb	0	0	0	0	1	1	0	0	0	0
protein_co	EP300_inte	506	334	402	349	497	330	11.97696	10.13799	11.48074	12.82188
protein_co	DMRT-like_	30	18	24	89	103	79	0.611078	0.470172	0.58984	2.813815
protein_co	EP300_inte	32	33	30	18	15	13	0.804547	1.063959	0.910062	0.702432
protein_co	gap_junctio	0	0	0	16	37	13	0	0	0	1.043438
protein_co	regulating_	744	652	676	172	135	185	4.359682	4.899354	4.779435	1.564375
protein_co	potassium_	1121	932	954	1604	1689	1636	14.87793	15.86215	15.27683	33.0424
protein_co	DnaJ_(Hsp4	121	112	112	34	54	84	4.79602	5.692762	5.356261	2.091727
protein_co	SPRY_doma	131	80	94	134	147	240	2.923652	2.289569	2.531222	4.641834
protein_co	vacuolar_p	166	129	136	300	332	60	4.792945	4.77632	4.73785	13.44454
protein_co	C-type_lect	87	82	85	6	6	7	1.799485	2.174964	2.121269	0.192624
protein_co	spectrin_re	349	214	272	4	5	4	2.979176	2.342577	2.801481	0.052998
protein_co	CDC-like_ki	739	544	559	612	803	869	12.82447	12.10607	11.70455	16.48454
protein_co	lysophosph	750	682	708	761	973	564	17.80634	20.76381	20.28124	28.04326
protein_co	solute_carr	1245	1019	1191	117	161	135	11.41311	11.97894	13.1733	1.664758
protein_co	zinc_finger_	96	80	76	7	15	7	1.969996	2.105201	1.881724	0.222958
protein_co	WD_repeat	150	119	129	101	128	126	3.313002	3.370441	3.437701	3.46244
protein_co	coiled-coil_	194	168	146	247	292	215	7.889561	8.761323	7.163941	15.59116
protein_co	phospholip	3	1	3	1149	1618	958	0.054229	0.02318	0.06543	32.23747
protein_co	DIRAS_fami	35	33	32	488	627	387	0.479308	0.579522	0.528743	10.37282

pseudogen	olfactory_r	3	2	0	0	3	0	0.210269	0.17976	0	0
protein_co	pleckstrin_	109	103	89	255	298	90	1.972602	2.390339	1.94335	7.162813
protein_co	proline_ric	143	91	89	321	474	363	3.995991	3.260913	3.000727	13.92272
protein_co	guanine_nu	61	60	41	351	553	263	0.679727	0.857364	0.551235	6.070749
protein_co	KIAA2018	641	559	579	356	492	372	2.192625	2.452039	2.389642	1.890109
protein_co	cyclin_N-te	13	9	7	5	10	10	0.22942	0.203676	0.149051	0.136959
protein_co	DDB1_and_	0	0	0	0	1	0	0	0	0	0
protein_co	cyclic_nucl	2	1	3	0	0	0	0.058833	0.037723	0.106478	0
protein_co	HCG18115	73	68	81	139	193	98	0.531682	0.635108	0.711807	1.571356
protein_co	kelch_repe	207	189	203	523	796	305	1.446533	1.693671	1.711599	5.672703
protein_co	UDP-GlcNA	647	471	584	217	258	152	7.358196	6.86906	8.013605	3.830516
protein_co	mitogen-ac	0	1	0	0	0	1	0	0.013738	0	0
protein_co	lamin_B2	10285	7789	8461	8318	10921	10187	103.2464	100.2678	102.4803	129.6045
protein_co	regulator_c	432	310	345	358	424	339	6.613284	6.085614	6.372363	8.506421
protein_co	mex-3_hon	1389	1049	1168	1041	1313	1174	16.91694	16.38342	17.16369	19.6789
protein_co	HORMA_dc	0	0	0	0	1	0	0	0	0	0
protein_co	ring_finger_	427	355	349	58	79	41	2.107361	2.246719	2.078187	0.444293
pseudogen	Nanog_hon	0	0	0	24	41	39	0	0	0	1.908978
protein_co	myosin_ID	2116	1675	1739	689	955	779	17.83557	18.10487	17.68557	9.014072
protein_co	chromosor	30	18	18	0	0	0	0.514898	0.39617	0.372752	0
protein_co	forkhead_b	207	155	217	24	19	3	3.043661	2.922583	3.84976	0.547731
protein_co	TGFB-induc	3	2	3	0	0	0	0.155437	0.132884	0.187543	0
protein_co	leucine_ric	26	21	27	23	14	12	0.235492	0.243911	0.295063	0.323341
protein_co	forkhead_b	500	350	380	5	5	6	13.93049	12.50471	12.77403	0.21622
protein_co	brain-deriv	132	106	114	71	94	66	1.298674	1.337339	1.353254	1.084214
pseudogen	SCAN_dom	171	158	161	125	140	179	2.024285	2.398512	2.299585	2.296762
protein_co	coiled-coil_	30	16	24	29	26	25	0.600641	0.410793	0.579766	0.901202
protein_co	acyl-CoA_sy	619	445	428	443	574	416	4.134604	3.811647	3.449333	4.592799
protein_co	olfactory_r	0	0	0	0	3	1	0	0	0	0
protein_co	BCL2-relate	2446	1654	1980	1398	1477	1529	43.28037	37.53007	42.27151	38.39478
protein_co	zinc_finger_	11	11	13	8	11	2	0.238681	0.306075	0.340343	0.26943
processed_	testis-speci	42	35	36	48	62	60	1.317312	1.407721	1.362353	2.336743
protein_co	chromosor	98	82	86	71	116	80	5.38713	5.780356	5.703978	6.057873
protein_co	profilin_far	5	6	9	1	1	0	0.240709	0.370409	0.522772	0.074723
protein_co	melanoma_	0	0	0	2	0	0	0	0	0	0.074684
protein_co	cyclin-depe	243	207	217	337	449	269	2.634514	2.877889	2.838586	5.670935
protein_co	chromosor	1	0	0	4	4	2	0.022024	0	0	0.13674
lincRNA	long_interg	0	1	0	1	3	0	0	0.031798	0	0.038487
pseudogen	zinc_finger_	4	1	4	2	3	2	0.106146	0.034029	0.128071	0.082377
protein_co	transcriptic	0	0	0	259	331	156	0	0	0	4.289934
protein_co	NCK-associa	3	5	3	20	15	9	0.018529	0.039601	0.022356	0.191728
protein_co	melanoma_	0	0	0	0	0	1	0	0	0	0
protein_co	RUN_and_F	627	533	558	362	616	498	10.6099	11.56593	11.39269	9.507863
protein_co	brain_abun	6312	4484	4840	2174	3042	2745	157.5984	143.5687	145.8069	84.25095
protein_co	leucine_ric	84	78	98	19	33	23	0.69528	0.827912	0.978711	0.244098
pseudogen	-	1	0	0	0	0	0	0.015809	0	0	0
pseudogen	FK506_bin	13	14	18	0	4	0	0.248703	0.343459	0.415487	0
protein_co	V-set_and_i	390	236	288	1059	1415	1828	3.697353	2.869113	3.294328	15.58306
lincRNA	MIR7-3_ho	0	0	0	0	0	1	0	0	0	0
protein_co	iroquois_h	51	44	61	5	4	10	0.995998	1.10192	1.437362	0.151561
protein_co	meteorin_g	1194	823	955	697	1050	524	29.46667	26.0457	28.43664	26.6987
protein_co	family_witl	1217	1035	1030	363	459	519	10.35477	11.29275	10.5739	4.793879
pseudogen	-	1	4	0	2	5	1	0.040916	0.209877	0	0.127015
protein_co	WD_repeat	1983	1580	1713	1050	1182	813	35.14093	35.90517	36.62655	28.88087
protein_co	glutamate_	3	0	1	45	65	20	0.027357	0	0.011003	0.636929
protein_co	SRY_(sex_d	7280	5586	5885	4129	6116	4129	39.15569	38.52776	38.19074	34.46981
protein_co	thymidylat	835	732	727	619	644	776	23.55786	26.48316	24.74753	27.10632
protein_co	peroxisoma	10	13	8	9	5	24	0.446572	0.744464	0.431051	0.623827
protein_co	transcriptic	13	15	15	23	39	34	0.204006	0.301856	0.284014	0.560219
protein_co	paraneopla	2441	1830	1954	1333	1647	1486	43.43777	41.75997	41.9539	36.81802
protein_co	chromosor	2	4	2	0	0	2	0.051162	0.131216	0.06173	0
protein_co	MEF2_activ	139	78	95	28	33	19	3.54802	2.553143	2.925788	1.109327
protein_co	chromosor	3	3	5	63	129	24	0.166671	0.213732	0.335163	5.432615
protein_co	ankyrin_rep	2546	1964	2133	1011	1231	1263	10.96253	10.84435	11.08132	6.756692
protein_co	complemer	3	3	3	3	3	3	0.164526	0.210982	0.198511	0.255368

protein_co	fucosyltran	21	24	10	47	62	36	0.316519	0.463875	0.181856	1.099534
protein_co	EF-hand_ca	2	5	6	2	1	1	0.018274	0.058583	0.066144	0.028363
protein_co	glucosamin	4	11	10	11	11	39	0.054587	0.192499	0.164655	0.232997
pseudogen	transducer	3	8	4	11	9	9	0.123179	0.421224	0.198163	0.701031
protein_co	mucin_20_	0	1	0	4	2	3	0	0.009709	0	0.047008
protein_co	THAP_dom	1082	860	932	1553	2017	1327	21.4343	21.84691	22.27646	47.75118
protein_co	nuclear_fac	932	780	851	888	1076	1109	9.564784	10.2651	10.53748	14.14499
protein_co	lymphocyt	0	0	0	3	5	14	0	0	0	0.137234
protein_co	fin_bud_in	1981	1472	1616	3	5	3	30.93211	29.47421	30.44489	0.072707
protein_co	family_witl	21	27	24	5	7	6	0.698858	1.152239	0.963671	0.258268
protein_co	serine_hyd	376	311	367	870	1028	784	6.397187	6.785329	7.533821	22.97476
protein_co	dipeptidyl-	598	477	460	302	404	169	17.63536	18.03894	16.36776	13.82358
protein_co	tripartite_r	0	0	0	0	0	1	0	0	0	0
protein_co	Uncharacte	0	1	0	0	0	0	0	0.028895	0	0
protein_co	SEC24_fam	2540	2020	2213	1984	2239	1952	25.51428	26.02018	26.82125	30.93297
protein_co	fragile_X_m	1	0	1	0	0	0	0.045926	0	0.055412	0
protein_co	Smith-Mag	428	338	344	285	295	382	5.856121	5.930514	5.679012	6.052595
pseudogen	HLA_compl	0	0	0	4	1	2	0	0	0	0.143197
protein_co	methylenet	655	491	565	294	334	396	4.352127	4.183609	4.529568	3.032062
protein_co	chromosor	5	2	1	4	6	3	0.25623	0.131431	0.061831	0.318163
protein_co	DEAF1_trar	1138	814	880	1473	1924	985	21.34434	19.57826	19.91458	42.88186
protein_co	metaxin_3	571	469	511	447	536	385	5.579121	5.876406	6.024189	6.779031
protein_co	transmemb	222	170	195	169	204	131	5.085288	4.993681	5.389459	6.008689
protein_co	SIX_homeo	228	124	135	177	235	160	3.593588	2.50625	2.567292	4.330092
protein_co	F-box_prot	442	323	410	759	898	586	6.90616	6.471817	7.729409	18.40715
protein_co	zinc_finger	661	591	620	314	376	292	4.916609	5.637168	5.564215	3.625136
protein_co	solute_carr	198	180	162	184	230	340	2.302635	2.684366	2.273123	3.3213
protein_co	alkaline_ce	11	17	14	82	95	70	0.230469	0.45675	0.353913	2.666642
protein_co	WD_repeat	451	381	403	218	261	550	4.170262	4.517739	4.496141	3.128771
protein_co	polymerase	1872	1404	1621	2483	3127	3501	10.9572	10.53829	11.44787	22.55801
protein_co	family_witl	509	405	356	166	257	128	10.22142	10.42937	8.625644	5.174067
protein_co	sodium_ch	3	3	4	21	46	20	0.031372	0.04023	0.050469	0.340851
protein_co	Down_sync	3	2	0	8	9	3	0.02039	0.017431	0	0.084395
protein_co	ras_homol	816	600	638	442	565	289	29.00853	27.35245	27.36556	24.38868
protein_co	EPS8-like_2	107	93	99	644	924	411	1.305211	1.454753	1.457069	12.19308
protein_co	zinc_finger	6	6	3	2058	1981	1765	0.082553	0.105862	0.049802	43.94977
antisense	MRVI1_ant	0	0	0	4	0	0	0	0	0	0.351169
protein_co	anoctamin	2904	2477	2550	1256	1432	1246	22.78973	24.92745	24.14519	15.29898
protein_co	zinc_finger	387	322	321	443	519	321	2.764539	2.949694	2.766718	4.91186
lincRNA	-	169	131	145	5	14	7	1.865885	1.854722	1.931587	0.085684
protein_co	family_witl	0	0	0	0	3	0	0	0	0	0
pseudogen	nudix_(nuc	9	9	6	6	7	5	0.777183	0.996626	0.625144	0.804197
protein_co	family_witl	245	198	184	240	310	242	2.647017	2.743249	2.398593	4.024689
protein_co	transaldola	2333	1838	1952	3847	4371	4011	81.27371	82.10889	82.04709	208.0118
protein_co	unc-51-like	1705	1255	1414	2303	2891	2014	15.05602	14.21147	15.06549	31.56533
pseudogen	nucleosom	18	7	11	7	4	5	0.72949	0.363793	0.537883	0.440327
protein_co	ribosomal_	0	0	0	166	72	40	0	0	0	8.000958
protein_co	clavesin_1	1	1	5	2	2	2	0.012946	0.016601	0.0781	0.040188
protein_co	ribosomal_	1454	1169	1308	392	481	239	8.610518	8.87746	9.34589	3.603142
protein_co	UDP-GlcNA	125	78	74	10	41	12	3.127669	2.502734	2.234038	0.388366
protein_co	pseudourid	436	375	378	871	1265	1709	9.504439	10.48288	9.942139	29.47058
pseudogen	PEST_conta	0	0	1	0	0	0	0	0	0.117621	0
protein_co	chromodor	2701	2208	2367	463	312	467	9.66056	10.12712	10.21466	2.570332
protein_co	sperm_acro	0	2	2	9	16	32	0	0.123851	0.11653	0.674581
protein_co	olfactory_r	0	0	0	1	0	0	0	0	0	0.068274
protein_co	Parkinson_	1260	913	1012	899	1462	1229	13.56012	12.60007	13.14079	15.01699
protein_co	chromosor	16	14	13	1	0	1	0.393002	0.440973	0.385271	0.038125
pseudogen	-	110	93	93	94	106	85	8.109909	8.792565	8.272833	10.75676
protein_co	tripartite_r	1	0	0	38	62	31	0.021789	0	0	1.285145
protein_co	mannosida	2485	2000	2105	1025	1342	1047	23.08274	23.82322	23.59181	14.77799
protein_co	potassium_	0	1	0	8	13	6	0	0.017971	0	0.17401
protein_co	frizzled_fan	3483	2178	2622	271	384	481	51.26112	41.10568	46.56026	6.190623
protein_co	F-box_prot	2	0	0	0	1	0	0.055921	0	0	0
protein_co	potassium_	1	1	1	8	4	16	0.013607	0.017449	0.016418	0.168961
protein_co	topoisome	1094	798	874	848	1053	1111	12.64736	11.83027	12.19107	15.21629

protein_co	CASK_inter	862	560	622	1010	1444	868	8.05966	6.714394	7.016942	14.65755
pseudogen	olfactory_r	0	0	0	1	0	0	0	0	0	0.076289
protein_co	zinc_finger_	720	581	598	133	140	97	4.394223	4.547106	4.403508	1.259887
protein_co	chromosor	1	0	0	9	6	3	0.025008	0	0	0.349343
antisense	DLGAP1_ar	83	79	66	31	49	35	1.979589	2.416202	1.899279	1.147596
protein_co	-	2	5	1	12	20	14	0.057534	0.184447	0.034709	0.535802
pseudogen	ribosomal_	1	0	0	0	0	0	0.031833	0	0	0
protein_co	coiled-coil_	452	369	379	468	616	549	11.90022	12.45811	12.03937	19.12462
protein_co	chromosor	0	0	0	0	0	1	0	0	0	0
pseudogen	-	6	0	2	108	168	55	0.063551	0	0.025559	1.775518
protein_co	LRRN4_C-te	125	97	79	2	4	1	2.267409	2.256321	1.729	0.056309
processed_	-	0	0	0	0	1	2	0	0	0	0
protein_co	translocase	619	474	544	347	421	637	17.17451	16.86481	18.21129	14.94354
protein_co	hypermeth	1589	1127	1270	8	7	6	23.60844	21.47221	22.76644	0.184486
protein_co	protein_tyr	349	219	271	647	870	352	3.457557	2.782258	3.239375	9.948982
protein_co	melanoma_	1182	883	894	1286	1742	1114	32.97085	31.58513	30.08834	55.67806
protein_co	uromodulii	0	0	0	1	1	5	0	0	0	0.013374
antisense	-	26	26	25	45	89	50	0.521446	0.66868	0.604956	1.400809
protein_co	sterile_alpl	176	161	164	2	0	0	1.156804	1.357008	1.300586	0.020404
antisense	ZNFX1_anti	761	579	617	1073	1283	1014	33.19377	32.38619	32.47171	72.6444
pseudogen	-	0	1	1	1	6	1	0	0.116531	0.109642	0.141046
protein_co	PRKC_apop	865	626	771	2251	2694	1918	4.442969	4.123261	4.778148	17.94581
protein_co	TGFB-induc	1826	1538	1576	1857	2071	1424	28.25781	30.52133	29.42673	44.60465
protein_co	Smith-Mag	270	186	212	277	343	178	3.763467	3.324656	3.5654	5.992867
protein_co	nucleosom	183	114	146	24	47	55	3.697059	2.953381	3.558821	0.75257
pseudogen	-	1	0	1	1	0	9	0.080291	0	0.096876	0.124623
protein_co	Serine/thre	4	3	1	0	0	0	0.064036	0.061587	0.019316	0
protein_co	CD19_mole	3	1	1	39	52	12	0.060581	0.025896	0.024365	1.2224
protein_co	chromosor	17	12	5	25	22	19	0.452658	0.409743	0.160635	1.033217
protein_co	olfactory_r	0	0	0	0	1	0	0	0	0	0
protein_co	nuclear_rec	418	354	392	219	256	146	5.925038	6.434688	6.704232	4.818252
protein_co	G_protein-	0	0	0	2	3	1	0	0	0	0.047756
protein_co	acyl-CoA_th	17	16	12	35	47	25	0.337481	0.407314	0.287428	1.078448
protein_co	oligodendr	0	0	0	3	9	86	0	0	0	0.099426
protein_co	polymerase	22455	16916	17900	930	1239	740	275.0563	265.7146	264.5511	17.68161
protein_co	ariadne_ho	940	765	788	1191	1358	1425	8.935053	9.324811	9.037401	17.57161
protein_co	RNA_bindir	28	27	19	16	18	6	0.245039	0.303006	0.200622	0.217334
protein_co	zinc_finger_	497	386	397	314	366	345	4.472143	4.454059	4.310204	4.385503
protein_co	zinc_finger_	1	1	0	0	0	0	0.02029	0.026019	0	0
protein_co	variable_ch	0	1	0	2	4	0	0	0.074143	0	0.179482
protein_co	iroquois_h	81	46	54	25	19	23	1.460243	1.063426	1.174578	0.699537
protein_co	ST8_alpha-l	0	0	0	46	79	105	0	0	0	0.282927
protein_co	reprimo_TF	0	0	0	355	445	592	0	0	0	17.56413
protein_co	solute_carr	972	709	746	773	984	1004	15.74882	14.73118	14.58373	19.4398
protein_co	rabaptin_R	963	709	766	335	416	436	16.00677	15.11238	15.36223	8.642763
protein_co	nescient_h	0	0	0	184	319	125	0	0	0	1.853236
protein_co	ATX1_antic	752	531	588	336	307	289	8.12285	7.3552	7.663303	5.633267
protein_co	family_witl	0	0	0	1	3	1	0	0	0	0.061469
protein_co	transducin_	1849	1481	1611	1400	1470	1625	10.90836	11.20436	11.46743	12.81979
protein_co	sterile_alpl	48	27	37	95	115	84	0.25386	0.183116	0.236104	0.779842
protein_co	CD163_mo	2	4	7	0	0	2	0.017654	0.045278	0.074554	0
protein_co	chromosor	9	5	3	6	5	7	0.374122	0.266533	0.150467	0.387127
protein_co	p53-induce	489	352	438	734	1014	495	5.099915	4.707671	5.511582	11.88176
protein_co	zinc_finger_	33	15	17	5	7	0	0.626212	0.365013	0.389228	0.147268
protein_co	ribosomal_	7951	6365	6669	10482	11021	10639	477.3656	490.0463	483.1012	976.7963
protein_co	germ_cell_a	129	94	126	332	454	352	2.11719	1.978369	2.495105	8.457436
protein_co	jun_proto-	4452	3451	3822	450	532	538	62.85888	62.48357	65.11038	9.861762
protein_co	cleavage_st	1061	827	886	728	913	1189	12.10764	12.10205	12.19905	12.89455
protein_co	piggyBac_tr	88	73	63	686	759	661	1.198467	1.274898	1.035218	14.501
protein_co	chromosor	1	0	0	0	0	0	0.052864	0	0	0
protein_co	glucosidase	771	571	596	132	152	232	15.06342	14.30588	14.04958	4.002889
antisense	cancer_sus	7	6	6	5	10	8	0.100438	0.110397	0.103872	0.111352
protein_co	acyl-CoA_d	755	584	628	255	346	454	14.42623	14.30962	14.47817	7.562693
protein_co	interleukin	247	210	245	347	502	433	1.34563	1.467092	1.610433	2.934192
protein_co	patatin-like	580	402	467	711	919	655	9.976599	8.86727	9.692135	18.98255

protein_co	membrane_	3	0	0	1	0	2	0.093036	0	0	0.048135
protein_co	angiotensir	785	605	642	1207	1363	1122	32.98267	32.59725	32.54612	78.71435
protein_co	CD163_mo	88	58	66	2	2	4	0.894111	0.755694	0.809097	0.031541
protein_co	serine/argi	39	26	28	616	963	315	0.506007	0.432588	0.438327	12.40519
protein_co	THAP_dom	265	215	243	110	122	150	3.758577	3.910437	4.158454	2.42159
protein_co	EF-hand_ca	16	20	22	519	753	413	0.307476	0.492867	0.510107	15.48062
protein_co	SMT3_supp	4	0	3	1	0	5	0.274612	0	0.248501	0.106559
protein_co	DnaJ_(Hsp4	16	10	9	24	20	15	0.461686	0.37003	0.313341	1.074902
protein_co	N-acetylate	60	51	46	8	14	12	0.56802	0.619144	0.525434	0.117553
protein_co	CD151_mo	4380	3163	3440	1235	1827	1330	113.9092	105.4856	107.9422	49.85194
antisense	-	0	1	0	1	0	1	0	0.031647	0	0.038305
protein_co	polymerase	1038	796	920	824	1067	990	54.56484	53.65843	58.35142	67.23157
protein_co	family_witl	2806	1976	2113	1293	1973	1286	47.82748	43.19029	43.45476	34.2073
protein_co	poliovirus_	459	404	407	275	319	573	5.87405	6.630032	6.284452	5.462458
protein_co	solute_carr	1	6	4	1	0	2	0.035496	0.27311	0.171311	0.055094
protein_co	annexin_A2	33	19	28	27	30	23	0.692646	0.511399	0.709093	0.879613
pseudogen	-	5	4	4	1	0	2	0.099008	0.101571	0.095567	0.030735
protein_co	KIAA0195	1596	1156	1213	1294	1520	1328	13.28773	12.34198	12.18503	16.72178
protein_co	flightless_I	4467	3615	3819	3902	4800	3428	48.2844	50.10816	49.80679	65.46491
protein_co	SRY_(sex_d	4339	3194	3485	3054	4173	2867	43.97143	41.50736	42.61198	48.0375
protein_co	heterogene	8486	6197	6745	9901	14868	12529	134.2019	125.6743	128.7021	243.033
pseudogen	-	0	1	2	2	1	2	0	0.109927	0.206857	0.266105
processed_	-	153	94	121	74	110	119	3.00426	2.366918	2.866682	2.25532
lincRNA	family_witl	2	1	6	0	1	0	0.048241	0.030931	0.174616	0
protein_co	zinc_finger_	152	108	109	158	294	156	2.207272	2.011155	1.909796	3.561229
pseudogen	CDKN2A_ir	1	1	0	0	0	0	0.155265	0.199105	0	0
pseudogen	ribosomal_	0	0	0	3	6	0	0	0	0	0.363294
processed_	-	2	4	1	2	8	4	0.108042	0.277096	0.065179	0.167695
protein_co	myozenin_	6	7	4	75	107	34	0.18257	0.27314	0.146854	3.542171
protein_co	transmemb	0	0	0	0	1	0	0	0	0	0
pseudogen	-	1	0	0	0	0	0	0.07137	0	0	0
protein_co	potassium_	0	0	0	3	4	3	0	0	0	0.041251
processed_	-	1274	970	1085	73	89	91	26.43269	25.80792	27.16125	2.350852
protein_co	chitinase_d	1766	1348	1401	1103	1311	1228	23.41187	22.9163	22.40947	22.6961
pseudogen	protocadhe	175	170	167	29	43	26	1.945875	2.424014	2.240481	0.500501
protein_co	zinc_finger_	15	12	13	165	232	276	0.213719	0.219252	0.223483	3.648942
processed_	zinc_finger_	307	210	255	580	486	730	1.737716	1.524295	1.74152	5.09564
protein_co	transmemb	120	121	100	136	194	63	2.99298	3.870056	3.009335	5.264922
pseudogen	calcyclin_b	13	5	9	14	17	19	0.899071	0.443435	0.751002	1.502828
protein_co	coiled-coil_	158	101	127	140	146	130	10.46416	8.577838	10.14843	14.39149
protein_co	zinc_finger_	32	20	33	28	41	21	0.3613	0.289573	0.449553	0.49069
protein_co	chromosor	9	5	4	18	19	21	0.180038	0.128263	0.096545	0.558889
protein_co	adaptor-rel	954	749	794	612	709	631	25.85727	26.03307	25.96587	25.74638
protein_co	growth_fac	1899	1419	1481	1196	1519	1346	23.87883	22.88125	22.46938	23.34262
protein_co	zinc_finger_	243	208	246	59	27	27	3.015156	3.309605	3.682872	1.136282
protein_co	ubiquitin-c	2175	1645	1728	1780	1999	2507	27.78147	26.94457	26.63102	35.28958
pseudogen	SPATA31_s	1	0	0	0	1	0	0.012415	0	0	0
protein_co	ADP-ribosy	521	408	409	761	1108	837	8.70934	8.746152	8.249334	19.74525
protein_co	zinc_finger_	163	149	170	134	213	174	1.412507	1.655764	1.77746	1.802346
protein_co	MAM_dom	162	90	111	67	124	90	1.84822	1.316711	1.527952	1.186435
protein_co	CENPB_DN	36	31	28	24	41	57	0.616748	0.681046	0.578778	0.638186
protein_co	outer_dens	0	3	2	1	2	0	0	0.059086	0.037062	0.023839
protein_co	Bet1_golgi_	1133	822	850	349	397	337	18.21893	16.95017	16.49149	8.710614
protein_co	ribosomal_	7980	6054	6248	11362	10862	9117	598.6917	582.4413	565.574	1323.079
protein_co	resistance_	3557	2753	2924	1113	1313	1611	45.04126	44.70357	44.67372	21.87521
protein_co	IMP3_U3_s	473	311	382	890	1075	1211	10.93638	9.221088	10.65673	31.93985
protein_co	ankyrin_rep	357	272	263	77	107	86	6.401429	6.254419	5.690003	2.143038
protein_co	lipocalin_1	0	0	0	11	7	6	0	0	0	0.277497
protein_co	outer_dens	8	4	13	9	21	2	0.21784	0.139674	0.427109	0.380382
protein_co	dpy-19-like	111	83	97	28	34	26	1.281968	1.229254	1.351681	0.50193
protein_co	SPATA31_s	2	2	2	0	1	4	0.020942	0.026856	0.025268	0
processed_	ZNRF3_anti	4	1	2	3	5	2	0.086433	0.02771	0.052143	0.100617
protein_co	chromosor	0	1	0	0	0	0	0	0.031301	0	0
protein_co	G_protein-r	7	0	2	2	6	3	0.158949	0	0.054795	0.070489
protein_co	TSPY-like_6	0	0	0	0	1	1	0	0	0	0

protein_co	family_witl	280	200	218	224	319	118	4.461164	4.086293	4.190778	5.539475
protein_co	DNA_meth	831	589	642	424	489	729	8.560106	7.780415	7.979234	6.779138
protein_co	ADAMTS-lik	10570	9051	9462	26	24	13	61.72198	67.77519	66.66469	0.235651
protein_co	family_witl	408	343	369	0	0	5	1.955348	2.107984	2.133725	0
protein_co	IMP_(inosi	2454	2084	2098	6403	6736	4982	70.03536	76.26932	72.2431	283.633
protein_co	ALS2_C-ter	18	15	18	116	177	105	0.128018	0.136804	0.154461	1.280518
protein_co	myeloid_le	174	156	176	224	212	163	2.676792	3.077509	3.266827	5.348647
protein_co	protease_s	0	0	0	1	1	0	0	0	0	0.056859
protein_co	NADH_deh	653	488	508	219	284	226	15.21828	14.58417	14.28447	7.921857
protein_co	chromosor	301	266	244	398	501	327	3.785916	4.290377	3.702903	7.769947
protein_co	GRAM_don	36	38	41	25	34	18	0.404128	0.547027	0.555326	0.435599
protein_co	signal_tran	33	17	33	392	488	328	0.757401	0.500346	0.913848	13.9646
pseudogen	unc-51-like	4	2	1	13	13	3	0.161969	0.103851	0.048856	0.817044
pseudogen	twinfilin_1	6	8	7	3	1	1	0.267943	0.458132	0.37717	0.207942
protein_co	5-hydroxyt	0	0	0	2	0	2	0	0	0	0.085775
protein_co	testis-speci	32	23	26	114	230	75	0.597087	0.550332	0.585341	3.301591
protein_co	bolA_homo	103	86	104	199	223	94	4.406635	4.718214	5.368479	13.21458
protein_co	phosphodi	2183	1783	1801	531	635	600	11.60028	12.14998	11.5472	4.379655
protein_co	DEAD_(Asp	632	514	550	817	808	703	4.418442	4.608128	4.639411	8.865528
lincRNA	-	0	1	0	0	0	1	0	0.16796	0	0
protein_co	golgin_A8_	7	3	8	0	2	2	0.172844	0.094992	0.238338	0
protein_co	protein_ph	1	0	1	2	2	0	0.036576	0	0.044131	0.113541
protein_co	NADH_deh	25	13	20	29	43	17	1.244427	0.829817	1.201178	2.240567
pseudogen	-	0	3	2	1	2	3	0	0.114898	0.072071	0.046357
protein_co	DALR_antic	574	463	489	551	641	402	9.01067	9.32042	9.261942	13.4254
protein_co	zinc_finger	16	16	22	163	204	224	0.30276	0.388247	0.502285	4.787372
pseudogen	-	0	1	0	48	62	56	0	0.015063	0	0.875108
protein_co	zinc_finger	531	478	479	450	502	248	3.611633	4.169139	3.930906	4.75064
protein_co	APC_memb	0	0	0	7	4	6	0	0	0	0.082544
protein_co	serine_pep	0	0	1	0	0	0	0	0	0.082472	0
protein_co	ligand_dep	230	220	200	190	141	138	2.153065	2.640957	2.258954	2.760663
protein_co	par-6_parti	525	393	465	550	837	489	6.364338	6.109361	6.801347	10.34873
protein_co	zinc_finger	1	4	4	44	71	38	0.020107	0.103139	0.097042	1.373204
protein_co	SH2B_adap	1239	804	993	853	1201	990	9.613889	8.000059	9.29662	10.27324
protein_co	zinc_finger	2	5	1	4	1	3	0.030788	0.098703	0.018574	0.095574
protein_co	vomeronas	1	4	1	0	2	1	0.035712	0.183183	0.043089	0
protein_co	KDEL_(Lys-	2195	1748	1876	290	377	357	23.53077	24.02992	24.26512	4.825364
protein_co	plectin	56204	42455	47486	7806	11576	6319	172.8249	167.4084	176.1784	37.25616
protein_co	SH2_doma	0	2	0	0	4	2	0	0.030193	0	0
protein_co	ring_finger	1	3	3	16	14	6	0.020107	0.077354	0.072782	0.499347
protein_co	protease_s	7	1	11	22	33	14	0.115574	0.021172	0.21913	0.563787
protein_co	zinc_finger	107	98	75	147	214	185	1.371203	1.610473	1.159651	2.923922
protein_co	transmemb	31	14	24	217	329	207	0.296954	0.171975	0.277388	3.226398
protein_co	UDP-N-acet	791	604	653	436	562	272	9.601347	9.401604	9.563501	8.214339
protein_co	SLIT_and_N	25	16	16	19	28	14	0.226085	0.18555	0.174582	0.266696
protein_co	WD_repeat	4286	3288	3642	3122	3905	4320	45.66476	44.92315	46.81845	51.62884
protein_co	Gen_endor	344	266	303	278	281	524	2.533401	2.512098	2.692379	3.177758
protein_co	transmemb	24	22	22	31	64	20	0.337845	0.397135	0.37366	0.677326
protein_co	aquaporin_	25	22	14	44	52	32	0.544726	0.61471	0.368056	1.488063
protein_co	transmemb	583	504	503	591	649	651	13.04863	14.46559	13.58352	20.5312
protein_co	zinc_finger	106	98	103	110	141	70	1.773855	2.103041	2.079685	2.857166
protein_co	potassium_	10	8	2	17	33	6	0.304877	0.312769	0.07357	0.804458
protein_co	shisa_homo	151	77	74	444	675	271	3.592284	2.349059	2.124093	16.39484
protein_co	olfactory_r	0	0	0	1	0	0	0	0	0	0.06866
protein_co	zinc_finger	172	130	142	66	63	85	7.440113	7.211138	7.411182	4.431243
protein_co	pleckstrin_	112	103	111	35	53	50	1.423606	1.678875	1.702326	0.69051
protein_co	zinc_finger	22	12	12	9	7	10	0.426625	0.298411	0.280772	0.270893
protein_co	5-hydroxyt	0	2	1	6	2	12	0	0.075256	0.035404	0.273266
protein_co	chromosor	0	0	0	0	1	0	0	0	0	0
protein_co	family_witl	416	318	324	435	491	233	8.81041	8.636529	8.279342	14.29955
protein_co	DnaJ_(Hsp4	25	14	18	5	3	5	0.446062	0.320326	0.387503	0.13847
protein_co	neurogenir	0	0	0	0	0	2	0	0	0	0
protein_co	differential	50	31	36	7	16	12	1.121771	0.891877	0.974506	0.24376
protein_co	BEN_doma	319	230	253	973	1267	2498	2.251342	2.081555	2.154365	10.65845
lincRNA	-	0	3	3	1	0	6	0	0.162367	0.152769	0.065508

protein_co	5'-nucleoti	286	206	234	476	515	447	4.301009	3.972655	4.245885	11.11071
pseudogen	ribosomal_	6	1	4	8	12	11	0.357939	0.076501	0.287916	0.740761
pseudogen	-	2	2	2	2	6	7	0.056871	0.072929	0.068618	0.088271
lincRNA	long_interg	40	42	33	19	18	29	3.337368	4.493686	3.322049	2.460527
protein_co	glycine_del	150	122	155	3910	4669	3964	1.867136	1.947395	2.327901	75.54261
protein_co	cytochrom	268	210	229	223	258	218	17.00477	17.08695	17.53152	21.96197
pseudogen	H3_histone	15	13	14	24	28	28	1.711314	1.901916	1.927146	4.249915
protein_co	minichrom	3	1	10	27	29	14	0.027604	0.011799	0.111019	0.385607
protein_co	tubulin_alp	0	0	0	0	0	1	0	0	0	0
pseudogen	-	20	22	21	22	23	18	1.453954	2.050939	1.841993	2.482412
protein_co	prolyl_4-hy	275	183	228	268	369	159	2.439878	2.082072	2.440722	3.690631
protein_co	deltex_hon	617	500	508	409	568	467	9.043808	9.398218	8.984169	9.305076
protein_co	kelch-like_f	133	80	80	104	118	92	2.617026	2.018625	1.899304	3.17629
protein_co	cortexin_1	850	577	645	598	914	807	31.33374	27.27586	28.68805	34.21566
protein_co	solute_carr	232	201	184	74	90	83	5.789507	6.432192	5.540124	2.866261
protein_co	carbonic_a	1	1	0	168	269	137	0.012301	0.015774	0	3.207504
protein_co	EPM2A_(laf	776	605	653	286	359	339	4.891337	4.890244	4.966233	2.798094
protein_co	v-erb-a_ery	11	6	5	27	20	27	0.042515	0.029738	0.023317	0.161973
protein_co	v-maf_musc	710	520	530	110	171	74	5.214899	4.89779	4.696901	1.254038
protein_co	catenin_be	1443	1095	1133	625	801	557	22.5541	21.94738	21.36668	15.16246
protein_co	prosaposin	4	3	0	1	0	2	0.040086	0.038553	0	0.015555
protein_co	otospiralin	0	1	0	0	0	0	0	0.09366	0	0
protein_co	GTP_bindir	1563	1140	1235	831	1071	1108	36.35372	34.00197	34.65811	30.00001
protein_co	endoplasm	195	127	163	54	70	29	2.27169	1.897263	2.291132	0.976425
protein_co	G_protein-	8	2	5	0	3	4	0.166794	0.053472	0.125779	0
pseudogen	actin_gamr	8	3	4	4	10	2	0.332259	0.159778	0.200445	0.257856
protein_co	Uncharacte	1	0	1	3	8	3	0.022361	0	0.026979	0.10412
pseudogen	-	5	2	2	3	7	5	0.075386	0.038669	0.036383	0.070206
protein_co	chromosor	0	0	0	0	2	0	0	0	0	0
pseudogen	armadillo_	2	2	3	2	1	5	0.109684	0.140654	0.198511	0.170245
protein_co	cysteine-se	265	194	193	94	115	44	1.054111	0.989581	0.926287	0.580361
protein_co	zinc_finger	59	41	46	28	38	26	0.779299	0.694457	0.733091	0.574038
protein_co	poly_(ADP-	73	57	53	61	56	54	0.978831	0.980097	0.85745	1.269536
protein_co	dynactin_a	0	0	0	3	3	5	0	0	0	0.107716
protein_co	suppressor	756	673	702	474	573	693	7.89331	9.010767	8.843466	7.681502
protein_co	NOP2/Sun_	124	141	121	74	90	91	1.767821	2.577775	2.081373	1.63749
protein_co	potassium_	1874	1404	1314	266	322	347	14.14095	13.58581	11.96334	3.115453
protein_co	dihydrofola	165	106	110	98	82	44	1.916011	1.578444	1.541185	1.766325
protein_co	ribonuclea	81	72	81	1416	1958	1435	1.245684	1.419923	1.50299	33.8
protein_co	glutamate_	1850	1451	1471	1065	1067	932	44.07852	44.3335	42.28789	39.38541
protein_co	chromosor	2	1	0	0	0	0	0.031576	0.020246	0	0
pseudogen	glutamate-	0	0	0	1	1	0	0	0	0	0.064866
protein_co	thrombom	4	2	2	12	17	31	0.045646	0.029267	0.027537	0.212547
protein_co	glycoprotei	0	0	0	1	0	0	0	0	0	0.020594
protein_co	cytochrom	909	809	772	1690	1869	1753	33.61437	38.36357	34.44502	97.00147
protein_co	syntaxin_1	2	2	1	3	6	4	0.080984	0.103851	0.048856	0.188549
protein_co	family_witl	187	131	155	161	246	111	3.800795	3.414392	3.801128	5.079128
protein_co	family_witl	581	491	471	445	566	406	5.789014	6.273636	5.662359	6.882068
protein_co	zinc_finger	366	283	307	633	808	529	3.713056	3.681682	3.757828	9.967463
protein_co	carboxypep	2	8	2	2	0	0	0.030971	0.158863	0.037368	0.048071
protein_co	copine_VII	99	88	75	203	261	164	1.747125	1.991502	1.596975	5.560519
protein_co	chromosor	0	0	1	6	8	26	0	0	0.098736	0.762092
protein_co	CD300_mo	2	0	2	0	0	0	0.041024	0	0.049497	0
protein_co	glycerophо	2	0	3	3	2	0	0.037023	0	0.067006	0.086198
protein_co	mannose_p	513	397	420	657	677	535	7.84559	7.785887	7.750069	15.59567
antisense	ADORA2A_	14	6	12	8	10	4	0.255631	0.14049	0.264372	0.226728
protein_co	tripartite_r	6	2	1	7	3	0	0.072604	0.031035	0.0146	0.131473
processed_	5-oxoprolir	594	387	481	578	883	466	6.906191	5.769956	6.747537	10.43063
protein_co	transmemb	14	11	14	149	197	118	0.587174	0.591617	0.708459	9.699634
protein_co	transmemb	2	3	0	8	18	10	0.039354	0.075698	0	0.24433
protein_co	EF-hand_ca	30	28	39	25	48	20	0.357848	0.428297	0.561293	0.462858
protein_co	musculin	1322	884	1025	35	46	72	30.64192	26.27521	28.6653	1.259166
protein_co	apolipopro	63	50	51	15	18	13	0.635831	0.647114	0.62104	0.234976
protein_co	family_witl	95	58	64	160	190	122	2.073814	1.623616	1.685676	5.421214
protein_co	exosome_c	206	125	179	194	225	218	9.069806	7.057488	9.508935	13.25754

protein_co	dpy-19-like	1250	1018	1049	908	1082	1055	9.744393	10.17658	9.866618	10.98654
protein_co	TAF7_RNA_	944	867	858	796	876	842	19.46534	22.92548	21.34643	25.47613
protein_co	zinc_finger_	66	68	57	83	115	63	0.875457	1.156669	0.91225	1.708833
protein_co	forkhead_b	0	0	0	0	0	1	0	0	0	0
protein_co	phosphorib	2103	1546	1690	3163	4021	5125	18.35965	17.30789	17.80164	42.86027
protein_co	hydroxypyr	79	46	68	26	40	29	1.704699	1.272881	1.770425	0.870812
protein_co	chromosor	1713	1385	1392	935	1136	1137	18.56312	19.24654	18.20039	15.72663
protein_co	tetra-pepti	0	0	0	1	0	0	0	0	0	0.035347
protein_co	lectin_gala	1	0	1	0	0	0	0.088139	0	0.106345	0
protein_co	zinc_finger_	100	57	61	125	152	152	1.993623	1.457227	1.467307	3.867974
lincRNA	long_interg	7	11	8	127	178	79	0.112678	0.227061	0.155374	3.173029
protein_co	cyclin_G_a	2704	2044	2208	2049	2912	2382	28.54359	27.66891	28.12218	33.57177
protein_co	zinc_finger_	1368	972	1102	732	1018	707	11.83061	10.77945	11.49875	9.825676
protein_co	Tu_translat	4499	3361	3524	5504	5974	5588	101.863	97.58389	96.26851	193.4235
protein_co	chromosor	4	1	3	2	0	0	0.026199	0.008399	0.023708	0.020332
protein_co	RMI1_RecC	254	168	194	361	387	489	3.486553	2.957203	3.213012	7.691308
protein_co	CTS_telome	196	160	175	231	372	278	1.915873	2.00558	2.063939	3.504718
pseudogen	-	11	9	6	24	28	9	0.202112	0.212056	0.133015	0.68445
protein_co	F-box_prot	603	498	524	289	314	178	8.162437	8.644526	8.558188	6.071987
lincRNA	long_interg	7	6	6	2	4	5	0.157651	0.173285	0.163042	0.069913
protein_co	selenoprot	2257	1649	1755	2345	2488	2576	42.28157	39.61408	39.6684	68.18563
protein_co	eukaryotic_	1697	1307	1468	2526	2613	2605	59.9641	59.22354	62.58692	138.5394
protein_co	Morf4_fam	958	802	859	752	835	926	21.11925	22.67235	22.84831	25.73127
protein_co	sorting_nex	1279	904	1003	586	794	664	11.15764	10.11299	10.55725	7.934691
protein_co	exonucleas	1	0	0	6	8	3	0.015938	0	0	0.148429
protein_co	aurora_kin	1020	873	882	2558	2914	2329	38.29289	42.02827	39.95164	149.0558
protein_co	chromosor	10	10	8	9	14	9	0.16669	0.213757	0.160897	0.232854
protein_co	Morf4_fam	6858	5489	5729	4700	5804	6291	156.9408	161.0798	158.185	166.9424
protein_co	chromosor	285	238	226	177	232	311	5.075448	5.435204	4.856082	4.892527
protein_co	kelch_dom	0	0	0	214	298	511	0	0	0	3.081084
protein_co	transmemb	133	108	112	94	105	77	2.644772	2.754036	2.687217	2.901315
pseudogen	-	1	0	1	2	0	2	0.06027	0	0.072719	0.187095
protein_co	-	4	4	3	2	3	3	0.150289	0.192724	0.135999	0.116634
protein_co	RRS1_ribos	345	260	258	547	748	1136	9.493577	9.174734	8.56601	23.363
protein_co	exocyst_co	25	21	22	42	57	33	0.467032	0.503078	0.495881	1.217829
protein_co	tripartite_r	3	1	4	884	1074	1663	0.085827	0.036687	0.138073	39.25402
protein_co	regulator_c	6348	5011	5319	10839	14671	15983	72.8304	73.7241	73.62983	193.0169
protein_co	immunoglo	9	6	2	13	21	8	0.098508	0.084215	0.026412	0.220854
protein_co	chromosor	8	7	3	0	0	1	0.231556	0.25982	0.104769	0
protein_co	ZFP42_zinc	0	0	0	6	7	0	0	0	0	0.164722
pseudogen	-	1	0	0	1	3	3	0.128115	0	0	0.198852
protein_co	Uncharacte	0	0	0	5	10	1	0	0	0	0.28676
protein_co	coiled-coil_	1	2	1	0	0	0	0.019312	0.04953	0.023301	0
processed_	chromosor	7	8	5	6	11	0	0.104366	0.152953	0.089945	0.138849
protein_co	family_witl	5	4	5	7	7	10	0.068633	0.07041	0.08281	0.149139
protein_co	dolichyl-ph	421	344	335	432	498	324	38.18317	40.00899	36.65918	60.81407
protein_co	chromosor	0	0	0	1	0	0	0	0	0	0.034823
protein_co	cytochrom	2864	2106	2328	3600	4576	3565	73.30404	69.12301	71.89289	143.0171
protein_co	period_circ	592	418	526	898	1018	647	5.897364	5.339761	6.322226	13.88491
protein_co	5-hydroxyt	4	3	3	3	10	3	0.061015	0.058682	0.055214	0.071028
pseudogen	-	2	4	0	6	3	8	0.23445	0.601298	0	1.091697
protein_co	transmemb	436	306	295	110	135	61	3.291587	2.96244	2.687132	1.288968
protein_co	hairy_and_	77	49	72	43	50	18	2.156829	1.760072	2.433355	1.869493
protein_co	phenylalan	2074	1522	1542	1788	2317	2386	47.27754	44.49079	42.411	63.26217
protein_co	SPT2_Supp	816	713	719	366	373	345	6.649679	7.450911	7.06948	4.629372
pseudogen	-	0	1	0	0	0	0	0	0.165647	0	0
protein_co	chromosor	1	3	2	0	2	1	0.016752	0.064448	0.040426	0
protein_co	sterile_alph	3199	2394	2600	2861	3870	2781	33.19344	31.85455	32.55063	46.07723
lincRNA	long_interg	0	0	0	1	4	1	0	0	0	0.024646
antisense	MTUS2_ant	0	0	0	1	0	0	0	0	0	0.065332
protein_co	GTPase_IM	4	1	0	0	0	1	0.149331	0.047874	0	0
protein_co	arachidona	1	2	0	1	12	0	0.013947	0.03577	0	0.021648
protein_co	enhancer_c	1065	866	912	944	1061	1011	13.27076	13.838	13.71163	18.25781
protein_co	T_cell_activ	313	252	270	161	125	129	3.980628	4.109766	4.143039	3.178071
pseudogen	-	0	0	0	1	1	0	0	0	0	0.098218

protein_co	fucosidase_	43	54	64	119	141	81	0.984988	1.586228	1.768848	4.23097
protein_co	peroxisoma	1	0	0	7	1	0	0.022244	0	0	0.241679
protein_co	gametogen	111	42	74	41	38	29	2.324606	1.127937	1.869847	1.332725
protein_co	transmemb	0	0	0	282	376	252	0	0	0	11.094
protein_co	zinc_finger_	1508	1280	1348	1545	1880	1809	13.84302	15.06776	14.93026	22.01347
protein_co	SIGLEC_fam	0	0	0	2	0	0	0	0	0	0.085222
protein_co	calreticulin	32388	23652	25771	9411	11453	13771	798.042	747.341	766.1626	359.9215
lincRNA	long_interg	0	2	0	1	4	4	0	0.076794	0	0.046475
protein_co	melanoma_	16644	13027	13888	2909	3450	2674	144.0453	144.5756	145.0204	39.07649
protein_co	Protein_LO	66	58	51	86	116	47	0.577054	0.650294	0.538011	1.167082
protein_co	low_densit	694	505	496	287	348	447	8.568107	7.995141	7.388481	5.499685
protein_co	cadherin_4	699	575	706	499	704	588	5.033961	5.310188	6.134589	5.57781
protein_co	Uncharacte	1	0	0	0	0	0	0.023445	0	0	0
protein_co	single-pass_	31	21	27	1	0	0	0.69087	0.600155	0.726016	0.034591
protein_co	RAD23_hor	2180	1660	1671	1725	2157	1336	58.54538	57.16808	54.14529	71.90444
protein_co	chromosor	0	1	0	0	0	0	0	0.008536	0	0
protein_co	growth_arr	1235	1023	1039	1457	2039	1547	77.93967	82.78975	79.11433	142.7189
pseudogen	Meis_home	0	0	0	0	0	1	0	0	0	0
protein_co	DAN_doma	2	2	0	4	2	0	0.050203	0.064379	0	0.155845
protein_co	transmemb	4	4	4	37	72	23	0.073208	0.093879	0.08833	1.051074
protein_co	chromosor	131	77	96	634	750	674	1.903499	1.434767	1.683064	14.29885
protein_co	protein_tyr	3161	2507	2640	2315	2695	2549	24.29427	24.70831	24.48112	27.616
pseudogen	centaurin_	16	8	17	13	20	13	0.301908	0.193577	0.387036	0.380739
protein_co	NOP2/Sun_	37	42	35	530	675	353	0.469154	0.682924	0.535463	10.43085
protein_co	zinc_finger_	3	4	14	0	0	0	0.053123	0.090831	0.299115	0
protein_co	family_with	182	148	152	66	90	61	2.896804	3.020777	2.919035	1.630505
protein_co	WSC_doma	121	83	84	1473	1786	1041	0.964258	0.848194	0.807672	18.21969
protein_co	RAB39A_m	0	3	2	64	111	41	0	0.098573	0.061831	2.545305
protein_co	CDC-like_ki	920	667	756	573	613	337	11.39129	10.59059	11.29419	11.0121
pseudogen	-	0	1	3	0	0	0	0	0.056249	0.158771	0
protein_co	major_hist	7	8	3	83	94	90	0.070678	0.103583	0.036547	1.300759
protein_co	GATA_bind	1	0	1	12	7	35	0.013926	0	0.016803	0.259387
protein_co	AT_rich_int	386	281	330	3759	4432	4246	4.237777	3.956093	4.371322	64.05509
pseudogen	high_mobil	8	2	5	2	2	1	0.19507	0.062537	0.147102	0.075694
protein_co	transmemb	0	1	0	2	1	2	0	0.082596	0	0.199945
protein_co	phosphofur	2024	1594	1636	1546	2082	1608	14.98822	15.13691	14.61742	17.76967
protein_co	ELMO/CED-	609	510	569	411	432	466	6.476757	6.955363	7.301307	6.784418
protein_co	early_grow	494	350	360	0	1	0	5.342174	4.853651	4.697228	0
protein_co	chromosor	5	7	3	6	8	17	0.070342	0.126285	0.050923	0.131017
protein_co	glypican_5	20	12	9	2	6	4	0.324611	0.24976	0.176248	0.050384
protein_co	von_Willeb	414	286	310	732	1068	752	4.303362	3.812264	3.88792	11.80998
lincRNA	long_interg	112	94	119	75	122	66	1.116904	1.202084	1.431834	1.160886
protein_co	DnaJ_(Hsp4	0	1	0	0	1	0	0	0.017869	0	0
protein_co	gem_(nucle	712	508	563	1035	1193	1315	7.059778	6.45928	6.735464	15.92876
pseudogen	olfactory_r	0	0	0	1	0	0	0	0	0	0.066163
antisense	-	1	0	0	1	0	0	0.034377	0	0	0.053358
protein_co	four_jointe	932	675	764	171	312	321	16.27616	15.11643	16.09821	4.635138
pseudogen	-	1	1	0	0	0	0	0.049358	0.063295	0	0
antisense	-	0	0	0	0	3	1	0	0	0	0
lincRNA	-	0	1	0	0	0	0	0	0.232161	0	0
protein_co	kelch-like_f	177	133	133	61	61	73	3.465358	3.339149	3.141771	1.853682
protein_co	zinc_finger_	437	323	363	297	382	283	5.320939	5.043346	5.332877	5.612984
pseudogen	-	1	3	1	0	0	0	0.106327	0.409046	0.128289	0
protein_co	chromosor	69	41	69	63	71	25	0.924932	0.70478	1.115983	1.310785
protein_co	arachidona	0	0	0	8	14	1	0	0	0	0.232709
protein_co	solute_carr	0	0	0	2	0	0	0	0	0	0.036545
lincRNA	-	130	94	92	165	209	89	2.129131	1.974223	1.818004	4.194435
protein_co	SHANK-assc	1629	1217	1391	787	1046	745	43.27696	41.4606	44.58727	32.45196
protein_co	ladybird_h	19	25	20	4	0	0	0.613575	1.035293	0.779277	0.200495
protein_co	dynein_hea	305	287	338	257	306	99	0.962283	1.161166	1.286672	1.258539
protein_co	SLIT_and_N	11	11	9	119	114	92	0.060291	0.077315	0.059518	1.012367
protein_co	5-hydroxyt	8	15	9	30	24	25	0.132318	0.318147	0.179605	0.770157
protein_co	GRIP_and_(	661	453	552	375	506	578	7.470306	6.565148	7.527038	6.578073
protein_co	leucine-rich	2	1	0	13	10	4	0.062771	0.040248	0	0.633291
protein_co	ring_finger_	4	1	1	4	3	3	0.219883	0.070492	0.066325	0.341289

protein_co	class_II_ma	12	10	18	17	12	11	0.059619	0.06371	0.1079	0.131093
protein_co	zinc_finger_	255	191	215	357	447	167	3.389159	3.255326	3.44777	7.364623
protein_co	arachidona	0	0	0	2	2	4	0	0	0	0.049443
protein_co	phospholip	3	4	7	5	3	4	0.054949	0.093953	0.154699	0.142148
protein_co	glutamate_	2	7	5	33	29	30	0.023116	0.103749	0.069726	0.591997
protein_co	CDC42_effe	1032	788	820	458	527	364	14.78927	14.48114	14.17846	10.18739
pseudogen	diacylglyce	23	20	28	65	54	46	0.388498	0.433212	0.570646	1.704138
protein_co	zinc_finger_	179	136	150	219	413	152	2.208767	2.152014	2.233244	4.194415
protein_co	laccase_(m	48	34	43	88	57	66	0.52809	0.479684	0.570799	1.502727
protein_co	MAF1_hom	2585	2043	2123	2413	3404	2156	69.1053	70.03716	68.47765	100.1241
protein_co	tubulin_po	1	0	0	2	5	0	0.027647	0	0	0.085825
protein_co	reprimo-lik	0	0	0	12	11	14	0	0	0	0.799778
protein_co	ADP-ribosy	0	0	1	0	0	0	0	0	0.043993	0
protein_co	KIAA1875	43	32	45	42	64	35	0.283224	0.270284	0.35762	0.429379
protein_co	PC-esterase	52	41	51	98	128	109	1.047372	1.058987	1.239412	3.063755
processed_	-	76	47	55	197	254	140	1.443939	1.145097	1.260799	5.809409
protein_co	apolipopro	213	158	183	90	127	47	5.416255	5.152119	5.614597	3.552159
protein_co	syncollin	1	0	0	0	0	0	0.081832	0	0	0
protein_co	pipecolic_a	15	5	9	522	522	755	0.291847	0.124751	0.211278	15.76392
pseudogen	ATPase_clas	9	0	1	4	8	0	0.106514	0	0.01428	0.073478
protein_co	forkhead_b	98	65	79	1	3	1	3.486511	2.96543	3.391096	0.05522
protein_co	atonal_hon	0	0	0	7	5	6	0	0	0	0.342839
protein_co	cadherin_5	48	37	45	2	3	7	0.54669	0.540394	0.618387	0.035356
protein_co	leucine_ric	0	0	0	67	73	68	0	0	0	2.875145
pseudogen	olfactory_r	0	0	0	0	1	1	0	0	0	0
protein_co	family_witl	0	0	1	15	11	4	0	0	0.017144	0.330817
protein_co	MAS-relate	5	4	2	0	0	0	0.162362	0.166565	0.078359	0
antisense	PCBP1_ant	145	100	117	179	216	222	2.773991	2.453276	2.700667	5.315212
protein_co	myeloid-as	2109	1602	1647	1377	1195	1219	31.03925	30.23476	29.24666	31.45568
protein_co	maestro_he	279	199	225	148	195	123	2.243195	2.051754	2.182697	1.84695
protein_co	SERTA_dom	948	888	834	235	281	118	8.010765	9.622501	8.503149	3.082223
protein_co	RNA_bindi	3954	2765	3010	3118	4106	3430	28.09138	25.19074	25.80186	34.38294
protein_co	A_kinase_(I	294	215	219	26	40	30	5.30014	4.97036	4.763566	0.727518
protein_co	NTPase_KA	2	5	2	9	32	9	0.020009	0.064145	0.024141	0.139752
protein_co	GIPC_PDZ_	91	77	77	29	35	14	0.984312	1.068049	1.004917	0.486878
antisense	-	53	43	37	17	23	13	0.982669	1.022373	0.827716	0.489228
protein_co	Cbp/p300-i	1679	1271	1368	585	834	281	61.02972	59.24416	59.99635	33.00479
protein_co	ATP-bindin	5	4	5	0	1	0	0.013644	0.013997	0.016462	0
protein_co	NLR_family	0	0	0	0	0	1	0	0	0	0
protein_co	tigger_tran	361	259	250	205	331	294	7.01795	6.456724	5.863962	6.18568
protein_co	pyridoxal-d	2522	2148	2128	1555	1952	1684	24.49392	26.75203	24.93635	23.44088
pseudogen	polyhomec	93	61	101	974	1305	747	1.227349	1.032344	1.608254	19.95146
protein_co	chromosor	2	1	1	0	2	2	0.098096	0.062897	0.059179	0
protein_co	zinc_finger_	172	125	146	293	406	381	1.418161	1.32165	1.45244	3.749689
protein_co	R3H_doma	617	530	543	309	370	205	6.61737	7.289294	7.026647	5.143861
protein_co	UDP-GlcNA	0	0	0	41	45	18	0	0	0	1.340508
protein_co	intelectin_	0	0	0	1	0	0	0	0	0	0.061521
protein_co	neurexin_1	0	0	0	151	124	102	0	0	0	1.450218
protein_co	selenophos	913	663	756	987	1303	1205	16.78188	15.62762	16.7664	28.15902
protein_co	G_protein-r	4	6	3	8	3	4	0.09364	0.180119	0.084736	0.290683
protein_co	zinc_finger_	337	244	258	174	364	345	7.81887	7.259609	7.222405	6.266049
protein_co	zinc_finger_	0	0	0	2	4	13	0	0	0	0.03989
protein_co	chromosor	638	554	552	560	655	564	8.187146	9.116559	8.54671	11.15399
protein_co	chemokine	0	0	0	0	2	1	0	0	0	0
processed_	long_interg	3	4	3	5	1	4	0.082119	0.140408	0.099081	0.212434
protein_co	golgin_A8_	0	0	0	0	2	1	0	0	0	0
protein_co	Bardet-Biec	255	195	216	161	175	121	3.325996	3.261561	3.399251	3.259401
protein_co	FLT3-intera	640	401	471	480	619	652	6.4041	5.14555	5.686526	7.455037
protein_co	poly-U_bin	3479	2525	2721	2587	3408	3891	67.63282	62.94682	63.82336	78.06026
protein_co	scavenger_	5760	3995	4411	35	48	31	55.74541	49.58071	51.50765	0.525757
protein_co	dCTP_pyro	506	391	440	533	600	735	19.416	19.23957	20.37089	31.74438
protein_co	zinc_finger_	505	354	427	167	250	182	9.987119	8.977625	10.18884	5.126203
pseudogen	protein_ph	64	30	38	73	89	63	6.743733	4.053694	4.831167	11.93916
pseudogen	-	33	40	39	11	23	13	0.436617	0.678666	0.622586	0.225897
protein_co	cysteine-ric	164	127	165	144	247	176	1.731584	1.719542	2.101995	2.359894

protein_co	teashirt_zir	1431	1028	1235	240	252	118	9.477347	8.730711	9.86875	2.467112
protein_co	phosphose	72	71	55	58	63	71	0.954234	1.206675	0.879495	1.193111
pseudogen	-	0	0	0	1	0	0	0	0	0	0.068402
protein_co	suppressor	741	622	680	336	484	563	5.125461	5.517146	5.675076	3.607319
protein_co	zinc_bindir	722	606	640	439	490	251	4.378504	4.712708	4.682918	4.132221
pseudogen	-	17	14	16	6	11	13	0.697402	0.736498	0.791958	0.382046
pseudogen	-	0	1	2	0	0	2	0	0.283631	0.533731	0
protein_co	zinc_finger	794	606	683	769	1087	1534	11.51227	11.26736	11.94838	17.30602
pseudogen	olfactory_r	0	0	0	0	1	0	0	0	0	0
protein_co	chromosor	255	186	197	6	11	6	4.639874	4.339985	4.324942	0.169452
protein_co	NK2_home	0	0	0	0	0	6	0	0	0	0
protein_co	transmemb	1	2	3	5	7	2	0.039173	0.100467	0.141793	0.304009
protein_co	chromosor	12	8	4	1	2	2	0.304811	0.260584	0.12259	0.039426
protein_co	ankyrin_rep	16	8	10	82	161	93	0.185657	0.119039	0.140004	1.476848
protein_co	WAP_four-d	0	0	0	1	0	0	0	0	0	0.113364
protein_co	transmemb	16	11	11	20	15	16	0.245096	0.216082	0.20331	0.47553
protein_co	septin_1	21	18	5	4	8	5	0.359639	0.395302	0.103315	0.106325
protein_co	tRNA_selen	315	245	256	266	278	371	7.24037	7.221471	7.099671	9.489915
protein_co	exocyst_co	1297	924	996	535	552	693	10.58044	9.665959	9.803271	6.774042
protein_co	tudor_dom	35	31	22	3	9	3	0.184669	0.209747	0.140054	0.024568
protein_co	chromosor	1	0	2	0	1	1	0.015319	0	0.036965	0
protein_co	casein_kina	0	2	0	0	0	0	0	0.049983	0	0
antisense	ACTA2_anti	3	0	2	0	0	1	0.05808	0	0.046718	0
pseudogen	-	2	0	0	0	2	1	0.117962	0	0	0
protein_co	Ly6/neurot	138	88	100	461	721	253	1.375015	1.124399	1.202199	7.129513
protein_co	tyrosine_hy	8	8	4	2	0	0	0.196398	0.251853	0.118483	0.076209
pseudogen	-	0	2	1	12	17	7	0	0.031706	0.014916	0.230255
protein_co	mediator_c	1736	1445	1561	1189	1475	1046	10.19552	10.88271	11.06142	10.83858
protein_co	fumarylace	558	355	398	212	304	309	13.32211	10.86867	11.46489	7.856068
pseudogen	high_mobil	7	8	1	1	1	4	0.555381	0.81394	0.095728	0.123147
protein_co	chromosor	40	40	62	937	1165	1110	0.55246	0.708451	1.03319	20.0868
protein_co	regulator_c	1206	992	1086	2312	2799	2905	19.88374	20.97354	21.60373	59.16558
protein_co	myosin_ligl	10	8	2	3	3	5	0.687537	0.705335	0.165911	0.320146
protein_co	coagulatior	3	3	0	2	5	6	0.069535	0.089169	0	0.071952
protein_co	family_witl	0	0	0	2	0	1	0	0	0	0.081047
pseudogen	-	0	0	0	3	0	2	0	0	0	0.4402
protein_co	protein_kir	736	594	711	533	642	553	18.64454	19.29611	21.7316	20.95712
pseudogen	hect_doma	487	431	392	200	232	233	5.210002	5.912832	5.059913	3.321004
protein_co	zinc_and_ri	96	69	85	375	586	226	1.300995	1.19912	1.389861	7.887984
protein_co	retinal_pig	3	0	0	1	0	2	0.09668	0	0	0.05002
protein_co	solute_carr	1	1	1	0	0	0	0.011332	0.014531	0.013672	0
protein_co	zinc_finger	74	62	62	112	95	98	1.286563	1.382294	1.300586	3.022372
protein_co	FYVE_RhoG	432	432	408	555	693	624	2.180931	2.796735	2.485229	4.348922
protein_co	G_protein-d	0	0	0	10	22	2	0	0	0	0.251659
protein_co	G_protein-d	0	0	0	6	3	0	0	0	0	0.270725
lincRNA	-	3	1	2	2	8	3	0.150289	0.064241	0.120888	0.155512
protein_co	phospholip	0	0	0	28	41	48	0	0	0	0.720083
protein_co	ornithine_c	1474	1139	1096	2637	3209	2814	9.73189	9.643458	8.730886	27.02342
protein_co	patatin-like	0	1	1	0	0	2	0	0.024265	0.022831	0
protein_co	ALX_homec	64	35	31	0	3	9	2.07679	1.456431	1.213731	0
protein_co	coiled-coil_	246	186	184	249	290	246	5.540319	5.371826	4.999949	8.704213
protein_co	potassium_	32	32	35	2	0	1	0.709447	0.909765	0.936238	0.068823
protein_co	chromosor	14	12	8	31	15	15	0.151678	0.166718	0.104576	0.521297
protein_co	frizzled_fan	2279	1673	1812	598	590	459	53.88923	50.72978	51.69683	21.94772
pseudogen	-	0	1	0	0	1	0	0	0.145241	0	0
protein_co	tigger_tran	54	36	44	65	78	61	1.215584	1.039209	1.195066	2.271093
protein_co	coiled-coil_	1	0	0	1	2	1	0.010319	0	0	0.016017
protein_co	hematopoi	639	479	525	29	21	15	11.05635	10.62811	10.9602	0.778824
protein_co	chromosor	165	142	111	222	215	68	1.303159	1.438173	1.057753	2.721428
protein_co	zinc_finger	1918	1434	1502	1553	1767	1201	10.28652	9.862304	9.719365	12.92772
protein_co	p21_protei	2723	2298	2487	1484	1797	1335	20.79842	22.50827	22.91958	17.59329
protein_co	coiled-coil_	160	120	154	159	172	221	2.404616	2.312684	2.792509	3.708971
protein_co	defensin_b	0	0	0	1	0	0	0	0	0	0.12746
pseudogen	-	108	70	81	248	282	227	1.757155	1.460474	1.590082	6.2628
protein_co	ATP_syntha	2	0	0	0	0	0	0.243585	0	0	0

protein_co	multiple_c	1904	1525	1580	1064	1242	1198	21.20632	21.78098	21.23261	18.39375
lincRNA	long_interg	5	6	3	3	13	8	0.104525	0.160847	0.075669	0.097343
protein_co	harbinger_t	61	42	75	77	64	83	1.454139	1.28391	2.157175	2.849031
protein_co	chromosor	13	11	14	17	16	16	0.423019	0.459006	0.549658	0.85861
protein_co	cytochrom	0	0	0	0	2	0	0	0	0	0
protein_co	tetra-pepti	0	0	0	1	0	0	0	0	0	0.03097
protein_co	serine-rich_	981	821	920	17	29	28	14.34334	15.39338	16.22995	0.385799
protein_co	growth_arr	1086	707	858	296	465	268	18.01931	15.04309	17.17685	7.623079
protein_co	histocomp	59	47	50	1421	1916	1193	0.648807	0.662782	0.663409	24.25424
antisense	-	0	0	0	4	2	5	0	0	0	0.089109
protein_co	zinc_finger_	35	37	19	74	78	51	0.426938	0.578773	0.27964	1.401068
protein_co	GLI_pathog	4	7	2	4	1	1	0.07189	0.161329	0.043369	0.111583
protein_co	family_witl	272	222	230	121	148	100	2.411892	2.52436	2.460735	1.665347
protein_co	potassium_	5	4	4	1	5	10	0.070617	0.072446	0.068163	0.021922
protein_co	proline_ric	14	7	10	11	17	7	0.29189	0.187154	0.251558	0.355971
protein_co	nuclear_rec	509	418	422	190	188	172	3.111331	3.276529	3.112353	1.802654
protein_co	zinc_finger_	0	0	0	1	2	0	0	0	0	0.032404
protein_co	basic_helix	6	2	6	27	48	12	0.398499	0.170339	0.480812	2.783364
protein_co	ring_finger_	151	103	153	142	153	166	1.910521	1.671174	2.335686	2.788649
protein_co	chromosor	2	1	2	2	0	0	0.024582	0.015761	0.02966	0.038155
protein_co	TSPY-like_5	150	110	116	141	193	117	1.577019	1.483022	1.471471	2.300886
protein_co	fucosyltran	2	0	0	1	3	1	0.036293	0	0	0.028166
protein_co	histone_clu	177	148	134	242	250	546	4.975739	5.335258	4.545035	10.55918
protein_co	Putative_eu	16	15	22	35	46	32	0.350252	0.421077	0.581074	1.189212
pseudogen	signal_reco	34	23	35	35	51	44	1.66242	1.442112	2.064799	2.656197
protein_co	SKI/DACH_(	159	130	145	360	489	287	1.129966	1.184734	1.243323	3.971011
protein_co	histone_clu	38	29	36	8	13	17	2.703825	2.646076	3.090619	0.883518
pseudogen	zinc_finger_	19	12	15	9	16	7	0.707072	0.572665	0.673518	0.519856
protein_co	Mab-21_dc	209	176	168	344	481	590	2.909743	3.142175	2.822056	7.433566
protein_co	GS_homeol	0	0	0	3	3	7	0	0	0	0.120496
protein_co	somatostat	25	25	23	26	27	42	0.55928	0.717197	0.620819	0.902803
protein_co	zinc_finger_	84	73	71	48	73	89	0.810111	0.902813	0.826175	0.718517
protein_co	polycomb_	195	155	154	77	85	66	1.302872	1.328031	1.241469	0.798524
protein_co	solute_carr	8	2	2	3	10	9	0.120462	0.038619	0.036336	0.070115
protein_co	perforin_1_	7	1	4	0	1	3	0.129582	0.023739	0.089342	0
protein_co	mab-21-lik	163	140	137	5	7	5	2.629196	2.895828	2.666269	0.12518
pseudogen	ribosomal_	0	0	0	0	0	1	0	0	0	0
protein_co	YOD1_OTU_	175	141	130	257	335	230	1.304364	1.347687	1.169101	2.973201
pseudogen	-	735	648	654	19	16	44	18.27368	20.65965	19.61844	0.733201
pseudogen	exocyst_co	7	3	3	0	0	1	0.166699	0.091615	0.086199	0
protein_co	transmemb	658	483	492	861	1818	1738	6.174431	5.812026	5.570372	12.54021
protein_co	chromosor	0	0	0	0	0	2	0	0	0	0
processed_	-	5	3	4	1	7	2	0.108895	0.083785	0.10511	0.033804
protein_co	cholinergic	4	3	6	7	20	6	0.127766	0.122881	0.231235	0.347043
protein_co	shisa_hom	1380	1009	1095	221	263	74	22.62525	21.21362	21.6609	5.623894
protein_co	sphingosin	31	29	27	59	85	32	0.663437	0.795876	0.697188	1.959839
pseudogen	-	93	69	90	59	121	87	1.023175	0.973476	1.194696	1.00751
protein_co	G_protein-	68	60	72	154	171	41	0.605607	0.68524	0.773682	2.128792
pseudogen	PIP5K1A_a	10	3	6	2	1	3	0.13997	0.053848	0.101329	0.043451
protein_co	carbohydra	0	1	1	50	95	60	0	0.033611	0.031624	2.034092
processed_	WDFY3_ant	51	37	32	38	66	23	0.37168	0.345788	0.281383	0.429847
pseudogen	serine/argi	822	609	717	380	531	529	8.899468	8.455102	9.366113	6.385667
protein_co	solute_carr	540	412	441	266	278	154	4.214482	4.123415	4.152763	3.222275
protein_co	zinc_finger_	658	524	575	401	459	504	16.5081	16.85822	17.40552	15.61514
protein_co	ankyrin_rep	0	0	0	0	1	0	0	0	0	0
protein_co	olfactory_r	0	1	1	0	0	1	0	0.016647	0.015663	0
protein_co	ZFP3_zinc_	1	0	1	17	20	15	0.009007	0	0.010867	0.23766
protein_co	arylsulfatas	1223	880	990	84	119	130	12.31404	11.3623	12.027	1.312756
pseudogen	-	0	0	0	0	0	1	0	0	0	0
protein_co	homeobox_	231	166	143	1	0	8	7.144851	6.584133	5.336608	0.048008
protein_co	mitogen-ac	6	2	6	43	55	37	0.059898	0.025603	0.07227	0.666283
protein_co	pyrophosp	616	512	565	1557	1875	1845	22.32168	23.7917	24.7026	87.57199
protein_co	homeobox_	29	21	29	0	0	13	0.702381	0.652234	0.847464	0
protein_co	proteasom	240	232	219	338	463	424	2.444841	3.030657	2.691731	5.344248
protein_co	basic_helix	0	0	0	2	1	7	0	0	0	0.043218

protein_co	MAP6_dom	114	73	74	117	178	134	2.532194	2.079334	1.983225	4.033745
antisense	CSNK1G2_a	7	14	15	6	6	24	0.254837	0.653585	0.658876	0.339036
protein_co	zinc_finger_	40	42	38	74	70	121	0.704319	0.948348	0.807311	2.02242
protein_co	chromosom	3	2	1	1	0	0	0.051153	0.043731	0.020573	0.026465
pseudogen	protein_dis	79	75	88	65	63	53	2.453186	2.986579	3.297116	3.132905
protein_co	chemokine	0	0	0	6	3	1	0	0	0	0.151677
protein_co	gremlin_2_	176	160	157	7	4	3	1.979051	2.307138	2.130061	0.122172
protein_co	chromosom	8	3	6	1	5	14	0.328476	0.157959	0.297244	0.06373
protein_co	signal_sequ	2665	1954	2106	1164	1466	1216	50.34726	47.33828	48.00484	34.13203
protein_co	calcyphosi	29	19	25	14	10	6	0.354949	0.298216	0.369195	0.265966
protein_co	zinc_finger_	58	55	44	156	182	131	0.699491	0.850602	0.640258	2.920177
protein_co	CUE_domai	890	691	677	282	376	381	11.52502	11.47464	10.57764	5.668021
protein_co	scribbled_p	3325	2450	2658	3822	5659	3841	29.87913	28.23266	28.81903	53.30862
protein_co	potassium_	832	708	672	977	1189	1253	10.73246	11.71166	10.45908	19.56145
protein_co	D-2-hydrox	438	343	404	228	330	288	4.514801	4.533858	5.024512	3.64779
protein_co	HCG20441	0	0	0	0	1	0	0	0	0	0
protein_co	oxytocin_r	139	108	128	24	44	42	1.493518	1.488088	1.65941	0.400256
protein_co	FtsJ_methy	410	297	352	166	207	210	3.94843	3.667806	4.090076	2.481299
protein_co	olfactory_r	0	0	0	2	5	2	0	0	0	0.126354
protein_co	family_witl	7	4	4	1931	3168	2758	0.058053	0.04254	0.040025	24.85635
protein_co	G_protein-r	9	2	9	22	30	5	0.193583	0.055165	0.233569	0.734475
protein_co	olfactory_r	0	0	0	1	0	1	0	0	0	0.067955
protein_co	zinc_finger_	3	5	1	3	9	5	0.042953	0.091801	0.017275	0.066669
protein_co	suppressor_	24	22	26	23	21	23	1.120877	1.317585	1.465103	1.667266
protein_co	phosphatid	1371	1111	1127	910	1191	1112	21.97068	22.83124	21.79104	22.63487
protein_co	transcriptio	1409	1124	1170	687	728	893	54.06549	55.3076	54.16804	40.9163
protein_co	leucine_ric	233	189	196	90	131	153	4.124339	4.290121	4.186032	2.4727
protein_co	olfactory_r	0	0	0	5	2	2	0	0	0	0.351593
protein_co	mitochond	1209	918	968	1078	1422	1260	59.2992	57.7397	57.28566	82.0676
protein_co	G_protein-r	91	87	95	58	66	36	0.788723	0.966967	0.99347	0.780264
protein_co	chromosom	1	0	0	0	0	0	0.047604	0	0	0
protein_co	Bardet-Biec	142	120	123	41	44	29	1.940654	2.103053	2.02821	0.869709
protein_co	ZFP82_zinc	110	112	90	158	179	124	0.902047	1.177778	0.890485	2.011054
protein_co	chromosom	0	0	0	0	0	1	0	0	0	0
protein_co	leucine-rich	10	7	6	3	2	8	0.250749	0.225085	0.181526	0.116759
pseudogen	olfactory_r	0	0	0	0	1	0	0	0	0	0
protein_co	NAD(P)H_d	2202	1764	1882	421	450	603	35.45736	36.42478	36.56425	10.52208
protein_co	apoptosis_	784	648	734	3672	4144	2536	7.29545	7.732508	8.241004	53.03581
protein_co	fukutin_rel	1130	756	859	448	611	901	15.90208	13.64289	14.58534	9.785519
protein_co	rabphilin_3	50	44	56	63	70	44	0.834639	0.941869	1.127885	1.632299
protein_co	solute_carr	232	166	180	178	206	98	3.486694	3.199214	3.263971	4.152181
protein_co	Fc_recepto	1	3	0	0	0	0	0.02348	0.09033	0	0
protein_co	methyltran	124	105	117	172	242	136	4.910779	5.332457	5.590654	10.57274
protein_co	ankyrin_rep	161	125	145	10	12	1	2.090638	2.08148	2.271794	0.20155
protein_co	solute_carr	326	265	309	413	457	355	5.298491	5.523188	6.05956	10.41874
protein_co	HIG1_hypo	1281	1001	1080	801	909	1219	43.74808	43.83826	44.50222	42.4593
protein_co	cholinergic	1	0	0	7	3	3	0.007923	0	0	0.086086
protein_co	olfactory_r	0	0	0	2	1	0	0	0	0	0.140366
protein_co	mitogen-ac	32	24	27	98	161	76	0.669857	0.644248	0.681937	3.184116
protein_co	euchromat	2507	1870	2113	3071	4190	3585	14.99022	14.33853	15.24408	28.50125
antisense	-	9	11	11	20	18	10	0.214982	0.336947	0.31703	0.741516
pseudogen	serological	0	0	0	0	0	1	0	0	0	0
protein_co	coagulatio	4290	3240	3500	558	658	458	52.64543	50.98679	51.82263	10.6284
pseudogen	major_hist	0	0	0	3	3	0	0	0	0	0.045355
protein_co	zinc_finger_	379	247	312	212	297	383	5.863186	4.900053	5.823675	5.090504
protein_co	mucin_16_	0	0	0	6	1	1	0	0	0	0.009966
protein_co	nucleopho	11604	9330	9959	27468	27154	29058	309.5061	319.1189	320.498	1137.153
protein_co	praja_ring_	982	731	732	1065	1232	1094	16.71361	15.95458	15.03204	28.13448
protein_co	dehydroge	828	649	697	1912	2358	1415	7.525671	7.564303	7.64356	26.97325
protein_co	proenkeph	2	2	5	0	1	6	0.078215	0.1003	0.235928	0
pseudogen	histone_clu	0	0	0	0	2	0	0	0	0	0
sense_intro	HECW1_int	12	9	12	3	0	3	0.305971	0.294273	0.369171	0.118727
protein_co	chromosom	0	0	0	0	2	2	0	0	0	0
protein_co	histone_clu	45	45	31	141	191	163	4.254135	5.455324	3.535969	20.68942
protein_co	zinc_finger_	1048	703	783	721	934	560	9.728913	8.368887	8.770267	10.38888

protein_co	polymerase	7021	5375	5832	5541	6971	5828	48.77979	47.88823	48.88848	59.75298
pseudogen	-	10	8	15	3	2	9	0.346307	0.355272	0.62676	0.161255
protein_co	transmemb	0	0	0	30	46	21	0	0	0	0.441357
protein_co	solute_carr	3	6	3	13	9	5	0.086301	0.221337	0.104127	0.580452
pseudogen	-	0	0	0	1	0	0	0	0	0	0.074038
protein_co	transmemb	185	167	178	111	131	89	2.09381	2.423769	2.430712	1.94993
protein_co	frequently_	251	170	178	1213	1616	2479	5.340016	4.637961	4.569165	40.05531
protein_co	transmemb	94	85	98	269	331	108	2.23399	2.590488	2.810137	9.922842
protein_co	transmemb	4	0	1	149	243	83	0.04293	0	0.012949	2.482076
protein_co	zinc_finger_	196	165	191	113	135	107	3.158228	3.409421	3.713375	2.826157
protein_co	NME/NM23	19	8	24	22	24	21	0.417679	0.225522	0.636574	0.750659
protein_co	spermatid_	0	0	0	0	0	1	0	0	0	0
protein_co	hephaestin	7	7	5	13	9	13	0.061409	0.078748	0.052924	0.177014
protein_co	family_witl	189	132	118	283	456	125	2.807163	2.514138	2.114637	6.524132
protein_co	orofacial_c	1	2	0	5	12	8	0.016298	0.0418	0	0.126486
pseudogen	CTAGE_fam	0	0	0	3	0	0	0	0	0	0.090673
protein_co	coiled-coil_	0	0	0	8	8	7	0	0	0	0.097806
protein_co	DEAD_(Asp	773	631	693	19	21	22	5.345227	5.595325	5.781865	0.203925
protein_co	spectrin_re	3	2	5	156	230	119	0.060141	0.051415	0.12094	4.854061
protein_co	2-oxoglutar	1139	776	880	483	613	699	12.45807	10.88424	11.61335	8.199824
pseudogen	-	131	104	83	104	100	101	3.343817	3.404191	2.556215	4.120359
protein_co	urotensin_	2	0	0	16	22	7	0.071588	0	0	0.888914
protein_co	apoptosis-a	9	8	11	102	136	61	0.080276	0.091504	0.118381	1.412125
protein_co	dendrin	7	8	2	16	19	3	0.087551	0.128311	0.030182	0.31061
protein_co	sarcoma_ar	0	0	0	0	0	1	0	0	0	0
protein_co	zinc_finger_	122	96	95	17	20	31	2.240729	2.26105	2.105238	0.484629
protein_co	SRY_(sex_d	644	501	542	4572	6142	8382	12.07887	12.05001	12.26557	133.0997
protein_co	zinc_finger_	130	106	91	252	214	278	1.997281	2.088387	1.686884	6.009341
protein_co	transmemb	765	594	624	138	125	127	7.772668	7.73935	7.649646	2.176297
protein_co	RAP2B_me	1511	1151	1302	989	1501	1023	11.35976	11.09658	11.81037	11.54068
protein_co	zinc_finger_	402	326	368	302	392	894	6.100255	6.343791	6.737795	7.113107
protein_co	ring_finger_	233	199	228	221	293	195	3.777792	4.137562	4.46031	5.561665
protein_co	olfactory_r	0	0	0	0	0	1	0	0	0	0
protein_co	acyl-CoA_b	41	39	57	188	256	99	0.857872	1.046436	1.439002	6.105579
protein_co	olfactory_r	0	0	0	0	0	1	0	0	0	0
protein_co	N-sulfoglucc	410	290	291	214	277	304	3.456474	3.135139	2.959991	2.80023
pseudogen	ribosomal_	7	6	4	23	17	13	0.779644	0.856957	0.537534	3.976094
protein_co	mab-21-like	95	125	113	4	4	3	1.609885	2.71638	2.310456	0.105211
protein_co	Fanconi_ar	81	51	73	50	64	73	1.262663	1.019488	1.373009	1.209771
protein_co	SET_domai	1700	1480	1523	1078	1200	1479	9.754409	10.88988	10.54387	9.600664
protein_co	chromosor	240	189	217	19	26	22	3.142587	3.173564	3.42834	0.386154
protein_co	transmemb	1	0	0	4	17	13	0.025707	0	0	0.159605
protein_co	mex-3_hon	4513	3057	3268	3367	4484	2928	74.25075	64.49712	64.87325	85.98231
protein_co	mitochond	602	465	520	688	749	954	30.64907	30.35869	31.94274	54.36754
protein_co	G_protein-	118	109	109	17	19	14	1.208611	1.431662	1.347036	0.270261
protein_co	SLX1_struc	1	0	0	0	0	0	0.030096	0	0	0
protein_co	ankyrin_rep	0	1	0	0	0	1	0	0.013303	0	0
protein_co	purinergic_	0	0	0	1	0	0	0	0	0	0.026331
protein_co	tumor_nec	6	6	1	0	0	1	0.100875	0.129358	0.020285	0
protein_co	ZFP41_zinc	265	202	174	210	292	319	2.590339	2.532045	2.052145	3.186108
protein_co	pleckstrin_	2024	1421	1667	110	176	171	99.37738	89.47062	98.75536	8.383014
protein_co	autophagy_	27	29	20	25	24	26	0.27697	0.381484	0.247541	0.398052
protein_co	G_protein-	195	104	126	0	0	0	2.619179	1.79132	2.041969	0
protein_co	HKR1_GLI-l	424	374	420	656	857	522	5.7262	6.477115	6.843811	13.75102
protein_co	pleiomorpl	324	231	273	346	394	165	2.074893	1.89702	2.109412	3.439198
protein_co	Yip1_doma	901	706	770	705	772	750	6.267305	6.297528	6.462415	7.611595
protein_co	olfactory_r	0	0	0	1	0	0	0	0	0	0.058317
protein_co	zinc_finger_	56	37	50	8	5	5	0.702097	0.594867	0.756357	0.155679
protein_co	olfactory_r	0	1	0	0	0	0	0	0.056941	0	0
pseudogen	ferredoxin_	3	4	3	2	1	2	0.2553	0.436514	0.308034	0.264174
protein_co	chromosor	516	434	443	499	650	698	5.567245	6.004678	5.7669	8.356447
protein_co	chromosor	277	225	255	222	328	195	4.259933	4.437259	4.731635	5.299152
protein_co	adhesion_r	42	34	38	104	136	70	0.387064	0.401811	0.422537	1.487637
protein_co	G_protein-	135	102	93	123	131	103	2.99298	2.899877	2.487717	4.232584
protein_co	outer_dens	0	3	1	20	18	11	0	0.112462	0.035272	0.907479

protein_co	siah_E3_ub	711	489	498	316	415	282	13.24545	11.68195	11.19372	9.137234
protein_co	coatomer_	7854	6218	6627	2240	2410	1878	113.9815	115.7187	116.0402	50.45706
protein_co	brain-speci	358	259	242	304	434	248	2.689733	2.495372	2.193763	3.545114
processed_	long_interg	16	13	7	38	37	20	0.585211	0.609741	0.308915	2.15728
antisense	CELF2_anti	10	4	2	5	7	1	0.189992	0.097455	0.045847	0.147447
protein_co	solute_carr	41	25	32	10	8	19	0.53005	0.41446	0.49915	0.200661
protein_co	LSM10_U7_	824	551	565	479	695	532	38.40693	32.93391	31.77451	34.6536
pseudogen	potassium_	0	1	0	2	0	0	0	0.059358	0	0.143692
protein_co	RELT-like_1	151	120	118	59	83	78	5.244735	5.344871	4.945118	3.180747
protein_co	regulatory_	791	708	737	502	531	597	5.155686	5.917695	5.795962	5.078602
protein_co	solute_carr	1238	901	1051	381	571	361	13.91749	12.98896	14.25578	6.648071
protein_co	T_cell_imm	0	0	0	3	0	0	0	0	0	0.058852
protein_co	ring_finger_	995	753	813	917	949	774	14.26776	13.8464	14.06602	20.4095
protein_co	solute_carr	1	1	3	88	110	49	0.013687	0.017551	0.049541	1.869417
protein_co	IBA57_iron	340	272	312	433	542	840	1.62431	1.666358	1.798427	3.210765
protein_co	claudin_7	1	1	0	927	1235	1075	0.024384	0.031269	0	35.08418
protein_co	zinc_finger_	216	175	191	291	388	276	2.970159	3.08584	3.168892	6.210828
protein_co	zinc_finger_	136	106	130	658	858	788	1.378224	1.377514	1.589543	10.34993
protein_co	chromosor	1274	1050	1132	225	294	196	11.79425	12.46521	12.64432	3.233061
protein_co	HCG16520	0	0	0	1	1	1	0	0	0	0.031142
protein_co	2-aminoeth	1414	995	1123	775	1136	714	17.80889	16.07014	17.06535	15.15024
protein_co	cytochrom	634	513	532	726	836	990	28.63995	29.71733	28.99631	50.90379
protein_co	protein_kir	796	666	666	472	506	433	18.02243	19.33677	18.19376	16.58719
protein_co	GINS_comp	209	149	163	196	259	388	3.060591	2.798045	2.880015	4.454978
protein_co	neurogenir	0	0	0	0	1	3	0	0	0	0
protein_co	coiled-coil_	438	384	380	112	120	92	3.664851	4.120243	3.836312	1.454557
protein_co	mitochond	717	598	573	387	461	561	16.79328	17.96085	16.19269	14.06882
pseudogen	-	0	1	1	1	0	0	0	0.149205	0.140386	0.180595
protein_co	small_nucl	1086	847	897	1408	1309	1557	52.66035	52.66798	52.48007	105.971
protein_co	rhotekin_2	604	499	562	427	399	435	4.264654	4.51811	4.787748	4.679563
protein_co	paraneopla	726	625	641	526	684	363	9.228016	10.18735	9.83055	10.37739
protein_co	carbohydra	130	97	98	184	205	323	1.267298	1.212597	1.152682	2.784092
protein_co	Usher_synd	1	0	0	52	71	3	0.013168	0	0	1.062777
pseudogen	transient_r	0	1	1	3	15	0	0	0.01895	0.01783	0.068812
protein_co	mannosyl_	0	0	0	17	14	50	0	0	0	0.38749
protein_co	tripartite_r	0	0	0	0	0	1	0	0	0	0
protein_co	isocitrate_	4487	3527	3475	1533	1748	1052	78.09781	78.72227	72.97694	41.41479
lincRNA	-	11	8	9	19	8	15	0.41529	0.387309	0.409967	1.113379
protein_co	olfactory_r	0	0	0	1	0	3	0	0	0	0.040911
protein_co	patched_d	0	1	2	0	0	0	0	0.023776	0.044741	0
protein_co	transmemb	3318	2557	2578	2355	3567	2954	30.51806	30.15926	28.60958	33.62033
protein_co	tryptophar	481	364	411	324	338	278	13.95674	13.54409	14.38894	14.59199
protein_co	trinucleoti	10396	7339	8040	3911	5381	3930	46.1094	41.74164	43.02564	26.92412
protein_co	family_witl	137	85	105	79	114	49	3.464904	2.75676	3.204114	3.101189
protein_co	transmemb	52	24	41	412	511	342	0.545355	0.322772	0.518809	6.706616
protein_co	Dexi_homc	1	1	2	3	2	1	0.030038	0.03852	0.072486	0.139871
antisense	-	2	2	4	2	1	7	0.041847	0.053663	0.100983	0.064953
protein_co	NOP10_rib	1037	742	823	781	955	989	88.24854	80.97334	84.50389	103.1598
protein_co	family_witl	285	219	213	61	98	60	8.479476	8.3556	7.646309	2.816985
protein_co	Kv_channel	741	646	638	12	13	7	17.25199	19.28692	17.92213	0.433643
protein_co	tudor_and_	183	132	146	415	425	326	2.774288	2.56616	2.670554	9.765153
protein_co	zinc_finger_	124	104	121	240	252	485	1.452138	1.561813	1.709699	4.362426
protein_co	increased_s	1770	1327	1422	2067	2205	1847	31.27179	30.0649	30.31287	56.68269
protein_co	excision_re	407	311	343	204	208	304	4.181472	4.097363	4.25184	3.253085
protein_co	mitochond	1848	1275	1346	1191	1833	1184	68.66304	60.7492	60.34123	68.68522
protein_co	cAMP_resp	5351	4276	4891	588	775	856	33.85166	34.68902	37.33281	5.773681
protein_co	purinergic_	0	0	4	7	7	4	0	0	0.053907	0.121357
processed_	TP53_targe	123	84	112	96	102	31	6.745581	5.907489	7.41106	8.171767
protein_co	unc-5_hom	313	214	224	7	4	21	1.486235	1.303066	1.283333	0.051591
protein_co	MAS-relate	0	0	0	0	0	1	0	0	0	0
protein_co	tRNA_splic	281	186	217	812	1082	742	6.777827	5.75316	6.31527	30.39979
protein_co	RGM_doma	570	396	415	1000	1211	1006	8.310731	7.404042	7.300633	22.63054
protein_co	ankyrin_rep	0	0	0	9	14	7	0	0	0	0.180595
protein_co	ubiquitin-li	353	247	267	4	10	1	5.017331	4.501988	4.57886	0.088245
protein_co	mitochond	1423	1114	1117	1637	2017	1966	25.332	25.43075	23.99197	45.23179

protein_co	family_witl	10	1	4	11	8	11	0.235392	0.030186	0.113605	0.401896
protein_co	RAD51_hor	48	34	40	66	58	39	0.866996	0.787524	0.871734	1.850334
protein_co	crystallin_g	0	0	0	4	1	2	0	0	0	0.454164
protein_co	leucine_zip	1430	1108	1126	639	741	573	48.94359	48.63052	46.49928	33.9462
protein_co	ADP-ribosy	13	5	10	8	4	6	0.342071	0.168714	0.317483	0.326733
protein_co	exostosin_g	2273	1633	1857	594	756	809	12.88767	11.87327	12.70383	5.227473
protein_co	serine_hydı	4765	3425	3618	4500	5622	5143	65.40718	60.28822	59.92101	95.87503
protein_co	MOB_kinas	388	311	290	299	408	264	5.731987	5.891735	5.169155	6.856068
protein_co	histone_clu	2	0	0	0	4	3	0.055295	0	0	0
protein_co	HHIP-like_1	108	95	89	45	80	132	0.685267	0.772981	0.681356	0.443179
protein_co	ATPase_H+_	1790	1463	1564	863	985	939	40.10183	42.03053	42.2762	30.00906
protein_co	zygote_arre	3	6	3	17	44	18	0.096349	0.247109	0.116251	0.847436
protein_co	cytochrom	210	168	179	166	192	252	2.806185	2.878828	2.886012	3.442989
protein_co	family_witl	0	0	0	1	0	0	0	0	0	0.016808
protein_co	beta-site_A	413	315	323	313	397	253	6.47029	6.328395	6.105542	7.611119
protein_co	ubiquitin-c	419	342	307	566	686	517	7.149533	7.483403	6.32048	14.99031
protein_co	synemin_ir	391	375	373	38	64	35	2.479913	3.050003	2.854411	0.374088
protein_co	potassium_	11	7	11	0	1	0	0.123631	0.100889	0.149168	0
protein_co	gamma-am	217	180	172	8	13	8	5.077412	5.40088	4.855782	0.290538
protein_co	chromosor	3	4	2	2	0	1	0.049936	0.085381	0.040167	0.051672
protein_co	NLR_family	4	4	3	2	2	2	0.079813	0.102349	0.072224	0.06194
protein_co	fidgetin	150	127	150	364	359	343	0.737574	0.800806	0.889925	2.778088
protein_co	izumo_spe	0	0	3	5	4	6	0	0	0.076522	0.164066
protein_co	beta-14-N-a	1687	1324	1308	1087	1639	1100	22.96848	23.1161	21.48686	22.97086
protein_co	adaptor-rel	1094	882	936	1706	2087	2141	14.69006	15.18742	15.16457	35.55623
protein_co	chromosor	801	558	614	898	1006	1115	14.03022	12.53359	12.97623	24.41399
protein_co	DDB1_and_	7	2	1	4	2	5	0.068898	0.025243	0.011876	0.061108
pseudogen	long_interg	220	160	192	67	83	78	5.263165	4.908555	5.54209	2.487881
protein_co	zinc_finger_	188	142	156	85	83	122	1.904369	1.844552	1.906628	1.336419
protein_co	Tyrosine-pr	873	656	718	1517	1938	1707	8.369451	8.064843	8.305298	22.57349
protein_co	potassium_	34	34	24	21	26	30	0.510981	0.655261	0.435196	0.489864
protein_co	F-box_and_	193	156	191	254	419	376	2.911767	3.018098	3.476809	5.947899
protein_co	complemer	38	26	32	59	64	69	0.579265	0.508249	0.588562	1.395971
protein_co	glycolipid_	44	36	22	33	27	8	2.016775	2.116005	1.216678	2.347736
protein_co	uncharacte	5	5	1	2	2	1	0.045657	0.058549	0.011018	0.028347
protein_co	lipase_gast	0	1	0	0	0	0	0	0.040905	0	0
pseudogen	-	0	1	0	1	0	0	0	0.053976	0	0.065332
protein_co	kelch_repe	21	24	32	36	41	21	0.262514	0.384728	0.482649	0.6985
protein_co	ybeY_metal	229	191	199	182	221	197	7.658926	8.19172	8.030332	9.447877
lincRNA	family_witl	1	1	0	0	1	1	0.011685	0.014984	0	0
protein_co	family_witl	2	10	1	3	10	4	0.15224	0.976133	0.091843	0.354447
protein_co	ceroid-lipo	1232	938	1093	1506	2065	1699	8.121538	7.92939	8.693523	15.4093
antisense	-	2	2	5	1	2	1	0.043884	0.056275	0.132371	0.034057
protein_co	phosphatid	1770	1366	1559	3355	4283	3411	15.07088	14.91507	16.0162	44.33925
protein_co	neurexophi	720	467	540	113	162	67	16.82153	13.99134	15.22211	4.097717
pseudogen	-	0	0	1	0	0	0	0	0	0.126003	0
protein_co	calcium_ch	4	19	9	68	113	59	0.023285	0.141833	0.063213	0.614404
protein_co	interferon_	0	0	0	0	2	0	0	0	0	0
pseudogen	DNM1_pse	11	6	5	3	5	1	0.134636	0.094174	0.073839	0.056993
protein_co	trafficking_	440	324	327	263	366	291	4.551425	4.297828	4.081224	4.222609
sense_intrc	-	1	1	2	4	1	2	0.024627	0.031581	0.059428	0.152899
protein_co	piggyBac_t	30	27	26	12	16	20	0.60686	0.70039	0.634583	0.376772
protein_co	nuclear_pr	4779	3639	4031	1875	2622	2587	40.4636	39.51107	41.18018	24.64105
protein_co	potassium_	0	0	0	0	0	1	0	0	0	0
protein_co	testis_expr	3	2	3	25	18	11	0.07266	0.062118	0.087669	0.939822
protein_co	teashirt_zir	1019	778	828	20	21	11	3.920647	3.838597	3.84381	0.119438
protein_co	calpain_12	14	7	10	13	42	16	0.237676	0.152393	0.204835	0.342555
protein_co	exocyst_co	1835	1448	1606	800	967	1248	18.11054	18.32624	19.12445	12.25507
pseudogen	olfactory_r	0	1	0	0	0	0	0	0.064104	0	0
protein_co	karyopheri	4184	3513	3610	9522	10350	9827	79.88104	86.00813	83.15862	282.1699
pseudogen	WAS_prote	12	11	9	8	17	9	0.132583	0.15585	0.119976	0.137191
pseudogen	neutrophil_	2	1	0	1	3	6	0.06186	0.039663	0	0.048008
protein_co	XK_Kell_blo	6	9	4	22	25	16	0.098681	0.189817	0.079376	0.561612
protein_co	biglycan	20101	15980	16779	45	58	66	392.3964	400.0309	395.2042	1.363485
protein_co	ORAI_calciu	501	386	388	675	914	637	10.98265	10.85091	10.26241	22.96698

pseudogen	abhydrolas	2	0	0	0	1	0	0.1042	0	0	0
protein_co	centrosom	707	540	531	262	286	176	3.964985	3.883518	3.593062	2.280625
protein_co	lipoma_HM	55	27	30	32	31	19	1.539672	0.969256	1.013293	1.39042
protein_co	feline_sarc	302	246	224	123	147	119	5.00558	5.228678	4.479644	3.164339
protein_co	glutaredoxi	1613	1225	1276	1863	2557	2003	40.59774	39.53784	38.74951	72.7798
protein_co	family_witl	115	80	106	115	98	133	4.387593	3.914063	4.87958	6.810152
protein_co	TATA_box_l	0	0	2	1	1	1	0	0	0.055548	0.035729
protein_co	caveolin_3	4	0	0	1	2	0	0.131069	0	0	0.050859
protein_co	matrix-rem	2769	2306	2387	676	993	625	22.9356	24.49378	23.85545	8.690893
protein_co	LIM_domai	937	678	724	692	732	920	11.97165	11.10845	11.16094	13.72306
protein_co	major_facil	643	487	537	270	338	324	14.79405	14.3686	14.90728	9.642074
protein_co	ribonuclea	1	0	1	0	4	4	0.040009	0	0.048273	0
protein_co	acireductor	605	495	572	211	253	372	7.330352	7.69102	8.362064	3.968098
protein_co	RWD_dom	399	280	353	221	246	234	7.084103	6.374988	7.561966	6.090245
protein_co	spinster_ho	0	4	5	1	1	0	0	0.112761	0.13262	0.034121
pseudogen	olfactory_r	0	2	0	0	0	0	0	0.113026	0	0
protein_co	C-type_lect	0	0	0	7	11	4	0	0	0	0.374602
protein_co	SATB_home	267	244	219	892	1025	624	1.599953	1.874974	1.583391	8.296432
pseudogen	-	0	0	0	1	0	0	0	0	0	0.076934
protein_co	neurexophi	21	10	16	111	122	79	0.189582	0.115768	0.17428	1.555363
protein_co	colony_stir	13	16	23	2	5	7	0.152813	0.241182	0.326206	0.03649
protein_co	EPH_recept	1794	1271	1440	557	532	175	19.85852	18.04178	19.23247	9.56996
protein_co	variable_ch	0	0	0	3	2	3	0	0	0	0.22579
protein_co	actin-like_1	83	83	69	26	24	11	1.919069	2.460933	1.924906	0.933074
protein_co	epithelial_r	6	4	5	0	0	0	0.235234	0.201103	0.23652	0
lincRNA	long_interg	1	4	1	2	1	0	0.07961	0.408352	0.096053	0.24713
protein_co	chromosor	26	28	31	40	52	14	0.438224	0.605188	0.630424	1.046439
protein_co	heparan_su	0	0	0	155	215	86	0	0	0	3.52197
protein_co	trafficking_	1686	1306	1419	1346	1543	1114	14.28045	14.18524	14.50156	17.69538
protein_co	histone_clu	1	2	2	5	2	3	0.094536	0.242459	0.228127	0.733667
polymorph	tetraspanir	18	16	17	13	21	24	0.445158	0.507424	0.50727	0.499018
protein_co	phospholip	216	163	190	208	236	180	1.388382	1.343544	1.473522	2.075147
pseudogen	-	0	0	0	0	1	0	0	0	0	0
protein_co	spindle_an	844	668	661	575	667	715	14.14409	14.35551	13.36541	14.95654
protein_co	relaxin/insu	3	2	1	2	5	14	0.055535	0.047477	0.022335	0.057465
protein_co	necdin_me	399	296	338	661	798	702	9.919998	9.437126	10.13919	25.50766
protein_co	coiled-coil_	0	0	0	18	29	40	0	0	0	0.771063
protein_co	family_witl	30	23	23	13	13	18	0.477657	0.469605	0.441846	0.321269
processed_	-	0	0	0	2	6	2	0	0	0	0.190026
protein_co	neurotrimi	3399	2739	2974	170	160	124	49.96212	51.62869	52.74469	3.878547
protein_co	tetratricop	10582	8638	9295	389	355	338	47.88094	50.12074	50.74489	2.731964
protein_co	potassium_	7	8	5	26	33	28	0.091633	0.134293	0.078972	0.528273
protein_co	protein_ph	0	1	2	5	15	8	0	0.04167	0.078414	0.252182
protein_co	BRICHOS_d	126	81	92	45	64	71	3.088417	2.546008	2.720829	1.712018
protein_co	galanin_rec	3	2	0	37	53	39	0.103131	0.088167	0	1.974232
protein_co	regulated_e	0	0	0	2	1	0	0	0	0	0.168083
protein_co	IgA-inducir	40	50	34	28	22	13	0.653292	1.047193	0.669999	0.7098
protein_co	tsukushi_sr	4720	3390	3596	688	892	965	62.27374	57.3551	57.2441	14.08906
protein_co	annexin_A2	22366	18276	18928	2186	2115	2219	297.2625	311.4887	303.5321	45.09542
pseudogen	selenophos	0	0	0	1	0	0	0	0	0	0.075971
protein_co	regulator_c	23	12	18	4	11	3	0.347333	0.232386	0.327974	0.093758
protein_co	homeobox_	369	287	311	0	0	2	4.605381	4.593359	4.683253	0
protein_co	solute_carr	6	2	3	13	11	6	0.119262	0.050979	0.071949	0.401076
protein_co	progestin_a	448	368	383	125	166	111	6.371467	6.711485	6.572162	2.759319
protein_co	pregnancy-	1227	1018	1095	27	23	10	5.249936	5.585558	5.652904	0.17931
protein_co	v-maf_musc	0	1	2	164	279	70	0	0.02562	0.048211	5.085593
protein_co	neugrin_ne	766	556	683	479	648	613	12.90149	12.00868	13.87969	12.5221
protein_co	glutamate_	7	7	7	10	10	4	0.056262	0.072148	0.067883	0.124751
protein_co	hydroxycar	0	0	1	0	0	2	0	0	0.027584	0
protein_co	coiled-coil_	7	5	4	4	13	11	0.1126	0.103139	0.077634	0.099869
protein_co	chromosor	0	1	1	62	63	47	0	0.010947	0.0103	0.821472
pseudogen	transmemb	140	113	107	129	168	108	2.355437	2.437986	2.172077	3.36871
protein_co	melanoma_	0	0	2	3	7	15	0	0	0.078906	0.152259
protein_co	cysteine-ric	3448	2621	2727	261	299	152	81.82023	79.75718	78.07763	9.613122
protein_co	DEAD_(Asp	180	131	151	270	375	453	3.256251	3.038967	3.295872	7.581229

protein_co	acyl-CoA_b	1825	1450	1616	642	847	599	23.95026	24.40196	25.58803	13.07714
protein_co	chromosor	1410	1037	1231	731	991	939	11.10615	10.47448	11.69905	8.937012
protein_co	phosphatid	42	29	28	1	0	0	0.255631	0.226345	0.205622	0.009447
pseudogen	ribosomal_	147	151	193	201	365	260	2.902245	3.822989	4.597504	6.159469
protein_co	glycosylph	0	0	0	0	1	0	0	0	0	0
protein_co	vitelline_m	10	5	7	4	1	1	0.612141	0.392492	0.517009	0.380051
protein_co	ALG12_alp	589	509	566	516	653	584	11.70264	12.96867	13.56853	15.91287
protein_co	lymphocyt	0	2	0	874	1008	619	0	0.055522	0	29.36729
protein_co	UDP-N-acet	14	6	4	4	6	1	0.27239	0.149701	0.093901	0.120796
protein_co	collagen_ty	21848	14700	16294	5172	7936	6010	155.0557	133.7836	139.5249	56.97247
protein_co	RNA_bindi	2056	1633	1782	1799	2261	1782	25.72882	26.20549	26.9062	34.94285
antisense	-	47	29	36	107	137	58	0.975146	0.771577	0.901203	3.445769
protein_co	G_protein-	0	0	0	7	8	0	0	0	0	0.186752
pseudogen	-	0	0	0	0	2	0	0	0	0	0
protein_co	glutamate_	16	7	14	10	17	11	0.321577	0.180415	0.339502	0.311958
protein_co	transmemb	0	0	0	0	1	0	0	0	0	0
protein_co	ribosomal_	7644	5822	5637	8607	8719	8555	249.4275	243.6156	221.9319	435.9191
protein_co	regulator_c	289	247	227	27	28	16	5.433526	5.955116	5.149414	0.787913
protein_co	solute_carr	10	5	8	10	13	17	0.191076	0.122514	0.184435	0.296576
protein_co	zinc_finger_	187	168	166	427	361	614	1.952011	2.248844	2.090724	6.918294
protein_co	leukocyte_	201	135	141	92	119	41	4.924187	4.24113	4.167788	3.498298
protein_co	chromosor	9	3	8	38	45	18	0.17424	0.07448	0.186872	1.14188
protein_co	transcriptic	672	604	597	70	70	49	26.77153	30.85675	28.69633	4.32845
protein_co	chromosor	333	257	257	351	385	248	3.813966	3.774635	3.551516	6.239792
protein_co	centrosom	324	270	298	289	286	311	2.629347	2.809804	2.917878	3.64025
protein_co	WAP_four-	0	0	0	6	0	3	0	0	0	0.693141
protein_co	signal_reco	4533	3794	3899	1255	1463	1362	69.25788	74.33446	71.87615	29.7617
protein_co	otopetrin_	0	0	0	0	1	0	0	0	0	0
protein_co	Ewing_sarc	5697	4513	4909	4072	5215	6467	36.66883	37.24993	38.12343	40.68076
protein_co	outer_dens	9	12	13	0	1	0	0.352851	0.603309	0.614951	0
protein_co	high_mobil	749	584	569	677	729	467	28.6699	28.66596	26.27874	40.22198
protein_co	spermatog	337	278	290	443	570	488	1.836794	1.943053	1.907113	3.747699
protein_co	gap_junctic	2628	2167	2356	1787	2378	2405	16.12918	17.05514	17.44658	17.02323
protein_co	SRY_(sex_d	0	0	1	1	3	13	0	0	0.013772	0.017717
protein_co	CCR4-NOT_	446	355	393	399	517	551	7.429111	7.582976	7.898463	10.31586
protein_co	metastasis_	1858	1442	1586	2785	3404	2231	30.29265	30.14853	31.19915	70.47696
protein_co	zinc_finger_	0	0	0	0	2	0	0	0	0	0
protein_co	cell_adhesi	1493	1162	1246	617	668	468	16.5775	16.54531	16.69265	10.63347
protein_co	zinc_finger_	350	280	293	668	793	830	2.545209	2.611095	2.570816	7.539843
protein_co	chromosor	12	10	7	16	25	24	0.196056	0.209511	0.137989	0.405741
protein_co	pyrroline-5	3754	2556	2897	1708	2404	1365	93.13499	81.31839	86.71917	65.77138
protein_co	LSM_doma	895	557	696	335	390	363	42.00857	33.52582	39.41597	24.40564
pseudogen	IQ_motif_c	0	0	0	2	3	0	0	0	0	0.059267
protein_co	spinster_ho	3	7	4	44	63	36	0.040809	0.122109	0.065652	0.929014
protein_co	chromosor	1	0	0	0	1	3	0.027104	0	0	0
protein_co	adaptor-rel	1969	1650	1693	968	1221	1224	20.18064	21.68616	20.93603	15.39909
protein_co	solute_carr	440	326	373	27	24	29	3.376143	3.20771	3.453226	0.32156
protein_co	olfactory_r	0	0	0	1	0	0	0	0	0	0.072926
protein_co	solute_carr	15	11	8	51	65	58	0.252549	0.237497	0.162515	1.332772
protein_co	otopetrin_	0	0	0	1	0	0	0	0	0	0.033898
protein_co	Purkinje_ce	1	3	0	5	4	3	0.066416	0.255509	0	0.515438
protein_co	4-aminobu	134	106	124	154	182	135	1.124823	1.141024	1.255883	2.006461
protein_co	solute_carr	74	37	50	84	160	107	1.783074	1.14327	1.453636	3.141574
protein_co	calcium/ca	615	468	540	429	585	355	3.536591	3.451158	3.746722	3.829107
protein_co	RANBP2-lik	3	6	4	0	5	0	0.019633	0.050353	0.031584	0
pseudogen	family_witl	4	3	10	1	0	1	0.266421	0.256235	0.803629	0.10338
protein_co	LysM_putat	230	205	207	226	273	280	3.545268	4.052139	3.849812	5.407046
protein_co	WBP2_N-te	0	0	0	0	1	0	0	0	0	0
protein_co	immunoglo	5	3	6	14	24	19	0.11348	0.087313	0.164304	0.493184
protein_co	NK2_home	0	0	0	0	3	0	0	0	0	0
protein_co	arylformam	329	217	230	415	453	355	8.917234	7.542292	7.521599	17.45874
protein_co	GATS_prote	0	0	0	2	0	2	0	0	0	0.14703
protein_co	growth_arr	3162	2147	2392	434	717	440	56.33216	49.04965	51.41664	12.00092
protein_co	FRAS1_rela	1	0	3	4	3	1	0.006968	0	0.025223	0.043263
protein_co	nebulin	49	34	46	77	56	35	0.087688	0.078025	0.099323	0.213879

protein_co	brain-enric	151	115	102	46	62	16	1.218446	1.189972	0.993065	0.576126
protein_co	glypican_6	1195	931	926	793	833	610	8.664539	8.656385	8.100961	8.924444
protein_co	Rho_guanir	26	20	19	8	14	8	0.245399	0.242068	0.216372	0.117198
protein_co	family_witl	805	491	590	31	52	11	14.62474	11.43887	12.9328	0.874147
protein_co	CUB_and_S	40	17	26	3	2	5	0.154574	0.084243	0.121227	0.017994
pseudogen	olfactory_r	0	0	0	2	0	1	0	0	0	0.152738
protein_co	calcium_ho	0	0	0	6	0	0	0	0	0	0.264333
protein_co	prostaglanc	2	3	0	2	7	2	0.032394	0.062311	0	0.05028
protein_co	centrosom	298	256	299	107	135	74	3.646458	4.017022	4.414425	2.032213
protein_co	Down_sync	2	4	3	18	39	17	0.04196	0.107615	0.07594	0.586146
protein_co	ankyrin_rep	2	1	0	1	1	0	0.02671	0.017126	0	0.020729
protein_co	G_protein-	2	2	3	108	89	52	0.053558	0.068681	0.096931	4.488988
protein_co	gap_junctio	2	0	1	1	4	3	0.105253	0	0.063497	0.081683
protein_co	Uncharacte	2	0	3	0	1	0	0.044957	0	0.081365	0
protein_co	RAB_intera	293	224	215	106	142	112	5.653817	5.542829	5.005652	3.174757
protein_co	transmemb	826	589	648	2	2	1	14.30778	13.08328	13.54301	0.053772
protein_co	Fanconi_an	244	230	231	343	441	270	3.45759	4.179466	3.949514	7.544114
protein_co	calneuron_	99	50	65	235	235	235	0.490761	0.317844	0.388773	1.808146
pseudogen	-	1	1	0	0	0	0	0.021881	0.028059	0	0
protein_co	single-pass_	378	261	246	199	300	213	11.31106	10.01524	8.881668	9.242617
protein_co	C2_calcium	240	158	204	190	338	375	3.640765	3.073603	3.733874	4.473686
protein_co	carbohydra	2287	1802	1940	360	517	334	36.25337	36.6308	37.10496	8.857582
pseudogen	heat_shock	7	7	8	29	30	24	0.151049	0.193699	0.208285	0.97129
protein_co	POTE_anky	0	0	0	2	5	6	0	0	0	0.022203
protein_co	RuvB-like_2	2546	2015	2214	3113	3740	2963	47.98311	48.69837	50.34492	91.06251
protein_co	GDP-D-gluc	33	28	21	26	37	36	0.970138	1.05557	0.744881	1.186379
protein_co	catenin_(ca	5	2	1	5	10	10	0.07254	0.037209	0.017505	0.112593
pseudogen	-	0	2	1	2	1	0	0	0.264307	0.124342	0.319911
antisense	WT1_antise	0	0	0	1	1	0	0	0	0	0.019012
protein_co	RIMS_bindi	0	1	1	0	1	0	0	0.010396	0.009781	0
protein_co	Protein_FL	46	51	31	1411	2107	1056	0.477411	0.678756	0.38819	22.72959
protein_co	chromosor	50	28	44	8	10	39	1.01802	0.731061	1.080904	0.252817
protein_co	pituitary_t	6209	5060	5280	2491	3049	2753	105.4855	110.238	108.2314	65.68641
protein_co	DEAD_(Asp	1589	1201	1368	1849	2031	2005	25.26559	24.48826	26.24459	45.63237
protein_co	abhydrolas	63	51	47	28	66	32	1.663328	1.7267	1.497212	1.147429
protein_co	coiled-coil_	0	0	0	7	3	2	0	0	0	0.207942
protein_co	plasminoge	2	5	6	3	2	2	0.045065	0.144473	0.16312	0.10492
protein_co	DAZ_associ	1984	1666	1708	500	538	395	37.97134	40.88826	39.44121	14.85302
protein_co	collagen_a	6	5	9	49	70	57	0.086566	0.092507	0.156671	1.097295
protein_co	Homo_sapi	2402	1793	1843	1093	1207	1375	63.382	60.6712	58.67679	44.76552
pseudogen	-	7	7	7	20	34	16	0.372989	0.478305	0.450032	1.654086
protein_co	cat_eye_sy	23	25	26	226	345	190	0.217697	0.303441	0.296924	3.320193
protein_co	zinc_finger	492	446	507	366	478	436	5.844917	6.794499	7.267236	6.748773
protein_co	EPH_recept	0	0	0	16	29	10	0	0	0	0.21465
protein_co	coiled-coil_	89	73	68	66	86	81	0.994095	1.045611	0.916421	1.144227
protein_co	chromosor	0	0	1	0	0	2	0	0	0.061031	0
protein_co	BCL6_corep	1134	846	902	1226	1525	1793	8.321327	7.960846	7.986089	13.9637
protein_co	jerky_homo	391	295	369	116	129	95	5.135573	4.968709	5.84772	2.364834
protein_co	chromosor	5	4	1	0	2	0	0.13914	0.142741	0.033576	0
protein_co	guanylate_	0	0	0	0	0	7	0	0	0	0
protein_co	KIAA2026	599	505	497	321	318	292	4.019336	4.345385	4.023759	3.343205
polymorph	ovochymas	3	1	4	3	4	2	0.079745	0.034087	0.128289	0.123775
protein_co	synapse_di	0	0	0	78	70	15	0	0	0	2.177531
protein_co	four_and_a	1257	968	1012	586	688	681	35.78673	35.3404	34.76285	25.89494
protein_co	pro-melani	0	4	1	3	2	2	0	0.313994	0.073858	0.285038
protein_co	transmemb	3	0	2	8	7	4	0.212493	0	0.170923	0.879514
protein_co	chromosor	171	125	151	50	70	50	11.89643	11.15167	12.67493	5.399095
protein_co	coiled-coil_	48	47	39	26	37	14	1.598523	2.007174	1.567077	1.343945
pseudogen	ribosomal_	50	43	44	71	71	75	3.623649	3.996262	3.847484	7.986655
protein_co	receptor-in	172	134	134	560	716	560	2.007738	2.005823	1.887259	10.14605
protein_co	leucine-rich	0	1	0	0	2	2	0	0.015903	0	0
protein_co	nuclear_po	96	84	72	62	80	69	0.842493	0.945331	0.762387	0.844534
protein_co	splicing_fa	1947	1657	1777	2525	2748	3177	24.85567	27.12635	27.37127	50.0324
pseudogen	zinc_finger	0	0	0	1	0	0	0	0	0	0.146144
pseudogen	-	45	27	52	27	33	29	2.259155	1.738228	3.149814	2.103913

protein_co	glutamate_	50	43	50	50	58	36	0.251152	0.276977	0.303029	0.389822
pseudogen	-	411	283	385	179	234	189	2.821639	2.491469	3.189102	1.907406
protein_co	parahox_cl	0	0	0	0	0	7	0	0	0	0
protein_co	somatostat	0	0	0	0	2	1	0	0	0	0
protein_co	general_tra	297	234	271	176	223	270	4.717593	4.766386	5.193754	4.339175
protein_co	ankyrin_rep	211	201	181	121	204	119	1.984713	2.424491	2.054196	1.766571
protein_co	SH2_domai	5	3	2	16	29	6	0.085255	0.065596	0.041146	0.423446
protein_co	three_prim	5	9	7	6	7	6	0.103647	0.239243	0.175079	0.19305
protein_co	G_protein-	172	162	159	3	0	3	2.204779	2.662938	2.459132	0.059688
protein_co	myxovirus_	4	2	3	20	33	16	0.046152	0.029591	0.041763	0.358168
protein_co	E1A_bindir	3493	2675	2822	2224	3246	2333	13.23423	12.9967	12.90046	13.07872
protein_co	mex-3_hon	1023	700	770	201	264	196	11.0705	9.714022	10.05381	3.376123
pseudogen	-	2	2	1	2	2	1	0.274211	0.351636	0.165425	0.425613
pseudogen	phosphatid	493	380	396	468	582	367	5.970242	5.901168	5.786131	8.796732
protein_co	family_witl	11	6	11	39	51	58	0.089687	0.062733	0.108213	0.493551
protein_co	cytochrom	306	306	299	369	394	257	8.180356	10.49015	9.644285	15.31114
protein_co	UTP11-like_	882	696	752	561	661	757	20.4839	20.72825	21.0722	20.22262
protein_co	proteasom	590	434	491	440	495	666	12.8436	12.11529	12.89627	14.86681
protein_co	proline_ric	1108	918	1003	1358	1503	1001	4.799015	5.098758	5.24157	9.129408
processed_	COL18A1_a	41	32	14	15	21	16	0.561311	0.561797	0.231258	0.318744
protein_co	histone_clu	0	5	2	3	5	2	0	0.308675	0.116171	0.224168
protein_co	folate_rece	0	0	0	1	5	0	0	0	0	0.09041
protein_co	HCG17829	13	5	9	12	9	19	0.414392	0.204384	0.346145	0.593717
protein_co	serine_hyd	70	87	76	103	105	121	1.565983	2.495846	2.051402	3.576488
protein_co	poly(rC)_bi	41	33	30	162	184	83	0.873066	0.901128	0.770783	5.354372
protein_co	pyroglutam	3	1	1	1	2	0	0.094855	0.040546	0.038149	0.049076
protein_co	SET_domai	1087	830	908	986	1270	1031	17.71002	17.34112	17.84939	24.93429
protein_co	tumor_nec	117	90	91	18	33	5	2.425346	2.392432	2.276026	0.57915
protein_co	zinc_and_r	374	282	348	734	967	568	2.559753	2.475055	2.873781	7.797456
protein_co	F-box_and_	1239	985	1097	450	559	311	12.73493	12.98287	13.60441	7.179069
protein_co	transport_a	232	165	187	72	127	102	3.49903	3.191192	3.402901	1.685476
protein_co	histone_clu	5	2	0	0	3	6	0.570438	0.292602	0	0
pseudogen	-	37	14	19	21	57	19	0.315213	0.152946	0.195301	0.277685
protein_co	sideroflexir	134	96	129	200	234	294	4.609877	4.235114	5.354542	10.67935
protein_co	family_witl	21	28	27	87	143	15	1.05202	1.798755	1.631986	6.764789
protein_co	mitochond	401	292	350	361	428	483	30.03658	28.04776	31.63167	41.97046
protein_co	zinc_finger_	54	40	48	32	46	21	0.740802	0.703684	0.794507	0.681379
protein_co	chromosor	743	644	644	1128	1444	1034	13.8526	15.39705	14.48693	32.64239
protein_co	DiGeorge_s	112	63	70	94	122	104	1.618392	1.167389	1.220427	2.108259
protein_co	golgin_A8_	0	0	1	0	0	0	0	0	0.009285	0
protein_co	retinitis_pi	1	0	6	2	4	2	0.005881	0	0.042575	0.018257
protein_co	chromosor	1	0	0	0	0	0	0.02681	0	0	0
protein_co	chromosor	17	5	6	0	0	0	0.257222	0.097015	0.109536	0
protein_co	zinc_finger_	77	67	77	128	149	229	0.826776	0.922532	0.997553	2.13323
protein_co	NADH_dehy	444	330	391	446	532	553	15.61828	14.88585	16.59492	24.35093
protein_co	membrane-	0	0	0	16	10	7	0	0	0	0.668855
protein_co	kelch-like_f	420	274	279	363	569	492	5.240502	4.384131	4.200257	7.030087
protein_co	-	5	5	1	1	1	2	0.080678	0.103458	0.019469	0.025045
protein_co	family_witl	0	1	0	0	0	0	0	0.029856	0	0
pseudogen	-	0	0	0	2	0	0	0	0	0	0.152738
protein_co	tRNA_meth	172	169	158	187	278	267	3.641121	4.587781	4.035634	6.14439
pseudogen	glucuronid	117	108	95	71	85	88	4.203933	4.976259	4.118523	3.959667
protein_co	pregnancy_	0	0	0	0	0	1	0	0	0	0
protein_co	G_protein-	3	8	7	4	4	11	0.061294	0.209603	0.172561	0.126849
protein_co	bone_morp	11	8	10	2	5	4	0.304841	0.284302	0.334371	0.086028
protein_co	Aly/REF_ex	1884	1397	1478	1655	2164	2516	80.67652	76.71354	76.36402	110.0005
protein_co	family_witl	3738	2525	3055	710	877	542	48.4051	41.92978	47.73216	14.27055
protein_co	EF-hand_dc	5	8	6	45	63	32	0.072116	0.147966	0.104415	1.00741
protein_co	noggin	5	8	25	18	29	21	0.123917	0.254249	0.747562	0.692408
protein_co	uridine_ph	660	453	531	555	657	799	11.12416	9.791085	10.79856	14.51933
protein_co	opioid_bin	114	98	84	17	31	18	0.782301	0.862391	0.695499	0.181071
protein_co	tripartite_r	143	109	103	89	93	70	1.934027	1.890438	1.680784	1.868302
protein_co	lipoma_HM	1268	976	1086	9	20	27	28.17846	27.81359	29.11896	0.310435
protein_co	CKLF-like_M	1206	920	958	1483	1822	957	8.048585	7.873529	7.71411	15.36186
protein_co	transmemb	1499	1305	1316	928	1156	936	26.19759	29.24688	27.75004	25.17319

protein_co	neuropepti	3	0	0	5	5	8	0.052352	0	0	0.135429
protein_co	achaete-scu	0	0	0	4	3	4	0	0	0	0.157192
protein_co	TANK-bindi	388	352	352	187	214	257	5.587631	6.500519	6.116271	4.179921
protein_co	chromobo	3074	2292	2365	521	750	340	23.54458	22.51184	21.85578	6.193773
protein_co	metastasis_	1	1	5	533	616	431	0.00512	0.006565	0.030885	4.235357
protein_co	cDNA_FLJ5	3	1	6	0	0	0	0.027204	0.011628	0.065646	0
protein_co	transducin_	1414	1035	1117	1671	2055	1814	9.746066	9.148073	9.28926	17.87668
protein_co	Iron/zinc_p	1	3	4	3	3	1	0.015809	0.060819	0.076299	0.073614
protein_co	kringle_cor	136	118	108	244	288	95	1.03155	1.147738	0.988378	2.872577
protein_co	TRAF_interi	234	217	197	367	384	448	5.415728	6.440358	5.501172	13.18371
protein_co	checkpoint	251	227	262	1188	1400	956	4.59742	5.331822	5.790149	33.77438
protein_co	forkhead_b	4	5	5	63	94	144	0.064299	0.103068	0.096975	1.571864
protein_co	apoptosis-i	3	1	1	22	25	15	0.049358	0.021098	0.019851	0.561809
protein_co	potassium_	8	5	5	3	7	0	0.06644	0.05325	0.050102	0.038672
protein_co	UDP-Gal:be	42	19	24	130	158	184	0.673984	0.390988	0.464686	3.237979
protein_co	zinc_finger_	1805	1327	1508	24	27	58	25.28727	23.83993	25.49025	0.521875
protein_co	solute_carr	15	11	12	51	48	34	0.24329	0.228789	0.234834	1.283905
protein_co	potassium_	0	0	1	61	62	60	0	0	0.021869	1.716107
protein_co	chromosor	0	0	0	3	4	4	0	0	0	0.07837
protein_co	tubulin_alp	6	3	4	2	3	4	0.139415	0.08939	0.112142	0.072131
protein_co	transcriptic	1	0	1	8	1	0	0.024981	0	0.030141	0.310196
protein_co	Homo_sapi	26	30	37	21	19	24	1.157778	1.7131	1.987933	1.451449
protein_co	elastin_mic	50	17	23	220	291	126	0.617624	0.269285	0.342792	4.218007
protein_co	olfactomed	10	10	6	4	2	3	0.167944	0.215365	0.121581	0.104269
protein_co	family_witl	0	0	1	12	16	14	0	0	0.054768	0.845458
protein_co	RNA_bindi	618	475	551	653	762	430	3.986522	3.929241	4.2885	6.538067
protein_co	chemokine	0	0	0	7	4	1	0	0	0	0.164607
protein_co	lin-9_homo	178	111	137	200	242	257	2.3399	1.871154	2.172931	4.080729
protein_co	BTB_(POZ)_	621	494	520	111	146	110	3.415683	3.484354	3.45094	0.947631
protein_co	nudix_(nuc	128	76	62	149	248	150	5.760002	4.385667	3.366297	10.40709
protein_co	ankyrin_rep	11	17	20	9	18	15	0.28278	0.56042	0.620345	0.359111
protein_co	MYCBP-asso	9	2	7	21	19	7	0.095197	0.027128	0.089336	0.344772
protein_co	paraneopla	6	3	5	45	71	51	0.075004	0.048091	0.075414	0.873125
protein_co	G_protein-r	17	9	5	4	2	1	0.286326	0.194385	0.101608	0.104569
protein_co	family_witl	0	0	1	7	9	10	0	0	0.020633	0.185798
protein_co	zinc_finger_	52	46	53	219	256	282	1.027077	1.16511	1.263059	6.713891
protein_co	kin_of_IRR	4781	3759	4019	1010	1269	1310	32.6319	32.90071	33.09708	10.6998
protein_co	IQ_motif_c	1283	1120	1167	886	1162	839	10.04674	11.24672	11.02599	10.76869
protein_co	cyclic_nucl	0	0	0	1	1	0	0	0	0	0.025681
protein_co	transducer_	1337	973	1030	1109	1397	1527	13.74522	12.82751	12.77631	17.69629
protein_co	sodium_ch	0	0	0	425	482	322	0	0	0	3.637278
protein_co	arylsulfatas	284	155	174	369	485	200	4.212833	2.948471	3.114248	8.495965
protein_co	ubiquitous	263	208	232	326	328	293	1.888815	1.915607	2.010341	3.633974
protein_co	NPIP-like_p	3	1	2	3	1	5	0.031163	0.013321	0.025067	0.048369
protein_co	tetratricop	71	49	44	88	141	60	4.050111	3.58438	3.028373	7.791512
protein_co	leucine_ric	0	0	0	13	7	17	0	0	0	0.174887
pseudogen	ribosomal_	0	0	2	0	0	0	0	0	0.244916	0
protein_co	dynein_axo	6	4	2	9	11	3	0.018812	0.016083	0.007566	0.043799
protein_co	SH2_domai	0	0	0	0	0	1	0	0	0	0
protein_co	short_chai	2	1	2	4	7	1	0.037097	0.023786	0.044759	0.115158
pseudogen	dual_specif	25	17	21	0	0	0	0.475944	0.415025	0.482373	0
pseudogen	5-hydroxyt	164	109	119	24	27	40	1.74336	1.485864	1.526295	0.395991
TR_V_gene	T_cell_rece	0	0	0	1	0	0	0	0	0	0.19831
protein_co	histone_clu	0	1	0	0	0	3	0	0.035454	0	0
protein_co	protein_kir	425	366	403	1225	1592	1146	3.304304	3.649064	3.780456	14.78283
protein_co	SET_domai	1208	1011	1043	348	492	300	18.03922	19.36026	18.79244	8.066042
protein_co	potassium_	0	0	0	61	61	26	0	0	0	0.864234
protein_co	smoothelir	2158	1674	1884	311	480	260	19.91903	19.81442	20.98194	4.455614
protein_co	neuropepti	127	58	78	167	179	80	5.867027	3.435988	4.347674	11.97461
protein_co	protein_ph	10	18	9	20	17	14	0.217992	0.503178	0.236718	0.676707
protein_co	cytochrom	661	557	541	419	472	626	22.55772	24.37576	22.27609	22.19413
pseudogen	melanoma_	0	0	0	0	1	0	0	0	0	0
protein_co	ST6_(alpha-	165	117	139	177	163	135	1.127657	1.025388	1.146188	1.877572
protein_co	protein_tyr	3919	2954	3278	2204	3300	2450	46.77067	45.2083	47.20145	40.82634
protein_co	actin_gamr	106587	82457	87681	70830	74358	74250	2215.366	2197.749	2198.846	2285.015

protein_co	transmemb	0	0	2	97	136	150	0	0	0.034923	2.178901
protein_co	DENN/MAD	2943	2314	2385	1261	1392	1029	27.4294	27.6566	26.82023	18.24197
protein_co	-	0	0	0	0	0	1	0	0	0	0
protein_co	diablo_IAP-	40	30	40	36	36	43	0.73009	0.702177	0.880895	1.01988
pseudogen	olfactory_r	0	0	0	0	0	2	0	0	0	0
protein_co	vacuolar_p	423	362	371	522	576	389	7.168225	7.866638	7.585657	13.73005
protein_co	T-box_1	1617	1278	1412	375	562	348	36.41746	36.90964	38.36917	13.10875
protein_co	ArfGAP_wit	1	1	1	21	32	12	0.015982	0.020494	0.019283	0.520919
processed_	-	123	80	80	88	135	132	1.929566	1.609362	1.514232	2.142731
protein_co	ubiquinol-(	830	643	681	698	901	840	42.48768	42.20902	42.06105	55.45884
protein_co	family_witl	265	237	220	126	147	109	1.542243	1.768743	1.54482	1.138172
pseudogen	-	1	0	0	0	0	1	0.154243	0	0	0
pseudogen	-	1	4	5	7	7	5	0.023814	0.122153	0.143666	0.25874
pseudogen	triggering_	3	8	4	0	0	0	0.114927	0.393005	0.184887	0
protein_co	tripartite_r	0	1	0	0	0	0	0	0.033461	0	0
protein_co	eukaryotic_	573	482	537	648	713	741	6.789987	7.324377	7.677798	11.91845
pseudogen	-	4	0	1	0	2	4	0.430184	0	0.12976	0
protein_co	claudin_5	2	1	0	28	40	16	0.036805	0.023599	0	0.799778
protein_co	nipsnap_ho	2482	1993	2122	4249	4430	2830	52.02549	53.57116	53.66706	138.2393
protein_co	contactin_	5	4	1	10	13	10	0.028799	0.029544	0.006949	0.089399
protein_co	leucine_ric	108	95	86	79	71	60	1.324993	1.494592	1.273023	1.504344
protein_co	potassium_	35	19	16	93	96	78	0.143445	0.099857	0.07912	0.591602
protein_co	adrenocept	7	8	7	494	748	335	0.154316	0.226158	0.186191	16.90325
protein_co	nuclear_rec	112	118	111	200	225	175	3.355707	4.533748	4.012704	9.300933
protein_co	family_witl	25	8	21	57	84	33	1.131516	0.464323	1.146801	4.004294
protein_co	cysteine-ric	1272	989	942	331	475	552	22.74756	22.68054	20.32575	9.187687
protein_co	sec1_family	439	296	308	193	202	245	6.481334	5.604036	5.486541	4.422702
protein_co	ubiquitin-c	134	96	115	92	101	148	3.127557	2.8733	3.238518	3.332873
protein_co	potassium_	54	21	34	104	123	46	0.46717	0.232975	0.354902	1.396513
protein_co	G_protein-(	475	463	495	165	263	136	4.966055	6.207379	6.244119	2.677518
protein_co	protein_ph	573	471	482	384	407	314	7.783308	8.204268	7.899593	8.096015
protein_co	TSPY-like_2	771	576	671	307	352	268	8.652993	8.289795	9.086205	5.34787
protein_co	golgin_A6_	22	21	22	9	10	6	0.226075	0.276731	0.272773	0.14355
protein_co	phosphogly	1442	1060	1088	1104	1911	1592	24.79479	23.37278	22.57211	29.46421
protein_co	chromosor	212	174	157	117	151	156	1.998127	2.103032	1.785398	1.711605
protein_co	small_nucl	345	288	302	249	302	206	7.485912	8.013596	7.906433	8.386011
protein_co	interleukin	1394	997	1148	1136	1336	1379	17.82997	16.35281	17.7165	22.55261
protein_co	cms1_ribos	442	305	285	543	572	649	9.662185	8.549924	7.517025	18.42398
protein_co	oligodendr	1	0	1	13	19	5	0.020593	0	0.024847	0.415519
protein_co	chromosor	0	0	0	2	2	5	0	0	0	0.059876
protein_co	protocadhe	151	151	152	2	0	11	1.13723	1.458336	1.38122	0.023379
protein_co	acyl-CoA_th	54	54	49	23	33	35	1.478144	1.89551	1.61833	0.977195
protein_co	OAF_homo	8924	6641	7077	99	164	97	165.7214	158.1473	158.5683	2.853545
protein_co	aldehyde_d	177	97	81	127	174	64	2.11507	1.486389	1.167843	2.355513
protein_co	cerebellar_	57	61	53	4	8	7	2.05753	2.823647	2.308315	0.22411
protein_co	histone_clu	17	15	17	15	6	21	1.824097	2.063952	2.200878	2.498163
protein_co	potassium_	13	4	5	413	639	180	0.299249	0.118075	0.13887	14.75604
protein_co	histone_clu	0	0	1	0	0	0	0	0	0.126285	0
protein_co	POU_class_	474	353	347	197	271	208	4.309845	4.115924	3.806806	2.780225
lincRNA	long_interg	6	2	0	6	3	3	0.121111	0.051769	0	0.187981
protein_co	TM2_doma	442	370	391	210	281	275	6.681298	7.172155	7.131213	4.927066
protein_co	tumor_sup	1127	786	846	540	803	723	31.34345	28.03204	28.38842	23.31026
protein_co	tumor-asso	0	0	1	20	27	36	0	0	0.027358	0.703867
protein_co	C-type_lect	0	0	0	1	0	0	0	0	0	0.068082
protein_co	SIX_homeo	2	1	1	15	12	43	0.033649	0.021575	0.0203	0.39171
pseudogen	dopamine_	0	0	0	0	1	1	0	0	0	0
protein_co	protein_kir	128	118	125	31	38	53	1.610822	1.904272	1.897997	0.605522
protein_co	coiled-coil_	15	5	12	8	16	13	0.120293	0.051419	0.116112	0.099579
protein_co	zinc_finger_	28	18	19	183	273	208	0.248659	0.204988	0.203586	2.522482
protein_co	maestro_he	2	2	1	17	21	1	0.015759	0.020208	0.009507	0.207907
pseudogen	-	383	292	284	139	170	142	6.012346	5.878105	5.379124	3.386807
protein_co	olfactory_r	0	0	0	1	0	0	0	0	0	0.07653
protein_co	SRSF_prote	19	3	4	13	24	22	0.198908	0.040274	0.050525	0.211239
protein_co	growth_dif	0	0	0	405	481	728	0	0	0	23.79001
protein_co	slit_homol	386	322	357	65	97	43	1.864779	1.994827	2.080925	0.487398

protein_co	histone_clu	10	10	13	8	7	17	1.019348	1.307169	1.598873	1.265736
protein_co	ephrin-A5	293	222	268	176	213	167	2.575216	2.502121	2.842031	2.400983
protein_co	histone_clu	0	0	1	1	0	0	0	0	0.071615	0.092126
protein_co	spermatoge	7	5	5	11	14	3	0.172119	0.157655	0.148336	0.41981
protein_co	plakophilin	2	3	0	112	141	47	0.033386	0.064218	0	2.901865
protein_co	MAP7_dom	4	4	4	24	24	29	0.047725	0.061201	0.057583	0.444457
protein_co	colony_stir	231	187	167	142	170	136	2.572825	2.670848	2.244206	2.454806
protein_co	collectin_s	3	5	2	0	1	0	0.111114	0.237479	0.089377	0
protein_co	actin-relate	107	104	71	58	94	179	2.50236	3.118952	2.003422	2.105351
protein_co	phospholip	316	266	290	533	647	210	4.529882	4.889797	5.015866	11.85926
protein_co	mastermin	860	732	756	189	252	182	5.67484	6.194063	6.01901	1.935742
protein_co	poly(A)_bin	0	0	0	3	10	1	0	0	0	0.099245
pseudogen	alpha_13-g	1	0	3	0	0	0	0.04689	0	0.169727	0
protein_co	synovial_sa	648	500	583	473	625	439	6.762682	6.691497	7.34109	7.661884
protein_co	potassium_	1	0	0	117	121	139	0.008796	0	0	1.597306
pseudogen	-	0	0	3	11	8	5	0	0	0.168714	0.795803
protein_co	topoisome	449	401	411	1026	1221	897	10.37635	11.88371	11.46009	36.8024
protein_co	coatomer_	6628	5487	5800	2270	2606	2052	88.19155	93.62434	93.11519	46.88143
protein_co	leucine_ric	2	2	2	1	0	0	0.025985	0.033322	0.031352	0.020166
protein_co	THAP_dom	538	392	423	270	395	377	12.89056	12.04439	12.22863	10.04116
processed_	-	14	8	20	8	16	8	0.150772	0.110482	0.259878	0.133725
protein_co	kinetochor	938	795	904	1174	1159	1190	6.305783	6.853504	7.33251	12.24996
protein_co	chemokine	27	30	11	32	36	10	0.651921	0.928885	0.320459	1.199255
protein_co	noncompa	0	2	0	9	20	9	0	0.029599	0	0.161215
protein_co	BPI_fold_c	0	0	0	1	0	0	0	0	0	0.034806
protein_co	WD_repeat	553	472	452	634	813	608	7.385411	8.083527	7.283432	13.14224
protein_co	thioredoxi	145	89	138	47	40	74	2.172221	1.709761	2.494383	1.09286
protein_co	C1q_and_t	0	0	0	1	0	1	0	0	0	0.044733
protein_co	olfactory_r	0	0	0	0	1	0	0	0	0	0
protein_co	forkhead_b	195	125	123	922	1116	1341	2.769934	2.276954	2.108085	20.32808
protein_co	POU_class_	6	10	11	1	2	9	0.068939	0.147341	0.152495	0.017834
protein_co	protein_ty	197	191	171	712	973	537	4.950339	6.154765	5.184572	27.77021
protein_co	forkhead_b	4	1	2	0	1	1	0.090696	0.029076	0.054715	0
protein_co	transmemb	110	78	97	57	59	31	5.002815	4.549102	5.322817	4.023714
protein_co	protein_S_	219	179	186	270	301	226	2.887771	3.026781	2.959236	5.526025
protein_co	gastrin	0	0	1	0	0	0	0	0	0.120373	0
protein_co	NUT_midlin	0	1	1	23	29	30	0	0.014659	0.013792	0.408078
protein_co	HD_domain	42	35	39	77	101	62	1.614246	1.725035	1.808561	4.593479
protein_co	brain_expr	0	0	0	85	90	62	0	0	0	7.193352
protein_co	ZFP1_zinc_	201	161	165	106	98	99	2.899967	2.978738	2.872295	2.373741
protein_co	cell_cycle_	46	50	38	38	39	48	1.30803	1.82322	1.303741	1.677157
protein_co	chromosor	0	0	0	0	1	0	0	0	0	0
protein_co	dual_specif	82	85	86	129	137	90	0.858255	1.140856	1.086048	2.095668
pseudogen	-	20	6	13	15	13	11	0.339906	0.130764	0.266575	0.395686
protein_co	suppressor	671	567	572	381	435	392	11.52921	12.49307	11.85826	10.1609
protein_co	chromosor	0	0	0	0	0	2	0	0	0	0
protein_co	SLIT_and_N	512	425	479	3	2	12	5.559909	5.918287	6.275977	0.050565
protein_co	HCG17851	0	0	0	1	0	0	0	0	0	0.063287
protein_co	piwi-like_R	0	0	0	7	17	7	0	0	0	0.145393
protein_co	lysophosph	80	59	61	5	6	4	1.182971	1.118782	1.088334	0.114758
protein_co	exportin_t	2649	2098	2270	2663	3455	3330	19.36571	19.66827	20.02282	30.21712
protein_co	transmemb	851	644	683	14	3	6	12.46981	12.10112	12.07533	0.318412
protein_co	phosphodi	1169	976	936	30	22	81	12.05773	12.90952	11.64863	0.480289
pseudogen	-	8	12	10	5	7	17	0.461402	0.887525	0.695886	0.4476
protein_co	family_with	10	10	13	5	2	0	0.365757	0.469031	0.573699	0.283853
protein_co	stannin	733	626	636	2077	2837	2187	10.37753	11.36511	10.86414	45.6412
protein_co	potassium_	0	0	0	30	27	14	0	0	0	0.530852
pseudogen	ribosomal_	3	2	7	3	4	2	0.186565	0.159495	0.525237	0.289575
protein_co	NEL-like_2_	4	3	2	1269	1378	1183	0.051927	0.049942	0.031326	25.56965
pseudogen	-	26	23	24	25	35	22	0.432473	0.490594	0.481664	0.64544
pseudogen	zinc_finger_	0	0	0	7	9	4	0	0	0	0.25524
protein_co	KRAB-A_do	35	22	28	17	12	6	0.640574	0.516337	0.618312	0.482926
protein_co	mediator_c	1441	1109	1228	1004	1095	739	9.684465	9.557682	9.957678	10.47311
protein_co	zinc_finger_	100	74	72	386	389	551	1.770771	1.680364	1.538307	10.60914
protein_co	septin_9	11829	9053	9326	9954	11975	9190	124.5592	122.2446	118.4871	162.6881

protein_co	protease_se	0	0	0	0	1	0	0	0	0	0
protein_co	cell_divisio	479	386	334	761	803	863	6.019919	6.220879	5.064653	14.84466
pseudogen	olfactory_r	0	0	0	19	12	11	0	0	0	1.366419
protein_co	RALY_RNA_	2	0	0	22	28	19	0.03472	0	0	0.592801
protein_co	APC_membr	247	221	262	506	566	474	1.371768	1.573929	1.75563	4.361788
protein_co	zinc_finger_	946	753	787	440	477	552	4.933047	5.035335	4.951615	3.561289
protein_co	histone_clu	53	65	60	63	84	133	1.117936	1.758181	1.527004	2.062585
protein_co	chromosom	21	13	18	0	0	0	0.575842	0.457127	0.595532	0
protein_co	claudin_6	2	3	5	10469	12118	13665	0.053928	0.103732	0.162667	438.1436
protein_co	septin_5	1629	1225	1244	471	653	337	18.57132	17.90883	17.11158	8.334375
protein_co	eukaryotic_	311	220	224	275	287	231	3.946629	3.580123	3.429746	5.416629
protein_co	leucine_ric	0	0	0	2	3	5	0	0	0	0.120397
protein_co	renalase_FA	73	56	58	55	50	68	1.011218	0.994762	0.969388	1.182537
protein_co	apolipopro	2	2	2	1	0	5	0.024731	0.031714	0.029839	0.019193
protein_co	family_with	0	0	0	142	170	91	0	0	0	2.748599
protein_co	DEAD_(Asp-	0	0	0	1	1	1	0	0	0	0.034363
protein_co	atlastin_GT	1202	1082	1024	549	699	436	7.899341	9.118492	8.119596	5.600016
protein_co	NADH_dehy	694	594	599	474	557	514	40.02666	43.93247	41.68355	42.4325
protein_co	Putative_in	0	0	0	5	7	0	0	0	0	0.129501
protein_co	ribosomal_	0	0	0	1	1	2	0	0	0	0.037867
protein_co	small_integ	41	26	33	29	29	28	1.253253	1.019149	1.217074	1.375889
protein_co	t-complex-a	21	5	6	21	22	17	1.280482	0.390961	0.441421	1.987485
protein_co	ubiquitin-c	1568	1366	1410	1369	1888	2078	16.94091	18.92565	18.38052	22.9575
protein_co	spermidine	54	30	53	45	71	35	1.138517	0.811103	1.348247	1.472613
protein_co	oxysterol_b	135	127	109	202	293	241	1.45856	1.759559	1.420906	3.387447
pseudogen	unc-93_hor	0	0	0	1	0	1	0	0	0	0.10412
protein_co	chromosom	28	18	28	96	151	134	0.967517	0.797595	1.167365	5.148755
protein_co	tumor_sup	1	0	0	2	0	0	0.013039	0	0	0.040478
protein_co	histone_clu	3	2	2	1	1	3	0.307812	0.26315	0.247595	0.159256
protein_co	zinc_finger_	12	6	9	4	1	2	0.113696	0.072899	0.102885	0.058824
protein_co	apolipopro	169	145	142	226	288	242	7.088026	7.798587	7.185798	14.7122
protein_co	proline_ric	78	93	60	5	1	3	2.002969	3.06247	1.858998	0.199288
protein_co	transmembr	5159	4012	4273	1882	2544	2294	164.2265	163.7751	164.1189	92.98818
pseudogen	-	0	0	0	14	25	12	0	0	0	3.234658
protein_co	dopamine_	5	7	3	7	3	5	0.057832	0.103825	0.041866	0.125668
lincRNA	long_interg	2	0	0	0	0	0	0.128996	0	0	0
protein_co	transmembr	152	105	122	181	240	119	4.922157	4.360241	4.766721	9.097475
protein_co	short_chain	0	0	0	5	2	0	0	0	0	0.129732
protein_co	RNA_bindir	1501	1276	1319	1456	1721	1201	6.934862	7.559919	7.352753	10.44117
protein_co	armadillo_r	2987	2416	2519	1239	1655	1314	50.70981	52.59724	51.59801	32.64814
protein_co	phosphatid	138	81	101	165	167	402	2.773606	2.087661	2.449261	5.147307
protein_co	BTB_(POZ)_	864	672	674	110	158	234	18.45694	18.40876	17.37216	3.647279
protein_co	sex_determ	0	1	1	40	45	46	0	0.07116	0.066953	3.445198
protein_co	H1_histone	1962	1492	1551	3780	5378	3061	61.08779	59.57082	58.26601	182.6744
protein_co	RNA_bindir	105	120	118	55	79	64	1.174488	1.721273	1.592536	0.954888
protein_co	SMT3_supp	2054	1633	1705	1385	1535	1613	53.29944	54.33977	53.38198	55.78308
protein_co	IMP2_inner	64	44	60	103	129	72	1.975616	1.741745	2.234714	4.935036
protein_co	transcriptic	1	2	2	240	287	181	0.042627	0.109327	0.102865	15.87923
pseudogen	-	3	0	0	0	0	0	0.146531	0	0	0
protein_co	chloride_ch	3	10	7	62	82	29	0.054799	0.234242	0.154277	1.757829
protein_co	jagged_2	61	32	47	272	470	153	0.490196	0.329761	0.455707	3.392649
protein_co	formin-like	39	31	18	94	129	93	0.371765	0.378944	0.207026	1.390791
protein_co	NUT_family	62	41	42	23	30	13	0.73155	0.620363	0.597929	0.421222
protein_co	peptidyl-tR	55	54	59	79	96	81	2.543344	3.202178	3.291869	5.670221
protein_co	lipocalin_1	3	0	1	8	16	6	0.077977	0	0.031361	0.322749
protein_co	olfactory_r	0	2	0	1	2	1	0	0.087589	0	0.053008
protein_co	Wilms_tum	1	0	1	0	0	0	0.015019	0	0.018122	0
protein_co	ZFP90_zinc	63	45	50	54	99	41	0.633377	0.580155	0.606513	0.842648
protein_co	family_with	98	124	127	55	72	37	0.445187	0.72235	0.696095	0.387802
protein_co	mucin_6_o	8	5	3	7	18	13	0.046855	0.037553	0.0212	0.063635
pseudogen	-	1	4	1	0	0	0	0.080706	0.413975	0.097376	0
protein_co	nucleolar_c	653	477	487	706	978	931	18.76175	17.5747	16.88252	31.4844
protein_co	ubiquitin_s	96	78	80	132	111	150	2.114346	2.20297	2.1259	4.512416
protein_co	NADH_dehy	1192	898	976	989	1340	1198	44.50072	42.99089	43.96313	57.3083
protein_co	cholinergic	5	4	8	0	0	0	0.077046	0.07904	0.148736	0

protein_co	sortilin-rel	1441	990	1089	91	115	115	10.98318	9.676284	10.01475	1.076554
protein_co	transmemb	347	208	211	73	98	43	10.62065	8.163837	7.792057	3.467967
protein_co	transmemb	240	205	148	13	18	12	3.444629	3.773066	2.562955	0.289604
protein_co	SIVA1_apo	866	598	714	876	1083	1417	9.803659	8.681221	9.752513	15.39235
lincRNA	testis-speci	4	1	0	0	0	0	0.284613	0.091244	0	0
protein_co	BRI3_bindi	489	385	411	644	835	604	3.44904	3.482246	3.497673	7.05027
protein_co	interferon_	68	82	75	0	0	3	2.166115	3.349622	2.882583	0
protein_co	solute_carr	0	0	0	1	0	0	0	0	0	0.032578
protein_co	diacylglyce	1637	1243	1499	580	750	428	38.30287	37.29608	42.3187	21.06401
protein_co	regulatory_	0	0	0	1	3	1	0	0	0	0.021035
protein_co	roundabou	55	32	34	201	206	162	0.269483	0.201061	0.201	1.528604
protein_co	adaptor-rel	1160	920	971	603	660	724	15.05464	15.31121	15.20476	12.14675
protein_co	coagulatio	23	17	15	22	15	10	0.11905	0.112839	0.093678	0.176748
protein_co	carbonic_a	48	30	34	29	51	45	0.589966	0.472842	0.504212	0.553241
protein_co	U-box_dom	236	159	179	193	179	141	2.389558	2.064487	2.186788	3.033147
pseudogen	-	4	2	2	3	2	3	0.052086	0.033396	0.031422	0.060633
protein_co	v-maf_mus	772	557	633	109	118	72	14.53779	13.45072	14.38245	3.185943
protein_co	BRF1_hom	969	668	778	555	668	550	2.48844	2.19983	2.410633	2.212213
protein_co	leucine_ric	3	0	0	1	5	1	0.089428	0	0	0.046268
pseudogen	-	0	0	0	2	0	0	0	0	0	0.098351
protein_co	sema_dom	464	359	368	1496	1670	1058	5.71499	5.670238	5.468817	28.59958
protein_co	maestro_he	0	0	1	2	0	1	0	0	0.010553	0.027152
pseudogen	-	2	2	7	5	10	3	0.106327	0.136349	0.449012	0.412584
protein_co	calcium_ar	517	428	425	151	155	172	19.44037	20.63797	19.28195	8.812951
lincRNA	-	2	0	1	3	7	5	0.05242	0	0.031624	0.122046
protein_co	ankyrin_re	5	7	5	17	25	19	0.060348	0.108342	0.072813	0.31847
protein_co	negative_el	923	728	811	2226	2553	1634	12.9463	13.09437	13.72502	48.46181
protein_co	solute_carr	6	0	0	59	70	92	0.071606	0	0	1.092901
protein_co	sarcoglycar	15	1	6	0	0	0	0.314839	0.026916	0.151949	0
protein_co	EF-hand_ca	6	9	12	16	28	10	0.18151	0.349141	0.438004	0.751275
protein_co	chromosor	2	4	8	3	22	3	0.037185	0.095368	0.179462	0.086574
processed_	-	5	6	5	18	14	14	0.111803	0.172045	0.134896	0.624719
protein_co	general_tra	590	424	456	378	403	298	13.01888	11.99766	12.14044	12.94624
protein_co	fibronectin	3771	2855	3297	205	206	286	22.26139	21.61281	23.4835	1.878366
protein_co	integrator_	613	457	550	507	775	791	8.749948	8.365089	9.472307	11.23268
protein_co	ribosomal_	1440	1147	1086	696	764	597	22.93533	23.42693	20.8699	17.20609
protein_co	mannosida	6	6	7	149	212	115	0.104782	0.134368	0.147497	4.038805
protein_co	adenylosuc	103	60	67	167	196	73	1.857566	1.387611	1.457907	4.674703
protein_co	anoctamin_	6	5	3	30	61	25	0.051274	0.054793	0.030932	0.397921
protein_co	Fas_(TNFRS	655	497	540	666	850	744	7.032966	6.843258	6.995826	11.09946
protein_co	myeloid-as	2	4	2	0	10	1	0.038246	0.098091	0.046146	0
protein_co	family_witl	1987	1404	1501	65	102	55	29.66268	26.8775	27.03592	1.506109
protein_co	necdin-like	523	398	391	363	579	370	14.58863	14.23656	13.15944	15.71628
protein_co	heat_shock	2670	2083	2325	1578	2117	1639	36.27828	36.29393	38.11592	33.2792
protein_co	chromosor	896	615	729	571	691	581	10.13594	8.92155	9.950191	10.02588
protein_co	TBC1_dom	58	47	34	35	44	26	0.802485	0.833904	0.567591	0.751636
protein_co	purine-rich	249	169	180	142	206	215	4.46657	3.887504	3.895788	3.953608
protein_co	histone_clu	0	2	0	3	3	6	0	0.265474	0	0.481985
protein_co	inositol_pc	103	81	80	114	145	96	1.442985	1.455188	1.352268	2.478906
protein_co	neuropepti	0	1	0	1	4	3	0	0.016583	0	0.020072
protein_co	Mix_paired	13	15	11	94	126	212	0.304025	0.449849	0.310389	3.41212
protein_co	major_facil	0	0	0	28	48	17	0	0	0	0.913008
protein_co	leucine_ric	227	166	174	153	201	112	3.366235	3.156719	3.113263	3.521603
pseudogen	-	0	0	0	0	1	0	0	0	0	0
protein_co	DEAD_(Asp	536	451	487	522	674	812	5.327056	5.747889	5.83982	8.052365
protein_co	NODAL_mc	1381	1069	1173	643	667	587	14.87939	14.76993	15.24887	10.75308
lincRNA	long_interg	3	0	0	5	6	0	0.069535	0	0	0.179881
lincRNA	long_interg	4	3	2	2	7	1	0.193961	0.186545	0.117012	0.150527
protein_co	single_imm	278	260	237	701	1016	598	6.982016	8.373726	7.181786	27.32653
protein_co	nuclear_rec	524	397	473	246	384	181	6.337469	6.157217	6.902299	4.61796
protein_co	protease_se	0	0	0	5	2	0	0	0	0	0.337882
protein_co	interferon_	345	293	269	424	407	338	24.54788	26.73449	23.09379	46.82646
antisense	WASH_and	0	0	0	2	0	0	0	0	0	0.138102
protein_co	tumor_nec	966	736	855	228	353	244	9.67238	9.450252	10.32929	3.543411
protein_co	zinc_finger	1152	927	974	817	941	752	5.273582	5.441796	5.379727	5.805047

protein_co	piggyBac_t	97	65	62	75	97	156	1.57983	1.357567	1.218368	1.895966
protein_co	WW_doma	2324	1854	1993	397	351	474	99.42737	101.7159	102.8786	26.36276
protein_co	RAB11B_m	2595	1761	1992	1806	2036	2044	69.49149	60.4732	64.36231	75.06586
protein_co	protein_arg	336	244	241	436	560	555	3.788181	3.527692	3.278359	7.629717
protein_co	glycoprotei	16	11	22	64	84	61	0.299976	0.264465	0.497665	1.862418
protein_co	PRP39_pre	383	307	329	288	287	420	5.120866	5.263715	5.307483	5.976784
protein_co	melanoma_	0	0	0	0	0	1	0	0	0	0
protein_co	peptidylpr	15	21	16	10	17	5	0.174485	0.313254	0.224562	0.18055
protein_co	zinc_finger_	661	497	497	1477	1894	884	7.990281	7.704179	7.248782	27.71224
protein_co	KIAA0825	33	23	23	13	7	43	0.269061	0.240477	0.226263	0.164517
protein_co	UBA-like_d	1351	1030	1014	811	884	605	39.89195	39.00106	36.12567	37.16903
protein_co	cerebral_d	6	5	11	11	12	14	0.188566	0.201507	0.417112	0.53658
protein_co	notum_pec	6	7	6	52	94	17	0.121059	0.181114	0.146064	1.628464
protein_co	kelch-like_f	8	3	2	0	0	1	0.201353	0.096827	0.060736	0
protein_co	RNA_bindi	0	0	0	25	30	18	0	0	0	0.913401
protein_co	Williams-B	167	164	164	2967	3783	2093	2.016126	2.538951	2.388873	55.59672
pseudogen	CD24_mole	1310	976	1001	5636	7180	6142	252.7816	241.509	233.0538	1688.012
protein_co	zinc_finger_	116	59	67	76	90	54	1.850082	1.206686	1.289306	1.881383
protein_co	interleukin	36	29	35	127	205	122	0.989473	1.022136	1.160693	5.417957
protein_co	coiled-coil_	929	624	745	1087	1606	1993	17.65025	15.203	17.0781	32.05496
protein_co	RANBP2-lik	0	1	0	2	4	0	0	0.008675	0	0.021001
protein_co	ADP-ribosy	327	298	282	178	180	169	4.720762	5.516835	4.912036	3.988548
protein_co	chromosor	0	0	1	36	40	27	0	0	0.017451	0.808166
protein_co	cyclin-depe	964	726	891	782	1023	991	13.51734	13.0545	15.07439	17.01968
protein_co	transmemb	4	2	1	0	0	3	0.056545	0.036256	0.017056	0
protein_co	suppressor_	391	280	295	933	1017	437	14.96653	13.74395	13.62431	55.43147
protein_co	transcobal	246	154	190	916	1066	1247	4.550274	3.652855	4.240373	26.29834
protein_co	growth_arr	2728	1952	2004	574	709	762	37.83377	34.71558	33.53366	12.35599
protein_co	ATPase_H+_	953	765	839	580	786	932	7.719155	7.945983	8.19949	7.291809
protein_co	parkinson_	33	36	28	18	9	0	0.370184	0.517864	0.378975	0.313406
protein_co	chromosor	283	199	256	269	426	375	2.990731	2.696829	3.264217	4.412388
protein_co	heparan_su	0	0	0	6	3	11	0	0	0	0.263218
protein_co	hepatocyte	2738	1896	2133	1777	2209	1809	43.22723	38.38589	40.6315	43.54536
protein_co	tumor_nec	621	483	543	294	409	91	7.573134	7.553366	7.989727	5.564957
protein_co	RAD51_hor	116	105	115	68	76	80	2.26258	2.626301	2.706399	2.058663
protein_co	mitogen-ac	681	489	526	77	113	59	13.13538	12.09522	12.24135	2.305243
protein_co	SP140_nuc	60	53	61	33	35	26	0.783459	0.887463	0.961043	0.66882
protein_co	mitochond	0	1	1	2	0	0	0	0.023082	0.021718	0.055877
protein_co	threonyl-tR	208	197	199	173	191	224	2.701696	3.281321	3.118705	3.487785
protein_co	SET_and_M	350	297	289	230	230	195	8.809182	9.58591	8.77634	8.985161
protein_co	methyltran	95	58	79	417	466	906	1.092873	0.855625	1.096532	7.445824
lincRNA	long_interg	0	0	0	0	0	1	0	0	0	0
protein_co	interferon_	4	7	3	170	205	138	0.041231	0.092528	0.037311	2.719843
protein_co	SH3_doma	19	22	16	65	73	70	0.712159	1.057438	0.723588	3.781524
protein_co	family_witl	66	45	61	226	292	435	1.108432	0.969141	1.236069	5.891202
protein_co	family_witl	0	0	0	1	3	0	0	0	0	0.02822
protein_co	chromosor	256	175	203	222	405	174	5.271781	4.621306	5.043842	7.095791
protein_co	karyopheri	0	0	2	0	1	0	0	0	0.065595	0
protein_co	transmemb	84	62	56	44	53	61	3.850207	3.64423	3.096997	3.130314
protein_co	GPRIN_fam	376	252	291	54	33	21	2.775606	2.385502	2.591856	0.61872
protein_co	PARP1_bin	160	132	158	200	196	288	2.352588	2.48891	2.803051	4.564428
protein_co	SH3_and_c	26	35	41	43	69	31	0.736196	1.270859	1.400722	1.889814
protein_co	receptor_t	170	151	165	1405	1719	1732	1.366821	1.556859	1.600644	17.53354
pseudogen	succinate_	401	359	309	145	189	208	7.548333	8.665836	7.017997	4.23648
processed_	-	1	0	3	0	0	2	0.024928	0	0.090232	0
protein_co	mucin_1_c	17	22	20	25	23	16	0.44016	0.730456	0.624799	1.004691
protein_co	chromosor	2263	1607	1750	1065	1343	1440	27.7635	25.2822	25.90454	20.28009
protein_co	interferon_	300	228	257	321	362	253	6.858608	6.684346	7.089178	11.3907
protein_co	l(3)mbt-like	145	136	155	254	319	128	1.573126	1.892099	2.028969	4.277203
protein_co	BRCA1/BRC	290	230	267	221	231	330	4.777971	4.8594	5.307681	5.651559
protein_co	synaptic_ve	1	2	1	15	22	7	0.004157	0.010662	0.005016	0.09679
protein_co	family_witl	11	6	6	27	35	11	0.304301	0.212849	0.200267	1.159324
protein_co	chromosor	20	8	8	74	143	36	0.45	0.230825	0.21718	2.584312
protein_co	chromosor	2	1	1	1	0	0	0.185336	0.118834	0.111809	0.143834
protein_co	phosphodi	0	4	0	98	123	83	0	0.159813	0	4.73915

protein_co	protein_kir	765	554	578	284	241	300	5.177665	4.808301	4.72007	2.983468
protein_co	nuclear_rec	8108	6063	6459	1	1	12	72.07285	69.11222	69.27416	0.013797
protein_co	nuclear_RN	0	0	0	3	0	0	0	0	0	0.05515
protein_co	delta-like_1	54	29	39	51	50	64	1.489448	1.025744	1.297909	2.183394
protein_co	TLC_domai	70	63	67	13	13	5	3.31211	3.82258	3.824984	0.95473
protein_co	limbic_syst	134	142	138	21	20	27	3.61107	4.907144	4.487023	0.878377
protein_co	AHNAK_nu	4674	4208	4500	289	392	107	11.95331	13.80017	13.88545	1.14717
protein_co	olfactomed	2667	2011	2043	268	328	207	19.46392	18.82039	17.98969	3.035796
protein_co	Sp1_transc	2035	1608	1750	1977	2137	1803	12.55046	12.71718	13.02211	18.92485
protein_co	spermatog	0	0	0	1	0	1	0	0	0	0.052511
pseudogen	WAS_prote	557	410	470	380	505	346	15.17591	14.32494	15.4506	16.06992
pseudogen	actin_beta_	6	3	1	4	3	1	0.250303	0.160489	0.050334	0.259003
protein_co	mitochond	299	248	224	238	298	245	10.10823	10.7514	9.136924	12.48853
protein_co	developing	0	0	0	3	6	3	0	0	0	0.077812
protein_co	family_witl	629	464	481	16	39	27	28.35944	26.82714	26.16617	1.119689
protein_co	protein_dis	1	2	0	13	11	6	0.023972	0.061482	0	0.48371
protein_co	polycomb_	1850	1438	1475	843	1221	896	15.25884	15.20961	14.67878	10.79215
protein_co	leishmanol	207	168	162	79	80	69	1.378139	1.434304	1.301325	0.816357
protein_co	prolyl_4-hy	18074	13491	14167	4829	5474	4999	325.5821	311.6447	307.9159	135.0187
protein_co	proteasom	2020	1592	1513	1499	1692	1710	43.05356	43.51211	38.90852	49.58951
protein_co	pre-B-cell_l	701	516	569	2305	3014	2350	2.903445	2.740657	2.843518	14.81825
pseudogen	-	0	0	2	1	1	0	0	0	0.272653	0.175373
protein_co	NADH_deh	73	51	45	21	19	7	2.852476	2.555516	2.121581	1.273647
protein_co	SHC_(Src_h	119	99	110	6	6	5	1.224202	1.306022	1.365359	0.095805
pseudogen	ferritin_hea	0	0	0	1	0	0	0	0	0	0.132087
protein_co	keratin_79	13	16	12	0	0	0	0.294763	0.465221	0.328291	0
pseudogen	-	31	22	28	50	61	63	3.876241	3.527615	4.224304	9.703973
protein_co	ZFP36_ring	5104	3754	4063	2366	3030	2059	75.02403	70.76089	72.05839	53.98025
protein_co	ubiquitin-c	2837	2177	2295	1978	2168	2489	38.54737	37.93178	37.6241	41.71499
protein_co	neurotroph	32	20	29	16	16	9	1.285759	1.030502	1.405904	0.997838
protein_co	bromodom	905	818	855	945	708	723	3.282192	3.804329	3.741361	5.319585
protein_co	premelano	9	7	7	1266	1414	722	0.153069	0.152669	0.143645	33.4201
protein_co	synapsin_II	2	2	3	49	75	41	0.03	0.038471	0.054295	1.140822
protein_co	POU_class_	8	5	8	432	551	170	0.128115	0.102681	0.154578	10.738
protein_co	snail_homo	81	60	67	165	172	43	2.192893	2.083018	2.188544	6.933411
protein_co	zinc_finger_	127	131	107	944	1016	1053	1.999675	2.645065	2.032767	23.07056
protein_co	lysozyme_C	5	1	2	6	5	3	0.267027	0.068485	0.128874	0.497356
protein_co	EP400_N-te	400	327	351	188	253	189	4.766457	4.996809	5.046506	3.477154
protein_co	preferentia	0	0	0	6	9	3	0	0	0	0.154249
protein_co	chromosor	6	4	7	4	6	5	0.112716	0.096362	0.158665	0.116634
protein_co	v-myb_mye	336	269	236	50	68	40	3.034485	3.115353	2.571614	0.700884
pseudogen	-	1	1	0	7	3	0	0.011351	0.014556	0	0.123326
protein_co	chromosor	188	157	148	108	147	104	2.021863	2.165224	1.920453	1.802802
protein_co	developme	1116	867	944	1058	1149	1157	29.97094	29.85827	30.58836	44.10139
protein_co	ankyrin_rep	1898	1524	1577	884	1099	1196	11.99747	12.35344	12.02744	8.673139
protein_co	YTH_domai	1813	1541	1482	1179	1443	1612	16.46873	17.95041	16.24272	16.6229
protein_co	zinc_finger_	250	215	189	273	408	370	4.194098	4.625369	3.825678	7.108725
protein_co	adenosine_	33	18	24	48	69	27	0.42911	0.300149	0.376542	0.968783
protein_co	neuregulin_	0	0	0	121	131	115	0	0	0	2.494718
protein_co	sarcalumer	1	0	1	2	2	2	0.008393	0	0.010126	0.026053
protein_co	chromosor	248	198	220	8	9	10	1.97633	2.023402	2.115332	0.098953
protein_co	interferon-i	29	27	49	24	22	16	0.491084	0.586314	1.001156	0.630811
protein_co	chromosor	219	157	165	118	198	139	3.689872	3.392159	3.354279	3.085884
protein_co	claudin_24	1	2	0	2	1	1	0.070724	0.181387	0	0.219547
protein_co	potassium_	116	116	118	26	38	21	0.813284	1.042921	0.998192	0.282936
protein_co	ADAMTS-lik	17	14	16	11	13	5	0.279597	0.295271	0.317505	0.280806
protein_co	Kv_channel	20	23	24	11	17	22	0.377993	0.557431	0.547284	0.322684
protein_co	SPATA31_s	0	0	0	0	0	1	0	0	0	0
protein_co	mortality_f	7436	5987	6235	5892	6394	7357	147.8059	152.6058	149.533	181.7798
protein_co	NLR_family	1	2	0	0	0	0	0.013459	0.034518	0	0
protein_co	WD_repeat	143	110	117	171	233	163	4.01273	3.958275	3.961301	7.447843
protein_co	dystrophia_	1746	1233	1411	451	707	574	24.77155	22.43269	24.15372	9.931525
protein_co	solute_carr	1603	1151	1203	928	1168	933	35.00917	32.2354	31.7002	31.45769
protein_co	phosphatid	126	82	117	61	84	53	1.718982	1.434578	1.925905	1.291699
protein_co	IKAROS_fan	2	4	4	31	33	16	0.015153	0.038862	0.036565	0.364546

protein_co	phosphate_	2218	1620	1809	399	557	703	20.20635	18.92564	19.88442	5.641955
protein_co	N-acetyltra	13	7	4	1495	2290	1151	0.103845	0.071705	0.038552	18.53591
protein_co	nuclear_po	0	0	0	4	11	21	0	0	0	0.03615
protein_co	B-cell_rece	2538	1959	2009	2033	2208	2305	65.74965	65.07971	62.79568	81.74659
protein_co	ADP-ribosy	50	43	46	33	44	37	0.594297	0.655407	0.659689	0.608804
pseudogen	ribosomal_	62	38	49	77	72	60	5.495616	4.319343	5.240453	10.59366
antisense	CECR5_anti	8	3	7	5	8	3	0.608961	0.29284	0.642903	0.590745
protein_co	guanine_nu	317	204	240	334	488	190	2.216543	1.82918	2.024772	3.624881
pseudogen	-	4	8	6	11	14	11	0.271826	0.697157	0.491961	1.160258
protein_co	dynein_axo	129	87	113	165	229	157	0.438701	0.379409	0.463666	0.870951
lincRNA	-	0	0	0	118	126	94	0	0	0	12.18158
protein_co	ecotropic_	8	3	7	3	4	1	0.187654	0.09024	0.198113	0.109224
protein_co	transmemb	0	0	0	0	0	2	0	0	0	0
protein_co	Nuclear_po	92	119	104	70	104	112	1.133145	1.87955	1.545535	1.338215
protein_co	zinc_finger_	13	14	18	86	95	89	0.122477	0.169141	0.204613	1.257598
protein_co	threonine_	129	87	107	181	170	106	1.596835	1.381017	1.598094	3.477599
protein_co	tripartite_r	326	264	240	167	201	78	2.686021	2.789363	2.385894	2.135693
protein_co	ATPase_H+_	24	8	17	11	23	10	0.957754	0.409394	0.818539	0.681343
protein_co	interferon_	46	30	34	2203	3218	1539	2.522738	2.109817	2.249786	187.525
protein_co	protease_se	1	0	0	0	0	0	0.037009	0	0	0
protein_co	lysosomal-a	6126	4799	5030	2599	3226	3353	54.79745	55.04824	54.28745	36.08445
protein_co	taste_recep	0	0	0	0	0	3	0	0	0	0
protein_co	Probable_i	250	192	187	256	276	228	6.285525	6.190306	5.672718	9.99015
pseudogen	olfactory_r	0	0	2	2	0	2	0	0	0.132651	0.170644
protein_co	chromosor	3	0	0	74	139	61	0.054418	0	0	2.083445
protein_co	kelch_dom	347	230	251	258	357	232	8.314173	7.066864	7.256235	9.594884
protein_co	kelch-like_f	1	2	2	51	105	20	0.016511	0.042345	0.039842	1.306961
protein_co	SET_domai	234	191	201	586	835	854	2.568414	2.688387	2.661909	9.983372
protein_co	patched_1	970	757	839	839	947	1296	4.278367	4.281653	4.464947	5.743792
protein_co	reticulon_4	37	33	29	14	28	8	0.944951	1.080764	0.893622	0.554966
protein_co	olfactory_r	1	0	0	0	0	0	0.050419	0	0	0
protein_co	PAXIP1_ass	479	376	395	422	774	610	11.16873	11.24257	11.11254	15.27254
protein_co	calcium_ho	1	0	0	5	0	0	0.015359	0	0	0.119194
protein_co	keratin_ass	0	0	0	1	1	0	0	0	0	0.064521
protein_co	Na+/K+_tra	3	5	5	5	9	13	0.07076	0.151232	0.142293	0.183048
protein_co	nuclear_RN	0	0	0	0	1	0	0	0	0	0
protein_co	RNA-bindir	147	112	156	158	191	132	1.884317	1.841044	2.412733	3.143578
protein_co	zinc_finger_	34	12	16	25	26	41	0.482087	0.218191	0.273725	0.550195
protein_co	insulin_rec	2105	1414	1644	1667	2079	854	14.10251	12.14795	13.28906	17.33447
protein_co	chromosor	4	2	2	0	1	0	0.186813	0.11978	0.1127	0
protein_co	family_with	1	0	0	0	0	0	0.005718	0	0	0
protein_co	short_statu	99	77	105	0	0	0	1.23559	1.232365	1.581163	0
protein_co	late_cornif	0	0	0	0	0	1	0	0	0	0
protein_co	bicaudal_D	1770	1401	1592	1114	1430	958	12.91354	13.10749	14.01404	12.61501
protein_co	calicin	32	14	26	4	3	9	0.773045	0.433703	0.757838	0.149984
protein_co	trimethylly	169	157	163	120	129	87	2.798168	3.333467	3.256288	3.08389
protein_co	G_protein-	0	0	0	1	0	0	0	0	0	0.034641
protein_co	SLIT_and_N	0	0	0	2	5	7	0	0	0	0.018973
pseudogen	succinate_(	26	23	29	91	109	182	1.188246	1.347939	1.599113	6.455129
protein_co	polo-like_k	9	0	3	5	13	9	0.200385	0	0.080592	0.172792
protein_co	RAS_p21_p	3074	2405	2677	507	685	540	34.39273	34.50541	36.13759	8.804428
protein_co	coagulatio	8	3	5	9	15	8	0.220529	0.106049	0.166301	0.385078
protein_co	leucine-rich	948	765	733	632	831	701	6.011866	6.221165	5.608581	6.220832
protein_co	LEM_doma	6	1	1	31	39	12	0.302842	0.064725	0.060899	2.428605
pseudogen	ribosomal_	0	0	0	0	0	2	0	0	0	0
protein_co	ATPase_H+/	19	13	15	0	2	1	0.59873	0.525328	0.570318	0
protein_co	NADH_deh	3	2	8	15	20	24	0.120643	0.103139	0.388168	0.936275
protein_co	zinc_finger_	103	89	107	108	136	206	0.919412	1.018761	1.152404	1.496329
antisense	-	1	5	2	0	8	12	0.014658	0.093982	0.035371	0
protein_co	zinc_finger_	175	158	149	149	196	203	1.566581	1.813766	1.609345	2.070292
protein_co	zinc_finger_	36	22	24	16	17	15	0.387966	0.304035	0.312069	0.267634
protein_co	5-hydroxyt	0	0	0	1	0	0	0	0	0	0.034025
protein_co	deleted_in_	5	4	0	49	68	68	0.102335	0.104984	0	1.556617
protein_co	T-cell_acut	0	0	2	3	1	1	0	0	0.179605	0.34657
antisense	MATN1_ant	27	12	12	3	3	1	0.322556	0.183836	0.17297	0.055628

protein_co	axin_intera	1334	1210	1203	894	1104	1044	15.44476	17.9647	16.80502	16.06547
protein_co	chromosor	84	50	60	132	171	124	0.674099	0.514546	0.580957	1.644178
protein_co	CD300_mo	0	3	0	0	0	0	0	0.098844	0	0
pseudogen	-	43	37	47	105	109	121	2.635648	2.908239	3.475881	9.989384
pseudogen	-	0	0	1	0	0	0	0	0	0.04526	0
protein_co	gamma-sec	11	13	16	20	23	17	0.149159	0.226052	0.261772	0.420936
protein_co	ATP/GTP_b	4	1	0	9	1	7	0.047628	0.015269	0	0.166333
protein_co	arginine-fif	0	0	0	1	2	2	0	0	0	0.073367
protein_co	cytochrom	196	141	169	210	226	107	3.952879	3.646581	4.11237	6.573659
protein_co	leucine_ric	0	1	1	2	5	0	0	0.026736	0.025156	0.064722
protein_co	ankyrin_rep	116	89	100	332	330	289	1.663377	1.63656	1.730138	7.389264
protein_co	phosphatid	4786	3503	3678	1174	1728	1091	44.1763	41.46352	40.96156	16.81958
protein_co	cytochrom	1	0	0	2	3	4	0.019489	0	0	0.060499
protein_co	testis_expr	3	4	4	1	0	0	0.140249	0.2398	0.225625	0.072562
protein_co	zinc_finger	243	198	196	197	187	243	2.77503	2.899586	2.700633	3.491871
protein_co	chromosor	108	84	77	30	40	33	4.403584	4.392089	3.788099	1.898604
protein_co	taste_recep	2	5	1	0	1	1	0.099238	0.318147	0.059868	0
protein_co	polymerase	507	411	460	303	377	546	12.84346	13.35135	14.05982	11.91371
protein_co	chromosor	1	0	0	2	0	0	0.023433	0	0	0.072743
protein_co	WW_doma	99	103	89	69	130	92	1.870311	2.495314	2.028695	2.02329
protein_co	cytochrom	0	0	0	1	1	0	0	0	0	0.038185
pseudogen	cell_death-	116	103	114	69	67	77	3.048902	3.471619	3.615251	2.814914
protein_co	coiled-coil_	168	166	185	220	312	311	4.42309	5.604462	5.876737	8.990206
protein_co	B-cell_CLL/	2606	1950	2082	1797	2588	2248	12.21343	11.71945	11.77313	13.07199
protein_co	polymerase	847	722	725	1620	1760	1348	20.41946	22.32067	21.08856	60.61865
protein_co	kinesin_fan	1031	805	961	1195	1517	1468	11.46398	11.47842	12.89283	20.62411
protein_co	zinc_and_ri	719	551	563	766	1081	665	6.324127	6.214879	5.974866	10.45757
protein_co	free_fatty_a	0	0	0	0	0	2	0	0	0	0
protein_co	suppressor_	680	513	535	1730	2469	1591	8.296959	8.026694	7.876111	32.76322
protein_co	EDAR-assoc	125	91	97	44	64	31	1.892558	1.76681	1.771981	1.034004
protein_co	solute_carr	7	2	2	1	9	2	0.349181	0.127936	0.120373	0.077425
protein_co	mitochond	57	19	43	457	530	570	0.987341	0.422041	0.898687	12.2868
protein_co	sosondowa	12	14	18	49	46	18	0.192633	0.288195	0.348634	1.220887
protein_co	biogenesis_	639	439	469	378	649	404	19.3808	17.07437	17.16294	17.7948
protein_co	zinc_finger_	45	50	36	122	187	150	0.815636	1.162153	0.78729	3.432213
protein_co	kelch-like_f	0	1	0	2	3	3	0	0.01626	0	0.039362
pseudogen	family_witl	0	0	0	0	4	0	0	0	0	0
protein_co	Protein_LO	26	16	23	38	49	12	0.645731	0.509575	0.689214	1.464848
protein_co	MKL/myoc	706	507	582	320	363	229	3.762286	3.46469	3.742123	2.646839
protein_co	B_and_T_ly	0	0	0	2	6	2	0	0	0	0.045303
protein_co	zinc_finger_	34	28	34	26	46	84	0.579731	0.612231	0.699479	0.6881
protein_co	neuroblast	175	112	127	68	95	100	0.658832	0.54071	0.576884	0.397353
protein_co	lysine_(K)-s	55	56	41	79	83	31	0.866001	1.130715	0.778911	1.930693
protein_co	glycerol-3-p	2	3	2	18	11	3	0.02128	0.040932	0.025675	0.297263
protein_co	torsin_fam	681	518	558	432	638	571	11.7225	11.43437	11.58926	11.54217
protein_co	poly(A)_bin	0	0	0	2	3	1	0	0	0	0.065069
protein_co	gamma-am	31	9	28	425	558	445	0.447121	0.166462	0.48727	9.514431
protein_co	protein_ph	2223	1862	1924	5517	6115	4795	37.26725	40.0292	38.91715	143.556
protein_co	zinc_finger_	103	81	74	97	114	54	0.564412	0.569185	0.489259	0.825014
pseudogen	macrophag	21	12	16	85	144	39	0.415832	0.304712	0.382267	2.612451
protein_co	nucleosom	215	170	172	259	392	488	3.820142	3.873462	3.687377	7.142845
pseudogen	carbonic_a	286	176	214	190	209	246	10.60961	8.372503	9.578448	10.94
protein_co	PRELI_dom	118	89	83	58	82	61	2.585524	2.500725	2.194284	1.972537
protein_co	beta-site_A	987	792	798	200	275	123	4.663487	4.79875	4.5493	1.466743
pseudogen	-	2	0	3	1	3	0	0.052804	0	0.095567	0.04098
protein_co	regulator_c	1	2	1	3	2	0	0.016202	0.041555	0.019549	0.075446
pseudogen	-	0	0	0	4	0	2	0	0	0	0.887559
protein_co	solute_carr	1	0	0	0	1	1	0.013179	0	0	0
protein_co	solute_carr	1	0	0	2	2	2	0.013707	0	0	0.042549
protein_co	thrombosp	11443	9096	9964	731	870	1373	92.33565	94.1216	97.00883	9.155401
protein_co	retinoid_X_	1721	1181	1323	1332	1954	1442	13.98574	12.30733	12.97217	16.80116
protein_co	ankyrin_rep	11	12	22	19	18	11	0.357195	0.499694	0.861954	0.957629
protein_co	chromosor	65	36	58	12	10	5	0.630112	0.447524	0.678391	0.180558
protein_co	nudix_(nuc	44	40	33	48	59	42	0.88094	1.026982	0.797178	1.491644
protein_co	KIAA1024-l	0	0	0	0	0	7	0	0	0	0

lincRNA	long_interg	0	0	0	0	0	1	0	0	0	0
protein_co	zinc_finger_	282	207	251	116	107	138	2.364625	2.225835	2.539423	1.509738
protein_co	cytochrom	0	0	0	10	21	27	0	0	0	0.308782
protein_co	keratin_10	1012	708	823	226	416	441	22.34119	20.04327	21.92168	7.74399
protein_co	golgin_A8_	11	11	13	3	7	0	0.168449	0.216012	0.240196	0.071306
protein_co	CD300e_m	5	6	10	0	0	0	0.066967	0.10305	0.161598	0
protein_co	coiled-coil_	11	12	10	9	27	12	0.075552	0.105692	0.08287	0.095945
protein_co	NFKB_repre	241	181	206	277	349	319	3.020715	2.909247	3.115358	5.388935
protein_co	gliomedin	3	2	0	10	12	6	0.028298	0.024192	0	0.146409
protein_co	karyopheri	2309	1886	1933	973	1211	1519	12.05534	12.62719	12.17687	7.884951
protein_co	triadin	0	0	0	154	147	109	0	0	0	2.361586
protein_co	keratin_3	0	0	2	0	0	1	0	0	0.048793	0
protein_co	zinc_finger_	65	57	51	138	167	139	0.983495	1.105969	0.931059	3.24092
protein_co	zinc_finger_	404	317	353	256	301	306	4.406505	4.433856	4.645535	4.333945
protein_co	spermatoge	9	8	17	8	6	18	0.17489	0.199353	0.398584	0.241292
protein_co	transmemb	0	0	0	1	2	1	0	0	0	0.021816
protein_co	family_witl	1	1	3	0	0	0	0.026432	0.033895	0.095674	0
protein_co	nucleosom	2	0	0	240	337	249	0.036776	0	0	6.849864
pseudogen	aquaporin_	16	17	13	1	1	0	0.545629	0.743423	0.534896	0.052931
protein_co	ribosomal_	1168	953	983	606	694	812	15.93469	16.67259	16.18089	12.83228
protein_co	guanine_nu	635	494	480	62	56	104	7.984758	7.965706	7.282446	1.210069
protein_co	butyrophili	658	596	573	55	63	33	10.22659	11.87847	10.74503	1.326778
protein_co	A_kinase_(I	1	1	3	4	0	2	0.047994	0.061545	0.173722	0.297973
protein_co	piccolo_pr	71	58	60	42	46	77	0.19419	0.203426	0.198001	0.178299
protein_co	kallikrein-r	0	0	0	1	1	0	0	0	0	0.062205
protein_co	regulator_c	0	3	0	68	68	82	0	0.043363	0	1.18967
protein_co	insulin_ind	6269	5237	5252	845	820	2025	97.65898	104.6179	98.7158	20.43154
pseudogen	ankyrin_rep	0	0	3	6	17	12	0	0	0.049773	0.128058
protein_co	myelin_tra	1	0	0	1	2	6	0.006639	0	0	0.010304
protein_co	chromoson	15	11	10	155	233	211	0.488099	0.459006	0.392613	7.8285
protein_co	zinc_finger_	6	8	6	11	12	4	0.100911	0.172539	0.121755	0.287151
protein_co	transmemb	706	500	592	440	462	657	11.5709	10.50853	11.70664	11.19298
protein_co	chloride_cl	2	3	0	11	34	13	0.030647	0.058951	0	0.261627
protein_co	Rho_GTPas	23	11	11	21	21	21	0.222045	0.13618	0.128131	0.314675
protein_co	septin_10	1682	1384	1414	1155	1171	1174	25.51569	26.92321	25.88087	27.1953
protein_co	family_witl	2	4	4	24	30	21	0.039173	0.100467	0.094529	0.729622
protein_co	cytochrom	0	0	0	0	3	0	0	0	0	0
processed_	XK_Kell_blo	192	206	182	184	238	79	1.839576	2.531005	2.103952	2.736306
protein_co	SET_and_M	352	265	282	374	495	430	3.764892	3.634671	3.639209	6.208861
pseudogen	ciliary_root	0	0	0	5	5	0	0	0	0	0.438433
protein_co	forkhead_b	59	44	58	3	3	4	0.591767	0.565927	0.701899	0.046704
protein_co	G_patch_d	1818	1475	1566	1553	1662	1553	10.51252	10.93741	10.92579	13.93847
protein_co	carcinoemb	101	83	104	73	102	39	1.44475	1.522506	1.794952	1.620783
protein_co	neurofibro	3170	2505	2744	1155	1420	1037	24.67076	25.00002	25.7665	13.95198
protein_co	chromoson	507	353	345	155	189	68	15.98738	14.27426	13.12613	7.586328
protein_co	spermatoge	1	1	0	16	32	4	0.023997	0.030773	0	0.595945
protein_co	ubiquitin-c	3451	2776	2922	2375	3204	2128	31.41476	32.40542	32.0935	33.55698
lincRNA	MIR22_hos	512	351	410	6	7	80	9.142303	8.037151	8.83319	0.16629
protein_co	4-hydroxyp	71	45	53	415	557	521	1.846473	1.500744	1.663063	16.75187
antisense	KTN1_antis	46	34	27	64	106	49	0.987158	0.935658	0.699102	2.131765
protein_co	katanin_p6	258	203	215	307	316	249	6.387341	6.444746	6.422246	11.79694
protein_co	fibronectin	22	16	13	10	14	29	0.160732	0.149903	0.114597	0.1134
protein_co	ArfGAP_wit	1919	1416	1481	1629	2101	1306	15.6029	14.76397	14.52893	20.55805
protein_co	kinesin_fan	254	209	226	120	145	165	1.912956	2.018491	2.053656	1.402759
protein_co	phosphodi	8	8	7	81	126	88	0.086934	0.111481	0.091779	1.366203
pseudogen	speedy_ho	2	6	3	5	6	2	0.032517	0.125097	0.058851	0.126179
protein_co	leucine_ric	0	5	3	173	219	128	0	0.065401	0.036921	2.73894
protein_co	proteoglyc	0	0	1	0	1	0	0	0	0.03973	0
protein_co	proline_ric	627	381	442	232	286	166	12.90041	10.05241	10.97252	7.408914
protein_co	ZFP91_zinc	1212	937	939	424	570	585	10.88711	10.79341	10.17709	5.911616
protein_co	chromoson	211	192	148	460	657	347	5.981737	6.980001	5.062379	20.24106
protein_co	BCDIN3_dc	18	9	13	17	15	11	0.561931	0.360298	0.489668	0.823739
protein_co	melanoma_	0	0	0	2	4	4	0	0	0	0.064493
protein_co	cytochrom	519	463	492	107	179	135	5.529634	6.325857	6.324733	1.76947
protein_co	LYR_motif_	316	228	265	231	292	229	2.333057	2.158651	2.360653	2.647163

pseudogen	deltex_hon	17	6	12	8	33	17	0.482524	0.218389	0.41096	0.352445
protein_co	coiled-coil_	3	1	1	8	7	13	0.092913	0.039716	0.037368	0.38457
protein_co	coiled-coil_	0	0	1	0	0	0	0	0	0.012914	0
pseudogen	macrophag	4	4	2	70	101	10	0.042851	0.054951	0.025851	1.163945
protein_co	breakpoint	2946	2186	2409	4373	5735	4448	19.50551	18.56026	19.24462	44.94014
protein_co	metallopho	0	0	0	10	14	5	0	0	0	0.26669
pseudogen	triosephosp	0	0	1	2	0	0	0	0	0.076453	0.196702
protein_co	fascin_hom	19	13	25	8	12	9	0.535081	0.469482	0.849482	0.349693
protein_co	forkhead_b	0	0	0	34	65	43	0	0	0	0.769199
protein_co	spindlin_fa	335	290	279	210	312	396	3.815437	4.235521	3.833997	3.712353
protein_co	zinc_finger_	72	84	56	310	352	319	1.539481	2.303193	1.444701	10.28807
protein_co	spindlin_fa	85	60	58	45	94	56	3.168244	2.867876	2.60841	2.603411
protein_co	forkhead_b	1	0	0	0	0	1	0.023682	0	0	0
protein_co	hyaluronog	90	48	78	18	30	22	2.17307	1.486215	2.272343	0.674581
protein_co	V-set_and_i	3	4	1	229	291	123	0.04141	0.070803	0.016655	4.906263
protein_co	zinc_finger_	312	280	244	634	781	464	5.547852	6.384658	5.234897	17.49806
protein_co	zinc_finger_	278	275	219	169	196	92	3.015365	3.825051	2.866073	2.845197
protein_co	two_pore_s	753	543	606	551	708	526	6.605834	6.108602	6.41436	7.502651
protein_co	leukocyte_i	0	0	1	0	3	1	0	0	0.014137	0
protein_co	chromosom	0	0	2	0	0	0	0	0	0.085397	0
protein_co	tumor_nec	2	3	1	3	2	1	0.054939	0.105676	0.033143	0.127908
pseudogen	keratin_17_	0	0	0	0	1	0	0	0	0	0
protein_co	hexamethy	832	575	663	545	829	753	8.153081	7.225629	7.838988	8.289444
protein_co	Selenoprot	1	1	0	139	180	69	0.027518	0.035287	0	5.93685
lincRNA	long_interg	5	1	3	12	12	3	0.131862	0.033819	0.095459	0.491202
protein_co	keratin_14	0	0	0	0	1	0	0	0	0	0
protein_co	TraB_doma	38	32	19	276	289	278	0.457464	0.494006	0.275978	5.157182
protein_co	PDZ_domai	27	23	27	47	72	26	0.294015	0.321176	0.354747	0.794392
protein_co	protein_O-f	2276	1825	1853	623	855	640	22.11848	22.74339	21.72734	9.397268
protein_co	pyroglutam	29	18	14	0	6	4	0.796142	0.633686	0.463734	0
protein_co	microtubul	75	43	52	123	140	66	0.515955	0.37934	0.431621	1.313368
protein_co	excision_re	233	211	185	398	365	442	2.516787	2.922688	2.411073	6.672739
protein_co	olfactory_r	0	0	0	1	0	0	0	0	0	0.066587
protein_co	transmemb	29	34	40	15	24	24	0.552768	0.831062	0.919927	0.443779
protein_co	tumor_nec	0	1	2	9	8	4	0	0.051001	0.095972	0.555571
protein_co	fibroblast_g	0	0	1	1	3	0	0	0	0.063425	0.081592
protein_co	complemer	37	13	22	6	14	6	0.84016	0.378541	0.602741	0.211467
protein_co	reticulon_4	104	102	113	142	214	91	2.2136	2.78404	2.901966	4.691208
protein_co	zinc_finger_	855	641	737	349	352	420	7.623306	7.328998	7.928532	4.829844
protein_co	serpin_pep	0	0	0	4	2	9	0	0	0	0.197235
protein_co	pyrimidine	7	4	2	2	3	2	0.200262	0.146748	0.069037	0.08881
protein_co	zinc_finger_	257	202	222	502	557	368	2.506392	2.526252	2.612263	7.598889
protein_co	zinc_activa	4	5	2	3	3	4	0.070751	0.11341	0.042682	0.082361
pseudogen	coiled-coil-	0	0	0	1	2	1	0	0	0	0.159605
protein_co	peroxisome	386	299	315	169	208	62	1.801308	1.789292	1.773615	1.224103
protein_co	transmemb	3	1	4	3	6	8	0.033358	0.014259	0.053664	0.051776
protein_co	chromosom	0	1	1	1	0	1	0	0.038178	0.035921	0.046209
protein_co	keratin_ass	0	0	0	1	2	4	0	0	0	0.112837
protein_co	family_witl	0	2	0	8	13	5	0	0.226905	0	1.098563
protein_co	EF-hand_ca	7	11	10	4	7	6	0.064107	0.129185	0.110499	0.056859
protein_co	KN_motif_a	29	27	26	223	304	54	0.487912	0.582528	0.527794	5.823429
protein_co	EMI_domai	27	24	21	146	195	81	0.582619	0.664112	0.546749	4.889945
protein_co	actin-like_7	0	0	1	0	0	1	0	0	0.03948	0
processed_	polycystic_	14	4	10	10	21	4	0.126364	0.046298	0.108904	0.140096
protein_co	Rh_blood_g	12	8	18	22	14	5	0.192041	0.164177	0.347563	0.546469
protein_co	chromosom	34	23	30	0	0	0	1.042	0.903912	1.109324	0
protein_co	espin	2	1	4	474	641	251	0.026559	0.017029	0.06409	9.769931
protein_co	pancreatic_	0	0	0	6	10	0	0	0	0	0.127871
protein_co	G_protein-r	0	0	1	1	2	2	0	0	0.044548	0.057307
protein_co	transmemb	7	13	10	11	13	1	0.100684	0.239781	0.173544	0.245576
protein_co	cytochrom	0	0	0	0	1	0	0	0	0	0
protein_co	transmemb	183	159	134	182	197	226	4.389193	4.890352	3.87781	6.775409
protein_co	ribosomal_	933	771	771	702	994	1019	15.61885	16.55126	15.57291	18.24042
protein_co	transmemb	0	0	1	0	0	0	0	0	0.017424	0
pseudogen	-	20	4	13	1	1	1	1.568228	0.402206	1.229902	0.121705

protein_co	uncharacte	3	7	9	3	1	6	0.034069	0.10194	0.123318	0.052879
protein_co	chromosor	219	164	162	30	50	43	1.740199	1.671121	1.553166	0.370004
protein_co	TEA_domai	6093	5051	5251	1535	1614	1432	30.29702	32.20738	31.5035	11.84698
protein_co	phospholip	458	373	391	431	518	243	6.565463	6.856745	6.762771	9.589757
protein_co	cholecystol	1	0	0	3	6	3	0.030707	0	0	0.142986
protein_co	ectonucleo	508	393	456	179	197	90	4.077393	4.045021	4.416027	2.229987
protein_co	microphth	44	34	25	4	8	7	0.428575	0.424681	0.293807	0.060473
protein_co	HEAT_repea	13	22	12	47	65	4	0.173026	0.375491	0.192707	0.970948
protein_co	nucleosom	7170	5871	5995	10496	11669	11530	64.62926	67.86275	65.19995	146.8468
protein_co	leukocyte_	2	5	1	0	0	0	0.068703	0.220256	0.041447	0
protein_co	COX_assem	200	190	189	291	350	172	1.554451	1.893695	1.77238	3.510513
protein_co	slit_homol	0	0	0	5	7	7	0	0	0	0.045918
protein_co	LY6/PLAUR	118	90	69	92	111	80	1.359131	1.329325	0.958907	1.644741
protein_co	aldo-keto_r	38	28	48	31	28	20	0.265745	0.251101	0.405015	0.336491
protein_co	V-set_and_	7	0	0	70	108	99	0.220585	0	0	3.423781
protein_co	forkhead_b	0	0	0	364	602	652	0	0	0	12.81037
protein_co	spermatoge	0	0	1	2	9	4	0	0	0.015633	0.040221
protein_co	mitochond	901	742	764	979	1186	1416	28.87758	30.49645	29.54456	48.70227
protein_co	ring_finger_	626	500	540	1217	1358	1101	7.654016	7.839608	7.966303	23.09596
protein_co	angiopoieti	0	0	1	0	0	0	0	0	0.023892	0
protein_co	KIAA1598	611	523	519	147	167	204	7.269678	7.979671	7.450568	2.7147
protein_co	H1_histone	2	0	4	0	0	0	0.072138	0	0.174078	0
protein_co	keratin_ass	0	0	0	1	6	3	0	0	0	0.123775
protein_co	Uncharacte	1	0	1	3	2	1	0.035821	0	0.04322	0.166799
protein_co	HCG20402	0	0	2	1	1	1	0	0	0.074197	0.047724
protein_co	zinc_finger_	63	47	40	29	34	7	0.648819	0.620712	0.497039	0.463566
protein_co	TSPY-like_4	923	710	706	269	412	572	10.52773	10.38486	9.715959	4.762288
protein_co	metallothic	5	7	9	25	28	32	0.135756	0.243722	0.294835	1.053558
protein_co	glucosamir	245	185	210	205	227	142	1.923653	1.862695	1.989427	2.498302
processed_	-	3	3	1	2	2	2	0.068486	0.087823	0.027544	0.070866
protein_co	SEC14_and	1480	1260	1346	407	479	548	6.537657	7.137404	7.17387	2.790521
protein_co	formin_bin	1462	1155	1206	880	1073	723	12.69974	12.86586	12.63988	11.86481
protein_co	dynein_cyt	737	676	672	529	189	507	2.526535	2.971761	2.779554	2.814777
protein_co	keratin_12	0	0	1	0	0	0	0	0	0.030303	0
protein_co	melanoma_	64	59	58	19	40	27	0.92909	1.098346	1.015907	0.428116
protein_co	basal_cell_	96	92	100	1208	1564	935	1.67589	2.059546	2.106311	32.73194
protein_co	round_spe	503	358	418	438	565	502	7.630436	6.96424	7.65078	10.31302
protein_co	WD_repeat	31	18	18	751	1115	406	0.718532	0.535015	0.503391	27.01811
protein_co	erythropoi	69	59	65	300	383	165	1.516836	1.663225	1.724054	10.23626
protein_co	family_witl	0	0	0	2	3	3	0	0	0	0.024848
protein_co	cell_death-	0	1	1	0	0	0	0	0.047087	0.044303	0
protein_co	deleted_in_	374	291	362	5	7	7	3.06535	3.058516	3.579852	0.063608
protein_co	TAF9B_RNA	304	255	283	276	286	384	5.254171	5.651713	5.901536	7.404064
protein_co	protocadhe	82	78	73	45	64	31	1.103295	1.345803	1.185082	0.939768
protein_co	membrane_	189	125	141	442	536	414	1.29168	1.0955	1.16268	4.688627
protein_co	leucine_zip	61	48	57	17	26	16	0.570233	0.575405	0.642903	0.246662
protein_co	lipoma_HM	0	0	1	3	2	3	0	0	0.017825	0.06879
protein_co	calcineurin	1766	1563	1509	1328	1514	1230	25.21552	28.61841	25.99648	29.43105
protein_co	RAD52_mo	4	4	4	156	133	62	0.122189	0.15669	0.147428	7.396514
protein_co	formyl_pep	0	0	0	7	10	0	0	0	0	0.19445
protein_co	histone_clu	0	1	0	0	0	1	0	0.082938	0	0
protein_co	chromosor	197	148	194	10	13	9	5.036714	4.85235	5.984541	0.396836
protein_co	potassium_	0	2	1	182	237	53	0	0.042935	0.020198	4.728998
protein_co	cadherin-re	2	2	1	9	12	4	0.037876	0.04857	0.02285	0.264547
protein_co	collagen_ty	86495	65381	71246	3273	4463	3434	621.6665	602.5975	617.8385	36.51261
protein_co	pleckstrin_	0	0	0	0	0	1	0	0	0	0
protein_co	gap_junctic	2	0	0	16	24	27	0.057818	0	0	0.717927
protein_co	prothymos	23552	18027	18803	42283	52636	38219	675.4457	662.9724	650.6356	1882.17
protein_co	chromosor	0	0	1	0	0	0	0	0	0.113151	0
protein_co	heat_shock	341	289	289	481	503	682	8.397844	9.126844	8.587353	18.38607
protein_co	sirtuin_7	360	271	273	318	415	405	4.899973	4.730094	4.483342	6.718135
protein_co	chromosor	0	0	0	0	1	0	0	0	0	0
pseudogen	-	37	19	32	36	58	37	1.777593	1.17056	1.854935	2.684501
protein_co	intraflagell	916	725	766	836	1041	444	8.150143	8.272126	8.223309	11.54533
pseudogen	tropomyos	1	0	1	1	0	1	0.064057	0	0.077289	0.099426

protein_co	alkylglycer	437	339	335	24	18	15	8.279167	8.23596	7.657695	0.705744
protein_co	SH3-bindin	3	1	1	65	121	24	0.12965	0.055419	0.052143	4.36008
protein_co	cytochrom	1	0	0	0	9	6	0.029885	0	0	0
protein_co	toll-like_re	10	14	7	77	74	22	0.114702	0.205924	0.096876	1.370852
protein_co	ubiquitin_s	2466	2030	2129	3992	4851	4553	21.36563	22.55423	22.25596	53.68384
protein_co	nanos_hom	23	34	27	5	6	3	1.389781	2.634553	1.968478	0.468942
protein_co	NHL_repeat	11	16	14	21	29	37	0.241701	0.450833	0.371161	0.716202
protein_co	developme	0	0	0	17	14	16	0	0	0	1.14667
protein_co	pleckstrin_	16	11	19	50	48	25	0.305597	0.269421	0.437855	1.482277
pseudogen	telomeric_	0	0	0	1	2	0	0	0	0	0.060049
protein_co	zinc_finger_	2	0	1	112	128	98	0.044978	0	0.027135	3.909515
protein_co	melanoma_	436	353	341	183	249	171	13.99319	14.52828	13.20482	9.116156
protein_co	tet_methyl	1418	1044	1263	657	960	1103	6.053906	5.715698	6.505951	4.353667
protein_co	Zinc_finger	333	283	253	402	427	575	2.780338	3.030045	2.548718	5.209665
protein_co	ISG15_ubic	516	416	431	277	363	243	34.02989	35.18143	34.29542	28.35444
protein_co	exonucleas	401	290	298	231	360	104	6.412993	5.947354	5.750171	5.734016
protein_co	transmemb	23	14	24	0	0	0	1.318423	1.029116	1.659917	0
processed_	T-cell_leuke	0	0	0	2	1	1	0	0	0	0.034395
protein_co	chromosor	51	32	34	21	34	25	1.300376	1.046304	1.045985	0.831091
protein_co	zinc_finger_	109	93	100	140	136	163	2.152005	2.354556	2.382127	4.290178
protein_co	RANBP2-lik	2	1	1	1	1	2	0.014003	0.008979	0.008448	0.010868
protein_co	dehydroger	173	131	111	91	93	78	5.921148	5.749637	4.583855	4.834279
protein_co	sterile_alpl	632	444	507	50	63	31	11.61681	10.46555	11.24413	1.426496
protein_co	chromosor	1	5	1	5	9	5	0.015304	0.098123	0.018465	0.118766
protein_co	vimentin-ty	108	84	100	24	41	23	2.246727	2.240862	2.510005	0.77494
pseudogen	thymosin_l	106	93	76	116	188	126	8.797065	9.897471	7.610156	14.9424
protein_co	chromosor	1	0	0	0	0	0	0.068353	0	0	0
pseudogen	WAS_prote	34	36	27	1	4	0	0.436903	0.593224	0.418618	0.019945
protein_co	ELKS/RAB6	30	17	18	123	131	141	0.229179	0.166537	0.165911	1.458442
protein_co	beta_13-ga	313	247	250	71	99	101	3.450065	3.491316	3.324842	1.214708
protein_co	sprouty_ho	7590	5895	6129	3751	4174	4124	72.07275	71.78314	70.22099	55.28494
protein_co	ES_cell_exp	1	0	0	2	0	0	0.037038	0	0	0.114976
pseudogen	-	7	2	2	2	2	1	0.098331	0.036027	0.033898	0.043607
protein_co	transient_r	174	137	135	11	27	5	2.905578	2.933683	2.719976	0.285106
protein_co	amelotin	0	0	1	0	0	0	0	0	0.054557	0
protein_co	chromosor	0	0	0	6	7	5	0	0	0	0.227318
protein_co	Uncharacte	1	4	0	7	12	3	0.020467	0.104984	0	0.222374
protein_co	chromosor	43	26	20	23	26	18	0.499695	0.387453	0.280424	0.414854
protein_co	transmemb	884	706	693	880	1192	975	26.62221	27.26502	25.18101	41.13438
protein_co	solute_carr	45	36	29	2	0	1	0.872282	0.894863	0.678251	0.060173
protein_co	kelch_repe	0	0	2	0	0	1	0	0	0.019757	0
protein_co	thrombosp	436	337	384	271	326	206	2.222179	2.202581	2.361412	2.14384
protein_co	DnaJ_(Hsp4	7	0	0	3	5	5	0.175056	0	0	0.116448
protein_co	gamma-am	0	0	0	29	40	15	0	0	0	1.103301
protein_co	transcriptic	1727	1378	1379	2678	3241	3107	27.30245	27.93623	26.30399	65.71285
protein_co	nonhomolo	0	1	3	1	2	1	0	0.028457	0.080325	0.034444
protein_co	Fanconi_an	738	583	661	652	797	613	6.348346	6.431053	6.860468	8.705271
protein_co	SECIS_bind	806	693	762	1520	1654	1619	6.992295	7.709519	7.976047	20.46722
protein_co	olfactory_r	0	0	0	0	2	0	0	0	0	0
protein_co	chromosor	3	1	0	0	2	0	0.076244	0.032591	0	0
protein_co	alcohol_de	2	1	0	0	0	0	0.062562	0.040113	0	0
pseudogen	-	1	2	1	1	0	0	0.151258	0.387934	0.182502	0.234774
pseudogen	olfactory_r	0	0	0	0	1	0	0	0	0	0
protein_co	sema_dom	392	280	287	1259	1525	1132	3.233794	2.962059	2.856645	16.12065
protein_co	lin-28_hom	101	77	92	1765	2093	2420	0.860289	0.841053	0.945494	23.33449
protein_co	family_witl	3	0	0	2	5	5	0.069881	0	0	0.07231
protein_co	dynein_axo	52	55	66	62	52	44	0.17679	0.239787	0.270735	0.327171
protein_co	microspher	1381	1075	1162	1464	1637	1840	26.43066	26.38348	26.83295	43.48964
protein_co	transmemb	1	0	1	2	0	0	0.015583	0	0.018802	0.048375
protein_co	scleraxis_h	20	8	14	0	1	1	1.547525	0.793793	1.307025	0
protein_co	Fanconi_an	169	152	174	157	125	151	1.114388	1.285294	1.384354	1.606867
protein_co	zinc_finger_	360	297	302	60	78	89	4.199106	4.442425	4.2502	1.086266
protein_co	caspase_re	248	161	194	84	109	127	2.542353	2.116506	2.399573	1.336577
protein_co	platelet_en	322	260	262	24	41	13	3.037945	3.145623	2.982451	0.351452
protein_co	ZFP69_zinc	146	114	117	94	126	93	2.874031	2.877748	2.778898	2.872083

protein_co	sosondowa	3	3	1	162	169	109	0.088527	0.113524	0.035604	7.419967
protein_co	-	0	0	0	1	0	0	0	0	0	0.0207
pseudogen	-	0	0	0	5	1	0	0	0	0	0.175712
protein_co	ZFP69_zinc	164	134	141	80	91	55	2.678496	2.806476	2.778525	2.027999
protein_co	helt_bHLH_	0	0	0	0	11	5	0	0	0	0
protein_co	zinc_finger_	0	0	0	6	4	5	0	0	0	0.158966
protein_co	transmemb	32	31	30	35	37	51	0.483091	0.600136	0.546447	0.82012
protein_co	chromosor	0	0	1	12	11	1	0	0	0.01858	0.286817
protein_co	histone_clu	259	241	222	408	466	442	16.59087	19.79683	17.15814	40.56579
protein_co	phospholip	0	0	0	1	0	0	0	0	0	0.028463
protein_co	eukaryotic_	2156	1525	1609	1786	2504	2077	99.11262	89.89994	89.24509	127.436
protein_co	purinergic_	0	3	2	30	24	17	0	0.09662	0.060606	1.169467
protein_co	coiled-coil_	60	54	40	90	116	117	0.587472	0.678014	0.472545	1.367756
protein_co	tetratricop	6	4	2	0	0	1	0.140319	0.11996	0.056434	0
protein_co	family_witl	300	208	212	237	293	333	3.858202	3.430334	3.289634	4.730887
protein_co	paralemmi	702	574	618	898	1404	922	14.55207	15.2584	15.45697	28.89313
protein_co	chromosor	1	0	0	0	0	0	0.014957	0	0	0
pseudogen	CXXC_finge	1	0	0	0	0	0	0.024718	0	0	0
protein_co	shisa_hom	11	5	4	26	31	21	0.085495	0.049834	0.037511	0.313654
processed_	-	0	4	1	2	0	4	0	0.40697	0.095728	0.246294
protein_co	deleted_in_	2	4	5	1	2	4	0.012201	0.031293	0.036804	0.009469
protein_co	C-type_lect	1	0	1	0	2	4	0.022707	0	0.027397	0
protein_co	lipocalin_1	0	0	0	2	0	0	0	0	0	0.044623
protein_co	low_densit	4	5	4	6	3	3	0.04675	0.074937	0.056406	0.108843
protein_co	chromosor	4	8	7	0	0	0	0.112379	0.28822	0.237285	0
protein_co	ovochymas	0	0	1	1	0	3	0	0	0.016615	0.021374
protein_co	Rho_GTPas	201	191	173	146	154	132	4.613262	5.621533	4.790779	5.201102
pseudogen	heparan_su	0	2	2	4	6	6	0	0.097455	0.091694	0.235915
pseudogen	PMS2_C-te	139	122	118	138	178	132	1.959036	2.20494	2.006585	3.01882
protein_co	cysteine/hi	1360	964	1166	1005	1303	923	10.3557	9.412979	10.71241	11.87783
protein_co	collagen_ty	1284	970	1002	381	384	389	9.311287	9.020399	8.767191	4.288448
protein_co	delta/notcl	53	56	50	27	28	18	0.762322	1.032904	0.867722	0.602777
protein_co	cleavage_a	1	0	0	0	3	0	0.036776	0	0	0
protein_co	kelch-like_f	422	311	359	577	639	348	7.729526	7.304831	7.933831	16.40388
antisense	-	0	0	1	1	0	2	0	0	0.030433	0.03915
protein_co	phospholip	0	0	0	4	1	0	0	0	0	0.089603
pseudogen	ankyrin_re	7	8	5	79	105	43	0.138494	0.20297	0.119358	2.425993
protein_co	zinc_finger_	43	41	32	38	57	40	0.645	0.788651	0.579148	0.884719
protein_co	histone_clu	8	4	8	5	9	14	0.842967	0.540493	1.017088	0.817751
protein_co	Ras_and_Ra	34	26	19	204	259	128	0.527726	0.517502	0.355821	4.914624
protein_co	chromosor	0	1	0	0	0	0	0	0.025012	0	0
pseudogen	-	0	0	0	2	6	3	0	0	0	0.157532
protein_co	olfactory_r	0	1	1	1	1	0	0	0.018703	0.017597	0.022638
protein_co	tumor_pro	6	3	3	12	10	5	0.051349	0.032924	0.030978	0.159401
pseudogen	-	0	1	1	32	33	32	0	0.025718	0.024198	0.996131
protein_co	chromosor	8	16	6	0	0	0	0.149988	0.384677	0.135727	0
protein_co	MORN_rep	144	111	113	36	45	65	7.347293	7.262685	6.956509	2.851004
protein_co	CXXC_finge	0	0	0	1	3	0	0	0	0	0.027971
pseudogen	Meis_home	0	0	0	10	12	9	0	0	0	0.442969
protein_co	S100_calci	53	38	42	0	0	2	2.903237	2.669313	2.775901	0
protein_co	ubiquilin_2	1876	1377	1466	740	974	737	25.73601	24.22432	24.26556	15.75689
protein_co	Rab_intera	418	314	315	192	255	65	7.515348	7.239554	6.833314	5.358022
pseudogen	cathepsin_	0	0	0	1	0	1	0	0	0	0.09236
protein_co	chromosor	1	2	3	2	1	3	0.032859	0.084274	0.118939	0.102004
protein_co	zinc_finger_	22	14	24	37	25	19	0.24347	0.198682	0.320465	0.635556
protein_co	chloride_cl	2	3	9	15	22	12	0.029565	0.056869	0.160523	0.344167
protein_co	NACHT_and	0	1	0	0	1	1	0	0.007164	0	0
protein_co	ADP-ribosy	4985	4381	4520	390	649	777	58.24738	65.64382	63.72322	7.073043
protein_co	ring_finger_	0	0	0	0	1	1	0	0	0	0
protein_co	transmemb	2	4	5	40	40	16	0.048591	0.124621	0.146569	1.50839
protein_co	triggering_	3	1	0	0	0	0	0.061055	0.026098	0	0
protein_co	RAB42_me	135	117	119	98	124	72	3.246232	3.607788	3.452556	3.657652
protein_co	wingless-ty	969	801	953	5	5	5	11.59388	12.28986	13.75771	0.092855
processed_	chromosor	1488	1117	1214	1158	1616	1799	12.49952	12.03242	12.30431	15.09835
protein_co	secretoglob	0	0	0	0	2	0	0	0	0	0

protein_co	protease_se	0	0	0	8	13	2	0	0	0	0.186138
protein_co	phospholip	0	0	0	0	1	1	0	0	0	0
protein_co	G_protein-	22	15	32	21	31	32	0.381925	0.333931	0.670276	0.565856
protein_co	mesoderm_	13	12	9	21	22	9	0.392764	0.464921	0.32808	0.984778
protein_co	family_witl	0	0	0	0	1	0	0	0	0	0
pseudogen	arachidona	0	0	0	0	0	1	0	0	0	0
protein_co	eyes_shut_l	17	17	19	32	11	3	0.075279	0.096535	0.101514	0.219941
protein_co	chromosor	2	8	8	1320	1935	1848	0.015101	0.077462	0.072883	15.4701
protein_co	deleted_in_	0	0	1	0	0	0	0	0	0.012797	0
protein_co	olfactory_r	0	0	1	0	1	1	0	0	0.052924	0
protein_co	mitogen-ac	1066	739	803	409	547	417	8.000121	7.112023	7.271148	4.764235
protein_co	transmemb	3	0	0	5	4	4	0.039282	0	0	0.101619
protein_co	NUT_family	48	54	44	47	70	53	0.78945	1.138902	0.87314	1.199807
protein_co	collagen_ty	577	455	445	494	590	494	4.173306	4.220123	3.883403	5.545769
protein_co	keratin_ass	0	0	0	1	4	1	0	0	0	0.058788
protein_co	agrin	28929	20311	22210	6960	9590	6556	185.2357	166.7754	171.5884	69.17212
protein_co	Nance-Hora	124	129	148	124	206	110	0.663664	0.885372	0.955733	1.030099
protein_co	otogelin	0	0	0	30	45	16	0	0	0	0.21937
protein_co	family_witl	2	1	1	0	0	0	0.054523	0.034959	0.032893	0
protein_co	transmemb	65	59	73	52	57	76	0.769271	0.895421	1.042406	0.955212
protein_co	zinc_finger_	47	35	30	152	201	209	0.369584	0.352934	0.284633	1.855195
protein_co	smoothelin	2	0	0	87	113	26	0.041132	0	0	2.777124
protein_co	zinc_finger_	190	192	150	341	338	74	0.772019	1.000426	0.735384	2.150599
processed_	long_interg	71	73	90	123	187	130	1.091896	1.439644	1.669989	2.936017
protein_co	late_endos	819	612	673	1126	1366	1030	52.60675	50.41019	52.15797	112.2604
protein_co	protein_kir	250	138	215	665	969	971	4.591659	3.250259	4.764486	18.95753
protein_co	NUT_family	29	21	12	3	11	5	0.342522	0.318067	0.171009	0.054997
processed_	HNRNPU_a	54	71	47	117	140	83	0.505704	0.852649	0.531066	1.700666
protein_co	natural_kil	702	535	586	36	39	26	5.112891	4.996807	5.149619	0.40697
protein_co	DCN1_defe	164	171	174	111	137	114	2.552261	3.41261	3.267221	2.681234
protein_co	zinc_finger_	52	41	52	201	219	262	0.363272	0.367301	0.438308	2.17949
protein_co	tubulin_be	8086	6235	6788	5259	6106	6616	186.3158	184.2306	188.7148	188.083
protein_co	ArfGAP_wit	58	49	51	43	42	53	1.115056	1.20802	1.183006	1.283121
protein_co	Uncharacte	131	92	84	130	170	82	3.274303	2.948796	2.533232	5.043376
protein_co	COMM_dor	552	398	422	409	472	352	14.43574	13.34727	13.3156	16.60175
protein_co	phospholip	0	0	0	36	74	22	0	0	0	2.006181
protein_co	interleukin	2	0	0	8	9	1	0.025567	0	0	0.158735
protein_co	aminoglyco	7	6	7	16	20	5	0.150564	0.165495	0.181664	0.534164
protein_co	chromosor	61	53	64	28	24	19	1.151023	1.282446	1.457075	0.820054
protein_co	family_witl	0	0	1	0	0	0	0	0	0.187958	0
protein_co	family_witl	1	2	0	0	0	13	0.005296	0.013583	0	0
protein_co	RUN_and_F	0	0	0	2	4	1	0	0	0	0.040796
protein_co	zinc_finger_	67	68	63	31	59	52	1.385199	1.802833	1.571542	0.994786
protein_co	hairy_and_	57	37	41	94	181	26	2.569934	2.139233	2.23038	6.578174
protein_co	zinc_finger_	101	101	110	154	176	204	2.427418	3.112819	3.189803	5.744792
protein_co	chromosor	17	12	12	6	2	4	0.310893	0.281419	0.264784	0.170312
protein_co	leucine-rich	2	0	1	1	2	4	0.05133	0	0.030966	0.039836
protein_co	centromere	243	197	253	124	145	104	1.299826	1.351308	1.632855	1.029511
protein_co	phospholip	554	441	482	481	594	541	11.63326	11.87516	12.212	15.67715
protein_co	chromosor	150	134	126	50	53	64	1.660803	1.902572	1.683238	0.859266
protein_co	enolase_far	17	5	12	8	3	4	0.286841	0.108186	0.244299	0.209514
protein_co	zinc_finger_	112	92	75	156	117	137	1.726391	1.818521	1.39486	3.732297
protein_co	SH3-bindin	590	413	444	5701	8744	5343	5.541889	4.974681	5.031956	83.11652
processed_	solute_carr	7	0	3	25	28	19	0.132887	0	0.068715	0.736638
protein_co	general_tra	498	395	443	469	604	623	16.30672	16.58608	17.50206	23.8364
protein_co	family_witl	515	386	449	305	347	313	5.694025	5.47279	5.98972	5.234105
protein_co	focadhesin	1088	936	941	751	855	659	8.368822	9.232528	8.733194	8.966147
antisense	-	6	5	2	8	11	4	0.373626	0.399268	0.150267	0.773225
protein_co	proline_ric	24	19	28	51	69	55	0.575338	0.584083	0.809874	1.897633
protein_co	zona_pellu	18	19	17	35	35	12	0.457216	0.618887	0.52101	1.379899
protein_co	H3_histone	2	0	2	0	1	2	0.08906	0	0.107456	0
pseudogen	-	3	1	3	24	40	19	0.13321	0.056941	0.160726	1.654086
pseudogen	-	1	0	1	1	1	2	0.00975	0	0.011765	0.015134
protein_co	Janus_kina	9	11	12	39	39	35	0.06369	0.099823	0.102461	0.428375
protein_co	protein_ph	0	0	0	0	0	1	0	0	0	0

pseudogen	golgin_A6_	1	0	0	1	1	0	0.027927	0	0	0.043347
protein_co	programme	0	0	0	0	1	3	0	0	0	0
protein_co	G_protein-	1	1	2	1	0	1	0.040077	0.051393	0.09671	0.062205
protein_co	Tctex1_dor	15	16	13	2	2	5	0.55733	0.762343	0.58279	0.11534
pseudogen	ankyrin_re	0	0	0	0	2	0	0	0	0	0
protein_co	selectin_L	4	5	12	0	1	0	0.076995	0.123419	0.278697	0
protein_co	choroidere	456	330	386	199	154	229	3.929042	3.646239	4.01289	2.661371
protein_co	nanos_hom	0	0	0	1	2	0	0	0	0	0.046594
protein_co	biogenesis_	147	114	114	157	211	149	2.568119	2.553948	2.402983	4.257239
pseudogen	signal_reco	2	5	4	2	7	4	0.047388	0.15192	0.114352	0.073552
protein_co	ceramide_k	283	187	216	4	6	9	4.136495	3.505072	3.809323	0.090748
pseudogen	WAS_prote	0	0	1	15	6	9	0	0	0.030125	0.581308
protein_co	solute_carr	7	8	10	40	31	48	0.109997	0.161206	0.189596	0.975601
sense_intrc	-	0	0	0	0	0	2	0	0	0	0
protein_co	immediate_	2267	1622	1745	225	288	109	39.28295	36.04232	36.48347	6.051536
protein_co	H2A_histor	3633	2642	2796	4114	5496	5536	105.5461	98.42808	98.00812	185.5118
protein_co	inscuteable	0	0	2	11	11	0	0	0	0.038304	0.271015
protein_co	serpin_pep	4	1	1	17	16	13	0.081125	0.026008	0.02447	0.535146
protein_co	chromosor	161	138	141	860	1056	757	2.742206	3.014134	2.897619	22.73543
protein_co	lactase-like	93	42	66	52	47	50	1.385692	0.802495	1.186522	1.20259
protein_co	non-specifi	0	0	0	23	29	12	0	0	0	0.846277
protein_co	keratinocyt	0	0	0	3	2	4	0	0	0	0.444683
protein_co	chromosor	0	0	0	1	3	0	0	0	0	0.025845
pseudogen	-	0	0	0	1	2	0	0	0	0	0.228867
protein_co	collagen_ty	3372	2572	2536	78	101	86	34.14971	33.40256	30.98822	1.226096
protein_co	family_witl	426	365	362	874	1210	688	3.79323	4.167751	3.889163	12.07929
protein_co	chromosor	3	8	5	26	31	9	0.077376	0.264598	0.155598	1.040855
protein_co	serine/argi	2338	1831	2007	1871	2280	3136	27.70504	27.82352	28.69523	34.41269
protein_co	hemoglobi	0	0	0	4	4	2	0	0	0	0.454874
protein_co	dual_specif	47	35	28	26	47	38	0.636761	0.608074	0.457704	0.546742
protein_co	chromosor	115	94	113	20	28	4	1.07396	1.125712	1.273259	0.289902
protein_co	neighbor_c	2019	1619	1770	1418	1323	926	19.03699	19.57574	20.13647	20.75241
protein_co	Ral_GTPase	299	216	235	474	603	607	1.598827	1.481131	1.516164	3.934043
protein_co	NADPH_de	510	364	413	452	651	698	9.577056	8.765417	9.357502	13.1744
protein_co	fibrillarin-l	5	3	4	56	83	41	0.154345	0.118755	0.148981	2.683126
protein_co	Na+/K+_tra	0	4	0	0	3	2	0	0.077213	0	0
protein_co	keratin_ass	0	1	0	0	0	0	0	0.066589	0	0
protein_co	progestin_a	5	2	12	42	33	22	0.111484	0.057185	0.322827	1.45352
protein_co	chromosor	8	5	7	0	0	0	0.13611	0.109089	0.143697	0
pseudogen	nuclear_po	15	15	16	16	24	19	0.242367	0.310802	0.311926	0.401267
protein_co	ceroid-lipo	2	5	2	1	11	3	0.030438	0.097582	0.036725	0.023622
protein_co	family_witl	100	64	78	337	368	179	1.975148	1.621022	1.858841	10.33142
protein_co	N-acylsphir	14	11	15	14	11	14	0.136848	0.137884	0.176909	0.212407
protein_co	SMT3_supp	2276	1755	1836	2993	3513	2777	72.94715	72.1311	70.99975	148.8926
protein_co	nanos_hom	127	131	128	208	232	239	1.287018	1.7024	1.565089	3.271709
protein_co	H6_family_	0	0	0	0	0	2	0	0	0	0
protein_co	IGF-like_fa	74	61	68	3	1	4	5.241482	5.540661	5.811381	0.329818
protein_co	golgin_A8_	3	3	1	5	3	0	0.074076	0.094992	0.029792	0.191627
protein_co	zinc_finger_	2	0	1	3	5	1	0.038608	0	0.023292	0.089889
protein_co	leucine_zip	1578	1161	1293	747	879	951	13.46541	12.7044	13.31249	9.893815
protein_co	dihydropyr	292	300	217	1	2	4	3.103328	4.088608	2.782612	0.016496
protein_co	S100_calci	3788	3021	3224	137	151	83	154.9907	158.5097	159.1618	8.700552
protein_co	protein_pr	1030	751	845	1218	1514	1209	4.890312	4.572446	4.840654	8.975881
protein_co	coiled-coil_	0	0	0	0	0	2	0	0	0	0
protein_co	ribonuclea	0	0	0	1	0	2	0	0	0	0.026926
protein_co	family_witl	28	29	26	36	28	30	0.418928	0.556402	0.469356	0.836016
lincRNA	long_interg	3	5	11	6	2	1	0.040111	0.085728	0.177454	0.124516
pseudogen	histone_lin	12	6	9	2	0	0	0.461592	0.295963	0.417703	0.119409
protein_co	Rh_blood_	20	15	13	6	8	2	0.518122	0.498313	0.406343	0.241259
protein_co	chromosor	0	0	0	0	0	6	0	0	0	0
protein_co	indoleamir	0	0	0	2	2	2	0	0	0	0.034137
protein_co	parvin_beta	378	335	373	239	272	164	10.38946	11.80743	12.36967	10.196
pseudogen	tektin_4_p	88	81	70	115	110	75	1.892808	2.234181	1.816645	3.839301
protein_co	scleraxis_h	41	22	43	0	0	0	1.924415	1.32418	2.435182	0
protein_co	solute_carr	4	1	4	9	12	9	0.028522	0.009144	0.034413	0.099607

protein_co	uroporphy	856	595	697	293	306	372	25.79554	22.99308	25.34263	13.70468
pseudogen	-	0	0	0	0	0	1	0	0	0	0
processed_	-	1	1	1	1	7	6	0.015857	0.020335	0.019133	0.024613
protein_co	zinc_finger	1149	933	960	578	654	781	11.79178	12.27864	11.88717	9.206987
protein_co	chromosor	0	0	0	2	1	10	0	0	0	0.0507
protein_co	pyroglutam	4	6	6	0	1	7	0.456351	0.877807	0.82592	0
protein_co	dual_specif	6	2	3	1	3	0	0.424344	0.181387	0.255998	0.109773
pseudogen	-	0	0	0	10	11	6	0	0	0	1.128369
protein_co	small_integ	645	509	545	293	347	409	10.4687	10.594	10.67278	7.381267
protein_co	osteocrin	0	0	0	3	0	0	0	0	0	0.069668
protein_co	von_Willeb	47	57	34	185	226	109	1.165431	1.812479	1.017222	7.120182
protein_co	family_witl	23	17	14	173	227	120	0.259622	0.246078	0.190673	3.031032
protein_co	transmemb	757	619	632	577	913	541	4.757505	4.988654	4.792349	5.628461
protein_co	fibrous_she	28	29	32	27	14	25	0.06236	0.082823	0.085989	0.093334
protein_co	RNA_bindi	5	14	7	7	10	6	0.114143	0.409843	0.192808	0.248032
protein_co	NADPH_oxi	8	2	7	66	84	22	0.223552	0.071668	0.236012	2.862614
protein_co	transmemb	53	19	22	89	122	110	1.038517	0.47742	0.520126	2.706812
protein_co	BCL2-like_1	2	3	5	1	1	1	0.023207	0.04464	0.070002	0.01801
protein_co	frizzled_fan	149	76	88	91	119	48	2.983182	1.951266	2.125809	2.827909
protein_co	sprouty-rel	290	197	232	43	47	30	8.835676	7.696926	8.528601	2.033484
protein_co	opticin	0	0	0	2	3	8	0	0	0	0.107108
protein_co	chromosor	0	3	1	4	2	1	0	0.11706	0.036714	0.188916
protein_co	adrenocept	0	0	0	2	1	0	0	0	0	0.04946
protein_co	SKI_family_	27	12	22	8	14	20	0.344498	0.196342	0.338683	0.158432
protein_co	cation_cha	0	0	0	6	18	6	0	0	0	0.228388
protein_co	proline/arg	0	0	2	8	9	3	0	0	0.019689	0.101312
protein_co	phospholip	1	0	0	0	0	1	0.059733	0	0	0
protein_co	zinc_finger	99	89	86	94	111	110	1.373	1.582831	1.439069	2.023455
protein_co	metal-regul	396	287	308	271	311	311	2.329208	2.164733	2.185807	2.474075
protein_co	transmemb	0	2	0	0	0	0	0	0.162733	0	0
pseudogen	zinc_finger	11	2	9	40	73	46	0.217266	0.050657	0.214482	1.226281
protein_co	shisa_hom	1054	786	858	57	83	29	6.524367	6.239211	6.408156	0.54765
protein_co	transmemb	770	510	583	647	873	873	9.375568	7.963177	8.564923	12.22761
protein_co	NHL_repeat	308	274	297	273	335	211	4.069351	4.642312	4.734552	5.598446
protein_co	H6_family_	0	0	0	28	14	10	0	0	0	1.251741
protein_co	sentan_cili	0	0	0	0	2	1	0	0	0	0
protein_co	zinc_finger	20	5	14	101	127	93	0.239052	0.076638	0.201901	1.87376
protein_co	family_witl	5	2	1	2	3	10	0.211407	0.10844	0.051015	0.131253
protein_co	cannabinoi	0	0	0	0	0	1	0	0	0	0
lincRNA	-	2	9	8	24	38	3	0.03245	0.187255	0.15661	0.6044
protein_co	SLX4_struc	748	583	612	631	876	525	4.800018	4.797546	4.738499	6.28494
protein_co	glycine_rec	0	1	1	4	9	5	0	0.032733	0.030798	0.158475
pseudogen	developme	0	0	0	1	2	1	0	0	0	0.059705
protein_co	ectonucleo	4	4	5	27	27	12	0.066135	0.084809	0.099745	0.692897
protein_co	ribosomal_	9397	7240	7754	12085	11985	12588	456.134	450.6622	454.1268	910.5009
protein_co	BEN_doma	0	0	0	1698	2160	1247	0	0	0	14.09927
pseudogen	ribosomal_	62	47	44	143	266	106	3.273853	3.182546	2.803291	11.72017
protein_co	family_witl	4	0	0	45	42	28	0.042637	0	0	0.744508
protein_co	zinc_finger	0	1	1	59	45	33	0	0.021834	0.020543	1.55919
protein_co	transmemb	14	7	6	1	2	2	0.141357	0.090635	0.073095	0.015672
pseudogen	ribosomal_	1	1	1	3	1	1	0.071697	0.091942	0.086507	0.333852
protein_co	Fas_(TNFRS	54	38	56	91	127	41	0.524779	0.473561	0.656628	1.372635
protein_co	killer_cell_l	0	1	0	305	467	219	0	0.027369	0	10.1037
protein_co	astacin-like	0	0	0	12	25	9	0	0	0	0.673887
protein_co	G_protein-	0	1	0	3	3	2	0	0.007535	0	0.027361
protein_co	male-specif	2338	1803	1913	1139	1638	1388	32.01777	31.66297	31.60892	24.21034
protein_co	Protein_LO	11	16	14	216	316	129	0.067627	0.126141	0.103849	2.061156
protein_co	leucine-rich	8	4	6	5	7	6	0.040961	0.026263	0.037066	0.039736
protein_co	brain-speci	3	0	0	0	0	1	0.169482	0	0	0
protein_co	gap_junctio	2	0	1	5	14	7	0.0423	0	0.025519	0.16414
protein_co	family_witl	43	47	43	28	20	11	0.457931	0.641858	0.55252	0.462829
protein_co	tRNA_meth	416	308	316	354	443	317	5.701914	5.413615	5.225916	7.531146
protein_co	protein_tyr	102	113	116	33	46	46	1.149431	1.632941	1.577207	0.577201
protein_co	chromosor	232	180	196	125	146	120	14.05489	13.98367	14.32661	11.75384
pseudogen	ubiquitin_s	0	1	0	2	11	5	0	0.015634	0	0.037847

protein_co	nyctalopin	0	0	0	14	20	8	0	0	0.375568
protein_co	family_witl	566	441	468	493	592	727	9.577679	9.569556	9.555156	12.94855
protein_co	urotensin_	3	3	5	1	0	1	0.058735	0.075319	0.118112	0.030388
protein_co	chromosor	7	4	3	1	3	2	0.120806	0.088524	0.062468	0.026787
protein_co	Uncharacte	518	401	445	115	164	129	6.641791	6.593396	6.884359	2.288673
protein_co	nucleolar_	2617	1950	2131	3673	4228	4097	29.20999	27.91076	28.6985	63.63252
protein_co	Myb/SANT-	15	9	7	10	11	8	0.222298	0.171039	0.125167	0.230025
protein_co	arylacetam	0	0	0	13	7	6	0	0	0	0.246904
pseudogen	dihydrofola	15	7	12	48	44	43	0.477171	0.285555	0.460588	2.370034
protein_co	negative_el	2416	1824	1894	2663	3492	2388	41.98899	40.65113	39.71609	71.83566
protein_co	histone_clu	1	1	4	4	1	5	0.127766	0.163841	0.616627	0.79324
protein_co	solute_carr	0	0	0	1	2	0	0	0	0	0.024899
protein_co	lipase_men	5	10	3	3	9	3	0.141919	0.363982	0.10274	0.132167
protein_co	leucine_ric	36	35	27	7	6	1	0.507376	0.632565	0.459134	0.153129
protein_co	zinc_finger_	934	756	746	496	317	649	4.127736	4.284461	3.977882	3.402336
protein_co	HUS1_chec	3	3	0	12	9	9	0.137239	0.17599	0	0.852056
protein_co	potassium_	140	122	123	28	34	30	1.83113	2.046258	1.941084	0.568434
protein_co	suprabasin	0	2	0	2	3	3	0	0.06183	0	0.074838
protein_co	adenosine_	132	93	92	133	145	131	2.997328	2.708025	2.520555	4.687513
pseudogen	-	0	1	4	0	2	2	0	0.066442	0.250057	0
pseudogen	family_witl	2	5	2	6	3	8	0.03458	0.110859	0.041722	0.161017
protein_co	melanoma_	0	0	0	0	0	1	0	0	0	0
protein_co	von_Hippel	0	1	0	0	0	0	0	0.0593	0	0
protein_co	zinc_finger_	92	68	65	152	88	155	1.155298	1.095026	0.984844	2.962649
protein_co	NADH_deh	1556	1314	1286	2557	2472	2296	34.25393	37.09416	34.15779	87.36993
protein_co	ankyrin_rep	4	0	4	11	9	10	0.073009	0	0.08809	0.31163
protein_co	alkB_alkyla	169	133	163	163	227	130	6.837285	6.900141	7.956693	10.23564
protein_co	ring_finger_	164	102	119	19	33	32	3.660144	2.9192	3.204419	0.658171
protein_co	ring_finger_	1	0	0	4	5	0	0.015314	0	0	0.095075
protein_co	chorionic_	0	1	0	0	0	0	0	0.071498	0	0
protein_co	reelin	0	2	1	14	23	10	0	0.010393	0.004889	0.088058
protein_co	family_witl	196	175	183	176	80	414	2.634875	3.016833	2.968268	3.672375
protein_co	apolipopro	7	5	4	0	0	0	0.271265	0.24847	0.187026	0
protein_co	H1_histone	7364	5755	5999	7619	9809	5634	148.2602	148.5818	145.7263	238.089
protein_co	lipopolysac	1370	1133	1124	870	1138	842	27.2547	28.90414	26.97958	26.86399
protein_co	V-set_and_	1	0	0	2	0	0	0.045043	0	0	0.139827
polymorph	transmemb	340	257	253	176	217	130	10.94959	10.61357	9.830771	8.797558
protein_co	AT_rich_int	898	709	749	823	875	783	4.872395	4.93312	4.903385	6.931009
pseudogen	ribosomal_	1	2	6	10	9	10	0.040284	0.103316	0.291626	0.625256
protein_co	splicing_fac	4360	3577	3833	5035	4994	4676	29.3357	30.863	31.11693	52.58234
protein_co	protease_se	0	1	1	0	8	5	0	0.060799	0.057205	0
protein_co	interleukin	0	0	0	6	6	5	0	0	0	0.146291
protein_co	biogenesis_	298	182	176	89	138	124	5.372251	4.207467	3.828254	2.490351
protein_co	Sp6_transc	5	9	7	52	76	21	0.060928	0.140636	0.102918	0.983511
protein_co	ankyrin_rep	0	0	3	4	8	3	0	0	0.0431	0.073926
protein_co	placenta-sp	79	72	64	28	36	32	4.718868	5.51509	4.612525	2.595967
protein_co	NFKB_activ	0	1	0	0	2	0	0	0.036687	0	0
pseudogen	ubiquitin-c	57	44	43	11	19	17	1.243131	1.230563	1.13151	0.372362
protein_co	claudin_4	37	25	17	666	862	411	0.41675	0.361097	0.231031	11.64337
protein_co	zinc_finger_	56	27	49	49	90	64	1.043657	0.645272	1.101828	1.417413
pseudogen	-	0	0	0	0	1	0	0	0	0	0
lincRNA	CRYM_anti	9	11	6	2	4	0	0.208092	0.326148	0.167383	0.071775
protein_co	GRB2-relat	0	0	0	0	1	0	0	0	0	0
protein_co	family_witl	0	1	0	6	8	6	0	0.009622	0	0.06988
protein_co	hematologi	3755	2958	2965	3464	3883	4219	76.92093	77.70377	73.28369	110.1395
protein_co	zinc_finger_	103	74	68	43	55	79	0.90562	0.834353	0.721383	0.586824
pseudogen	trinucleoti	1	0	0	1	0	1	0.017425	0	0	0.027046
protein_co	zygote_arre	1	1	0	6	5	3	0.029981	0.038446	0	0.279206
protein_co	keratin_ass	0	0	1	4	9	2	0	0	0.064806	0.33347
protein_co	S100_calci	1798	1506	1498	373	398	376	38.60268	41.46313	38.80499	12.42988
protein_co	zinc_finger_	325	279	301	641	516	712	2.491296	2.742556	2.783918	7.62659
protein_co	protocadhe	1754	1391	1484	377	442	311	13.92568	14.16196	14.21572	4.645781
protein_co	zinc_finger_	26	25	22	80	73	58	0.318397	0.392595	0.325062	1.520602
protein_co	BTB_(POZ)_	9	7	14	13	8	3	0.261145	0.260463	0.490134	0.585481
lincRNA	-	0	0	3	0	0	0	0	0	0.079721	0

pseudogen	dpy-19-like	28	23	32	8	3	2	0.335442	0.353343	0.462549	0.148758
protein_co	monoamin	26	13	12	92	131	84	0.303646	0.194692	0.169092	1.667682
processed_	-	1014	762	829	219	282	213	17.695	17.05207	17.45482	5.931811
protein_co	chromosor	51	37	49	18	25	11	1.708136	1.589145	1.980143	0.93574
lincRNA	-	42	58	48	50	60	54	1.818449	3.220248	2.507502	3.360102
protein_co	nuclear_GT	1	0	0	0	0	1	0.012063	0	0	0
protein_co	TSPY-like_1	2111	1575	1800	1199	1569	1765	29.76092	28.47397	30.61813	26.23662
protein_co	proline-rich	1411	988	1107	1576	1755	1822	27.38486	24.5895	25.92263	47.47557
protein_co	chromosor	3	0	3	0	2	1	0.108208	0	0.130559	0
protein_co	Uncharacte	0	0	0	0	0	1	0	0	0	0
protein_co	gap_junctio	1	0	0	0	0	1	0.034605	0	0	0
protein_co	fragile_hist	21	16	21	30	25	25	0.321479	0.314096	0.387883	0.712829
protein_co	family_with	5	3	4	42	71	71	0.168791	0.12987	0.162924	2.200685
protein_co	zinc_finger	112	71	104	94	112	111	2.244309	1.824451	2.514467	2.923633
protein_co	ribosomal_	1038	764	935	741	986	1237	12.80501	12.08607	13.91689	14.18833
protein_co	lin-54_hom	346	264	288	169	304	194	2.647943	2.590871	2.659335	2.007473
antisense	-	0	0	0	1	0	1	0	0	0	0.068531
protein_co	family_with	530	416	454	839	1032	552	4.575899	4.605781	4.729383	11.24328
protein_co	family_with	4	3	2	0	0	0	0.1042	0.100216	0.062862	0
protein_co	chromosor	0	0	0	0	2	0	0	0	0	0
protein_co	S100_calci	0	4	3	7	10	11	0	0.197471	0.139349	0.418275
protein_co	kazrin_peri	384	284	273	341	504	269	2.986031	2.831984	2.561379	4.11574
protein_co	solute_carr	2314	1726	1891	1399	1696	1445	17.33006	16.57627	17.08741	16.26241
pseudogen	ribosomal_	7449	5668	5900	10763	14774	9146	378.4223	369.2478	361.6419	848.6771
pseudogen	family_with	0	0	0	3	2	2	0	0	0	0.157874
protein_co	family_with	4	1	4	26	24	30	0.014779	0.004738	0.017832	0.149104
protein_co	transmemb	107	95	72	72	76	72	0.813429	0.926124	0.660414	0.84957
protein_co	ALG1_chitc	1	1	0	18	14	12	0.058248	0.074695	0	1.627374
protein_co	KIAA0408	15	8	9	2	0	1	0.106892	0.073106	0.077383	0.022122
protein_co	G1_to_S_ph	307	223	233	485	574	673	5.061616	4.714819	4.635054	12.41146
protein_co	TBC1_dom	1	0	0	1	3	1	0.016812	0	0	0.026095
protein_co	chromosor	19	13	22	9	29	17	0.663868	0.582479	0.927467	0.488091
protein_co	chemokine	1	1	2	4	1	1	0.040009	0.051305	0.096545	0.248395
pseudogen	olfactory_r	2	5	3	132	156	197	0.096382	0.308992	0.174436	9.873519
protein_co	OTU_doma	0	0	0	2	3	0	0	0	0	0.086181
protein_co	high_mobil	9887	7630	8148	9071	9977	11854	110.4076	109.2618	109.7826	157.2245
protein_co	matrix_met	90	64	62	53	85	39	2.756435	2.51359	2.291105	2.519484
protein_co	SH2_domai	54	68	67	287	441	281	0.683417	1.103597	1.023093	5.637734
lincRNA	-	0	3	2	1	5	3	0	0.087061	0.05461	0.035125
protein_co	ZFP92_zinc	0	0	0	1	5	4	0	0	0	0.058084
pseudogen	ubiquitin_s	22	19	13	9	13	10	0.878689	0.97314	0.626475	0.557937
protein_co	natural_cyt	0	0	0	10	4	16	0	0	0	0.451488
pseudogen	Ras_associa	283	161	228	52	84	71	7.180668	5.238581	6.980095	2.047916
protein_co	gap_junctio	0	0	0	0	1	0	0	0	0	0
protein_co	olfactory_r	0	0	0	1	0	0	0	0	0	0.038651
protein_co	biogenesis_	635	489	580	508	543	560	14.71105	14.52741	16.21235	18.26687
protein_co	synaptoner	23	46	24	4	3	3	0.193726	0.496851	0.243904	0.052294
protein_co	zinc_finger	100	87	71	357	462	554	1.696455	1.892653	1.453278	9.400285
protein_co	interleukin	903	681	764	109	119	77	8.861801	8.570195	9.046397	1.660318
protein_co	protein_tyr	5	1	3	13	15	30	0.018381	0.004714	0.013307	0.074178
protein_co	paired_box	0	0	0	471	637	324	0	0	0	4.015849
processed_	-	0	1	0	0	0	0	0	0.034817	0	0
protein_co	sparc/osteo	12	3	11	76	97	71	0.188439	0.060412	0.208416	1.852399
protein_co	zinc_finger	48	62	61	38	54	17	0.670256	1.110199	1.027727	0.823595
pseudogen	-	2	1	3	0	3	1	0.235038	0.150701	0.42538	0
protein_co	tudor_dom	122	94	84	40	51	43	1.492066	1.474231	1.239526	0.759309
protein_co	chromosor	16	15	11	5	12	10	0.354891	0.426654	0.294385	0.172138
protein_co	KIAA0895-l	826	751	807	248	373	279	10.91018	12.72042	12.86097	5.084335
protein_co	major_hist	12	7	19	23	21	12	0.457836	0.342481	0.874642	1.36203
protein_co	vomeronas	0	0	0	1	0	0	0	0	0	0.055515
protein_co	myelin_tra	16	10	8	64	84	21	0.133637	0.107107	0.080621	0.829695
protein_co	serpin_pep	5	2	9	0	0	0	0.076443	0.039211	0.166019	0
pseudogen	-	0	2	0	0	1	1	0	0.06779	0	0
protein_co	aldo-keto_r	9	14	8	27	28	25	0.233542	0.465864	0.250473	1.087468
protein_co	spermatog	3382	2494	2584	1655	2287	2162	58.77763	55.58329	54.18499	44.64439

protein_co	zinc_finger_	219	196	220	150	172	127	1.613594	1.851892	1.955784	1.715426
protein_co	WD_repeat	88	54	48	105	117	66	2.149126	1.691151	1.414388	3.980145
protein_co	zinc_finger_	83	64	74	61	73	73	1.872893	1.851928	2.01472	2.136462
protein_co	S100_calci	1303	918	959	57	51	40	80.9241	73.11146	71.86213	5.494634
protein_co	pleckstrin_	173	107	141	123	156	80	1.167358	0.925873	1.147956	1.288231
protein_co	FAT_tumor	2148	1632	1701	244	229	400	6.246961	6.08645	5.968798	1.101425
protein_co	chromosor	0	0	0	16	12	10	0	0	0	0.211877
protein_co	kinesin_fan	0	0	0	16	30	7	0	0	0	0.319648
protein_co	zinc_finger_	12	10	11	235	251	265	0.086606	0.09255	0.095787	2.632485
protein_co	histone_clu	1	1	0	0	4	0	0.126048	0.161639	0	0
protein_co	acyl-CoA_d	176	140	132	135	161	202	1.408541	1.436793	1.274615	1.676954
protein_co	serine/thre	830	584	651	529	657	670	8.046044	7.259831	7.614359	7.959585
pseudogen	ribosomal_	1	0	0	0	2	0	0.052626	0	0	0
protein_co	transmemb	481	450	421	1010	1156	1603	4.171278	5.004329	4.405084	13.5949
protein_co	sema_dom	22	18	12	227	261	211	0.3126	0.327981	0.205729	5.006368
pseudogen	-	0	0	1	1	1	2	0	0	0.16788	0.215964
protein_co	histidine_ri	16	13	12	2	3	1	0.789727	0.822829	0.714638	0.153221
protein_co	M-phase_pl	1139	970	969	885	1141	1004	12.61103	13.77235	12.9449	15.209
pseudogen	ring_finger_	338	256	292	175	214	271	4.363664	4.238224	4.548471	3.506736
pseudogen	eukaryotic_	1671	1449	1330	2395	2819	2219	46.75013	51.98572	44.89584	104.0022
protein_co	growth_reg	8	7	7	1059	1345	784	0.044215	0.049612	0.046679	9.084607
protein_co	signal-regul	0	1	2	2	0	0	0	0.022759	0.042828	0.055094
protein_co	zinc_finger_	291	249	232	492	518	573	4.586553	5.032712	4.411939	12.03619
protein_co	ryanodine_	1	2	0	412	655	373	0.003049	0.007821	0	1.950008
protein_co	SLIT-ROBO_	129	129	113	107	142	101	0.6988	0.896112	0.738567	0.899658
protein_co	histone_clu	2	0	0	0	0	0	0.217587	0	0	0
protein_co	family_witl	672	504	507	308	353	297	6.116089	5.882263	5.567504	4.350966
protein_co	sulfotransfe	0	0	1	0	1	0	0	0	0.061831	0
protein_co	tubulin_be	52156	41986	43753	51163	52673	57843	842.4374	869.6554	852.6862	1282.684
protein_co	ligand_dep	317	263	289	279	295	253	1.911294	2.033449	2.102394	2.610977
protein_co	suppressor_	4304	3184	3558	2738	3571	3694	51.72082	49.06542	51.58781	51.06896
protein_co	X-prolyl_an	581	501	435	428	542	334	3.410503	3.771285	3.080914	3.899569
protein_co	zinc_finger_	141	115	139	266	155	417	1.084918	1.134711	1.290449	3.176801
protein_co	peptidylpro	14571	11898	12513	16017	16982	19179	305.288	319.6713	316.3223	520.8731
protein_co	zinc_finger_	2	1	4	3	2	1	0.014916	0.009564	0.035995	0.034729
protein_co	olfactory_r	0	1	0	0	0	0	0	0.060737	0	0
protein_co	zinc_finger_	38	48	41	60	79	76	0.5346	0.865956	0.695948	1.310167
protein_co	zinc_finger_	56	36	42	204	188	223	0.522763	0.430952	0.473058	2.955819
pseudogen	-	0	0	1	0	0	0	0	0	0.319636	0
protein_co	GTF2I_repe	53	35	28	6	9	19	0.698474	0.591496	0.445226	0.122732
protein_co	glutamate_	4	1	0	8	7	9	0.044278	0.014195	0	0.13745
protein_co	suppressor_	131	92	85	217	184	211	2.571198	2.315589	2.012942	6.610807
pseudogen	beclin_1_a	0	0	0	2	3	0	0	0	0	0.110022
protein_co	NIF3_NGG1	368	257	271	539	561	610	10.27115	9.198427	9.126168	23.35019
processed_	-	142	108	126	103	126	58	1.650566	1.609821	1.767108	1.858284
protein_co	ATPase_Ca+	36	30	31	114	141	74	0.477387	0.510151	0.495996	2.346408
protein_co	isoleucyl-tF	4416	3557	3964	4143	4676	5180	44.47301	45.93679	48.16695	64.76089
protein_co	hippocamp	181	144	127	123	231	111	10.79783	11.01615	9.141335	11.38921
protein_co	POM121_t	1699	1417	1526	1362	1909	1871	11.36302	12.15289	12.31411	14.13865
protein_co	zinc_finger_	361	307	329	1441	1753	1265	1.817208	1.981733	1.998212	11.2588
protein_co	histone_clu	1	7	7	4	8	30	0.100407	0.901303	0.848027	0.623382
protein_co	serine/thre	0	0	0	2	1	7	0	0	0	0.039003
protein_co	chorionic_	9	11	11	8	18	1	0.124634	0.195342	0.183795	0.171955
protein_co	neuroligin_	98	78	83	327	393	265	1.174347	1.198601	1.200043	6.082033
protein_co	alcohol_de	1	0	0	0	0	0	0.018637	0	0	0
protein_co	zinc_finger_	114	97	95	103	106	134	1.537378	1.677478	1.545779	2.155973
protein_co	CD55_mole	113	97	83	210	230	203	1.919772	2.113257	1.701365	5.537594
protein_co	copine_IV	4	1	1	47	46	33	0.034535	0.011072	0.010417	0.629838
protein_co	Uncharacte	11	10	14	11	8	2	0.272041	0.31714	0.417752	0.422246
protein_co	zinc_finger_	62	57	64	24	20	35	1.154101	1.360619	1.437409	0.693416
protein_co	netrin_G2	24	27	22	42	75	14	0.234841	0.338795	0.259737	0.637886
protein_co	ELAV_(emb	0	0	0	34	45	9	0	0	0	0.523264
protein_co	WD_repeat	1306	1037	997	1391	1777	1888	19.43458	19.78883	17.90091	32.12844
protein_co	lon_peptid	3668	2641	2970	4171	5260	4548	53.14975	49.07379	51.92498	93.80858
protein_co	chromosor	19	8	8	15	31	19	0.346388	0.187029	0.175974	0.424455

protein_co	transforma	4359	3306	3721	2257	2728	2210	16.12318	15.68108	16.60625	12.95764
protein_co	nudix_(nuc	249	188	239	700	945	781	4.895436	4.739791	5.669411	21.36095
pseudogen	SLIT-ROBO_	343	249	274	153	163	104	12.05643	11.22363	11.62046	8.347309
protein_co	fucosyltran	255	170	200	185	236	126	1.977337	1.690436	1.871192	2.226602
protein_co	ankyrin_rep	323	254	260	694	771	310	5.448013	5.493873	5.291234	18.16877
protein_co	histone_clu	2	1	0	8	9	18	0.210269	0.13482	0	1.305467
protein_co	solute_carr	3	6	3	337	386	329	0.028992	0.074357	0.034981	5.054986
protein_co	zinc_finger_	48	26	63	65	87	62	1.094709	0.760396	1.733588	2.300918
protein_co	zinc_finger_	13	6	1	1	1	3	0.193699	0.114642	0.017978	0.023127
protein_co	zinc_finger_	201	172	206	185	224	299	2.6549	2.913331	3.282973	3.79275
protein_co	inhibitor_c	41	35	33	29	38	11	1.238718	1.35602	1.202959	1.359932
protein_co	zinc_finger_	32	17	17	26	34	12	0.468607	0.31924	0.30037	0.590967
protein_co	protein_tyr	1315	1040	1132	734	877	877	17.47248	17.72031	18.14777	15.13754
protein_co	HDCMB45P	1	0	0	1	0	0	0.03947	0	0	0.061262
protein_co	Enah/Vasp-	1574	1203	1239	1308	1651	1178	19.92573	19.5292	18.92469	25.70086
protein_co	SPANX_fam	0	0	0	0	0	1	0	0	0	0
protein_co	thioesteras	45	37	46	60	67	35	0.843009	0.888854	1.039742	1.744622
protein_co	NADPH_oxi	0	0	0	1	0	0	0	0	0	0.044981
protein_co	zinc_finger_	39	30	28	52	52	50	0.440123	0.43415	0.381255	0.910842
protein_co	EPH_recept	4269	3198	3466	3514	4609	4487	39.57562	38.01801	38.76843	50.56311
protein_co	proteinase_	1	0	0	25	64	39	0.045043	0	0	1.747834
protein_co	zinc_finger_	140	124	109	209	207	351	1.43677	1.631888	1.349689	3.32917
protein_co	zinc_finger_	106	89	108	102	146	232	2.215935	2.38589	2.724099	3.309648
protein_co	X-ray_repai	6259	5173	5427	9002	9264	9927	108.3369	114.8215	113.339	241.8471
protein_co	S100_calci	26	17	30	1	4	0	1.717099	1.439728	2.390514	0.102507
lincRNA	long_interg	5	1	10	27	36	18	0.054485	0.013974	0.131479	0.456671
protein_co	protein_ph	445	369	416	1263	1701	720	4.23075	4.498762	4.771981	18.63765
protein_co	TSC22_don	1893	1327	1331	850	1059	804	18.34321	16.48941	15.56148	12.78422
protein_co	crystallin_b	2	3	6	7	11	3	0.115635	0.222428	0.418561	0.628186
protein_co	acetylserot	0	0	5	1	7	0	0	0	0.203802	0.052435
protein_co	nuclear_po	26	26	40	17	34	26	0.85374	1.0948	1.584748	0.866426
protein_co	zinc_finger_	90	95	104	126	96	106	1.039178	1.406632	1.448868	2.258127
protein_co	armadillo_	391	326	377	310	421	362	2.470889	2.641821	2.874524	3.040666
protein_co	yrdC_doma	243	201	204	239	290	371	6.240019	6.618888	6.320593	9.525943
protein_co	zinc_finger_	660	490	478	545	695	627	9.572351	9.113393	8.364705	12.26879
protein_co	phosphoin	567	494	480	595	773	623	5.301424	5.923055	5.415003	8.634892
protein_co	zinc_finger_	639	460	472	1624	2026	1333	11.60446	10.71251	10.34223	45.7763
protein_co	zinc_finger_	307	246	285	251	325	223	2.316208	2.380037	2.594372	2.939297
protein_co	trafficking_	159	140	124	100	114	142	2.398814	2.708549	2.257195	2.341692
protein_co	RFX_family	385	338	326	0	3	1	9.267278	10.4332	9.467975	0
protein_co	myosin_ligh	691	525	604	518	602	454	24.82835	24.19015	26.18514	28.88884
protein_co	zinc_finger_	44	42	32	35	44	29	0.506173	0.619591	0.444165	0.624949
protein_co	fibroblast_	10	6	9	9	18	14	0.42396	0.326201	0.460379	0.592241
protein_co	siah_E3_ub	193	125	115	123	248	239	2.699813	2.24231	1.940985	2.670619
protein_co	chromosor	204	194	188	259	288	218	6.073374	7.406464	6.75314	11.96823
protein_co	estrogen-re	0	0	0	24	16	18	0	0	0	0.315748
protein_co	importin_4	0	1	2	1	2	4	0	0.016492	0.031034	0.019962
protein_co	nuclear_rec	17355	12219	14218	7169	10799	6674	93.45157	84.37368	92.37374	59.91713
protein_co	sulfotransfe	18	11	16	26	35	36	0.106193	0.083219	0.113891	0.238082
protein_co	ADP-ribosy	64	57	59	11	20	21	2.385502	2.724482	2.653382	0.636389
protein_co	PRP40_pre	2199	1766	1879	2642	2260	2938	12.81202	13.19449	13.20892	23.89218
protein_co	ganglioside	149	162	149	120	135	146	2.410839	3.361293	2.908817	3.013656
protein_co	transcriptic	658	472	533	132	161	117	25.26915	23.24428	24.69676	7.868087
protein_co	anaphase_p	657	596	636	818	940	1006	10.11716	11.76925	11.81676	19.55136
protein_co	thiamin_py	53	33	25	32	24	26	0.561113	0.448021	0.319347	0.525842
protein_co	solute_carr	635	402	516	256	381	394	9.512831	7.722741	9.326824	5.952597
protein_co	actin_filam	2624	1961	2189	815	958	766	15.83926	15.17952	15.94281	7.635883
protein_co	nascent_pc	6575	5450	5602	8820	7458	8906	46.50805	49.43542	47.81053	96.83479
protein_co	histone_clu	0	2	0	0	1	0	0	0.262003	0	0
protein_co	chromosor	2	0	0	2	0	0	0.056324	0	0	0.087423
protein_co	myosin_XV	1028	795	934	1046	1377	868	6.344996	6.292377	6.955577	10.02075
protein_co	serine_palr	0	0	0	127	191	120	0	0	0	2.978741
protein_co	chromosor	270	190	216	170	275	174	6.618037	5.972118	6.388034	6.467625
protein_co	mannosida	632	443	456	451	649	279	4.727902	4.249761	4.115895	5.236709
protein_co	membrane_	1165	937	998	191	164	191	9.716626	10.02163	10.04311	2.472597

protein_co	family_witl	50	50	31	192	159	96	0.97769	1.253749	0.731376	5.82724
processed_	long_interg	0	0	0	4	1	1	0	0	0	0.25492
protein_co	calcium_ch	454	354	385	1526	2284	1552	2.633358	2.633096	2.694405	13.73849
processed_	long_interg	13	11	11	7	11	10	0.222633	0.241573	0.227294	0.18607
protein_co	sulfatase_2	6938	5015	5519	501	746	633	66.18981	61.35319	63.52802	7.418653
protein_co	hemoglobi	1	2	0	0	2	3	0.026462	0.067867	0	0
protein_co	laminin_al	608	473	470	267	259	227	2.957379	2.950352	2.758349	2.015789
protein_co	plexin_B2	8146	5870	6371	3514	4277	2835	59.84115	55.29718	56.46914	40.06709
protein_co	adherens_j	0	0	0	532	824	417	0	0	0	13.25081
protein_co	X-ray_repai	239	199	231	346	507	532	2.370286	2.530844	2.764159	5.326102
protein_co	myosin_VI	925	834	792	1157	1496	972	5.00557	5.78745	5.171125	9.717972
protein_co	megakaryo	1602	1148	1288	763	1022	647	16.67432	15.32275	16.17519	12.32652
protein_co	histone_de	3665	3085	3237	4900	5404	5484	17.40449	18.78676	18.54719	36.11718
pseudogen	ankyrin_re	1	2	7	3	4	4	0.01677	0.043011	0.141641	0.07809
protein_co	zinc_finger	62	37	42	55	82	54	0.69005	0.52808	0.564009	0.950128
protein_co	POTE_anky	0	0	1	3	4	5	0	0	0.014035	0.054165
protein_co	zinc_finger	171	167	142	63	90	52	3.977278	4.98099	3.984981	2.274369
protein_co	matrix_me	2912	2627	2600	1	0	0	69.31154	80.18324	74.66818	0.036944
protein_co	UDP_glucu	0	0	0	1	0	0	0	0	0	0.035041
protein_co	RIMS_bindi	41	34	22	14	19	15	0.332381	0.35346	0.21519	0.176161
protein_co	transcriptic	10042	7780	8173	1764	2028	1831	56.51339	56.14616	55.49587	15.40849
protein_co	WNK_lysin	179	154	143	401	416	369	0.740086	0.816505	0.713367	2.57338
protein_co	ACN9_hom	165	105	91	247	345	226	3.755754	3.064868	2.499209	8.72651
protein_co	histamine_	793	717	687	3	1	0	7.89297	9.151574	8.250344	0.046347
protein_co	RAB_memb	4596	3279	3730	4173	5865	4678	54.57243	49.92798	53.43799	76.90811
protein_co	zinc_finger	93	76	87	99	79	107	1.218433	1.276855	1.375264	2.013188
protein_co	Golgin_sub	15	8	7	16	26	12	0.107464	0.073497	0.060509	0.177919
protein_co	zinc_finger	456	365	384	499	578	495	3.800542	3.901062	3.861535	6.455229
protein_co	zinc_finger	0	0	0	0	1	1	0	0	0	0
protein_co	trafficking_	825	685	625	583	604	651	20.10617	21.40796	18.37822	22.05334
pseudogen	-	85	69	73	89	71	125	9.017311	9.386778	9.343918	14.65476
protein_co	tetratricop	101	58	63	65	61	54	1.709708	1.259035	1.286735	1.707829
protein_co	solute_carr	3	3	3	7	9	3	0.03854	0.049422	0.0465	0.139578
protein_co	tectonin_b	1239	917	958	676	857	644	6.688548	6.348034	6.23985	5.664189
protein_co	toll-like_re	1	0	1	2	1	0	0.009357	0	0.01129	0.029048
protein_co	family_witl	0	1	0	3	2	0	0	0.041902	0	0.152153
processed_	long_interg	18	23	13	92	119	33	0.528504	0.86599	0.460539	4.1927
protein_co	ZFP62_zinc	314	248	240	427	461	300	3.662554	3.7095	3.377642	7.730591
pseudogen	-	9	7	3	2	2	3	1.212673	1.209507	0.48772	0.418275
protein_co	ERI1_exoril	118	102	89	108	123	169	1.438643	1.594706	1.30921	2.043739
protein_co	translocase	856	676	647	2450	2449	2283	51.59107	52.24646	47.0493	229.1909
protein_co	hematopoi	0	4	0	24	29	23	0	0.097219	0	0.706029
protein_co	transient_r	12	8	5	3	4	4	0.134935	0.115357	0.067836	0.05236
protein_co	zinc_finger	118	80	80	212	215	307	0.930702	0.809148	0.761319	2.595344
processed_	pyridoxal-d	53	50	60	26	35	23	0.59397	0.718568	0.811312	0.452265
protein_co	zinc_finger	1112	810	889	625	938	1208	8.798802	8.218889	8.48728	7.675899
protein_co	archaelysin	720	630	636	806	904	585	14.05529	15.77093	14.98003	24.42153
protein_co	zinc_finger	147	114	116	393	488	530	1.793607	1.78371	1.707718	7.442743
protein_co	family_witl	0	0	0	11	12	7	0	0	0	0.657829
protein_co	neurofibro	2478	2197	2170	752	824	527	9.351587	10.63221	9.880792	4.404862
protein_co	vitamin_K_	977	922	928	700	967	833	7.765985	9.398147	8.900164	8.636355
protein_co	zinc_finger	107	99	94	192	239	209	1.358211	1.611492	1.439658	3.782816
protein_co	death-assoc	430	317	321	2307	2603	2130	3.353744	3.170517	3.020748	27.92798
protein_co	major_hist	1	1	2	5	4	1	0.008604	0.011033	0.020762	0.06677
protein_co	collagen_ty	6138	5048	5363	822	1203	950	36.9462	38.96473	38.94922	7.679717
protein_co	chromoson	38	23	38	18	26	20	1.439274	1.117113	1.736566	1.058188
protein_co	GM2_gangl	836	666	665	996	970	696	10.06162	10.27886	9.656753	18.60592
protein_co	histone_clu	11	11	11	6	12	17	0.971356	1.245627	1.171997	0.822371
protein_co	colipase-lik	0	0	0	33	33	28	0	0	0	4.514537
protein_co	S100_calci	72	62	56	4	8	6	3.382847	3.735518	3.174577	0.291703
processed_	-	274	156	249	287	332	555	6.009291	4.387394	6.589009	9.769786
protein_co	zinc_finger	155	132	133	90	115	113	2.33471	2.549673	2.417135	2.104138
protein_co	POU_class_	0	0	0	121	116	91	0	0	0	5.843634
protein_co	olfactory_r	0	0	0	1	5	3	0	0	0	0.078258
protein_co	ankyrin_re	1	0	0	1	2	0	0.013355	0	0	0.020729

protein_co	CD47_mole	1808	1524	1551	268	330	233	12.47457	13.48408	12.9118	2.870069
protein_co	transducin-	1123	890	893	2941	3986	2846	13.5262	13.7466	12.97763	54.98212
protein_co	mastermin	523	419	479	252	280	212	3.583209	3.681237	3.959624	2.679794
protein_co	histone_clu	99	65	82	68	80	86	2.073297	1.745617	2.071993	2.210374
protein_co	striatin_cal	679	620	609	427	506	443	8.019728	9.390548	8.678711	7.827953
protein_co	zinc_finger_	36	38	31	60	67	187	0.706589	0.956439	0.734132	1.827873
protein_co	Uncharacte	2	2	1	2	5	2	0.069467	0.089081	0.041908	0.107822
antisense	CTBP1_anti	258	217	216	170	182	209	2.140415	2.308593	2.162121	2.18906
protein_co	cholinergic	7	8	8	13	24	13	0.145106	0.212661	0.20009	0.418275
protein_co	zinc_finger_	25	24	32	64	79	88	0.882719	1.086683	1.363265	3.50746
protein_co	multivesicu	2052	1541	1610	284	302	212	19.96645	19.22806	18.90155	4.28916
protein_co	chromosor	2704	2140	2309	2103	2738	1947	28.69864	29.1258	29.56832	34.64371
protein_co	adenosine_	327	281	343	322	409	174	8.662732	9.54603	10.9635	13.24017
protein_co	AT_rich_int	693	540	610	500	575	556	10.55368	10.54566	11.20853	11.81874
protein_co	prostate_ar	0	0	0	1	0	5	0	0	0	0.043923
protein_co	PTC7_prote	454	416	430	404	565	418	3.073645	3.611608	3.512484	4.245313
protein_co	translocase	1	4	2	0	5	4	0.075629	0.387934	0.182502	0
protein_co	RANBP2-lik	4	1	4	0	1	1	0.034327	0.011005	0.041417	0
protein_co	NHL_repeat	560	462	510	440	536	437	2.376112	2.513797	2.610941	2.897757
protein_co	ZFP28_zinc	132	123	116	84	74	45	1.514802	1.810075	1.606157	1.496207
protein_co	KIAA1211-l	490	343	369	12	28	3	5.880755	5.278864	5.343323	0.223537
protein_co	COBW_dor	16	16	14	23	30	25	0.341795	0.438304	0.360846	0.762613
protein_co	sodium_ch	559	467	561	311	343	209	3.096093	3.316869	3.748979	2.673579
protein_co	laminin_be	98	70	85	3	9	5	1.067415	0.97772	1.117054	0.050718
protein_co	histone_clu	0	2	0	0	1	7	0	0.266061	0	0
protein_co	karyopheri	154	109	94	264	202	160	1.418955	1.287905	1.045018	3.775568
pseudogen	ankyrin_rep	112	90	99	21	23	22	0.877327	0.904056	0.935679	0.255325
protein_co	Rho_guanir	3649	2940	3102	1055	1328	940	17.71239	18.30037	18.16741	7.948519
protein_co	hydroxycar	4	4	1	1	0	2	0.051927	0.066589	0.015663	0.020149
pseudogen	zinc_finger_	224	168	150	140	171	272	2.016001	1.938926	1.628853	1.955695
protein_co	PDZ_and_L	6695	5003	5351	738	982	1142	164.8785	157.9986	158.9998	28.20982
protein_co	filamin_A_a	74202	55274	62453	31802	37852	32108	410.0086	391.6585	416.3693	272.7484
protein_co	transmemb	56	37	34	23	25	29	0.509773	0.431917	0.373436	0.324973
pseudogen	ribosomal_	1	0	0	3	1	2	0.134741	0	0	0.627412
protein_co	RIMS_bindi	11	11	3	6	5	5	0.089175	0.114355	0.029344	0.075498
protein_co	SLIT-ROBO_	620	449	523	297	378	227	3.25079	3.018929	3.30862	2.417041
protein_co	family_witl	1629	1291	1333	654	738	831	30.45608	30.95198	30.06984	18.97846
protein_co	NOP9_nucl	562	367	476	463	584	582	4.368008	3.657821	4.463773	5.585455
protein_co	olfactory_r	0	0	0	1	0	1	0	0	0	0.069513
protein_co	solute_carr	759	680	708	1699	1545	1804	6.551827	7.527294	7.37398	22.76379
processed_	-	5	3	1	2	0	4	0.118111	0.090876	0.028502	0.07333
protein_co	caspase_4_	201	175	193	2	1	4	1.986279	2.217643	2.301174	0.030676
protein_co	Putative_U	29	35	35	0	0	0	0.52665	0.815082	0.766903	0
protein_co	adaptor-rel	4287	3322	3648	3478	4530	3151	59.3322	58.95844	60.91719	74.71315
protein_co	protocadhe	539	423	471	107	118	129	5.250046	5.283528	5.535327	1.617665
protein_co	histone_clu	32	25	31	4	8	40	3.247793	3.253777	3.796192	0.630128
protein_co	zinc_finger_	79	58	60	106	111	107	0.565803	0.532691	0.518486	1.17835
protein_co	fucosyltran	722	556	589	166	215	140	14.05922	13.88379	13.83844	5.017212
processed_	nuclear_RN	2	0	0	0	0	1	0.025928	0	0	0
lincRNA	long_interg	155	112	111	115	196	175	2.695828	2.497974	2.329333	3.10448
protein_co	annexin_A4	409	359	367	69	83	62	4.340882	4.886056	4.699685	1.13667
protein_co	L_antigen_f	406	310	313	827	1144	789	20.06043	19.64198	18.65978	63.42349
protein_co	Uncharacte	12	10	15	0	1	0	0.172707	0.18456	0.260477	0
protein_co	WD_repeat	163	126	124	43	54	94	1.833751	1.817743	1.683148	0.750847
protein_co	Putative_lu	0	0	0	7	10	2	0	0	0	0.366253
protein_co	family_witl	42	30	41	52	69	9	2.428336	2.224283	2.860167	4.666522
protein_co	Uncharacte	3	4	3	2	3	1	0.06626	0.113292	0.079947	0.068563
protein_co	WD_repeat	127	92	106	63	85	87	1.93408	1.796668	1.947711	1.489161
protein_co	methyltran	3376	2770	2940	1691	2086	1747	28.25285	29.72685	29.68624	21.96513
protein_co	zinc_finger_	74	41	46	240	232	198	1.343866	0.954811	1.007929	6.76497
protein_co	zinc_finger_	14	13	7	148	141	153	0.293981	0.350062	0.177353	4.82374
protein_co	zinc_finger_	176	154	134	137	199	189	1.154054	1.294922	1.060148	1.394327
protein_co	SERTA_dor	325	280	265	115	132	95	7.20873	7.964211	7.09201	3.959166
protein_co	zinc_finger_	70	90	76	204	177	385	0.571332	0.941981	0.748431	2.584348
protein_co	chromosor	569	425	462	332	394	325	16.1406	15.45987	15.81239	14.6176

protein_co	zinc_finger_	419	390	375	2154	2887	2544	3.620217	4.321102	3.909308	28.88662
protein_co	zinc_finger_	372	243	256	359	458	763	3.048425	2.553572	2.531166	4.566227
protein_co	annexin_A6	8774	7084	7480	1553	1755	1572	158.6629	164.2728	163.2028	43.58929
protein_co	zinc_finger_	71	57	51	21	14	5	0.764277	0.786822	0.662385	0.350867
protein_co	glia_matur	1186	904	944	795	721	1095	8.274299	8.087686	7.946329	8.608829
protein_co	sialic_acid_	54	57	53	10	16	5	0.981419	1.328449	1.16221	0.282092
pseudogen	-	14	8	13	0	2	0	1.971352	1.44456	2.208653	0
protein_co	zinc_finger_	37	28	39	57	30	89	0.490787	0.476276	0.624171	1.173536
protein_co	zinc_finger_	1	2	1	16	21	9	0.01789	0.045883	0.021585	0.444287
protein_co	zinc_finger_	246	214	254	356	411	253	2.744455	3.061569	3.419029	6.164551
protein_co	death_dom	0	0	0	0	1	1	0	0	0	0
protein_co	histone_clu	18	12	4	12	26	18	2.033784	1.738693	0.545306	2.104476
pseudogen	-	258	209	252	101	110	115	4.308271	4.475473	5.077289	2.617792
protein_co	v-maf_musc	1657	1296	1373	810	1049	1004	15.41602	15.46195	15.41234	11.69675
pseudogen	-	0	0	0	1	1	0	0	0	0	0.075576
protein_co	arrestin_do	507	340	366	571	809	489	7.464125	6.418879	6.501298	13.04781
pseudogen	-	1	1	1	0	0	2	0.127073	0.162953	0.153321	0
protein_co	KIAA1671	1012	910	951	681	851	488	4.523613	5.216217	5.129009	4.72479
protein_co	insulin-like	7071	5632	6144	2450	3002	2937	36.47116	37.25124	38.23561	19.61396
protein_co	late_cornif	0	0	0	0	1	0	0	0	0	0
processed_	NPSR1_ant	0	0	0	4	2	0	0	0	0	0.061418
protein_co	galactose-3	174	142	141	162	265	86	2.580286	2.700326	2.522817	3.728756
antisense	-	0	0	0	0	1	2	0	0	0	0
protein_co	dynein_cyt	16987	13242	14682	8673	9594	6942	55.57251	55.55283	57.95308	44.03957
protein_co	solute_carr	38	30	44	8	5	0	0.27724	0.280674	0.387323	0.090593
protein_co	poly(rC)_bi	2204	1718	1746	2162	2552	2652	32.63202	32.61856	31.19066	49.68422
protein_co	zinc_finger_	693	539	625	470	691	581	7.678351	7.658308	8.355314	8.082823
protein_co	solute_carr	1485	1147	1312	2184	3191	2158	13.47101	13.34279	14.36004	30.75084
protein_co	post-GPI_at	1068	777	876	459	521	442	5.600373	5.224877	5.5424	3.735845
protein_co	v-src_sarco	1230	951	983	965	1380	1031	12.45405	12.34797	12.00901	15.16573
protein_co	zinc_finger_	52	28	40	164	169	213	0.64693	0.446706	0.60043	3.166858
protein_co	zinc_finger_	133	115	151	153	175	201	1.150835	1.276052	1.576472	2.054864
protein_co	pecanex-lik	3066	2200	2449	1272	1811	2149	20.23431	18.61866	19.50083	13.02968
protein_co	ADAM_met	11	5	4	0	0	3	0.075068	0.043756	0.032936	0
protein_co	acyl-CoA_sy	10	3	5	3	0	8	0.138728	0.05337	0.083692	0.064597
pseudogen	-	6	19	16	45	40	6	0.122428	0.497157	0.393911	1.425192
protein_co	leucine_ric	245	194	190	439	486	480	1.51298	1.536307	1.415692	4.207867
pseudogen	-	1	3	6	11	12	5	0.053163	0.204523	0.384867	0.907685
protein_co	ATP-bindin	1090	914	983	320	424	420	10.91397	11.73577	11.87566	4.973209
protein_co	histone_clu	10	7	10	16	20	38	0.898276	0.806338	1.083822	2.230799
protein_co	staphyloco	8726	6753	7295	5811	6585	4876	117.7107	116.8172	118.7337	121.6696
protein_co	zinc_finger_	206	143	155	67	107	83	2.943127	2.619915	2.671908	1.485755
protein_co	sulfotransfe	0	0	0	1	3	8	0	0	0	0.036554
protein_co	NIMA-relat	21	12	18	9	18	4	0.337454	0.247278	0.348992	0.224475
protein_co	proteasom	1229	963	961	877	1160	1489	13.0794	13.1423	12.33978	14.48658
pseudogen	olfactory_r	0	0	0	1	0	0	0	0	0	0.077179
protein_co	G_protein-	0	0	0	15	20	9	0	0	0	0.254891
pseudogen	-	18	21	16	8	16	5	3.309884	4.951866	3.549836	2.283288
protein_co	piwi-like_R	0	3	1	142	185	52	0	0.035177	0.011033	2.015353
protein_co	hsa-mir-47	113	89	73	10	7	3	1.161968	1.173586	0.905704	0.159605
protein_co	chromosor	2811	2294	2477	595	781	403	22.00097	23.02416	23.39134	7.228173
protein_co	chromosor	11	9	14	34	47	31	0.397679	0.417246	0.610684	1.907875
protein_co	solute_carr	49	26	38	4	11	5	1.043894	0.710302	0.976769	0.132267
processed_	-	0	0	0	0	1	0	0	0	0	0
protein_co	zinc_finger_	1	1	1	0	1	0	0.022773	0.029203	0.027477	0
protein_co	ectonucleo	2382	1883	2137	614	724	533	19.05682	19.31827	20.6282	7.624432
protein_co	C1D_nuclea	262	187	209	204	249	272	5.50165	5.0355	5.295244	6.648938
protein_co	TBC1_dom	4116	2969	3294	2119	2341	2158	37.30897	34.51099	36.02546	29.81257
protein_co	histone_clu	1	4	4	13	16	33	0.125374	0.643099	0.605086	2.529779
protein_co	solute_carr	1	0	0	0	0	0	0.030468	0	0	0
protein_co	family_witl	70	58	58	40	55	34	2.153741	2.288404	2.153136	1.910231
protein_co	serpin_pep	21	18	16	0	0	3	0.278791	0.306437	0.256288	0
antisense	long_interg	0	0	0	1	0	0	0	0	0	0.034542
polymorph	tryptase_be	1	0	0	3	4	6	0.03872	0	0	0.180297
protein_co	KN_motif_a	6048	4492	4678	906	1194	862	54.2135	51.63507	50.59457	12.60533

pseudogen	eukaryotic_	22	28	24	47	69	44	0.564322	0.921025	0.742786	1.871253
protein_co	chromosor	30	18	16	92	147	387	0.772912	0.59469	0.497367	3.678979
protein_co	general_tra	878	678	719	590	740	398	23.36517	23.13734	23.08615	24.37008
protein_co	RAD54_hor	66	64	72	98	111	97	1.008716	1.254337	1.327717	2.324779
protein_co	zinc_finger_	7	6	5	102	83	75	0.155781	0.171229	0.134256	3.523275
protein_co	synaptic_R	787	579	733	945	1340	1211	6.237736	5.884914	7.009778	11.62558
pseudogen	-	3	6	9	13	7	10	0.038455	0.098627	0.139196	0.258649
lincRNA	RAMP2_ant	19	7	3	9	14	16	0.285731	0.134993	0.054434	0.210076
protein_co	fat_storage	367	287	316	70	86	57	3.743449	3.754025	3.889028	1.108241
protein_co	Bloom_syn	387	332	367	659	733	768	3.98385	4.382677	4.558334	10.5295
protein_co	Uncharacte	372	390	341	52	42	44	3.778013	5.07919	4.178524	0.819699
protein_co	zinc_finger_	247	198	209	236	209	255	1.932238	1.98627	1.972686	2.865538
lincRNA	GATA3_ant	0	0	0	1	0	2	0	0	0	0.032873
protein_co	DNA-damag	680	477	578	861	998	1114	3.000961	2.699474	3.077707	5.897733
pseudogen	-	0	0	0	10	6	5	0	0	0	0.358168
protein_co	supervillin	1501	1205	1189	492	677	528	8.804343	9.063848	8.414846	4.479317
protein_co	chromosor	0	0	0	8	11	4	0	0	0	0.145669
protein_co	tripartite_r	1078	841	925	1305	1587	1387	6.061571	6.064175	6.275614	11.38957
protein_co	low_densit	4741	3445	3674	686	817	631	32.2837	30.08236	30.18565	7.2505
protein_co	pellino_E3_	774	607	705	645	743	800	9.6781	9.73301	10.63619	12.51813
lincRNA	zinc_finger_	3	3	5	12	14	9	0.041606	0.053354	0.083667	0.258313
pseudogen	-	1	1	1	0	0	0	0.205658	0.263727	0.248138	0
protein_co	zinc_finger_	815	657	758	471	626	657	7.821401	8.085402	8.776961	7.015818
protein_co	mitochond	515	421	412	597	574	816	10.57747	11.08832	10.20986	19.03177
protein_co	UDP-N-acte	761	559	610	555	813	342	8.087784	7.61844	7.822089	9.155211
pseudogen	BCL2/adeno	2	2	0	12	11	5	0.059167	0.075874	0	0.551014
protein_co	zinc_finger_	0	1	0	0	0	0	0	0.025718	0	0
protein_co	F-box_and_	4	2	1	7	6	9	0.12291	0.078807	0.037074	0.333852
protein_co	zinc_finger_	210	146	156	269	323	334	3.131967	2.792287	2.807182	6.227025
protein_co	zinc_finger_	179	111	130	233	264	219	2.630308	2.091635	2.304862	5.314226
protein_co	zinc_finger_	91	61	78	289	331	463	1.009461	0.867735	1.043977	4.975955
protein_co	solute_carr	106	70	62	94	121	31	0.476315	0.403362	0.336146	0.655611
protein_co	olfactory_r	0	0	1	0	0	0	0	0	0.025611	0
protein_co	dapper_ant	1657	1113	1178	67	60	36	25.18534	21.69351	21.60322	1.580631
protein_co	adenosine_	900	671	797	354	474	322	6.005552	5.741724	6.416775	3.666437
protein_co	zinc_finger_	9	11	18	37	45	67	0.13622	0.213502	0.328715	0.869223
protein_co	huntingtin	2997	2402	2644	3063	3760	3484	9.7333	10.00359	10.36055	15.44013
protein_co	complemer	22	13	17	1	0	3	0.446378	0.338246	0.416176	0.031493
protein_co	deiodinase_	2	1	0	4	3	16	0.044615	0.028606	0	0.138496
protein_co	cytochrom	0	0	0	104	177	129	0	0	0	2.478422
protein_co	histone_clu	3	2	6	0	1	31	0.162624	0.139028	0.392431	0
protein_co	dachsous_2	40	23	29	14	23	20	0.210458	0.155182	0.184099	0.114331
protein_co	golgin_A6_	0	0	0	0	0	1	0	0	0	0
protein_co	ventricular	643	545	620	55	65	50	7.175222	7.798843	8.347647	0.952615
protein_co	fatty_acid_	0	0	0	1	0	0	0	0	0	0.132087
protein_co	sedoheptul	81	49	64	117	121	141	0.989602	0.767681	0.943416	2.218665
pseudogen	gamma-glu	1	0	1	0	0	2	0.020038	0	0.024178	0
protein_co	intracisterr	475	372	347	146	225	76	7.154757	7.185443	6.306361	3.41338
protein_co	oligodendr	0	0	0	1	0	0	0	0	0	0.020055
protein_co	olfactory_r	0	0	0	1	1	0	0	0	0	0.069579
protein_co	mitogen-ac	399	292	302	17	27	16	3.599984	3.378468	3.287628	0.238071
protein_co	oxoglutarat	223	176	219	799	986	733	2.823022	2.857139	3.345042	15.69953
protein_co	chromosor	1	2	4	0	0	0	0.035849	0.091942	0.173014	0
protein_co	cytochrom	0	0	0	13	12	13	0	0	0	0.454874
protein_co	glutathione	1081	800	900	280	318	221	18.82916	17.86918	18.91454	7.569964
protein_co	heterogene	6563	5076	5288	8206	12569	12470	171.347	169.9437	166.5764	332.534
protein_co	olfactory_r	0	0	0	0	0	2	0	0	0	0
protein_co	stathmin-li	926	724	733	887	1064	1042	19.25506	19.30553	18.39018	28.6278
protein_co	histone_clu	16	12	12	18	18	34	1.765271	1.697782	1.597426	3.082439
protein_co	platelet-de	632	442	416	3897	5153	3316	12.85661	11.53031	10.21059	123.0468
lincRNA	-	1	0	0	37	32	45	0.056022	0	0	3.217267
protein_co	glycophori	5	1	0	0	1	1	0.139222	0.035707	0	0
protein_co	collagen_ty	2437	1888	1984	132	223	114	36.43845	36.20059	35.79267	3.063436
protein_co	sialophorin	3	3	2	21	31	11	0.020524	0.026319	0.016509	0.22299
protein_co	zinc_finger_	13	12	11	78	79	70	0.182506	0.216035	0.186327	1.699648

pseudogen	ADAM_met	0	0	0	0	0	1	0	0	0	0
protein_co	protocadhe	35	21	40	17	13	13	0.501727	0.386037	0.691844	0.37825
protein_co	zinc_finger	471	350	382	428	558	557	5.740889	5.470608	5.617843	8.097155
protein_co	solute_carr	955	687	785	281	327	158	10.25182	9.457228	10.16753	4.682034
protein_co	zinc_finger	4	0	1	59	68	29	0.079745	0	0.024054	1.825684
protein_co	ribosome_	233	193	247	382	402	547	7.136103	7.580046	9.127466	18.1593
protein_co	Uncharacte	0	1	3	4	0	0	0	1.002163	2.828775	4.851987
protein_co	solute_carr	1	0	0	0	0	4	0.009595	0	0	0
protein_co	family_witl	0	0	0	0	1	1	0	0	0	0
protein_co	mindbomb	1284	965	1067	902	1304	720	14.17631	13.66264	14.21381	15.45735
protein_co	myosin_VA	1839	1548	1798	1026	1135	787	7.053639	7.613982	8.32088	6.108145
protein_co	chromosor	18	3	23	3	10	4	0.4168	0.089081	0.642586	0.107822
protein_co	granzyme_I	1	1	1	2	7	1	0.051414	0.065932	0.062035	0.159605
protein_co	autophagy_	490	421	416	242	262	206	4.633214	5.104788	4.745999	3.551666
pseudogen	PRAME_fan	0	0	0	0	0	1	0	0	0	0
pseudogen	-	10	12	5	0	0	0	0.143176	0.220323	0.086375	0
protein_co	signal-indu	1656	1284	1520	1649	2001	1584	9.915703	9.859106	10.98133	15.32549
protein_co	tetratricop	95	66	91	54	44	64	0.95407	0.849982	1.102671	0.841745
processed_	SCO-spondi	84	66	82	22	43	15	0.25276	0.254673	0.297708	0.10275
protein_co	elastase_ne	0	0	0	1	21	7	0	0	0	0.071144
protein_co	RAB40C_m	1003	812	875	626	771	484	17.30979	17.97033	18.21994	16.76855
protein_co	phosphatid	365	371	343	280	277	283	3.111226	4.055291	3.527613	3.70448
protein_co	collagen_ty	15	13	20	359	439	344	0.104978	0.11667	0.168882	3.899694
protein_co	zinc_finger	56	62	61	19	26	26	0.619156	0.879049	0.813748	0.326059
protein_co	HERV-H_LT	73	36	52	85	82	38	3.811772	2.410549	3.276087	6.888957
protein_co	homeobox_	17	8	6	0	0	0	0.456285	0.275351	0.194306	0
protein_co	topoisome	515	422	421	585	649	754	5.892718	6.19199	5.812174	10.3895
protein_co	beta-carote	4	9	11	1	1	2	0.064014	0.184699	0.2124	0.02484
pseudogen	glutathione	11	11	14	10	10	20	0.851139	1.091465	1.307025	1.200987
protein_co	potassium_	9	3	5	11	8	9	0.165364	0.070685	0.110845	0.313706
processed_	-	2	0	0	1	1	0	0.172707	0	0	0.134033
protein_co	ectonucleo	1306	1067	1023	830	1054	927	22.13968	23.19541	20.92435	21.8392
protein_co	diencephal	2	0	1	84	86	49	0.03254	0	0.019631	2.121271
pseudogen	kallikrein_	0	0	0	0	0	1	0	0	0	0
protein_co	ectonucleo	4096	3528	3781	703	805	680	25.80778	28.5055	28.74388	6.875061
protein_co	chromosor	0	0	0	0	3	0	0	0	0	0
protein_co	coiled-coil_	12	16	16	2	1	8	0.219454	0.375225	0.353045	0.056771
protein_co	fatty_acyl_	1798	1438	1539	759	745	1055	14.48595	14.85681	14.96043	9.491386
protein_co	chromosor	619	531	499	131	113	113	2.579993	2.838126	2.509438	0.84748
protein_co	Uncharacte	4	1	3	12	25	31	0.108416	0.034757	0.098108	0.504831
protein_co	zinc_finger	355	249	242	141	170	186	4.294622	3.862827	3.53232	2.647562
protein_co	microfibril	369	317	323	0	3	5	6.081693	6.699875	6.423159	0
protein_co	myosin_he	0	0	0	5	0	2	0	0	0	0.061252
pseudogen	vomeronas	0	2	1	0	0	0	0	0.112182	0.052776	0
protein_co	zinc_finger	104	76	78	94	82	82	1.183057	1.108652	1.07057	1.659704
protein_co	chromosor	145	135	86	50	51	35	2.820013	3.36687	2.01804	1.509328
protein_co	CDC42_sm	1251	1006	966	989	1235	1025	18.44056	19.01621	17.18074	22.62786
protein_co	macrophag	32	29	29	0	2	0	0.337794	0.392563	0.369358	0
protein_co	serpin_pep	658	507	531	0	0	0	14.31723	14.14655	13.94041	0
protein_co	dipeptidyl-	79	90	112	58	69	70	0.94885	1.386189	1.623068	1.081257
protein_co	programme	43	39	36	0	0	0	0.853267	0.992409	0.861921	0
protein_co	zinc_finger	13	14	15	24	27	34	0.262519	0.36254	0.365475	0.752246
protein_co	dynein_axo	70	63	59	11	8	6	0.231703	0.267413	0.235631	0.056514
antisense	-	39	33	40	22	16	17	0.939245	1.019149	1.162311	0.822371
protein_co	TBC1_dom	16	15	20	11	13	4	0.221375	0.26614	0.333877	0.236228
pseudogen	chromobo	0	1	0	0	0	0	0	0.11978	0	0
protein_co	spectrin_al	12626	9950	10593	6123	6945	6428	75.20749	76.00247	76.13114	56.60959
protein_co	neuromedi	123	115	101	173	326	214	5.671064	6.799338	5.61861	12.38044
protein_co	histone_clu	0	5	2	6	5	6	0	0.604928	0.227668	0.878629
protein_co	zinc_finger	17	9	19	28	37	53	0.274116	0.186096	0.369647	0.700768
protein_co	parvin_alp	4037	3189	3413	185	204	246	42.46187	43.01344	43.31364	3.020247
protein_co	kelch-like_	396	353	377	186	241	137	4.306226	4.9225	4.946421	3.139388
protein_co	family_witl	3593	3073	3173	189	255	112	41.59897	45.62441	44.32446	3.396391
protein_co	ribulose-5-	797	640	657	499	554	635	14.54704	14.97979	14.46871	14.13668
protein_co	zinc_finger	76	94	88	118	133	109	1.063774	1.687224	1.486163	2.563587

protein_co	complemer	0	0	0	83	115	98	0	0	0	3.378481
protein_co	heat_shock	5	2	1	4	4	6	0.380601	0.195227	0.091843	0.472596
protein_co	PHD_finger	1378	1085	1159	482	540	381	11.61086	11.72342	11.78275	6.303659
pseudogen	-	1	1	0	1	4	0	0.072361	0.092793	0	0.112315
protein_co	ribosomal_	2874	2305	2321	3099	3110	4096	111.9285	115.1156	109.0629	187.3294
protein_co	chromosor	0	2	0	0	0	0	0	0.18732	0	0
pseudogen	prothymos	65	42	60	119	126	100	9.320646	7.723093	10.38083	26.48562
protein_co	prosaposin	13843	11077	11550	9696	10310	8132	226.4824	232.3998	227.9997	246.2222
protein_co	S100_calci	3126	2560	2644	793	837	902	121.9453	128.0635	124.4473	48.01529
protein_co	WD_repeat	1	5	4	9	19	3	0.00874	0.056039	0.042181	0.122091
protein_co	ribosomal_	14784	11264	11377	16061	16277	13782	222.7577	217.642	206.8315	375.6158
protein_co	homeobox_	228	190	203	0	1	17	3.632662	3.881978	3.902422	0
protein_co	thioredoxi	148	127	92	97	109	38	2.352448	2.588639	1.764389	2.393099
protein_co	complemer	7	8	12	33	44	8	0.24679	0.361683	0.510456	1.805815
protein_co	chromosor	6	9	8	17	30	3	0.233284	0.44873	0.375294	1.025918
protein_co	microtubul	77	69	55	7	2	3	3.054595	3.510115	2.632532	0.431014
protein_co	minichrom	1469	1236	1250	1348	1643	1813	16.74725	18.06964	17.19411	23.85295
protein_co	essential_m	133	94	117	76	121	253	1.111059	1.006984	1.179286	0.985438
protein_co	kelch_dom	36	32	24	0	1	1	0.627291	0.715033	0.504575	0
protein_co	zinc_finger_	190	165	143	108	105	75	1.123043	1.250651	1.019828	0.990825
protein_co	TAF13_RNA	759	599	650	231	310	356	33.07576	33.47374	34.17665	15.62466
protein_co	zinc_finger_	142	120	130	80	101	131	0.887784	0.962077	0.980642	0.776318
protein_co	ATPase_fam	2236	1510	1744	1545	2194	2098	40.14015	34.7611	37.77476	43.04931
protein_co	family_with	410	355	404	315	386	486	8.003708	8.886793	9.515614	9.544395
protein_co	zinc_finger_	65	82	78	54	79	58	0.916371	1.482454	1.326786	1.181632
lincRNA	-	26	32	37	11	14	8	2.127645	3.358034	3.653218	1.397169
pseudogen	-	24	13	30	3	1	3	1.585015	1.100968	2.390514	0.30752
protein_co	coiled-coil_	28	22	29	23	24	9	0.16653	0.16779	0.208104	0.212321
protein_co	solute_carr	257	223	200	278	357	320	1.911905	2.127391	1.795193	3.210025
protein_co	occludin	93	81	67	318	447	437	0.677349	0.756526	0.588779	3.594902
pseudogen	-	0	1	1	1	0	0	0	0.400865	0.37717	0.485199
protein_co	chromosor	11	3	5	0	0	0	0.154013	0.053864	0.084466	0
pseudogen	-	10	7	7	7	4	5	0.344021	0.30881	0.290557	0.373777
protein_co	histone_clu	32	20	21	19	40	81	0.782315	0.627005	0.61944	0.720968
protein_co	cytochrom	0	0	0	7	10	11	0	0	0	0.292961
protein_co	zinc_finger_	81	66	65	112	148	153	1.058259	1.105758	1.024633	2.2712
pseudogen	-	3	1	0	4	1	2	0.289445	0.123724	0	0.599011
protein_co	histone_clu	2	3	1	1	1	5	0.078477	0.150953	0.047344	0.060904
pseudogen	solute_carr	5	4	5	124	161	121	0.073357	0.075256	0.08851	2.823747
pseudogen	POM121_t	10	9	6	21	18	7	0.290521	0.335296	0.210318	0.946949
protein_co	family_with	64	46	63	539	661	465	0.501833	0.462537	0.59603	6.559919
protein_co	zinc_finger_	61	46	48	75	75	85	0.883897	0.85475	0.839192	1.6868
protein_co	glycosylph	1853	1411	1419	1360	1605	1404	41.8129	40.82923	38.63361	47.63259
protein_co	ADAMTS-lik	1270	831	913	6	27	10	13.94621	11.70208	12.09682	0.102267
protein_co	small_gluta	340	315	336	195	217	195	2.915086	3.463318	3.47584	2.595001
protein_co	zinc_finger_	64	45	43	47	44	61	0.988133	0.890958	0.801036	1.126326
polymorph	proline-rich	12	2	3	19	35	28	0.488014	0.104301	0.147204	1.19932
protein_co	family_with	476	410	406	126	133	93	4.779368	5.279061	4.918556	1.963652
protein_co	myosin_IC	7586	5974	6511	2582	3335	2076	69.13657	69.81835	71.59633	36.52429
protein_co	myelodysp	0	0	0	0	0	2	0	0	0	0
pseudogen	olfactory_r	1	2	1	0	0	0	0.051527	0.132153	0.062171	0
protein_co	NFKB_inhib	134	116	123	58	82	57	2.627881	2.917213	2.910409	1.765466
protein_co	UDP_glucu	0	0	0	0	0	1	0	0	0	0
protein_co	meiosis_ex	2	1	1	0	0	0	0.150048	0.096208	0.090521	0
protein_co	kinesin_fan	621	523	508	352	466	197	3.329754	3.596099	3.28649	2.929501
protein_co	nebulin-rel	3	0	2	0	2	2	0.02512	0	0.020206	0
protein_co	alcohol_de	2581	2085	2105	3503	3929	3844	46.33351	47.99794	45.59397	97.6063
protein_co	solute_carr	0	0	0	0	1	0	0	0	0	0
protein_co	histone_clu	715	585	608	843	892	1963	40.88581	42.89748	41.94867	74.82119
protein_co	TEA_domai	306	252	236	1127	1408	1349	8.490145	8.9661	7.900485	48.53422
protein_co	spastic_par	1957	1643	1643	1616	2159	1675	29.83217	32.11744	30.21897	38.23542
protein_co	histone_clu	7	5	14	4	8	12	0.927204	0.849291	2.237449	0.822371
protein_co	hornerin	0	1	0	0	0	1	0	0.006249	0	0
protein_co	interferon_	9	5	4	0	0	0	0.481747	0.343207	0.258336	0
protein_co	hairy_and_	0	0	0	5	4	10	0	0	0	0.278636

protein_co	chromosor	43	35	53	13	22	10	1.514854	1.581174	2.252819	0.710847
protein_co	zinc_finger_	38	23	35	320	405	343	0.20408	0.158399	0.226794	2.667453
protein_co	ERO1-like_(	1306	965	1032	747	961	531	11.5872	10.97923	11.04748	10.28695
protein_co	coagulatior	158	132	154	168	135	128	4.355451	4.666157	5.122062	7.188129
protein_co	zinc_finger_	27	26	18	38	36	29	0.522505	0.645223	0.420289	1.141408
antisense	-	8	3	5	7	8	11	0.109941	0.052869	0.082907	0.149314
protein_co	zinc_finger_	5	0	5	129	131	101	0.077453	0	0.093451	3.101617
protein_co	zinc_finger_	48	38	37	122	152	186	0.494338	0.501852	0.459761	1.950173
protein_co	olfactory_r	0	0	0	0	2	0	0	0	0	0
protein_co	phospholip	69	56	80	219	229	127	0.751024	0.781632	1.050613	3.699809
protein_co	FCH_and_d	742	524	580	309	472	286	8.053795	7.293522	7.595785	5.205777
protein_co	zinc_finger_	422	347	306	384	445	244	3.645466	3.843964	3.189408	5.148755
protein_co	arylacetam	0	1	0	0	0	0	0	0.012403	0	0
protein_co	S100_calci	6780	5250	5302	97	125	91	472.3838	469.066	445.7107	10.48981
protein_co	ribosomal_	10008	8029	8232	15550	15082	12772	206.2749	212.2119	204.7163	497.4619
protein_co	dynamin_3	839	647	722	14	15	13	5.147288	5.090145	5.344435	0.133314
protein_co	zinc_finger_	259	202	234	1916	2428	1794	5.045498	5.046206	5.50007	57.93357
protein_co	myelin_prc	2713	2191	2316	1333	1545	1000	25.39174	26.29628	26.15347	19.36437
protein_co	vacuolar_p	1011	817	896	701	417	612	3.094374	3.206661	3.308855	3.330198
protein_co	myelin_bas	183	138	133	490	615	248	0.875867	0.846985	0.768046	3.640104
protein_co	A_kinase_(F	1994	1508	1659	1355	1837	1661	28.92905	28.05561	29.04046	30.51257
protein_co	ELOVL_fatt	46	33	37	15	32	24	0.53964	0.496443	0.523716	0.273129
protein_co	leucine_glu	2	4	5	0	1	2	0.032551	0.083485	0.098187	0
protein_co	chromosor	1657	1215	1155	624	1015	885	34.85723	32.776	29.31571	20.37443
processed_	small_nucl	151	144	169	252	270	394	3.720648	4.550021	5.024309	9.637683
protein_co	protocadhe	4	3	4	22	28	25	0.029551	0.028421	0.035655	0.25227
protein_co	Kell_blood_	8	7	5	11	17	22	0.1334	0.149683	0.100597	0.284701
protein_co	nucleolar_p	704	587	639	365	320	675	7.179333	7.676422	7.862494	5.777431
protein_co	interleukin	138	129	150	113	103	61	1.560362	1.870447	2.046377	1.983149
protein_co	coiled-coil_	7	4	4	141	143	75	0.134081	0.098251	0.092444	4.191974
protein_co	discs_large_	0	2	0	21	25	16	0	0.011869	0	0.150846
protein_co	mitochond	659	489	545	937	1046	1008	9.847202	9.370131	9.825892	21.73189
protein_co	ectonucleo	691	501	549	136	163	162	9.127043	8.485923	8.749282	2.788184
protein_co	Fc_fragmer	0	1	1	1	0	1	0	0.057596	0.054191	0.069712
protein_co	zinc_finger_	838	675	750	464	602	752	8.86994	9.161989	9.578246	7.622986
protein_co	tubulin_alp	0	0	0	1	0	0	0	0	0	0.046924
protein_co	ribosomal_	9401	7732	7964	9404	8620	8868	242.205	255.4525	247.5645	376.0556
protein_co	ArfGAP_wit	19	26	33	13	19	15	0.369672	0.648703	0.774685	0.392588
protein_co	zinc_finger_	76	65	79	263	203	269	0.948534	1.040308	1.189637	5.09478
protein_co	zinc_finger_	642	518	590	497	531	856	4.20321	4.348958	4.660646	5.050483
protein_co	MAK16_ho	404	308	336	305	354	570	4.746572	4.640435	4.763059	5.561974
protein_co	zinc_finger_	1	0	0	0	0	0	0.008931	0	0	0
protein_co	arginine_va	0	0	0	3	2	2	0	0	0	0.097604
protein_co	signal-regul	1236	924	1067	298	351	268	14.50352	13.90389	15.10662	5.427523
protein_co	G_protein-r	1060	830	908	1834	2406	1618	16.91168	16.98119	17.47892	45.41618
protein_co	primase_DI	104	102	93	429	363	487	3.500762	4.4029	3.777116	22.41388
protein_co	membrane-	876	758	765	547	689	406	10.46247	11.60937	11.02401	10.14023
protein_co	Putative_N	0	1	0	0	0	0	0	0.016777	0	0
protein_co	aldo-keto_r	6	21	10	0	0	0	0.176943	0.794167	0.355821	0
protein_co	sulfotransfe	17	15	10	38	55	55	0.428565	0.484918	0.304169	1.486899
protein_co	cytochrom	3	0	1	0	0	0	0.06167	0	0.024803	0
protein_co	zinc_finger_	286	241	226	256	328	304	3.801175	4.107506	3.624168	5.281074
protein_co	CD2-associa	319	255	270	845	848	875	2.763842	2.833167	2.822503	11.36344
protein_co	nucleopori	0	0	2	31	43	39	0	0	0.064474	1.285569
protein_co	Sfi1_homol	405	308	325	518	669	342	3.61723	3.527615	3.502293	7.18094
protein_co	transmemb	0	0	0	1	0	2	0	0	0	0.034856
protein_co	zinc_finger_	102	57	71	372	493	575	1.496022	1.072067	1.256447	8.468591
protein_co	alcohol_de	1	3	0	1	2	2	0.021799	0.083863	0	0.033835
pseudogen	-	1	0	0	0	2	1	0.223286	0	0	0
protein_co	zinc_finger_	245	144	174	142	160	85	2.234595	1.684242	1.914829	2.010257
lincRNA	sorting_nex	23	20	13	17	21	15	0.178378	0.198908	0.121648	0.204641
protein_co	chondroitir	1600	997	1351	10	19	8	19.48676	15.57127	19.85286	0.189038
protein_co	torsin_fami	356	278	297	161	261	70	4.024312	4.029914	4.05085	2.824867
protein_co	lysophosph	3290	2504	2660	78	97	75	42.41632	41.39813	41.37774	1.560854
protein_co	myoglobin	5	2	2	3	0	3	0.195865	0.100467	0.094529	0.182406

protein_co	olfactory_r	0	0	0	0	1	0	0	0	0	0
protein_co	3-hydroxyi	425	381	433	282	314	369	5.890706	6.771934	7.241263	6.066776
protein_co	zinc_finger	237	168	192	418	459	935	2.704535	2.458458	2.643587	7.403737
protein_co	transmemb	3	4	2	7	25	11	0.03458	0.059125	0.027815	0.125236
pseudogen	-	1	0	0	0	0	1	0.143395	0	0	0
protein_co	sosondowa	708	597	635	503	735	538	7.13478	7.714913	7.720921	7.867664
protein_co	zinc_finger	487	431	413	1902	2107	1577	4.198463	4.764836	4.295952	25.45085
protein_co	HCG19853	34	20	28	34	35	11	0.881781	0.665153	0.876169	1.368647
pseudogen	zinc_finger	25	44	31	123	118	101	0.451213	1.018365	0.675073	3.445695
protein_co	Protein_LO	2	2	1	5	3	1	0.046518	0.059653	0.028063	0.180505
protein_co	high_mobil	139	112	108	435	424	691	3.065716	3.167703	2.874014	14.89145
protein_co	mesoderm_	695	525	550	391	392	490	6.546517	6.341531	6.250809	5.716533
protein_co	mannosida	1548	1210	1345	391	448	430	8.463823	8.483798	8.872907	3.318202
protein_co	small_VCP/	425	265	296	122	187	182	4.388517	3.509006	3.687811	1.955326
protein_co	zinc_finger	270	231	224	203	269	136	4.510262	4.948337	4.514754	5.263377
protein_co	DDRGK_do	687	523	593	665	920	785	24.66573	24.07954	25.68857	37.05863
protein_co	transcriptio	1872	1414	1454	915	1275	1698	33.14883	32.10858	31.06525	25.14861
protein_co	C-type_lect	0	0	0	0	2	0	0	0	0	0
protein_co	zinc_finger	77	51	63	222	258	277	0.827344	0.702708	0.816741	3.702364
protein_co	zinc_finger	39	40	36	181	172	194	0.524437	0.68976	0.584089	3.777787
protein_co	hydroxyste	188	159	169	141	124	108	4.676564	5.071956	5.072287	5.444006
protein_co	seizure_thr	1323	976	1008	254	344	339	5.051339	4.778657	4.643605	1.505258
protein_co	sulfotransfe	16	8	7	12	20	25	0.117851	0.075564	0.06221	0.137191
protein_co	zinc_finger	95	85	96	87	127	68	0.855986	0.982135	1.043668	1.216726
protein_co	ribosomal_	22	33	22	135	197	121	0.189073	0.363688	0.228127	1.80082
protein_co	calcium_ch	0	1	1	18	10	27	0	0.003719	0.003499	0.081016
protein_co	glutamine-l	2043	1615	1748	1728	2100	2159	26.99248	27.36253	27.86531	35.43632
processed_	MLLT4_ant	21	30	31	104	139	54	0.439987	0.806029	0.783664	3.382082
protein_co	colony_stir	1	2	1	15	21	6	0.020467	0.052492	0.024695	0.476516
protein_co	FK506_bin	5	10	6	15	12	11	0.14848	0.380809	0.21498	0.691385
protein_co	DEAD_(Asp	3131	2565	2605	2199	2858	3619	33.8512	35.56212	33.98183	36.90173
pseudogen	-	8	12	10	10	8	3	0.592607	1.139901	0.893768	1.14976
protein_co	ribosomal_	395	318	308	517	786	639	11.85759	12.24153	11.15573	24.08909
protein_co	solute_carr	111	94	106	266	279	214	2.306066	2.504298	2.657068	8.577504
pseudogen	-	1	0	0	4	1	1	0.071045	0	0	0.44109
protein_co	serine/thre	567	475	436	552	677	804	5.473881	5.880513	5.078633	8.271454
protein_co	ubiquitin-li	2173	1637	1694	1913	1871	1993	70.27035	67.88447	66.0958	96.01914
protein_co	helicase_wi	851	724	765	820	847	662	2.889457	3.152351	3.13398	4.321465
protein_co	transmemb	33	28	25	88	65	59	0.425102	0.462537	0.388568	1.759512
protein_co	uridine-cyt	712	550	573	618	723	745	17.08582	16.92497	16.59046	23.01838
protein_co	caspase_rec	7	2	4	1081	1410	1071	0.075179	0.027545	0.051833	18.01992
protein_co	zinc_finger	26	17	19	58	59	103	0.593545	0.497666	0.523337	2.055126
protein_co	SDA1_dom	438	337	357	414	458	688	6.668126	6.579137	6.557615	9.78274
pseudogen	speedy_hor	0	2	0	0	0	0	0	0.042676	0	0
pseudogen	-	8	14	12	1	1	4	0.423865	0.951206	0.767125	0.082237
protein_co	zinc_finger	504	395	438	242	285	222	5.606778	5.634939	5.87902	4.178579
protein_co	family_witl	693	524	478	345	526	262	9.97997	9.676908	8.305618	7.711619
protein_co	transmemb	1	0	0	0	0	0	0.012048	0	0	0
protein_co	hydroletha	117	82	102	110	126	123	2.661879	2.392355	2.799952	3.884414
protein_co	myosin_ligl	28	19	17	0	1	1	1.427087	1.241811	1.045417	0
protein_co	histone_clu	23	14	15	46	66	80	0.803031	0.626818	0.631893	2.49283
protein_co	zinc_finger	3	2	2	26	21	21	0.050293	0.042996	0.040454	0.676537
protein_co	zinc_finger	79	83	85	509	463	436	0.602229	0.811376	0.781811	6.022585
protein_co	homeobox_	107	99	95	0	1	8	3.011544	3.573139	3.226094	0
protein_co	DDB1_and_	135	86	91	28	23	21	3.831811	3.130244	3.116447	1.233556
protein_co	pim-3_onc	832	597	607	1295	1566	971	16.46792	15.15301	14.49613	39.78465
protein_co	arsA_arseni	1618	1279	1324	1805	1952	1871	55.4591	56.21784	54.75583	96.0289
processed_	-	0	0	0	1	1	2	0	0	0	0.034073
protein_co	aspartate_k	3521	2918	3156	1109	1242	1029	32.03954	34.04982	34.65016	15.66326
protein_co	histone_clu	3	2	2	3	2	1	0.299936	0.256417	0.24126	0.465542
protein_co	sprouty-rel	2849	2158	2319	770	916	572	32.6067	31.67198	32.02309	13.67841
protein_co	WW_doma	897	720	730	922	1276	1116	9.315691	9.588805	9.147313	14.86223
protein_co	histone_clu	0	0	0	0	0	1	0	0	0	0
protein_co	glutamine-l	3290	2506	2591	1954	2323	1559	17.74217	17.33011	16.85878	16.35558
protein_co	UV_radiatio	436	358	387	290	381	176	4.958537	5.221069	5.310386	5.119123

pseudogen	transmemb	2	1	0	3	2	4	0.035931	0.023038	0	0.083655
pseudogen	-	0	0	0	0	2	0	0	0	0	0
protein_co	zinc_finger	157	110	117	133	116	238	1.516945	1.362926	1.363967	1.994583
protein_co	transmemb	0	1	0	0	0	1	0	0.041526	0	0
protein_co	intersectin	521	442	493	242	271	173	3.87773	4.21863	4.427258	2.795669
protein_co	neurotroph	7	6	4	1	6	4	0.107546	0.118211	0.074149	0.023847
pseudogen	basic_leuci	37	45	33	24	23	38	2.1004	3.275836	2.26028	2.114667
protein_co	meningiom	3890	3278	3496	3737	4503	3964	35.44543	38.30266	38.43528	52.85234
pseudogen	TatD_DNas	1	0	0	0	0	1	0.020116	0	0	0
pseudogen	-	1	4	4	2	3	2	0.011615	0.059579	0.056057	0.036056
protein_co	metallothio	41	28	19	232	227	235	1.222181	1.070333	0.683366	10.73421
protein_co	family_witl	1582	1243	1303	389	485	281	12.93913	13.03704	12.85852	4.938312
protein_co	zinc_finger	37	35	59	71	72	115	0.86315	1.047036	1.660674	2.570829
protein_co	thioredoxi	2373	2002	2093	1996	2481	2728	27.9995	30.29186	29.79681	36.55473
protein_co	NOTCH-reg	146	95	114	1373	1911	1024	2.611958	2.179447	2.460743	38.1254
protein_co	zinc_finger	85	63	78	10	12	24	0.810751	0.770581	0.897659	0.148047
protein_co	coagulatio	0	0	0	1	0	0	0	0	0	0.042786
protein_co	zinc_finger	35	32	45	56	68	44	0.434857	0.509845	0.674589	1.079933
protein_co	chromoson	0	1	0	0	0	0	0	0.061482	0	0
protein_co	zinc_finger	252	163	157	285	388	340	2.095829	1.73841	1.575444	3.679007
protein_co	zinc_finger	148	126	152	238	186	521	1.464695	1.599062	1.815001	3.655887
protein_co	zinc_finger	716	578	599	562	648	564	4.878415	5.050134	4.924256	5.943367
protein_co	tropomyos	10671	8490	8692	980	1338	1240	233.0523	237.7746	229.0425	33.2204
lincRNA	FLVCR1_an	109	93	116	328	353	237	2.024163	2.214682	2.599112	9.454168
protein_co	receptor_(	0	0	0	1	0	1	0	0	0	0.054071
protein_co	zinc_finger	140	104	87	136	165	101	1.146455	1.092123	0.8596	1.728616
protein_co	SH3_domai	277	179	195	435	559	452	2.793834	2.315172	2.373032	6.809898
protein_co	zinc_finger	114	114	86	272	383	316	1.262807	1.619371	1.14942	4.676614
protein_co	ankyrin_re	40	41	52	246	255	202	0.561221	0.737679	0.880289	5.357221
protein_co	UDP-GlcNA	0	0	0	1	0	2	0	0	0	0.027579
antisense	-	0	0	0	1	3	0	0	0	0	0.027218
protein_co	YTH_domai	1837	1383	1549	2489	2957	3720	29.44853	28.4306	29.96084	61.93126
pseudogen	neighbor_c	63	45	34	62	56	47	2.19797	2.013274	1.431226	3.357402
protein_co	translation	493	397	442	376	508	587	11.68695	12.06852	12.64225	13.83479
protein_co	major_hist	11	8	13	0	0	0	0.409357	0.381776	0.583716	0
protein_co	atlastin_GT	238	165	166	65	65	61	3.91161	3.477538	3.29181	1.658145
protein_co	cyclic_nucl	7	0	0	11	14	11	0.114486	0	0	0.279239
protein_co	v-maf_mus	236	155	180	186	356	289	3.285643	2.767256	3.023632	4.019312
protein_co	histone_clu	5	3	5	12	11	14	0.166395	0.128027	0.200765	0.619842
protein_co	chromoson	20	10	20	13	11	2	0.443824	0.284571	0.535499	0.44777
protein_co	zinc_finger	297	230	293	584	628	720	2.493971	2.476693	2.968593	7.611641
protein_co	GPN-loop_	478	406	417	450	379	476	8.979739	9.780728	9.451917	13.12136
protein_co	phospholar	3	4	8	0	0	1	0.0703	0.120199	0.226189	0
protein_co	C2_calcium	17	10	11	5	9	12	0.231388	0.174542	0.180647	0.105631
protein_co	zinc_finger	153	97	127	242	215	223	1.387386	1.127942	1.389497	3.406055
protein_co	integrin_be	1592	1238	1318	0	0	0	29.9314	29.84791	29.89836	0
protein_co	zinc_finger	176	104	123	165	190	201	4.118085	3.120508	3.472449	5.992349
processed_	chromoson	0	0	1	23	31	0	0	0	0.01637	0.484356
protein_co	zinc_finger	279	225	238	207	233	199	4.606449	4.763804	4.741187	5.304725
protein_co	potassium_	12	4	12	3	4	2	0.346691	0.148194	0.418303	0.134528
protein_co	WD_repeat	682	557	542	1351	1272	1323	5.333388	5.585773	5.114063	16.39852
protein_co	zinc_finger	233	187	224	154	199	208	2.568863	2.643845	2.979759	2.635337
protein_co	catenin_(ca	4837	4012	4234	4901	5044	4630	34.61117	36.81379	36.55436	54.43214
protein_co	DEAD_(Asp	1325	1182	1241	1117	1299	1421	12.04523	13.77926	13.6119	15.76096
protein_co	solute_carr	17	12	20	4	16	8	0.3687	0.333745	0.523363	0.134653
protein_co	retinal_deg	0	0	0	1	1	2	0	0	0	0.01706
protein_co	SPANX_fam	0	0	1	0	0	1	0	0	0.14619	0
protein_co	activity-reg	13	14	17	136	142	103	0.1544	0.213226	0.243613	2.507106
protein_co	Uncharacte	13	12	5	28	23	14	0.521	0.616716	0.241776	1.741739
protein_co	nudix_(nuc	1286	1139	1128	614	698	549	9.857865	11.19631	10.43276	7.305345
protein_co	tousled-like	862	637	714	912	1013	1010	7.053961	6.684586	7.049723	11.5838
protein_co	LPS-respon	1047	866	855	1847	1919	1792	4.760385	5.0492	4.690396	13.03445
protein_co	chromoson	5	11	10	21	22	5	0.126116	0.355798	0.304333	0.822149
protein_co	zinc_finger	0	0	0	7	3	3	0	0	0	0.103025
protein_co	matrix_me	1152	883	859	1523	2177	1195	22.40452	22.02182	20.15693	45.97413

protein_co	bromodom	1064	925	1001	792	810	872	8.301328	9.254586	9.422975	9.590949
protein_co	aldo-keto_	0	0	0	0	0	1	0	0	0	0
protein_co	COP9_signa	1367	1073	1242	727	758	841	15.99667	16.10164	17.53601	13.20462
pseudogen	peptidylpr	757	647	660	839	775	917	71.27659	78.12044	74.97959	122.615
protein_co	coiled-coil_	50	37	33	399	470	366	0.679369	0.644683	0.541	8.414703
protein_co	Mdm4_p53	928	749	809	903	1246	839	4.319859	4.471083	4.543789	6.524388
protein_co	ryanodine_	118	106	122	189	209	258	0.334079	0.384842	0.41675	0.830539
protein_co	zinc_finger_	0	0	0	1	2	0	0	0	0	0.03489
protein_co	kelch-like_f	1349	1049	1080	467	550	419	11.07787	11.04661	10.7008	5.952394
protein_co	family_with	0	1	0	0	4	0	0	0.045587	0	0
protein_co	nuclear_rec	1357	1056	1136	162	263	190	6.833826	6.819575	6.902564	1.266279
protein_co	serine_thre	816	666	642	545	695	467	10.0163	10.48336	9.508239	10.38351
protein_co	tyrosine_ar	0	0	0	1	2	3	0	0	0	0.018273
protein_co	chromosom	867	663	733	188	193	203	15.84937	15.54232	16.16758	5.334348
protein_co	calmodulin	7220	5675	5808	3399	4090	4256	79.80809	80.44238	77.46123	58.31649
protein_co	lipoprotein	0	1	0	1	1	0	0	0.009265	0	0.011214
protein_co	family_with	2	4	3	9	10	18	0.022718	0.058265	0.041116	0.158677
protein_co	tetratricop	2242	1927	1930	985	715	1073	18.42401	20.30672	19.13612	12.56364
protein_co	tumor_sup	929	641	662	190	335	181	17.70046	15.6616	15.2186	5.61892
protein_co	melanoma_	0	0	1	0	0	0	0	0	0.033124	0
protein_co	3'-phospho	1701	1371	1460	648	722	585	20.1975	20.87565	20.91675	11.9426
protein_co	chromosom	0	1	0	2	2	1	0	0.022295	0	0.053971
protein_co	solute_carr	412	298	328	187	234	224	4.127043	3.82796	3.964274	2.907461
protein_co	FANCD2/FA	411	313	315	359	437	381	3.85513	3.764878	3.56497	5.226635
protein_co	ATP-bindin	12	8	4	2	2	2	0.076985	0.065815	0.030962	0.019915
protein_co	eukaryotic_	338	275	250	318	293	394	5.03457	5.252762	4.492972	7.351962
protein_co	mitochond	6858	5614	6125	7306	9527	8015	612.5176	642.988	660.0476	1012.818
protein_co	importin_9	2991	2441	2649	2078	2320	2803	12.2648	12.83575	13.10612	13.22575
protein_co	centrosom	572	429	480	165	91	173	3.374571	3.245556	3.416739	1.510904
protein_co	chromosom	19	6	12	14	30	15	0.867488	0.351294	0.661058	0.99213
protein_co	mitochond	38341	31845	33723	57480	60408	62693	2628.377	2799.464	2789.321	6116.057
protein_co	chromosom	627	495	497	537	517	506	18.3292	18.55627	17.52994	24.36581
protein_co	family_with	336	207	234	103	91	142	2.47138	1.95245	2.076654	1.175893
protein_co	delta-like_1	18	16	5	583	792	715	0.265917	0.303112	0.089123	13.36819
protein_co	ankyrin_rep	531	375	385	581	863	473	7.746919	7.015767	6.777091	13.15652
protein_co	enoyl-CoA_	183	177	164	253	235	224	2.21728	2.750122	2.397515	4.757956
protein_co	unc-13_hor	935	818	847	1719	1883	1697	6.955762	7.803613	7.602642	19.84904
protein_co	chromosom	0	0	0	14	20	4	0	0	0	0.60686
protein_co	mitochond	31090	27160	28246	23213	26844	34635	1277.661	1431.31	1400.554	1480.664
protein_co	LIM_domai	2113	1604	1620	2140	2499	1846	43.36044	42.20927	40.11042	68.16139
protein_co	protein_ph	21	26	18	8	16	14	0.45757	0.726475	0.473215	0.270557
protein_co	Ctr9_Paf1/	1215	951	1013	1075	1143	1076	12.42289	12.46913	12.49694	17.06025
protein_co	SPARC_rela	55	63	42	9	4	11	0.703478	1.033327	0.648165	0.178674
protein_co	coagulation	0	1	1	1	3	0	0	0.008542	0.008037	0.01034
protein_co	methionine	559	460	485	361	508	447	18.4199	19.4376	19.28259	18.46346
protein_co	small_integ	0	0	0	1	0	0	0	0	0	0.084431
protein_co	leucine_ric	91	59	95	14	8	144	0.979117	0.814056	1.233289	0.233804
protein_co	zinc_finger_	425	383	371	819	1007	530	3.328032	3.845977	3.505263	9.954352
protein_co	SMAD_spec	1103	890	1046	553	740	728	9.015111	9.328136	10.31514	7.015379
protein_co	solute_carr	6070	5041	5579	614	744	425	24.59153	26.18924	27.27102	3.860964
pseudogen	-	9	10	17	18	35	31	0.771499	1.099265	1.758288	2.394948
protein_co	G_patch_d	232	169	185	238	282	359	5.124109	4.786592	4.930037	8.159017
protein_co	GATS_prote	43	56	50	82	80	70	1.595151	2.663978	2.237955	4.721474
protein_co	CDC42_bin	4953	3988	4426	1962	2682	2021	34.36612	35.48352	37.05285	21.12962
protein_co	plexin_B3	184	173	174	26	25	8	1.35295	1.631246	1.543694	0.296734
protein_co	3-oxoacid_	10	5	6	7	8	10	0.256791	0.164649	0.1859	0.279003
protein_co	ribosomal_	8486	6722	7014	11774	14579	11834	372.2252	378.1034	371.2073	801.599
protein_co	collagen_b	101	84	63	32	23	28	0.914795	0.975643	0.688479	0.449865
protein_co	EGF-like-do	0	0	0	11	9	12	0	0	0	0.333852
protein_co	mitochond	17393	14874	16203	29151	31855	30000	782.6853	858.3211	879.7437	2036.088
protein_co	synaptoner	0	0	0	0	2	1	0	0	0	0
protein_co	adenomatc	330	276	331	60	94	58	4.516552	4.844082	5.465993	1.274602
protein_co	RCSD_dom	85	60	55	3	13	6	1.27134	1.150809	0.992553	0.069646
protein_co	Ras_associa	122	60	80	1	4	1	3.132849	1.975787	2.478664	0.039858
protein_co	family_with	53	50	36	852	963	993	0.414887	0.501918	0.34002	10.35199

protein_co	zinc_finger_	258	208	206	260	328	347	7.30092	7.547977	7.033527	11.41988
protein_co	glutamate_	17	17	19	22	10	26	0.102591	0.131558	0.138344	0.206069
protein_co	mitochond	19954	16527	18628	21066	29394	25635	516.3595	548.4355	581.6162	846.1254
protein_co	mucin_2_o	1	0	0	0	1	0	0.005429	0	0	0
protein_co	CCR4-NOT_	1046	871	1011	1187	1256	1668	18.51527	19.77088	21.59224	32.61216
protein_co	transmemb	1876	1415	1515	1221	1646	1565	23.98846	23.20253	23.37385	24.23347
protein_co	mechanisti	2267	1902	2022	2118	2575	2287	12.25074	13.18046	13.18378	17.76508
protein_co	secretory_c	139	123	98	1247	1574	1145	1.901871	2.158146	1.617858	26.48276
protein_co	zinc_finger_	1186	892	978	283	303	177	11.41687	11.01125	11.35924	4.22843
protein_co	alpha-kinas	502	437	439	0	0	8	3.223167	3.598072	3.400883	0
protein_co	family_witl	20	17	20	1	1	3	0.263575	0.287298	0.318019	0.020455
protein_co	melanoma_	0	0	0	1	0	4	0	0	0	0.031602
protein_co	leucine-rich	278	256	242	371	381	398	2.568051	3.032551	2.697256	5.319406
protein_co	mitochond	140597	113461	120955	169914	166095	185677	4275.354	4424.375	4437.802	8019.654
protein_co	purine_nuc	604	506	482	645	766	1001	11.00722	11.82498	10.59829	18.24445
protein_co	paired_box	0	0	1	7	8	14	0	0	0.012533	0.112862
protein_co	leucine_ric	0	0	0	0	0	1	0	0	0	0
protein_co	glycerol_ki	120	96	95	50	71	74	1.517886	1.557178	1.449871	0.981654
protein_co	forkhead_b	920	744	791	666	768	642	8.060317	8.358851	8.361589	9.056679
protein_co	zinc_finger_	374	280	329	282	279	256	8.974855	8.616347	9.525763	10.50353
protein_co	SFT2_doma	660	514	512	632	799	588	12.01375	11.99795	11.24482	17.85591
protein_co	CD247_mo	0	0	0	9	10	12	0	0	0	0.224168
protein_co	glutamate_	3	2	3	20	28	14	0.032959	0.028177	0.039767	0.341049
protein_co	chromosor	535	446	437	443	564	875	6.622534	7.079696	6.526794	8.511471
protein_co	inositol_pc	791	625	710	382	457	357	7.530965	7.630685	8.156063	5.645053
protein_co	Rho_GTPas	1575	1234	1332	1539	1643	1746	12.52149	12.58056	12.77697	18.99086
protein_co	succinate_	6	4	3	0	0	0	0.195511	0.167143	0.117948	0
protein_co	high_mobil	6546	4973	5367	3703	4483	6317	205.1752	199.8833	202.9684	180.1495
protein_co	Selenoprot	1809	1380	1393	195	236	88	40.9778	40.08653	38.07231	6.856068
protein_co	ubiquitin-c	2126	1699	1708	303	388	325	23.23734	23.81364	22.5247	5.140392
protein_co	gap_junctic	54	33	24	11	17	9	1.128872	0.884656	0.605355	0.356923
protein_co	optic_atrop	1382	1109	1209	1347	1200	1320	9.981824	10.27171	10.53601	15.1008
protein_co	DENN/MAD	1516	1116	1217	1912	2293	1363	12.45799	11.7604	12.06666	24.38748
protein_co	ryanodine_	60	40	45	39	48	99	0.180821	0.154585	0.163629	0.182429
protein_co	zinc_finger_	156	150	178	282	220	168	3.297945	4.066488	4.540325	9.253338
protein_co	mitochond	6724	5630	5684	8773	8828	6894	911.2384	978.4126	929.408	1845.368
protein_co	KTI12_hom	188	145	184	165	234	213	5.143129	5.086826	6.07345	7.006224
protein_co	dual_specif	9	11	9	0	0	5	0.101347	0.158844	0.122281	0
protein_co	Selenoprot	852	683	730	508	600	776	11.51637	11.83876	11.90548	10.65787
protein_co	Rho_guanir	1	0	0	48	38	10	0.011288	0	0	0.84098
protein_co	thymocyte_	311	255	284	103	99	48	3.530088	3.711716	3.88948	1.81465
protein_co	carboxylest	1	1	3	0	0	0	0.021529	0.027608	0.077928	0
protein_co	CD3e_mole	54	34	36	5	2	1	0.958025	0.77352	0.770608	0.137684
protein_co	RUN_and_S	1962	1511	1630	299	423	274	16.32332	16.12067	16.36233	3.8611
protein_co	FIC_domair	169	175	144	71	95	97	2.367617	3.143924	2.434082	1.54388
protein_co	oligosaccha	3202	2535	2666	1001	1137	1154	139.4075	141.5311	140.0467	67.64399
pseudogen	hydroxy-de	22	18	21	36	34	7	0.91129	0.956128	1.049546	2.314552
protein_co	R3H_doma	1739	1348	1441	1581	2286	1419	44.92658	44.65838	44.91752	63.39662
protein_co	tRNA_splic	600	421	481	240	290	265	14.35409	12.91563	13.88409	8.911812
protein_co	listerin_E3_	911	728	797	509	313	629	5.507582	5.643952	5.813651	4.776292
protein_co	RUN_doma	465	411	393	334	496	484	5.695888	6.455942	5.8083	6.350171
protein_co	coiled-coil_	0	0	0	5	0	0	0	0	0	0.106062
protein_co	chromosor	32	19	17	18	29	11	0.531144	0.404413	0.340454	0.46373
protein_co	G_protein-	366	330	344	42	64	30	6.46637	7.476576	7.333072	1.151753
protein_co	tRNA-yW_s	360	282	277	335	336	383	5.041937	5.064696	4.680829	7.282328
protein_co	DDB1_and_	830	701	703	803	821	621	10.61323	11.49468	10.84608	15.93733
protein_co	Scm-like_w	208	200	173	364	446	237	1.231144	1.518046	1.235491	3.344086
protein_co	paraneopla	0	0	1	2	5	3	0	0	0.017608	0.045303
protein_co	inositol_14	68	50	64	95	121	103	1.478906	1.394476	1.679421	3.206902
protein_co	mitochond	53167	45696	49420	72661	86769	72601	1809.145	1993.97	2029	3837.629
protein_co	structural_	1345	1106	1310	477	416	535	10.65142	11.23181	12.51713	5.863193
protein_co	mitochond	22633	18070	19970	36456	35484	46753	1110.106	1136.554	1181.813	2775.377
protein_co	DDB1_and_	17	10	18	61	90	108	0.235907	0.177951	0.301379	1.31387
protein_co	protein_arg	888	697	740	668	1048	1290	15.77807	15.88119	15.86429	18.42247
protein_co	shisa_hom	546	403	445	83	97	32	19.09168	18.07033	18.77412	4.504641

protein_co	KIAA1737	218	166	189	364	412	277	2.27865	2.225044	2.383587	5.90545
protein_co	capping_pr	1082	836	916	796	724	901	21.19256	20.99771	21.6471	24.19913
protein_co	mitochond	31689	26454	27669	45227	51013	49883	2181.935	2335.791	2298.66	4833.498
protein_co	topoisome	3034	2287	2373	2442	2999	2881	38.05894	36.78888	35.91591	47.54635
protein_co	protein_reg	1621	1395	1450	984	1114	757	18.59768	20.52387	20.07205	17.52271
protein_co	basic_helix	200	148	165	300	285	313	1.828071	1.734739	1.81968	4.256129
protein_co	mitogen-ac	1515	1149	1209	493	594	401	14.74437	14.3398	14.19672	7.447165
protein_co	L1_cell_adh	17	15	27	1594	1914	1079	0.155903	0.176403	0.298756	22.68942
protein_co	sterol_regu	8528	6651	6940	6473	7094	6937	70.16636	70.17429	68.89525	82.66427
protein_co	chromosor	423	393	370	394	393	315	5.668613	6.753647	5.982548	8.195268
protein_co	POU_class_	1620	1015	1204	1	5	3	15.3118	12.30231	13.73048	0.01467
protein_co	RasGEF_do	29	21	27	445	454	314	0.331338	0.307682	0.372207	7.891572
protein_co	chromosor	620	509	541	935	1242	1094	6.78297	7.140939	7.141239	15.87707
protein_co	ribosomal_	5012	4342	4324	4102	3741	3815	122.7221	136.3361	127.7454	155.897
protein_co	DAZ_intera	407	365	343	537	458	537	3.567147	4.102313	3.627177	7.305188
protein_co	KIAA0753	501	446	470	349	364	353	4.834719	5.51922	5.47242	5.227444
protein_co	DNA_cross-	151	135	112	332	281	255	1.586109	1.818441	1.419457	5.412835
protein_co	autophagy_	1960	1565	1517	1297	1605	1357	17.52229	17.94149	16.36321	17.99722
protein_co	nitric_oxid	64	50	68	145	205	127	0.539838	0.540833	0.692055	1.898376
protein_co	adenine_ph	833	688	667	1861	2307	2116	41.24539	43.68458	39.8478	143.0235
protein_co	G_protein-	273	213	222	104	93	89	2.140631	2.141747	2.100295	1.265736
protein_co	TBK1_bindi	1045	736	794	316	395	443	11.89033	10.73903	10.9005	5.580786
protein_co	melanoma_	21	35	34	304	321	167	0.266204	0.568949	0.520024	5.981362
protein_co	coiled-coil_	531	358	384	192	207	174	40.22391	34.7762	35.09692	22.57467
protein_co	mitochond	39326	32213	34846	63653	72627	75671	2352.037	2470.614	2514.579	5908.996
protein_co	ZFP2_zinc_	3	5	10	46	39	10	0.057913	0.123775	0.232917	1.378292
protein_co	sosondowa	4	1	2	1	3	3	0.054271	0.017399	0.03274	0.021059
protein_co	l(3)mbt-like	817	691	748	288	373	172	8.479226	9.196478	9.36664	4.63935
protein_co	dystrophin	1161	894	973	216	172	163	3.900782	3.851823	3.944394	1.126429
protein_co	microfibril	644	530	601	272	378	270	4.779546	5.044127	5.381747	3.133287
protein_co	N-acetylgal	954	806	845	660	831	547	12.10966	13.11982	12.94161	13.00343
protein_co	smg-5_hom	2239	1680	1988	2357	3098	4203	23.02846	22.15794	24.67035	37.62711
protein_co	KIAA1279	1113	813	871	468	708	760	20.59534	19.29184	19.44643	13.44157
protein_co	transglutar	147	126	124	14	30	29	1.724933	1.895985	1.755596	0.254984
protein_co	armadillo_	69	53	61	146	154	210	1.678118	1.652946	1.789993	5.511333
protein_co	praja_ring_	3722	3095	3199	1304	960	908	35.69741	38.0654	37.01883	19.41192
protein_co	RAR-relatec	8	3	5	129	164	146	0.105164	0.050572	0.079304	2.63207
protein_co	sphingomy	383	308	340	283	346	179	4.796708	4.946575	5.137733	5.501251
pseudogen	-	0	0	0	0	1	0	0	0	0	0
antisense	-	2	1	2	3	0	2	0.165689	0.106236	0.199913	0.385759
pseudogen	-	0	2	2	0	0	0	0	0.152227	0.143229	0
lincRNA	-	0	1	0	7	9	5	0	0.078091	0	0.661635
pseudogen	-	7	6	11	2	9	4	0.188964	0.207702	0.358279	0.083799
lincRNA	-	3	2	3	40	47	14	0.243374	0.208062	0.293644	5.036664
antisense	-	6	2	2	2	6	1	0.296147	0.126589	0.119106	0.153221
pseudogen	-	0	2	0	3	0	0	0	0.471606	0	0.856233
pseudogen	-	1	0	0	1	0	0	0.200385	0	0	0.311025
protein_co	Uncharacte	1	0	2	1	1	0	0.150289	0	0.362663	0.233269
antisense	-	0	0	0	1	0	2	0	0	0	0.073367
protein_co	Uncharacte	6	7	5	0	6	1	0.124432	0.18616	0.125112	0
pseudogen	-	15	2	10	15	20	7	0.345967	0.059154	0.278286	0.536988
antisense	-	2	0	0	1	3	4	0.157879	0	0	0.122525
pseudogen	-	0	0	0	0	0	2	0	0	0	0
pseudogen	-	1	2	4	7	2	9	0.38122	0.97772	1.839854	4.14194
pseudogen	-	0	0	0	0	1	0	0	0	0	0
processed_	-	3	8	4	6	8	3	0.195647	0.669038	0.314746	0.607342
antisense	-	14	8	7	1	10	7	1.05202	0.770895	0.634661	0.116634
protein_co	zinc_finger_	5	11	18	400	306	348	0.03839	0.108306	0.166753	4.766976
antisense	-	1	6	5	1	2	0	0.05119	0.393863	0.308818	0.079454
pseudogen	-	1	0	0	0	0	0	0.022587	0	0	0
antisense	-	1	0	0	2	0	0	0.018984	0	0	0.058931
pseudogen	-	0	0	0	0	1	0	0	0	0	0
antisense	-	17	12	14	55	71	33	0.805182	0.728846	0.800058	4.043322
pseudogen	-	0	0	1	2	0	2	0	0	0.229982	0.591706
protein_co	Uncharacte	50	41	33	19	28	12	0.968002	1.017887	0.770847	0.57094

pseudogen	-	4	4	3	0	0	0	0.367765	0.471606	0.332797	0
pseudogen	-	1	0	1	57	64	71	0.02009	0	0.02424	1.777399
pseudogen	-	0	1	0	27	35	15	0	0.031091	0	1.016057
pseudogen	-	2	0	1	0	2	1	0.057853	0	0.034902	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.782579
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	1	1	1	0	0	0	0.782579
lincRNA	-	4	2	1	0	0	0	0.326191	0.209147	0.098392	0
pseudogen	-	2	1	0	0	0	0	0.065949	0.042285	0	0
pseudogen	-	1	0	1	3	0	0	0.060038	0	0.07244	0.279564
antisense	long_interg	1	3	5	27	35	24	0.053773	0.206869	0.324401	2.253503
protein_co	Uncharacte	0	0	1	0	0	0	0	0	0.285735	0
antisense	-	10	7	4	2	0	0	0.264766	0.237667	0.127782	0.082191
pseudogen	-	1	2	0	0	0	1	0.21411	0.549131	0	0
pseudogen	-	1	0	0	0	0	0	0.284182	0	0	0
processed_	-	294	257	239	38	32	41	24.05875	26.96921	23.59781	4.826584
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	0	0	2	0	2	0	0	0	0.95137
protein_co	inverted_fc	3323	2425	2716	1366	2062	1151	33.35093	31.21035	32.88936	21.27937
pseudogen	high_mobil	0	0	0	2	0	0	0	0	0	0.165409
antisense	PDCD4_ant	35	38	37	21	22	10	2.109448	2.936931	2.690609	1.964493
processed_	-	0	1	0	99	124	136	0	0.011477	0	1.375301
pseudogen	-	0	0	0	1	0	0	0	0	0	0.039533
antisense	RBMS3_ant	3	5	6	2	0	1	0.162624	0.347571	0.392431	0.168277
pseudogen	-	5	2	3	1	0	0	0.102469	0.052561	0.074181	0.031809
pseudogen	-	0	1	0	0	1	0	0	0.253712	0	0
pseudogen	-	0	0	1	3	3	1	0	0	0.229982	0.887559
pseudogen	-	0	1	0	0	0	1	0	0.267244	0	0
pseudogen	taste_recep	22	17	21	2	1	5	1.133605	1.123304	1.305589	0.159956
antisense	-	0	0	0	1	0	1	0	0	0	0.037304
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	7	10	5	0	0	1	1.243296	2.277644	1.071506	0
pseudogen	-	4	1	2	0	4	1	0.702472	0.225205	0.423787	0
protein_co	Uncharacte	2	1	0	0	2	3	0.024295	0.015578	0	0
pseudogen	-	0	0	0	1	0	2	0	0	0	0.341689
pseudogen	-	1	3	0	3	4	4	0.127073	0.48886	0	0.591706
pseudogen	-	1	0	0	0	0	0	0.269483	0	0	0
pseudogen	-	1	0	1	0	0	0	0.269483	0	0.325147	0
pseudogen	-	0	0	1	0	0	0	0	0	0.319636	0
pseudogen	olfactory_r	1	0	0	0	3	0	0.047701	0	0	0
lincRNA	-	1	1	1	0	0	0	0.026552	0.034049	0.032036	0
antisense	IGBP1_anti	13	8	6	7	5	6	1.124668	0.887525	0.626297	0.939961
pseudogen	-	14	9	15	3	2	5	0.578889	0.477221	0.748353	0.192539
antisense	-	0	0	1	4	0	0	0	0	0.089945	0.462829
antisense	-	0	3	0	1	0	0	0	0.159778	0	0.064464
pseudogen	-	2	3	1	4	0	0	0.201677	0.387934	0.121668	0.626063
pseudogen	-	0	0	0	0	0	4	0	0	0	0
pseudogen	-	4	6	3	1	1	0	0.109428	0.210489	0.099024	0.042462
pseudogen	-	9	15	8	7	11	7	3.430977	7.332902	3.679708	4.14194
protein_co	HCG20436	21	5	7	9	8	4	0.741484	0.226392	0.298214	0.493237
pseudogen	-	10	2	11	26	25	13	0.254146	0.065181	0.337307	1.025623
lincRNA	-	4	7	6	47	35	31	0.114296	0.256495	0.206857	2.084492
pseudogen	-	36	17	20	35	40	28	1.863179	1.128263	1.248907	2.811582
lincRNA	long_interg	1	0	0	0	0	0	0.022918	0	0	0
pseudogen	-	1	0	1	0	3	0	0.109301	0	0.131878	0
pseudogen	-	2	0	1	0	0	0	0.128115	0	0.077289	0
processed_	-	5	1	1	3	2	0	0.10238	0.026258	0.024705	0.095345
pseudogen	-	2	1	0	2	0	0	0.058759	0.037675	0	0.091203
protein_co	EF-hand_ca	129	80	106	94	121	114	0.980835	0.78002	0.972434	1.10934
protein_co	COX20_Co	40	23	23	32	53	58	0.712885	0.52565	0.494579	0.885197
protein_co	choroidere	406	340	369	822	622	945	2.689651	2.888405	2.949472	8.452246
protein_co	chromosor	8	3	3	3	0	3	0.631515	0.303686	0.285735	0.367575
protein_co	chromosor	1	3	0	43	53	33	0.006086	0.023412	0	0.406169
lincRNA	-	4	1	4	0	1	2	0.073352	0.023516	0.088503	0

protein_co	-	10	5	10	5	3	4	0.286439	0.183659	0.345605	0.222296
protein_co	calpain_8	0	1	0	0	0	0	0	0.023162	0	0
protein_co	TatD_DNas	168	135	130	307	289	176	3.297414	3.397875	3.078617	9.352616
antisense	SERTAD4_a	271	201	198	27	14	16	17.50302	16.64751	15.42968	2.706687
protein_co	chromosor	5	2	0	0	5	1	0.073334	0.037616	0	0
protein_co	complemer	0	1	1	17	5	15	0	0.00805	0.007574	0.16563
protein_co	chromosor	1	3	0	11	21	9	0.046061	0.1772	0	0.786422
protein_co	long_interg	2	5	2	16	3	8	0.066182	0.212173	0.079853	0.82179
protein_co	retinoic_ac	6	1	2	1	0	0	0.254146	0.054318	0.102214	0.065745
protein_co	chromosor	73	36	44	1	3	4	5.82138	3.681416	4.233541	0.123775
protein_co	sterile_alpl	3099	2481	2671	1	3	2	23.8647	24.50025	24.8174	0.011953
protein_co	transmemb	0	0	0	0	1	4	0	0	0	0
protein_co	epithelial_(	3	3	2	3	7	4	0.03257	0.041766	0.026198	0.050553
protein_co	G_protein-(	1	1	3	1	0	0	0.031855	0.040849	0.115303	0.049443
antisense	-	29	27	31	20	41	27	0.749207	0.894493	0.966303	0.801981
protein_co	methyltran	8	4	12	2	4	6	0.378145	0.242459	0.684381	0.146733
protein_co	Fc_fragmer	7	6	10	0	0	0	0.142091	0.156181	0.244916	0
protein_co	transmemb	2	3	1	0	0	0	0.165106	0.317587	0.099605	0
protein_co	centromere	436	324	397	503	561	619	27.25873	25.97607	29.9473	48.81099
pseudogen	misato_hor	25	26	26	18	38	29	0.573228	0.764486	0.719297	0.640605
protein_co	shadow_of	120	58	87	49	62	100	1.773897	1.099473	1.551724	1.124278
protein_co	family_witl	193	144	121	113	95	107	3.5587	3.404912	2.691953	3.234022
protein_co	fibronectin	63	51	58	27	27	16	1.866122	1.93722	2.072886	1.241348
protein_co	loricrin	0	0	0	5	2	0	0	0	0	0.295853
protein_co	keratinocyt	0	0	0	0	0	1	0	0	0	0
protein_co	methyltran	107	65	86	88	99	71	1.398726	1.089612	1.356424	1.785509
protein_co	family_witl	0	0	0	0	0	1	0	0	0	0
pseudogen	coiled-coil_	3	2	1	23	20	7	0.047798	0.040863	0.019224	0.568785
lincRNA	long_interg	1	0	1	1	2	1	0.026269	0	0.031695	0.040773
protein_co	chromosor	16	3	5	3	1	4	1.531103	0.368142	0.577301	0.445591
protein_co	phosphatid	190	153	159	3	2	4	5.857399	6.048559	5.914205	0.14355
antisense	BVES_antis	5	7	4	0	3	0	0.136626	0.245285	0.131878	0
lincRNA	long_interg	0	0	0	9	22	7	0	0	0	1.139162
protein_co	histone_clu	1	0	0	0	0	0	0.028315	0	0	0
protein_co	histone_clu	3	0	1	0	3	2	0.25623	0	0.103052	0
protein_co	histone_clu	30	19	12	23	16	43	2.973997	2.415362	1.435319	3.538976
protein_co	histone_clu	3	3	3	1	3	3	0.134355	0.172292	0.162107	0.069513
protein_co	Protein_LO	12	6	8	3	2	6	0.890317	0.570852	0.716146	0.345474
protein_co	family_witl	0	0	0	2	7	7	0	0	0	0.117103
pseudogen	histone_clu	6	8	9	9	9	14	0.485069	0.829376	0.877896	1.129342
protein_co	neuroblast	32	30	22	2	4	9	0.39177	0.470991	0.324977	0.038005
protein_co	neuroblast	170	184	165	12	14	16	0.50805	0.705155	0.594962	0.055663
protein_co	neuroblast	23	17	18	18	25	7	0.20933	0.19841	0.197663	0.254277
protein_co	pancreatic_	2	1	2	0	0	1	0.039839	0.025544	0.048068	0
pseudogen	profilin_1_	4	2	2	0	0	0	0.448708	0.287702	0.270696	0
processed_	-	0	0	1	0	0	0	0	0	0.009778	0
protein_co	histone_clu	0	0	0	0	1	0	0	0	0	0
pseudogen	hydroxy-de	0	1	1	2	4	1	0	0.053687	0.050514	0.129964
protein_co	hydroxy-de	0	0	0	0	1	0	0	0	0	0
pseudogen	hydroxy-de	0	0	0	1	1	0	0	0	0	0.065098
protein_co	Uncharacte	3	0	0	0	0	1	0.057652	0	0	0
processed_	ATP1A1_op	4	6	5	10	16	4	0.185519	0.356853	0.2798	0.719879
protein_co	RNA_bindi	79	41	63	17	19	22	0.51214	0.340844	0.492777	0.171057
protein_co	chromosor	5	4	5	12	10	6	0.150289	0.154179	0.181332	0.559845
protein_co	chromosor	13	3	3	14	17	6	0.470347	0.139189	0.130962	0.786202
processed_	small_nucl	3309	2639	2617	4199	4761	4425	150.7863	154.2104	143.8854	296.9897
protein_co	Uncharacte	7	8	8	3	5	1	0.308777	0.452529	0.42578	0.205399
protein_co	ripply2_ho	0	0	0	4	6	11	0	0	0	0.438433
protein_co	GDP_dissoc	4850	3667	4020	1670	2020	1442	55.89004	54.18923	55.89421	29.8703
protein_co	protein-L-is	999	782	834	806	1025	714	12.18921	12.23562	12.2779	15.26425
protein_co	SRY_(sex_d	10	8	3	31	44	5	0.272142	0.279187	0.098506	1.309445
processed_	-	0	0	0	4	2	0	0	0	0	0.089191
protein_co	oocyte_exp	0	0	0	5	6	3	0	0	0	0.361369
protein_co	KH_domair	0	0	0	2	1	0	0	0	0	0.142986
protein_co	developme	0	0	0	15	24	7	0	0	0	1.607801

protein_co	chromosor	0	2	0	2	2	0	0	0.138071	0	0.167118
protein_co	SPANX_fam	0	0	0	0	0	2	0	0	0	0
protein_co	Uncharacte	31	46	40	3	3	11	1.052564	2.002875	1.638682	0.158102
protein_co	chromosor	1	0	2	0	0	0	0.037784	0	0.091177	0
protein_co	sterile_alpl	8	7	7	10	27	15	0.239693	0.268951	0.253053	0.465047
protein_co	family_witl	1058	817	802	780	858	627	39.87913	39.49039	36.47392	45.63364
protein_co	coiled-coil_	8	14	9	25	20	20	0.209564	0.470289	0.284458	1.016478
protein_co	chromosor	0	0	0	1	0	0	0	0	0	0.01691
protein_co	EF-hand_ca	88	75	69	35	28	30	1.087305	1.188336	1.028646	0.671223
lincRNA	-	0	1	0	0	0	0	0	0.032432	0	0
protein_co	low_densit	1	0	0	0	0	0	0.059733	0	0	0
antisense	-	0	0	1	2	6	9	0	0	0.017559	0.045177
protein_co	chromosor	325	232	247	472	637	366	10.70172	9.796427	9.813307	24.12364
protein_co	zyg-11_fam	32	32	34	147	226	130	0.335753	0.430556	0.430425	2.393965
processed_	-	6	13	5	1	0	0	0.123341	0.342695	0.124015	0.031907
protein_co	lipocalin_8	0	0	0	0	1	0	0	0	0	0
protein_co	interferon-	0	0	0	0	1	0	0	0	0	0
antisense	COL5A1_ar	17	8	14	0	1	0	2.372412	1.431662	2.357313	0
protein_co	TraB_doma	6	10	11	272	279	141	0.146075	0.3122	0.323121	10.27835
protein_co	lipase_fami	0	1	0	0	0	1	0	0.050234	0	0
protein_co	lipase_fami	9	6	5	2	0	0	0.343098	0.293316	0.229982	0.118341
protein_co	lipase_fami	1	1	3	0	2	0	0.013116	0.01682	0.047476	0
antisense	TRPC5_opp	2	1	0	1	0	0	0.033421	0.021429	0	0.025937
protein_co	leucine-rich	0	0	1	1	0	0	0	0	0.018363	0.023622
protein_co	Uncharacte	0	0	0	0	0	1	0	0	0	0
antisense	-	0	0	0	3	14	4	0	0	0	0.111683
protein_co	Uncharacte	9	2	7	1	2	3	0.219568	0.06257	0.20605	0.037867
protein_co	leucine_ric	35	19	27	25	20	17	0.773763	0.538645	0.720197	0.857848
pseudogen	v-myc_mye	0	0	0	1	4	0	0	0	0	0.067702
lincRNA	-	443	357	357	49	66	40	10.37058	10.71709	10.0836	1.780434
antisense	-	4	9	5	117	136	77	0.091627	0.264371	0.138191	4.159862
protein_co	forkhead_b	18	38	27	136	148	28	0.351968	0.952849	0.637005	4.127628
protein_co	transcriptic	0	1	3	47	62	58	0	0.051481	0.145314	2.928639
protein_co	SYS1_Golgi	252	204	207	167	195	216	4.053614	4.208054	4.01754	4.169546
protein_co	transcriptic	0	0	0	3	3	1	0	0	0	0.197414
pseudogen	-	0	0	0	1	2	2	0	0	0	0.111114
protein_co	inositol_pc	406	319	314	389	526	466	4.055677	4.086367	3.784557	6.03139
protein_co	replication	2	0	3	0	1	0	0.060896	0	0.110212	0
antisense	testis_deve	0	0	1	6	5	8	0	0	0.048563	0.374832
lincRNA	-	0	0	3	0	1	1	0	0	0.306366	0
protein_co	sialidase_4	0	1	1	12	15	1	0	0.019137	0.018006	0.277962
protein_co	v-maf_mus	36	33	31	443	552	397	0.497507	0.584817	0.5169	9.502344
protein_co	TNF_recept	388	298	362	255	359	210	4.251771	4.187586	4.786243	4.337193
lincRNA	-	0	0	0	1	4	2	0	0	0	0.13553
pseudogen	BMP2_indu	2	0	0	1	1	0	0.076555	0	0	0.059412
protein_co	cysteine-ric	182	119	117	125	123	146	1.255551	1.052736	0.973861	1.338454
protein_co	nucleosom	0	0	0	125	137	62	0	0	0	4.45082
protein_co	GRB10_int	1573	1334	1375	1223	1447	1050	9.362528	10.18192	9.874501	11.29851
pseudogen	-	0	0	0	90	154	140	0	0	0	3.76015
protein_co	chromosor	0	0	0	53	78	15	0	0	0	1.05478
protein_co	RUN_and_F	360	299	304	98	115	108	3.741225	3.984665	3.811825	1.580767
protein_co	NHS-like_2	228	159	166	123	150	68	2.687512	2.403378	2.360868	2.250356
pseudogen	glycoprotei	0	0	1	0	1	0	0	0	0.016267	0
protein_co	phosphatas	1197	939	1031	1167	1616	1123	9.067423	9.121467	9.423158	13.72117
protein_co	colipase-lik	0	0	0	0	4	0	0	0	0	0
protein_co	N-acylsphir	71	64	90	35	56	72	0.896148	1.035883	1.370604	0.685678
protein_co	ArfGAP_wit	310	281	331	199	208	242	5.377693	6.251007	6.92804	5.358187
pseudogen	centaurin_	0	2	2	1	5	4	0	0.049715	0.046776	0.030087
protein_co	translocase	15	12	9	10	9	20	0.89713	0.920354	0.649464	0.928314
protein_co	zinc_finger_	903	809	795	728	928	775	13.50612	15.51675	14.3469	16.9007
pseudogen	BMS1_pseu	72	76	55	73	68	97	0.82869	1.121714	0.763783	1.304105
protein_co	chromosor	0	0	0	7	3	4	0	0	0	0.66509
protein_co	ArfGAP_wit	56	53	51	78	80	71	1.085058	1.316892	1.192294	2.345795
protein_co	ArfGAP_wit	9	9	14	4	9	11	0.084318	0.108126	0.158253	0.058166
pseudogen	leucine_ric	5	3	4	2	1	0	0.212557	0.163544	0.20517	0.131967

protein_co	neuropepti	0	0	0	1	1	2	0	0	0	0.037208
protein_co	G_protein_	0	0	0	497	656	200	0	0	0	4.68665
protein_co	synaptotag	64	37	24	26	37	9	0.848448	0.629008	0.383888	0.534994
pseudogen	BMS1_pseu	15	8	9	9	6	10	0.172686	0.118104	0.125013	0.16082
protein_co	transmemb	843	626	637	263	371	467	10.09147	9.609715	9.200561	4.88667
protein_co	zinc_finger	388	285	330	273	260	230	1.769435	1.666698	1.815786	1.932395
lincRNA	long_interg	0	1	1	0	0	0	0	0.053639	0.050469	0
protein_co	gametogen	0	0	0	1	2	2	0	0	0	0.075812
pseudogen	ribosomal_	0	0	0	0	1	0	0	0	0	0
protein_co	acyl-CoA_w	0	0	0	0	1	0	0	0	0	0
protein_co	death-dom	1344	1023	1080	1617	1722	1809	24.11794	23.54106	23.38368	45.03825
protein_co	bone_morp	6689	4916	5676	712	792	399	27.36649	25.79165	28.01872	4.521352
protein_co	transcriptio	77	60	56	1	4	1	2.315928	2.314168	2.032218	0.046684
protein_co	prefoldin_s	534	445	479	616	856	795	13.07534	13.97272	14.15126	23.41115
protein_co	ring_finger	1126	832	882	511	619	545	30.13594	28.55479	28.4815	21.22744
protein_co	hydroxyste	63	56	46	165	159	71	2.98391	3.401281	2.628761	12.12997
protein_co	retinoid_X_	1192	854	964	466	519	356	19.22039	17.65848	18.75474	11.66279
protein_co	oxidoreduc	214	204	170	290	413	285	6.27154	7.666549	6.011147	13.19134
processed_	-	0	2	1	6	4	2	0	0.054515	0.025646	0.197951
protein_co	collagen_ty	41	29	39	72	101	48	0.29922	0.271403	0.343416	0.815587
protein_co	major_hist	3	2	0	382	426	242	0.040318	0.034468	0	7.968439
pseudogen	-	40	33	37	94	107	111	2.128945	2.252308	2.376043	7.765382
protein_co	bromodom	3176	2599	2598	2521	3069	3611	30.4048	31.90636	30.00881	37.45975
protein_co	major_hist	16	23	13	37	34	20	0.432415	0.79711	0.423909	1.552076
processed_	-	3	5	4	2	2	1	0.111026	0.237292	0.178612	0.114885
protein_co	collagen_ty	28699	22481	23425	565	635	855	193.6533	194.5284	190.7154	5.917483
protein_co	proteasom	314	269	259	131	156	95	10.8982	11.97255	10.84608	7.057109
protein_co	transporter	55	37	39	22	50	41	0.453721	0.391415	0.388185	0.281695
protein_co	spindlin_fa	77	65	67	79	101	89	2.161995	2.340381	2.269796	3.442877
processed_	-	619	491	492	394	376	326	18.98294	19.30918	18.20481	18.75425
lincRNA	-	4	3	0	1	2	0	0.063926	0.061482	0	0.024806
protein_co	transmemb	0	0	0	10	7	0	0	0	0	0.302116
processed_	-	5	5	6	18	26	11	0.073449	0.094188	0.106345	0.410412
protein_co	major_hist	28	19	22	14	11	21	1.025719	0.892552	0.972391	0.796029
protein_co	butyrophili	0	0	0	0	0	1	0	0	0	0
protein_co	collagen_ty	749	560	625	5	4	4	6.396034	6.132341	6.439572	0.066272
protein_co	chromosor	0	0	0	2	3	2	0	0	0	0.066986
protein_co	notch_4	7	8	13	29	29	28	0.048663	0.071318	0.109041	0.312915
protein_co	pre-B-cell_l	2110	1565	1624	2612	3294	2129	26.33429	25.04741	24.45532	50.59911
protein_co	advanced_g	51	30	35	67	88	49	1.497427	1.129552	1.239914	3.053379
protein_co	ring_finger	1326	920	939	1604	1837	1545	46.92541	41.7505	40.09389	88.10476
protein_co	1-acylglyce	533	420	405	447	568	450	10.01297	10.11799	9.17992	13.03388
protein_co	deafness_a	15	17	12	20	26	16	0.362178	0.526368	0.349591	0.749535
protein_co	proline-rich	13	17	12	43	58	17	0.219112	0.367436	0.244035	1.124921
protein_co	FK506_bin	119	91	121	105	154	139	4.148633	4.068261	5.089692	5.681695
protein_co	mitochond	22	11	13	20	29	22	0.546388	0.350332	0.389556	0.770972
protein_co	small_integ	8	3	10	8	9	23	0.086354	0.041526	0.130238	0.134033
protein_co	glutamate-r	0	1	0	3	2	3	0	0.10005	0	0.363294
protein_co	Sp5_transc	0	0	0	18	13	84	0	0	0	0.644386
pseudogen	cytochrom	0	1	0	2	2	0	0	0.030507	0	0.073851
protein_co	serine/thre	314	268	264	136	197	145	7.773741	8.508334	7.88592	5.226005
protein_co	BTB_(POZ)_	0	0	0	39	41	66	0	0	0	1.572528
protein_co	dom-3_hor	193	144	163	126	144	131	4.323829	4.136976	4.406024	4.381393
protein_co	superkiller_	1499	1262	1368	1131	1526	1298	15.59533	16.83688	17.17224	18.26358
protein_co	chromosor	3	0	0	128	137	247	0.121898	0	0	8.07263
protein_co	negative_el	1452	1046	1115	1148	1341	1148	36.70313	33.90607	34.0063	45.04108
protein_co	neurexophi	8	2	4	0	0	1	0.165033	0.052908	0.099561	0
lincRNA	-	0	4	0	0	0	0	0	0.051437	0	0
protein_co	zinc_finger	187	121	172	283	431	352	4.676498	3.880376	5.18986	10.9849
protein_co	succinate_d	272	249	247	371	494	501	8.863158	10.40467	9.711014	18.76394
protein_co	euchromat	2035	1568	1737	3869	4707	3589	23.11	22.83447	23.80035	68.19691
protein_co	chromosor	32	36	38	12	19	10	5.954288	8.589971	8.531227	3.465705
antisense	-	13	15	12	6	6	9	0.149882	0.221772	0.16693	0.107371
protein_co	layilin	650	546	524	32	50	43	14.03246	15.1155	13.64897	1.072262
protein_co	solute_carr	7	2	6	42	61	40	0.124613	0.045657	0.128874	1.160498

protein_co	sialidase_1	1124	770	832	756	932	725	11.41776	10.03032	10.19732	11.91974
protein_co	chromosor	2492	1889	1967	1523	1672	1577	110.9686	107.8682	105.6828	105.2646
protein_co	heat_shock	587	461	501	632	1054	430	10.9224	10.99993	11.24775	18.25271
protein_co	heat_shock	384	335	301	285	494	203	7.41894	8.299745	7.016575	8.546454
protein_co	heat_shock	17	30	16	34	53	22	0.313337	0.709078	0.355821	0.972686
protein_co	LSM2_hom	520	444	458	842	838	832	27.83426	30.47675	29.57943	69.95501
protein_co	valyl-tRNA_	5129	4169	4361	6234	8030	6244	55.77433	58.1357	57.21841	105.2201
protein_co	von_Willeb	5	2	5	21	28	8	0.079691	0.040877	0.096151	0.519502
protein_co	caspase_rec	4	7	2	0	0	2	0.178459	0.400484	0.10766	0
protein_co	caspase_12	1	2	0	0	0	0	0.032316	0.08288	0	0
protein_co	methyl-CpG	317	332	322	113	144	116	1.750988	2.351642	2.14599	0.968797
protein_co	mutS_hom	32	31	37	41	50	39	0.376438	0.467643	0.525161	0.748613
protein_co	chromosor	7	7	13	15	18	6	0.136991	0.175671	0.306962	0.455633
protein_co	lymphocyt	2	0	3	0	0	1	0.094536	0	0.171095	0
protein_co	abhydrolas	9	10	6	3	7	5	0.18673	0.266061	0.1502	0.09661
protein_co	lymphocyt	21	17	28	12	19	13	0.689559	0.715831	1.109324	0.611595
pseudogen	-	0	0	0	2	0	0	0	0	0	0.187819
protein_co	casein_kina	46	45	39	43	56	52	1.20365	1.509956	1.231275	1.74639
protein_co	G_patch_d	473	353	397	727	899	787	7.940916	7.599648	8.041703	18.94412
protein_co	chromosor	333	217	246	178	261	229	6.308839	5.271986	5.623262	5.234264
protein_co	family_witl	326	246	319	164	181	146	7.482205	7.240299	8.833865	5.842334
protein_co	apolipopro	12	22	11	24	30	24	0.475237	1.117277	0.525617	1.475266
protein_co	chromosor	2	2	2	2	4	0	0.028953	0.037129	0.034934	0.04494
protein_co	tripartite_r	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	1	0	0	0	1	0	0.027171	0	0
protein_co	BCL2-assoc	7458	5852	6185	7065	7739	5859	90.10712	90.66724	90.1622	132.4889
protein_co	chromosor	0	0	0	1	1	2	0	0	0	0.165034
processed_	diacylglyce	0	1	1	13	16	38	0	0.008119	0.007639	0.127753
protein_co	proline-rich	14660	11105	12354	13985	19284	11996	99.72547	96.87239	101.3976	147.6607
protein_co	allograft_in	3	2	7	16	17	11	0.119212	0.101915	0.335617	0.986845
protein_co	natural_cyt	0	0	0	0	2	0	0	0	0	0
protein_co	leukocyte_	4	8	2	2	4	0	0.10238	0.262576	0.061764	0.079454
protein_co	nuclear_fac	165	131	151	198	261	118	5.234677	5.329502	5.780041	9.749933
protein_co	mitochond	1	2	1	4	6	6	0.049099	0.125926	0.059241	0.304837
protein_co	zinc_finger_	308	205	208	271	366	534	4.590631	3.918184	3.740529	6.269334
protein_co	MHC_class_	516	394	384	495	529	245	9.891762	9.685666	8.881845	14.72854
protein_co	zinc_finger_	121	110	102	440	477	569	1.24314	1.449228	1.264396	7.016458
protein_co	MHC_class_	698	580	537	99	133	103	23.61416	25.16254	21.91995	5.198557
protein_co	zinc_finger_	93	98	104	77	90	66	1.807199	2.442072	2.438397	2.322439
protein_co	major_hist	749	577	628	541	609	418	18.68118	18.45473	18.89863	20.94355
sense_intro	psoriasis_su	0	0	0	1	5	8	0	0	0	0.122732
pseudogen	guanylate_	0	0	0	3	0	1	0	0	0	0.260238
protein_co	POU_class_	6	4	3	46384	56725	45930	0.086248	0.073734	0.052031	1034.892
protein_co	zinc_finger_	3	0	0	1	0	0	0.07435	0	0	0.038467
protein_co	Uncharacte	30	36	31	24	27	22	1.961925	3.019069	2.446082	2.436144
protein_co	coiled-coil_	472	375	420	903	1246	583	7.482112	7.622946	8.033033	22.21777
protein_co	psoriasis_su	3	7	3	2	3	3	0.122322	0.366007	0.147588	0.126574
protein_co	corneodesr	0	0	3	0	0	0	0	0	0.066507	0
protein_co	psoriasis_su	37	32	37	1	5	4	0.45334	0.502784	0.54698	0.019017
protein_co	mucin_21_	0	0	0	0	1	0	0	0	0	0
pseudogen	-	6	5	4	14	20	20	0.796997	0.851697	0.641082	2.886451
protein_co	DEAH_(Asp	1228	936	1071	801	1030	1157	16.71435	16.33715	17.5885	16.9221
protein_co	chromosor	176	145	127	263	295	236	4.172216	4.407897	3.632502	9.676991
protein_co	mitochond	677	555	590	757	767	898	19.71711	20.72797	20.73264	34.22007
protein_co	protein_ph	1859	1559	1577	1974	2517	3121	19.26377	20.71654	19.71703	31.74969
protein_co	keratin_ass	0	0	0	1	0	0	0	0	0	0.071283
protein_co	keratin_ass	0	2	0	1	2	2	0	0.113667	0	0.06879
protein_co	ATP-bindin	2448	1960	2139	2869	3539	4287	32.97523	33.85648	34.76444	59.98427
protein_co	proline_ric	415	343	356	103	140	214	5.674936	6.014733	5.873689	2.186153
protein_co	leukocyte_i	5	7	4	1	2	3	0.082321	0.147791	0.07946	0.025555
protein_co	discoidin_c	843	614	638	6547	7750	5451	9.52948	8.900601	8.701826	114.8721
antisense	-	2	0	3	3	2	2	0.030991	0	0.056089	0.072154
lincRNA	leucine_ric	1	2	0	0	0	0	0.050912	0.130575	0	0
antisense	-	2	1	2	26	26	28	0.044657	0.028633	0.053881	0.901083
processed_	-	6	2	3	6	3	2	0.115493	0.049368	0.069674	0.179261

protein_co	guanine_nu	2634	1918	2092	1082	1337	1201	16.48976	15.39772	15.80186	10.51372
protein_co	major_hist	2811	2255	2189	1504	1609	753	50.67583	52.13098	47.61391	42.08413
protein_co	divergent-p	0	0	0	1	1	0	0	0	0	0.112315
protein_co	tripartite_r	190	156	167	167	189	352	2.520256	2.653536	2.672732	3.438254
protein_co	zinc_finger_	157	117	98	192	237	288	1.670464	1.596366	1.258089	3.170801
protein_co	tripartite_r	0	0	0	2	6	3	0	0	0	0.065745
protein_co	zinc_finger_	144	127	132	318	339	348	1.557592	1.761588	1.722714	5.338864
protein_co	forkhead_b	0	0	0	0	0	19	0	0	0	0
protein_co	tripartite_r	0	0	0	0	1	0	0	0	0	0
protein_co	tripartite_r	0	0	0	0	1	0	0	0	0	0
protein_co	tripartite_r	0	0	0	2	4	0	0	0	0	0.071248
protein_co	ring_finger_	50	33	38	32	39	17	1.062784	0.899494	0.974555	1.055736
protein_co	protein_ph	825	588	752	278	353	326	22.34793	20.42537	24.57815	11.68849
protein_co	Uncharacte	6	6	6	4	7	4	0.156823	0.201103	0.189216	0.162274
pseudogen	major_hist	3	1	0	2	1	0	0.107711	0.046041	0	0.111455
antisense	ZNRD1_ant	75	73	80	110	134	90	0.359917	0.449235	0.463212	0.819341
protein_co	patched_d	12	11	3	170	202	152	0.107896	0.126832	0.032546	2.372496
lincRNA	HLA_compl	1	0	0	1	0	2	0.071153	0	0	0.11044
protein_co	guanine_nu	16027	13125	13068	18121	18357	17521	455.1825	478.0155	447.8066	798.8145
protein_co	major_hist	0	0	0	6	3	3	0	0	0	0.276729
protein_co	TBC1_dom	81	52	54	1309	1471	1063	0.998709	0.82218	0.803333	25.05095
protein_co	major_hist	19	15	19	23	37	20	0.549267	0.556071	0.662722	1.032019
protein_co	ZFP57_zinc	0	1	0	10	10	8	0	0.030369	0	0.367575
protein_co	synovial_sa	0	0	0	1	0	0	0	0	0	0.059171
pseudogen	CRHR1_intr	206	167	157	531	651	268	3.702316	3.84886	3.404505	14.8126
pseudogen	ribosomal_	1	0	0	2	0	1	0.106327	0	0	0.330067
protein_co	aspartate_c	3	4	7	8	10	5	0.13526	0.231268	0.380797	0.559845
protein_co	myelin_oli	0	0	1	5	4	11	0	0	0.022639	0.145618
protein_co	olfactory_r	0	2	0	5	3	5	0	0.113132	0	0.342332
protein_co	chibby_hor	1	3	1	5	2	3	0.059733	0.229795	0.072071	0.463566
protein_co	chromosor	0	2	0	8	6	5	0	0.03706	0	0.179426
pseudogen	cystatin_13	0	0	0	0	1	0	0	0	0	0
sense_over	-	0	1	0	1	5	0	0	0.039429	0	0.047724
protein_co	AKT1_subst	2141	1514	1754	841	1143	1369	27.58009	25.01003	27.26193	16.81533
protein_co	family_witl	0	0	0	1	0	3	0	0	0	0.048199
protein_co	gamma-am	1108	961	1056	791	846	1565	11.47651	12.76447	13.1972	12.71677
protein_co	chromosor	509	376	411	323	542	614	6.279142	5.94812	6.117478	6.184656
processed_	-	65	60	55	34	31	33	1.770977	2.096332	1.808049	1.437835
protein_co	olfactory_r	0	0	0	0	2	0	0	0	0	0
protein_co	olfactory_r	1	0	0	0	0	0	0.045613	0	0	0
antisense	-	44	29	35	4	13	6	0.983863	0.831552	0.944274	0.138827
protein_co	chromosor	0	0	0	0	2	0	0	0	0	0
protein_co	speedy_hor	2	2	3	18	17	11	0.094632	0.121352	0.171268	1.321934
protein_co	chromosor	0	0	0	103	84	117	0	0	0	8.586849
protein_co	tripartite_r	2157	1666	1649	1853	2138	2299	14.43645	14.29864	13.31616	19.24935
protein_co	chromosor	1	0	1	5	2	6	0.01006	0	0.012138	0.078073
pseudogen	-	49	46	45	75	81	86	0.601626	0.724266	0.66664	1.429297
processed_	-	3	1	1	4	7	2	0.068055	0.02909	0.027371	0.140841
protein_co	RAN_bindi	93	71	84	134	145	139	0.920188	0.900868	1.002815	2.057922
protein_co	family_witl	72	55	68	0	0	0	1.125736	1.102747	1.282806	0
pseudogen	-	1	3	0	0	0	0	0.012411	0.047747	0	0
protein_co	KM-PA-2_p	23	22	12	0	2	6	0.547725	0.671841	0.344797	0
pseudogen	-	5	3	3	7	7	5	0.357939	0.275404	0.259124	0.777799
protein_co	forkhead_b	0	0	1	0	0	0	0	0	0.018197	0
protein_co	LOC44142	0	0	0	0	1	0	0	0	0	0
pseudogen	zinc_finger_	1	2	3	161	139	104	0.011705	0.03002	0.042368	2.924999
protein_co	COBW_dor	53	48	45	51	70	61	0.745402	0.865696	0.763617	1.113308
antisense	-	0	6	2	164	254	85	0	0.259553	0.081404	8.586969
pseudogen	phosphogl	8	3	2	7	10	3	0.166056	0.079854	0.050089	0.225524
processed_	-	4	3	4	3	2	5	0.073813	0.070991	0.08906	0.085927
protein_co	Uncharacte	0	0	2	0	2	1	0	0	0.296984	0
pseudogen	family_witl	2	0	1	1	3	5	0.066938	0	0.040382	0.051948
protein_co	family_witl	0	2	0	2	0	0	0	0.08988	0	0.108789
processed_	tetratricop	21	31	24	16	23	15	0.562038	1.06394	0.775007	0.664656
pseudogen	-	1	0	0	0	0	3	0.028264	0	0	0

protein_co	mitochond	35	36	30	5	16	12	1.41235	1.862885	1.460641	0.313166
antisense	ST8SIA6_ar	3	0	1	8	11	6	0.077675	0	0.03124	0.321501
lincRNA	-	29	16	24	28	31	33	0.719476	0.509035	0.718419	1.078219
protein_co	maestro_he	37	30	36	86	106	62	0.500124	0.520004	0.58712	1.804284
protein_co	ataxin_2	1219	1037	1002	806	913	551	12.1563	13.26129	12.05629	12.47565
protein_co	dynactin_1	3631	2755	3017	2724	3030	3062	31.44766	30.598	31.52721	36.61843
lincRNA	family_witl	0	0	0	0	0	1	0	0	0	0
protein_co	paraneopla	92	62	83	190	271	66	0.812713	0.702345	0.884658	2.605155
protein_co	tectonic_fa	214	195	195	80	94	50	2.384049	2.785771	2.621103	1.383318
protein_co	family_witl	82	54	74	111	134	106	2.290043	1.933895	2.493501	4.811529
protein_co	zinc_finger	325	268	301	304	415	357	6.134966	6.487434	6.855566	8.907029
antisense	family_witl	6	3	5	136	170	64	0.081856	0.052485	0.082304	2.879852
protein_co	IGF-like_far	15	17	13	1	0	1	0.366328	0.532399	0.383063	0.037906
protein_co	IGF-like_far	12	8	8	8	5	3	0.206944	0.176917	0.16646	0.214137
protein_co	G_protein-	7	4	5	0	1	2	0.216654	0.158759	0.186718	0
protein_co	mitotic_spi	596	459	508	500	715	534	12.15592	12.00504	12.50124	15.82858
protein_co	chromosor	1	1	2	7	8	1	0.09	0.115412	0.21718	0.977848
protein_co	serine_pep	1	0	0	4	1	0	0.077632	0	0	0.481985
protein_co	leucine_ric	0	0	0	1	0	0	0	0	0	0.081683
protein_co	zinc_finger	51	49	55	57	51	46	0.921183	1.134961	1.198634	1.598016
protein_co	chromosor	36	25	29	48	65	51	0.73778	0.657013	0.717085	1.526849
protein_co	F-box_prot	13	19	31	20	24	11	0.223204	0.418333	0.642197	0.53299
processed_	-	3	1	3	0	0	0	0.111114	0.047496	0.134065	0
protein_co	family_witl	1	0	0	1	4	2	0.012461	0	0	0.019341
processed_	ATP6V0E2_	16	14	15	12	9	11	0.252266	0.283059	0.285351	0.293664
protein_co	CD177_mo	0	0	0	15	12	12	0	0	0	0.439669
protein_co	pregnancy_	0	1	0	1	1	0	0	0.028033	0	0.03393
protein_co	zinc_finger	464	415	382	204	237	213	4.88701	5.605091	4.854412	3.334924
protein_co	zinc_finger	60	53	45	175	200	191	0.873727	0.989714	0.790651	3.955424
antisense	-	0	1	0	0	0	0	0	0.04464	0	0
protein_co	leucine_ric	4	0	5	70	99	67	0.08483	0	0.127941	2.3042
protein_co	F-box_prot	0	0	0	0	0	2	0	0	0	0
protein_co	chromosor	137	108	106	132	172	169	3.696164	3.736489	3.45052	5.52758
protein_co	protocadhe	4	6	4	10	5	13	0.040756	0.078396	0.049175	0.158148
protein_co	-	6	12	14	3	4	4	0.12794	0.32813	0.36019	0.09929
pseudogen	-	23	20	31	197	286	269	0.21377	0.238374	0.347639	2.841947
protein_co	B-cell_acut	0	0	2	0	0	0	0	0	0.046071	0
protein_co	protocadhe	15	21	16	29	38	10	0.110105	0.197672	0.141704	0.330403
protein_co	protocadhe	22	10	8	27	27	11	0.196118	0.114315	0.086046	0.373585
protein_co	protocadhe	8	7	6	10	21	10	0.071848	0.080618	0.065017	0.139398
protein_co	protocadhe	10	10	15	16	19	9	0.089862	0.115235	0.162636	0.223165
protein_co	protocadhe	241	148	174	92	92	96	2.152065	1.694765	1.874717	1.275136
protein_co	protocadhe	124	88	78	29	27	13	1.106654	1.007123	0.83991	0.401716
protein_co	protocadhe	10	8	6	20	23	19	0.089145	0.091452	0.064535	0.276729
protein_co	tripartite_r	622	575	624	380	369	449	4.023395	4.769573	4.870067	3.815192
protein_co	membrane-	0	0	0	0	1	0	0	0	0	0
pseudogen	protease_se	0	1	0	2	6	3	0	0.371172	0	0.898516
lincRNA	-	0	0	0	0	1	0	0	0	0	0
protein_co	spire_hom	100	88	74	236	354	157	1.44946	1.635679	1.294154	5.309438
pseudogen	-	0	0	0	3	0	0	0	0	0	0.116448
protein_co	alanine_an	16	8	11	10	19	17	0.326333	0.209238	0.270696	0.316572
protein_co	Uncharacte	0	0	0	1	0	0	0	0	0	0.040165
protein_co	poly(A)_bin	0	0	0	1	0	0	0	0	0	0.057217
pseudogen	-	0	0	0	7	1	2	0	0	0	0.231994
processed_	-	0	0	0	0	1	5	0	0	0	0
protein_co	polycystic_	0	0	0	3	3	6	0	0	0	0.016698
sense_intrc	-	44	41	25	51	54	30	1.411191	1.686267	0.967433	2.53883
pseudogen	-	0	0	0	1	0	0	0	0	0	0.088864
protein_co	HCG19806	55	44	47	53	89	88	0.371714	0.381336	0.383259	0.555971
processed_	-	16	2	6	1	1	0	0.337035	0.054025	0.152495	0.032695
lincRNA	-	1	0	3	0	0	1	0.004413	0	0.015973	0
protein_co	solute_carr	778	710	647	545	822	754	5.367137	6.281029	5.385369	5.835662
protein_co	lectin_gala	0	0	0	4	2	2	0	0	0	0.515255
protein_co	synaptoner	113	70	85	47	92	41	6.175492	4.905694	5.604799	3.986772
protein_co	transmemb	581	500	566	159	162	139	9.108358	10.05179	10.70603	3.868936

protein_co	family_witl	12	3	5	1	1	1	0.262077	0.084019	0.131755	0.033898
protein_co	chromosor	1	0	1	2	1	0	0.012601	0	0.015204	0.039118
protein_co	cyclin_I_fa	2	3	3	13	13	9	0.039822	0.076598	0.072071	0.401757
protein_co	transmemb	64	30	51	40	101	29	4.179612	2.512387	4.018594	4.054585
protein_co	FSHD_regic	0	1	3	0	0	0	0	0.028633	0.080822	0
pseudogen	cytochrom	1	0	0	0	0	0	0.116933	0	0	0
protein_co	family_witl	0	1	1	2	2	0	0	0.014232	0.013391	0.034452
protein_co	cyclin-depe	1	2	0	1	3	4	0.029923	0.076745	0	0.046445
protein_co	transmemb	3	3	1	42	65	26	0.285915	0.366645	0.114991	6.21291
protein_co	chromosor	9	6	17	34	35	22	0.372143	0.318147	0.848134	2.18211
protein_co	triple_Qxx	192	157	158	143	98	72	2.451766	2.570909	2.434349	2.83429
protein_co	succinate_	235	161	185	222	356	283	9.742842	8.559591	9.254172	14.28569
protein_co	AT_rich_int	2	2	1	3	8	1	0.066464	0.08523	0.040096	0.154741
protein_co	-	6	11	10	10	18	7	0.138728	0.326148	0.278972	0.358875
protein_co	-	1	0	2	0	0	0	0.123071	0	0.296984	0
protein_co	presenilin_	39	48	27	27	44	33	1.587422	2.505408	1.325988	1.705777
protein_co	chromosor	2	5	3	1	0	0	0.115635	0.370714	0.209281	0.089741
pseudogen	-	0	1	0	0	0	0	0	0.046041	0	0
protein_co	zinc_finger	616	472	529	406	531	416	2.850795	2.801151	2.953853	2.916364
protein_co	chromosor	507	397	399	433	615	409	6.751843	6.779758	6.411141	8.9502
protein_co	secretoglol	0	2	2	10	6	5	0	0.048008	0.04517	0.290538
protein_co	coiled-coil_	0	0	0	14	11	17	0	0	0	0.363121
protein_co	leucine-ricl	1017	772	882	1112	1351	2078	9.160036	8.916674	9.585016	15.54574
pseudogen	-	0	0	1	0	0	0	0	0	0.02424	0
pseudogen	family_witl	0	0	2	2	0	0	0	0	0.069717	0.089686
protein_co	proteasom	61	47	36	9	12	18	2.348351	2.320279	1.672182	0.537782
protein_co	vitrin	15	11	6	13	15	24	0.250303	0.235384	0.120802	0.336704
antisense	TTLL10_ant	0	0	0	0	2	0	0	0	0	0
protein_co	Uncharacte	1	0	1	2	2	0	0.051246	0	0.061831	0.159082
protein_co	speedy_ho	96	82	74	44	53	43	2.584065	2.83045	2.403322	1.838296
protein_co	ribosomal_	145	131	134	333	329	361	4.866895	5.638513	5.426713	17.34837
protein_co	E2F_transc	1400	1061	1190	1312	1587	1855	25.10364	24.39683	25.74564	36.51514
pseudogen	diacylglyce	0	0	0	7	14	5	0	0	0	0.684756
protein_co	phosphodi	547	449	478	966	1257	1059	6.983076	7.350471	7.362671	19.14111
protein_co	transmemb	237	197	163	216	301	169	1.32898	1.416595	1.102823	1.879985
pseudogen	-	2	0	2	1	1	5	0.019166	0	0.023125	0.014874
TR_V_gene	T_cell_rece	0	0	0	3	5	1	0	0	0	0.524854
pseudogen	-	3	6	1	6	8	4	0.028557	0.07324	0.011485	0.088648
protein_co	mucin_12_	5	5	3	15	31	10	0.014008	0.017963	0.010141	0.065227
protein_co	golgin_A6_	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	0	1	1	0	0	0	0	0.034509
protein_co	sorting_ne	835	714	712	908	790	831	18.39904	20.17513	18.9294	31.05454
protein_co	5'3'-nucleo	44	20	48	314	476	147	1.275919	0.74372	1.679421	14.13287
pseudogen	-	0	0	0	1	0	1	0	0	0	0.028485
protein_co	glucosamir	0	1	0	2	0	0	0	0.051131	0	0.123775
protein_co	SAP_domai	88	74	77	31	28	48	1.840465	1.984659	1.943048	1.006322
lincRNA	-	6	3	5	1	0	2	0.093843	0.06017	0.094355	0.024276
protein_co	Uncharacte	0	0	0	12	7	2	0	0	0	0.30537
protein_co	G_protein-	371	310	360	19	16	6	4.303859	4.611637	5.038887	0.342112
protein_co	importin_7	3306	2823	2904	5387	5597	4612	25.03931	27.41825	26.53776	63.32818
protein_co	proline_ric	464	384	378	483	600	565	15.82325	16.79261	15.55312	25.56556
protein_co	tectonin_b	893	664	710	329	518	322	6.379157	6.0826	6.119532	3.64786
protein_co	metallothi	0	0	0	83	52	49	0	0	0	8.666748
protein_co	solute_carr	1	9	6	9	2	2	0.017438	0.201253	0.126238	0.243592
protein_co	metallothi	3	2	0	1	0	3	0.355227	0.303686	0	0.183787
protein_co	chromosor	23	14	18	124	178	106	0.489324	0.38195	0.46205	4.094689
protein_co	metallothi	8	0	6	4	3	15	0.452497	0	0.409473	0.351169
protein_co	complemer	22	24	14	0	1	0	0.436002	0.609939	0.334766	0
protein_co	sterile_alp	100	80	83	2	0	0	0.684326	0.702041	0.685313	0.021243
antisense	-	3	4	4	0	0	2	0.056975	0.097416	0.091657	0
protein_co	CTD_nucle	318	256	267	120	165	121	5.029014	5.191645	5.094658	2.945557
antisense	-	0	1	0	9	3	0	0	0.017348	0	0.188984
protein_co	keratin_81	20	6	14	0	1	3	0.486159	0.187029	0.410605	0
protein_co	exocyst_co	0	0	0	0	2	1	0	0	0	0
protein_co	keratin_ass	0	0	0	0	2	0	0	0	0	0

protein_co	IZUMO_fam	0	1	1	0	0	0	0	0.048926	0.046034	0
protein_co	keratin_ass	0	0	0	1	0	1	0	0	0	0.063342
protein_co	ATPase_H+_	33	24	22	54	53	23	0.439095	0.409511	0.353196	1.115241
protein_co	coiled-coil_	404	335	347	830	951	827	3.569543	3.795644	3.699209	11.38256
pseudogen	-	9	12	15	21	17	12	0.449425	0.768432	0.903762	1.627663
pseudogen	-	47	47	42	47	41	51	0.826333	1.059655	0.890953	1.282584
antisense	CALML3_ar	2	1	2	0	1	0	0.020697	0.013271	0.024973	0
pseudogen	olfactory_r	0	0	0	1	0	0	0	0	0	0.071775
processed_	-	1	1	0	2	2	0	0.02385	0.030585	0	0.074038
protein_co	C2_calcium	20	11	15	5	6	7	0.59392	0.41889	0.537449	0.230462
pseudogen	-	3	1	0	1	0	0	0.102754	0.043922	0	0.053163
pseudogen	-	0	1	3	0	1	0	0	0.032503	0.091744	0
pseudogen	-	1	6	3	0	1	0	0.025346	0.195016	0.091744	0
protein_co	ral_guanine	0	0	0	677	842	386	0	0	0	19.38313
protein_co	nucleosom	3126	2523	2528	2929	3312	3678	58.37443	60.41715	56.95853	84.89528
pseudogen	-	42	38	29	26	28	52	0.466567	0.541325	0.388697	0.4483
protein_co	thymosin_l	29671	23170	25084	25030	31534	26507	817.4346	818.5707	833.8073	1070.316
protein_co	transmemb	20	19	11	41	49	22	1.835226	2.235746	1.217868	5.839475
protein_co	chromosor	0	3	0	0	0	0	0	0.475961	0	0
antisense	-	14	7	12	5	13	12	1.135744	0.728216	1.174578	0.629583
protein_co	carnitine_p	5	1	0	2	15	10	0.079935	0.020501	0	0.049628
lincRNA	-	33	28	23	0	1	0	0.88573	0.963729	0.744841	0
pseudogen	-	2	3	4	6	8	0	0.021633	0.041612	0.052203	0.100733
protein_co	survival_of	37	54	56	57	67	79	1.102944	2.064214	2.014131	2.637285
protein_co	small_EDRI	20	16	15	14	20	16	0.496453	0.509305	0.44925	0.539395
pseudogen	POM121_t	44	31	30	37	53	41	0.672697	0.607768	0.553396	0.878009
pseudogen	dynein_ligh	0	1	1	1	2	1	0	0.222703	0.209539	0.269555
pseudogen	-	2	2	0	0	0	0	0.046334	0.059417	0	0
protein_co	high_mobil	5356	4318	4571	5488	7628	6746	58.41892	60.39555	60.15507	92.90894
pseudogen	stromal_an	122	105	115	51	66	86	3.146635	3.472843	3.578759	2.041678
pseudogen	-	0	3	1	2	0	0	0	0.385447	0.120888	0.311025
protein_co	mucin_19_	5	4	0	4	3	7	0.011981	0.012291	0	0.014877
protein_co	DENN/MAD	82	56	50	19	28	13	1.56938	1.374395	1.154602	0.564415
protein_co	eukaryotic_	100	95	85	145	191	201	1.514535	1.845068	1.553268	3.408615
lincRNA	-	4	2	1	10	17	11	0.056358	0.036136	0.017	0.218689
lincRNA	-	0	1	0	0	0	2	0	0.015728	0	0
protein_co	leucine_ca	451	388	394	754	816	684	13.83087	15.25857	14.57865	35.8901
lincRNA	-	0	0	0	3	8	0	0	0	0	0.06373
protein_co	major_facil	1	3	6	10	10	9	0.016546	0.063652	0.119779	0.256809
protein_co	variable_ch	0	0	0	6	5	3	0	0	0	0.372911
protein_co	cysteine-ric	204	151	159	166	265	133	5.101634	4.842453	4.797603	6.443438
pseudogen	-	9	6	3	4	3	0	0.485069	0.414688	0.195088	0.33462
protein_co	lin-52_hom	302	264	261	163	177	188	5.104825	5.722518	5.323074	4.276535
processed_	-	0	1	1	0	0	0	0	0.027406	0.025786	0
protein_co	HCG19813	154	108	139	203	258	251	7.831955	7.043403	8.529279	16.02419
protein_co	arylsulfatas	1	0	3	1	0	0	0.025008	0	0.090521	0.038816
protein_co	acyl-CoA_th	0	0	0	3	4	2	0	0	0	0.21747
protein_co	small_integ	166	125	158	157	191	119	4.191569	4.047509	4.81364	6.153166
lincRNA	-	8	4	3	4	2	2	0.180433	0.11569	0.081639	0.140028
protein_co	D4_zinc_an	203	165	185	8	13	4	2.534933	2.642188	2.787342	0.155057
protein_co	MANSC_do	3	1	3	0	0	0	0.137507	0.058778	0.165911	0
antisense	ADARB2_ar	0	0	0	1	0	0	0	0	0	0.114254
polymorph	cytochrom	15	19	14	25	39	14	0.404689	0.657345	0.455729	1.04689
pseudogen	long_interg	4	6	1	10	14	5	0.124212	0.238926	0.037467	0.481985
protein_co	LYR_motif_	79	66	65	33	41	48	3.255107	3.487317	3.231466	2.110486
protein_co	chromosor	43	26	33	45	73	17	0.630282	0.488707	0.583617	1.023786
protein_co	intersectin_	1534	1271	1376	1954	2185	1817	4.227404	4.491623	4.575251	8.358021
protein_co	inositol_14	3580	2684	2946	131	192	117	21.82065	20.9786	21.66534	1.239328
protein_co	Uncharacte	1	0	1	1	3	1	0.025008	0	0.030174	0.038816
protein_co	DENN/MAD	3	1	1	581	735	312	0.047961	0.020501	0.019289	14.417
protein_co	-	0	1	0	0	0	0	0	0.040167	0	0
pseudogen	-	217	173	153	64	90	81	1.588624	1.624115	1.351452	0.72723
protein_co	cytokine_re	0	0	0	3	1	2	0	0	0	0.210956
protein_co	crystallin_z	359	296	292	148	219	135	6.580733	6.957944	6.458189	4.210872
pseudogen	retinitis_pi	214	172	163	3	1	1	7.701047	7.937318	7.077366	0.167567

protein_co	chromosor	663	558	581	370	451	611	5.931708	6.401913	6.271774	5.138051
pseudogen	cation_cha	22	11	21	25	42	17	0.624066	0.400138	0.718745	1.100723
protein_co	arrestin_dc	0	1	0	0	0	0	0	0.036709	0	0
processed_	-	5	8	7	7	13	12	0.076343	0.156639	0.128958	0.165893
protein_co	loss_of_het	19	5	8	7	6	3	0.579265	0.19548	0.294281	0.331247
pseudogen	-	5	2	0	2	1	0	0.14535	0.074556	0	0.090242
protein_co	cystin_1	1316	839	979	32	44	11	22.53735	18.42546	20.22915	0.850604
protein_co	phosphatic	145	103	97	179	294	159	2.297753	2.093062	1.854621	4.402698
processed_	-	21	26	17	19	32	41	0.372424	0.591291	0.363761	0.523002
processed_	transmemb	0	0	0	1	2	1	0	0	0	0.042561
lincRNA	-	1	0	1	0	0	0	0.018689	0	0.022549	0
protein_co	chromosor	0	3	1	35	69	37	0	0.047185	0.014799	0.666307
protein_co	geminin_co	1	0	0	0	0	0	0.013703	0	0	0
lincRNA	long_interg	0	0	0	1	2	0	0	0	0	0.034153
protein_co	tetratricop	2	0	7	27	29	16	0.027501	0	0.116137	0.576262
protein_co	C-type_lect	1	0	0	3	2	0	0.027878	0	0	0.129809
protein_co	RFPL3_anti	3	7	0	8	5	1	0.108626	0.325026	0	0.449605
protein_co	chromosor	0	0	0	6	22	9	0	0	0	0.228747
protein_co	leucine_ric	1	0	0	0	0	0	0.04689	0	0	0
antisense	C1QTNF9B_	1	0	0	1	1	0	0.058248	0	0	0.09041
protein_co	C1q_and_t	0	1	0	0	1	1	0	0.054122	0	0
protein_co	keratin_ass	0	0	0	0	2	0	0	0	0	0
protein_co	keratin_ass	0	0	0	1	0	1	0	0	0	0.077261
pseudogen	ribosomal_	1	1	3	3	2	1	0.059205	0.075921	0.214301	0.275681
protein_co	Uncharacte	61	43	58	97	146	119	1.143659	1.033819	1.312027	2.822727
pseudogen	family_witl	1	2	0	5	5	0	0.019352	0.049633	0	0.150185
protein_co	defensin_b	0	0	0	1	2	1	0	0	0	0.068725
antisense	C1RL_antis	121	92	89	46	59	48	1.076193	1.049306	0.955087	0.635029
antisense	-	1	0	2	114	204	110	0.015319	0	0.036965	2.710519
pseudogen	olfactory_r	0	0	0	0	3	0	0	0	0	0
pseudogen	-	1	1	0	0	2	0	0.08169	0.104756	0	0
protein_co	basic_helix	0	1	0	24	56	4	0	0.066663	0	1.936491
pseudogen	zinc_finger_	1293	888	974	395	705	504	20.10905	17.70987	18.2768	9.534999
antisense	SRRM2_ant	12	12	15	7	17	30	0.159716	0.204813	0.240884	0.144609
pseudogen	-	62	55	35	31	22	35	1.217923	1.385479	0.829553	0.945192
protein_co	one_cut_ho	0	0	1	2	3	0	0	0	0.006802	0.017499
protein_co	oligodendr	1	1	1	4	11	2	0.014375	0.018433	0.017344	0.089246
protein_co	chromosor	0	0	0	1	2	0	0	0	0	0.018714
protein_co	chromosor	5	1	1	2	4	0	0.095577	0.024513	0.023064	0.059339
protein_co	RNA_bindi	2005	1599	1686	2855	3670	3291	28.17335	28.81257	28.58445	62.26741
pseudogen	heat_shock	3	2	3	5	6	6	0.064646	0.055266	0.077999	0.167233
pseudogen	heat_shock	0	1	0	0	0	1	0	0.027431	0	0
processed_	-	8	3	5	43	51	16	0.117079	0.056301	0.088289	0.976758
protein_co	LOC40129(	0	1	0	3	0	0	0	0.042256	0	0.153436
pseudogen	-	13	14	10	10	20	14	0.24729	0.341508	0.229515	0.295253
protein_co	NYN_doma	3612	2875	2997	813	1133	761	21.55616	22.00244	21.58035	7.530861
protein_co	DnaJ_(Hsp4	284	224	241	381	448	429	8.169794	8.263236	8.364845	17.01172
protein_co	interferon_	1	4	1	0	5	3	0.063709	0.326792	0.076869	0
protein_co	small_integ	4	5	0	0	0	0	0.073438	0.117717	0	0
processed_	-	4	9	4	3	0	0	0.07178	0.207106	0.086606	0.083559
protein_co	Uncharacte	1	3	3	2	3	1	0.049936	0.192108	0.180752	0.155016
protein_co	docking_pr	195	128	131	79	75	65	1.028521	0.865761	0.833677	0.64675
protein_co	hematologi	2459	1953	2082	2168	2548	3578	31.01198	31.58512	31.68107	42.43857
pseudogen	immunoglo	2	3	5	2	4	0	0.216083	0.415644	0.651792	0.335391
protein_co	transmemb	0	0	0	2	3	0	0	0	0	0.168083
protein_co	serpin_pep	0	0	0	0	0	1	0	0	0	0
protein_co	serpin_pep	2	0	0	0	0	0	0.033697	0	0	0
protein_co	zinc_finger_	1	0	0	11	13	8	0.017157	0	0	0.29293
pseudogen	-	3	1	0	7	9	10	0.095176	0.040683	0	0.344695
pseudogen	EGF-like_an	14	13	17	22	22	13	0.282106	0.335921	0.413315	0.688077
protein_co	golgin_A8_	21	20	10	2	5	2	0.493085	0.602201	0.283302	0.072889
lincRNA	-	25	28	43	25	36	12	0.458268	0.658184	0.951035	0.711296
processed_	transmemb	8	5	6	35	23	17	0.144666	0.115946	0.130911	0.982373
pseudogen	-	0	0	0	5	2	1	0	0	0	0.168784
pseudogen	-	1	0	0	3	2	3	0.100622	0	0	0.468539

pseudogen	hect_doma	309	299	305	184	221	277	2.793332	3.466129	3.326688	2.58174
pseudogen	glycogenin_	18	9	8	21	18	10	0.894089	0.573271	0.479453	1.619042
pseudogen	-	1	2	0	2	2	3	0.138319	0.354748	0	0.429379
protein_co	hemoglobi	0	2	0	0	1	0	0	0.178427	0	0
lincRNA	-	2	1	1	7	19	4	0.11901	0.076307	0.071796	0.646521
pseudogen	hemoglobi	0	0	0	0	1	0	0	0	0	0
protein_co	transcriptic	1	1	1	3	2	0	0.015394	0.019741	0.018574	0.071681
protein_co	ATPase_cla	499	350	412	111	154	106	3.458191	3.110468	3.445035	1.193993
processed_	-	18	17	7	1	2	7	0.204067	0.247149	0.095752	0.017597
protein_co	ankyrin_rep	0	0	2	0	0	0	0	0	0.045792	0
pseudogen	heterogene	4	3	4	8	14	14	0.248095	0.23861	0.299341	0.770157
antisense	-	0	0	0	1	0	0	0	0	0	0.090298
protein_co	Protein_LO	2	0	3	0	1	2	0.148152	0	0.26813	0
protein_co	proline_ric	0	1	0	0	0	0	0	0.026064	0	0
protein_co	chromosor	3	0	0	80	88	106	0.03976	0	0	1.645671
processed_	HLA_compl	25	13	10	41	45	13	0.441027	0.294089	0.21285	1.122638
pseudogen	major_hist	4	5	0	13	8	12	0.137306	0.220094	0	0.692634
protein_co	HLA_compl	2	4	4	3	14	3	0.054523	0.139837	0.131571	0.126942
pseudogen	-	1	0	0	0	0	0	0.014876	0	0	0
protein_co	collagen_ty	3	2	2	0	4	5	0.014682	0.012552	0.01181	0
antisense	H1FX_antis	26	19	32	56	51	49	0.4689	0.43941	0.696314	1.567565
protein_co	RAB12_me	419	308	369	734	1415	762	9.193691	8.666344	9.769004	24.99784
protein_co	transmemb	448	342	332	233	403	295	6.385024	6.250575	5.709139	5.154314
pseudogen	peptidylpr	2	1	0	1	0	2	0.180694	0.115857	0	0.140231
protein_co	major_hist	1532	1181	1106	1267	1405	1125	38.45584	38.01568	33.49706	49.36403
protein_co	protein_ty	571	441	487	522	676	653	6.289453	6.229091	6.472227	8.924373
protein_co	WD_repeat	137	109	129	6	9	11	0.626175	0.638868	0.711399	0.042565
protein_co	CD200_rec	0	1	1	4	4	1	0	0.037652	0.035426	0.182291
protein_co	Uncharacte	87	56	72	5	8	12	4.765691	3.933725	4.758687	0.425116
protein_co	leukemia_N	36	26	36	86	115	73	0.763819	0.707409	0.921592	2.832155
protein_co	vestigial_lik	1000	721	804	94	112	268	4.508656	4.168614	4.373722	0.657817
protein_co	protease_se	0	0	0	9	18	5	0	0	0	0.22144
protein_co	tripartite_r	0	0	0	9871	12076	9982	0	0	0	93.42125
protein_co	zinc_finger_	11	18	10	2	4	7	0.300577	0.630732	0.329694	0.084825
protein_co	ankyrin_rep	1633	1369	1501	709	837	879	11.66536	12.54078	12.93721	7.861194
protein_co	collagen-lik	99	73	89	16	27	25	1.475091	1.394813	1.600006	0.370028
protein_co	methyltran	156	138	145	125	118	138	1.819613	2.064157	2.040659	2.263054
lincRNA	-	33	35	23	28	48	41	0.815694	1.109406	0.685944	1.074241
antisense	SETD5_anti	264	230	283	204	277	325	3.805399	4.251415	4.921878	4.564119
protein_co	XK_Kell_blo	3	0	0	27	35	21	0.035335	0	0	0.493608
protein_co	glutathione	36	27	28	227	204	227	1.03181	0.992362	0.968285	10.09842
protein_co	deiodinase_	30	17	26	3	0	2	0.220936	0.160548	0.231029	0.034292
protein_co	chromosor	524	331	369	730	1130	621	16.89847	13.68842	14.35788	36.54007
pseudogen	gonadotrop	32	21	15	26	33	8	0.938387	0.789697	0.530727	1.183411
protein_co	deiodinase_	8	5	1	1	0	0	0.201569	0.161552	0.030401	0.039108
polymorph	aldo-keto_r	19	16	21	7	20	6	0.421234	0.454883	0.561743	0.240879
protein_co	serine/thre	964	769	832	488	559	610	8.919096	9.123878	9.287849	7.008
protein_co	SAC1_supp	807	681	665	1314	1449	1203	8.118482	8.785323	8.071811	20.51763
protein_co	translin	1681	1293	1423	1305	1594	1883	23.0474	22.73328	23.54004	27.77124
protein_co	solute_carr	351	222	279	229	258	119	5.467906	4.434822	5.244042	5.537068
IG_V_gene	immunoglo	1	0	2	0	1	0	0.12372	0	0.298551	0
IG_V_gene	immunoglo	0	0	0	0	1	0	0	0	0	0
TR_V_gene	T_cell_rece	0	0	0	0	0	3	0	0	0	0
TR_V_gene	T_cell_rece	0	0	0	1	0	1	0	0	0	0.131847
TR_V_gene	T_cell_rece	0	0	0	1	3	0	0	0	0	0.105785
TR_V_gene	T_cell_rece	0	0	0	0	2	2	0	0	0	0
TR_V_gene	T_cell_rece	0	0	0	0	1	1	0	0	0	0
TR_V_gene	T_cell_rece	0	1	1	0	0	0	0	0.15146	0.142508	0
TR_V_gene	T_cell_rece	0	3	0	0	0	0	0	0.462537	0	0
TR_V_gene	T_cell_rece	1	0	0	0	0	0	0.113811	0	0	0
TR_V_gene	T_cell_rece	0	0	0	0	1	0	0	0	0	0
TR_V_gene	T_cell_rece	0	0	0	0	1	0	0	0	0	0
TR_J_gene	T_cell_rece	0	0	0	0	0	1	0	0	0	0
TR_C_gene	T_cell_rece	9	3	2	75	83	48	0.556742	0.237981	0.149276	7.201168
TR_V_gene	T_cell_rece	0	0	0	1	0	0	0	0	0	0.184253

TR_V_gene	T_cell_rece	0	0	0	1	0	0	0	0	0.206761
TR_V_gene	T_cell_rece	0	0	0	1	0	0	0	0	0.180148
TR_V_gene	T_cell_rece	0	0	0	1	0	0	0	0	0.128586
TR_V_gene	T_cell_rece	3	1	3	1	4	1	0.412522	0.176334	0.497732	0.213431
TR_V_gene	T_cell_rece	203	186	181	8	11	10	26.44076	31.06706	28.44491	1.617329
TR_V_gene	T_cell_rece	0	1	0	0	0	0	0	0.135123	0	0
TR_V_gene	T_cell_rece	8	6	10	0	0	0	0.79983	0.769251	1.206301	0
TR_J_gene	T_cell_rece	1	0	0	0	0	0	0.744286	0	0	0
TR_J_gene	T_cell_rece	1	1	0	0	0	0	0.868334	1.113515	0	0
TR_J_gene	T_cell_rece	1	1	1	0	0	0	0.756291	0.969835	0.912508	0
TR_J_gene	T_cell_rece	1	0	0	0	0	0	0.768689	0	0	0
TR_J_gene	T_cell_rece	0	0	0	0	1	0	0	0	0	0
TR_J_gene	T_cell_rece	3	4	0	0	0	0	2.268872	3.879342	0	0
TR_J_gene	T_cell_rece	0	1	1	0	0	0	0	0.954441	0.898024	0
TR_J_gene	T_cell_rece	0	2	0	0	0	1	0	2.004327	0	0
TR_J_gene	T_cell_rece	4	0	2	0	0	0	3.178984	0	1.917814	0
TR_J_gene	T_cell_rece	1	1	0	0	0	0	0.808449	1.036721	0	0
TR_J_gene	T_cell_rece	0	3	0	0	0	0	0	2.733173	0	0
TR_J_gene	T_cell_rece	1	0	2	0	0	0	0.822632	0	1.985105	0
TR_J_gene	T_cell_rece	0	1	0	0	0	0	0	1.002163	0	0
TR_J_gene	T_cell_rece	0	1	0	0	0	0	0	0.911058	0	0
TR_J_gene	T_cell_rece	1	1	0	0	0	0	0.794746	1.019149	0	0
TR_J_gene	T_cell_rece	2	0	0	0	0	0	1.563001	0	0	0
TR_J_gene	T_cell_rece	1	0	0	1	0	0	0.7815	0	0	1.212997
TR_J_gene	T_cell_rece	1	0	0	0	0	0	0.744286	0	0	0
TR_J_gene	T_cell_rece	1	0	0	0	0	0	0.852546	0	0	0
TR_J_gene	T_cell_rece	0	0	1	0	0	0	0	0	0.992553	0
TR_J_gene	T_cell_rece	1	0	1	0	0	0	0.7815	0	0.942925	0
TR_J_gene	T_cell_rece	1	0	2	0	0	0	0.710455	0	1.714409	0
TR_J_gene	T_cell_rece	0	1	0	0	0	0	0	0.954441	0	0
TR_J_gene	T_cell_rece	0	0	2	0	0	0	0	0	1.88585	0
TR_J_pseuc	T_cell_rece	0	0	2	0	0	0	0	0	1.825016	0
TR_J_gene	T_cell_rece	0	2	0	0	0	0	0	1.908882	0	0
TR_J_gene	T_cell_rece	1	0	1	0	0	0	0.7815	0	0.942925	0
TR_J_gene	T_cell_rece	3	0	0	0	0	0	2.344501	0	0	0
TR_J_gene	T_cell_rece	1	0	0	0	0	0	0.732657	0	0	0
TR_J_gene	T_cell_rece	0	1	0	0	0	0	0	0.985734	0	0
TR_J_gene	T_cell_rece	4	0	1	0	0	0	3.126001	0	0.942925	0
TR_J_gene	T_cell_rece	1	3	2	0	0	0	0.794746	3.057447	1.917814	0
TR_J_gene	T_cell_rece	0	1	0	1	0	0	0	0.969835	0	1.173868
TR_J_gene	T_cell_rece	0	0	0	2	0	0	0	0	0	2.425993
TR_J_gene	T_cell_rece	0	1	2	0	0	0	0	0.954441	1.796048	0
TR_J_gene	T_cell_rece	0	1	0	0	0	0	0	0.969835	0	0
protein_co	proline_ric	7	6	3	6	12	43	0.20014	0.219987	0.103492	0.266268
protein_co	taste_recep	12	2	7	6	6	5	0.561557	0.12002	0.395238	0.435807
pseudogen	taste_recep	7	3	3	2	1	4	0.353696	0.194385	0.182895	0.156853
protein_co	taste_recep	0	1	0	0	1	2	0	0.06013	0	0
protein_co	taste_recep	17	20	12	7	4	18	0.429026	0.647253	0.365396	0.274197
protein_co	taste_recep	3	0	2	0	2	0	0.085932	0	0.069121	0
pseudogen	-	11	13	16	29	32	18	0.889293	1.347737	1.560704	3.63899
protein_co	Uncharacte	23	26	10	20	8	6	0.604863	0.876823	0.317305	0.816375
protein_co	HCG20323	10	11	8	5	4	10	0.298283	0.420756	0.287916	0.231488
lincRNA	-	202	194	203	282	377	351	5.908786	7.277093	7.164584	12.80343
pseudogen	-	0	0	0	0	1	0	0	0	0	0
protein_co	cutaneous_	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	2	0	0	0	0	0	0.104847	0	0
protein_co	chromosor	1207	907	981	470	628	508	7.151409	6.891297	7.012961	4.322278
protein_co	keratin_ass	1	0	0	0	0	0	0.040527	0	0	0
protein_co	keratin_ass	2	1	0	0	0	0	0.110329	0.070741	0	0
protein_co	-	6	4	3	16	15	3	0.11502	0.098332	0.069389	0.476074
protein_co	family_witl	908	688	687	119	168	154	21.10864	20.51031	19.26989	4.2939
processed_	long_interg	7	13	6	9	9	9	0.131397	0.312925	0.13589	0.262217
pseudogen	suppressio	4	0	3	1	1	6	0.168973	0	0.152907	0.065567
pseudogen	ribosomal_	68	60	62	88	109	90	5.184587	5.866322	5.703547	10.41402
protein_co	olfactory_r	1	1	1	13	10	4	0.050257	0.064448	0.060638	1.014081

pseudogen	ribosomal_	0	1	0	5	5	5	0	0.137912	0	0.834631
protein_co	ring_finger_	64	48	50	278	350	187	2.662787	2.560985	2.510005	17.95278
protein_co	mitochond	2430	2079	2207	3495	5061	2797	383.6456	420.9086	420.4112	856.4492
protein_co	microtubul	98	72	66	52	53	81	0.84316	0.794375	0.685135	0.694413
pseudogen	ribosomal_	1	0	0	0	0	0	0.101274	0	0	0
protein_co	keratin_ass	0	0	0	1	1	0	0	0	0	0.162818
pseudogen	-	0	0	2	0	0	0	0	0	0.066132	0
pseudogen	-	1	0	0	1	0	0	0.03669	0	0	0.056948
processed_	-	96	59	71	81	87	74	1.918773	1.512216	1.712217	2.512858
protein_co	POU_class_	2	1	2	125	177	124	0.017506	0.011225	0.021122	1.698241
pseudogen	ribosomal_	2	2	3	2	6	5	0.226522	0.290482	0.409967	0.351593
protein_co	HCG20091	2	1	2	1	5	0	0.050419	0.032328	0.060834	0.039129
protein_co	RBM12B_a	17	20	30	16	11	15	1.22072	1.841648	2.599181	1.783272
pseudogen	basic_trans	2	2	0	2	0	0	0.199957	0.256417	0	0.310362
pseudogen	-	0	1	0	0	0	0	0	0.157408	0	0
protein_co	zinc_finger_	620	472	456	339	385	289	20.50198	20.015	18.19353	17.3994
pseudogen	-	7	3	9	16	13	1	0.759792	0.417568	1.178656	2.695548
protein_co	zinc_finger_	221	188	219	218	254	292	2.160695	2.357048	2.58341	3.308173
protein_co	synaptotag	0	0	0	192	227	115	0	0	0	4.79373
protein_co	nucleopori	1695	1292	1334	1783	2143	2020	22.13888	21.64003	21.02276	36.14663
pseudogen	COX20_Co	3	1	1	4	6	4	0.394034	0.168431	0.158475	0.81546
pseudogen	cofilin_1_(	1	0	0	0	0	0	0.094157	0	0	0
pseudogen	-	2	0	2	1	2	6	0.10351	0	0.124891	0.080331
pseudogen	aurora_kin	1	0	0	1	0	0	0.038688	0	0	0.060049
pseudogen	-	4	0	3	0	0	0	0.326191	0	0.295177	0
pseudogen	-	1	1	0	2	1	4	0.084946	0.108931	0	0.263695
pseudogen	-	0	0	0	1	2	4	0	0	0	0.140773
pseudogen	eukaryotic_	1	0	0	0	1	0	0.034811	0	0	0
protein_co	DENN/MAD	325	232	283	36	28	29	2.189548	2.004327	2.300412	0.376447
pseudogen	olfactory_r	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	1	0	0	0	0	0	0.063295	0	0
pseudogen	tropomyos	0	0	0	0	2	2	0	0	0	0
pseudogen	-	3	0	0	2	2	1	0.208092	0	0	0.215325
protein_co	chromosor	6	2	1	0	2	3	0.108416	0.046343	0.021802	0
pseudogen	-	0	0	3	2	0	3	0	0	0.475424	0.40773
pseudogen	-	0	0	0	2	2	1	0	0	0	0.344113
pseudogen	profilin_1_	2	1	0	0	0	1	0.24108	0.154575	0	0
pseudogen	-	15	20	13	11	14	11	0.480759	0.822007	0.502722	0.547217
pseudogen	-	0	0	1	0	0	0	0	0	0.123798	0
protein_co	SFT2_doma	283	246	230	71	80	70	11.48907	12.80687	11.26612	4.47391
protein_co	FGFR1_onc	361	296	305	371	473	588	4.372848	4.597887	4.457641	6.975279
pseudogen	-	0	0	0	1	1	0	0	0	0	0.175373
pseudogen	keratin_8_p	0	1	0	0	1	0	0	0.106802	0	0
pseudogen	high_mobil	0	0	2	0	5	2	0	0	0.189216	0
pseudogen	lipoproteir	15	7	16	4	10	20	0.297023	0.177749	0.382267	0.122939
pseudogen	-	49	41	40	28	25	28	0.733827	0.787391	0.722779	0.650857
pseudogen	-	0	2	2	0	1	0	0	0.207344	0.195088	0
protein_co	family_witl	1	0	3	0	0	1	0.020557	0	0.074409	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.077923
protein_co	SR-related_	785	614	723	655	830	1109	7.281635	7.303599	8.091808	9.430419
pseudogen	-	6	5	4	4	11	10	0.256463	0.274065	0.206292	0.265378
pseudogen	-	0	0	0	1	3	0	0	0	0	0.098484
pseudogen	protein_ph	0	0	0	4	5	5	0	0	0	0.655674
protein_co	coiled-coil_	17	19	17	1	0	2	0.403406	0.578171	0.486733	0.036832
protein_co	Duffy_bloo	0	0	0	4	4	1	0	0	0	0.15306
pseudogen	phosducin-	4	5	5	2	1	1	0.259778	0.416411	0.391797	0.201606
pseudogen	-	1	2	2	1	3	0	0.016958	0.043494	0.040923	0.026322
protein_co	zinc_finger_	221	162	144	390	342	345	2.612224	2.455515	2.053661	7.15506
pseudogen	nucleopho	0	0	1	5	4	5	0	0	0.065405	0.420692
pseudogen	-	3	1	0	5	4	2	0.108458	0.046361	0	0.28057
pseudogen	cytochrom	2	1	0	0	0	0	0.08336	0.053449	0	0
pseudogen	tubulin_be	0	0	0	7	9	1	0	0	0	0.48153
pseudogen	coiled-coil-	0	0	0	0	1	0	0	0	0	0
pseudogen	lin-28_hom	1	0	0	0	0	0	0.115778	0	0	0
protein_co	Tctex1_dor	48	25	35	16	36	10	2.813401	1.879056	2.475178	1.455596

pseudogen	tyrosine_3-	9	5	8	1	2	3	0.59606	0.424645	0.639271	0.102796
protein_co	Uncharacte	11	4	6	4	3	0	0.227421	0.106049	0.149671	0.128359
pseudogen	protein_ph	1	0	0	0	1	0	0.107793	0	0	0
pseudogen	-	7	3	7	12	13	18	2.668538	1.46658	3.219744	7.100468
pseudogen	ADP-ribosy	1	0	0	1	0	1	0.087156	0	0	0.135278
protein_co	crystallin_g	21	17	32	19	14	10	0.641074	0.665499	1.178656	0.900271
pseudogen	-	3	4	0	1	5	7	0.25811	0.44132	0	0.133541
protein_co	cysteine-ric	4	2	1	0	0	1	0.083695	0.053663	0.025246	0
pseudogen	calponin_2	7	2	9	6	5	1	0.361089	0.132299	0.560154	0.480395
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	ribosomal_	0	1	2	1	2	1	0	0.07573	0.142508	0.091662
protein_co	kelch-like_f	228	176	184	781	1116	870	2.622253	2.595743	2.553322	13.94188
pseudogen	-	0	0	1	1	1	0	0	0	0.204984	0.263695
pseudogen	-	3	0	3	0	0	0	0.236818	0	0.285735	0
pseudogen	peroxiredo	0	0	0	3	3	2	0	0	0	0.363899
pseudogen	-	27	24	22	71	65	61	3.087879	3.519793	3.035759	12.60333
protein_co	tripartite_r	439	333	350	331	338	444	4.460394	4.338726	4.290667	5.21996
pseudogen	Y_box_binc	9	3	3	4	7	2	0.52229	0.223254	0.210058	0.360296
pseudogen	basic_trans	23	19	15	29	32	26	1.514706	1.604587	1.1919	2.964346
protein_co	myeloid/ly	1654	1255	1355	324	322	371	19.04619	18.53214	18.82608	5.790927
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	4	2	4	2	2	5	0.270259	0.173285	0.326084	0.20974
protein_co	acid-sensin	30	17	30	38	31	11	0.630242	0.457978	0.760423	1.239083
protein_co	GTPase_IM	1	0	1	0	0	0	0.010609	0	0.0128	0
protein_co	chromosor	14	11	12	2	5	2	0.254442	0.256367	0.263142	0.056418
pseudogen	STE20-relat	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	0	2	0	0	0	0	0	0.092823	0
pseudogen	nucleolin_	9	4	10	7	16	14	0.214982	0.122526	0.288209	0.259531
protein_co	KIAA1984	32	27	17	28	48	46	0.353553	0.382541	0.226622	0.480168
protein_co	Rho_guanir	2	3	6	278	409	419	0.038577	0.074204	0.139635	8.322824
pseudogen	-	0	0	0	0	1	0	0	0	0	0
protein_co	DNL-type_z	1	5	3	2	12	2	0.015982	0.102471	0.057848	0.049611
pseudogen	-	95	64	65	9	22	18	4.337441	3.747134	3.580728	0.637798
pseudogen	-	0	0	0	1	6	5	0	0	0	0.032564
pseudogen	-	0	0	1	0	0	0	0	0	0.058933	0
pseudogen	ribosomal_	3	0	1	2	3	2	0.06066	0	0.024397	0.062768
protein_co	T-cell_leuk	0	0	0	3	4	1	0	0	0	0.126647
pseudogen	suppressior	1	1	0	0	1	0	0.043336	0.055573	0	0
pseudogen	eukaryotic_	3	2	0	0	7	0	0.099484	0.085049	0	0
pseudogen	tyrosine_3-	5	4	4	5	1	1	0.322047	0.330383	0.310854	0.499861
protein_co	notch_2_N	360	276	297	36	73	48	3.351947	3.295438	3.336562	0.520269
protein_co	suppressor_	204	186	167	218	231	314	5.822011	6.807147	5.750523	9.656723
pseudogen	RNA_bindir	8	7	4	2	0	1	0.305971	0.343319	0.184586	0.118727
pseudogen	-	0	0	0	1	0	0	0	0	0	0.048552
pseudogen	-	1	2	0	6	4	6	0.093968	0.241001	0	0.875108
pseudogen	tyrosine_3-	1	0	1	0	0	1	0.064233	0	0.077501	0
pseudogen	-	5	6	6	11	14	13	0.348366	0.536075	0.504388	1.189566
pseudogen	NIP7_nucle	0	0	0	3	1	2	0	0	0	0.401359
pseudogen	-	0	0	0	1	1	0	0	0	0	0.090975
pseudogen	interferon_	0	0	1	0	1	0	0	0	0.142867	0
pseudogen	MARCKS-lik	5	5	2	12	3	0	0.433364	0.555728	0.209152	1.614339
sense_intrc	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	4	4	6	3	3	2	0.418661	0.536873	0.757708	0.487365
protein_co	neuroblast	2280	1774	1788	1479	1789	1881	24.02995	23.97623	22.73702	24.1945
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	1	0	0	1	1	1	0.114646	0	0	0.177946
pseudogen	phosphogly	0	0	0	0	0	1	0	0	0	0
pseudogen	-	1	1	0	0	0	0	0.113811	0.145946	0	0
pseudogen	-	67	49	53	63	57	83	3.122894	2.928787	2.980618	4.557781
pseudogen	-	3	0	1	1	2	1	0.355227	0	0.142867	0.183787
pseudogen	-	2	6	7	7	10	12	0.17661	0.679433	0.745816	0.959432
pseudogen	-	0	1	0	2	0	0	0	0.069035	0	0.167118
pseudogen	-	0	2	0	0	0	0	0	0.380568	0	0
pseudogen	-	2	1	2	1	1	0	0.204314	0.131002	0.246516	0.158562
protein_co	leukotriene	0	0	1	0	1	0	0	0	0.062239	0

pseudogen	ribosomal_	18	8	11	15	21	23	1.440308	0.820885	1.061998	1.862964
pseudogen	-	0	0	0	6	2	0	0	0	0	0.485199
pseudogen	solute_carr	0	0	0	1	0	0	0	0	0	0.082144
pseudogen	nucleopho	1	0	0	0	0	2	0.054083	0	0	0
pseudogen	chloride_cl	0	0	1	0	0	0	0	0	0.082955	0
protein_co	ankyrin_rep	30	23	23	26	38	31	0.283323	0.278547	0.262082	0.381123
pseudogen	activating_	0	0	0	0	1	0	0	0	0	0
protein_co	queuine_tR	770	570	574	678	729	935	17.75089	16.85053	15.96575	24.25993
protein_co	conserved_	546	465	449	236	274	372	5.2842	5.770971	5.243014	3.545105
pseudogen	PEST_conta	0	1	0	0	0	0	0	0.127664	0	0
protein_co	MAX_dimer	500	368	391	390	566	232	10.28741	9.709419	9.70646	12.45464
pseudogen	glyceraldeh	0	1	0	0	4	3	0	0.059712	0	0
pseudogen	-	0	0	0	2	0	0	0	0	0	0.4563
pseudogen	ferritin_hea	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
protein_co	glutathione	275	218	241	86	107	41	2.984206	3.033625	3.155449	1.448522
pseudogen	suppressio	2	1	1	2	0	0	0.13025	0.083514	0.078577	0.202166
pseudogen	RAN_membe	0	0	0	1	0	0	0	0	0	0.113012
pseudogen	nucleosom	0	0	3	0	0	0	0	0	0.192871	0
protein_co	componen	549	412	427	555	652	608	6.061366	5.833171	5.688189	9.510899
pseudogen	-	0	0	0	2	3	1	0	0	0	0.16731
pseudogen	-	2	1	3	2	2	2	0.118111	0.07573	0.213761	0.183324
protein_co	Rho_GTPas	448	365	394	1052	1055	675	3.802123	3.972376	4.034525	13.8578
pseudogen	-	0	0	1	0	1	0	0	0	0.152085	0
pseudogen	-	0	0	0	0	0	2	0	0	0	0
protein_co	HAUS_augn	15	6	8	4	7	9	0.331144	0.169858	0.21309	0.137062
protein_co	lecithin-ch	169	102	144	121	150	79	5.258403	4.069834	5.40602	5.843634
pseudogen	-	1	0	1	1	0	2	0.053527	0	0.064584	0.083082
pseudogen	ribosomal_	0	0	0	0	1	0	0	0	0	0
protein_co	protein_tyr	11	14	10	36	41	34	0.399218	0.651561	0.437891	2.02792
pseudogen	annexin_A2	3	2	0	0	2	8	0.151912	0.12987	0	0
pseudogen	-	2	0	6	4	1	0	0.113673	0	0.411458	0.352872
pseudogen	RNA_bindi	3	1	0	0	2	1	0.077547	0.033148	0	0
protein_co	poliovirus_	5	2	5	2	5	4	0.148105	0.075969	0.178697	0.091952
protein_co	glypican_2	557	451	464	1787	2328	963	10.31506	10.71032	10.36771	51.36552
pseudogen	RNA_bindi	0	2	0	0	0	0	0	0.127124	0	0
protein_co	keratin_22	0	0	0	1	0	0	0	0	0	0.026331
pseudogen	heat_shock	7	2	4	9	25	19	0.190168	0.069675	0.131114	0.379501
pseudogen	-	4	0	2	1	7	6	0.360692	0	0.217598	0.139961
pseudogen	vesicle_tra	2	3	0	1	0	0	0.134741	0.25918	0	0.104569
pseudogen	-	1	0	0	2	0	0	0.061697	0	0	0.191526
pseudogen	H2A_histor	2	1	0	1	1	1	0.237418	0.152227	0	0.184253
pseudogen	ribosomal_	287	224	243	486	452	431	23.90308	23.92376	24.41891	62.8259
pseudogen	-	18	13	14	16	26	12	1.000024	0.92617	0.938456	1.379712
protein_co	signal-indu	1878	1537	1471	1208	1667	885	24.27218	25.47395	22.93897	24.23319
pseudogen	-	0	0	0	0	0	2	0	0	0	0
pseudogen	ferritin_hea	3	3	0	4	5	6	0.240873	0.308886	0	0.498492
pseudogen	-	10	7	2	0	0	0	1.17225	1.052271	0.282878	0
protein_co	endogenou	155	127	153	70	101	75	2.673024	2.808563	3.183543	1.873698
protein_co	synaptojan	349	255	254	202	269	219	7.867604	7.371682	6.90874	7.068038
protein_co	ADP-ribosy	289	212	215	604	757	451	11.03519	10.38071	9.905321	35.79723
pseudogen	high_mobil	0	0	0	1	0	0	0	0	0	0.119507
processed_	-	8	12	13	179	212	185	0.128115	0.246434	0.251189	4.449312
protein_co	tubulin_tyr	2	3	0	1	2	3	0.034251	0.065884	0	0.026581
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	eukaryotic_	0	0	0	1	0	0	0	0	0	0.061159
pseudogen	actinin_alp	2	2	1	0	0	0	0.064631	0.08288	0.038991	0
pseudogen	peptidylpro	0	0	0	0	1	2	0	0	0	0
protein_co	guanylate_k	2	2	1	0	0	0	0.038215	0.049006	0.023054	0
pseudogen	-	15	23	14	14	19	14	0.456721	0.898042	0.514323	0.661635
pseudogen	-	3	2	4	1	1	1	0.037906	0.032406	0.060981	0.019612
protein_co	RNA_bindi	251	215	241	341	361	430	2.314987	2.542861	2.681884	4.881572
pseudogen	-	0	0	0	1	0	0	0	0	0	0.254475
protein_co	steroid_rec	1311	1142	1116	540	644	600	28.39391	31.71743	29.16317	18.15293
pseudogen	SET_pseudo	0	0	0	0	1	0	0	0	0	0

pseudogen	-	4	0	0	3	0	0	0.46541	0	0	0.541785
protein_co	transmemb	8	3	3	5	4	17	0.078658	0.037825	0.03559	0.076305
pseudogen	keratin_8_	1	1	0	0	0	0	0.025651	0.032894	0	0
pseudogen	-	2	2	3	3	1	3	0.190223	0.243934	0.344273	0.442879
pseudogen	-	3	1	1	4	1	3	0.177166	0.07573	0.071254	0.366649
pseudogen	-	0	0	2	0	0	0	0	0	0.233301	0
pseudogen	-	4	0	2	2	3	0	0.50016	0	0.301736	0.388159
protein_co	DnaJ_(Hsp4	95	66	88	68	92	118	1.469179	1.308894	1.642033	1.632265
pseudogen	ribosomal_	161	124	141	325	279	264	7.913305	7.815613	8.361788	24.79396
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	0	1	1	0	0	0	0
protein_co	chromosor	900	686	693	462	746	559	17.04403	16.65955	15.83474	13.58008
pseudogen	-	0	0	0	1	2	0	0	0	0	0.119116
pseudogen	-	0	0	0	0	0	1	0	0	0	0
protein_co	voltage-dep	4382	3577	3538	4352	4843	4331	105.2084	110.1302	102.4906	162.1801
protein_co	zinc_finger	353	305	246	547	727	788	6.094321	6.752426	5.124291	14.65779
pseudogen	-	3	1	0	3	3	4	0.106407	0.045484	0	0.165158
pseudogen	-	2	0	5	1	4	4	0.192567	0	0.580857	0.149445
protein_co	thioredoxi	757	583	613	628	660	1164	20.91676	20.65744	20.43653	26.93324
pseudogen	-	0	0	1	0	0	0	0	0	0.150467	0
pseudogen	-	15	8	12	2	5	4	1.959193	1.33994	1.891103	0.405459
pseudogen	solute_carr	1	2	3	0	1	3	0.052042	0.133473	0.188376	0
pseudogen	-	0	0	1	2	1	1	0	0	0.071164	0.183094
pseudogen	family_witl	0	2	4	227	277	232	0	0.144717	0.272325	19.88088
pseudogen	-	10	10	11	12	11	9	0.896559	1.149709	1.189925	1.6699
protein_co	hexosamini	84	87	78	34	59	48	0.570091	0.757171	0.638716	0.358158
protein_co	NADH_deh	864	669	702	787	1005	949	22.90163	22.73987	22.4511	32.37858
pseudogen	-	1	3	0	6	5	2	0.088305	0.339716	0	0.822371
pseudogen	ribosomal_	5	5	4	9	9	8	0.264616	0.339333	0.25542	0.739298
protein_co	leptin_rece	956	722	799	274	315	247	9.698584	9.392841	9.780145	4.31451
protein_co	limb_bud_	781	624	554	549	658	647	12.48589	12.7927	10.68627	13.62295
protein_co	adenosine_	114	82	91	212	275	276	3.303747	3.047369	3.181935	9.536043
protein_co	protein_ph	2051	1658	1756	1185	1299	1728	19.6549	20.37507	20.30382	17.62601
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	3	4	0	0	0	0	0.216178
pseudogen	-	0	1	0	0	0	0	0	0.050785	0	0
pseudogen	high_mobil	0	0	0	0	0	1	0	0	0	0
protein_co	G-protein_	92	73	85	109	168	78	2.922684	2.973899	3.258074	5.37466
pseudogen	-	2	0	0	0	0	0	0.248753	0	0	0
pseudogen	Ras_suppre	0	2	3	2	1	2	0	0.144023	0.203265	0.174323
pseudogen	ribosomal_	0	0	0	1	0	0	0	0	0	0.168863
pseudogen	protein_ge	1	0	1	0	1	0	0.045836	0	0.055304	0
pseudogen	-	1	0	0	0	0	0	0.100839	0	0	0
protein_co	NCK_intera	364	262	306	765	822	680	5.71026	5.270661	5.791939	18.62715
protein_co	activating_	2114	1551	1737	647	712	751	37.77648	35.54166	37.45109	17.94532
pseudogen	-	0	1	1	1	8	4	0	0.07891	0.074246	0.095512
protein_co	three_prim	228	179	183	62	67	98	4.866147	4.899059	4.712479	2.053868
pseudogen	SEC14-like_	26	38	32	8	7	32	0.558982	1.047653	0.830085	0.266959
protein_co	sphingosin	3217	2314	2616	117	194	105	17.73606	16.35983	17.40171	1.001204
pseudogen	ribosomal_	0	0	0	0	1	1	0	0	0	0
protein_co	solute_carr	953	691	753	192	273	280	11.46388	10.65923	10.92903	3.584844
pseudogen	ribosomal_	28	22	21	15	8	8	2.404616	2.422812	2.175981	1.999445
pseudogen	-	0	0	0	2	0	2	0	0	0	0.266593
pseudogen	-	2	4	0	0	0	0	0.164238	0.421224	0	0
pseudogen	high_mobil	28	17	23	34	39	44	2.332008	1.815642	2.311255	4.395228
pseudogen	phosphatid	143	92	111	102	105	39	7.491925	6.18094	7.016627	8.294458
protein_co	family_witl	0	2	1	2	8	3	0	0.173285	0.081521	0.20974
pseudogen	-	2	2	1	1	0	0	0.221179	0.283631	0.133433	0.17165
protein_co	chloride_in	6841	5462	5709	2669	2835	2762	205.6247	210.5314	207.0446	124.5188
pseudogen	high_mobil	2	0	0	0	0	1	0.366328	0	0	0
protein_co	dimethylar	3124	2337	2393	1774	2216	1387	86.77987	83.24842	80.20449	76.48778
pseudogen	ribosomal_	0	0	0	1	0	0	0	0	0	0.091547
pseudogen	polymerase	0	0	0	1	0	0	0	0	0	0.072999
pseudogen	RAB5C_me	0	1	0	5	6	1	0	0.103672	0	0.627412

pseudogen	anaphase_p	0	0	0	0	0	2	0	0	0	0
pseudogen	SERPINE1_r	8	10	4	6	18	13	0.323379	0.51836	0.195088	0.376447
protein_co	ribosomal_	2592	1855	1985	4460	4795	3430	88.45628	81.1796	81.7339	236.243
antisense	-	16	6	11	15	23	15	0.160789	0.077321	0.133376	0.233968
pseudogen	ribosomal_	0	0	0	0	2	0	0	0	0	0
pseudogen	ribosomal_	740	600	642	480	602	441	10.5724	10.99265	11.06687	10.64421
pseudogen	-	0	0	0	2	2	3	0	0	0	0.101365
pseudogen	-	1	0	0	2	1	2	0.096482	0	0	0.299505
pseudogen	-	4	2	1	1	7	4	0.238323	0.152808	0.071888	0.092478
protein_co	ATPase_H+_	14	14	9	15	19	17	0.413388	0.530112	0.320642	0.687467
pseudogen	metallothio	0	1	0	4	0	2	0	0.328578	0	1.590815
protein_co	zinc_finger_	331	231	285	747	794	923	4.375697	3.915981	4.545819	15.32746
pseudogen	actin_beta_	4	1	0	2	1	8	0.167017	0.053544	0	0.129617
pseudogen	-	2	0	0	0	0	0	0.278279	0	0	0
pseudogen	-	2	0	0	11	11	9	0.105727	0	0	0.902568
pseudogen	-	0	1	0	1	0	0	0	0.132444	0	0.160308
protein_co	DEAD_(Asp	7	11	12	8	6	11	0.122064	0.245975	0.252475	0.216526
pseudogen	-	1	0	1	0	0	1	0.079745	0	0.096217	0
pseudogen	Obg-like_A	0	0	3	4	2	1	0	0	0.142747	0.244844
lincRNA	zinc_finger_	11	6	5	19	19	26	0.936098	0.654771	0.513389	2.509648
protein_co	zinc_finger_	136	102	138	221	167	290	1.479249	1.422695	1.811046	3.730999
protein_co	killer_cell_l	0	1	1	0	0	2	0	0.029133	0.027411	0
protein_co	Uncharacte	0	0	0	0	4	0	0	0	0	0
pseudogen	cofilin_1_(r	0	1	0	0	0	0	0	0.11978	0	0
pseudogen	-	97	65	74	35	50	32	6.424197	5.520391	5.913259	3.597872
pseudogen	suppressor_	2	5	1	1	2	3	0.094536	0.303074	0.057032	0.073367
pseudogen	-	35	28	34	3	5	7	2.202887	2.259912	2.581969	0.293073
protein_co	epithelial_r	656	505	569	280	368	239	5.918771	5.842899	6.194239	3.921175
pseudogen	voltage-dep	2	0	1	1	2	0	0.110329	0	0.066559	0.085623
pseudogen	-	0	2	1	1	0	4	0	0.113452	0.053373	0.06866
protein_co	potassium_	332	239	266	136	129	58	5.102421	4.710266	4.932509	3.2442
pseudogen	ribosomal_	1	3	5	3	5	4	0.083138	0.319839	0.501556	0.387127
pseudogen	-	7	4	1	4	6	2	0.414432	0.303686	0.071434	0.367575
lincRNA	-	0	0	0	1	0	0	0	0	0	0.096016
pseudogen	eukaryotic_	1	0	0	0	0	0	0.069364	0	0	0
protein_co	chromosor	50	53	41	49	72	40	1.277657	1.736719	1.264085	1.943439
pseudogen	Y_box_binc	23	19	20	18	46	31	1.106123	1.17176	1.160523	1.343627
pseudogen	TAF9B_RNA	1	0	1	1	5	5	0.062855	0	0.075838	0.09756
pseudogen	-	2	6	4	1	1	3	0.229291	0.8821	0.553306	0.177946
pseudogen	ribosomal_	0	2	0	0	0	0	0	0.181387	0	0
pseudogen	nucleophos	5	3	0	13	16	20	0.269173	0.207106	0	1.086266
pseudogen	ribosomal_	12	1	3	3	5	6	0.920917	0.098412	0.277785	0.357348
protein_co	CDNA_FLJ2	107	82	101	106	155	169	2.793559	2.745347	3.181585	4.295467
protein_co	protein_ph	7	4	7	174	234	127	0.168065	0.123154	0.20278	6.484222
pseudogen	ribosomal_	7	5	5	1	6	3	0.272616	0.249708	0.234948	0.060448
protein_co	carcinoemb	0	0	0	1	0	0	0	0	0	0.042786
protein_co	solute_carr	14	9	8	3	6	6	0.155486	0.128178	0.107201	0.051715
protein_co	leukotriene	62	52	47	74	110	121	0.707343	0.760766	0.64697	1.310391
antisense	-	2	3	4	12	11	7	0.039354	0.075698	0.094965	0.366495
protein_co	leukotriene	10	9	10	7	14	15	0.151649	0.175022	0.182974	0.164767
protein_co	deoxyribon	334	213	245	255	253	183	3.31035	2.707175	2.929824	3.922817
protein_co	magnesium	2	0	0	1	0	0	0.105489	0	0	0.081867
protein_co	Interleukin	1	0	1	0	0	0	0.100192	0	0.120888	0
protein_co	casein_kina	4889	3845	4101	4377	5612	3254	82.13733	82.83736	83.13011	114.1373
pseudogen	methionine	0	0	0	1	0	0	0	0	0	0.205593
protein_co	interferon_	18	19	11	6	1	4	0.459206	0.621581	0.338591	0.237584
protein_co	galactose-1	87	114	83	82	92	70	1.589802	2.671394	1.829995	2.325777
protein_co	hemoglobi	0	0	0	6	6	0	0	0	0	0.481985
protein_co	claudin_9	0	0	0	55	97	76	0	0	0	1.952629
pseudogen	selenophos	0	0	0	0	2	2	0	0	0	0
pseudogen	-	0	0	2	2	1	4	0	0	0.28147	0.362089
pseudogen	-	0	0	0	1	0	0	0	0	0	0.19305
pseudogen	keratin_18_	0	0	0	0	2	1	0	0	0	0
protein_co	integrin_al	998	785	813	80	80	126	5.817533	5.867962	5.718036	0.723817
pseudogen	ribosomal_	0	0	0	1	0	1	0	0	0	0.147328

protein_co	Uncharacte	0	0	0	2	0	0	0	0	0	2.553677
pseudogen	keratin_18_	0	0	2	1	0	0	0	0	0.089306	0.057443
processed_	-	27	21	17	10	17	0	0.243374	0.242739	0.184887	0.139907
pseudogen	coiled-coil-	1	3	0	0	0	0	0.143395	0.55165	0	0
protein_co	nudix_(nuc	170	119	164	46	105	51	2.686654	2.411677	3.127193	1.128369
protein_co	zinc_finger_	4	2	8	85	126	103	0.075843	0.048629	0.183018	2.50153
pseudogen	-	1	0	2	2	0	1	0.106568	0	0.257161	0.330817
processed_	-	16	20	24	66	69	115	0.283003	0.453639	0.512189	1.811945
pseudogen	-	15	9	10	90	87	109	0.398725	0.306785	0.320723	3.713255
protein_co	Tax1_(hum	11	8	4	3	8	5	0.374575	0.349338	0.164344	0.158562
pseudogen	ribosomal_	1	1	0	1	1	0	0.058466	0.074975	0	0.090748
processed_	-	0	0	0	0	1	0	0	0	0	0
protein_co	adaptor-rel	99	102	98	193	244	187	1.407554	1.859684	1.68114	4.259097
pseudogen	-	2	1	1	1	6	1	0.079139	0.050742	0.047743	0.061418
protein_co	zinc_finger_	15	10	17	541	569	676	0.304481	0.260302	0.416357	17.04497
antisense	-	2	1	1	2	1	2	0.21411	0.137283	0.129168	0.332328
protein_co	carbohydra	624	519	503	370	448	443	11.0039	11.7365	10.70232	10.12731
protein_co	transmemb	0	0	1	11	12	4	0	0	0.030932	0.437713
pseudogen	phosphogly	2	0	2	6	3	1	0.127246	0	0.153529	0.592509
protein_co	myocyte_e	1	0	1	0	0	1	0.027861	0	0.033616	0
pseudogen	-	5	8	13	6	9	8	0.87809	1.801642	2.754613	1.635501
protein_co	glucosidase	194	160	139	185	195	138	2.016104	2.132262	1.742907	2.984101
pseudogen	-	0	1	0	0	2	0	0	0.068485	0	0
pseudogen	ribonucleo	1	6	0	9	9	2	0.040318	0.310214	0	0.563214
pseudogen	-	0	0	0	0	2	1	0	0	0	0
protein_co	tubulin_ty	413	363	342	118	178	48	3.666334	4.132358	3.663162	1.625902
protein_co	replication	2034	1523	1583	2334	3233	2450	28.97154	27.81825	27.20505	51.60026
pseudogen	ATP_syntha	0	0	0	0	0	1	0	0	0	0
protein_co	mitochond	965	728	722	861	1068	1026	49.23707	47.63274	44.44779	68.18652
pseudogen	actin_relat	0	0	0	0	1	0	0	0	0	0
protein_co	zinc_finger_	43	37	44	46	65	51	0.489624	0.540263	0.604498	0.812985
pseudogen	phosphogly	3	2	0	6	3	0	0.15949	0.136349	0	0.495101
processed_	-	5	2	1	0	0	0	0.095382	0.048926	0.023017	0
protein_co	small_integ	536	431	514	346	445	522	9.053692	9.335714	10.47544	9.071258
pseudogen	ribosomal_	0	1	0	0	0	0	0	0.129311	0	0
lincRNA	urothelial_	0	0	0	7	6	1	0	0	0	0.220259
protein_co	F-box_prot	35	31	44	49	57	32	0.550168	0.624882	0.834503	1.195511
pseudogen	-	0	5	1	0	2	1	0	0.415261	0.078143	0
protein_co	tetraspanir	664	567	510	917	1382	910	11.21173	12.27713	10.39017	24.0328
pseudogen	-	0	0	0	3	0	0	0	0	0	0.466537
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	cleavage_a	18	15	13	135	177	30	0.226279	0.241809	0.19718	2.634121
pseudogen	guanine_nu	0	0	0	24	20	27	0	0	0	1.637034
protein_co	copine_I	2215	1693	1775	1830	1850	1237	47.12404	46.18863	45.5633	60.42969
protein_co	ADP-ribosy	531	493	484	240	319	423	10.6268	12.65215	11.68696	7.455037
pseudogen	-	1	0	1	2	2	0	0.102604	0	0.123798	0.318511
protein_co	single-pass_	2	2	0	0	0	0	0.050802	0.065146	0	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.18195
protein_co	WEE1_hom	1	1	0	1	1	1	0.015319	0.019644	0	0.023776
lincRNA	-	0	1	0	0	0	0	0	0.014344	0	0
protein_co	HCG19991	25	23	37	14	30	12	0.552688	0.652044	0.986937	0.480395
protein_co	melanoma_	0	0	0	0	0	5	0	0	0	0
pseudogen	-	2	2	0	3	2	0	0.18	0.230825	0	0.419078
protein_co	Uncharacte	2	1	0	0	2	1	0.244219	0.156588	0	0
pseudogen	lactate_deh	26	17	18	46	43	34	1.221584	1.024255	1.0204	3.35458
protein_co	LYR_motif_	504	399	402	594	637	672	15.87144	16.11269	15.27425	29.03372
protein_co	c-myc_binc	161	99	130	195	201	239	2.336519	1.842417	2.276328	4.392467
protein_co	-	4	2	1	2	8	3	0.097637	0.062603	0.029451	0.075773
pseudogen	thioredoxi	3	1	1	8	8	0	0.236024	0.100889	0.094925	0.97691
pseudogen	small_nucl	1	0	0	0	0	0	0.197017	0	0	0
protein_co	transmemb	0	0	0	8	5	4	0	0	0	0.139726
pseudogen	-	0	0	1	1	0	0	0	0	0.040296	0.051837
pseudogen	-	329	301	232	220	280	184	9.939959	11.66177	8.457163	10.31672
protein_co	progressive	40	52	48	32	67	16	0.556228	0.927269	0.805345	0.690674
pseudogen	-	0	1	0	0	0	0	0	0.081809	0	0

lincRNA	-	14	6	5	3	1	5	0.227938	0.12527	0.098221	0.075812
processed_	-	2	2	0	0	2	1	0.058068	0.074464	0	0
protein_co	ALG3_alph	635	505	511	974	877	953	17.54576	17.89366	17.03599	41.77226
pseudogen	archaelysin	171	120	133	84	140	48	2.341078	2.106737	2.196947	1.784964
pseudogen	pleckstrin_	262	192	198	63	76	74	2.450176	2.302537	2.234134	0.914465
pseudogen	DEAD_(Asp	1	2	2	0	0	0	0.032249	0.082709	0.077821	0
pseudogen	prothymos	45	40	37	105	147	108	6.336489	7.222798	6.286167	22.94859
antisense	-	38	33	29	24	25	18	3.104217	3.45694	2.858344	3.043058
pseudogen	exportin_t	0	0	3	0	2	1	0	0	0.070778	0
protein_co	ST7_overla	2	6	3	0	1	5	0.059505	0.228921	0.107694	0
protein_co	zinc_finger	3	1	0	11	7	13	0.037273	0.015933	0	0.21213
pseudogen	-	2	2	0	0	0	0	0.155265	0.199105	0	0
pseudogen	ubiquitin-c	3	5	1	3	3	2	0.319705	0.683293	0.128581	0.496226
protein_co	SH3_doma	117	104	110	203	232	168	1.725741	1.967128	1.95763	4.647468
protein_co	Putative_tr	562	457	463	339	386	277	24.62821	25.6816	24.4808	23.05827
pseudogen	-	7	6	8	1	4	4	0.082824	0.091037	0.114207	0.018365
pseudogen	eukaryotic_	10	21	13	21	41	26	0.348366	0.938132	0.54642	1.135495
pseudogen	-	1	0	0	0	0	0	0.059581	0	0	0
pseudogen	CTAGE_fam	0	3	0	2	1	2	0	0.075068	0	0.060574
protein_co	chromosor	3	5	1	1	5	3	0.11502	0.245829	0.04626	0.059509
protein_co	IQ_motif_c	0	0	0	1	0	1	0	0	0	0.049849
pseudogen	tubulin_be	1	0	1	1	4	0	0.114088	0	0.137653	0.17708
pseudogen	heterogene	78	59	71	125	138	157	3.801893	3.687794	4.175531	9.456835
protein_co	chromosor	115	74	88	49	93	83	2.678764	2.210435	2.473246	1.77159
protein_co	family_witl	0	0	0	0	1	2	0	0	0	0
protein_co	Uncharacte	25	9	12	11	15	11	17.76137	8.199518	10.28646	12.12997
pseudogen	-	3	3	4	5	4	1	0.283038	0.362957	0.455336	0.732191
protein_co	Uncharacte	6	8	0	9	14	8	0.059367	0.101506	0	0.138219
pseudogen	alpha-2-gly	0	0	0	2	4	3	0	0	0	0.421912
protein_co	fission_1_(	1272	920	974	921	1067	897	59.34737	55.04419	54.83039	66.69671
pseudogen	ankyrin_re	180	132	178	33	55	59	4.744353	4.46157	5.660731	1.350047
pseudogen	-	0	0	0	0	0	1	0	0	0	0
protein_co	SNRPN_ups	84	75	73	544	597	619	1.227028	1.404902	1.286608	12.33402
pseudogen	legumain_p	0	1	0	0	0	0	0	0.046254	0	0
pseudogen	angiogenic_	1	0	2	0	0	0	0.022619	0	0.054583	0
protein_co	angiogenin	16	22	14	11	14	3	0.613945	1.082533	0.648165	0.655137
pseudogen	-	72	68	50	11	28	7	0.688434	0.833774	0.57683	0.16325
pseudogen	-	1	4	0	1	4	0	0.070405	0.36114	0	0.109279
pseudogen	keratin_8_p	5	2	4	0	0	0	0.162587	0.083398	0.156936	0
pseudogen	-	1	0	0	0	1	0	0.046843	0	0	0
pseudogen	phosducin-	1	0	1	0	3	3	0.06558	0	0.079127	0
pseudogen	ribosomal_	1	0	0	1	2	0	0.104432	0	0	0.162093
protein_co	chromosor	0	0	0	31	37	11	0	0	0	1.595597
processed_	RSBN1L_an	93	79	89	110	147	83	2.149222	2.34118	2.481626	3.945677
pseudogen	forkhead_b	0	0	0	0	6	2	0	0	0	0
pseudogen	mitochond	0	0	0	0	3	0	0	0	0	0
protein_co	speedy_ho	90	65	65	55	61	55	1.324993	1.227139	1.154602	1.256794
protein_co	Uncharacte	2	0	0	0	0	0	0.315758	0	0	0
protein_co	metallo-be	48	26	34	22	40	43	1.501482	1.042945	1.283234	1.068149
pseudogen	alpha-2-gly	0	0	0	1	1	0	0	0	0	0.061626
protein_co	Uncharacte	2	3	3	2	1	0	0.205658	0.395591	0.372207	0.31921
pseudogen	-	116	93	113	87	97	103	2.309657	2.374552	2.714663	2.688681
processed_	forkhead_b	0	0	0	207	260	96	0	0	0	11.24285
protein_co	SOGA_fami	6	8	6	1	2	2	0.023806	0.040704	0.028723	0.006158
pseudogen	ATP_syntha	1	0	0	0	0	0	0.061697	0	0	0
lincRNA	-	4	3	3	3	3	0	0.291242	0.280108	0.26355	0.339036
antisense	-	15	15	8	14	18	15	0.144931	0.185853	0.093263	0.209956
pseudogen	-	0	3	1	0	0	0	0	0.192518	0.060379	0
protein_co	neuralized_	280	206	243	306	387	166	2.043774	1.928197	2.140076	3.466784
pseudogen	ribosomal_	3	2	1	3	0	2	0.261468	0.223531	0.105159	0.405835
protein_co	EF-hand_ca	2	1	2	1	0	0	0.13359	0.085655	0.161184	0.103675
protein_co	HAUS_augn	150	137	124	128	119	171	1.251513	1.465798	1.248285	1.657618
pseudogen	-	1	1	4	0	2	1	0.05913	0.075826	0.285375	0
protein_co	V-set_and_	3	1	6	9	9	1	0.04738	0.020253	0.114332	0.220619
pseudogen	ribosomal_	51	36	35	77	68	78	3.050243	2.761062	2.525692	7.148016

pseudogen	-	2	2	3	5	4	3	0.05814	0.074556	0.105224	0.225604
antisense	KANSL1_an	8	7	5	5	7	15	0.563243	0.631995	0.424741	0.546395
protein_co	lipocalin-li	0	2	1	1	3	0	0	0.03245	0.015266	0.019638
lincRNA	-	0	0	1	0	0	0	0	0	0.027584	0
protein_co	BBSome_in	252	203	226	105	141	117	2.5077	2.590481	2.713511	1.621791
protein_co	tripartite_r	0	0	0	1	2	0	0	0	0	0.053791
pseudogen	family_witl	0	0	1	0	0	0	0	0	0.03514	0
pseudogen	leucine_ric	213	187	213	164	176	290	2.022185	2.276629	2.439883	2.416661
pseudogen	-	0	0	0	1	4	5	0	0	0	0.240993
antisense	-	3	2	0	7	6	2	0.065155	0.055702	0	0.23597
pseudogen	-	13	7	11	15	19	6	0.782503	0.540319	0.798884	1.401408
protein_co	arsenic_(+3	2	1	1	1	0	1	0.03901	0.025012	0.023534	0.030274
pseudogen	family_witl	8	3	5	3	6	9	0.523911	0.25194	0.39508	0.304943
pseudogen	reticulocall	225	154	172	51	89	63	11.53033	10.12021	10.63496	4.056579
protein_co	perilipin_5	0	0	0	13	13	14	0	0	0	0.383052
pseudogen	SWI/SNF_re	2	0	2	1	0	0	0.077122	0	0.093052	0.059852
protein_co	-	0	0	0	1	0	2	0	0	0	1.347774
pseudogen	-	64	52	68	120	126	132	3.948633	4.114144	5.062019	11.49155
protein_co	SEC14-like_	0	0	0	25	31	21	0	0	0	1.062169
protein_co	serine_pep	0	0	0	0	4	0	0	0	0	0
protein_co	HIG1_hypo	0	0	0	0	0	1	0	0	0	0
protein_co	notochord_	0	2	0	2	1	4	0	0.043747	0	0.05295
pseudogen	keratin_42_	1	1	0	1	0	0	0.016197	0.02077	0	0.02514
protein_co	protein_ph	1953	1530	1661	547	543	457	22.58353	22.68769	23.17433	9.817645
pseudogen	-	0	0	0	0	0	2	0	0	0	0
protein_co	StAR-relate	195	159	157	420	561	244	4.657949	4.870422	4.524888	15.57184
pseudogen	-	0	0	1	0	0	0	0	0	0.054243	0
pseudogen	zinc_finger_	2	1	1	4	5	0	0.027246	0.017469	0.016437	0.084579
pseudogen	ribosomal_	3	3	1	0	3	8	0.35977	0.461354	0.144694	0
pseudogen	GTF2I_repe	1	0	3	0	0	0	0.015578	0	0.056388	0
lincRNA	-	0	1	3	0	4	1	0	0.097613	0.27553	0
lincRNA	maternally_	0	0	0	1	0	1	0	0	0	0.014954
pseudogen	COP9_signa	1	0	0	2	0	0	0.074785	0	0	0.232152
pseudogen	leucine_ric	0	0	0	8	9	4	0	0	0	0.156642
pseudogen	-	1	1	1	0	1	0	0.014486	0.018576	0.017478	0
antisense	-	0	1	0	0	0	1	0	0.15146	0	0
pseudogen	retinoblast	0	0	1	0	0	0	0	0	0.043891	0
protein_co	NUT_family	30	26	19	12	24	14	0.25378	0.282045	0.193927	0.15756
protein_co	cytoplasmi	8	3	4	4	4	5	0.076837	0.03695	0.046354	0.059631
pseudogen	high_mobil	0	3	3	1	5	3	0	0.668109	0.628617	0.269555
pseudogen	-	1	0	0	0	0	0	0.19061	0	0	0
protein_co	echinoderm	83	103	86	16	21	26	0.467773	0.744395	0.584795	0.139961
protein_co	transmemb	5	2	3	11	9	2	0.132984	0.068213	0.096271	0.4541
pseudogen	polymerase	0	0	2	1	3	0	0	0	0.096217	0.061888
pseudogen	-	0	0	0	1	0	0	0	0	0	0.128586
pseudogen	-	0	1	0	1	3	0	0	0.068174	0	0.082517
protein_co	defensin_b	0	0	0	3	0	1	0	0	0	1.173868
pseudogen	-	0	1	1	2	0	0	0	0.099883	0.093979	0.241793
lincRNA	-	5	2	5	2	4	6	0.182878	0.093806	0.220653	0.113541
pseudogen	heterogene	6	1	11	8	4	13	0.247441	0.052885	0.547344	0.512083
pseudogen	-	21	25	16	35	44	57	0.96823	1.478117	0.890077	2.504713
protein_co	zinc_finger_	1457	1070	1167	350	499	361	11.24589	10.59076	10.86808	4.193075
pseudogen	keratin_8_p	6	12	6	1	0	0	0.220486	0.565484	0.266029	0.057037
pseudogen	ribosomal_	13	9	16	0	0	0	1.07508	0.954441	1.596487	0
protein_co	chromosor	0	0	0	1	0	0	0	0	0	0.015046
protein_co	Rho_guanir	9	2	8	5	9	12	0.094115	0.02682	0.100938	0.081155
protein_co	chromosor	4	0	1	0	3	1	0.195988	0	0.059118	0
pseudogen	-	0	0	0	5	11	1	0	0	0	0.792808
protein_co	interferon-l	991	690	763	741	961	1220	20.4255	18.23717	18.97455	23.70542
protein_co	Uncharacte	1	0	1	8	6	2	0.029325	0	0.035382	0.364127
protein_co	calpain_14	10	5	2	3	9	1	0.122749	0.078704	0.029621	0.057157
protein_co	zinc_finger_	960	726	813	1260	1574	1173	9.981024	9.679431	10.19864	20.33316
processed_	-	269	247	198	209	259	192	2.661058	3.133346	2.363281	3.209067
antisense	-	1	0	0	5	3	8	0.062024	0	0	0.481348
antisense	-	0	0	1	15	25	4	0	0	0.080938	1.561798

pseudogen	-	0	0	1	3	1	3	0	0	0.044373	0.171247
protein_co	heterogene	1226	1043	997	771	993	856	11.25875	12.28268	11.04696	10.98966
pseudogen	-	0	0	0	1	1	0	0	0	0	0.082517
protein_co	methyltran	63	64	49	96	114	149	1.029293	1.340874	0.965923	2.434446
pseudogen	ribosomal_	0	1	0	0	1	0	0	0.118599	0	0
pseudogen	septin_7_p	186	153	176	162	160	185	2.901378	3.060499	3.312471	3.922265
antisense	-	2	4	8	11	30	11	0.053558	0.137361	0.258483	0.457212
antisense	-	0	1	3	5	13	9	0	0.091522	0.258336	0.55388
sense_intrc	-	1	2	4	2	8	2	0.032836	0.084215	0.158475	0.101932
pseudogen	-	18	15	14	21	33	16	0.107341	0.114708	0.100732	0.194376
protein_co	membrane-	0	0	0	0	0	1	0	0	0	0
pseudogen	polymerase	160	119	108	44	76	130	1.160285	1.106626	0.944967	0.495254
pseudogen	-	2	0	1	2	1	4	0.114786	0	0.069248	0.178164
protein_co	membrane-	0	0	0	2	1	0	0	0	0	0.129386
pseudogen	-	44	34	29	230	357	307	1.124338	1.114122	0.894109	9.122264
lincRNA	-	4	1	4	0	0	1	0.156954	0.050318	0.189374	0
pseudogen	cytochrom	0	0	0	0	0	2	0	0	0	0
protein_co	fer-1-like_6	12	2	7	0	0	0	0.09299	0.019874	0.065448	0
pseudogen	-	0	2	1	0	0	0	0	0.077637	0.036524	0
pseudogen	myosin_ph	15	14	15	18	48	31	0.645868	0.773018	0.779277	1.202972
pseudogen	keratin_16_	0	0	0	2	1	0	0	0	0	0.075069
pseudogen	DEAD/H_(A	311	237	271	336	403	403	3.711579	3.627071	3.902256	6.223979
protein_co	mature_T-c	8	9	9	2	8	8	0.16496	0.237981	0.223914	0.06401
pseudogen	UPF3_regul	7	6	5	11	14	14	0.289956	0.318709	0.249892	0.707224
pseudogen	ribosomal_	0	0	0	0	0	1	0	0	0	0
processed_	-	5	3	0	8	5	11	0.302907	0.233061	0	0.752246
protein_co	RAD51_ass	0	2	3	2	5	1	0	0.032293	0.045576	0.039087
pseudogen	zinc_finger_	0	0	1	0	0	0	0	0	0.093668	0
pseudogen	-	1	0	0	2	1	0	0.070405	0	0	0.218558
processed_	long_interg	2	1	0	4	5	5	0.042377	0.027171	0	0.13155
pseudogen	apolipopro	0	0	0	5	1	5	0	0	0	0.49781
pseudogen	keratin_16_	0	0	0	1	1	2	0	0	0	0.03717
pseudogen	serine/argi	6	1	4	1	0	1	0.53083	0.113452	0.426985	0.13732
processed_	-	2	4	0	19	20	17	0.029288	0.075115	0	0.43186
protein_co	Uncharacte	1	1	1	3	6	5	0.181744	0.233061	0.219285	0.846277
protein_co	smoothelin	1	3	0	20	19	2	0.02274	0.087483	0	0.705915
pseudogen	mediator_c	2	1	1	2	7	2	0.164238	0.105306	0.099081	0.25492
pseudogen	ribosomal_	0	0	0	4	7	2	0	0	0	0.458455
pseudogen	olfactory_r	0	0	0	2	3	4	0	0	0	0.079411
pseudogen	transmemb	0	0	0	1	0	0	0	0	0	0.210956
pseudogen	family_with	0	1	0	0	0	0	0	0.127124	0	0
pseudogen	ubiquitin_s	0	0	2	0	0	0	0	0	0.035549	0
processed_	long_interg	2	1	0	2	0	0	0.045702	0.029303	0	0.070935
protein_co	chromosom	9	8	2	0	0	2	0.098624	0.112418	0.026443	0
protein_co	CDNA_FLJ2	0	0	0	2	4	1	0	0	0	0.091952
processed_	HLA-F_antis	6	7	8	12	20	5	0.099238	0.148469	0.159649	0.308063
protein_co	zinc_finger_	187	140	166	158	187	171	4.36675	4.192316	4.677059	5.726698
protein_co	Rho_guanin	313	285	310	59	67	27	1.771464	2.068436	2.116887	0.518287
protein_co	TBC1_dom	0	1	0	12	4	0	0	0.015941	0	0.231537
protein_co	leucine_ric	11	8	7	10	11	11	0.277158	0.258484	0.212804	0.391079
processed_	-	1	4	3	0	1	3	0.058248	0.298782	0.21084	0
protein_co	isoprenoid_	85	55	67	4	6	12	2.143976	1.778988	2.039031	0.1566
protein_co	Uncharacte	1	0	0	0	0	0	0.035229	0	0	0
antisense	-	0	0	1	0	0	0	0	0	0.024901	0
pseudogen	coiled-coil-	0	0	2	1	0	0	0	0	0.176798	0.113718
pseudogen	peptidylpro	20	6	21	16	21	13	1.879359	0.723004	2.380933	2.333621
protein_co	Putative_ge	4	1	1	0	0	0	0.212653	0.068174	0.064145	0
pseudogen	poly_(ADP-	186	117	141	144	191	142	3.552563	2.865656	3.249347	4.268958
pseudogen	-	0	0	0	0	2	0	0	0	0	0
pseudogen	ribosomal_	1	2	2	0	4	0	0.057675	0.147921	0.139177	0
pseudogen	A_kinase_(I	1	0	0	4	1	1	0.017245	0	0	0.107068
pseudogen	-	0	0	1	0	0	0	0	0	0.049196	0
protein_co	-	0	0	0	9	12	0	0	0	0	0.363092
pseudogen	heat_shock	0	0	0	1	0	0	0	0	0	0.043167
pseudogen	DnaJ_(Hsp4	0	0	0	2	3	4	0	0	0	0.121909

protein_co	acyl-CoA_sy	2	0	3	0	0	0	0.043782	0	0.079237	0
protein_co	chromosor	944	779	791	490	602	489	6.523828	6.903627	6.595612	5.256021
protein_co	Uncharacte	8	1	4	7	9	10	0.368126	0.059009	0.222082	0.499959
protein_co	collagen_ty	2	1	0	23	22	17	0.021927	0.014059	0	0.391381
protein_co	prohibitin_	3811	2833	3009	5194	5810	6241	117.7193	112.2185	112.1447	249.0239
antisense	-	0	1	0	0	4	0	0	0.081366	0	0
pseudogen	dual_specif	0	0	0	1	0	0	0	0	0	0.041352
pseudogen	ribosomal_	68	68	59	108	103	112	5.013398	6.428972	5.248357	12.35883
pseudogen	guanine_nu	3	2	1	3	1	0	0.085618	0.073195	0.034434	0.132891
processed_	CD27_antis	53	24	40	19	24	18	1.051257	0.610455	0.957284	0.584948
protein_co	neuralized_	236	203	176	210	323	218	2.128085	2.347375	1.914863	2.939184
protein_co	glutamate_	4	3	4	115	179	26	0.051584	0.049612	0.062239	2.301891
pseudogen	peroxiredo	2	3	2	0	2	0	0.159219	0.306264	0.192107	0
pseudogen	pyruvate_k	2	0	0	1	4	0	0.058576	0	0	0.045459
pseudogen	dual_specif	2	0	5	1	4	1	0.053254	0	0.160635	0.041329
protein_co	chromosor	8	5	6	3	5	3	0.136012	0.10901	0.123079	0.079166
protein_co	Uncharacte	15	16	16	13	21	23	0.406561	0.556114	0.523242	0.5469
processed_	-	77	74	59	2	6	11	1.490108	1.836403	1.377612	0.060074
pseudogen	-	0	0	0	1	0	0	0	0	0	0.113718
pseudogen	nucleopho	1	1	1	1	3	1	0.05245	0.067259	0.063284	0.081409
pseudogen	ribosomal_	0	1	0	1	0	0	0	0.097613	0	0.118149
pseudogen	-	0	0	0	1	1	0	0	0	0	0.056726
pseudogen	eukaryotic_	0	0	0	0	0	1	0	0	0	0
pseudogen	telomeric_	0	0	0	6	5	4	0	0	0	0.39164
pseudogen	-	7	7	2	5	11	5	0.65646	0.841817	0.226302	0.727798
pseudogen	tetratricop	16	16	17	17	39	50	0.123374	0.15821	0.158162	0.203463
protein_co	UBX_doma	366	275	288	411	520	598	3.386296	3.262765	3.215025	5.902229
pseudogen	-	0	0	0	0	0	1	0	0	0	0
protein_co	COBW_dor	2	6	2	4	4	4	0.028196	0.108472	0.03402	0.087528
protein_co	chromosor	1	1	0	2	8	2	0.050474	0.064725	0	0.156684
pseudogen	-	1	2	3	7	8	10	0.031747	0.081422	0.114913	0.344928
pseudogen	keratin_18_	0	0	0	1	0	0	0	0	0	0.05655
pseudogen	-	159	119	135	75	118	121	2.713069	2.603874	2.779364	1.986348
pseudogen	-	120	90	94	338	435	193	1.563869	1.504081	1.47807	6.837013
pseudogen	-	112	88	89	177	228	159	1.050126	1.058073	1.006843	2.57589
antisense	-	7	1	1	1	2	2	0.557267	0.102088	0.096053	0.123565
pseudogen	olfactory_r	0	0	0	0	0	1	0	0	0	0
lincRNA	long_interg	0	0	0	1	0	0	0	0	0	0.033493
pseudogen	mitogen-ac	0	0	0	1	0	0	0	0	0	0.033977
protein_co	mucin_5AC	0	0	0	2	0	0	0	0	0	0.036281
pseudogen	-	0	2	1	0	2	2	0	0.295478	0.139006	0
protein_co	golgin_A6_	0	0	0	14	26	11	0	0	0	0.477468
protein_co	family_witl	2	4	4	5	7	1	0.096581	0.247703	0.233061	0.374767
processed_	long_interg	87	61	62	23	21	64	1.555847	1.398901	1.337788	0.638419
protein_co	peroxisoma	1160	940	1064	1119	1337	1610	12.03638	12.50764	13.32072	18.02182
processed_	-	5	5	8	6	6	7	0.079718	0.102227	0.153895	0.14848
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	tyrosine_3-	0	0	1	0	0	0	0	0	0.076661	0
pseudogen	-	0	1	1	0	0	0	0	0.046361	0.04362	0
pseudogen	RNA_bindi	2	1	2	1	0	0	0.080291	0.051481	0.096876	0.062311
protein_co	chromosor	28	24	22	2	5	1	0.550491	0.60508	0.52187	0.061031
protein_co	ubiquitin-c	19	14	14	40	44	16	0.206373	0.195	0.183474	0.674355
pseudogen	ubiquitin_/	5	1	0	0	0	0	0.613744	0.157408	0	0
pseudogen	cytochrom	12	6	4	1	4	1	0.394034	0.252646	0.158475	0.050966
pseudogen	-	3	1	0	0	0	0	0.371161	0.158654	0	0
pseudogen	-	1	0	0	4	11	3	0.03947	0	0	0.24505
lincRNA	-	6	13	10	10	12	8	0.353887	0.983255	0.711642	0.915469
protein_co	HCG20454	4	4	3	19	13	11	0.060896	0.078091	0.055106	0.448966
antisense	-	2	2	0	2	2	5	0.026933	0.034538	0	0.041803
protein_co	FAST_kinas	196	160	169	318	408	423	3.197788	3.347518	3.326813	8.05288
protein_co	golgin_A8_	159	171	149	122	157	114	1.149123	1.584802	1.299283	1.368547
processed_	DHRS4_ant	87	76	69	47	54	35	1.430376	1.602337	1.368762	1.199387
protein_co	potassium_	1	0	1	0	0	0	0.012521	0	0.015107	0
pseudogen	-	0	0	0	0	1	1	0	0	0	0
pseudogen	aldo-keto_r	1	0	0	1	0	0	0.052391	0	0	0.081318

pseudogen	-	2	2	0	2	0	2	0.089399	0.114642	0	0.13876
protein_co	homeobox	34	32	29	57	67	19	0.475615	0.574031	0.489466	1.237604
protein_co	chromosor	4	4	6	16	6	6	0.112311	0.144023	0.203265	0.697292
pseudogen	ribosomal_	0	0	0	0	1	0	0	0	0	0
pseudogen	high_mobil	5	5	3	2	4	4	0.376929	0.483358	0.272872	0.234019
pseudogen	-	2	0	0	1	0	0	0.143176	0	0	0.111114
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	0	1	0	0	0	0	0	0.12193	0
protein_co	DEAD_(Asp	5677	4403	4798	4313	5136	6941	49.90525	49.6347	50.89038	58.84876
pseudogen	-	27	44	37	4	2	0	0.842896	1.761459	1.393671	0.193821
processed_	-	5	0	0	2	1	5	0.213719	0	0	0.132689
protein_co	vacuolar_p	646	483	557	294	356	301	11.01489	10.56098	11.45911	7.780822
protein_co	Uncharacte	1	4	0	1	5	3	0.710455	3.64423	0	1.102724
pseudogen	nucleopho	0	0	0	0	2	0	0	0	0	0
pseudogen	ribosomal_	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	argininosuc	4	1	2	0	1	1	0.150772	0.048336	0.090957	0
protein_co	-	10	9	4	8	20	14	0.215191	0.248356	0.103856	0.267204
pseudogen	mitochond	0	1	1	0	0	0	0	0.058209	0.054768	0
pseudogen	family_witl	0	0	0	0	1	0	0	0	0	0
pseudogen	heat_shock	0	0	0	0	0	1	0	0	0	0
pseudogen	transmemb	0	0	0	0	1	0	0	0	0	0
processed_	family_witl	0	2	0	8	3	5	0	0.08398	0	0.406591
protein_co	myosin_ligl	60	36	43	44	98	78	0.951759	0.732298	0.822986	1.083326
lincRNA	long_interg	22	15	10	1	0	0	0.296858	0.259553	0.162807	0.020944
pseudogen	actin_gamr	4	9	14	8	2	9	0.168366	0.485788	0.711003	0.522656
lincRNA	long_interg	1	4	2	1	0	0	0.059885	0.307176	0.14451	0.09295
protein_co	scratch_ho	0	0	1	18	33	7	0	0	0.015816	0.366239
pseudogen	high_mobil	3	4	2	0	0	0	0.230229	0.393648	0.18519	0
pseudogen	proteasom	0	4	3	2	2	1	0	0.324587	0.229051	0.196437
processed_	miR-17-92_	32	23	28	133	199	371	0.52741	0.486111	0.556806	3.40236
protein_co	zinc_finger_	436	313	320	127	175	189	2.572225	2.36797	2.277826	1.162938
antisense	MCM3AP_a	77	55	68	48	73	75	1.422029	1.302536	1.515216	1.375908
protein_co	aminopept	97	82	96	159	218	144	0.971036	1.052657	1.159532	2.470536
pseudogen	CTAGE_fam	0	0	0	1	2	2	0	0	0	0.030787
pseudogen	-	0	0	0	0	1	0	0	0	0	0
processed_	-	175	141	153	91	110	68	5.620379	5.807056	5.928803	4.536275
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	0	0	32	23	48	0	0	0	0.855604
protein_co	keratin_ass	0	0	0	0	0	1	0	0	0	0
antisense	-	16	17	20	47	88	36	0.163167	0.222315	0.246087	0.743943
pseudogen	-	0	0	1	0	0	1	0	0	0.124069	0
protein_co	SKI_family_	2	0	0	23	44	65	0.031198	0	0	0.556865
protein_co	siah_E3_ub	0	0	0	6	16	10	0	0	0	0.108357
pseudogen	carboxylest	0	0	0	1	2	0	0	0	0	0.071634
pseudogen	breakpoint	0	1	0	2	20	5	0	0.04127	0	0.099904
pseudogen	calmodulin	0	1	0	2	2	1	0	0.133919	0	0.324186
lincRNA	long_interg	1	0	2	0	0	4	0.066795	0	0.161184	0
pseudogen	heterogene	1	0	2	1	2	1	0.030488	0	0.07357	0.047321
pseudogen	-	37	29	25	5	5	1	1.01875	1.023937	0.830527	0.213681
protein_co	CDNA_FLJ2	5	2	13	4	0	1	0.09822	0.050381	0.30812	0.12196
pseudogen	transmemb	0	0	0	2	3	1	0	0	0	0.090691
pseudogen	phosphatid	116	106	102	171	191	104	2.062663	2.417049	2.188359	4.719509
pseudogen	interferon-	5	0	1	1	1	1	0.161801	0	0.039045	0.050228
protein_co	Uncharacte	4	1	0	8	1	1	0.398217	0.127664	0	1.236175
protein_co	EF-hand_ca	0	3	0	6	5	1	0	0.140819	0	0.340889
processed_	long_interg	1	0	2	0	0	0	0.047412	0	0.11441	0
pseudogen	-	97	86	72	71	78	47	4.885426	5.554417	4.375334	5.550339
protein_co	Uncharacte	0	0	1	0	0	0	0	0	0.538814	0
pseudogen	ankyrin_rep	0	0	0	1	0	1	0	0	0	0.01958
pseudogen	-	0	0	0	0	0	1	0	0	0	0
protein_co	GRB2-assoc	0	0	0	2	3	7	0	0	0	0.053951
pseudogen	G_protein-	2	1	0	0	0	0	0.05481	0.035143	0	0
pseudogen	estrogen-re	2	0	0	0	0	4	0.074606	0	0	0
pseudogen	BCL6_corep	0	0	1	0	0	1	0	0	0.011108	0

protein_co	chromosor	0	1	0	4	2	2	0	0.037487	0	0.181496
pseudogen	-	0	0	0	1	0	0	0	0	0	0.057352
protein_co	H6_family_	8	6	4	5	8	14	0.198162	0.190586	0.119547	0.192234
pseudogen	glucuronid	23	8	19	9	10	5	0.890562	0.397224	0.887642	0.54089
protein_co	glucagon_r	0	0	0	16	31	5	0	0	0	0.567761
antisense	-	0	0	0	4	5	0	0	0	0	0.616778
protein_co	chymotryp	1	1	1	4	3	0	0.050802	0.065146	0.061295	0.315405
protein_co	transmemb	261	182	177	121	175	165	6.802832	6.08317	5.56635	4.895139
protein_co	transmemb	744	559	628	315	355	253	12.46825	12.01307	12.69815	8.19358
pseudogen	mitochond	0	0	0	0	1	0	0	0	0	0
protein_co	Uncharacte	1	0	0	0	0	1	0.010772	0	0	0
processed_	hsa-mir-60	10	14	6	1	5	0	0.163894	0.294239	0.118648	0.025439
pseudogen	leucine_ric	1	0	0	0	0	0	0.101494	0	0	0
protein_co	family_witl	32	18	18	120	144	60	0.627029	0.452293	0.425557	3.649635
pseudogen	cofilin_1_(	0	0	0	2	1	0	0	0	0	0.294655
protein_co	tumor_nec	274	243	274	111	150	99	3.688735	4.195102	4.450671	2.319425
protein_co	solute_carr	153	132	157	124	137	77	3.452441	3.819602	4.274473	4.342972
pseudogen	-	11	5	8	2	4	1	0.308856	0.180029	0.27102	0.087161
pseudogen	-	0	4	3	2	6	0	0	0.195385	0.137877	0.118245
pseudogen	riboflavin_	0	1	1	0	0	0	0	0.14049	0.132186	0
pseudogen	-	0	1	0	0	0	0	0	0.046757	0	0
processed_	-	269	175	213	176	215	124	8.206516	6.846268	7.840327	8.333926
pseudogen	butyrophili	1	1	1	0	0	1	0.053959	0.069194	0.065104	0
pseudogen	zinc_finger	3	3	1	5	1	0	0.130613	0.167492	0.052531	0.337882
pseudogen	zinc_finger	1	2	2	1	3	1	0.014486	0.037152	0.034956	0.022484
pseudogen	keratin_18	0	0	0	1	0	0	0	0	0	0.057172
pseudogen	glutaminyl	0	0	0	0	2	0	0	0	0	0
pseudogen	-	6	5	2	3	12	7	0.142885	0.152691	0.057466	0.110888
pseudogen	-	0	1	0	2	1	0	0	0.049449	0	0.119704
pseudogen	-	0	0	1	1	0	1	0	0	0.063999	0.08233
antisense	-	0	0	0	1	0	0	0	0	0	0.277786
protein_co	thiosulfate	4	1	0	183	184	125	0.230701	0.07396	0	16.38217
pseudogen	-	0	1	0	0	0	0	0	0.098735	0	0
pseudogen	PDZ_doma	1	1	1	1	0	0	0.013405	0.01719	0.016174	0.020806
pseudogen	-	6	4	6	2	0	2	0.74626	0.637982	0.900406	0.3861
processed_	-	40	31	45	22	20	16	0.848688	0.84345	1.15199	0.724505
lincRNA	-	1	3	1	80	106	147	0.025778	0.09917	0.031103	3.200871
pseudogen	-	1	2	2	3	1	4	0.037392	0.095901	0.090232	0.174114
pseudogen	-	0	0	0	1	0	0	0	0	0	0.08941
pseudogen	suppressio	0	0	0	1	0	0	0	0	0	0.068338
pseudogen	MARCKS-lik	0	2	0	1	2	4	0	0.123217	0	0.074569
protein_co	cytochrom	85	59	56	106	152	85	0.7063	0.628683	0.561444	1.36712
pseudogen	-	1	1	0	1	0	0	0.093968	0.120501	0	0.145851
pseudogen	-	0	1	0	1	0	0	0	0.030678	0	0.037133
protein_co	zinc_finger	5	11	12	50	98	34	0.058496	0.165027	0.169388	0.907932
protein_co	Uncharacte	0	0	0	1	0	0	0	0	0	1.102724
pseudogen	-	0	0	0	2	4	0	0	0	0	0.443779
protein_co	lactamase_	0	0	0	0	0	2	0	0	0	0
processed_	ciliary_roo	663	541	573	541	728	429	11.25157	11.77351	11.73281	14.25041
protein_co	chromosor	0	1	0	4	19	1	0	0.013186	0	0.063842
protein_co	tetratricop	8	6	3	5	4	3	0.10038	0.096542	0.045418	0.097377
pseudogen	matrix_me	8	4	6	0	5	2	0.333737	0.213985	0.302004	0
protein_co	ATPase_fam	6	2	2	7	24	7	0.072905	0.031163	0.029321	0.132018
pseudogen	-	12	14	17	60	45	50	0.73553	1.100415	1.257233	5.70822
pseudogen	keratin_19	0	0	0	1	3	0	0	0	0	0.071917
pseudogen	-	2	1	0	1	0	0	0.161134	0.103316	0	0.125051
pseudogen	histone_clu	2	3	1	1	0	19	0.455243	0.875677	0.274638	0.3533
pseudogen	-	2	0	0	0	0	0	0.069518	0	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	2	0	0	0	0	0	0.11961	0
pseudogen	ribosomal_	0	1	0	0	0	0	0	0.209511	0	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.073963
pseudogen	ribosomal_	0	0	0	4	4	0	0	0	0	0.58812
pseudogen	retinoic_ac	0	0	0	0	1	0	0	0	0	0
pseudogen	ribosomal_	0	0	0	0	0	1	0	0	0	0

pseudogen	-	0	0	1	5	0	0	0	0	0.095728	0.615734
protein_co	interferon_	0	0	0	0	2	0	0	0	0	0
protein_co	immunoglo	1	0	2	3	10	0	0.047412	0	0.11441	0.220768
pseudogen	-	0	0	2	0	0	0	0	0	0.156936	0
pseudogen	-	0	0	4	3	0	1	0	0	0.302948	0.292288
pseudogen	-	0	0	1	0	0	0	0	0	0.148492	0
pseudogen	nudix_(nuc	0	0	0	2	3	4	0	0	0	0.26227
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	355	260	285	126	163	74	5.477445	5.144372	5.305699	3.017524
pseudogen	-	1	1	1	0	1	1	0.062687	0.080387	0.075636	0
pseudogen	-	10	9	8	0	0	1	0.185777	0.214409	0.17932	0
pseudogen	-	2	0	0	2	1	2	0.236222	0	0	0.366649
pseudogen	tubulin_be	0	0	3	2	4	2	0	0	0.194864	0.167118
pseudogen	ribosomal_	3	0	0	2	0	0	0.254376	0	0	0.263218
pseudogen	ribosomal_	14	16	10	32	51	22	0.743443	1.089555	0.640719	2.637547
pseudogen	-	2	1	3	1	2	6	0.242326	0.155374	0.43857	0.188062
protein_co	Protein_LO	30	22	27	55	57	33	1.395536	1.312357	1.515415	3.97112
pseudogen	-	2	1	4	0	1	0	0.043097	0.027633	0.103999	0
protein_co	Protein_LO	1	1	1	9	1	6	0.078807	0.101058	0.095085	1.100871
protein_co	coiled-coil_	7	6	5	8	5	2	0.082099	0.09024	0.070755	0.145632
pseudogen	ribosomal_	1	0	2	0	0	2	0.100622	0	0.242813	0
pseudogen	heat_shock	0	0	0	0	1	1	0	0	0	0
pseudogen	-	3	1	3	0	3	0	0.428872	0.183323	0.517459	0
pseudogen	-	4	0	2	1	0	0	0.361387	0	0.218017	0.140231
pseudogen	-	0	0	0	0	1	0	0	0	0	0
protein_co	Uncharacte	5	2	4	2	2	3	0.545233	0.279673	0.526284	0.338511
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	peptidylpro	4	7	3	3	14	9	0.378909	0.85032	0.342882	0.44109
protein_co	folliculin_i	739	547	603	282	330	199	5.42026	5.144846	5.33631	3.210371
pseudogen	-	0	0	0	4	3	1	0	0	0	0.584577
pseudogen	La_ribonuc	0	0	1	0	0	0	0	0	0.193752	0
pseudogen	ankyrin_rep	50	44	48	17	33	13	0.890768	1.005209	1.031772	0.470082
pseudogen	-	0	0	0	3	2	5	0	0	0	0.455823
pseudogen	-	0	0	0	1	2	0	0	0	0	0.231047
pseudogen	-	0	0	0	1	0	0	0	0	0	0.060298
pseudogen	-	0	0	0	0	0	3	0	0	0	0
protein_co	Sp9_transc	0	0	2	0	0	7	0	0	0.044303	0
pseudogen	chromobo	1	0	2	0	2	2	0.084946	0	0.204984	0
processed_	-	0	0	1	2	7	2	0	0	0.114525	0.294655
pseudogen	-	0	0	3	0	1	3	0	0	0.340133	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	ubiquinol-(	0	0	0	1	3	0	0	0	0	0.189038
pseudogen	PRELI_dom	0	1	0	5	5	3	0	0.066589	0	0.402989
pseudogen	-	0	0	3	0	0	0	0	0	0.264784	0
pseudogen	iron-sulfur_	2	2	0	3	1	2	0.242326	0.310748	0	0.564185
protein_co	synaptoner	1	1	0	3	5	2	0.104665	0.134218	0	0.487365
pseudogen	-	0	0	0	2	1	2	0	0	0	0.250102
protein_co	LOC39262	4	4	4	0	0	1	0.189838	0.24344	0.229051	0
pseudogen	-	2	0	0	2	2	1	0.112852	0	0	0.175162
pseudogen	-	0	0	1	1	0	0	0	0	0.072071	0.092713
pseudogen	-	3	2	0	3	2	0	0.314698	0.269037	0	0.488455
pseudogen	ribosomal_	2	1	3	3	1	0	0.232129	0.148836	0.420115	0.540444
protein_co	chemokine	50	37	37	20	25	20	3.504486	3.325564	3.128989	2.175779
processed_	-	64	69	70	55	64	66	0.790559	1.092981	1.043279	1.054502
pseudogen	-	2	0	7	3	3	4	0.127592	0	0.538814	0.29706
pseudogen	prostaglan	2	0	0	2	4	2	0.194564	0	0	0.301991
pseudogen	-	1	0	1	0	0	0	0.088305	0	0.106545	0
pseudogen	-	20	19	6	2	1	7	0.824078	1.003925	0.298289	0.127908
pseudogen	-	1	2	2	18	22	11	0.062106	0.159284	0.149869	1.735148
protein_co	-	1	0	1	0	0	1	0.050802	0	0.061295	0
pseudogen	ribosomal_	2	3	2	8	9	4	0.189838	0.365161	0.229051	1.17862
pseudogen	chaperonir	2	2	1	0	0	1	0.058212	0.074649	0.035118	0
pseudogen	-	0	2	0	1	0	1	0	0.261434	0	0.158217
pseudogen	-	0	0	0	1	0	0	0	0	0	0.239407
pseudogen	lactate_deh	2	2	5	1	0	0	0.086673	0.111146	0.261439	0.067264

pseudogen	-	46	31	40	41	55	16	1.767984	1.527888	1.854935	2.445879
pseudogen	-	0	0	0	1	0	0	0	0	0	0.188062
pseudogen	-	0	1	0	1	1	3	0	0.066222	0	0.080154
pseudogen	histone_clu	1	1	0	0	0	1	0.176943	0.226905	0	0
pseudogen	-	1	1	0	0	1	0	0.055035	0.070575	0	0
pseudogen	zinc_finger_	3	2	1	4	1	5	0.16338	0.139674	0.065709	0.338118
pseudogen	-	2	0	1	1	1	0	0.325625	0	0.196443	0.252708
pseudogen	-	0	2	2	0	0	0	0	0.042767	0.040239	0
protein_co	presequenc	81	66	96	61	101	136	4.712272	4.92378	6.738522	5.508149
pseudogen	-	0	0	0	2	2	0	0	0	0	0.063259
antisense	-	2	1	2	1	6	4	0.060896	0.039045	0.073475	0.04726
pseudogen	-	0	0	0	2	0	0	0	0	0	0.150371
pseudogen	-	17	8	10	0	0	0	0.220751	0.133215	0.156675	0
pseudogen	ribosomal_	0	0	0	1	0	0	0	0	0	0.147626
pseudogen	-	0	1	0	0	1	4	0	0.123724	0	0
pseudogen	DnaJ_(Hsp4	0	0	0	0	1	0	0	0	0	0
antisense	KIRREL3_ar	1	0	1	0	1	0	0.026522	0	0.032	0
pseudogen	keratin_18_	1	2	0	0	0	0	0.034811	0.08928	0	0
pseudogen	-	12	9	18	21	13	9	1.630957	1.568603	2.951765	4.430075
pseudogen	keratin_8_p	0	0	0	3	0	1	0	0	0	0.149753
pseudogen	POM121_tr	2	5	2	1	5	0	0.060193	0.192971	0.072626	0.046714
pseudogen	-	0	1	1	1	2	0	0	0.134519	0.126567	0.162818
pseudogen	TatD_DNas	75	59	73	72	82	112	1.579852	1.593737	1.855351	2.354064
pseudogen	-	1	3	3	5	7	9	0.07934	0.305227	0.287185	0.615734
pseudogen	nephrocan_	0	0	1	4	2	3	0	0	0.041266	0.212341
pseudogen	histone_clu	0	0	1	1	1	1	0	0	0.422205	0.543133
pseudogen	mortality_f	369	247	290	260	332	384	17.89288	15.3589	16.9668	19.56851
pseudogen	-	0	0	0	0	0	2	0	0	0	0
pseudogen	-	0	1	0	4	2	3	0	0.064241	0	0.311025
protein_co	teneurin_tr	13609	10788	11784	1764	1989	1653	58.56518	59.5338	61.18628	11.78263
pseudogen	vomeronas	1	0	1	0	0	1	0.050474	0	0.060899	0
pseudogen	lysophosph	0	0	0	2	2	2	0	0	0	0.209438
pseudogen	retinoic_ac	1	2	2	7	5	3	0.024902	0.063866	0.060091	0.270557
pseudogen	-	0	2	0	0	0	0	0	0.073062	0	0
protein_co	Uncharacte	11	9	10	1	5	10	0.255721	0.268304	0.280493	0.036083
pseudogen	-	8	3	4	4	3	5	0.063429	0.030502	0.038265	0.049225
pseudogen	-	38	18	44	47	56	36	0.647699	0.393434	0.904879	1.243421
pseudogen	NADH_dehy	0	0	0	0	1	0	0	0	0	0
pseudogen	-	74	69	52	104	131	105	7.762553	9.281781	6.581491	16.93311
pseudogen	NIP7_nucle	0	1	0	5	0	6	0	0.116757	0	0.7066
pseudogen	ribosomal_	0	0	1	2	1	0	0	0	0.224506	0.577617
pseudogen	-	1	0	0	0	0	0	0.126388	0	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	H2A_histor	0	2	0	1	1	1	0	0.310748	0	0.188062
lincRNA	long_interg	175	157	134	296	311	154	7.785344	8.956715	7.192711	20.43911
pseudogen	-	0	1	0	0	0	0	0	0.124751	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
protein_co	Uncharacte	2	0	1	1	4	2	0.063537	0	0.03833	0.049309
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	glyceraldeh	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	1	0	0	0	0	0	0.012612	0
pseudogen	-	1	1	0	4	6	7	0.124048	0.159074	0	0.770157
pseudogen	-	4	0	2	1	0	0	0.304481	0	0.183687	0.118149
pseudogen	-	0	0	0	1	1	0	0	0	0	0.098351
protein_co	HCG20007	0	2	0	0	0	0	0	0.077537	0	0
pseudogen	bromodom	0	1	0	0	1	1	0	0.039507	0	0
pseudogen	-	0	0	2	1	0	1	0	0	0.223619	0.143834
pseudogen	histone_clu	2	1	0	5	8	13	0.269483	0.172787	0	1.045687
pseudogen	-	0	1	0	0	0	0	0	0.046432	0	0
pseudogen	-	2	0	0	0	0	0	0.072981	0	0	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.179261
protein_co	HCG19881	10	7	4	53	86	52	0.14848	0.133283	0.07166	1.221447
pseudogen	-	0	0	0	1	0	1	0	0	0	0.237068
pseudogen	-	1	1	1	1	1	0	0.085722	0.109927	0.103429	0.133053
pseudogen	-	0	0	0	0	0	1	0	0	0	0

pseudogen	family_witl	0	0	1	0	0	0	0	0	0.049846	0
pseudogen	glutathione	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	2	0	0	0	0	0	0.310003	0
protein_co	poly(A)_pol	0	1	0	2	3	0	0	0.014108	0	0.034153
pseudogen	-	0	0	1	1	0	1	0	0	0.048688	0.062633
pseudogen	nuclear_fra	0	0	1	0	2	0	0	0	0.038253	0
protein_co	zinc_finger_	1525	994	1147	971	1430	485	33.47719	27.98175	30.3802	33.08483
pseudogen	tubulin_be	1	2	2	4	3	1	0.094727	0.242949	0.228588	0.58812
pseudogen	prothymos	1	0	0	3	1	1	0.142091	0	0	0.661635
pseudogen	ferritin_hea	0	1	0	0	0	0	0	0.214749	0	0
pseudogen	-	1	0	0	0	0	0	0.11007	0	0	0
pseudogen	-	4	3	2	7	3	3	0.313122	0.301151	0.1889	0.850515
protein_co	Uncharacte	1	0	3	5	2	11	0.015568	0	0.05635	0.120816
pseudogen	-	2	0	0	1	3	0	0.239235	0	0	0.185663
pseudogen	ribosomal_	0	0	0	0	0	2	0	0	0	0
pseudogen	tripartite_r	0	0	0	0	0	1	0	0	0	0
pseudogen	superoxide	0	0	0	0	1	0	0	0	0	0
pseudogen	nucleopho	1	2	0	7	1	0	0.05365	0.137597	0	0.582905
pseudogen	-	0	0	1	0	3	3	0	0	0.053222	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	2	0	0	0	0	0	0.713527
pseudogen	ferritin_hea	0	2	0	0	0	0	0	0.227764	0	0
pseudogen	calcyclin_b	0	1	2	0	0	0	0	0.096208	0.181042	0
protein_co	ribonuclea	2	3	2	2	2	4	0.098508	0.189485	0.118856	0.152899
pseudogen	-	41	51	35	51	44	48	1.724207	2.750331	1.775913	3.328942
pseudogen	-	0	0	1	0	0	0	0	0	0.445476	0
pseudogen	archaelysin	0	0	0	0	1	0	0	0	0	0
pseudogen	nucleopho	0	0	0	0	1	0	0	0	0	0
pseudogen	phosphatid	0	0	0	0	0	2	0	0	0	0
pseudogen	-	0	1	0	1	0	0	0	0.110941	0	0.13428
pseudogen	ribosomal_	0	1	2	0	5	2	0	0.163841	0.308313	0
pseudogen	-	3	1	3	2	0	1	0.392933	0.16796	0.474096	0.406591
pseudogen	activating_	0	1	0	0	0	0	0	0.064865	0	0
pseudogen	-	5	3	1	0	1	0	0.253734	0.195227	0.061229	0
pseudogen	heat_shock	10	12	12	7	6	15	0.596565	0.918012	0.863748	0.648166
pseudogen	-	2	0	3	5	2	8	0.155265	0	0.281004	0.602482
pseudogen	-	0	0	0	0	2	0	0	0	0	0
antisense	-	4	2	3	1	3	2	0.259419	0.166334	0.234753	0.100664
pseudogen	mannose-b	0	0	1	0	0	0	0	0	0.08785	0
pseudogen	-	4	5	3	0	1	1	0.277456	0.444747	0.251075	0
protein_co	testis_expr	0	0	0	0	0	1	0	0	0	0
protein_co	family_witl	301	246	249	1035	1230	742	5.350226	5.607252	5.340144	28.55462
processed_	-	0	0	0	338	444	340	0	0	0	12.82564
pseudogen	ribosomal_	0	0	0	0	0	5	0	0	0	0
pseudogen	-	12	10	7	6	14	17	0.637959	0.681744	0.449012	0.495101
protein_co	neuroblast	1021	835	898	369	401	280	8.070585	8.463989	8.564532	4.527267
pseudogen	ferritin_hea	3	3	5	3	7	4	0.273677	0.350952	0.550345	0.424785
pseudogen	-	0	3	0	0	0	2	0	0.503881	0	0
pseudogen	-	0	2	0	0	1	0	0	0.416123	0	0
protein_co	Uncharacte	117	72	80	78	77	93	2.598831	2.05085	2.144027	2.689164
pseudogen	ribosomal_	1	1	0	0	1	0	0.084487	0.108342	0	0
pseudogen	zinc_finger_	0	2	1	1	1	1	0	0.024483	0.011518	0.014817
pseudogen	-	0	0	2	0	0	0	0	0	0.819935	0
protein_co	protein_ph	13	3	6	8	8	6	0.351135	0.103911	0.195537	0.335391
pseudogen	HIG1_hypo	1	0	1	1	2	0	0.181744	0	0.219285	0.282092
protein_co	family_witl	37	34	53	10	9	13	0.6632	0.781503	1.146216	0.27821
pseudogen	bone_morp	5	0	2	2	4	3	0.146715	0	0.070808	0.091089
processed_	-	73	48	51	123	149	117	0.855743	0.721558	0.721338	2.237979
pseudogen	-	1	0	1	2	3	0	0.032608	0	0.039343	0.101224
pseudogen	-	2	0	3	2	3	4	0.321165	0	0.581255	0.498492
pseudogen	-	0	0	0	2	0	0	0	0	0	0.344928
pseudogen	patched_d	0	0	0	0	4	0	0	0	0	0
pseudogen	-	1	1	0	4	5	1	0.038215	0.049006	0	0.237261
pseudogen	-	1	0	2	0	0	0	0.033303	0	0.080363	0
pseudogen	-	3	2	3	4	2	2	0.347333	0.296937	0.419078	0.718813

pseudogen	-	3	5	7	1	2	1	0.188819	0.403556	0.531582	0.097691
pseudogen	-	0	0	1	1	0	0	0	0	0.064732	0.083272
pseudogen	oligosaccha	0	1	0	0	1	0	0	0.131575	0	0
pseudogen	-	2	4	1	2	0	0	0.20387	0.522868	0.12299	0.316434
pseudogen	glyceraldeh	3	6	1	1	1	0	0.143395	0.367766	0.057671	0.074189
pseudogen	zinc_finger_	12	9	6	13	26	14	0.339578	0.326595	0.20486	0.570994
pseudogen	ribosomal_	3	0	2	1	1	0	0.379165	0	0.304989	0.196172
pseudogen	-	0	0	0	1	0	1	0	0	0	0.418275
pseudogen	ribosomal_	0	0	0	0	1	0	0	0	0	0
pseudogen	-	2	1	1	1	0	0	0.094346	0.060493	0.056917	0.073219
pseudogen	-	26	17	10	1	1	0	2.796194	2.34451	1.297603	0.166926
protein_co	leucine_ric	5	3	0	99	162	15	0.104619	0.080495	0	3.215172
protein_co	Homo_sapi	10	6	4	25	24	10	0.225758	0.173702	0.108956	0.876021
pseudogen	MT-CYB_ps	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	heterogene	0	1	0	1	2	1	0	0.06257	0	0.075733
lincRNA	-	5	7	11	12	18	13	0.125307	0.224964	0.332619	0.466787
protein_co	zinc_finger_	1	4	1	4	3	10	0.02036	0.104437	0.024566	0.126409
protein_co	vesicle-assc	338	249	278	203	258	268	7.361275	6.954166	7.305151	6.862192
pseudogen	ribosomal_	4	1	0	0	0	1	0.476041	0.152614	0	0
pseudogen	-	7	3	6	3	3	4	0.276987	0.152227	0.286458	0.184253
pseudogen	histone_clu	5	3	10	4	2	8	0.475558	0.365901	1.147576	0.590505
pseudogen	-	0	0	0	0	1	1	0	0	0	0
pseudogen	-	1	0	2	0	0	0	0.073611	0	0.177631	0
pseudogen	keratin_8_p	0	0	1	0	0	0	0	0	0.04044	0
pseudogen	FCF1_small	1	2	0	2	0	0	0.097282	0.249501	0	0.301991
pseudogen	tubulin_be	0	1	0	0	0	0	0	0.045142	0	0
pseudogen	-	0	0	1	0	0	0	0	0	0.157592	0
pseudogen	-	0	1	0	6	4	4	0	0.08237	0	0.59819
pseudogen	Yes-associat	2	2	3	0	0	0	0.067322	0.086331	0.121842	0
pseudogen	-	0	0	0	1	0	1	0	0	0	0.217904
pseudogen	-	2	1	0	2	5	1	0.143395	0.091942	0	0.222568
pseudogen	phosphogly	1	0	1	0	0	0	0.061616	0	0.074344	0
pseudogen	argininosuc	0	0	0	0	1	0	0	0	0	0
pseudogen	-	1	0	0	0	0	0	0.112177	0	0	0
pseudogen	-	0	0	0	0	0	2	0	0	0	0
pseudogen	pyruvate_k	5	2	5	4	0	0	0.327902	0.168195	0.395633	0.40716
pseudogen	ribosomal_	3	0	1	3	2	3	0.387521	0	0.155855	0.601486
pseudogen	-	1	0	0	0	2	0	0.136706	0	0	0
pseudogen	-	0	0	0	0	0	5	0	0	0	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.134033
pseudogen	regulator_c	0	1	0	0	0	0	0	0.047571	0	0
pseudogen	-	3	1	2	0	0	2	0.118409	0.050614	0.095245	0
pseudogen	-	3	4	6	0	5	12	0.076203	0.130292	0.183886	0
pseudogen	-	1	0	2	0	0	0	0.084639	0	0.204244	0
pseudogen	-	1	4	0	3	2	1	0.060348	0.309549	0	0.281003
pseudogen	olfactory_r	0	0	0	0	1	1	0	0	0	0
pseudogen	-	1	0	0	1	0	0	0.119617	0	0	0.185663
pseudogen	-	1	1	2	0	0	2	0.052626	0.067486	0.126993	0
pseudogen	ribosomal_	23	12	28	26	49	32	1.986133	1.328835	2.917337	3.484852
pseudogen	-	1	1	1	8	8	7	0.183164	0.234882	0.220998	2.274369
pseudogen	-	9	5	11	0	0	0	0.477387	0.340101	0.703994	0
pseudogen	myotubula	205	161	144	229	337	160	3.663283	3.689366	3.104753	6.351591
pseudogen	ribosomal_	5	3	4	3	3	7	0.431768	0.332209	0.416762	0.402098
pseudogen	-	13	12	15	7	10	7	0.493579	0.584257	0.687152	0.412517
pseudogen	-	103	62	70	111	145	142	8.910834	6.878316	7.3068	14.90509
pseudogen	ribosomal_	23	22	17	6	19	12	2.344501	2.875773	2.090834	0.949302
pseudogen	-	8	7	8	3	3	5	1.364073	1.530577	1.645833	0.793961
pseudogen	mitochond	0	0	0	1	0	0	0	0	0	0.127237
pseudogen	DnaJ_(Hsp4	0	1	0	0	3	0	0	0.214749	0	0
pseudogen	histone_clu	0	0	0	1	0	0	0	0	0	0.174532
pseudogen	mesoderm_	0	0	0	0	0	1	0	0	0	0
pseudogen	-	1	1	0	4	0	3	0.130613	0.167492	0	0.810917
pseudogen	oligosaccha	0	0	1	0	1	1	0	0	0.126003	0
antisense	IGBP1_anti	2	1	1	2	1	0	0.182807	0.117212	0.110284	0.283742

pseudogen	-	0	2	0	3	1	0	0	0.12959	0	0.23528
processed_	-	19	18	17	10	14	14	0.780815	0.948586	0.84293	0.63786
protein_co	early_B-cell	405	387	354	208	236	418	3.691051	4.522883	3.892659	2.942313
protein_co	chromosor	3	6	10	4	4	10	0.141519	0.362957	0.56917	0.292876
protein_co	chromosor	81	62	68	50	80	27	6.905621	6.778268	6.99479	6.616346
protein_co	protein_ph	1379	1028	1084	589	765	1006	21.38979	20.44771	20.28708	14.18038
protein_co	pregnancy_	0	0	0	0	1	0	0	0	0	0
protein_co	Fanconi_ar	782	655	658	844	1038	902	13.9369	14.9696	14.14925	23.34707
protein_co	keratin_ass	0	0	0	2	1	0	0	0	0	0.115984
protein_co	adaptor-rel	445	330	380	211	226	260	6.12267	5.822427	6.308302	4.506026
protein_co	chromosor	28	24	21	10	17	23	0.211761	0.232761	0.191627	0.117387
pseudogen	-	0	0	0	3	2	1	0	0	0	0.128738
protein_co	taste_recep	0	0	0	1	1	1	0	0	0	0.078766
protein_co	olfactory_r	0	0	0	1	0	0	0	0	0	0.069579
protein_co	keratin_ass	0	0	0	3	5	0	0	0	0	0.198852
protein_co	keratin_ass	0	0	0	0	1	0	0	0	0	0
protein_co	plexin_A4	1238	1046	1233	19	19	44	4.210782	4.562293	5.060032	0.100306
protein_co	CCAAT/enh	126	78	111	109	153	71	2.712646	2.153409	2.883325	3.642332
polymorph	pregnancy_	0	0	0	0	0	1	0	0	0	0
protein_co	olfactory_r	0	0	0	0	3	0	0	0	0	0
protein_co	ariadne_ho	24	10	14	13	11	8	0.704231	0.376282	0.495655	0.592076
protein_co	chromosor	80	66	69	66	72	37	1.315749	1.391991	1.369242	1.684836
protein_co	histocompa	15	24	17	21	20	25	1.031305	2.116005	1.41024	2.24102
protein_co	neuronal_p	1593	1249	1323	478	603	335	12.91421	12.98446	12.94077	6.014652
protein_co	family_witl	82	70	68	71	78	117	1.550396	1.697212	1.551264	2.083615
protein_co	protein_ph	1028	751	831	1071	1116	980	12.23425	11.46129	11.93255	19.78354
protein_co	chromosor	18	8	8	26	35	4	1.135963	0.647427	0.609158	2.546803
protein_co	zinc_finger	6	2	6	16	27	9	0.126161	0.053928	0.152221	0.522187
protein_co	tripartite_r	307	187	256	170	207	119	4.490092	3.507259	4.51757	3.859191
pseudogen	family_witl	6	4	4	10	3	8	0.173239	0.148103	0.139349	0.448151
protein_co	olfactory_r	0	0	0	0	0	2	0	0	0	0
protein_co	taste_recep	0	1	1	0	0	0	0	0.058209	0.054768	0
protein_co	olfactory_r	0	0	0	0	2	0	0	0	0	0
protein_co	tigger_tran	69	53	70	44	74	59	1.321655	1.30183	1.617764	1.308134
protein_co	FXYD_dom	1	1	3	41	57	28	0.042205	0.054122	0.152769	2.685843
protein_co	XK_Kell_blo	8	2	2	16	27	6	0.118185	0.037889	0.035649	0.36688
protein_co	chromosor	13	15	12	23	23	35	0.361978	0.535598	0.403151	0.994023
protein_co	chromosor	18	13	18	18	20	2	0.373791	0.346186	0.451	0.580176
protein_co	solute_carr	72	71	67	108	173	209	0.969024	1.225378	1.08799	2.25609
protein_co	transmemb	1	3	1	1	0	0	0.036181	0.139189	0.043654	0.056157
protein_co	apolipopro	6	5	6	1	0	1	0.091672	0.097963	0.110607	0.023715
protein_co	fatty_acid_	654	469	478	401	582	342	5.770808	5.306901	5.089027	5.49204
protein_co	olfactory_r	1	1	0	14	16	3	0.050257	0.064448	0	1.092087
pseudogen	tetratricop	3	0	0	0	0	0	0.121477	0	0	0
protein_co	chromosor	0	1	0	1	0	1	0	0.036114	0	0.043712
protein_co	cyclin_L2	2696	2297	2464	1340	1805	2421	28.39521	31.02384	31.31223	21.90587
protein_co	ubiquitin_/	7159	5493	5614	7399	7557	7615	117.9914	116.0959	111.6397	189.2786
protein_co	myosin_bir	0	0	1	0	2	1	0	0	0.041236	0
protein_co	palmitoyl-p	114	100	115	117	97	114	2.427549	2.73069	2.95467	3.867047
protein_co	chromosor	63	48	56	33	33	42	1.830279	1.788247	1.962967	1.488063
protein_co	zinc_finger	33	34	21	29	20	18	0.554414	0.732502	0.425685	0.756222
protein_co	TGFB1-indu	40	19	15	34	25	31	0.351434	0.214065	0.159009	0.463652
protein_co	Uncharacte	1	0	0	0	0	0	0.079745	0	0	0
protein_co	chromosor	0	1	0	0	0	0	0	0.030741	0	0
protein_co	Uncharacte	3	1	0	1	0	1	0.088583	0.037865	0	0.045831
protein_co	Uncharacte	7	2	3	0	1	1	0.744286	0.272697	0.384867	0
protein_co	BTB_(POZ)_	826	733	761	12	9	14	14.56606	16.57583	16.19179	0.328453
protein_co	family_witl	73	57	48	45	61	51	1.543965	1.545962	1.224909	1.477263
protein_co	Uncharacte	1	2	1	0	0	2	0.013568	0.034797	0.01637	0
protein_co	RAB6C_me	1	0	0	0	0	1	0.015239	0	0	0
protein_co	Uncharacte	0	0	0	2	2	2	0	0	0	0.141046
protein_co	Uncharacte	4	6	3	1	0	0	0.248095	0.477221	0.224506	0.09627
protein_co	Protein_LO	5	3	4	7	15	3	0.169768	0.130622	0.163868	0.368906
protein_co	Uncharacte	4	5	4	15	12	8	0.41222	0.660767	0.497367	2.399334
protein_co	Uncharacte	202	149	179	0	0	0	16.10848	15.23697	17.22282	0

pseudogen	-	1	0	0	0	0	0	0.047701	0	0	0
lincRNA	-	328	212	274	0	0	0	28.4287	23.56288	28.65377	0
protein_co	Uncharacte	0	0	0	0	0	3	0	0	0	0
antisense	-	0	0	0	0	1	0	0	0	0	0
protein_co	adrenocept	4	0	2	121	160	42	0.057218	0	0.034518	2.686503
lincRNA	long_interg	435	343	378	7	5	15	18.61055	18.81799	19.51235	0.464834
lincRNA	-	0	0	2	0	0	0	0	0	0.148298	0
antisense	-	5	2	4	1	4	3	0.46984	0.241001	0.453511	0.145851
antisense	-	1	0	1	2	0	0	0.044446	0	0.053626	0.137971
protein_co	doublecort	12	12	9	5	5	9	0.302029	0.387309	0.273312	0.19533
protein_co	chromosor	3	2	3	2	6	0	0.055977	0.047855	0.067539	0.057923
antisense	-	0	1	2	8	7	4	0	0.076892	0.144694	0.74455
pseudogen	histone_clu	0	0	0	1	3	0	0	0	0	0.096782
antisense	-	5	10	14	9	9	9	0.541455	1.388679	1.829231	1.512744
pseudogen	ferritin_hea	1	0	2	0	1	1	0.050419	0	0.121668	0
sense_intrc	PROX1_intr	0	0	1	0	0	0	0	0	0.247055	0
pseudogen	-	0	0	0	2	1	0	0	0	0	0.237068
antisense	-	21	17	11	17	11	11	2.227806	2.312684	1.407988	2.799223
pseudogen	-	0	1	0	0	0	0	0	0.278379	0	0
processed_	SEC22_vesi	2212	1702	1858	370	462	596	51.65374	50.96659	52.34925	13.41062
lincRNA	-	8	9	5	0	0	0	0.338556	0.488419	0.255305	0
lincRNA	-	0	1	0	0	0	0	0	0.01872	0	0
antisense	-	0	1	0	0	0	2	0	0.07891	0	0
antisense	-	9	2	5	7	5	12	0.531499	0.15146	0.356269	0.641636
pseudogen	-	0	0	0	1	0	1	0	0	0	0.15618
lincRNA	-	20	19	20	6	10	3	1.749628	2.131467	2.111026	0.814699
pseudogen	-	0	0	0	3	1	0	0	0	0	0.627412
lincRNA	maternally	17	16	11	0	4	9	0.302172	0.364699	0.23591	0
pseudogen	ribosomal_	1	0	1	1	3	0	0.084183	0	0.101572	0.130664
lincRNA	-	0	0	0	0	0	1	0	0	0	0
processed_	long_interg	2	3	3	0	0	0	0.042396	0.08155	0.07673	0
pseudogen	-	0	0	2	1	3	0	0	0	0.325147	0.209137
pseudogen	-	0	0	0	5	1	0	0	0	0	0.937884
pseudogen	-	0	2	1	0	0	2	0	0.169858	0.079909	0
pseudogen	-	1	0	0	0	0	2	0.055755	0	0	0
pseudogen	MT-ND6_ps	1	0	1	1	3	0	0.097282	0	0.117377	0.150995
antisense	-	0	0	1	0	0	0	0	0	0.107558	0
antisense	-	1	3	1	1	0	2	0.099343	0.382181	0.119863	0.154194
pseudogen	-	1	0	1	0	2	0	0.126388	0	0.152495	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.073963
sense_intrc	-	2	0	0	0	0	1	0.385926	0	0	0
pseudogen	family_witl	276	241	228	69	48	39	5.798228	6.492509	5.779218	2.249913
antisense	-	5	1	5	12	10	4	0.402835	0.103316	0.486044	1.500614
lincRNA	-	1	1	0	0	0	0	0.110329	0.141482	0	0
lincRNA	-	0	0	1	0	0	0	0	0	0.090957	0
lincRNA	-	14	6	12	17	23	19	0.939142	0.516136	0.971253	1.770038
protein_co	Uncharacte	1	0	0	0	0	0	0.022576	0	0	0
pseudogen	vomeronas	1	1	3	8	15	5	0.136308	0.174796	0.493391	1.692554
antisense	-	14	13	12	19	20	8	1.206728	1.436925	1.247989	2.541942
antisense	NUTM2A_a	321	235	283	201	285	243	6.287258	5.902465	6.687915	6.110585
lincRNA	-	12	5	10	0	0	0	0.869676	0.464682	0.874428	0
processed_	-	5	6	7	81	103	130	0.087124	0.134069	0.147168	2.190696
pseudogen	-	0	1	1	1	4	0	0	0.213226	0.200622	0.258084
antisense	-	1	1	2	0	0	0	0.028944	0.037117	0.069846	0
protein_co	exosome_c	985	692	779	717	1149	1161	27.16863	24.47636	25.92489	30.69595
protein_co	vacuolar_p	587	433	517	516	508	586	8.245788	7.799941	8.762593	11.25056
antisense	-	0	1	0	0	0	2	0	0.142826	0	0
pseudogen	-	2	1	0	1	0	4	0.141662	0.090831	0	0.109939
pseudogen	-	4	4	3	2	2	2	0.571829	0.73329	0.517459	0.443779
pseudogen	ribosomal_	25	15	19	9	11	8	2.565099	1.973626	2.352154	1.4333
pseudogen	-	55	65	77	3	8	3	1.541513	2.336185	2.603894	0.130508
protein_co	CMT1A_du	9	11	9	14	3	7	0.550927	0.863483	0.664725	1.330179
lincRNA	-	0	0	0	5	2	0	0	0	0	0.817751
pseudogen	ATPase_H+_	1	1	2	0	2	1	0.191388	0.245428	0.461841	0
sense_intrc	AFF2_intro	1	0	0	1	0	0	0.105847	0	0	0.164288

pseudogen	casein_kina	3	0	0	2	2	0	0.065519	0	0	0.067797
pseudogen	-	5	10	11	3	3	5	0.076869	0.197147	0.204043	0.071587
antisense	-	1	1	4	3	4	1	0.022223	0.028498	0.107252	0.103478
processed_	-	0	1	1	0	0	0	0	0.075445	0.070986	0
sense_intrc	RABGAP1L_	0	3	0	10	14	12	0	0.244762	0	0.987514
antisense	-	6	5	1	0	5	4	0.336129	0.359198	0.067593	0
pseudogen	eukaryotic_	1	0	0	1	1	0	0.033782	0	0	0.052435
antisense	HLA-DQB1_	0	0	0	0	0	1	0	0	0	0
processed_	-	0	0	1	0	1	0	0	0	0.08966	0
pseudogen	transcriptic	0	2	0	0	0	0	0	0.204523	0	0
processed_	long_interg	50	41	48	39	41	55	1.115898	1.173404	1.292539	1.350982
protein_co	zinc_finger_	9	15	8	230	259	282	0.063748	0.136246	0.068369	2.528603
pseudogen	MT-ND5_ps	4	4	1	7	2	2	0.117666	0.15089	0.035493	0.31961
pseudogen	thymosin_l	4	5	5	2	4	4	0.303495	0.486487	0.457731	0.235533
antisense	-	0	0	0	0	2	0	0	0	0	0
pseudogen	sphingomy	0	0	1	5	6	3	0	0	0.026156	0.168238
lincRNA	-	1	0	0	0	0	0	0.157349	0	0	0
pseudogen	-	2	0	0	3	1	1	0.032517	0	0	0.075707
processed_	-	0	0	1	0	1	0	0	0	0.030254	0
antisense	-	0	0	3	0	0	0	0	0	0.470157	0
pseudogen	cytochrom	0	0	0	0	2	1	0	0	0	0
sense_intrc	DHRSX_intr	1	4	1	3	5	6	0.072028	0.369461	0.086906	0.335391
protein_co	creatine_ki	0	0	0	159	148	102	0	0	0	6.055462
lincRNA	tissue_diffe	9	5	2	16	14	9	0.113049	0.080538	0.030311	0.311941
pseudogen	RNA_bindi	0	0	0	0	2	0	0	0	0	0
antisense	-	7	2	6	4	4	7	0.739257	0.270855	0.764534	0.655674
pseudogen	-	2	3	3	1	6	3	0.17529	0.337176	0.317246	0.136037
pseudogen	trans-golgi_	5	0	1	5	0	1	0.366902	0	0.088538	0.569482
processed_	-	1	0	0	0	0	0	0.057675	0	0	0
pseudogen	-	0	0	0	0	2	0	0	0	0	0
pseudogen	centromere	0	0	0	12	30	24	0	0	0	0.670267
pseudogen	fibronectin	0	0	2	0	0	0	0	0	0.097966	0
pseudogen	-	1	0	0	0	0	0	0.05119	0	0	0
processed_	-	0	1	1	3	3	1	0	0.070492	0.066325	0.255966
pseudogen	-	1	5	5	3	12	14	0.035821	0.229678	0.216102	0.166799
pseudogen	-	1	1	1	0	0	0	0.033421	0.042858	0.040325	0
pseudogen	suppressor_	1	3	4	4	2	14	0.019108	0.073508	0.092218	0.11863
pseudogen	-	12	12	17	6	12	16	0.799262	1.02494	1.36617	0.620282
lincRNA	-	0	0	0	0	0	1	0	0	0	0
pseudogen	adenylate_k	1	0	0	0	0	0	0.072585	0	0	0
pseudogen	-	0	3	3	0	0	2	0	1.288496	1.212332	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.136547
antisense	-	0	0	0	0	2	2	0	0	0	0
antisense	-	2	2	0	0	0	1	0.081619	0.104665	0	0
lincRNA	-	0	0	1	0	0	0	0	0	0.135348	0
pseudogen	ubiquitin-li	1	2	2	2	2	0	0.019644	0.050381	0.047403	0.06098
antisense	-	42	38	32	0	0	0	2.486592	2.885015	2.285879	0
processed_	-	8	8	10	3	4	2	0.192369	0.246686	0.290131	0.111969
pseudogen	-	0	0	0	0	2	0	0	0	0	0
antisense	-	0	0	0	1	1	0	0	0	0	0.177512
antisense	SAMSN1_ar	0	0	0	1	0	1	0	0	0	0.086643
pseudogen	-	0	0	1	3	0	0	0	0	0.154157	0.59493
lincRNA	-	1	0	1	0	0	0	0.087481	0	0.105551	0
pseudogen	eukaryotic_	0	0	0	1	0	0	0	0	0	0.052816
antisense	-	22	16	17	6	10	0	1.395914	1.301863	1.301466	0.590905
lincRNA	-	2	0	1	0	0	0	0.043197	0	0.02606	0
antisense	-	1	0	0	0	0	0	0.132833	0	0	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.122319
lincRNA	long_interg	3	2	2	1	0	0	0.267943	0.229066	0.215526	0.138628
pseudogen	ribosomal_	0	0	0	1	0	0	0	0	0	0.198852
sense_intrc	DIP2A_intr	5	3	4	4	7	6	0.547781	0.421471	0.528743	0.680185
lincRNA	-	2	1	4	2	1	0	0.183882	0.117902	0.443729	0.285411
antisense	-	1	2	6	1	1	4	0.06066	0.155575	0.439137	0.094152
pseudogen	golgin_A6_	0	0	0	0	0	1	0	0	0	0

pseudogen	-	0	0	1	0	1	12	0	0	0.023622	0
lincRNA	-	0	0	1	0	4	0	0	0	0.009362	0
pseudogen	NOP2/Sun_	217	214	209	405	492	342	2.123358	2.685262	2.467504	6.151047
antisense	-	0	0	1	0	0	1	0	0	0.069846	0
lincRNA	-	0	0	1	4	2	1	0	0	0.067755	0.348646
pseudogen	-	0	0	1	0	0	1	0	0	0.091993	0
pseudogen	-	7	8	9	2	3	3	0.759792	1.113515	1.178656	0.336944
lincRNA	-	0	1	0	0	0	0	0	0.222703	0	0
pseudogen	-	0	0	0	1	1	0	0	0	0	0.179703
pseudogen	-	1	2	1	1	2	2	0.038122	0.097772	0.045996	0.059171
pseudogen	RAD17_hor	1	0	0	1	2	2	0.023718	0	0	0.036813
antisense	-	1	2	1	2	2	1	0.063279	0.162294	0.07635	0.196437
pseudogen	-	0	0	0	5	14	5	0	0	0	0.393404
pseudogen	suppressor	1	0	4	4	4	2	0.017911	0	0.086441	0.111199
lincRNA	-	0	0	0	1	0	1	0	0	0	0.231047
antisense	-	0	1	1	4	1	3	0	0.104939	0.098736	0.508061
pseudogen	olfactory_r	0	0	0	1	0	0	0	0	0	0.079715
lincRNA	-	0	0	0	0	1	0	0	0	0	0
processed_	-	96	84	100	170	191	42	1.514108	1.698925	1.902977	4.161644
processed_	-	110	99	97	24	38	73	6.786713	7.832697	7.220821	2.29831
pseudogen	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	8	3	3	10	5	2	0.701159	0.337176	0.317246	1.36037
pseudogen	-	0	0	0	0	0	2	0	0	0	0
antisense	-	1	0	0	0	0	0	0.086354	0	0	0
pseudogen	tumor_sup	19	16	17	1720	2169	1587	0.38122	0.411672	0.411546	53.56494
processed_	-	9	6	10	6	7	1	0.212279	0.181478	0.284585	0.219657
processed_	CCDC74B_a	0	0	0	2	1	2	0	0	0	0.079066
processed_	-	194	162	156	27	36	13	6.549074	7.012978	6.354052	1.414726
lincRNA	long_interg	156	137	166	67	89	72	5.258694	5.922201	6.751642	3.505569
antisense	microRNA_	2	4	1	0	0	1	0.035375	0.090728	0.021341	0
pseudogen	gem_(nucle	0	0	0	0	0	2	0	0	0	0
pseudogen	CD99_mole	130	128	138	151	172	125	1.984924	2.506224	2.542305	3.578557
antisense	-	1	0	1	0	0	0	0.07815	0	0.094293	0
antisense	LGALS8_an	0	0	0	0	1	0	0	0	0	0
pseudogen	-	1	0	1	0	0	0	0.108042	0	0.130358	0
processed_	-	2	1	3	2	3	3	0.018545	0.01189	0.033563	0.028784
lincRNA	-	0	0	0	0	3	0	0	0	0	0
lincRNA	-	1	0	4	1	0	8	0.051134	0	0.246785	0.079367
pseudogen	-	0	1	0	0	0	0	0	0.173786	0	0
antisense	UBE2E1_an	2	1	1	11	6	3	0.12054	0.077288	0.072719	1.02902
antisense	ENTPD3_ar	14	8	11	20	20	14	0.322426	0.236266	0.305663	0.714929
processed_	-	1	0	1	0	0	0	0.021046	0	0.025393	0
protein_co	ceramide_s	26	24	28	47	77	38	0.476599	0.564158	0.619278	1.337236
pseudogen	ribosomal_	1	2	1	0	0	0	0.13025	0.334054	0.157154	0
processed_	-	51	50	42	44	65	34	1.082077	1.360403	1.075191	1.44901
lincRNA	long_interg	0	0	0	0	1	1	0	0	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	1	2	0	0	0	0	0.118599	0.223178	0
lincRNA	-	0	0	1	0	0	0	0	0	0.062792	0
processed_	-	12	8	6	30	39	23	0.632936	0.541101	0.381837	2.456011
lincRNA	-	0	1	1	14	13	6	0	0.147739	0.139006	2.503482
antisense	DIAPH3_an	0	0	0	1	1	2	0	0	0	0.19831
pseudogen	cofilin_1_(r	6	1	1	12	19	4	0.132708	0.028363	0.026687	0.411961
antisense	-	0	1	0	0	0	1	0	0.162513	0	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
pseudogen	DAZ_associ	1	3	0	1	2	1	0.093221	0.358627	0	0.144691
pseudogen	barrier_to_	1	2	1	0	1	0	0.173667	0.445406	0.209539	0
sense_intro	-	6	3	2	0	0	1	1.12988	0.724455	0.454422	0
lincRNA	-	1	0	0	0	2	0	0.111378	0	0	0
sense_intro	BRD2_intro	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	2	1	0	0	0	0	0.212473	0.099957	0
lincRNA	family_witl	1	0	1	6	13	7	0.009994	0	0.012058	0.093069
lincRNA	-	1	0	2	1	1	0	0.041643	0	0.100489	0.064636
pseudogen	-	5	4	11	2	0	2	0.673707	0.691147	1.788306	0.418275
lincRNA	-	0	0	0	1	1	0	0	0	0	0.070048

processed_	-	29	26	16	72	126	80	0.387852	0.445914	0.258188	1.494622
pseudogen	-	4	1	1	0	0	0	0.378909	0.121474	0.114294	0
pseudogen	nucleopho	1	0	0	1	2	0	0.065857	0	0	0.102219
protein_co	major_hist	49	40	40	301	367	307	1.472827	1.54179	1.450654	14.04277
pseudogen	-	1	0	0	0	0	0	0.119923	0	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	14	31	23	2	11	4	1.342454	3.811909	2.661016	0.297668
antisense	ABCC5_ant	0	0	1	1	2	1	0	0	0.12063	0.155181
antisense	-	2	5	1	1	2	1	0.168973	0.54171	0.101938	0.131135
pseudogen	-	4	6	1	6	9	2	0.405097	0.77922	0.122193	0.943151
lincRNA	-	49	28	35	95	96	52	1.470001	1.077181	1.266886	4.423596
pseudogen	-	0	0	0	1	0	0	0	0	0	0.033233
pseudogen	cyclin_J_ps	1	1	0	2	0	1	0.040318	0.051702	0	0.125159
pseudogen	SEC13_hon	3	1	0	0	1	1	0.148386	0.063428	0	0
antisense	-	2	0	4	1	1	2	0.178629	0	0.431051	0.138628
pseudogen	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	2	0	1	0	0	2	0.306471	0	0.184887	0
processed_	ZNF32_anti	0	0	0	2	1	0	0	0	0	0.075341
antisense	-	0	1	0	0	1	1	0	0.145946	0	0
pseudogen	developme	3	1	1	0	1	2	0.253004	0.108147	0.101755	0
pseudogen	-	2	2	1	5	4	0	0.182097	0.233514	0.109855	0.7066
pseudogen	-	2	0	0	0	0	0	0.131161	0	0	0
pseudogen	argininosuc	12	4	6	5	3	8	0.460082	0.196663	0.277558	0.297546
antisense	-	5	7	2	3	1	1	0.412764	0.741036	0.19921	0.3844
lincRNA	-	1	2	1	1	1	0	0.022329	0.057266	0.026941	0.034657
antisense	-	2	0	1	1	1	1	0.12971	0	0.078251	0.100664
pseudogen	-	3	0	5	0	1	0	0.16169	0	0.325147	0
lincRNA	-	0	1	0	0	0	0	0	0.373477	0	0
antisense	-	10	8	11	0	0	0	0.134548	0.138031	0.178574	0
antisense	-	4	3	2	8	15	25	0.085683	0.082407	0.051691	0.265984
pseudogen	-	0	1	0	0	1	0	0	0.233061	0	0
lincRNA	-	0	1	2	1	2	1	0	0.11033	0.207617	0.133541
pseudogen	AFG3_ATPa	371	303	385	235	263	431	5.228794	5.476203	6.54691	5.140743
antisense	-	230	192	219	101	106	129	5.373545	5.752327	6.173411	3.662561
pseudogen	protein-kin	3	4	1	0	2	2	0.066511	0.113721	0.02675	0
pseudogen	zinc_finger	2	2	1	2	1	2	0.067662	0.086767	0.040819	0.105021
antisense	-	7	3	2	12	11	8	0.7294	0.400865	0.251447	1.940795
pseudogen	DEAD/H_(A	0	0	0	0	1	0	0	0	0	0
pseudogen	-	1	1	0	0	0	0	0.037784	0.048453	0	0
pseudogen	-	0	0	0	0	3	0	0	0	0	0
lincRNA	Smith-Mag	4	0	3	2	2	1	0.332553	0	0.300934	0.258084
pseudogen	prohibitin_	0	1	0	0	0	0	0	0.076501	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	heterogene	1	0	0	4	2	1	0.027664	0	0	0.171752
antisense	-	0	0	0	1	0	0	0	0	0	0.031036
sense_intrc	-	1	2	0	0	2	0	0.078675	0.201778	0	0
lincRNA	-	1	0	0	0	0	0	0.071261	0	0	0
pseudogen	-	0	1	0	0	0	0	0	0.108342	0	0
pseudogen	-	1	0	1	4	2	1	0.028802	0	0.034752	0.17882
pseudogen	ATP_syntha	1	0	0	0	0	0	0.052391	0	0	0
pseudogen	-	7	5	5	3	6	1	1.3025	1.193052	1.12253	0.866426
pseudogen	-	0	2	1	0	0	0	0	0.117441	0.05525	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	4	1	6	0	0	0	0.694667	0.222703	1.257233	0
lincRNA	-	0	0	0	1	1	2	0	0	0	0.191023
pseudogen	-	0	0	0	5	3	7	0	0	0	1.250512
lincRNA	-	6	0	3	0	1	1	0.230607	0	0.13912	0
pseudogen	-	4	1	0	0	0	0	0.393208	0.126058	0	0
antisense	MIR181A2_	24	31	27	10	16	12	1.69994	2.815746	2.30746	1.099393
lincRNA	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	1	1	1	0	0	0	0.104211	0.098051	0.126135
sense_intrc	-	0	0	2	1	0	0	0	0	0.177075	0.113896
antisense	TCEAL3_ant	0	0	0	0	0	1	0	0	0	0
lincRNA	EPB41L4A_	186	143	162	545	612	502	2.937536	2.896113	3.086976	13.35971

lincRNA	-	0	0	0	0	0	2	0	0	0	0
pseudogen	splicing_fa	0	0	0	0	0	1	0	0	0	0
pseudogen	cathepsin_	1	0	0	0	0	0	0.119923	0	0	0
processed_	-	1	0	0	0	0	0	0.046518	0	0	0
pseudogen	-	0	0	0	2	0	1	0	0	0	0.099835
pseudogen	high_mobil	0	1	0	1	1	3	0	0.207344	0	0.250965
antisense	-	5	7	5	11	6	15	0.240215	0.431259	0.289834	0.820264
processed_	-	4	4	1	15	14	19	0.243901	0.312769	0.07357	1.419632
lincRNA	-	0	0	0	4	3	1	0	0	0	0.478814
lincRNA	-	1	0	0	7	11	1	0.079475	0	0	0.863489
protein_co	glycolipid_	723	519	533	244	347	259	15.48013	14.24994	13.76929	8.1088
pseudogen	glyceraldeh	2	3	1	1	0	0	0.116787	0.224644	0.070455	0.090635
antisense	EGFR_antis	22	17	11	0	0	0	0.367634	0.364293	0.221786	0
pseudogen	heat_shock	0	0	2	0	0	0	0	0	0.060671	0
pseudogen	arylsulfatas	3	0	0	0	1	0	0.221528	0	0	0
processed_	-	0	1	1	2	7	11	0	0.072533	0.068245	0.175585
pseudogen	-	0	0	0	0	1	0	0	0	0	0
antisense	-	0	0	0	3	0	0	0	0	0	0.277786
pseudogen	-	3	0	3	1	0	0	0.340605	0	0.41096	0.176222
pseudogen	-	3	4	5	3	1	3	0.061187	0.104619	0.123044	0.094971
lincRNA	-	0	0	0	2	0	0	0	0	0	0.196437
lincRNA	long_interg	0	0	0	0	1	0	0	0	0	0
processed_	small_nucl	1908	1623	1641	8768	8892	10702	10.11832	11.03717	10.49993	72.1707
antisense	-	3	4	3	2	9	10	0.161876	0.276777	0.195312	0.167502
pseudogen	ubiquitin-c	3	5	3	2	1	2	0.314698	0.672593	0.379701	0.325637
lincRNA	-	23	10	14	19	27	11	0.810271	0.451764	0.595084	1.03893
pseudogen	-	2	1	0	3	0	0	0.061374	0.039352	0	0.142892
antisense	-	36	23	34	4	8	2	0.462857	0.379212	0.527438	0.079824
pseudogen	-	0	1	0	0	0	0	0	0.078704	0	0
antisense	-	12	13	7	4	5	1	0.779335	1.082669	0.548516	0.403212
pseudogen	-	1	0	0	0	0	2	0.116642	0	0	0
lincRNA	-	1	0	0	0	0	0	0.1073	0	0	0
pseudogen	-	2	0	2	0	3	0	0.061214	0	0.073858	0
lincRNA	-	6	3	3	0	0	0	0.284469	0.182396	0.171614	0
antisense	-	0	0	1	1	1	0	0	0	0.129463	0.166544
antisense	ELMO1_ant	0	0	0	2	0	1	0	0	0	0.275681
pseudogen	cytochrom	0	0	0	3	4	1	0	0	0	0.419883
pseudogen	centromere	0	0	2	47	62	54	0	0	0.232821	7.038376
sense_over	-	28	28	33	44	70	41	0.281985	0.361605	0.400986	0.687782
pseudogen	-	4	1	3	0	3	0	0.433164	0.138868	0.391978	0
antisense	INHBA_anti	7	7	7	0	0	0	0.109228	0.140069	0.13179	0
pseudogen	protein_tyr	0	1	1	0	0	0	0	0.058721	0.05525	0
sense_intrc	-	0	0	0	0	7	5	0	0	0	0
pseudogen	autophagy_	2	1	0	0	1	1	0.225433	0.144543	0	0
pseudogen	POM121_t	5	7	9	6	23	12	0.024557	0.044088	0.053334	0.04574
pseudogen	ubiquitin-c	17	3	9	17	17	17	1.603884	0.362957	1.024506	2.48945
antisense	-	2	1	3	0	0	0	0.13997	0.089746	0.253323	0
antisense	-	1	1	0	1	2	4	0.100192	0.128482	0	0.155512
protein_co	Uncharacte	17	8	7	0	0	0	2.277515	1.374395	1.13151	0
antisense	-	19	13	23	2	0	3	1.72657	1.514898	2.521776	0.282092
sense_intrc	AMMECR1_	0	1	0	1	0	0	0	0.107183	0	0.129732
antisense	-	11	6	9	0	0	0	0.234131	0.163767	0.23113	0
antisense	-	27	27	24	19	33	16	0.84741	1.086683	0.908843	0.92558
pseudogen	-	1	0	0	0	0	0	0.05523	0	0	0
antisense	HLA_compl	0	1	0	3	2	0	0	0.145593	0	0.528667
pseudogen	ubiquinol-c	0	1	1	0	0	0	0	0.239561	0.2254	0
pseudogen	-	0	1	2	0	0	0	0	0.107375	0.202055	0
antisense	DNAJC27_a	10	4	3	3	2	1	0.100622	0.051614	0.036422	0.046854
pseudogen	-	1	2	2	0	1	0	0.057818	0.148286	0.13952	0
lincRNA	-	0	1	0	1	0	0	0	0.183883	0	0.222568
lincRNA	long_interg	0	2	1	3	2	0	0	0.090421	0.042538	0.164165
pseudogen	succinate_c	0	4	3	1	3	4	0	0.501082	0.353597	0.151625
lincRNA	-	35	18	17	0	0	0	0.751787	0.495802	0.440579	0
protein_co	Homo_sapi	37	32	29	3	8	5	0.699851	0.776181	0.661835	0.088076
pseudogen	ubiquitin-c	0	1	0	0	0	0	0	0.137912	0	0

antisense	HOXD_clus	197	135	141	0	1	3	2.181189	1.91677	1.883624	0
antisense	-	7	5	5	8	16	17	0.737596	0.675616	0.63568	1.308401
antisense	-	1	1	1	4	2	3	0.201245	0.258068	0.242813	1.249439
antisense	PHEX_antis	1	0	0	1	0	2	0.024601	0	0	0.038185
pseudogen	-	1	0	0	1	0	1	0.181744	0	0	0.282092
pseudogen	-	0	1	0	1	0	0	0	0.093953	0	0.113718
lincRNA	long_interg	0	0	0	2	1	1	0	0	0	0.132568
antisense	-	2	0	0	0	1	0	0.105135	0	0	0
antisense	-	6	10	4	2	6	7	0.211693	0.452444	0.17028	0.109526
antisense	-	0	0	1	0	0	0	0	0	0.514323	0
pseudogen	-	0	2	0	0	0	0	0	0.890812	0	0
antisense	-	1	1	0	2	4	0	0.113261	0.145241	0	0.351593
pseudogen	ribosomal_	0	0	0	0	2	0	0	0	0	0
lincRNA	-	0	1	0	2	3	0	0	0.114752	0	0.277786
processed_	-	0	0	0	1	2	0	0	0	0	0.024012
pseudogen	olfactory_r	0	0	1	0	1	2	0	0	0.060315	0
lincRNA	-	1	0	0	0	0	0	0.084792	0	0	0
pseudogen	-	0	0	2	2	1	2	0	0	0.166889	0.21469
pseudogen	mitochond	0	1	0	0	0	0	0	0.296206	0	0
antisense	WARS2_int	3	0	3	1	0	3	0.068286	0	0.082392	0.03533
lincRNA	long_interg	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	0	1	2	5	5	0	0	0.112925	0.290538
antisense	-	0	0	0	1	0	0	0	0	0	0.243411
antisense	-	0	0	0	1	0	0	0	0	0	0.171247
pseudogen	-	3	4	2	1	1	1	0.574163	0.981711	0.461841	0.29706
pseudogen	-	0	2	3	4	0	4	0	0.135733	0.191565	0.328577
antisense	-	7	1	2	0	0	0	0.96823	0.177374	0.333779	0
antisense	-	3	1	2	0	7	0	0.114552	0.048966	0.092143	0
pseudogen	-	6	3	2	6	7	2	0.445864	0.285879	0.17932	0.692042
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	1	1	1	0	0	0	0.015756	0.020205	0.019011	0
processed_	SLC25A5_a	23	23	34	39	49	48	0.352211	0.451661	0.628206	0.92698
lincRNA	-	0	3	0	0	0	0	0	0.123809	0	0
pseudogen	male-specif	38	25	47	74	109	68	0.87688	0.739786	1.308587	2.650446
antisense	-	1	0	1	1	0	2	0.071807	0	0.086639	0.111455
lincRNA	-	1	0	0	1	0	0	0.021046	0	0	0.032666
pseudogen	-	1	3	4	1	0	1	0.031725	0.12205	0.153114	0.049242
pseudogen	-	2	2	1	1	1	0	0.367765	0.471606	0.221865	0.285411
lincRNA	-	1	0	1	5	12	3	0.080429	0	0.097042	0.624184
pseudogen	ankyrin_re	0	2	0	0	0	0	0	0.036889	0	0
lincRNA	-	0	1	1	7	2	0	0	0.020684	0.019462	0.175252
pseudogen	mitochond	2	0	1	2	0	0	0.27994	0	0.168882	0.434506
pseudogen	-	5	3	2	5	11	4	0.333499	0.256599	0.160954	0.517637
pseudogen	-	3	0	2	3	4	1	0.192435	0	0.154789	0.298686
pseudogen	-	0	0	1	0	0	0	0	0	0.11546	0
pseudogen	THAP_dom	5	0	1	4	3	2	0.894848	0	0.215937	1.111142
lincRNA	-	0	0	1	0	0	0	0	0	0.157592	0
pseudogen	-	0	1	2	0	0	0	0	0.193967	0.365003	0
pseudogen	glyceraldeh	1	0	0	1	1	1	0.046564	0	0	0.072274
pseudogen	-	0	1	0	0	0	2	0	0.051614	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	0	0	1	1	0	0	0	0	0.075891
lincRNA	-	0	2	0	0	0	0	0	0.217075	0	0
antisense	-	22	15	18	38	51	27	2.497773	2.183891	2.465761	6.696447
pseudogen	-	1	0	2	0	0	0	0.154753	0	0.373436	0
antisense	-	0	0	0	1	1	0	0	0	0	0.208538
pseudogen	MT-ND2_ps	0	0	0	0	2	0	0	0	0	0
sense_intrc	-	4	4	3	3	3	3	0.079073	0.101399	0.071554	0.092049
antisense	-	2	2	0	0	2	6	0.043619	0.055935	0	0
lincRNA	-	0	0	1	0	0	0	0	0	0.159818	0
protein_co	Uncharacte	1	2	0	0	0	0	0.080291	0.205924	0	0
lincRNA	-	1	1	0	1	4	0	0.021559	0.027646	0	0.033462
pseudogen	O-acyltrans	13	9	14	0	1	1	0.276073	0.245094	0.358721	0
antisense	-	0	0	1	0	0	0	0	0	0.261924	0
processed_	-	22	27	21	13	21	4	0.785667	1.236485	0.904863	0.720592

lincRNA	long_interg	2	0	2	0	0	0	0.039239	0	0.047344	0
protein_co	chromosor	3	1	2	2	3	1	0.044986	0.019229	0.036185	0.046549
antisense	-	10	4	1	22	24	13	0.974844	0.50004	0.117621	3.328806
antisense	-	1	1	3	0	0	0	0.103055	0.132153	0.373025	0
antisense	BACE2_intr	1	1	2	2	3	1	0.122749	0.157408	0.296207	0.381046
protein_co	complemer	0	3	0	0	3	0	0	0.033038	0	0
antisense	-	0	0	0	1	2	0	0	0	0	0.061469
antisense	GPC6_antis	2	0	2	1	0	0	0.159762	0	0.192762	0.123986
lincRNA	-	0	1	0	0	0	0	0	0.029915	0	0
pseudogen	ribosomal_	1	2	2	2	2	3	0.063365	0.162513	0.152907	0.196702
antisense	-	0	0	2	0	0	0	0	0	0.286458	0
pseudogen	-	9	5	7	11	13	15	0.192172	0.136908	0.180341	0.364562
pseudogen	-	1	0	0	1	0	0	0.263427	0	0	0.408875
lincRNA	-	10	3	17	0	1	3	0.21333	0.08207	0.437572	0
pseudogen	-	1	0	0	0	0	1	0.016344	0	0	0
pseudogen	ribosomal_	1	5	0	1	2	1	0.07934	0.508712	0	0.123147
sense_intrc	-	4	0	0	0	0	0	0.421483	0	0	0
antisense	STK24_anti	5	3	1	0	7	7	0.183451	0.14115	0.044269	0
protein_co	adrenomed	16	7	10	26	56	75	0.436694	0.244999	0.32931	1.101441
pseudogen	ATP_syntha	0	1	1	1	2	2	0	0.255871	0.240747	0.309701
antisense	PRKAR2A_a	6	5	1	15	20	5	0.081619	0.08722	0.016413	0.316709
lincRNA	long_interg	3	5	3	8	3	6	0.119414	0.25522	0.14408	0.49426
pseudogen	makorin_ri	4	1	2	1	2	0	0.127853	0.040988	0.077131	0.049611
pseudogen	-	7	3	15	2	0	0	0.092303	0.050728	0.238648	0.040934
pseudogen	-	0	0	0	3	4	3	0	0	0	0.921263
pseudogen	phosphatid	1	0	0	0	0	2	0.092852	0	0	0
antisense	-	0	0	0	3	2	0	0	0	0	0.59493
pseudogen	-	2	0	2	0	0	0	0.084108	0	0.101481	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	3	0	3	3	1	3	0.267434	0	0.322674	0.415094
pseudogen	ATP_syntha	0	3	6	0	3	1	0	0.317029	0.596578	0
pseudogen	ribosomal_	3	6	1	0	2	0	0.350798	0.899698	0.141086	0
antisense	-	0	0	0	0	2	0	0	0	0	0
lincRNA	-	11	7	6	3	12	2	1.28306	1.047036	0.844411	0.543133
pseudogen	phosphogly	1	1	1	4	0	0	0.062771	0.080495	0.075737	0.389718
antisense	-	3	0	0	0	0	0	0.279662	0	0	0
processed_	-	15	16	10	4	8	2	1.342271	1.836024	1.079685	0.555571
pseudogen	-	0	0	0	0	1	0	0	0	0	0
protein_co	ataxin_1-lil	1115	865	871	746	891	1008	6.633977	6.599705	6.252667	6.889193
pseudogen	-	1	0	0	0	0	0	0.146075	0	0	0
protein_co	LOC64421!	25	22	16	7	14	4	4.967163	5.60532	3.835627	2.158723
pseudogen	ribosomal_	0	0	0	1	1	0	0	0	0	0.237842
lincRNA	-	0	0	0	1	0	0	0	0	0	0.08613
pseudogen	-	1	3	0	2	0	0	0.025442	0.097878	0	0.07898
lincRNA	-	3	0	1	2	9	1	0.105687	0	0.042506	0.109361
pseudogen	-	2	1	0	1	0	1	0.067034	0.042981	0	0.052023
processed_	-	5	2	3	3	2	3	0.103739	0.053212	0.0751	0.09661
pseudogen	-	0	0	0	0	2	0	0	0	0	0
antisense	-	0	0	2	0	0	0	0	0	0.270696	0
pseudogen	-	0	0	0	1	2	1	0	0	0	0.133541
antisense	-	5	3	4	1	1	1	0.411316	0.316473	0.397021	0.127684
lincRNA	-	0	0	0	15	12	16	0	0	0	1.295014
antisense	-	0	1	0	3	7	3	0	0.127394	0	0.462583
lincRNA	long_interg	1	0	0	1	0	1	0.017911	0	0	0.0278
antisense	-	0	0	0	0	1	0	0	0	0	0
antisense	long_interg	0	0	0	2	0	0	0	0	0	0.146438
pseudogen	keratin_8_p	0	1	0	1	0	3	0	0.041555	0	0.050297
pseudogen	-	0	0	0	0	2	0	0	0	0	0
pseudogen	peptidylpro	0	1	2	0	0	0	0	0.131288	0.247055	0
protein_co	small_integ	663	468	553	240	307	199	6.634247	6.005281	6.676537	3.727519
antisense	TMLHE_ant	1	0	0	0	1	0	0.02755	0	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
antisense	-	1	0	3	1	3	1	0.119617	0	0.432976	0.185663
pseudogen	-	51	38	52	23	45	58	2.560376	2.446394	3.149814	1.792222
pseudogen	-	0	0	0	3	3	3	0	0	0	0.59493

pseudogen	eukaryotic_	33	16	25	65	103	40	0.836417	0.520041	0.764534	2.557128
pseudogen	-	1	0	0	0	0	0	0.062354	0	0	0
pseudogen	high_mobil	0	0	1	0	2	1	0	0	0.103429	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.209137
pseudogen	major_hist	0	0	0	709	798	661	0	0	0	31.91149
lincRNA	-	0	0	0	2	0	0	0	0	0	0.194079
pseudogen	family_witl	0	0	3	1	3	0	0	0	0.355821	0.152578
lincRNA	-	0	1	0	0	0	0	0	0.039071	0	0
pseudogen	-	0	0	0	0	1	1	0	0	0	0
antisense	COL18A1_a	7	9	6	3	6	7	0.59462	0.980377	0.614951	0.395542
lincRNA	-	2	1	7	0	0	0	0.134163	0.086023	0.566564	0
pseudogen	-	165	144	164	279	384	316	5.61863	6.288083	6.738114	14.74623
pseudogen	-	3	0	1	1	0	2	0.430184	0	0.173014	0.222568
pseudogen	-	1	0	1	0	2	0	0.106811	0	0.128874	0
antisense	-	3	1	1	34	43	8	0.237218	0.101399	0.095406	4.172872
pseudogen	-	0	0	0	8	7	4	0	0	0	0.968783
pseudogen	ribosomal_	5	10	5	0	1	0	0.509674	1.307169	0.614951	0
antisense	ZMIZ1_anti	15	10	17	2	10	1	0.244389	0.208929	0.334185	0.050577
antisense	patched_d	80	64	72	33	40	50	1.852445	1.900398	2.011574	1.186041
pseudogen	ribosomal_	6	1	4	2	2	3	0.439594	0.093953	0.353597	0.227437
processed_	-	0	0	0	1	0	2	0	0	0	0.065508
antisense	-	0	1	0	1	0	0	0	0.114098	0	0.138102
processed_	-	8	6	8	6	15	7	0.17897	0.172127	0.215937	0.208339
antisense	-	5	6	15	2	9	1	0.554256	0.852905	2.006224	0.344113
pseudogen	-	0	1	1	1	0	1	0	0.160346	0.150868	0.194079
antisense	-	1	2	5	0	3	1	0.086195	0.221065	0.519995	0
pseudogen	tubulin_be	1	0	0	0	0	0	0.036405	0	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	1	2	1	1	2	11	0.225433	0.578171	0.271998	0.349903
pseudogen	-	26	24	29	53	65	46	2.153958	2.549673	2.898745	6.81507
lincRNA	-	3	4	5	6	10	15	0.070195	0.12002	0.141156	0.217904
pseudogen	-	0	0	0	1	1	0	0	0	0	0.107345
lincRNA	-	0	1	1	3	1	2	0	0.131864	0.124069	0.478814
antisense	-	0	0	1	1	1	0	0	0	0.187336	0.240993
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	1	0	10	5	1	0	0.046504	0	0.562875
lincRNA	-	0	2	0	0	1	0	0	0.494895	0	0
antisense	-	4	3	8	0	0	0	0.603087	0.58003	1.455318	0
processed_	SH3BP5_ar	105	90	99	22	22	34	0.883923	0.971577	1.005561	0.287461
pseudogen	ATPase_H+_	0	0	0	0	0	1	0	0	0	0
pseudogen	ribosomal_	0	0	0	13	4	13	0	0	0	2.994106
pseudogen	-	2	0	4	0	0	2	0.202987	0	0.489831	0
pseudogen	importin_8	1	0	1	0	0	1	0.015082	0	0.018197	0
pseudogen	-	0	0	1	0	0	0	0	0	0.229982	0
antisense	-	0	0	0	1	0	0	0	0	0	0.098218
antisense	-	0	0	0	1	2	4	0	0	0	0.030813
pseudogen	-	5	6	3	2	3	1	1.483861	2.28341	1.074218	0.921263
pseudogen	glyceraldeh	0	0	0	1	0	0	0	0	0	0.073219
pseudogen	phospholip	7	4	6	2	2	6	0.57787	0.423449	0.597629	0.256267
pseudogen	suppressor_	0	1	0	3	8	1	0	0.044246	0	0.160662
pseudogen	-	1	0	0	0	0	0	0.146075	0	0	0
processed_	RASAL2_an	6	2	4	7	12	9	0.120799	0.051636	0.097167	0.218746
pseudogen	-	0	0	2	0	0	0	0	0	0.151271	0
protein_co	zinc_finger_	0	0	0	1	1	4	0	0	0	0.03469
pseudogen	ubiquitin-c	1	0	0	0	0	0	0.110329	0	0	0
antisense	-	12	7	0	0	1	2	1.593995	1.192376	0	0
antisense	LAMTOR5_	2	2	6	12	12	2	0.106447	0.136504	0.385304	0.991325
antisense	-	8	6	2	0	0	1	0.650122	0.625267	0.196102	0
pseudogen	ribosomal_	0	0	0	0	1	0	0	0	0	0
sense_intro	E2F3_intro	2	3	4	2	5	5	0.23445	0.450973	0.565755	0.363899
pseudogen	olfactory_r	0	0	1	0	1	0	0	0	0.063213	0
protein_co	Protein_LO	5	6	3	3	6	3	0.202987	0.312363	0.146949	0.189038
antisense	-	10	8	10	0	1	0	0.199108	0.204263	0.240236	0
processed_	-	0	0	0	1	7	0	0	0	0	0.125266
lincRNA	-	0	1	0	5	4	0	0	0.013779	0	0.083387

processed_	-	0	1	0	55	74	37	0	0.020842	0	1.387483
processed_	-	0	0	0	0	1	1	0	0	0	0
pseudogen	-	1	0	0	2	1	3	0.037572	0	0	0.116634
pseudogen	centrosom	0	1	0	0	0	0	0	0.050066	0	0
pseudogen	FCF1_small	4	9	8	0	2	0	0.336129	0.969835	0.811118	0
pseudogen	-	13	6	3	9	3	7	0.399718	0.236576	0.111296	0.42952
antisense	PCOLCE_an	12	18	13	48	60	5	0.22179	0.426621	0.289902	1.376993
antisense	-	0	0	0	0	0	2	0	0	0	0
antisense	-	0	0	0	2	1	2	0	0	0	0.265136
antisense	-	13	4	10	15	17	10	0.455583	0.17976	0.422836	0.815917
lincRNA	-	0	0	0	1	2	0	0	0	0	0.307088
antisense	TEX26_anti	1	0	0	3	3	1	0.02284	0	0	0.106351
sense_intrc	-	7	4	6	7	4	2	0.657776	0.482002	0.680267	1.020959
processed_	-	1	1	1	1	1	0	0.058321	0.074788	0.070368	0.090522
pseudogen	-	0	5	3	8	4	1	0	0.270125	0.152495	0.523125
lincRNA	-	2	0	1	0	0	0	0.039603	0	0.023892	0
pseudogen	serine_hyd	3	1	5	1	2	0	0.107218	0.045831	0.215608	0.055472
pseudogen	vomeronas	0	0	0	0	1	0	0	0	0	0
pseudogen	farnesyl_di	2	0	3	4	2	1	0.086116	0	0.155855	0.267327
antisense	-	3	2	0	0	1	1	0.28885	0.24694	0	0
antisense	-	0	1	0	11	14	18	0	0.102611	0	1.366174
pseudogen	-	0	0	0	1	0	0	0	0	0	0.043321
pseudogen	heat_shock	0	0	0	1	0	1	0	0	0	0.037361
pseudogen	v-raf_murir	0	0	0	1	0	0	0	0	0	0.026926
pseudogen	centrin_EF-	4	4	2	4	3	0	0.399915	0.512834	0.24126	0.620723
antisense	-	0	0	0	1	0	0	0	0	0	0.126574
lincRNA	-	2	0	1	1	6	4	0.21411	0	0.129168	0.166164
antisense	-	3	0	5	0	1	0	0.079117	0	0.159099	0
pseudogen	-	0	1	0	0	1	0	0	0.226905	0	0
antisense	-	2	0	0	0	4	6	0.145621	0	0	0
pseudogen	-	1	0	0	0	0	0	0.104665	0	0	0
pseudogen	tubulin_be	0	0	1	1	1	0	0	0	0.070897	0.091203
antisense	long_interg	0	1	0	1	2	0	0	0.090968	0	0.110106
pseudogen	ADP-ribosy	0	0	0	0	1	1	0	0	0	0
pseudogen	double_ho	1	1	1	0	0	0	0.037244	0.04776	0.044937	0
antisense	SRGAP3_ar	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	0	0	0	2	0	0	0	0
antisense	TMEM72_a	0	0	1	0	1	0	0	0	0.017144	0
lincRNA	-	57	37	43	19	28	12	4.46945	3.720405	4.068138	2.312402
antisense	COL4A2_ar	19	30	23	8	4	0	0.585355	1.185213	0.854952	0.382548
sense_intrc	THRB_intrc	0	0	0	0	1	1	0	0	0	0
antisense	-	0	0	0	42	62	35	0	0	0	2.594866
pseudogen	-	10	12	17	13	15	15	0.414589	0.637982	0.850383	0.836549
pseudogen	glycine_cle	4	4	5	24	25	18	0.35931	0.460765	0.541911	3.346198
pseudogen	-	1	0	1	0	1	0	0.094157	0	0.113605	0
antisense	-	0	4	0	8	7	12	0	0.475334	0	1.150669
processed_	long_interg	0	4	1	2	10	5	0	0.474397	0.111589	0.2871
lincRNA	-	2	0	0	0	0	1	0.140179	0	0	0
antisense	-	0	1	1	1	3	0	0	0.145593	0.136987	0.176222
lincRNA	-	3	3	2	11	27	8	0.330988	0.424446	0.266238	1.883713
lincRNA	-	0	0	1	0	0	0	0	0	0.118359	0
protein_co	chromosor	0	0	1	0	0	0	0	0	0.093979	0
antisense	OPA1_antis	2	1	3	0	3	0	0.19061	0.122215	0.344973	0
pseudogen	-	1	1	0	1	2	0	0.145621	0.186738	0	0.226024
lincRNA	-	1	0	0	1	1	0	0.11007	0	0	0.170845
pseudogen	ribosomal_	20	26	14	22	14	32	1.906098	3.177591	1.609872	3.254381
pseudogen	Y_box_binc	82	54	71	83	133	93	4.005189	3.382301	4.18423	6.29242
lincRNA	-	0	0	0	1	0	2	0	0	0	0.064464
pseudogen	-	0	1	2	7	5	8	0	0.124492	0.234267	1.05478
processed_	-	1	0	3	0	0	0	0.038153	0	0.138101	0
protein_co	HCG20425	339	244	260	349	408	449	7.134522	6.58513	6.602168	11.40043
antisense	-	0	0	0	0	1	0	0	0	0	0
antisense	-	1	0	0	0	1	1	0.07137	0	0	0
protein_co	chromosor	767	625	583	421	696	637	48.53528	50.71676	44.51217	41.34993
pseudogen	inhibitor_c	4	5	8	0	6	5	0.174474	0.279673	0.421027	0

antisense	-	0	0	0	0	1	1	0	0	0	0
sense_intrc	TSSC1_intr	11	2	2	3	3	8	0.718371	0.167492	0.157592	0.304094
pseudogen	BEN_domai	47	36	50	25	34	7	4.479331	4.399741	5.749543	3.698161
antisense	-	7	7	10	1	1	3	0.072601	0.093101	0.125139	0.016098
pseudogen	-	0	0	1	1	1	0	0	0	0.073001	0.093909
pseudogen	ribosomal_	1	2	0	1	5	1	0.058104	0.149021	0	0.090186
pseudogen	vacuolar_p	3	4	1	1	2	1	0.186318	0.318568	0.074934	0.096397
pseudogen	sialic_acid_	0	0	1	1	0	0	0	0	0.060123	0.077343
processed_	-	5	10	7	15	19	18	0.072094	0.184901	0.12178	0.3357
lincRNA	-	1	0	0	4	4	0	0.07815	0	0	0.485199
antisense	-	0	0	0	1	0	0	0	0	0	0.294655
antisense	-	1	0	0	0	2	0	0.063194	0	0	0
pseudogen	-	0	0	1	0	0	0	0	0	0.021454	0
processed_	-	54	43	42	42	53	38	1.900947	1.941127	1.783912	2.294859
lincRNA	-	0	0	0	0	0	1	0	0	0	0
lincRNA	long_interg	151	135	125	75	122	130	2.154059	2.469584	2.151487	1.660628
lincRNA	long_interg	0	0	0	0	2	0	0	0	0	0
pseudogen	keratin_8_p	0	0	0	5	6	4	0	0	0	0.559845
lincRNA	long_interg	0	0	1	0	0	0	0	0	0.077078	0
lincRNA	-	0	1	0	1	1	0	0	0.081809	0	0.09902
lincRNA	-	9	12	18	25	25	19	0.633649	1.08342	1.529068	2.731975
lincRNA	-	0	0	0	0	0	1	0	0	0	0
lincRNA	long_interg	1	1	0	0	0	0	0.020656	0.026489	0	0
protein_co	proline-rich	2	4	3	22	34	19	0.026462	0.067867	0.047891	0.451793
lincRNA	-	0	0	2	0	0	0	0	0	0.132651	0
sense_intrc	-	45	33	30	64	62	56	3.606924	3.391937	2.901308	7.962235
processed_	-	4	9	4	0	1	0	0.081726	0.235803	0.098607	0
pseudogen	-	1	0	1	0	0	0	0.075024	0	0.090521	0
pseudogen	-	44	29	28	37	53	49	1.669224	1.410812	1.281646	2.178683
lincRNA	-	0	0	0	0	2	1	0	0	0	0
lincRNA	-	10	8	10	0	0	0	0.532236	0.546014	0.642174	0
protein_co	Protein_LO	2	1	0	0	1	0	0.133971	0.0859	0	0
antisense	KCNC4_ant	0	1	1	0	0	0	0	0.080387	0.075636	0
pseudogen	-	1	0	0	1	0	1	0.13321	0	0	0.206761
antisense	-	4	2	0	0	1	0	0.398217	0.255328	0	0
pseudogen	SMT3_supp	1	0	1	0	0	0	0.162813	0	0.196443	0
processed_	-	0	2	0	6	12	12	0	0.045936	0	0.166799
protein_co	inactivatio	51	38	50	32	30	24	2.530572	2.417918	2.993413	2.464501
lincRNA	-	1	1	1	0	0	5	0.13997	0.179492	0.168882	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.168083
protein_co	transmemb	0	0	0	2	1	1	0	0	0	0.092536
antisense	-	0	0	0	0	3	1	0	0	0	0
antisense	-	1	0	1	2	1	1	0.12372	0	0.149276	0.384062
pseudogen	protein_ph	0	0	1	0	0	0	0	0	0.054191	0
pseudogen	-	0	1	0	0	0	0	0	0.219452	0	0
pseudogen	-	2	0	0	2	0	0	0.275015	0	0	0.426861
sense_intrc	-	5	1	0	3	2	0	0.441526	0.113239	0	0.411185
pseudogen	-	0	1	0	2	0	0	0	0.128482	0	0.311025
protein_co	Uncharacte	20	13	24	11	29	24	0.607777	0.506602	0.879982	0.518845
lincRNA	-	3	0	0	0	0	0	0.49014	0	0	0
processed_	-	0	0	0	15	20	21	0	0	0	1.505789
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	potassium_	0	0	0	0	0	1	0	0	0	0
pseudogen	-	2	0	0	2	1	0	0.042531	0	0	0.066013
pseudogen	ubiquitin-c	3	2	5	5	6	2	0.316824	0.270855	0.637112	0.819592
pseudogen	-	0	1	0	0	0	0	0	0.221065	0	0
lincRNA	-	9	2	0	2	0	2	0.233542	0.066552	0	0.080553
sense_intrc	-	2	2	2	2	0	4	0.395696	0.507424	0.47743	0.614176
pseudogen	eukaryotic_	17	12	16	25	31	24	0.439675	0.397991	0.499287	1.003582
antisense	-	26	33	22	16	33	9	0.593256	0.965588	0.605675	0.566655
antisense	EIF1AX_ant	0	4	4	1	6	6	0	0.636294	0.598683	0.192539
lincRNA	-	2	1	1	4	1	1	0.20933	0.134218	0.126285	0.64982
pseudogen	ribosomal_	1	1	0	0	0	0	0.097282	0.124751	0	0
pseudogen	-	0	1	0	0	0	0	0	0.318147	0	0
pseudogen	high_mobil	3	2	3	0	4	3	0.235628	0.20144	0.284299	0

processed_	-	1	1	2	0	2	0	0.018689	0.023966	0.045098	0
processed_	-	0	0	0	1	0	0	0	0	0	0.13758
antisense	-	0	0	0	0	1	1	0	0	0	0
pseudogen	-	1	0	0	2	0	0	0.134741	0	0	0.418275
antisense	-	2	3	0	3	0	3	0.208864	0.401758	0	0.486279
antisense	WWC3_ant	2	0	2	0	4	2	0.162249	0	0.195763	0
antisense	long_interg	1	1	2	148	248	176	0.036014	0.046183	0.086906	8.272973
pseudogen	profilin_1_	6	2	0	3	5	1	0.699851	0.299153	0	0.543133
pseudogen	death_asso	0	0	0	0	0	1	0	0	0	0
antisense	GRTP1_ant	0	0	0	6	11	11	0	0	0	0.503666
antisense	-	0	0	0	0	2	0	0	0	0	0
lincRNA	-	0	0	0	17	20	13	0	0	0	2.479472
processed_	-	2	2	1	4	4	4	0.679565	0.871446	0.409967	2.109559
sense_intrc	-	0	3	1	1	1	1	0	0.107631	0.033756	0.043425
pseudogen	ribosomal_	1	1	0	0	0	0	0.038688	0.049612	0	0
pseudogen	SET_pseudo	2	5	3	2	1	2	0.11007	0.352874	0.19921	0.170845
lincRNA	-	0	0	1	0	1	0	0	0	0.187958	0
pseudogen	breakpoint	1	0	0	0	1	0	0.067858	0	0	0
pseudogen	olfactory_r	0	2	0	2	0	0	0	0.127529	0	0.154358
antisense	-	1	6	2	0	0	0	0.050043	0.385036	0.120759	0
pseudogen	-	0	0	0	0	0	2	0	0	0	0
sense_intrc	-	2	2	0	0	0	3	0.199957	0.256417	0	0
antisense	-	5	11	7	0	1	0	0.628553	1.773265	1.061739	0
antisense	-	6	7	8	7	6	12	0.472047	0.706222	0.759403	0.854796
pseudogen	arylsulfatas	1	0	0	3	3	3	0.038593	0	0	0.179703
pseudogen	-	0	0	0	1	0	0	0	0	0	0.367575
protein_co	-	2	2	2	3	4	6	0.094536	0.121229	0.114064	0.2201
pseudogen	-	1	1	0	3	1	2	0.205658	0.263727	0	0.957629
pseudogen	RAN_membl	2	4	3	3	5	0	0.143176	0.367205	0.259124	0.333343
antisense	-	0	0	0	0	1	0	0	0	0	0
lincRNA	long_interg	0	0	0	30	41	40	0	0	0	1.789667
pseudogen	proteasom	0	1	0	0	0	0	0	0.0859	0	0
pseudogen	mortality_f	0	0	1	0	0	1	0	0	0.057967	0
lincRNA	-	40	43	37	13	14	10	1.269872	1.750563	1.41726	0.640581
pseudogen	dynein_cyt	6	10	12	6	11	5	0.153069	0.327148	0.369372	0.237584
antisense	-	142	109	104	140	264	133	2.410711	2.372972	2.130287	3.689056
antisense	-	2	3	4	6	0	0	0.056596	0.108865	0.136573	0.263536
antisense	-	0	0	1	0	0	0	0	0	0.105749	0
pseudogen	-	288	195	232	545	745	402	3.175247	2.75695	3.086179	9.326356
lincRNA	-	0	0	0	5	2	0	0	0	0	0.874757
antisense	-	0	0	0	7	9	2	0	0	0	0.189742
pseudogen	-	0	0	2	0	0	0	0	0	0.373436	0
pseudogen	nucleophos	1	4	0	12	12	7	0.054083	0.277415	0	1.007333
lincRNA	long_interg	0	5	4	3	1	0	0	0.671091	0.505138	0.487365
pseudogen	-	1	0	0	0	0	0	0.072811	0	0	0
pseudogen	brain_prot	2	2	3	5	5	3	0.248095	0.318147	0.449012	0.962696
pseudogen	deoxyuridi	1	1	6	2	4	1	0.101494	0.130151	0.734747	0.315064
lincRNA	-	0	0	1	24	33	12	0	0	0.079796	2.463632
antisense	-	131	123	119	63	62	52	6.698574	8.065393	7.341859	5.000139
processed_	long_interg	0	0	0	1	0	0	0	0	0	0.176222
antisense	AATK_antis	2	1	1	2	6	3	0.059467	0.038129	0.035875	0.092302
antisense	-	1	5	1	0	1	1	0.054523	0.349592	0.065785	0
protein_co	pleckstrin_	537	429	454	273	320	223	4.784332	4.901327	4.880349	3.775202
pseudogen	ribosomal_	0	1	2	4	2	2	0	0.151843	0.285735	0.73515
lincRNA	long_interg	0	0	1	1	0	2	0	0	0.032778	0.042167
processed_	-	1	1	0	2	6	4	0.166868	0.213985	0	0.518006
pseudogen	-	1	3	2	4	7	8	0.074785	0.287702	0.180464	0.464305
antisense	TBC1D4_ar	0	0	0	2	0	0	0	0	0	0.342493
antisense	-	6	6	11	34	30	21	0.201389	0.258253	0.445476	1.771305
lincRNA	MIR137_ho	29	38	21	0	0	0	0.515275	0.865833	0.450203	0
lincRNA	-	16	11	4	0	1	2	0.160445	0.141452	0.048396	0
sense_intrc	-	10	5	4	10	4	3	0.672741	0.431347	0.32468	1.044187
antisense	-	0	1	0	0	0	0	0	0.118599	0	0
antisense	-	14	15	18	1	0	0	1.182811	1.62513	1.834881	0.131135
pseudogen	heat_shock	27	14	9	0	5	0	0.656996	0.436854	0.264234	0

lincRNA	-	3	5	3	15	19	41	0.493579	1.054909	0.595532	3.830516
pseudogen	coiled-coil-	0	0	0	3	1	0	0	0	0	0.511333
pseudogen	-	0	2	1	2	5	5	0	0.258623	0.121668	0.313031
pseudogen	ADP-ribosy	5	5	4	0	3	5	0.441526	0.566194	0.426181	0
antisense	-	0	1	2	2	2	1	0	0.065788	0.123798	0.159256
antisense	TRAPPC12_	69	52	46	40	49	25	3.563228	3.443557	2.86616	3.206159
antisense	DDX26B_a	0	1	0	0	1	0	0	0.15108	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	0	0	1	4	2	0	0	0	0.186615
pseudogen	-	1	0	1	0	0	0	0.7815	0	0.942925	0
pseudogen	-	851	715	814	18	25	26	13.0574	14.06833	15.06952	0.428677
pseudogen	ribosomal_	2	0	1	1	0	0	0.114227	0	0.06891	0.088648
lincRNA	-	0	0	0	0	0	1	0	0	0	0
pseudogen	suppressio	7	3	4	8	4	1	0.297849	0.163693	0.205356	0.528347
processed_	-	3	4	0	1	2	1	0.212172	0.362774	0	0.109773
antisense	-	11	2	4	8	14	12	0.392833	0.091591	0.172355	0.443441
lincRNA	long_interg	0	2	4	0	0	0	0	0.068917	0.129686	0
pseudogen	-	0	1	0	0	0	0	0	0.127394	0	0
pseudogen	ubiquitin-c	0	1	0	1	4	1	0	0.079327	0	0.096016
processed_	-	0	0	0	0	3	0	0	0	0	0
antisense	-	0	0	0	1	0	0	0	0	0	0.112837
antisense	-	0	2	0	0	4	0	0	0.218654	0	0
lincRNA	-	2	7	2	11	36	7	0.147918	0.663894	0.178472	1.262741
sense_intrc	-	0	0	5	2	4	0	0	0	0.898024	0.462094
pseudogen	-	0	0	0	0	2	2	0	0	0	0
lincRNA	long_interg	0	0	0	0	0	1	0	0	0	0
antisense	-	0	1	1	0	0	0	0	0.119069	0.112031	0
sense_intrc	-	1	4	2	2	0	1	0.023923	0.122714	0.05773	0.074265
antisense	-	11	1	4	4	0	4	0.785069	0.091522	0.344448	0.443104
antisense	-	0	0	0	0	0	2	0	0	0	0
antisense	-	1	0	0	4	2	1	0.093593	0	0	0.581076
antisense	-	41	22	23	1	1	0	2.400113	1.651505	1.624515	0.090861
antisense	-	0	0	2	0	0	0	0	0	0.18519	0
lincRNA	-	0	1	0	0	1	0	0	0.093953	0	0
processed_	-	0	0	3	0	5	3	0	0	0.311997	0
lincRNA	-	24	22	12	15	29	5	1.30401	1.532857	0.786681	1.265002
antisense	-	8	10	11	0	1	0	0.886809	1.421508	1.471231	0
antisense	-	3	2	2	2	2	8	0.174745	0.149391	0.14056	0.180819
pseudogen	-	0	1	0	0	0	0	0	0.128482	0	0
lincRNA	-	1759	1558	1531	1106	1264	1153	11.63322	13.21329	12.2168	11.35324
pseudogen	sorting_ne	3	2	3	6	5	11	0.080383	0.06872	0.096987	0.249531
pseudogen	-	2	0	0	2	1	0	0.175948	0	0	0.273095
lincRNA	-	1	1	0	1	2	2	0.053527	0.068641	0	0.083082
pseudogen	-	0	0	0	0	2	2	0	0	0	0
pseudogen	ribosome_	0	0	0	0	0	1	0	0	0	0
antisense	-	41	31	28	65	70	46	0.658613	0.638583	0.542691	1.620653
protein_co	cancer/test	2	1	1	1	0	3	0.033232	0.021308	0.020048	0.02579
pseudogen	ATPase_H+_	1	1	0	2	1	0	0.207478	0.266061	0	0.644069
pseudogen	teratocarci	0	0	0	30	31	28	0	0	0	0.80568
pseudogen	capicua_tr	0	1	0	0	0	0	0	0.021376	0	0
pseudogen	-	20	18	15	14	17	20	1.507718	1.740091	1.364361	1.638131
antisense	-	0	0	1	0	2	0	0	0	0.105159	0
antisense	-	38	30	43	50	57	26	2.338347	2.367315	3.192581	4.775578
antisense	-	0	0	1	0	0	0	0	0	0.09978	0
IG_V_pseu	-	1	1	0	0	0	0	0.146075	0.18732	0	0
lincRNA	surfactant_	10	4	8	0	2	5	0.676624	0.34707	0.653108	0
pseudogen	-	0	1	0	0	1	1	0	0.144196	0	0
lincRNA	-	0	0	0	3	0	1	0	0	0	0.480924
protein_co	Uncharacte	0	1	1	0	0	0	0	0.049006	0.046109	0
pseudogen	-	0	0	0	2	0	1	0	0	0	0.223594
pseudogen	TGFB-induc	2	2	3	2	1	3	0.136905	0.175561	0.247776	0.212496
pseudogen	-	0	1	0	0	0	0	0	0.057431	0	0
pseudogen	-	0	0	0	2	0	5	0	0	0	0.212806
processed_	-	3	4	0	4	13	0	0.23445	0.400865	0	0.485199
antisense	-	0	1	1	0	0	0	0	0.110736	0.104191	0

processed_	-	1	2	0	0	3	4	0.016293	0.041786	0	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.152578
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	ribosomal_	0	0	2	2	1	0	0	0	0.236718	0.304518
antisense	-	0	0	0	2	9	1	0	0	0	0.08332
pseudogen	RNA_bindi	1	2	2	2	2	1	0.040562	0.104031	0.097881	0.125917
pseudogen	transportir	1	1	0	4	0	0	0.041204	0.052838	0	0.255817
processed_	-	0	0	0	0	1	1	0	0	0	0
lincRNA	-	0	0	1	0	0	0	0	0	0.027226	0
antisense	BOLA3_ant	150	111	108	124	173	40	3.898837	3.699782	3.387004	5.002603
antisense	MPRIP_ant	1	1	0	0	1	2	0.044319	0.056833	0	0
pseudogen	ribosomal_	11	10	8	10	4	3	1.350236	1.574078	1.184827	1.90523
pseudogen	-	3	1	0	0	0	0	0.057323	0.024503	0	0
antisense	-	0	1	0	0	1	0	0	0.12026	0	0
antisense	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	1	0	4	5	3	0	0.131864	0	0.638419
pseudogen	zinc_finger_	0	0	0	0	1	0	0	0	0	0
antisense	RFPL1_anti	1	2	0	6	13	3	0.008435	0.021633	0	0.078553
lincRNA	JPX_transc	221	178	217	256	228	240	4.723197	4.878352	5.595663	8.492083
pseudogen	-	20	11	19	15	14	10	0.41331	0.291506	0.473748	0.481136
antisense	-	0	0	0	1	2	2	0	0	0	0.075498
pseudogen	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	94	60	68	28	57	50	5.316842	4.351976	4.640693	2.458184
protein_co	Rho_GTPas	3360	2435	2593	812	1123	1039	25.10364	23.32952	23.37481	9.41638
processed_	-	1	0	0	5	7	2	0.031239	0	0	0.242438
lincRNA	-	3	0	1	6	3	0	0.254376	0	0.102307	0.789654
pseudogen	guanylate_	0	0	0	10	18	4	0	0	0	0.418275
lincRNA	-	4	3	1	0	0	1	0.094967	0.091336	0.028646	0
pseudogen	-	0	0	0	0	3	0	0	0	0	0
pseudogen	ribosomal_	0	0	0	0	0	1	0	0	0	0
pseudogen	glyceraldeh	0	1	0	0	0	0	0	0.062505	0	0
lincRNA	-	1	0	0	1	0	1	0.017836	0	0	0.027683
pseudogen	-	1	0	2	0	2	0	0.058833	0	0.141971	0
lincRNA	CYP4A22_a	0	0	1	7	2	6	0	0	0.061428	0.553158
pseudogen	-	15	11	20	21	38	33	1.337168	1.257467	2.15116	2.905657
processed_	long_interg	11	4	7	4	3	0	0.205822	0.095977	0.158032	0.116169
pseudogen	-	3	1	0	6	2	3	0.3126	0.133622	0	0.970397
pseudogen	MT-ND1_ps	0	0	0	2	0	0	0	0	0	0.216929
processed_	-	9	15	6	13	9	6	0.709261	1.515877	0.570509	1.590147
antisense	-	6	3	6	3	0	1	0.503292	0.3227	0.607251	0.390589
protein_co	chromosor	4	1	4	9	11	1	0.208169	0.066737	0.251168	0.72699
antisense	-	3	2	0	7	4	2	0.340605	0.291185	0	1.233556
sense_intrc	-	0	1	0	0	0	0	0	0.046721	0	0
pseudogen	Sp3_transc	0	0	0	0	0	2	0	0	0	0
lincRNA	-	0	0	0	2	0	0	0	0	0	0.331571
pseudogen	PRKC_apop	0	1	0	0	6	3	0	0.106424	0	0
lincRNA	-	0	0	0	2	4	0	0	0	0	0.122628
pseudogen	-	1	0	0	0	0	0	0.028873	0	0	0
pseudogen	olfactory_r	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
antisense	ZNF385D_a	0	0	0	11	11	1	0	0	0	1.135571
pseudogen	-	1	1	1	0	0	0	0.119617	0.153392	0.144325	0
lincRNA	-	2	1	5	0	0	0	0.059467	0.038129	0.179377	0
lincRNA	-	0	0	0	61	59	54	0	0	0	8.176
pseudogen	-	1	1	0	0	1	0	0.039771	0.051001	0	0
pseudogen	-	0	0	0	0	0	3	0	0	0	0
lincRNA	-	10	12	11	17	24	4	0.930357	1.431662	1.234783	2.454874
antisense	-	0	2	0	0	0	1	0	0.255328	0	0
protein_co	C2_calcium	41	41	38	44	67	23	1.094189	1.403143	1.223602	1.822602
pseudogen	ubiquitin-c	2	0	0	0	0	0	0.210742	0	0	0
lincRNA	-	1	2	0	0	3	0	0.102604	0.26315	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	chaperonir	0	1	0	2	4	5	0	0.038844	0	0.094031
antisense	-	4	4	4	1	7	0	0.075205	0.096439	0.090739	0.029182
pseudogen	ribosomal_	0	2	1	2	2	1	0	0.325026	0.152907	0.393404

pseudogen	dorsal_inhi	1	0	0	0	0	0	0.049462	0	0	0
antisense	NCBP2_ant	10	8	8	3	6	7	0.834342	0.85594	0.805345	0.388504
lincRNA	-	0	0	0	2	0	3	0	0	0	0.242196
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	1	0	0	0	0	0	0.235803	0	0
processed_	-	0	0	0	2	2	0	0	0	0	0.059219
antisense	MTOR_anti	0	0	2	0	1	0	0	0	0.160498	0
pseudogen	-	0	1	0	5	9	2	0	0.036114	0	0.218558
antisense	-	0	0	0	1	0	0	0	0	0	0.093188
antisense	-	1	0	0	0	0	3	0.052274	0	0	0
protein_co	zinc_finger	1126	808	926	117	237	86	3.976064	3.658775	3.945246	0.641256
pseudogen	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	0	3	1	1	0	0	0	0.59819
processed_	-	0	0	0	0	0	4	0	0	0	0
pseudogen	MT-ND2_ps	157	117	139	287	344	300	7.051468	6.738684	7.532562	20.00747
antisense	-	0	0	0	3	0	3	0	0	0	0.196525
pseudogen	-	0	2	3	0	0	0	0	0.117212	0.165425	0
pseudogen	phosphogly	2	2	0	0	0	0	0.129352	0.165875	0	0
pseudogen	small_nucl	0	2	0	0	0	0	0	0.432588	0	0
lincRNA	-	1	1	3	6	8	1	0.097081	0.124492	0.351401	0.904097
pseudogen	ribosomal_	2	0	0	0	1	1	0.919412	0	0	0
pseudogen	-	0	1	0	0	0	0	0	0.668109	0	0
pseudogen	Shwachma	270	177	213	59	78	204	7.386409	6.209436	7.030678	2.505256
processed_	-	46	44	37	1	0	0	1.11068	1.362364	1.077906	0.037477
pseudogen	eukaryotic_	1	0	0	0	1	2	0.04844	0	0	0
antisense	-	4	2	1	0	2	0	0.267561	0.171554	0.080707	0
pseudogen	ring_finger	0	0	0	0	2	0	0	0	0	0
lincRNA	-	0	0	0	0	1	1	0	0	0	0
pseudogen	TAF13_RNA	0	0	1	0	0	0	0	0	0.197816	0
pseudogen	ribosomal_	0	1	0	0	0	0	0	0.08237	0	0
protein_co	family_witl	40	25	32	21	39	25	0.629607	0.504614	0.607726	0.51305
antisense	-	3	0	1	7	9	2	0.273677	0	0.110069	0.991165
lincRNA	long_interg	0	0	0	3	4	0	0	0	0	0.616778
antisense	-	0	0	0	0	3	0	0	0	0	0
pseudogen	-	0	0	0	1	0	1	0	0	0	0.123356
pseudogen	importin_7	0	0	1	0	2	0	0	0	0.032329	0
lincRNA	-	4	0	3	3	6	3	0.330794	0	0.299341	0.385078
pseudogen	-	0	0	0	1	4	6	0	0	0	0.07278
lincRNA	-	0	0	1	0	0	0	0	0	0.077928	0
lincRNA	family_witl	5	0	0	1	0	1	0.031768	0	0	0.009862
pseudogen	-	1	1	3	5	2	1	0.09688	0.124235	0.350675	0.751857
pseudogen	-	3	4	3	7	4	6	0.146075	0.24976	0.176248	0.529033
protein_co	solute_carr	538	437	541	596	620	589	4.43978	4.624555	5.386721	7.634066
lincRNA	-	0	1	2	3	4	7	0	0.132737	0.249781	0.481985
processed_	-	11	7	5	8	12	10	0.263293	0.214859	0.144399	0.297212
lincRNA	-	0	1	0	0	0	0	0	0.0593	0	0
pseudogen	-	2	2	2	2	2	1	0.130069	0.166796	0.156936	0.201886
pseudogen	-	0	0	2	1	1	0	0	0	0.145438	0.093547
antisense	-	4	4	10	6	4	5	0.323379	0.414688	0.97544	0.752894
pseudogen	-	0	2	1	0	0	0	0	0.24694	0.116171	0
pseudogen	-	5	2	1	0	0	0	0.644094	0.330383	0.155427	0
pseudogen	-	0	0	1	1	3	1	0	0	0.148883	0.191526
antisense	-	3	0	2	0	0	0	0.180115	0	0.14488	0
antisense	-	0	0	0	3	2	0	0	0	0	0.124481
antisense	FGD5_antis	2880	2306	2272	1298	1688	1245	35.61267	36.56627	33.89756	24.9125
processed_	NRG3_antis	0	0	0	0	1	0	0	0	0	0
pseudogen	nucleopho	0	0	0	1	1	0	0	0	0	0.099426
lincRNA	-	0	0	0	8	6	11	0	0	0	0.639822
lincRNA	-	0	1	0	0	1	0	0	0.075921	0	0
processed_	-	5	4	5	7	7	1	0.231899	0.237902	0.2798	0.503916
lincRNA	-	1	2	0	0	2	3	0.168065	0.431038	0	0
antisense	-	5	4	1	2	1	2	0.327902	0.33639	0.079127	0.20358
antisense	-	0	0	0	1	4	0	0	0	0	0.159956
pseudogen	-	0	0	0	1	0	0	0	0	0	0.064236
antisense	DBH_antise	9	15	14	32	33	7	0.197293	0.421668	0.370293	1.088805

lincRNA	-	2	1	0	0	0	0	0.137105	0.087909	0	0
sense_intrc	-	8	0	3	4	3	5	0.848688	0	0.383997	0.658641
antisense	-	1	2	1	0	0	2	0.097081	0.248985	0.117134	0
antisense	LEPREL1_ar	0	0	0	1	2	0	0	0	0	0.099698
lincRNA	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	4	0	0	2	5	0	0.208632	0	0	0.161913
antisense	-	4	2	2	1	2	1	0.372883	0.239085	0.224952	0.144691
pseudogen	ciliary_roo	0	0	0	0	1	0	0	0	0	0
pseudogen	signal-regu	2	0	1	2	4	3	0.052983	0	0.031964	0.082237
antisense	PROSER2_a	0	2	1	5	7	4	0	0.038287	0.018012	0.115855
pseudogen	-	4	1	0	1	1	4	0.506919	0.162513	0	0.196702
processed_	myocardial	2245	2012	2061	1000	1172	384	10.30424	11.84232	11.41368	7.1241
pseudogen	-	21	22	16	22	32	39	0.418483	0.5622	0.384704	0.680474
lincRNA	-	0	3	0	0	0	0	0	0.322124	0	0
processed_	-	43	31	51	28	45	24	3.036552	2.807265	4.345408	3.069028
antisense	-	0	2	0	3	1	1	0	0.196824	0	0.357348
processed_	-	2	1	0	2	5	2	0.210742	0.135123	0	0.3271
lincRNA	-	0	0	0	1	0	0	0	0	0	0.111284
pseudogen	MT-ND4_ps	0	0	0	0	2	0	0	0	0	0
antisense	-	1	1	1	0	0	0	0.122428	0.156997	0.147717	0
pseudogen	-	8	1	2	3	3	4	1.736667	0.278379	0.523847	1.010831
processed_	-	2	1	2	14	20	23	0.105017	0.067335	0.126709	1.141005
pseudogen	DnaJ_(Hsp4	4	11	5	17	13	0	0.593545	2.093126	0.895182	3.915369
processed_	-	0	0	0	2	3	1	0	0	0	0.179482
lincRNA	-	0	0	1	0	6	2	0	0	0.05525	0
antisense	UBXN7_ant	3	2	7	7	6	5	0.070055	0.05989	0.197225	0.253714
pseudogen	ribosomal_	0	1	0	0	0	0	0	0.080928	0	0
lincRNA	long_interg	86	59	62	0	0	1	4.222557	3.714825	3.672965	0
protein_co	family_witl	46	30	38	40	58	36	0.781784	0.653822	0.77922	1.055162
protein_co	excision_re	108	107	110	60	79	75	0.632383	0.803433	0.777136	0.545303
pseudogen	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.197771
antisense	TRMT2B_ar	5	3	0	1	0	0	0.584664	0.449849	0	0.181496
pseudogen	makorin_ri	1	0	0	13	3	6	0.03834	0	0	0.77362
antisense	-	2	1	2	28	40	29	0.152488	0.097772	0.183985	3.313552
pseudogen	major_hist	1	0	0	0	0	0	0.884717	0	0	0
pseudogen	-	0	0	0	4	2	2	0	0	0	0.841385
antisense	RUSC1_ant	175	182	211	44	49	94	4.469364	5.960579	6.501869	1.744178
lincRNA	-	4	3	1	0	0	0	0.345414	0.332209	0.104191	0
antisense	-	0	0	1	0	0	0	0	0	0.113605	0
lincRNA	-	0	0	0	20	21	7	0	0	0	0.848249
pseudogen	-	0	0	0	0	2	0	0	0	0	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.111969
lincRNA	-	0	0	0	2	2	0	0	0	0	0.067171
lincRNA	long_interg	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	0	1	1	0	0	0	0	0.038857
lincRNA	long_interg	16	17	13	14	19	12	0.569659	0.776163	0.558452	0.773665
lincRNA	-	0	0	0	6	8	7	0	0	0	0.616778
pseudogen	-	4	2	4	1	0	1	0.211932	0.135887	0.255708	0.082237
protein_co	Uncharacte	0	0	0	2	1	3	0	0	0	0.186376
antisense	-	0	0	3	0	0	0	0	0	0.347089	0
antisense	-	7	7	5	131	124	116	0.218238	0.279859	0.188083	6.339198
antisense	-	3	2	5	1	0	5	0.265917	0.227334	0.53474	0.13758
pseudogen	-	49	48	49	67	79	90	0.92422	1.160994	1.115125	1.961483
protein_co	FSHD_regic	1	0	0	0	0	0	0.022393	0	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
antisense	-	0	2	0	0	3	1	0	0.221473	0	0
pseudogen	ribosomal_	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	3	0	0	4	1	0	0.413737	0	0
lincRNA	-	6	10	6	33	26	15	0.568364	1.214743	0.685764	4.851987
antisense	-	0	0	0	3	6	8	0	0	0	0.06314
pseudogen	ribosomal_	8	11	14	13	2	4	0.573578	1.011357	1.211096	1.446693
protein_co	nucleolar_	26	19	22	6	13	44	1.029679	0.964921	1.051234	0.368817
pseudogen	calcyclin_b	5	1	1	0	2	0	0.342763	0.087909	0.082713	0
antisense	-	0	0	0	1	0	0	0	0	0	0.035852

lincRNA	-	3	3	2	6	12	9	0.033021	0.042345	0.026561	0.102507
antisense	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	2	2	0	0	0	0	0.264915	0.339716	0	0
pseudogen	-	1	0	0	1	1	0	0.069881	0	0	0.108465
antisense	-	0	0	0	2	0	2	0	0	0	0.195645
antisense	prostate_ca	0	0	1	0	3	2	0	0	0.014425	0
antisense	-	2	1	3	1	2	2	0.232705	0.149205	0.421158	0.180595
antisense	-	0	2	1	1	1	1	0	0.287016	0.135025	0.173699
processed_	-	0	0	0	61	82	32	0	0	0	2.131334
protein_co	neurotroph	10	5	7	48	60	24	0.26825	0.171996	0.226561	1.99853
antisense	-	1	9	6	3	1	4	0.115209	1.329652	0.834037	0.53646
antisense	-	0	0	0	0	1	0	0	0	0	0
processed_	SATB2_anti	31	20	19	39	42	26	0.438621	0.362884	0.324362	0.856491
antisense	-	1	1	1	0	0	2	0.105135	0.13482	0.126851	0
antisense	-	0	1	4	0	0	0	0	0.077788	0.292758	0
pseudogen	-	1	0	0	1	0	0	0.2605	0	0	0.404332
protein_co	extracellula	188	140	154	404	517	226	2.292672	2.189381	2.265963	7.647084
antisense	long_interg	2	1	5	6	9	0	0.168065	0.107759	0.506949	0.782579
processed_	-	0	0	0	0	0	1	0	0	0	0
pseudogen	MT-ND1_ps	5	9	5	13	21	18	0.630242	1.454753	0.760423	2.54338
antisense	-	97	65	98	48	72	37	5.252115	4.513206	6.402309	4.033984
lincRNA	-	9	7	13	0	0	0	1.352597	1.349066	2.357313	0
lincRNA	-	21	17	15	6	16	6	1.208209	1.254241	1.041267	0.535802
pseudogen	-	0	1	1	3	3	2	0	0.184447	0.173544	0.669753
processed_	highly_acce	2	0	0	0	0	2	0.04983	0	0	0
antisense	-	3	0	2	0	4	0	0.28247	0	0.227211	0
lincRNA	-	0	0	0	2	0	0	0	0	0	0.127126
pseudogen	high_mobil	0	2	0	0	0	2	0	0.191496	0	0
antisense	-	0	0	0	1	8	2	0	0	0	0.142705
lincRNA	-	0	0	0	10	11	5	0	0	0	3.220345
pseudogen	-	3	1	3	6	9	2	0.240051	0.102611	0.289636	0.745186
lincRNA	-	0	1	1	6	3	8	0	0.026784	0.025201	0.194512
antisense	-	0	3	1	3	8	2	0	0.212223	0.066559	0.25687
pseudogen	-	0	0	1	0	1	0	0	0	0.031946	0
lincRNA	-	10	7	3	0	0	0	1.633799	1.46658	0.591382	0
pseudogen	-	1	0	0	0	0	0	0.229853	0	0	0
pseudogen	chaperonin	4	5	8	3	9	10	0.113193	0.181442	0.273147	0.131768
pseudogen	ribosomal_	0	2	0	0	0	0	0	0.394294	0	0
antisense	PRICKLE2_a	2	1	1	0	0	0	0.037572	0.02409	0.022666	0
pseudogen	cyclin-depe	0	0	0	1	0	0	0	0	0	0.195645
antisense	-	9	3	5	1	2	2	0.17246	0.073719	0.115602	0.029742
lincRNA	-	58	42	46	27	40	6	0.838096	0.778259	0.801995	0.605564
processed_	FGF13_anti	5	3	4	12	14	37	0.276149	0.212473	0.266551	1.02869
pseudogen	-	0	0	2	0	0	0	0	0	0.24598	0
pseudogen	-	0	0	0	2	6	2	0	0	0	0.27885
pseudogen	-	3	4	2	1	4	2	0.380189	0.650052	0.305814	0.196702
pseudogen	Y_box_bind	0	0	0	1	0	1	0	0	0	0.077179
pseudogen	tousled-like	10	3	2	8	9	14	0.146899	0.056513	0.035448	0.182406
lincRNA	ZNF503_an	1	1	0	3	0	0	0.02521	0.032328	0	0.117387
processed_	-	2	0	2	0	0	0	0.042073	0	0.050763	0
pseudogen	mediator_c	13	4	9	12	18	13	0.395825	0.156181	0.330636	0.567115
pseudogen	phosphorib	5	4	1	1	2	3	0.192646	0.197633	0.046488	0.059803
pseudogen	MT-ND4_ps	0	0	0	0	3	1	0	0	0	0
processed_	long_interg	37	35	39	25	26	25	2.496303	3.028119	3.174741	2.617978
lincRNA	-	0	1	0	1	3	3	0	0.072973	0	0.088325
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	protease_se	0	0	0	7	7	8	0	0	0	0.444554
pseudogen	ubiquitin_s	0	0	0	0	0	1	0	0	0	0
pseudogen	-	49	33	38	75	63	63	3.723843	3.216018	3.484391	8.846815
pseudogen	ubiquinol-c	74	70	52	134	198	106	4.205892	5.101922	3.565971	11.8212
pseudogen	eukaryotic_	0	0	0	3	1	0	0	0	0	0.26562
lincRNA	-	0	0	1	0	0	0	0	0	0.095728	0
antisense	-	2	3	2	3	0	1	0.163096	0.313721	0.196784	0.379721
processed_	-	17	17	17	111	173	192	0.262819	0.337028	0.317106	2.663554
lincRNA	-	4	6	1	0	0	2	0.090916	0.174881	0.027424	0

protein_co	Uncharacte	1	2	2	2	2	7	0.578889	1.484686	1.396926	1.797032
pseudogen	-	3	5	1	1	0	1	0.486748	1.040308	0.195763	0.251833
pseudogen	FCF1_small	0	1	0	0	0	0	0	0.328578	0	0
lincRNA	-	0	0	1	0	0	0	0	0	0.159368	0
pseudogen	AT_hook_c	5	10	5	6	2	3	0.034372	0.088154	0.041472	0.06402
protein_co	HCG16537	0	0	0	9	17	5	0	0	0	0.641546
lincRNA	-	0	0	0	2	0	1	0	0	0	0.055791
pseudogen	ribosomal_	0	1	0	0	0	0	0	0.138868	0	0
pseudogen	-	0	0	1	0	0	0	0	0	0.166399	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
lincRNA	BAIAP2_ant	971	827	836	234	308	157	10.20399	11.14463	10.59998	3.81678
pseudogen	-	2	0	1	0	4	0	0.252097	0	0.152085	0
lincRNA	-	0	0	0	0	1	1	0	0	0	0
pseudogen	ribosomal_	0	0	1	0	0	0	0	0	0.124616	0
pseudogen	solute_carr	4	6	5	10	13	4	0.176113	0.338759	0.265613	0.683378
lincRNA	-	5	3	1	0	0	0	0.322047	0.247788	0.077714	0
processed_	-	1	0	0	0	0	4	0.07789	0	0	0
pseudogen	-	0	0	0	0	0	2	0	0	0	0
pseudogen	Charcot-Le	0	0	1	0	1	0	0	0	0.134384	0
pseudogen	eukaryotic_	0	0	0	0	1	0	0	0	0	0
antisense	-	0	0	0	2	0	1	0	0	0	0.898516
processed_	AP4B1_ant	7	2	6	1	2	3	0.189291	0.069354	0.195763	0.041972
antisense	-	0	0	0	15	11	19	0	0	0	2.420614
protein_co	testis_expr	13	16	12	9	8	7	0.237095	0.374203	0.264063	0.254772
antisense	long_interg	27	21	20	8	14	13	2.958015	2.950294	2.643715	1.36037
protein_co	Uncharacte	11	15	19	27	39	69	0.197621	0.345574	0.411852	0.752894
pseudogen	heterogene	0	0	0	1	1	0	0	0	0	0.132087
pseudogen	-	0	0	0	3	4	3	0	0	0	0.150268
lincRNA	-	1	1	1	3	1	0	0.020548	0.02635	0.024792	0.095679
antisense	-	1	3	4	2	3	5	0.022446	0.086352	0.10833	0.069679
pseudogen	-	2	3	1	4	6	2	0.119923	0.230677	0.072347	0.372275
lincRNA	-	1	0	0	0	0	0	0.093968	0	0	0
pseudogen	-	534	441	491	430	492	402	13.78056	14.59397	15.28815	17.22362
TR_V_pseu	T_cell_rece	0	0	0	1	0	0	0	0	0	0.243411
pseudogen	ribosomal_	0	0	0	2	1	2	0	0	0	0.392344
pseudogen	-	1	1	3	2	2	3	0.03555	0.045587	0.128678	0.110356
pseudogen	-	9	13	15	27	27	37	0.963494	1.784674	1.937517	4.486426
pseudogen	ribosomal_	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	3	0	0	0	0	0	0.188875
antisense	LEMD1_ant	0	1	4	4	3	1	0	0.021622	0.081374	0.104681
processed_	-	4	5	5	2	0	0	0.042754	0.068532	0.064481	0.03318
lincRNA	-	0	0	1	0	0	0	0	0	0.123527	0
antisense	-	0	0	0	11	26	6	0	0	0	0.397704
antisense	long_interg	0	0	0	0	1	0	0	0	0	0
pseudogen	ribosomal_	0	0	0	0	0	1	0	0	0	0
antisense	ZNF32_anti	3	2	1	1	4	2	0.324125	0.277096	0.130358	0.167695
pseudogen	-	1	0	0	0	0	0	0.137912	0	0	0
lincRNA	-	4	2	0	0	0	0	0.311045	0.199435	0	0
lincRNA	-	1	0	1	1	1	0	0.12953	0	0.156286	0.201049
antisense	-	0	0	0	1	0	0	0	0	0	0.018033
pseudogen	mitochond	1	0	1	0	0	0	0.128819	0	0.155427	0
pseudogen	protein_ty	3	0	3	4	0	0	0.334929	0	0.404111	0.693141
processed_	GRM7_anti	9	3	9	14	1	11	0.445628	0.190485	0.537676	1.075942
pseudogen	general_tra	64	49	66	49	67	66	1.424958	1.399031	1.773022	1.693357
pseudogen	-	1	0	1	0	0	0	0.066605	0	0.080363	0
antisense	ISM1_antis	0	1	3	0	1	2	0	0.092224	0.260317	0
processed_	-	18	18	9	11	18	7	2.104789	2.699093	1.269774	1.996453
pseudogen	-	3	2	3	3	4	0	0.145621	0.124492	0.1757	0.226024
lincRNA	-	0	1	0	1	4	2	0	0.158654	0	0.192031
pseudogen	-	0	0	0	0	2	0	0	0	0	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.128133
pseudogen	actin_relat	4	1	0	1	3	0	0.351895	0.112814	0	0.136547
antisense	-	1	0	0	0	0	0	0.099979	0	0	0
processed_	transmemb	9	7	4	85	82	72	0.215202	0.21464	0.115401	3.154657

pseudogen	-	0	0	0	1	1	1	0	0	0	0.105631
antisense	-	0	1	2	2	0	2	0	0.199105	0.374672	0.481985
pseudogen	phosducin-	1	0	0	0	0	0	0.063883	0	0	0
lincRNA	-	0	0	0	1	1	0	0	0	0	0.101506
pseudogen	neuropepti	0	0	0	0	2	0	0	0	0	0
processed_	-	1	0	1	3	4	0	0.040214	0	0.048521	0.187255
pseudogen	SWI/SNF_re	0	0	0	0	1	0	0	0	0	0
antisense	-	1	0	0	0	4	0	0.070511	0	0	0
antisense	CFLAR_anti	4	8	5	2	12	3	0.174963	0.44873	0.263878	0.135783
pseudogen	zinc_finger_	12	7	10	12	21	12	0.345627	0.258543	0.347515	0.53646
pseudogen	-	3	9	9	9	3	4	0.184364	0.709264	0.667339	0.858477
protein_co	Protein_LO	0	2	0	0	0	0	0	0.038202	0	0
processed_	-	111	60	66	101	160	50	4.107965	2.847504	2.947106	5.801705
pseudogen	-	1	2	3	31	26	14	0.031963	0.081977	0.115696	1.537951
processed_	-	1	1	0	5	18	4	0.096482	0.123724	0	0.748763
pseudogen	-	0	0	0	1	0	0	0	0	0	0.154851
antisense	-	13	7	4	10	14	13	0.89511	0.618074	0.332308	1.06872
pseudogen	-	0	0	0	0	1	1	0	0	0	0
pseudogen	-	0	0	1	3	2	1	0	0	0.28147	1.086266
pseudogen	vomeronas	1	1	2	0	2	0	0.054971	0.070492	0.132651	0
sense_intrc	-	1	2	0	0	0	0	0.087809	0.225205	0	0
antisense	-	3	5	4	3	0	4	0.374122	0.799598	0.601867	0.58069
lincRNA	-	0	0	0	1	1	0	0	0	0	0.090975
pseudogen	keratin_8_p	0	5	0	0	0	0	0	0.210244	0	0
pseudogen	-	2	0	0	5	6	5	0.106933	0	0	0.414936
pseudogen	ribosomal_	6	9	13	15	21	17	0.431503	0.830013	1.128039	1.674382
pseudogen	telomeric_	0	0	0	1	2	4	0	0	0	0.060049
lincRNA	-	7	5	10	0	1	1	0.292801	0.268197	0.504688	0
antisense	ST7_antiser	0	2	2	2	2	2	0	0.089015	0.083754	0.107742
lincRNA	-	0	0	0	1	0	0	0	0	0	0.105478
antisense	-	0	0	0	1	2	3	0	0	0	0.123147
processed_	-	20	14	20	2	1	1	0.420916	0.377835	0.507859	0.065332
processed_	-	38	35	29	20	32	10	2.892566	3.416466	2.663457	2.362981
lincRNA	-	4	5	6	27	26	20	0.117006	0.187554	0.211761	1.225861
antisense	PARD3_ant	1	0	5	2	11	5	0.155265	0	0.936681	0.481985
antisense	SORCS3_an	0	0	0	0	1	0	0	0	0	0
antisense	-	2	0	0	14	18	12	0.118859	0	0	1.291403
pseudogen	interferon_	1	2	3	0	0	4	0.088807	0.227764	0.321452	0
pseudogen	-	6	3	2	0	0	0	1.217923	0.780906	0.489831	0
pseudogen	ribosomal_	3	1	2	13	10	4	0.309165	0.132153	0.248684	2.079423
protein_co	chromosor	0	0	1	0	0	0	0	0	0.037319	0
antisense	-	2	0	1	0	0	0	0.271041	0	0.163513	0
sense_intrc	-	0	0	0	5	6	2	0	0	0	0.810465
pseudogen	RNA_bindi	0	3	1	0	0	0	0	0.215777	0.067674	0
antisense	-	1	0	0	0	0	0	0.057113	0	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	olfactory_r	0	1	3	0	0	0	0	0.065501	0.184887	0
pseudogen	triosephos	33	15	38	55	51	63	2.063161	1.202596	2.866492	5.337185
antisense	MRPL23_a	19	14	4	42	80	4	0.474899	0.44873	0.12063	1.629399
processed_	-	45	32	41	52	86	37	0.911863	0.831527	1.002418	1.635501
pseudogen	solute_carr	0	0	0	4	2	6	0	0	0	0.324548
lincRNA	-	2	1	0	0	1	0	0.165982	0.106424	0	0
pseudogen	-	1	1	1	0	0	3	0.053466	0.068563	0.06451	0
lincRNA	-	1	0	0	0	0	0	0.10351	0	0	0
pseudogen	ankyrin_rep	0	0	0	5	9	5	0	0	0	0.125612
antisense	-	0	0	2	1	0	4	0	0	0.20278	0.13043
pseudogen	-	0	0	0	2	0	2	0	0	0	0.362089
antisense	-	0	0	1	0	0	0	0	0	0.063284	0
antisense	PLCL2_anti	0	1	0	0	0	0	0	0.193343	0	0
pseudogen	glyceraldeh	0	0	0	0	1	0	0	0	0	0
antisense	-	35	17	25	0	2	3	1.674643	1.043068	1.443253	0
pseudogen	cytochrom	5	11	7	19	24	8	0.157349	0.443911	0.265791	0.928065
lincRNA	-	3	1	0	5	1	4	0.171131	0.073151	0	0.4427
sense_intrc	-	0	1	0	0	1	3	0	0.142826	0	0
antisense	-	0	3	1	1	0	1	0	0.205924	0.064584	0.083082

pseudogen	-	0	0	1	2	6	1	0	0	0.148492	0.382046
antisense	-	0	0	0	8	1	1	0	0	0	1.819495
pseudogen	-	0	0	0	4	7	4	0	0	0	0.365728
pseudogen	ADAM_met	0	1	2	4	3	1	0	0.030065	0.056576	0.14556
antisense	-	18	21	30	18	27	11	1.635698	2.447143	3.289274	2.53883
lincRNA	-	4	2	0	5	10	3	0.304481	0.195227	0	0.590745
lincRNA	-	86	64	89	16	17	12	2.242793	2.140326	2.800456	0.647651
pseudogen	UPF3_regu	2	8	4	6	9	7	0.083286	0.42721	0.200979	0.387814
protein_co	transmemb	521	351	418	174	225	240	11.46396	9.904063	11.0974	5.942602
pseudogen	fat_mass_a	11	12	8	5	5	3	0.599059	0.838046	0.525673	0.422647
pseudogen	-	3	2	5	0	0	3	0.321899	0.275194	0.647317	0
antisense	long_interg	0	0	0	0	1	0	0	0	0	0
pseudogen	-	3	0	0	0	1	0	0.158949	0	0	0
pseudogen	-	1	1	1	1	0	1	0.289445	0.371172	0.349232	0.449258
pseudogen	upstream_t	0	1	0	2	0	0	0	0.114315	0	0.276729
processed_	-	0	1	2	0	4	1	0	0.075826	0.142687	0
lincRNA	-	0	0	0	21	20	21	0	0	0	2.082256
lincRNA	-	5	6	11	42	35	33	0.294166	0.452671	0.780841	3.835322
antisense	UPK1A_ant	0	0	0	12	7	6	0	0	0	1.098563
lincRNA	family_witl	0	0	0	1	2	0	0	0	0	0.059075
sense_intro	KIRREL_int	10	8	3	6	8	3	0.798808	0.819486	0.289142	0.743916
pseudogen	-	0	0	1	0	2	0	0	0	0.294664	0
lincRNA	-	9	2	10	5	1	5	0.778617	0.221881	1.043829	0.6714
pseudogen	ribosomal_	4	2	3	4	4	4	0.311045	0.199435	0.28147	0.482785
antisense	-	12	13	4	3	4	5	0.884717	1.229068	0.355821	0.343301
lincRNA	-	0	0	0	0	1	0	0	0	0	0
processed_	-	0	0	0	2	0	1	0	0	0	0.248395
antisense	BTBD9_ant	0	1	0	0	0	3	0	0.107375	0	0
pseudogen	-	2	2	1	2	10	27	0.130613	0.167492	0.078796	0.202729
pseudogen	myosin_ligl	0	0	0	1	2	0	0	0	0	0.160662
pseudogen	-	4	1	3	8	12	5	0.451952	0.144891	0.40898	1.402984
pseudogen	-	0	0	2	0	0	2	0	0	0.329886	0
pseudogen	SSU72_RNA	0	0	0	1	1	1	0	0	0	0.124837
pseudogen	stearoyl-Co	2	0	0	1	0	0	0.086753	0	0	0.067326
pseudogen	acylglycero	0	0	0	2	3	7	0	0	0	0.115249
pseudogen	nucleopho	0	1	0	0	0	0	0	0.084215	0	0
lincRNA	-	4	7	8	63	78	41	0.220141	0.494024	0.531225	5.381605
pseudogen	ferritin_hea	5	2	2	0	7	3	0.427829	0.219452	0.20648	0
antisense	-	1	0	0	0	0	0	0.051302	0	0	0
processed_	SPANXA2_c	1	0	0	0	0	0	0.027566	0	0	0
lincRNA	-	0	0	1	1	3	2	0	0	0.07946	0.102219
pseudogen	ribosomal_	0	0	0	0	1	1	0	0	0	0
antisense	-	2	0	6	4	4	4	0.019722	0	0.071389	0.061224
lincRNA	-	1	0	0	0	0	0	0.076368	0	0	0
antisense	-	3	3	7	2	3	0	0.075874	0.097297	0.213608	0.078511
pseudogen	ferritin_ligl	16	8	15	9	14	2	1.42091	0.911058	1.607259	1.240565
antisense	-	1	2	1	1	1	1	0.111643	0.286332	0.134704	0.173285
pseudogen	-	0	1	1	0	0	0	0	0.274565	0.258336	0
pseudogen	olfactory_r	0	0	0	0	1	0	0	0	0	0
pseudogen	ribosomal_	2	0	1	0	0	0	0.210269	0	0.126851	0
pseudogen	-	0	0	0	0	2	0	0	0	0	0
pseudogen	-	1	1	0	0	2	3	0.039403	0.050529	0	0
pseudogen	-	4	4	1	11	8	2	0.243901	0.312769	0.07357	1.041063
antisense	SHANK2_ar	0	0	0	5	13	9	0	0	0	0.161589
pseudogen	ubiquitin-c	2	0	7	6	1	2	0.210742	0	0.889952	0.981301
pseudogen	-	0	0	0	2	2	2	0	0	0	0.078511
pseudogen	actin_gamr	0	0	0	1	1	1	0	0	0	0.062418
lincRNA	-	0	0	1	0	0	0	0	0	0.179036	0
lincRNA	-	0	0	3	2	8	2	0	0	0.316654	0.271566
antisense	-	3	3	2	4	6	5	0.335728	0.430524	0.27005	0.694795
antisense	-	3	4	0	0	1	1	0.148857	0.254518	0	0
antisense	-	5	5	2	6	8	5	0.160363	0.205642	0.077395	0.298686
lincRNA	-	0	0	1	1	1	1	0	0	0.130059	0.16731
protein_co	kinesin_fan	0	0	1	1	2	2	0	0	0.012783	0.016444
pseudogen	-	1	0	2	0	0	3	0.093593	0	0.22585	0

antisense	-	9	11	13	1	4	2	0.705703	1.106066	1.229902	0.121705
pseudogen	heat_shock	0	0	0	7	2	2	0	0	0	0.251089
pseudogen	-	0	0	0	3	4	3	0	0	0	0.0568
lincRNA	-	0	0	2	0	1	0	0	0	0.166644	0
lincRNA	-	68	45	42	1669	2369	1687	1.011587	0.858452	0.753861	38.53727
lincRNA	-	0	2	2	19	12	7	0	0.025946	0.024412	0.298342
pseudogen	-	1	0	4	2	5	3	0.091404	0	0.441135	0.283742
lincRNA	-	1	0	0	0	0	0	0.077376	0	0	0
pseudogen	immunoglo	0	0	2	1	1	0	0	0	0.112142	0.072131
antisense	-	2	1	4	0	0	1	0.143176	0.091801	0.345499	0
pseudogen	PWWP_do	1	2	2	0	0	0	0.020629	0.052908	0.04978	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.125917
lincRNA	-	1	1	0	15	26	20	0.027599	0.035391	0	0.642553
processed_	ENTPD1_ar	6	3	3	10	20	4	0.066338	0.042535	0.04002	0.17161
processed_	-	29	17	13	2	2	5	1.242971	0.934375	0.672287	0.133053
antisense	LENG8_ant	32	43	38	30	58	34	1.72271	2.96852	2.468277	2.506767
antisense	-	30	31	31	21	34	30	4.597061	6.091581	5.731505	4.994692
antisense	-	2	3	2	11	11	2	0.509674	0.980377	0.614951	4.350966
pseudogen	-	1	0	0	0	1	0	0.073726	0	0	0
pseudogen	syndecan_	0	0	1	2	0	0	0	0	0.063568	0.16355
antisense	-	2	1	0	1	1	0	0.083957	0.053832	0	0.065156
antisense	FGF12_anti	0	0	0	3	4	2	0	0	0	0.750307
antisense	family_witl	53	30	33	20	23	9	0.947454	0.687722	0.711777	0.554936
lincRNA	-	0	0	1	0	0	0	0	0	0.118359	0
processed_	-	1	0	0	0	0	0	0.073726	0	0	0
processed_	long_interg	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	2	1	1	0	0	0	0.154179	0.072533	0.093307
antisense	-	0	0	0	1	0	0	0	0	0	0.089191
lincRNA	-	0	0	0	0	0	2	0	0	0	0
protein_co	heat_shock	31	25	25	17	39	23	1.375204	1.422181	1.338115	1.170536
pseudogen	-	0	0	1	2	4	3	0	0	0.459963	1.183411
pseudogen	-	0	0	0	0	2	0	0	0	0	0
antisense	Smith-Mag	5	2	4	1	7	3	0.082437	0.042285	0.079572	0.025591
processed_	-	2	1	1	2	5	5	0.079542	0.051001	0.047986	0.12346
pseudogen	-	0	0	0	0	1	0	0	0	0	0
processed_	-	441	362	369	207	276	249	5.876243	6.18556	5.93247	4.281165
antisense	-	15	3	8	3	2	1	0.595555	0.152743	0.383238	0.184877
pseudogen	vacuolar_p	0	0	0	0	1	0	0	0	0	0
lincRNA	-	3	0	1	2	4	0	0.224354	0	0.090232	0.232152
protein_co	Uncharacte	3	0	0	0	1	0	0.063279	0	0	0
sense_intro	DISC1_intr	3	0	1	0	0	0	0.184606	0	0.074246	0
antisense	-	0	0	0	0	0	1	0	0	0	0
protein_co	taste_recep	2	1	3	3	0	0	0.100839	0.064656	0.182502	0.234774
protein_co	serine/argi	8	15	12	5	13	13	0.139036	0.334302	0.251633	0.134877
pseudogen	fatty_acid_	0	0	1	1	3	0	0	0	0.144694	0.186138
antisense	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	2	6	0	3	0	0	0.258336	0.996984
antisense	-	0	0	0	2	0	0	0	0	0	0.231047
pseudogen	tubulin_fol	0	0	0	1	0	0	0	0	0	0.222568
protein_co	phosphogly	3	1	4	13	10	3	0.083832	0.035834	0.134864	0.563848
lincRNA	-	2	0	4	3	0	0	0.118111	0	0.285015	0.274987
pseudogen	-	0	0	1	0	0	0	0	0	0.020027	0
pseudogen	heterogene	1	1	0	0	0	0	0.015599	0.020003	0	0
lincRNA	-	1	0	1	0	0	0	0.032928	0	0.03973	0
processed_	long_interg	0	0	0	595	774	761	0	0	0	21.50148
antisense	-	4	2	2	0	0	0	0.357939	0.229503	0.215937	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
antisense	CACTIN_ant	4	12	9	6	7	11	0.098045	0.377186	0.266168	0.228269
pseudogen	oligosaccha	4	0	5	3	3	4	0.418661	0	0.631423	0.487365
antisense	-	33	23	14	7	10	10	1.721213	1.53836	0.881042	0.566695
antisense	-	60	55	61	0	0	0	1.510957	1.776122	1.85344	0
polymorph	maestro_he	0	0	0	1	1	0	0	0	0	0.017478
lincRNA	-	0	0	0	0	2	0	0	0	0	0
antisense	MEIS1_anti	0	1	0	0	0	0	0	0.085049	0	0
lincRNA	-	0	2	1	0	0	0	0	0.278379	0.130962	0

pseudogen	-	11	6	3	4	3	0	1.083593	0.757939	0.356568	0.611595
sense_intrc	-	58	54	56	50	77	65	5.353585	6.39175	6.23667	7.163366
lincRNA	-	1	0	0	0	0	0	0.114927	0	0	0
pseudogen	nucleopho	0	0	0	0	0	1	0	0	0	0
processed_	-	0	1	0	0	1	0	0	0.033424	0	0
antisense	-	4	3	1	12	9	3	0.258347	0.24847	0.077928	1.202972
lincRNA	-	1	0	2	0	0	0	0.097688	0	0.235731	0
pseudogen	phosphorib	0	1	0	0	0	0	0	0.051481	0	0
antisense	-	3	0	2	1	0	2	0.301867	0	0.242813	0.15618
pseudogen	eukaryotic_	0	0	1	2	0	0	0	0	0.043925	0.113012
lincRNA	long_interg	0	0	0	0	1	0	0	0	0	0
antisense	-	5	1	3	0	2	1	0.087416	0.02242	0.063284	0
processed_	-	0	0	3	0	7	0	0	0	0.302543	0
lincRNA	-	3	5	3	3	3	3	0.080521	0.172094	0.097153	0.12498
lincRNA	-	8	3	4	2	4	7	0.668663	0.32155	0.40339	0.259465
lincRNA	-	0	2	0	9	12	9	0	0.154575	0	0.841926
lincRNA	-	0	0	0	0	1	0	0	0	0	0
antisense	-	0	0	0	2	0	3	0	0	0	0.463566
antisense	-	6	2	1	0	1	0	0.295836	0.126456	0.059491	0
lincRNA	-	0	1	0	0	0	1	0	0.345574	0	0
pseudogen	-	2	2	1	0	2	1	0.247441	0.317308	0.149276	0
antisense	-	3	3	0	2	4	4	0.242117	0.310481	0	0.250533
antisense	-	1	2	2	0	0	0	0.094727	0.242949	0.228588	0
pseudogen	glutathione	1	0	1	0	0	0	0.106327	0	0.128289	0
antisense	-	1	0	3	0	0	0	0.061134	0	0.221286	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
protein_co	endogenou	46	41	59	232	268	204	0.56317	0.643687	0.871529	4.408594
antisense	-	1	0	2	1	2	1	0.142523	0	0.343924	0.221215
lincRNA	-	0	1	1	6	3	2	0	0.021444	0.020177	0.155734
antisense	-	0	0	0	1	1	0	0	0	0	0.087687
processed_	-	0	0	0	3	2	0	0	0	0	0.344384
lincRNA	long_interg	0	0	0	0	2	0	0	0	0	0
antisense	-	1	0	0	0	0	0	0.137912	0	0	0
pseudogen	iron-sulfur_	0	0	2	0	2	1	0	0	0.252569	0
processed_	BSN_antise	1	0	0	5	11	4	0.018014	0	0	0.1398
lincRNA	-	2	0	0	6	3	0	0.114927	0	0	0.535146
antisense	-	0	1	1	1	0	1	0	0.105122	0.098908	0.127237
lincRNA	-	5	6	5	14	15	14	0.490481	0.754767	0.591794	2.131626
pseudogen	-	0	3	0	1	0	0	0	0.101172	0	0.040819
pseudogen	-	5	0	0	0	0	0	0.560885	0	0	0
pseudogen	general_tra	0	0	0	0	0	2	0	0	0	0
pseudogen	nuclear_rec	0	0	0	0	0	1	0	0	0	0
lincRNA	long_interg	0	0	0	0	1	0	0	0	0	0
pseudogen	centrosom	4	1	2	0	1	1	0.075874	0.024324	0.045773	0
lincRNA	-	0	0	0	0	0	2	0	0	0	0
lincRNA	-	3	0	1	0	0	0	0.252549	0	0.101572	0
protein_co	RNA_bindi	1	0	0	0	0	0	0.024409	0	0	0
pseudogen	interleukin	4	2	1	25	41	33	0.112043	0.07184	0.033797	1.086915
pseudogen	asparagine-	0	0	0	0	1	0	0	0	0	0
antisense	-	7	4	5	3	3	2	0.868334	0.636294	0.748353	0.577617
pseudogen	-	0	0	1	0	0	0	0	0	0.071344	0
processed_	differentiat	695	512	646	2166	2359	2919	37.11681	35.0643	41.62617	179.5456
pseudogen	-	0	0	0	1	0	0	0	0	0	0.288809
processed_	-	0	0	0	7	7	2	0	0	0	0.952259
processed_	-	0	0	0	0	0	1	0	0	0	0
antisense	-	2	1	0	0	0	1	0.144499	0.09265	0	0
pseudogen	RNA_28S_r	1726	1194	1465	730	1224	1164	187.343	166.1921	191.8591	122.9844
antisense	-	0	1	0	0	1	1	0	0.107759	0	0
pseudogen	Ras-homol	8	5	8	5	0	4	0.6252	0.501082	0.75434	0.606498
lincRNA	-	0	0	1	0	0	0	0	0	0.114294	0
lincRNA	long_interg	0	1	0	0	0	0	0	0.066589	0	0
antisense	-	0	0	0	0	2	2	0	0	0	0
pseudogen	-	0	0	1	1	0	0	0	0	0.231867	0.298278
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	1	0	0	0	0	0	0.071254	0

protein_co	cytochrom	11	9	7	15	8	12	0.90331	0.947755	0.69357	1.911904
pseudogen	high_mobil	8	1	3	0	2	2	1.258792	0.201778	0.569552	0
protein_co	lymphotox	0	0	1	2	6	0	0	0	0.037542	0.096589
pseudogen	abhydrolas	0	0	0	1	1	1	0	0	0	0.069712
pseudogen	centromere	0	3	0	0	0	0	0	0.069973	0	0
pseudogen	-	0	0	0	0	2	1	0	0	0	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	1	0	0	0	1	0	0.107567	0	0
pseudogen	-	0	0	1	0	0	0	0	0	0.142508	0
lincRNA	long_interg	0	0	0	0	2	0	0	0	0	0
pseudogen	neuroblast	5	4	7	9	9	5	0.35469	0.363872	0.599135	0.99095
antisense	-	12	18	13	0	3	1	0.653519	1.257069	0.854218	0
pseudogen	-	10	8	5	17	18	14	1.127164	1.156342	0.679994	2.974175
lincRNA	-	2	0	0	8	12	21	0.123071	0	0	0.764092
antisense	-	27	29	18	26	23	23	1.417727	1.952703	1.14038	2.119009
lincRNA	-	0	1	0	2	0	0	0	0.089213	0	0.215964
antisense	SLC8A1_an	1	2	6	0	2	2	0.05015	0.12862	0.363051	0
pseudogen	-	0	0	0	2	0	0	0	0	0	0.175162
antisense	-	0	0	0	0	1	0	0	0	0	0
processed_	long_interg	47	38	27	9	12	12	0.972994	1.0088	0.67441	0.289191
pseudogen	-	5	9	2	10	17	13	0.097728	0.225581	0.047166	0.303376
antisense	ITGB2_anti	1	0	3	0	0	0	0.020548	0	0.074376	0
antisense	-	1	0	0	0	0	0	0.121477	0	0	0
lincRNA	-	1	0	0	0	0	0	0.068353	0	0	0
antisense	-	0	0	0	7	5	11	0	0	0	1.037594
protein_co	chromosor	1343	965	1031	673	767	639	8.100501	7.464015	7.503132	6.300593
antisense	-	0	0	0	1	2	1	0	0	0	0.17882
pseudogen	-	0	0	0	0	2	1	0	0	0	0
pseudogen	-	0	2	0	0	3	0	0	0.153588	0	0
protein_co	WD_repeat	1251	1097	1102	968	1130	1531	24.87676	27.97387	26.44029	29.87737
processed_	long_interg	3	8	3	4	12	1	0.166671	0.569951	0.201098	0.344928
pseudogen	ribosomal_	1180	830	900	1413	990	1351	180.8177	163.0972	166.3985	336.0714
lincRNA	-	0	0	0	1	0	0	0	0	0	0.029194
antisense	-	0	2	0	0	2	2	0	0.189984	0	0
antisense	-	1	0	0	2	1	0	0.12953	0	0	0.402098
lincRNA	-	8	10	5	6	4	2	1.044903	1.674925	0.78796	1.216376
pseudogen	succinate_	0	1	0	0	2	0	0	0.129311	0	0
sense_intrc	-	3	1	0	0	0	0	0.379165	0.162075	0	0
pseudogen	-	0	0	1	0	1	0	0	0	0.152495	0
pseudogen	-	95	76	78	144	169	130	13.83401	14.19213	13.70463	32.54749
processed_	-	5	4	6	1	0	0	0.064022	0.06568	0.092696	0.019874
antisense	-	0	0	0	5	5	0	0	0	0	0.681459
lincRNA	-	0	0	0	0	1	0	0	0	0	0
antisense	-	0	0	1	2	1	0	0	0	0.10943	0.281547
pseudogen	-	297	252	259	601	604	564	37.23619	40.51526	39.17929	116.9536
lincRNA	-	9	1	3	7	6	3	0.205158	0.029232	0.082512	0.247671
antisense	LMCD1_an	21	16	11	11	10	10	0.367011	0.358582	0.231953	0.298389
antisense	-	0	0	0	1	3	2	0	0	0	0.21469
pseudogen	-	6	4	5	3	8	10	1.212673	1.036721	1.2193	0.941118
lincRNA	-	0	0	0	1	3	2	0	0	0	0.022829
lincRNA	-	0	0	0	1	0	0	0	0	0	0.154851
processed_	-	1	0	1	5	7	4	0.051984	0	0.062722	0.403436
lincRNA	-	0	0	0	0	0	1	0	0	0	0
pseudogen	ribosomal_	0	1	3	0	1	1	0	0.11978	0.338101	0
protein_co	zinc_finger	19	20	24	95	109	72	0.229912	0.310347	0.350403	1.784279
antisense	-	1	0	0	0	0	0	0.018367	0	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	2	1	0	3	0	0	0.045792	0.029454
antisense	IL21_antise	0	3	1	0	0	0	0	0.04813	0.015095	0
lincRNA	-	1	0	4	0	0	0	0.167464	0	0.808222	0
pseudogen	-	0	1	0	2	0	0	0	0.075921	0	0.183787
antisense	-	1	0	0	4	1	2	0.036209	0	0	0.224802
pseudogen	-	0	0	0	0	0	1	0	0	0	0
processed_	-	1	0	1	3	0	1	0.483402	0	0.583253	2.250922
pseudogen	-	1	0	1	0	0	0	0.090173	0	0.108799	0

antisense	WDR11_an	0	0	0	2	1	4	0	0	0	0.064924
antisense	-	1	3	6	1	0	0	0.116642	0.44873	0.844411	0.181044
antisense	-	0	1	0	0	1	1	0	0.145241	0	0
antisense	-	0	0	1	0	0	0	0	0	0.148883	0
pseudogen	-	5	1	1	0	0	1	0.303692	0.077888	0.073284	0
lincRNA	-	0	0	1	0	0	0	0	0	0.218438	0
protein_co	epiplakin_1	6	3	6	1029	1791	624	0.035181	0.022557	0.042448	9.364814
antisense	-	1	1	1	0	1	1	0.123395	0.158236	0.148883	0
antisense	-	3	1	2	2	1	3	0.28247	0.120743	0.227211	0.292288
antisense	-	0	0	1	0	0	0	0	0	0.026132	0
antisense	-	1	0	0	1	0	1	0.084946	0	0	0.131847
lincRNA	-	0	0	1	0	1	0	0	0	0.114525	0
processed_	-	7	5	5	5	7	6	0.270594	0.247856	0.233205	0.299999
antisense	-	1	2	1	5	1	2	0.058686	0.150513	0.070808	0.455443
antisense	ST7_antiser	11	7	4	20	26	17	0.273049	0.222821	0.1198	0.770564
sense_intrc	-	10	2	6	0	2	0	1.257105	0.322412	0.910062	0
pseudogen	calponin_2	0	1	0	3	4	4	0	0.065501	0	0.237842
pseudogen	SUB1_hom	1	1	0	0	1	0	0.122109	0.156588	0	0
pseudogen	RNA_bindi	0	1	0	0	0	1	0	0.05678	0	0
pseudogen	long_interg	0	0	0	0	1	0	0	0	0	0
antisense	-	4	1	7	8	10	6	0.346691	0.111146	0.732031	1.076226
pseudogen	-	2	0	2	0	0	0	0.269483	0	0.325147	0
pseudogen	profilin_1_	5	2	4	0	0	0	0.587594	0.301402	0.567173	0
antisense	SPATA13_a	1	1	0	1	0	1	0.108291	0.138868	0	0.168083
antisense	HLA_compl	1	2	5	9	13	9	0.045436	0.116531	0.274106	0.634708
antisense	-	4	0	0	1	1	2	0.39075	0	0	0.151625
antisense	-	5	2	2	0	1	10	0.212172	0.108832	0.102399	0
antisense	-	3	4	2	4	2	10	0.284182	0.485897	0.228588	0.58812
pseudogen	MT-ND1_ps	0	0	0	0	0	1	0	0	0	0
antisense	-	5	0	0	4	1	3	0.410596	0	0	0.509841
antisense	-	4	12	10	0	1	0	0.270259	1.039708	0.815209	0
pseudogen	WAS_prote	372	307	295	292	350	282	9.782999	10.35325	9.360501	11.91907
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	3	2	7	0	0	0	0.126647
antisense	-	0	2	0	1	0	0	0	0.260302	0	0.157532
processed_	-	0	1	0	0	0	0	0	0.072271	0	0
pseudogen	neuroblast	3	1	3	2	1	2	0.036941	0.01579	0.044571	0.038225
lincRNA	-	1	2	0	1	2	1	0.092122	0.236266	0	0.142986
sense_intrc	FAM155A_i	2	3	0	1	0	2	0.114506	0.220256	0	0.088864
processed_	-	5	7	9	8	7	6	0.10015	0.179799	0.217505	0.248714
antisense	-	3	1	0	0	0	0	0.202112	0.086393	0	0
pseudogen	voltage-dep	1	0	0	0	2	0	0.053163	0	0	0
antisense	MIS18A_an	9	3	1	3	4	1	0.548778	0.234577	0.07357	0.283926
pseudogen	-	3	0	2	0	1	0	0.35977	0	0.289389	0
antisense	SMIM2_ant	0	0	0	0	3	0	0	0	0	0
pseudogen	tyrosine_3-	0	0	0	0	0	1	0	0	0	0
pseudogen	HLA_compl	0	0	0	0	0	1	0	0	0	0
pseudogen	-	1	0	0	1	0	3	0.080706	0	0	0.125266
protein_co	killin_p53-l	14	10	8	0	15	12	0.153486	0.140589	0.105823	0
lincRNA	-	0	1	1	0	0	1	0	0.13697	0.128874	0
antisense	-	0	0	0	0	1	0	0	0	0	0
antisense	-	0	1	0	0	0	0	0	0.139189	0	0
antisense	-	7	7	8	0	3	1	0.745978	0.95661	1.028646	0
antisense	-	5	0	3	8	9	4	0.299043	0	0.216488	0.742651
lincRNA	-	0	0	0	0	2	0	0	0	0	0
antisense	-	26	19	12	19	19	5	1.505112	1.410452	0.838156	1.707181
pseudogen	-	2	2	0	16	12	7	0.055988	0.071797	0	0.69521
pseudogen	heat_shock	5	4	0	0	1	3	0.196851	0.201947	0	0
lincRNA	-	1	0	0	0	0	0	0.052745	0	0	0
lincRNA	-	1	2	0	0	0	0	0.075386	0.193343	0	0
lincRNA	-	0	0	0	1	3	2	0	0	0	0.198852
antisense	-	3	6	10	1	1	1	0.254837	0.653585	1.024919	0.131847
pseudogen	elongation_	0	0	0	1	0	4	0	0	0	0.038185
lincRNA	-	0	0	1	0	0	0	0	0	0.068743	0
pseudogen	-	2	1	2	1	2	0	0.062813	0.040274	0.075788	0.048747

pseudogen	-	0	0	1	0	1	0	0	0	0.156719	0
pseudogen	-	6	7	0	0	0	0	0.173026	0.258861	0	0
pseudogen	MT-ND4_ps	1	0	2	3	3	1	0.045392	0	0.109536	0.211364
pseudogen	-	5	3	8	9	8	5	1.403893	1.080176	2.710204	3.922265
lincRNA	-	0	0	0	1	0	1	0	0	0	0.152259
pseudogen	-	0	0	0	1	0	3	0	0	0	0.090975
pseudogen	-	0	1	0	2	2	10	0	0.127664	0	0.309044
pseudogen	HAUS_augn	1	0	0	0	3	2	0.030232	0	0	0
protein_co	poly_(ADP-	332	229	230	413	468	404	6.136179	5.427561	5.129037	11.84787
antisense	ARHGEF7_a	0	1	0	0	0	0	0	0.18732	0	0
processed_	RBM26_an	5	5	4	14	9	11	0.133514	0.171212	0.128874	0.580249
antisense	-	0	0	0	4	2	4	0	0	0	0.661635
lincRNA	long_interg	0	0	0	1	1	0	0	0	0	0.174114
lincRNA	-	2	1	2	2	0	0	0.167166	0.107183	0.201695	0.259465
lincRNA	-	1	1	0	0	3	0	0.065398	0.083863	0	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.133053
pseudogen	-	4	3	4	1	2	2	0.411316	0.395591	0.496276	0.159605
pseudogen	-	1	0	0	0	0	0	0.112177	0	0	0
antisense	TP73_antis	784	689	647	1420	1752	1231	5.781971	6.51611	5.757212	16.25469
lincRNA	-	3	2	0	2	2	4	0.204462	0.174796	0	0.211569
lincRNA	-	2	0	1	0	0	1	0.189455	0	0.114294	0
processed_	DLG1_antis	0	1	0	0	0	1	0	0.035496	0	0
pseudogen	ferritin_hea	2	2	2	6	9	10	0.169891	0.217862	0.204984	0.791085
pseudogen	peptidylpro	3	2	3	0	2	2	0.285915	0.24443	0.344973	0
pseudogen	eukaryotic_	5	0	0	0	1	0	0.219112	0	0	0
pseudogen	-	2	1	0	1	4	4	0.286789	0.183883	0	0.222568
processed_	-	2	3	3	17	7	4	0.171758	0.330383	0.310854	2.266038
antisense	HPN_antise	0	0	0	9	5	2	0	0	0	0.582756
pseudogen	-	0	1	0	3	5	0	0	0.103316	0	0.375154
pseudogen	eukaryotic_	0	2	0	0	0	0	0	0.067524	0	0
processed_	KIF9_antise	32	13	20	12	21	15	0.637688	0.332209	0.48088	0.371168
processed_	-	0	0	0	1	0	0	0	0	0	0.124198
pseudogen	ribosomal_	0	0	0	0	4	0	0	0	0	0
processed_	-	0	0	0	11	6	18	0	0	0	0.343154
antisense	ZMYM4_an	0	2	2	2	0	0	0	0.262003	0.246516	0.317123
processed_	-	0	1	3	57	71	29	0	0.073151	0.20648	5.046775
pseudogen	-	3	5	4	0	4	3	0.396254	0.846899	0.63747	0
pseudogen	-	3	5	0	2	0	0	0.218771	0.467572	0	0.226376
processed_	PCGEM1_p	1	0	0	0	0	0	0.029491	0	0	0
pseudogen	-	0	0	0	0	2	0	0	0	0	0
antisense	-	2	1	3	2	1	3	0.168669	0.108147	0.305264	0.261798
antisense	-	1	2	2	0	1	0	0.090347	0.231714	0.218017	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.19831
pseudogen	FCF1_small	2	2	2	2	2	1	0.164238	0.210612	0.198163	0.25492
antisense	-	7	4	7	0	0	0	0.488438	0.357915	0.589328	0
pseudogen	ATP_syntha	1	9	2	9	7	5	0.106327	1.227139	0.256578	1.485302
protein_co	Uncharacte	11	4	4	13	6	7	0.380096	0.177243	0.166766	0.697227
lincRNA	long_interg	6	1	6	1	0	1	0.234841	0.050192	0.28335	0.060751
pseudogen	-	0	0	0	1	0	0	0	0	0	0.222568
processed_	-	0	0	0	0	0	2	0	0	0	0
pseudogen	-	8	3	4	8	6	10	2.451766	1.179016	1.479098	3.80548
protein_co	aldo-keto_r	0	0	0	1	0	1	0	0	0	0.036591
pseudogen	-	0	0	1	0	0	0	0	0	0.065481	0
lincRNA	-	2	0	0	0	0	0	0.501498	0	0	0
processed_	STK4_antis	4	4	1	1	5	0	0.090828	0.116474	0.027397	0.035244
antisense	-	1	2	0	2	1	0	0.081265	0.208422	0	0.25227
lincRNA	-	1	1	0	1	2	0	0.03834	0.049166	0	0.059509
processed_	-	2	2	0	6	24	16	0.093128	0.119424	0	0.433643
antisense	-	9	6	7	0	0	0	0.390389	0.333745	0.366354	0
lincRNA	-	2	0	2	0	1	0	0.143614	0	0.173279	0
antisense	-	3	1	7	2	5	2	0.166277	0.071075	0.468119	0.172056
pseudogen	ubiquitin_s	1	0	0	0	0	0	0.083286	0	0	0
antisense	-	0	4	0	2	3	0	0	0.412554	0	0.249673
antisense	-	3	9	3	0	2	0	0.091941	0.353705	0.110932	0
protein_co	secretory_c	1214	909	949	723	937	793	19.2703	18.50304	18.17541	17.81307

processed_	-	0	2	0	0	0	1	0	0.291185	0	0
protein_co	lymphotox	7	6	2	3	10	2	0.236477	0.259927	0.081521	0.157305
antisense	-	11	7	8	5	13	8	0.596979	0.487163	0.523847	0.421179
lincRNA	-	0	1	1	4	3	9	0	0.149205	0.140386	0.72238
antisense	microRNA_	5	1	4	3	6	7	0.080209	0.020571	0.077421	0.074697
pseudogen	-	0	0	0	2	0	0	0	0	0	0.147328
pseudogen	ribosomal_	2	2	0	1	1	2	0.301544	0.386687	0	0.234019
sense_intrc	-	1	2	0	1	3	2	0.070938	0.181936	0	0.110106
antisense	DIAPH3_an	1	0	0	1	0	1	0.100407	0	0	0.155845
pseudogen	-	1	0	0	0	0	0	0.242953	0	0	0
processed_	SLC2A1_an	27	26	19	82	88	31	0.411717	0.508415	0.349572	1.940795
pseudogen	-	0	0	0	1	2	0	0	0	0	0.075186
antisense	-	0	0	0	1	0	0	0	0	0	0.261798
pseudogen	suppressor	5	5	3	5	8	2	0.149713	0.191985	0.108382	0.232375
processed_	-	4	2	0	14	23	9	0.246142	0.157821	0	1.337162
pseudogen	-	0	0	0	1	1	0	0	0	0	0.105785
lincRNA	-	15	5	29	7	17	29	0.773763	0.330747	1.804939	0.560461
processed_	SPAG5_ant	13	17	12	21	12	21	0.284713	0.477444	0.317098	0.713861
lincRNA	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
pseudogen	phosphogl	22	19	20	10	11	7	0.524177	0.580521	0.574954	0.369816
pseudogen	-	2	6	0	1	3	1	0.240462	0.925074	0	0.186615
pseudogen	-	1	0	0	0	0	1	0.077249	0	0	0
pseudogen	ribosomal_	4	3	6	0	1	0	0.24108	0.231863	0.436315	0
lincRNA	-	2	1	1	0	0	0	0.117519	0.075351	0.070897	0
pseudogen	-	1	5	6	0	0	1	0.041313	0.264889	0.299078	0
pseudogen	-	0	1	0	1	1	4	0	0.080711	0	0.097691
pseudogen	-	0	1	0	0	0	1	0	0.172787	0	0
antisense	-	0	0	0	0	3	0	0	0	0	0
pseudogen	ATP_syntha	0	0	0	0	1	0	0	0	0	0
antisense	-	1	0	0	0	3	0	0.104432	0	0	0
antisense	-	10	7	10	6	19	6	1.217923	1.093269	1.469494	1.134231
antisense	-	2	4	6	6	6	8	0.135716	0.348074	0.491249	0.631952
pseudogen	SMT3_supp	0	0	0	1	0	0	0	0	0	0.285411
pseudogen	-	9	8	10	23	8	15	1.05767	1.20561	1.417932	4.195327
pseudogen	-	0	0	0	0	1	0	0	0	0	0
antisense	CERS6_anti	0	0	0	1	0	0	0	0	0	0.025183
antisense	-	0	0	0	0	0	1	0	0	0	0
pseudogen	asparagine-	2	0	1	4	7	6	0.123395	0	0.074441	0.383052
antisense	-	1	3	2	5	5	3	0.070724	0.272081	0.170665	0.548867
processed_	-	1	0	0	0	1	0	0.01312	0	0	0
pseudogen	-	0	2	0	0	0	0	0	0.194595	0	0
lincRNA	-	1	0	1	0	1	0	0.094346	0	0.113834	0
antisense	-	8	5	2	2	6	7	1.17225	0.939528	0.353597	0.454874
pseudogen	heterogene	4	1	5	8	4	6	0.200599	0.06431	0.302543	0.622715
processed_	SOX21_ant	0	0	0	146	168	271	0	0	0	6.917872
processed_	STEAP2_an	0	1	0	1	0	0	0	0.059831	0	0.072418
sense_intrc	-	2	0	1	0	0	0	0.246142	0	0.148492	0
antisense	CLYBL_anti	0	0	0	2	0	0	0	0	0	0.209438
antisense	-	2	2	0	3	3	1	0.131345	0.168431	0	0.305797
pseudogen	-	4	3	0	1	1	0	0.593545	0.570852	0	0.230316
pseudogen	-	209	206	217	191	202	196	6.689429	8.455111	8.380126	9.488698
antisense	-	0	0	0	0	0	4	0	0	0	0
antisense	-	1	5	2	0	2	0	0.060975	0.390961	0.14714	0
lincRNA	-	0	0	1	0	0	0	0	0	0.103052	0
lincRNA	-	4	2	1	0	1	0	0.242639	0.155575	0.07319	0
lincRNA	-	1	1	0	0	0	1	0.087645	0.112392	0	0
pseudogen	ciliary_roo	0	0	0	4	8	1	0	0	0	0.584577
pseudogen	heterogene	0	0	0	0	0	1	0	0	0	0
pseudogen	signal_reco	1	0	0	0	0	0	0.184606	0	0	0
pseudogen	mediator_c	7	2	1	0	7	1	0.618136	0.226478	0.106545	0
pseudogen	glutathion	0	0	0	10	16	4	0	0	0	1.267941
antisense	DNMBP_an	0	3	0	0	0	1	0	0.088687	0	0
sense_intrc	-	4	2	6	6	3	7	0.419597	0.269037	0.759403	0.97691
pseudogen	-	0	0	0	3	4	1	0	0	0	0.42232

antisense	-	0	2	1	0	0	0	0	0.247958	0.116651	0
lincRNA	-	0	0	0	18	5	12	0	0	0	0.816222
lincRNA	-	1	0	0	0	0	0	0.075751	0	0	0
lincRNA	-	0	0	0	7	6	8	0	0	0	0.567326
pseudogen	MT-ND6_ps	0	0	0	0	1	0	0	0	0	0
antisense	-	7	3	5	19	20	5	0.626393	0.344255	0.539843	2.638962
pseudogen	-	0	0	0	2	1	0	0	0	0	0.26562
lincRNA	-	0	0	1	0	0	0	0	0	0.152907	0
pseudogen	GRINL1B_c	1	3	5	2	3	1	0.042358	0.162953	0.255535	0.13149
sense_intrc	-	0	0	0	12	14	4	0	0	0	4.2396
pseudogen	MT-ND6_ps	1	1	0	0	0	0	0.091582	0.117441	0	0
sense_intrc	-	0	0	0	5	1	1	0	0	0	0.144807
pseudogen	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	2	0	2	0	0	0	0.14274	0	0.172224	0
processed_	-	28	20	28	3	12	31	0.832016	0.762101	1.003875	0.138365
lincRNA	-	7	9	2	0	1	0	0.094076	0.155107	0.032431	0
pseudogen	-	0	0	0	0	1	2	0	0	0	0
lincRNA	-	2	0	3	1	0	0	0.20611	0	0.373025	0.159956
pseudogen	-	0	0	0	0	2	1	0	0	0	0
pseudogen	HLA_compl	0	2	4	1	0	1	0	0.534487	1.005787	0.323466
pseudogen	vesicle_tra	1	0	0	0	0	0	0.088975	0	0	0
pseudogen	glucuronid	0	0	1	0	0	0	0	0	0.083322	0
antisense	-	0	0	1	0	0	0	0	0	0.049978	0
sense_intrc	ASH1L_intr	2	3	1	1	3	0	0.20933	0.402655	0.126285	0.162455
pseudogen	-	332	269	282	222	272	193	8.610335	8.946303	8.824277	8.936458
pseudogen	-	0	0	0	2	1	3	0	0	0	0.235533
pseudogen	-	4	0	1	2	0	0	0.12203	0	0.036809	0.094704
pseudogen	glutamate_	8	9	6	5	5	5	0.402489	0.580653	0.36422	0.39045
protein_co	Uncharacte	0	0	0	0	0	1	0	0	0	0
processed_	-	0	0	0	1	1	2	0	0	0	0.202166
pseudogen	-	1	0	0	1	3	1	0.060817	0	0	0.094397
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	1	0	0	0	0	0	0.108147	0	0
pseudogen	-	31	21	31	17	11	18	1.013661	0.880562	1.223041	0.862801
processed_	-	1	0	0	2	0	0	0.245497	0	0	0.762092
pseudogen	-	0	0	0	0	1	0	0	0	0	0
processed_	-	2	1	0	5	10	2	0.044008	0.028217	0	0.170764
pseudogen	-	1	2	1	0	1	1	0.095694	0.245428	0.11546	0
pseudogen	-	0	0	1	0	0	0	0	0	0.071164	0
pseudogen	-	0	0	2	0	0	0	0	0	0.314308	0
processed_	-	0	0	0	0	1	3	0	0	0	0
pseudogen	solute_carr	61	55	54	6	10	16	0.863875	0.998834	0.922705	0.131887
pseudogen	-	127	74	104	68	73	63	0.59958	0.448007	0.592414	0.498291
pseudogen	-	1	3	2	0	0	1	0.12953	0.498313	0.312572	0
lincRNA	-	1	0	0	73	59	80	0.057253	0	0	6.487089
antisense	-	3	2	3	0	0	0	0.089599	0.076598	0.108106	0
pseudogen	-	0	0	1	0	0	0	0	0	0.127999	0
antisense	SUCLA2_an	0	1	3	2	4	0	0	0.108931	0.307476	0.263695
pseudogen	-	0	1	0	1	0	1	0	0.362228	0	0.438433
pseudogen	-	29	16	38	26	35	20	0.584613	0.413619	0.924277	0.813532
antisense	-	1	1	1	0	5	1	0.138319	0.177374	0.166889	0
protein_co	uncharacte	0	0	0	0	1	2	0	0	0	0
lincRNA	-	1	0	1	0	0	1	0.088305	0	0.106545	0
pseudogen	-	0	0	0	0	2	0	0	0	0	0
lincRNA	-	1	1	2	0	0	2	0.053897	0.069115	0.130059	0
pseudogen	paraspeckle	0	1	1	3	2	5	0	0.090421	0.085076	0.32833
pseudogen	ATPase_H+_	0	0	0	0	3	0	0	0	0	0
lincRNA	-	7	9	13	2	14	3	0.386153	0.636668	0.865272	0.171247
pseudogen	-	0	1	0	0	0	0	0	0.182212	0	0
processed_	family_witl	6	4	2	5	5	5	0.305472	0.26115	0.122857	0.395113
lincRNA	long_interg	1	1	4	0	0	0	0.084946	0.108931	0.409967	0
antisense	-	11	11	9	32	32	16	0.802162	1.028659	0.791881	3.622012
antisense	SNAP25_ar	2	0	2	0	0	0	0.029242	0	0.035283	0
antisense	-	0	0	0	1	9	2	0	0	0	0.031795
lincRNA	-	2	0	1	0	0	0	0.201245	0	0.121407	0

pseudogen	keratin_8_p	0	0	0	0	1	0	0	0	0	0
antisense	-	1	0	2	2	1	2	0.041866	0	0.101028	0.129964
lincRNA	-	0	0	0	0	2	0	0	0	0	0
protein_co	-	1	5	0	0	0	3	0.012346	0.07916	0	0
lincRNA	-	0	0	2	0	0	1	0	0	0.267496	0
sense_intrc	MACROD2_	0	0	0	3	0	0	0	0	0	0.32833
antisense	SRGAP3_ar	0	1	0	1	0	2	0	0.106049	0	0.128359
antisense	-	0	0	0	1	1	0	0	0	0	0.126794
pseudogen	-	2	1	0	1	0	1	0.163665	0.104939	0	0.127015
lincRNA	-	0	0	0	1	3	1	0	0	0	0.102796
pseudogen	ribosomal_	0	0	1	3	2	0	0	0	0.047029	0.181496
antisense	-	0	0	0	1	0	0	0	0	0	0.096782
lincRNA	-	33	19	14	83	130	76	2.057674	1.519237	1.053267	8.032877
lincRNA	-	0	0	0	1	0	0	0	0	0	0.0893
pseudogen	-	0	0	0	0	2	1	0	0	0	0
pseudogen	-	3	0	0	1	3	1	0.491853	0	0	0.254475
processed_	-	8	4	4	4	6	0	0.144277	0.092507	0.087039	0.111969
processed_	-	0	0	0	0	0	1	0	0	0	0
antisense	-	5	3	8	3	1	3	0.259347	0.199546	0.500668	0.241526
sense_intrc	-	0	0	0	1	3	1	0	0	0	0.212186
pseudogen	-	0	0	1	0	1	1	0	0	0.200622	0
processed_	-	3	7	1	3	5	10	0.053876	0.161206	0.021668	0.083623
lincRNA	-	5	3	0	1	4	1	0.100795	0.077553	0	0.03129
pseudogen	protein-kin	2	3	0	0	0	0	0.041386	0.079607	0	0
pseudogen	protein_(pe	1	3	10	3	2	1	0.118409	0.455529	1.428674	0.551362
pseudogen	tripartite_r	0	0	0	3	3	2	0	0	0	0.263695
pseudogen	-	10	23	23	0	0	0	1.351297	3.985548	3.749961	0
pseudogen	MT-ND5_ps	3	2	1	10	12	5	0.102305	0.087462	0.041146	0.529308
pseudogen	ribosomal_	1	2	1	2	4	2	0.062687	0.160775	0.075636	0.194598
pseudogen	DEAH_(Asp-	0	0	2	0	0	0	0	0	0.036785	0
antisense	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	1	0	3	1	2	0	0.18732	0	0.680185
protein_co	Uncharacte	2	4	1	0	1	2	0.1563	0.400865	0.094293	0
processed_	-	6	3	3	5	14	4	0.49883	0.319839	0.300934	0.645211
pseudogen	-	0	0	0	0	2	0	0	0	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
processed_	RAPGEF4_a	4	0	1	0	0	0	0.040554	0	0.012233	0
pseudogen	-	2	5	3	1	3	2	0.248095	0.795368	0.449012	0.192539
lincRNA	-	0	0	4	1	1	0	0	0	0.064108	0.020618
lincRNA	HLA_compl	1	1	1	1	4	1	0.03901	0.050025	0.047068	0.060549
antisense	-	4	8	9	1	1	2	0.444455	1.139901	1.206587	0.172464
lincRNA	-	2	2	1	0	0	0	0.169584	0.217468	0.102307	0
lincRNA	-	0	0	3	0	2	1	0	0	0.347089	0
antisense	-	0	0	4	0	0	0	0	0	0.086706	0
antisense	-	0	2	0	2	0	4	0	0.192108	0	0.232523
pseudogen	vomeronas	0	0	0	30	34	22	0	0	0	2.31047
processed_	-	3	2	1	7	7	5	0.151584	0.12959	0.060965	0.548986
pseudogen	DnaJ_(Hsp4	0	0	0	0	2	3	0	0	0	0
protein_co	Homo_sapi	1	2	5	0	0	0	0.027357	0.070163	0.165039	0
pseudogen	topoisome	0	0	2	1	2	2	0	0	0.081993	0.052739
pseudogen	-	2	1	0	0	1	0	0.196193	0.125795	0	0
pseudogen	RAN_membr	2	0	2	0	0	0	0.143176	0	0.17275	0
pseudogen	cofilin_1_(r	0	0	0	3	6	6	0	0	0	0.445591
pseudogen	SEC63_hon	6	1	3	1	0	1	0.223641	0.047798	0.134918	0.057854
antisense	-	7	7	4	1	8	11	0.595699	0.763899	0.410711	0.132087
processed_	-	1	3	3	2	1	0	0.078411	0.301654	0.283824	0.243411
processed_	-	0	0	1	0	0	0	0	0	0.078143	0
antisense	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	46	33	22	39	36	37	1.757898	1.617183	1.014394	2.313294
pseudogen	-	0	0	3	2	3	7	0	0	0.217877	0.186854
pseudogen	ribosomal_	0	0	0	0	0	2	0	0	0	0
antisense	-	1	0	3	0	0	2	0.118111	0	0.427523	0
pseudogen	ubiquitin_l	0	0	0	0	0	1	0	0	0	0
protein_co	biorientati	0	0	0	1	0	2	0	0	0	0.02247
pseudogen	-	0	2	0	1	4	0	0	0.161639	0	0.097822

pseudogen	major_hist	0	0	0	0	1	0	0	0	0	0
lincRNA	-	2	1	1	1	0	6	0.166572	0.106802	0.100489	0.129271
pseudogen	-	0	0	0	0	0	1	0	0	0	0
antisense	-	2	6	4	6	8	0	0.143176	0.550807	0.345499	0.666685
antisense	-	0	1	2	0	0	0	0	0.101571	0.191133	0
pseudogen	-	3	0	0	6	5	7	0.32714	0	0	1.015532
lincRNA	-	22	19	19	18	29	20	1.344955	1.489526	1.401479	1.708001
processed_	-	6	6	12	6	11	5	0.472047	0.605334	1.139104	0.732683
antisense	-	1	0	2	0	0	0	0.087481	0	0.211103	0
antisense	MFI2_antis	6	5	7	17	29	14	0.295836	0.31614	0.416434	1.301006
pseudogen	suppressio	0	0	2	3	3	1	0	0	0.100668	0.194252
antisense	-	1	1	0	1	0	0	0.057113	0.07324	0	0.088648
sense_intrc	-	1	0	0	5	5	0	0.116352	0	0	0.902975
protein_co	-	0	0	0	0	0	1	0	0	0	0
antisense	-	0	0	2	1	1	0	0	0	0.239727	0.154194
pseudogen	-	0	1	0	0	1	0	0	0.105491	0	0
lincRNA	long_interg	10	5	7	8	10	2	0.828446	0.531182	0.699697	1.02869
lincRNA	-	0	0	0	2	1	3	0	0	0	0.104269
lincRNA	-	0	1	1	0	0	0	0	0.034419	0.032384	0
antisense	-	0	0	0	2	1	1	0	0	0	0.143976
antisense	-	1	8	7	0	7	2	0.120231	1.233432	1.015458	0
lincRNA	-	0	1	0	0	0	0	0	0.215519	0	0
processed_	-	1	1	1	2	3	0	0.009056	0.011613	0.010926	0.028111
lincRNA	-	0	0	0	4	6	0	0	0	0	0.11332
protein_co	caspase_16	11	11	9	9	17	4	0.238681	0.306075	0.235622	0.303109
pseudogen	ribosomal_	0	0	0	1	2	2	0	0	0	0.060099
processed_	-	4	5	5	9	7	10	0.426273	0.683293	0.642903	1.488678
antisense	-	0	0	1	0	0	1	0	0	0.018133	0
lincRNA	-	0	0	0	1	2	4	0	0	0	0.16355
pseudogen	-	0	0	1	0	1	3	0	0	0.319636	0
processed_	-	0	1	0	0	0	0	0	0.162513	0	0
protein_co	Uncharacte	0	0	0	10	8	6	0	0	0	0.378864
pseudogen	transducin	0	0	4	4	8	18	0	0	0.384214	0.49426
pseudogen	MT-ND1_ps	0	0	1	0	0	0	0	0	0.064584	0
pseudogen	peptidylpr	0	0	0	1	1	0	0	0	0	0.147926
pseudogen	-	0	1	0	0	2	0	0	0.241485	0	0
processed_	-	0	1	4	1	0	0	0	0.116305	0.437722	0.140773
pseudogen	gem_(nucle	7	3	3	34	39	22	0.450247	0.247448	0.232821	3.394394
lincRNA	-	0	1	0	0	0	0	0	0.120743	0	0
pseudogen	-	1	0	0	0	0	0	0.192963	0	0	0
pseudogen	-	0	0	0	2	1	0	0	0	0	0.25492
antisense	-	3	0	0	0	1	0	0.230607	0	0	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.08261
pseudogen	protein_tyr	0	0	0	2	0	2	0	0	0	0.135783
antisense	-	2	5	7	2	0	2	0.24108	0.772877	1.018068	0.374189
processed_	RNF144A_a	78	71	76	21	25	17	1.238125	1.445232	1.455565	0.517392
antisense	-	0	0	0	8	10	8	0	0	0	0.764092
pseudogen	-	3	5	6	3	1	1	0.192172	0.410723	0.463734	0.298278
pseudogen	OFD1_pseu	3	0	0	2	5	1	0.04661	0	0	0.04823
antisense	NLGN1_ant	1	2	1	2	1	1	0.057534	0.147558	0.069418	0.178601
antisense	long_interg	5	9	17	15	25	21	0.145712	0.336338	0.597752	0.678494
pseudogen	-	1	4	0	1	1	5	0.111643	0.572665	0	0.173285
pseudogen	activating_	0	3	0	3	3	3	0	0.170823	0	0.206761
pseudogen	nucleopho	0	0	0	0	0	2	0	0	0	0
lincRNA	-	6	6	7	21	27	27	0.608961	0.780906	0.857205	3.308173
lincRNA	HLA_compl	531	436	437	305	344	161	5.26175	5.540277	5.224745	4.691006
pseudogen	glyceraldeh	13	8	10	24	23	24	0.606538	0.478645	0.56294	1.738025
antisense	EFCAB14_a	5	5	1	2	3	4	0.4689	0.601298	0.113151	0.291119
pseudogen	MOB_kinas	0	0	1	0	0	0	0	0	0.105749	0
processed_	-	3	5	0	1	1	4	0.244644	0.522868	0	0.126574
pseudogen	-	19	14	4	0	0	1	1.504916	1.421988	0.382267	0
pseudogen	ubiquitin_l	0	2	0	0	0	0	0	0.520604	0	0
lincRNA	-	2	2	7	2	5	4	0.177278	0.227334	0.748636	0.27516
pseudogen	collagen_ty	20	18	27	12	18	10	0.359035	0.414371	0.584816	0.334364
protein_co	mitochond	60	50	47	99	203	95	13.59131	14.52411	12.84565	34.80773

protein_co	Uncharacte	0	0	0	1	3	3	0	0	0	0.093668
lincRNA	-	5	5	5	7	5	4	0.245755	0.315146	0.296517	0.534024
lincRNA	-	0	0	0	0	1	2	0	0	0	0
lincRNA	-	17	11	5	11	18	16	1.207773	1.002163	0.428602	1.212997
lincRNA	-	1	1	1	0	0	4	0.026477	0.033952	0.031946	0
antisense	-	69	44	51	23	43	20	2.44182	1.996763	2.177623	1.263347
protein_co	orosomucc	0	1	0	1	2	4	0	0.061357	0	0.074265
sense_intrc	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	1	0	1	0	0	0	0.031985	0	0.038592	0
pseudogen	lysophosph	1	0	0	1	2	1	0.067371	0	0	0.104569
antisense	KDM5B_an	84	71	48	144	165	86	5.265724	5.707507	3.630514	14.01108
pseudogen	-	0	0	0	2	0	0	0	0	0	0.41235
antisense	-	5	9	7	0	0	0	0.307677	0.710194	0.519722	0
pseudogen	-	0	0	1	0	2	1	0	0	0.220138	0
antisense	-	1	0	0	1	0	0	0.053773	0	0	0.083463
lincRNA	-	0	0	0	1	0	0	0	0	0	0.093668
protein_co	chromosor	770	537	580	833	957	817	21.84229	19.534	19.85105	36.67609
antisense	-	28	22	29	10	19	22	0.685956	0.691147	0.857205	0.38025
pseudogen	-	4	4	3	4	11	9	0.28548	0.366087	0.258336	0.443104
lincRNA	-	0	0	0	0	1	0	0	0	0	0
pseudogen	glyceraldeh	0	0	0	0	0	1	0	0	0	0
antisense	-	6	6	5	2	3	2	0.105253	0.134971	0.105828	0.054456
pseudogen	glucuronid	233	206	225	185	227	133	2.183328	2.475367	2.543863	2.6907
pseudogen	-	1	0	0	1	0	0	0.071153	0	0	0.11044
processed_	-	1	0	0	0	0	0	0.053711	0	0	0
antisense	-	1	2	2	3	4	1	0.106811	0.27394	0.257747	0.497356
lincRNA	-	36	46	34	37	55	42	1.281732	2.100205	1.460567	2.044687
pseudogen	-	1	0	0	0	1	0	0.037572	0	0	0
pseudogen	-	0	1	0	0	0	0	0	0.075826	0	0
pseudogen	-	0	1	1	0	0	0	0	0.099061	0.093205	0
pseudogen	adenosylm	0	1	0	1	2	0	0	0.065217	0	0.078937
processed_	-	4	3	1	0	0	0	0.091806	0.088296	0.027692	0
antisense	-	146	92	125	79	79	123	15.21321	12.2932	15.71542	12.7769
pseudogen	EF-hand_ca	0	0	0	2	0	0	0	0	0	0.314384
antisense	-	2	1	1	4	10	6	0.47847	0.306785	0.288651	1.485302
antisense	-	6	5	7	5	1	7	0.443055	0.473463	0.623667	0.573069
antisense	-	1	0	0	0	0	0	0.149808	0	0	0
lincRNA	-	2	4	0	0	1	0	0.15604	0.400198	0	0
pseudogen	-	0	0	0	1	1	0	0	0	0	0.264654
antisense	-	8	6	7	1	1	2	0.192567	0.185205	0.2033	0.037361
pseudogen	-	0	0	0	1	0	0	0	0	0	0.147926
antisense	-	1	0	0	3	3	5	0.119923	0	0	0.558413
pseudogen	-	0	0	0	18	19	23	0	0	0	5.038602
pseudogen	-	0	0	1	0	0	0	0	0	0.098392	0
pseudogen	-	1	0	0	11	19	13	0.020729	0	0	0.353925
pseudogen	-	1	0	1	0	0	1	0.076244	0	0.091993	0
sense_intrc	ITPKB_intr	1	0	0	0	0	0	0.062855	0	0	0
antisense	-	3	3	0	0	0	3	0.11616	0.148959	0	0
lincRNA	-	0	0	1	1	1	3	0	0	0.093823	0.120696
antisense	-	13	14	18	1	3	6	0.289995	0.400484	0.484471	0.034624
antisense	-	20	33	27	13	30	26	1.367056	2.892541	2.226733	1.379209
antisense	-	27	23	16	6	7	5	1.305186	1.425758	0.933204	0.450184
lincRNA	-	0	2	0	0	0	0	0	0.195544	0	0
pseudogen	-	0	0	3	3	0	4	0	0	0.499196	0.642175
pseudogen	chaperonir	98	79	79	112	133	191	3.494465	3.61236	3.398833	6.198736
pseudogen	chromodor	1	3	5	2	5	3	0.030991	0.119226	0.186965	0.096206
processed_	-	3	1	2	1	0	1	0.138455	0.059183	0.111369	0.071634
pseudogen	-	0	0	0	2	1	2	0	0	0	0.423138
processed_	-	0	0	1	0	0	0	0	0	0.033182	0
pseudogen	prothymos	16	15	9	6	7	7	2.809889	3.378078	1.907039	1.635501
pseudogen	cathepsin_	0	0	2	1	2	0	0	0	0.287916	0.18519
lincRNA	-	0	0	0	5	8	7	0	0	0	0.764494
lincRNA	-	3	2	9	2	0	0	0.239235	0.204523	0.865952	0.24755
lincRNA	-	2	4	0	7	8	9	0.265666	0.681357	0	1.443226
pseudogen	ADP-ribosy	3	0	1	0	0	0	0.36443	0	0.146569	0

processed_	-	21	22	29	14	18	8	0.527701	0.708926	0.879255	0.546044
antisense	-	16	6	5	3	5	0	1.190858	0.572665	0.449012	0.34657
lincRNA	-	0	0	0	0	0	1	0	0	0	0
antisense	thiosulfate_	17	15	15	23	11	15	0.828618	0.937575	0.882154	1.740058
antisense	-	9	12	5	3	15	10	0.206463	0.353013	0.138394	0.10682
pseudogen	-	1	0	5	0	4	1	0.065672	0	0.396187	0
pseudogen	-	0	0	0	0	1	1	0	0	0	0
pseudogen	SDA1_dom	7	13	14	19	17	8	0.103412	0.246278	0.249545	0.43567
antisense	-	11	19	9	15	17	9	1.065682	2.360467	1.052024	2.255572
protein_co	chromosor	1	0	3	0	0	0	0.06957	0	0.25182	0
pseudogen	-	0	0	2	0	0	0	0	0	0.285735	0
lincRNA	-	3	8	9	1	5	4	0.062326	0.213132	0.2256	0.032246
lincRNA	-	3	0	0	0	0	0	0.157879	0	0	0
processed_	-	10	7	8	2	2	2	0.905213	0.812565	0.873753	0.281003
protein_co	oligosaccha	841	553	566	297	335	225	70.29323	59.27233	57.07974	38.53048
pseudogen	-	14	5	13	5	15	5	0.905462	0.414688	1.014457	0.50193
pseudogen	-	0	1	0	0	0	1	0	0.040087	0	0
antisense	-	0	0	1	0	0	0	0	0	0.151271	0
lincRNA	-	0	0	0	0	0	3	0	0	0	0
sense_intrc	-	3	1	1	0	0	1	0.351675	0.150324	0.141439	0
antisense	-	11	13	13	15	28	10	0.380376	0.576466	0.542391	0.805086
antisense	-	0	4	1	10	5	4	0	0.605842	0.142508	1.833244
pseudogen	RAB11_fam	42	26	36	8	8	9	1.117696	0.887273	1.155913	0.330442
processed_	-	39	31	39	0	0	0	0.99875	1.018036	1.205049	0
sense_intrc	-	0	0	0	16	13	17	0	0	0	0.995279
pseudogen	thymosin_l	0	1	0	3	0	1	0	0.455529	0	1.654086
pseudogen	ribosomal_	0	1	1	1	0	0	0	0.098251	0.092444	0.118921
pseudogen	eukaryotic_	25	13	11	20	30	22	0.843953	0.56277	0.448042	1.047945
antisense	-	27	15	18	38	42	19	0.772912	0.550639	0.621709	1.68842
pseudogen	death_asso	0	0	1	0	1	1	0	0	0.110932	0
antisense	-	3	4	3	0	0	0	0.174097	0.297672	0.210058	0
pseudogen	-	8	3	2	1	1	0	0.216332	0.104031	0.065254	0.041972
lincRNA	-	5	2	1	0	0	0	0.45	0.230825	0.10859	0
pseudogen	-	3	2	2	0	0	0	0.129055	0.11033	0.103808	0
pseudogen	-	8	5	4	13	12	12	0.61901	0.49612	0.373436	1.561283
pseudogen	-	8	15	9	0	0	0	0.477252	1.147515	0.647811	0
pseudogen	-	0	0	0	0	2	4	0	0	0	0
lincRNA	-	2	3	5	4	7	1	0.171131	0.329178	0.5162	0.531239
lincRNA	-	0	0	1	2	1	0	0	0	0.172486	0.443779
lincRNA	-	5	1	1	6	5	2	0.330677	0.084809	0.079796	0.615908
lincRNA	-	1	4	5	1	0	0	0.057818	0.296571	0.348801	0.089741
protein_co	HDCMB45F	0	1	0	0	0	0	0	0.137283	0	0
lincRNA	-	2	0	0	3	3	5	0.113949	0	0	0.265297
lincRNA	-	0	0	1	1	0	0	0	0	0.133433	0.17165
antisense	KIAA1984_	9	8	7	1	4	11	0.176869	0.201609	0.16598	0.030503
antisense	ITPKB_anti	0	1	0	0	2	0	0	0.111765	0	0
lincRNA	-	4	3	1	78	85	27	0.074429	0.071583	0.022451	2.252708
pseudogen	-	1	0	0	0	0	0	0.117225	0	0	0
antisense	-	7	4	1	5	5	3	0.449015	0.329028	0.077395	0.49781
lincRNA	-	1	0	0	6	4	3	0.078807	0	0	0.733914
processed_	-	0	1	1	0	0	0	0	0.056566	0.053222	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	1	1	0	0	0	0	0.059055	0.07573	0	0
antisense	-	2	5	6	8	19	6	0.213136	0.683293	0.771484	1.323269
pseudogen	signal_pept	18	14	22	17	18	29	0.674138	0.672378	0.994138	0.988224
processed_	-	0	0	0	195	158	236	0	0	0	8.227282
protein_co	chromosor	316	245	257	994	1547	671	7.106593	7.065612	6.973575	34.69694
antisense	MACC1_ant	0	0	0	26	37	5	0	0	0	2.961306
pseudogen	-	0	0	0	1	1	0	0	0	0	0.098086
pseudogen	ribosomal_	1	2	0	0	0	0	0.300577	0.770895	0	0
antisense	-	2	2	1	1	6	3	0.117962	0.15127	0.071164	0.091547
antisense	-	0	0	0	4	1	4	0	0	0	0.522656
lincRNA	-	39	31	34	32	31	20	0.568629	0.579609	0.598124	0.724177
pseudogen	hexokinase	0	0	0	0	1	2	0	0	0	0
antisense	-	3	4	2	27	29	31	0.17897	0.306004	0.143958	2.50007

antisense	-	2	4	1	3	5	1	0.194162	0.497969	0.117134	0.452048
pseudogen	-	1	1	0	0	1	0	0.046106	0.059125	0	0
antisense	-	0	0	0	1	0	0	0	0	0	0.130899
lincRNA	-	0	1	0	0	0	0	0	0.137597	0	0
lincRNA	zinc_finger_	23	14	26	153	144	139	0.465058	0.363009	0.634309	4.801772
processed_	-	14	21	15	750	1296	1266	0.325625	0.626352	0.420949	27.07582
antisense	-	2	1	1	0	0	0	0.115209	0.07387	0.069503	0
pseudogen	-	14	7	9	0	2	3	2.303369	1.476872	1.786595	0
antisense	-	1	1	0	2	2	0	0.108042	0.138548	0	0.335391
antisense	HOX_transc	124	101	106	0	0	3	2.401637	2.508513	2.477077	0
lincRNA	-	4	1	3	5	4	4	0.362785	0.116305	0.328291	0.703867
pseudogen	FCF1_small	57	59	61	15	35	25	4.584444	6.085177	5.919564	1.872551
processed_	-	0	1	0	0	0	0	0	0.086642	0	0
lincRNA	-	0	0	0	58	73	39	0	0	0	20.59136
processed_	-	10	12	16	92	110	184	0.459256	0.706717	0.88659	6.558023
antisense	-	11	3	5	0	0	0	0.955167	0.334054	0.523847	0
pseudogen	-	4	3	10	1	3	5	0.207249	0.199325	0.625144	0.08042
pseudogen	-	3	1	1	0	0	0	0.299936	0.128209	0.12063	0
antisense	-	7	4	5	2	6	2	0.664433	0.486881	0.572627	0.294655
pseudogen	proteasom	23	10	15	16	11	3	1.583657	0.882963	1.246156	1.709951
pseudogen	-	1	0	0	2	0	0	0.174963	0	0	0.543133
TR_V_pseu	T_cell_rece	0	1	1	2	0	0	0	0.169858	0.159818	0.411185
protein_co	proline-rich	89	61	71	174	269	105	1.28367	1.128243	1.235577	3.89532
antisense	TTC3_antis	0	2	5	0	0	0	0	0.109626	0.257865	0
lincRNA	-	1	0	1	0	1	1	0.056156	0	0.067755	0
antisense	-	0	3	2	0	2	0	0	0.362957	0.227668	0
lincRNA	-	3	1	3	0	0	0	0.242953	0.103851	0.293137	0
pseudogen	-	1	0	0	0	0	0	0.239235	0	0	0
antisense	-	0	0	2	7	16	2	0	0	0.17989	0.80995
lincRNA	-	2	1	1	1	1	0	0.1563	0.100216	0.094293	0.1213
protein_co	ADP-ribosy	3	4	7	1	6	3	0.064028	0.109476	0.180259	0.033127
lincRNA	-	0	0	0	5	3	1	0	0	0	0.202054
antisense	TNKS2_anti	9	2	2	4	2	6	0.692956	0.197471	0.185798	0.478028
pseudogen	-	0	0	1	4	1	0	0	0	0.163987	0.843824
antisense	long_interg	1	0	1	4	13	6	0.086833	0	0.104769	0.53911
processed_	-	10	14	5	58	70	63	0.514145	0.923045	0.310173	4.62854
lincRNA	-	3	0	0	0	1	0	0.355227	0	0	0
protein_co	dihydrofola	1063	833	883	1178	1479	2107	12.72507	12.78737	12.75368	21.88782
lincRNA	-	0	0	0	0	0	2	0	0	0	0
lincRNA	-	0	0	0	0	2	0	0	0	0	0
antisense	SRGAP3_ar	0	0	0	1	0	0	0	0	0	0.061211
protein_co	suppressor_	1	2	1	9	7	6	0.05119	0.131288	0.061764	0.715085
pseudogen	-	0	0	1	1	1	2	0	0	0.114525	0.147328
pseudogen	-	0	0	2	0	1	2	0	0	0.137821	0
pseudogen	-	2	0	0	0	1	1	1.077931	0	0	0
lincRNA	-	0	0	0	0	1	1	0	0	0	0
antisense	-	0	0	0	2	1	1	0	0	0	0.234019
antisense	-	2	1	2	0	0	0	0.09668	0.061989	0.116651	0
processed_	-	0	2	4	0	0	1	0	0.069878	0.131494	0
pseudogen	ribosomal_	0	0	0	0	1	0	0	0	0	0
pseudogen	cathepsin_	0	0	0	0	1	0	0	0	0	0
antisense	-	9	15	18	7	10	7	0.208092	0.444747	0.502149	0.251212
pseudogen	eukaryotic_	0	0	0	2	0	0	0	0	0	0.081137
antisense	-	12	8	10	0	1	0	1.179623	1.008466	1.186069	0
pseudogen	ribosomal_	1	0	0	0	1	0	0.063279	0	0	0
protein_co	Uncharacte	4	2	1	1	0	0	0.408628	0.262003	0.123258	0.158562
pseudogen	-	0	0	0	1	0	0	0	0	0	0.245878
lincRNA	-	0	0	0	0	2	0	0	0	0	0
processed_	-	8	3	7	10	12	4	0.165836	0.079748	0.175079	0.32175
antisense	-	2	2	2	3	4	3	0.117079	0.150137	0.141262	0.272584
pseudogen	mitochond	39	30	46	44	52	62	1.037272	1.023196	1.476162	1.816399
lincRNA	-	3	1	1	5	4	4	0.046968	0.020077	0.01889	0.121502
antisense	NLGN4Y_ar	3	3	0	4	3	2	0.264417	0.339078	0	0.547217
processed_	HLA_compl	1	1	1	1	0	0	0.023682	0.030369	0.028573	0.036757
lincRNA	THRB_antis	1	0	1	2	6	5	0.038561	0	0.046526	0.119704

lincRNA	-	1	2	3	0	1	2	0.05943	0.15242	0.215116	0
processed_	-	187	164	151	95	110	110	1.327344	1.492777	1.293203	1.046637
pseudogen	family_witl	1	1	0	7	5	7	0.092852	0.119069	0	1.008829
antisense	-	51	29	32	56	51	17	2.554905	1.862996	1.934205	4.354347
antisense	-	0	0	0	0	0	1	0	0	0	0
protein_co	Uncharacte	0	1	2	0	0	1	0	0.089479	0.168379	0
pseudogen	mitochond	0	1	0	1	0	0	0	0.26964	0	0.326367
pseudogen	high_mobil	7	1	5	5	2	2	0.63858	0.116984	0.550345	0.707975
antisense	-	1	0	0	1	2	4	0.042589	0	0	0.066103
antisense	-	0	1	0	0	3	0	0	0.087145	0	0
pseudogen	adenylate_	7	5	4	1	10	6	0.632428	0.579285	0.436035	0.140231
sense_intro	BACH1_int	2	3	1	2	4	2	0.116352	0.223808	0.070193	0.180595
pseudogen	-	3	6	2	1	1	3	0.051717	0.132639	0.0416	0.026757
processed_	MIR4500_h	3	6	3	1	3	0	0.084234	0.216035	0.101633	0.043581
lincRNA	-	0	0	1	1	0	2	0	0	0.153321	0.197235
pseudogen	-	3	1	0	0	0	1	0.913442	0.390453	0	0
pseudogen	-	4	6	6	11	5	2	0.083732	0.161062	0.151542	0.357401
pseudogen	-	0	0	0	2	0	0	0	0	0	0.485199
pseudogen	-	1	0	0	0	1	0	0.181043	0	0	0
protein_co	Uncharacte	60	36	54	16	16	6	1.6938	1.303235	1.8393	0.70107
antisense	-	7	2	3	2	2	3	0.486267	0.178162	0.251447	0.215644
antisense	-	4	5	3	6	12	3	0.338556	0.542688	0.306366	0.788229
antisense	-	23	25	20	5	4	2	2.906928	4.051873	3.049892	0.98086
lincRNA	-	3	3	1	0	0	1	0.243374	0.312092	0.097881	0
lincRNA	-	2	0	0	0	0	0	0.026313	0	0	0
antisense	-	0	0	0	1	3	0	0	0	0	0.064693
antisense	-	1	0	0	0	1	1	0.206564	0	0	0
pseudogen	myosin_lig	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	1	0	0	0	0	0	0.287185	0
pseudogen	-	3	0	1	0	0	0	0.389668	0	0.156719	0
lincRNA	-	2	1	2	0	0	0	0.219112	0.14049	0.264372	0
processed_	-	5	7	5	2	6	7	0.333974	0.599585	0.402959	0.20735
pseudogen	-	1	0	0	1	3	0	0.145621	0	0	0.226024
antisense	-	6	2	1	3	1	1	0.673062	0.287702	0.135348	0.522343
lincRNA	-	9	1	2	7	3	2	1.361323	0.193967	0.365003	1.643415
pseudogen	eukaryotic_	2	1	0	0	1	1	0.104665	0.067109	0	0
lincRNA	-	1	0	0	0	0	0	0.05365	0	0	0
processed_	UBAC2_ant	18	14	19	27	19	34	0.494736	0.493445	0.630091	1.151849
pseudogen	-	0	1	0	0	0	0	0	0.081366	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	RAS_p21_p	15	13	13	30	42	8	0.220279	0.244813	0.230342	0.683806
lincRNA	-	7	5	0	6	9	8	0.727783	0.666627	0	0.968246
pseudogen	-	5	5	7	13	8	4	0.228955	0.293603	0.386747	0.923962
antisense	-	0	0	0	1	0	0	0	0	0	0.065627
processed_	-	0	0	0	0	1	0	0	0	0	0
protein_co	-	7	3	2	5	9	2	0.25346	0.139297	0.087375	0.281003
processed_	-	16	11	11	7	5	6	0.40885	0.360451	0.339145	0.277634
pseudogen	-	0	2	1	1	3	1	0	0.264307	0.124342	0.159956
pseudogen	MT-CO1_ps	1	0	0	0	0	0	0.244219	0	0	0
processed_	-	2	2	4	2	3	0	0.144722	0.185586	0.349232	0.224629
processed_	-	0	1	1	0	0	0	0	0.032001	0.030109	0
sense_intro	AKT3_intro	5	5	6	2	3	2	0.453482	0.581526	0.656582	0.281547
pseudogen	ubiquitin_	0	0	0	0	1	0	0	0	0	0
antisense	-	1	0	0	4	1	10	0.088975	0	0	0.552408
pseudogen	solute_carr	0	0	0	0	2	0	0	0	0	0
pseudogen	UDP_glucu	0	0	0	1	0	0	0	0	0	0.085322
lincRNA	-	1	0	1	0	0	0	0.15224	0	0.183687	0
lincRNA	-	4	0	2	0	0	0	0.28548	0	0.172224	0
lincRNA	-	1	2	0	1	5	4	0.19061	0.48886	0	0.295853
pseudogen	-	0	0	1	1	1	1	0	0	0.254845	0.327837
processed_	-	1	2	0	70	61	48	0.041904	0.107471	0	4.552803
pseudogen	olfactory_r	4	6	7	25	33	16	0.064387	0.123851	0.135952	0.624612
lincRNA	-	0	0	0	0	1	0	0	0	0	0
antisense	HLA_compl	0	0	0	1	1	1	0	0	0	0.119311

lincRNA	-	2	2	1	0	0	0	0.065125	0.083514	0.039289	0
sense_intrc	-	3	0	0	2	2	1	0.076953	0	0	0.079628
antisense	-	0	0	1	1	2	2	0	0	0.208766	0.26856
pseudogen	-	1	1	2	0	0	2	0.149808	0.192108	0.361505	0
pseudogen	SMT3_supp	1	1	1	0	0	0	0.163951	0.210244	0.197816	0
pseudogen	-	0	0	0	1	0	1	0	0	0	0.147926
lincRNA	-	0	0	0	1	3	0	0	0	0	0.048747
pseudogen	-	2	2	0	6	11	2	0.111246	0.142657	0	0.518006
pseudogen	-	0	1	0	0	0	0	0	0.18732	0	0
pseudogen	-	0	0	0	3	1	4	0	0	0	0.365116
pseudogen	-	0	1	0	0	0	0	0	0.061798	0	0
antisense	-	1	4	0	0	1	0	0.102604	0.5263	0	0
antisense	-	47	33	43	54	69	45	5.310436	4.781405	5.86204	9.470143
pseudogen	-	0	1	0	0	0	0	0	0.041412	0	0
pseudogen	MT-ND1_ps	1	0	0	4	0	3	0.049672	0	0	0.308389
pseudogen	-	286	225	214	83	128	115	5.205957	5.25202	4.699984	2.345001
pseudogen	septin_7_p	0	0	0	1	1	1	0	0	0	0.093909
pseudogen	actin_beta_	1	0	1	0	0	0	0.043058	0	0.051952	0
pseudogen	exosome_c	3	0	1	0	1	2	0.28134	0	0.113151	0
pseudogen	transmemb	0	0	1	0	0	0	0	0	0.04699	0
pseudogen	-	8	4	4	1	10	7	0.458582	0.294033	0.276653	0.088973
pseudogen	ribosomal_	0	2	0	1	0	0	0	0.345574	0	0.209137
lincRNA	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
antisense	-	0	0	0	0	2	2	0	0	0	0
pseudogen	-	2	1	4	1	4	1	0.070353	0.045109	0.169769	0.054599
pseudogen	aldo-keto_r	7	8	6	30	33	19	0.358721	0.525725	0.370987	2.386223
processed_	-	2	1	2	2	1	0	0.022823	0.014634	0.027537	0.035425
pseudogen	-	0	2	0	0	0	2	0	0.194595	0	0
pseudogen	-	1	6	4	2	0	0	0.075144	0.578171	0.362663	0.233269
pseudogen	-	1	0	0	1	2	0	0.137105	0	0	0.212806
processed_	-	3	3	2	7	5	6	0.164912	0.211476	0.132651	0.597255
pseudogen	small_proli	0	0	0	1	0	0	0	0	0	0.332328
antisense	-	26	19	26	27	30	28	0.586407	0.549527	0.707534	0.945192
antisense	-	21	15	16	33	43	29	0.702848	0.643788	0.646116	1.714299
antisense	-	0	2	0	0	1	0	0	0.27394	0	0
pseudogen	high_mobil	1	0	0	2	0	0	0.151258	0	0	0.469547
pseudogen	deoxyuridi	2	0	0	0	0	0	0.199532	0	0	0
pseudogen	-	0	0	0	2	4	0	0	0	0	0.042774
pseudogen	-	1	0	3	1	1	1	0.274211	0	0.992553	0.425613
processed_	-	11	6	8	0	0	1	0.365032	0.255328	0.320314	0
pseudogen	-	3	2	3	32	45	40	0.191649	0.163841	0.231235	3.172961
pseudogen	-	1	2	2	0	3	3	0.31053	0.796421	0.749344	0
antisense	-	3	0	2	1	2	3	0.265917	0	0.213896	0.13758
pseudogen	thymopoie	0	0	0	0	0	1	0	0	0	0
antisense	-	3	2	6	1	0	0	0.086673	0.074097	0.209152	0.044843
pseudogen	olfactory_r	0	2	2	0	0	0	0	0.119542	0.112476	0
pseudogen	-	0	1	0	0	0	0	0	0.172787	0	0
pseudogen	calmodulin	21	26	20	7	7	9	2.237933	3.553124	2.571614	1.15786
antisense	-	1	0	0	0	4	1	0.026703	0	0	0
pseudogen	abhydrolas	1	0	0	1	2	0	0.051584	0	0	0.080066
lincRNA	-	359	263	220	2	1	2	24.15139	22.68886	17.8574	0.208837
antisense	-	0	4	0	1	0	0	0	0.54171	0	0.163918
antisense	MED4_anti	2	0	0	2	2	1	0.173026	0	0	0.26856
pseudogen	-	0	0	1	0	1	0	0	0	0.229982	0
antisense	-	0	0	1	21	22	7	0	0	0.061831	1.670356
protein_co	ribosomal_	6639	5162	5484	8857	8638	8166	445.3545	444.0487	443.8628	922.1898
lincRNA	-	2	1	0	0	0	1	0.151994	0.097455	0	0
pseudogen	-	18	17	10	41	28	25	2.861086	3.465107	1.917814	10.11516
pseudogen	-	0	0	0	0	1	0	0	0	0	0
sense_intrc	AGBL5_intr	10	22	25	5	5	6	1.383186	3.902229	4.172235	1.073448
antisense	VIM_antise	35	19	24	6	9	5	1.214767	0.845645	1.005042	0.323226
antisense	-	4	12	7	8	9	9	0.085293	0.32813	0.180095	0.264774
lincRNA	-	0	1	0	2	0	0	0	0.129034	0	0.31236
pseudogen	eukaryotic_	21	18	15	34	51	55	0.809778	0.890079	0.697889	2.034962

lincRNA	-	0	0	0	1	0	1	0	0	0	0.107345
pseudogen	crystallin_g	0	0	0	56	84	42	0	0	0	7.71907
antisense	-	0	0	0	0	1	0	0	0	0	0
sense_intrc	ANKRD10_i	106	119	140	138	156	112	13.07985	18.83012	20.84361	26.43056
processed_	EPHA1_ant	6	1	1	108	100	79	0.056066	0.011983	0.011275	1.566405
antisense	KCNQ5_ant	1	1	0	0	1	1	0.042589	0.054614	0	0
pseudogen	-	0	0	0	1	1	0	0	0	0	0.192539
lincRNA	-	5	1	5	0	0	0	0.667949	0.17131	0.805919	0
antisense	-	9	3	8	1	2	0	0.514647	0.219987	0.551956	0.088756
pseudogen	nucleosom	0	2	0	1	0	0	0	0.110431	0	0.066832
TR_C_gene	T_cell_rece	501	421	407	25	41	50	24.11899	25.99039	23.64089	1.868065
pseudogen	-	1	0	0	0	1	0	0.197017	0	0	0
pseudogen	-	0	3	2	0	1	0	0	0.248813	0.15607	0
processed_	-	0	0	1	0	2	0	0	0	0.033596	0
lincRNA	-	99	86	99	36	56	41	0.88438	0.985171	1.067056	0.499157
pseudogen	ADAM_met	68	58	65	77	109	162	1.222592	1.337242	1.410049	2.14879
antisense	-	1	3	0	0	1	0	0.084183	0.323859	0	0
processed_	-	10	2	3	95	116	77	0.134125	0.034399	0.048549	1.977712
antisense	-	1	3	1	1	2	0	0.109813	0.422458	0.132495	0.170444
TR_V_gene	T_cell_rece	1	0	0	0	0	0	0.121477	0	0	0
sense_intrc	-	0	1	0	0	3	0	0	0.138868	0	0
pseudogen	serpin_pep	1	3	2	4	5	2	0.037542	0.144427	0.090593	0.233082
lincRNA	-	0	0	0	2	0	0	0	0	0	0.22815
pseudogen	-	85	53	63	159	233	103	1.578476	1.26213	1.411587	4.582966
lincRNA	long_interg	6	8	11	0	8	8	0.116352	0.198941	0.257374	0
pseudogen	-	0	0	0	14	10	1	0	0	0	1.36037
pseudogen	-	1	0	0	0	1	0	0.050203	0	0	0
pseudogen	keratin_18_	2	2	1	2	3	3	0.072811	0.093369	0.043925	0.113012
antisense	long_interg	1	1	0	0	0	0	0.078543	0.10072	0	0
pseudogen	metallothi	0	0	0	0	1	0	0	0	0	0
lincRNA	-	3	1	4	0	0	0	0.325625	0.139189	0.523847	0
pseudogen	-	1	0	1	1	0	3	0.192963	0	0.232821	0.299505
lincRNA	testis-speci	2	5	1	2	2	0	0.057604	0.184674	0.034752	0.08941
pseudogen	high_mobil	0	0	0	3	3	0	0	0	0	0.720592
pseudogen	protein_ph	0	0	0	0	0	1	0	0	0	0
protein_co	long_interg	0	0	1	0	0	0	0	0	0.03875	0
pseudogen	polyribonu	0	0	1	0	0	0	0	0	0.024439	0
lincRNA	-	0	0	0	12	8	4	0	0	0	0.30828
lincRNA	-	45	45	31	0	0	0	3.211645	4.118479	2.669468	0
pseudogen	WW_doma	0	1	0	0	0	0	0	0.077989	0	0
pseudogen	heterogene	0	1	0	2	1	1	0	0.06244	0	0.151152
pseudogen	suppressio	0	0	0	1	8	2	0	0	0	0.066648
pseudogen	leucine_ric	0	0	0	4	9	17	0	0	0	0.161643
antisense	-	1	2	1	2	1	0	0.085722	0.219853	0.103429	0.266105
processed_	-	2	0	1	3	1	0	0.207478	0	0.125167	0.483052
processed_	-	0	0	0	1	3	2	0	0	0	0.17708
pseudogen	-	57	29	51	85	93	95	5.835657	3.807345	6.299892	13.50717
sense_intrc	REV3L_intr	0	1	0	0	0	0	0	0.157408	0	0
antisense	-	5	2	1	1	0	1	0.773763	0.396896	0.186718	0.240197
lincRNA	-	0	2	1	4	0	1	0	0.30216	0.14215	0.731455
lincRNA	-	0	3	2	0	0	0	0	0.949418	0.595532	0
processed_	-	0	0	0	0	1	0	0	0	0	0
pseudogen	tubulin_be	3	13	8	18	11	16	0.193494	1.075223	0.622564	1.801976
pseudogen	-	0	0	0	0	2	0	0	0	0	0
lincRNA	-	2	2	1	0	0	0	0.167764	0.215133	0.101208	0
pseudogen	keratin_8_p	108	98	68	70	68	68	3.624998	4.218125	2.753854	3.646805
lincRNA	-	0	0	0	2	2	4	0	0	0	0.225324
lincRNA	-	1	0	0	0	0	2	0.064145	0	0	0
pseudogen	-	1	0	0	0	0	0	0.12504	0	0	0
sense_intrc	ACAP2_intr	13	9	7	9	7	5	0.883435	0.784302	0.573954	0.949302
pseudogen	-	0	0	1	4	6	5	0	0	0.104383	0.53712
antisense	-	1	0	0	2	1	2	0.176943	0	0	0.549282
sense_intrc	-	3	2	1	1	1	0	0.290641	0.24847	0.116892	0.150371
pseudogen	piggyBac_t	3	1	3	0	0	0	0.250303	0.106993	0.302004	0
antisense	-	17	27	27	3	1	7	0.820093	1.670272	1.571542	0.224629

antisense	-	0	0	0	36	36	40	0	0	0	5.901065
pseudogen	-	13	15	13	31	50	45	0.893798	1.322503	1.078419	3.308173
antisense	HYI_antiser	5	0	6	0	0	1	0.430184	0	0.62285	0
pseudogen	actin_gamr	0	1	0	0	0	0	0	0.022622	0	0
antisense	LRRC3_anti	1	0	0	3	5	1	0.059809	0	0	0.278494
pseudogen	-	35	34	46	31	35	22	0.951944	1.185854	1.509555	1.308686
pseudogen	protein_ph	1	0	0	0	0	0	0.077761	0	0	0
processed_	-	2	1	2	2	1	0	0.177951	0.114098	0.214708	0.276204
pseudogen	-	0	0	1	0	0	0	0	0	0.096053	0
lincRNA	long_interg	4	1	6	0	0	0	0.116714	0.037417	0.211234	0
pseudogen	capicua_tra	3	5	2	2	2	10	0.057299	0.122464	0.04609	0.059291
antisense	-	0	0	2	1	1	2	0	0	0.197816	0.127237
lincRNA	-	1	0	0	0	1	0	0.12372	0	0	0
pseudogen	olfactory_r	0	0	0	0	1	0	0	0	0	0
lincRNA	-	4	1	1	0	2	2	0.272616	0.087398	0.082232	0
pseudogen	MHC_class_	2	0	0	0	1	0	0.115351	0	0	0
antisense	-	2	3	2	0	0	1	0.182451	0.350952	0.220138	0
pseudogen	-	3	0	3	3	0	0	0.316112	0	0.381408	0.49065
antisense	-	12	7	10	0	3	1	0.672258	0.502878	0.675932	0
antisense	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	2	1	0	0	0	0	0.15949	0.102262	0	0
lincRNA	long_interg	8	2	0	6	6	9	0.13971	0.044789	0	0.162636
antisense	-	0	1	0	0	0	0	0	0.110533	0	0
pseudogen	-	1	1	0	2	1	0	0.289445	0.371172	0	0.898516
pseudogen	-	8	8	6	11	15	4	1.524879	1.955441	1.37989	3.254381
antisense	KCNQ1_ant	0	0	0	0	3	2	0	0	0	0
pseudogen	nucleopho	0	0	1	0	3	0	0	0	0.066248	0
pseudogen	Ral_GTPase	17	8	6	13	9	10	0.127909	0.077188	0.054469	0.151819
pseudogen	-	3	5	2	1	1	0	0.225072	0.481038	0.181042	0.116448
pseudogen	ankyrin_rep	3	1	1	1	0	0	0.148074	0.063295	0.059553	0.07661
antisense	-	23	24	25	2	4	11	1.475336	1.974166	1.934867	0.199124
lincRNA	-	0	0	0	2	2	2	0	0	0	0.056179
lincRNA	-	0	1	0	0	0	0	0	0.121474	0	0
pseudogen	-	1	0	0	0	0	0	0.183882	0	0	0
lincRNA	-	0	0	0	0	2	0	0	0	0	0
antisense	-	2	3	2	2	3	1	0.199957	0.384626	0.24126	0.310362
pseudogen	-	8	3	8	9	10	9	0.858398	0.41279	1.035707	1.498898
antisense	-	0	0	0	0	1	0	0	0	0	0
protein_co	serine_pep	3	3	0	5	2	2	0.319705	0.409976	0	0.827043
pseudogen	ribosomal_	1	2	3	3	5	0	0.094727	0.242949	0.342882	0.44109
pseudogen	ring_finger_	1	0	1	2	9	7	0.027911	0	0.033676	0.086643
lincRNA	-	1	0	0	0	0	0	0.089485	0	0	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
antisense	-	9	6	6	6	6	8	1.834827	1.568603	1.475883	1.898604
pseudogen	regulator_c	3	0	0	0	1	0	0.254376	0	0	0
protein_co	protein_ass	2	2	1	5	3	0	0.044657	0.057266	0.026941	0.173285
lincRNA	-	0	0	0	26	23	23	0	0	0	0.725844
lincRNA	-	0	0	1	0	0	0	0	0	0.129168	0
antisense	ALG13_ant	9	10	4	3	6	2	2.164155	3.083579	1.160523	1.119689
pseudogen	ATP_syntha	2	0	0	0	0	0	0.070564	0	0	0
antisense	-	2	0	1	1	0	0	0.127419	0	0.076869	0.098886
pseudogen	-	0	0	0	5	7	14	0	0	0	0.321466
pseudogen	-	0	0	1	0	2	0	0	0	0.182502	0
antisense	-	0	0	1	0	0	0	0	0	0.033066	0
antisense	-	1	1	0	3	2	3	0.063109	0.080928	0	0.293862
pseudogen	-	1	0	0	2	0	0	0.098302	0	0	0.305156
pseudogen	-	0	2	0	0	0	0	0	0.163396	0	0
pseudogen	-	0	0	1	0	1	0	0	0	0.505138	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
sense_intro	-	1	0	8	1	2	4	0.186071	0	1.796048	0.288809
pseudogen	-	18	9	11	6	6	18	2.104789	1.349547	1.551947	1.088975
lincRNA	long_interg	0	0	0	0	0	1	0	0	0	0
sense_intro	MYCBP2_ar	2	1	0	0	0	1	0.219112	0.14049	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
processed_	-	0	0	0	11	7	0	0	0	0	0.500987

antisense	-	0	0	0	0	0	2	0	0	0	0
pseudogen	-	2	0	0	0	0	1	0.102716	0	0	0
antisense	-	1	1	0	7	19	3	0.069985	0.089746	0	0.760386
lincRNA	-	0	1	0	2	5	7	0	0.106802	0	0.258543
antisense	-	11	12	10	3	11	13	1.169592	1.636185	1.282891	0.495101
protein_co	NK1_home	0	0	0	80	116	199	0	0	0	3.685053
lincRNA	-	0	0	0	39	43	47	0	0	0	12.50402
lincRNA	-	0	0	0	1	0	0	0	0	0	0.035641
lincRNA	long_interg	0	0	0	1	0	0	0	0	0	0.156853
lincRNA	SACS_antis	5	0	3	3	2	8	0.114702	0	0.083036	0.10682
processed_	-	1	3	2	0	0	0	0.021179	0.081477	0.051107	0
lincRNA	-	0	0	0	0	0	2	0	0	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	1	0	0	0	0	0	0.028035	0
antisense	-	0	2	0	0	0	1	0	0.236266	0	0
pseudogen	ribosomal_	1	0	0	3	0	0	0.099343	0	0	0.462583
sense_intrc	-	1	1	0	5	0	2	0.069985	0.089746	0	0.543133
lincRNA	-	0	0	0	2	0	0	0	0	0	0.344113
processed_	ACVR2B_ar	8	11	11	69	78	44	0.149035	0.262784	0.247251	1.995155
pseudogen	msh_home	0	0	0	15	21	5	0	0	0	1.412286
antisense	-	1	4	2	2	2	0	0.069673	0.357384	0.168129	0.216285
pseudogen	succinate-C	1	0	0	3	0	0	0.034554	0	0	0.160899
pseudogen	peroxiredo	8	6	4	5	5	7	0.491638	0.472842	0.296595	0.476932
pseudogen	-	3	4	1	2	6	0	0.556008	0.950669	0.223619	0.575334
pseudogen	-	0	0	0	0	1	2	0	0	0	0
pseudogen	golgin_A2_	0	1	0	0	0	0	0	0.077387	0	0
lincRNA	-	0	0	0	0	2	1	0	0	0	0
lincRNA	-	0	0	0	3	6	1	0	0	0	0.517392
lincRNA	-	0	0	0	0	1	1	0	0	0	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	2	0	0	0	0	0	0.0447	0	0	0
pseudogen	methyltran	1	0	0	0	2	0	0.073843	0	0	0
lincRNA	-	0	1	1	0	0	0	0	0.12959	0.12193	0
lincRNA	-	6	4	1	0	0	0	0.528835	0.452104	0.106345	0
pseudogen	-	0	2	0	0	0	1	0	1.26589	0	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	5	4	1	0	0	0	0.45791	0.469764	0.110499	0
pseudogen	keratin_8_p	0	0	0	4	3	1	0	0	0	0.195251
antisense	HOXB_clust	60	43	58	134	140	186	2.20486	2.026318	2.571614	7.64302
pseudogen	ribosomal_	86	65	60	91	101	108	3.140609	3.043954	2.643715	5.15807
protein_co	nicotinami	9	10	4	11	18	4	0.167864	0.23918	0.090017	0.318448
lincRNA	long_interg	121	71	89	2	3	2	2.010522	1.512833	1.784274	0.05158
lincRNA	-	0	1	0	2	5	0	0	0.411848	0	0.996984
lincRNA	-	6	4	5	1	4	1	0.268454	0.229503	0.269921	0.069446
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	3	7	6	4	5	2	0.321165	0.960978	0.775007	0.664656
lincRNA	-	1	0	0	0	1	0	0.082991	0	0	0
antisense	MAST4_ant	6	0	0	8	6	4	0.362085	0	0	0.749342
pseudogen	plakophilin	0	0	0	1	0	3	0	0	0	0.033726
lincRNA	-	0	0	1	0	0	1	0	0	0.179605	0
pseudogen	-	0	1	0	0	0	0	0	0.134519	0	0
pseudogen	-	1	2	2	4	4	4	0.0851	0.218257	0.205356	0.528347
pseudogen	-	0	0	1	0	0	0	0	0	0.156719	0
pseudogen	asparagine_	0	0	0	0	3	0	0	0	0	0
antisense	-	4	2	1	2	2	0	0.083286	0.053401	0.025122	0.064636
antisense	-	1	5	1	0	1	5	0.155781	0.998834	0.187958	0
sense_intrc	SOS1_intro	20	34	13	36	34	19	0.787406	1.716552	0.617533	2.199893
lincRNA	-	0	0	0	3	0	1	0	0	0	0.389197
pseudogen	-	0	0	1	1	0	0	0	0	0.048856	0.06285
pseudogen	lysyl-tRNA_	0	0	0	0	1	1	0	0	0	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	2	0	0	1	0	0	0.192963	0	0	0.149753
processed_	-	0	0	0	1	6	0	0	0	0	0.044216
lincRNA	-	0	0	1	0	0	0	0	0	0.097544	0
sense_intrc	-	0	0	0	0	0	1	0	0	0	0

pseudogen	eukaryotic_	19	6	16	2	2	2	0.271371	0.109893	0.275726	0.044337
antisense	-	0	0	0	2	4	1	0	0	0	0.074455
lincRNA	-	0	0	0	0	1	3	0	0	0	0
lincRNA	-	1	3	1	0	0	0	0.050203	0.193136	0.060573	0
pseudogen	-	1	0	0	3	3	0	0.075265	0	0	0.350465
antisense	-	0	1	0	1	4	3	0	0.116984	0	0.141595
processed_	-	3	3	0	2	0	3	0.062437	0.080066	0	0.064607
antisense	-	15	12	10	7	8	2	1.465313	1.503245	1.178656	1.061372
protein_co	Uncharacte	62	66	60	54	38	26	2.111243	2.882038	2.465164	2.85411
antisense	-	1	0	0	1	0	1	0.149331	0	0	0.231783
pseudogen	-	2	0	0	0	1	3	0.197848	0	0	0
antisense	-	7	4	5	0	0	0	0.105778	0.077512	0.091163	0
pseudogen	-	2	0	0	0	0	0	0.198266	0	0	0
antisense	-	0	0	2	1	0	2	0	0	0.227668	0.146438
antisense	-	1	3	3	0	0	0	0.082263	0.316473	0.297766	0
pseudogen	chemokine	1	0	1	0	0	0	0.018734	0	0.022603	0
pseudogen	-	0	0	0	3	1	0	0	0	0	0.277433
pseudogen	dynein_ligh	0	0	1	0	2	3	0	0	0.191781	0
pseudogen	mitochond	0	1	0	4	9	4	0	0.102088	0	0.49426
processed_	-	2	0	0	0	0	0	0.048616	0	0	0
TR_V_gene	T_cell_rece	0	0	0	1	0	0	0	0	0	0.184253
antisense	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	1	0	0	0	0	2	0.171758	0	0	0
antisense	UBE2Q1_ar	1	0	0	2	2	1	0.108542	0	0	0.336944
antisense	-	0	0	0	1	0	0	0	0	0	0.196702
pseudogen	small_nucl	1	1	1	0	1	0	0.186813	0.239561	0.2254	0
pseudogen	-	23	26	23	24	29	17	2.537577	3.678529	3.061733	4.109918
lincRNA	-	0	1	0	0	0	0	0	0.145241	0	0
pseudogen	-	0	1	0	0	0	0	0	0.05547	0	0
pseudogen	-	2	1	0	0	1	0	0.379676	0.24344	0	0
antisense	-	0	0	0	1	0	0	0	0	0	0.103088
pseudogen	-	0	0	0	1	0	0	0	0	0	0.056815
pseudogen	ATPase_am	0	1	0	0	0	0	0	0.038348	0	0
pseudogen	ribosomal_	0	0	0	4	2	1	0	0	0	0.673887
lincRNA	X_inactive_	0	0	0	2	0	0	0	0	0	0.007552
pseudogen	-	1	3	4	4	2	2	0.034377	0.13225	0.165911	0.213431
protein_co	zinc_finger_	142	129	147	71	78	64	2.656976	3.095269	3.318675	2.061998
pseudogen	cyclin_B1_i	2	0	0	1	0	0	0.111776	0	0	0.086746
pseudogen	DEAD/H_(A	13	6	12	12	11	10	0.253988	0.150324	0.282878	0.363899
antisense	-	3	2	2	2	1	1	0.290641	0.24847	0.233783	0.300743
pseudogen	-	0	2	4	0	6	0	0	0.305227	0.574371	0
antisense	-	0	1	0	0	0	0	0	0.077989	0	0
pseudogen	-	0	1	0	2	0	0	0	0.155374	0	0.376123
antisense	-	0	0	0	4	1	1	0	0	0	0.586934
protein_co	PET100_ho	11	14	8	8	10	21	0.284182	0.463811	0.249369	0.320793
pseudogen	KH-type_sp	7	4	2	2	2	3	0.185651	0.13604	0.063999	0.08233
pseudogen	-	0	0	0	0	2	0	0	0	0	0
antisense	-	5	2	4	1	3	2	0.139222	0.071413	0.134384	0.043218
antisense	-	13	9	15	4	4	2	0.31053	0.275684	0.432314	0.148303
antisense	-	0	0	0	0	0	1	0	0	0	0
antisense	EMX2_opp	0	0	0	0	0	2	0	0	0	0
antisense	-	19	10	7	5	8	7	1.137817	0.767941	0.505784	0.46475
processed_	-	60	75	59	46	83	60	0.836824	1.341385	0.992848	0.995797
pseudogen	-	1	2	0	1	0	1	0.054523	0.139837	0	0.084628
antisense	-	7	1	8	0	0	0	0.495816	0.090831	0.683692	0
lincRNA	-	0	1	0	0	0	0	0	0.07324	0	0
antisense	-	0	0	3	0	1	1	0	0	0.289636	0
pseudogen	-	8	5	7	2	6	3	0.644536	0.516579	0.680461	0.250102
antisense	STEAP3_ant	8	3	12	3	3	2	0.116569	0.056056	0.210971	0.067849
antisense	-	2	0	0	0	1	1	0.230418	0	0	0
pseudogen	-	2	2	0	2	5	0	0.200814	0.257515	0	0.311691
pseudogen	-	0	0	0	1	0	0	0	0	0	0.081775
antisense	OGFR_antis	8	9	14	25	24	5	0.561557	0.810132	1.185714	2.723795
antisense	-	112	85	116	36	55	21	6.92834	6.742787	8.657993	3.45656
pseudogen	-	0	1	0	0	1	0	0	0.176334	0	0

lincRNA	-	0	0	0	0	0	1	0	0	0	0
pseudogen	inner_mem	0	0	0	1	5	0	0	0	0	0.032798
pseudogen	-	0	0	0	3	2	0	0	0	0	0.713527
pseudogen	heterogene	0	0	0	4	0	1	0	0	0	0.302304
lincRNA	-	20	19	18	336	500	321	0.821191	1.000408	0.891733	21.41332
pseudogen	-	0	0	0	0	1	0	0	0	0	0
antisense	-	0	0	2	0	1	2	0	0	0.131724	0
pseudogen	glycerol_ki	0	0	0	0	0	2	0	0	0	0
processed_	-	1	1	0	3	0	1	0.059809	0.076696	0	0.278494
pseudogen	septin_7_p	1	1	0	0	0	0	0.036042	0.046218	0	0
pseudogen	heat_shock	0	0	0	0	1	2	0	0	0	0
antisense	-	0	0	2	3	0	0	0	0	0.287185	0.554161
antisense	-	2	1	1	0	3	1	0.205658	0.131864	0.124069	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	0	0	2	0	0	0	0
antisense	-	6	5	3	0	0	1	0.622434	0.665153	0.375501	0
pseudogen	-	1	0	0	3	0	3	0.063365	0	0	0.295053
antisense	DOCK9_ant	0	2	4	0	0	0	0	0.306785	0.577301	0
pseudogen	-	0	0	0	1	1	4	0	0	0	0.054558
lincRNA	KIF25_anti	4	5	0	67	117	122	0.067106	0.107567	0	1.744632
protein_co	family_witl	1	0	1	0	2	0	0.018839	0	0.02273	0
pseudogen	Ras-homol	1	1	1	0	2	2	0.066229	0.084929	0.079909	0
pseudogen	-	1	1	4	0	0	0	0.19061	0.24443	0.919927	0
antisense	-	19	8	17	5	9	4	1.403008	0.757541	1.51462	0.573069
pseudogen	tyrosine_3-	4	5	5	3	6	4	0.254146	0.407383	0.383303	0.295853
pseudogen	-	1	2	2	3	4	4	0.16338	0.419023	0.394254	0.760764
antisense	-	0	0	1	0	0	0	0	0	0.07635	0
pseudogen	-	14	12	12	13	20	18	0.493951	0.542933	0.51084	0.711917
pseudogen	-	0	0	0	0	2	1	0	0	0	0
pseudogen	-	1	0	1	3	0	0	0.048092	0	0.058026	0.223938
antisense	-	2	1	2	0	0	0	0.059543	0.038178	0.071842	0
antisense	-	0	3	1	1	0	1	0	0.06011	0.018852	0.024252
antisense	-	0	0	0	1	1	1	0	0	0	0.096016
pseudogen	MT-ND2_ps	0	1	1	3	1	0	0	0.063629	0.059868	0.231047
processed_	-	1	2	4	10	10	8	0.086673	0.222291	0.418303	1.345283
processed_	ZRANB2_ar	1	7	6	0	0	2	0.052804	0.473996	0.382267	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
antisense	-	0	0	0	1	2	0	0	0	0	0.085623
pseudogen	-	0	0	0	1	0	0	0	0	0	0.050788
processed_	-	7	1	5	38	31	46	0.177134	0.03245	0.152659	1.492516
protein_co	IQ_motif_c	0	0	0	1	0	0	0	0	0	0.043193
pseudogen	lipoyltrans	0	0	2	0	0	0	0	0	0.095406	0
lincRNA	-	0	0	0	7	5	4	0	0	0	1.061372
processed_	TOB1_antis	6	3	2	23	25	3	0.208246	0.133523	0.083754	1.239034
lincRNA	-	5	5	8	0	0	0	0.293063	0.375811	0.565755	0
lincRNA	-	0	0	0	1	1	0	0	0	0	0.142705
lincRNA	-	9	8	5	0	0	0	0.182847	0.208422	0.122564	0
antisense	-	5	1	3	3	2	8	0.73959	0.189684	0.535415	0.688768
pseudogen	high_mobil	2	0	2	3	1	1	0.160858	0	0.194084	0.37451
pseudogen	-	8	5	5	9	15	8	0.423386	0.339333	0.319275	0.739298
antisense	-	4	2	5	0	5	0	0.438224	0.28098	0.660929	0
antisense	-	2	1	0	0	5	1	0.217083	0.139189	0	0
sense_intro	ALMS1_intr	12	2	9	53	73	30	0.267053	0.057076	0.241661	1.830721
pseudogen	-	0	0	1	0	0	0	0	0	0.261924	0
antisense	SNAP47_ar	3	0	3	1	5	1	0.08236	0	0.099371	0.042611
pseudogen	ankyrin_re	1	0	0	2	1	0	0.008691	0	0	0.02698
lincRNA	-	4	3	5	1	1	0	0.075325	0.072446	0.113605	0.029229
pseudogen	cathepsin_	0	0	0	1	2	0	0	0	0	0.072635
lincRNA	-	2	0	0	0	0	1	0.205658	0	0	0
antisense	NHS_antise	0	0	0	1	0	0	0	0	0	0.198852
lincRNA	-	0	2	0	0	0	0	0	0.160346	0	0
pseudogen	farnesyltra	1	6	1	3	0	0	0.073959	0.569052	0.089236	0.344384
lincRNA	-	9	3	6	0	3	0	0.935721	0.399976	0.752667	0
pseudogen	-	0	1	1	0	0	1	0	0.043321	0.04076	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0

antisense	-	0	0	0	3	0	1	0	0	0	0.507766
pseudogen	-	1	0	0	0	2	0	0.240462	0	0	0
pseudogen	adenylate_	12	2	8	25	32	36	0.84741	0.181114	0.681633	2.740203
antisense	BIRC6_anti	0	1	0	0	1	0	0	0.086269	0	0
protein_co	CDGSH_iro	299	241	224	317	425	345	6.027565	6.230129	5.448372	9.918829
lincRNA	-	0	0	0	1	3	0	0	0	0	0.163918
sense_intrc	-	0	0	0	0	1	0	0	0	0	0
antisense	-	4	1	1	0	0	0	0.501498	0.160775	0.151271	0
pseudogen	heat_shock	0	0	0	0	1	1	0	0	0	0
sense_intrc	CDC42_int	2	3	4	4	3	1	0.13552	0.260678	0.327026	0.420692
pseudogen	leucine_ric	12	6	4	7	4	3	0.415262	0.266257	0.167013	0.375984
pseudogen	ribosomal_	3	4	2	1	5	3	0.107876	0.184447	0.086772	0.055813
antisense	-	15	9	2	27	19	9	1.05767	0.813787	0.170152	2.954969
pseudogen	-	3	4	2	1	2	5	0.442359	0.75635	0.355821	0.228867
pseudogen	methylthio	0	1	0	0	0	0	0	0.072271	0	0
pseudogen	-	0	1	0	0	1	3	0	0.284975	0	0
antisense	PRRT3_anti	2	6	6	5	3	2	0.152736	0.587588	0.552855	0.592669
antisense	-	18	19	13	9	5	5	1.169003	1.582363	1.018673	0.907227
antisense	-	1	3	2	2	3	3	0.044319	0.1705	0.106948	0.13758
processed_	TMEM254_	9	3	5	22	37	17	0.135216	0.057799	0.090637	0.513026
pseudogen	-	0	1	1	1	2	0	0	0.114971	0.108175	0.139158
antisense	-	0	0	0	4	9	0	0	0	0	0.616778
pseudogen	tubulin_be	1	0	0	0	0	0	0.157879	0	0	0
processed_	-	1	0	0	1	1	1	0.017588	0	0	0.027299
pseudogen	-	0	0	1	1	0	0	0	0	0.082352	0.105939
lincRNA	-	1	0	0	1	0	7	0.065764	0	0	0.102075
pseudogen	-	0	0	0	1	1	1	0	0	0	0.379061
lincRNA	-	1	1	1	4	4	2	0.081976	0.105122	0.098908	0.50895
lincRNA	-	2	1	0	1	0	0	0.213622	0.13697	0	0.165785
pseudogen	-	0	0	0	4	0	6	0	0	0	1.366757
pseudogen	-	0	0	1	0	0	0	0	0	0.074934	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	0	1	0	0	0	0	0	0.589328	0
pseudogen	endothelin	0	0	0	1	1	0	0	0	0	0.098751
antisense	-	30	17	12	11	20	36	0.527447	0.38328	0.254558	0.300179
antisense	FGF12_anti	1	1	1	10	5	8	0.080845	0.103672	0.097544	1.254824
lincRNA	-	0	0	0	5	10	3	0	0	0	0.437905
lincRNA	-	0	0	1	0	0	0	0	0	0.023811	0
antisense	-	3	4	4	0	0	0	0.285335	0.487869	0.45903	0
pseudogen	selenophos	0	0	0	2	0	0	0	0	0	0.123775
pseudogen	-	0	0	0	1	0	0	0	0	0	0.157874
antisense	HOXB_clust	42	41	58	5	10	7	2.449479	3.06632	4.081318	0.452611
processed_	-	0	0	1	0	2	2	0	0	0.107354	0
pseudogen	-	2	0	3	3	2	0	0.102268	0	0.185089	0.238102
antisense	-	2	0	2	1	2	0	0.1563	0	0.188585	0.1213
processed_	long_interg	0	0	0	1	1	1	0	0	0	0.062205
pseudogen	MT-ND1_ps	0	1	0	1	0	0	0	0.063295	0	0.07661
lincRNA	-	0	0	0	1	0	0	0	0	0	0.142148
pseudogen	-	0	2	0	0	0	0	0	0.344583	0	0
pseudogen	-	0	2	0	1	1	0	0	0.106049	0	0.06418
antisense	SMIM12_ar	20	18	10	4	13	8	1.3025	1.503245	0.785771	0.404332
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	heterogene	0	0	0	1	0	0	0	0	0	0.075733
pseudogen	-	0	3	0	0	0	0	0	0.478486	0	0
lincRNA	-	0	1	2	0	0	0	0	0.028085	0.05285	0
pseudogen	-	0	1	0	1	0	0	0	0.127936	0	0.154851
antisense	-	0	0	1	0	0	0	0	0	0.08117	0
antisense	-	23	23	18	19	16	20	1.936213	2.482918	1.828293	2.482614
pseudogen	-	0	0	2	4	0	0	0	0	0.935132	2.405944
pseudogen	CCR4-NOT_	0	1	1	0	0	0	0	0.041128	0.038697	0
sense_intrc	SMYD3_int	11	9	4	8	3	2	1.428782	1.499081	0.626875	1.612849
protein_co	chromosor	2	5	1	4	5	6	0.108667	0.348377	0.065557	0.337334
pseudogen	-	2	0	2	0	1	1	0.198266	0	0.23922	0
pseudogen	-	19	26	8	13	8	16	0.87688	1.538755	0.445476	0.931238
pseudogen	-	0	0	1	0	0	0	0	0	0.079796	0

pseudogen	-	0	1	0	0	0	0	0	0.202457	0	0
pseudogen	-	11	3	8	5	11	16	0.542937	0.189884	0.476425	0.383052
pseudogen	ATPase_H+_	5	5	0	5	4	1	0.379369	0.486487	0	0.588833
pseudogen	-	94	78	72	140	165	118	9.298864	9.894777	8.593748	21.49614
lincRNA	-	5	1	2	0	0	0	0.550352	0.14115	0.265613	0
pseudogen	ribosomal_	2	5	0	2	8	5	0.073495	0.235618	0	0.114075
pseudogen	interferon_	0	0	0	0	1	0	0	0	0	0
sense_intrc	-	0	2	1	7	12	3	0	0.098493	0.046335	0.417247
pseudogen	heat_shock	1	0	0	6	9	2	0.085879	0	0	0.799778
pseudogen	family_witl	0	0	0	1	0	0	0	0	0	0.029646
pseudogen	-	1	0	0	2	0	2	0.018961	0	0	0.05886
pseudogen	prohibitin_	23	18	23	15	27	21	1.307237	1.311923	1.577257	1.323269
pseudogen	MT-ND5_ps	0	0	1	0	0	0	0	0	0.044653	0
pseudogen	siah_E3_ub	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	2	0	0	0	0	0	0.351636	0	0
pseudogen	SPATA31_s	0	0	0	0	0	2	0	0	0	0
pseudogen	prohibitin_	0	0	0	1	1	1	0	0	0	0.086953
pseudogen	-	0	0	2	1	5	1	0	0	0.105848	0.068082
processed_	-	1	4	6	1	1	1	0.043741	0.224365	0.316654	0.067892
lincRNA	MIRLET7D_	1	0	0	0	0	1	0.036236	0	0	0
antisense	XXYLT1_ant	0	2	1	0	1	1	0	0.153392	0.072163	0
lincRNA	-	0	0	0	26	24	6	0	0	0	1.256491
pseudogen	-	0	1	0	0	0	0	0	0.157821	0	0
pseudogen	-	14	6	9	4	5	3	0.715098	0.393005	0.554662	0.317123
lincRNA	-	0	2	0	0	0	0	0	0.471606	0	0
pseudogen	-	1	0	0	0	1	0	0.205658	0	0	0
antisense	-	4	1	3	9	7	9	0.396533	0.127124	0.35883	1.384817
antisense	ARMC2_ant	1	1	0	0	0	0	0.418661	0.536873	0	0
pseudogen	-	5	5	9	3	10	3	0.535274	0.686413	1.16251	0.498492
lincRNA	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	10	8	18	10	11	8	1.335898	1.37048	2.901308	2.073499
pseudogen	-	0	1	0	0	1	3	0	0.484918	0	0
sense_intrc	STARD13_i	4	3	1	0	0	0	0.414956	0.399092	0.125167	0
protein_co	olfactory_r	0	0	0	1	1	0	0	0	0	0.065391
lincRNA	-	0	0	1	0	1	1	0	0	0.114991	0
pseudogen	capicua_tra	0	0	0	1	0	3	0	0	0	0.026669
pseudogen	barrier_to_	5	1	2	5	3	3	0.888069	0.227764	0.428602	1.378405
lincRNA	-	0	0	1	0	3	0	0	0	0.104191	0
pseudogen	-	0	1	0	3	2	1	0	0.138229	0	0.50193
pseudogen	-	6	4	3	0	1	0	0.306137	0.261718	0.184686	0
antisense	HLA_compl	0	0	0	7	3	5	0	0	0	0.710542
processed_	ELOVL2_an	0	0	0	1	0	0	0	0	0	0.080598
antisense	FEZF1_anti	0	1	0	169	262	366	0	0.022665	0	4.63618
antisense	-	7	9	8	5	7	1	0.157576	0.259802	0.217285	0.174699
pseudogen	-	1	2	0	0	1	0	0.102604	0.26315	0	0
pseudogen	-	1	0	1	0	2	1	0.109556	0	0.132186	0
antisense	-	1	0	0	1	1	0	0.109047	0	0	0.169255
lincRNA	long_interg	0	2	0	5	2	0	0	0.274565	0	0.83082
processed_	-	1	1	2	0	0	0	0.094919	0.12172	0.229051	0
pseudogen	high_mobil	0	1	0	2	0	0	0	0.133325	0	0.322749
pseudogen	high_mobil	15	18	19	6	16	28	2.576375	3.964602	3.937489	1.599556
processed_	-	0	1	4	1	0	0	0	0.028936	0.108904	0.035024
antisense	-	0	0	2	2	3	6	0	0	0.232343	0.29889
pseudogen	Fanconi_an	0	0	1	2	2	2	0	0	0.040411	0.103971
pseudogen	non-SMC_c	0	0	0	0	1	2	0	0	0	0
pseudogen	-	14	10	7	11	11	10	0.645487	0.591247	0.389409	0.787195
pseudogen	triosephos	11	3	10	2	1	8	0.685891	0.23988	0.752334	0.193563
pseudogen	ribosomal_	0	0	1	0	1	2	0	0	0.043154	0
lincRNA	Down_sync	3	2	4	1	2	0	0.085566	0.073151	0.137653	0.04427
pseudogen	-	1	1	0	1	1	2	0.098096	0.125795	0	0.152259
pseudogen	lysyl-tRNA_	2	1	0	0	2	0	0.057218	0.036687	0	0
pseudogen	golgin_A6_	80	57	63	14	21	24	1.605135	1.46658	1.525142	0.435994
pseudogen	mediator_c	0	0	0	0	0	1	0	0	0	0
pseudogen	-	12	13	15	17	19	17	0.652761	0.90683	0.984493	1.435333
lincRNA	-	2	3	8	0	0	0	0.183523	0.353013	0.885722	0

pseudogen	-	0	0	0	0	2	1	0	0	0	0
lincRNA	-	0	0	1	1	0	0	0	0	0.019462	0.025036
antisense	-	17	16	9	0	0	0	0.308248	0.372033	0.196899	0
lincRNA	-	0	0	0	0	2	1	0	0	0	0
pseudogen	serine_palr	1	2	0	1	0	0	0.179655	0.460765	0	0.27885
pseudogen	retinoblast	3	2	1	0	0	0	0.076285	0.065217	0.030681	0
lincRNA	-	1	0	0	1	0	0	0.020211	0	0	0.031371
pseudogen	transcriptic	18	23	34	63	69	45	0.897894	1.471261	2.046348	4.877795
pseudogen	olfactory_r	0	0	0	0	2	0	0	0	0	0
processed_	-	9	1	5	7	6	4	1.084859	0.154575	0.727192	1.309662
processed_	long_interg	0	0	0	0	1	2	0	0	0	0
lincRNA	-	0	0	0	0	0	2	0	0	0	0
antisense	-	13	7	7	7	15	4	1.202308	0.830194	0.781121	1.004849
antisense	-	0	0	0	0	2	0	0	0	0	0
pseudogen	-	1	4	0	0	0	0	0.168669	0.865177	0	0
antisense	-	2	0	0	1	0	0	0.301544	0	0	0.234019
antisense	-	1	2	1	2	5	4	0.0551	0.141316	0.066481	0.171045
lincRNA	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	12	5	10	0	2	1	0.448708	0.239752	0.45116	0
processed_	-	3	2	3	2	6	2	0.084183	0.071969	0.101572	0.087109
pseudogen	transcriptic	0	0	0	1	0	0	0	0	0	0.098886
pseudogen	leucine_ric	10	6	2	18	33	12	0.086132	0.066271	0.020785	0.240639
pseudogen	ribosomal_	1	0	3	0	1	1	0.064233	0	0.232502	0
antisense	-	0	0	0	0	0	2	0	0	0	0
protein_co	ankyrin_rep	57	41	42	189	227	143	0.708384	0.653412	0.629783	3.645741
processed_	-	20	27	7	37	46	15	0.357257	0.618478	0.150868	1.025849
pseudogen	-	3	4	0	0	0	0	0.184606	0.315642	0	0
pseudogen	proliferatic	3	1	5	3	3	1	0.11901	0.050871	0.239321	0.18472
pseudogen	-	1	1	2	0	4	0	0.151258	0.193967	0.365003	0
antisense	PROX1_ant	6	8	6	0	2	0	0.05426	0.092775	0.065468	0
antisense	-	11	12	16	0	1	0	0.577593	0.808015	1.013671	0
pseudogen	ATP_syntha	1	2	4	0	0	0	0.110329	0.282964	0.532475	0
pseudogen	olfactory_r	1	0	0	0	0	0	0.050043	0	0	0
lincRNA	PSMG3_an	34	20	27	19	33	29	0.279646	0.210945	0.267942	0.242557
lincRNA	-	0	1	0	1	0	0	0	0.06741	0	0.081592
pseudogen	-	5	1	0	0	0	1	0.42396	0.108734	0	0
antisense	-	8	5	4	1	4	0	0.754769	0.604928	0.455336	0.146438
lincRNA	-	6	7	4	0	0	0	0.682864	1.021623	0.549277	0
antisense	-	13	10	10	0	0	0	0.818215	0.807111	0.759403	0
pseudogen	ankyrin_rep	1	0	0	0	0	0	0.043822	0	0	0
pseudogen	ribosomal_	0	0	1	0	0	0	0	0	0.095728	0
protein_co	PPP5_tetra	4	3	9	10	20	12	0.067541	0.064958	0.183356	0.262081
antisense	THAP7_ant	16	13	14	20	33	13	0.326475	0.34016	0.344672	0.633419
lincRNA	-	0	0	0	1	0	2	0	0	0	0.155181
pseudogen	-	0	1	3	0	0	0	0	0.105676	0.298289	0
pseudogen	HLA_compl	1	0	2	0	1	0	0.048092	0	0.116052	0
lincRNA	-	1	0	0	1	0	0	0.02183	0	0	0.033883
pseudogen	collagen_ty	2	3	3	0	1	1	0.021723	0.041786	0.039316	0
pseudogen	nitric_oxid	2	0	0	0	0	0	0.028221	0	0	0
pseudogen	carcinoeml	0	0	0	0	0	1	0	0	0	0
processed_	LIMD1_ant	0	0	0	5	8	4	0	0	0	0.236913
antisense	-	0	0	0	1	1	1	0	0	0	0.111797
pseudogen	brain_abur	0	0	0	2	4	16	0	0	0	0.218887
antisense	-	1	0	0	0	0	0	0.061294	0	0	0
lincRNA	-	3	0	0	2	1	0	0.172601	0	0	0.178601
lincRNA	long_interg	2	5	2	9	6	3	0.069985	0.224365	0.084441	0.48882
antisense	-	0	0	0	1	2	1	0	0	0	0.064636
processed_	-	330	301	335	269	305	362	1.791768	2.09577	2.194626	2.266995
processed_	-	6	0	0	2	9	6	0.060205	0	0	0.031149
lincRNA	-	27	37	24	26	22	27	1.66583	2.927372	1.786595	2.489835
lincRNA	-	3	1	2	5	2	2	0.134741	0.057596	0.108382	0.348562
pseudogen	family_witl	11	10	4	6	4	20	0.74644	0.870185	0.327499	0.631952
antisense	ZNF32_anti	20	25	16	3	28	13	1.036243	1.661044	1.00023	0.241259
pseudogen	splicing_fa	1	1	1	2	3	0	0.031747	0.040711	0.038304	0.098551
pseudogen	-	0	0	0	1	0	1	0	0	0	0.060499

pseudogen	-	5	1	3	3	1	0	0.550352	0.14115	0.398419	0.512534
pseudogen	-	0	1	2	3	6	5	0	0.053592	0.100848	0.194598
pseudogen	GTF2I_repe	1	0	0	5	5	3	0.019328	0	0	0.15
pseudogen	prohibitin_	0	0	3	2	5	1	0	0	0.209281	0.179482
lincRNA	-	0	2	1	0	0	1	0	0.126323	0.059428	0
lincRNA	FTX_transc	145	121	120	39	66	101	2.618041	2.801581	2.614194	1.092958
pseudogen	ribosomal_	0	0	0	1	0	0	0	0	0	0.081867
lincRNA	-	1	0	0	0	0	0	0.13321	0	0	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
pseudogen	tRNA_splic	2	0	1	0	1	2	0.261955	0	0.158032	0
lincRNA	-	6	9	11	0	1	3	0.078962	0.151886	0.174665	0
pseudogen	-	1	1	2	0	0	0	0.242953	0.311553	0.586275	0
pseudogen	high_mobil	2	2	1	1	0	0	0.155522	0.199435	0.093823	0.120696
antisense	-	1	0	3	0	1	1	0.093406	0	0.338101	0
antisense	HM13_anti	3	7	6	10	16	11	0.287669	0.860754	0.694178	1.488339
lincRNA	-	8	7	11	0	0	0	0.141876	0.159194	0.235375	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	ubiquinol-(	0	0	0	2	2	1	0	0	0	0.531239
lincRNA	-	0	0	2	174	205	117	0	0	0.223178	24.97768
pseudogen	-	4	4	2	2	8	3	0.1563	0.200433	0.094293	0.1213
pseudogen	ribosomal_	16	20	13	35	38	28	2.273455	3.64423	2.228732	7.71907
antisense	DNM3_opp	1360	1095	1141	0	0	5	112.2719	115.9192	113.649	0
lincRNA	-	0	0	0	0	2	0	0	0	0	0
antisense	-	5	0	3	0	2	0	0.536499	0	0.38839	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	6	2	2	3	3	0	0.424344	0.181387	0.170665	0.32932
pseudogen	-	19	13	18	0	0	0	0.397373	0.348656	0.454219	0
antisense	USP12_ant	1	0	0	0	0	0	0.168065	0	0	0
pseudogen	-	0	0	1	4	14	3	0	0	0.054452	0.280192
lincRNA	-	0	1	0	0	0	0	0	0.074788	0	0
antisense	-	2	1	1	3	3	3	0.448708	0.287702	0.270696	1.044686
lincRNA	-	1	1	0	0	0	0	0.103055	0.132153	0	0
pseudogen	-	0	2	1	2	1	1	0	0.038422	0.018075	0.046505
protein_co	proline-rich	1	4	3	0	0	1	0.051358	0.263438	0.1859	0
processed_	KLHL7_anti	0	7	3	7	11	5	0	0.164161	0.066196	0.198697
pseudogen	YY1_transc	0	0	0	0	0	2	0	0	0	0
lincRNA	family_with	6	0	1	3	1	0	0.138455	0	0.027842	0.10745
pseudogen	protein-kin	0	0	0	1	3	1	0	0	0	0.033037
pseudogen	carcinoemb	0	0	1	1	6	4	0	0	0.018758	0.024131
pseudogen	SET_pseudo	2	0	0	1	3	2	0.106689	0	0	0.082798
pseudogen	poly(A)_bin	3	1	4	16	8	2	0.306471	0.131002	0.493033	2.536987
lincRNA	-	0	0	1	0	2	0	0	0	0.030648	0
antisense	ENO1_antis	0	1	2	1	1	1	0	0.131864	0.248138	0.159605
pseudogen	D-dopachro	10	9	19	9	1	1	1.224282	1.412972	2.806618	1.71023
antisense	-	2	1	0	2	4	2	0.352557	0.226052	0	0.547217
pseudogen	mitochond	0	0	0	0	0	1	0	0	0	0
antisense	-	1	2	0	0	0	0	0.103055	0.264307	0	0
antisense	-	1	1	5	3	3	0	0.357939	0.459006	2.15937	1.666713
processed_	-	0	1	0	0	1	0	0	0.098573	0	0
pseudogen	-	2	3	2	2	0	0	0.236818	0.455529	0.285735	0.367575
antisense	-	0	0	0	0	1	1	0	0	0	0
antisense	-	39	38	42	24	47	10	0.600957	0.750881	0.780865	0.574011
pseudogen	F-box_and_	17	13	8	19	24	43	0.653921	0.641253	0.371291	1.134386
pseudogen	-	1	0	0	1	0	1	0.129889	0	0	0.201606
pseudogen	-	0	0	0	19	8	18	0	0	0	1.68842
pseudogen	-	0	0	0	1	0	0	0	0	0	0.109608
pseudogen	-	183	140	163	81	132	79	16.9248	16.60389	18.18897	11.62754
lincRNA	-	0	0	0	1	0	0	0	0	0	0.178382
processed_	-	77	85	94	174	195	190	1.356833	1.920719	1.998533	4.758995
antisense	-	0	0	0	3	3	0	0	0	0	0.346021
sense_intro	-	8	15	9	5	13	8	0.391566	0.94149	0.531503	0.379853
lincRNA	-	639	455	536	273	416	438	9.216463	8.415582	9.327736	6.111623
pseudogen	ribosomal_	1	0	0	0	1	0	0.100192	0	0	0
processed_	-	0	3	1	0	0	1	0	0.41279	0.129463	0
processed_	-	5	3	7	1	4	3	0.150481	0.115783	0.25419	0.046714

antisense	-	0	0	0	1	0	1	0	0	0	0.150371
antisense	-	4	1	0	11	12	1	0.25346	0.081256	0	1.081862
sense_intrc	-	0	0	0	0	2	1	0	0	0	0
antisense	-	0	0	0	3	0	2	0	0	0	0.340093
pseudogen	ras_homol	0	0	0	0	1	1	0	0	0	0
pseudogen	synaptosor	0	0	1	0	1	1	0	0	0.229982	0
pseudogen	-	2	3	1	2	3	4	0.190998	0.367392	0.115225	0.296455
pseudogen	vomeronas	2	2	1	0	1	0	0.112988	0.144891	0.068163	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	1	0	1	1	0	0	0.274211	0	0.330851	0.425613
protein_co	ankyrin_re	3	2	2	22	38	2	0.123071	0.105214	0.098995	1.400836
pseudogen	-	1	0	0	0	0	0	0.031281	0	0	0
processed_	-	0	1	4	2	2	2	0	0.026407	0.099386	0.063926
pseudogen	-	1	2	1	1	0	1	0.061294	0.157202	0.073955	0.095137
pseudogen	phosphose	0	1	0	0	0	0	0	0.054122	0	0
sense_intrc	ARHGAP26	1	1	0	1	0	0	0.120851	0.154974	0	0.187577
antisense	-	2	1	0	1	0	0	0.167166	0.107183	0	0.129732
pseudogen	SWI/SNF_re	3	2	0	0	1	1	0.114833	0.098171	0	0
pseudogen	major_hist	3	1	1	8	10	8	0.135651	0.057984	0.054557	0.561464
protein_co	YY2_transc	51	25	29	9	7	9	0.872452	0.548429	0.598573	0.238971
antisense	-	0	0	0	2035	2525	2150	0	0	0	157.3931
pseudogen	-	7	5	6	4	6	3	0.392151	0.359198	0.405559	0.347813
pseudogen	-	0	1	1	0	0	1	0	0.24344	0.229051	0
lincRNA	-	22	7	12	4	6	3	1.754388	0.715831	1.154602	0.495101
lincRNA	-	5	4	8	2	0	2	0.09363	0.096054	0.180752	0.058131
lincRNA	-	1	2	2	0	0	2	0.088472	0.226905	0.213492	0
sense_intrc	-	1	0	1	0	3	2	0.11059	0	0.133433	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	0	1	0	0	0	0	0	0.034267	0
pseudogen	chromobo	0	1	0	0	0	0	0	0.140819	0	0
processed_	-	1	1	0	3	2	1	0.069467	0.089081	0	0.323466
antisense	-	1	1	0	0	2	0	0.059505	0.076307	0	0
antisense	-	0	0	1	0	1	0	0	0	0.102307	0
pseudogen	-	0	0	0	4	1	1	0	0	0	0.234584
pseudogen	ribulose-5-	0	0	1	2	2	0	0	0	0.083692	0.215325
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	ribosomal_	0	0	1	1	1	1	0	0	0.150068	0.19305
lincRNA	-	86	49	75	0	0	0	6.223058	4.546852	6.548091	0
lincRNA	-	4	0	3	1	0	2	0.542081	0	0.490539	0.210346
processed_	ZNF674_an	66	73	68	66	78	55	1.623684	2.302978	2.018434	2.520182
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	0	3	1	0	0	0	0
processed_	-	0	0	0	5	5	1	0	0	0	0.203751
pseudogen	-	0	0	0	1	0	0	0	0	0	0.21469
pseudogen	-	0	0	0	1	4	1	0	0	0	0.253588
lincRNA	-	0	0	1	0	0	1	0	0	0.111589	0
pseudogen	cyclin_B1_i	1	0	0	0	3	0	0.057323	0	0	0
pseudogen	-	0	0	0	1	1	3	0	0	0	0.098086
lincRNA	-	0	0	0	1	0	0	0	0	0	0.244228
pseudogen	-	0	0	1	0	0	0	0	0	0.124616	0
pseudogen	centaurin_	2	5	2	1	4	2	0.038784	0.124338	0.046795	0.030099
pseudogen	F-box_and_	2	0	3	2	1	0	0.063623	0	0.115147	0.098751
pseudogen	-	2	7	5	5	1	3	0.072698	0.326286	0.219285	0.282092
protein_co	stathmin_c	0	0	0	4	5	2	0	0	0	0.139626
lincRNA	long_interg	3	1	0	0	0	1	0.078411	0.033517	0	0
lincRNA	-	1	0	0	0	0	0	0.063537	0	0	0
antisense	-	4	2	3	0	0	0	0.707774	0.45381	0.640477	0
pseudogen	-	23	15	17	46	63	56	0.308575	0.258068	0.275188	0.957903
pseudogen	SHC_(Src_h	0	0	0	0	0	6	0	0	0	0
antisense	-	2	0	2	2	4	4	0.018771	0	0.022648	0.029135
sense_intrc	-	41	37	34	8	13	8	3.214867	3.720405	3.216668	0.973643
pseudogen	ribosomal_	2	0	1	0	4	0	0.204314	0	0.123258	0
antisense	MAGEA8_a	0	0	0	0	0	1	0	0	0	0
pseudogen	ribosomal_	0	0	1	0	2	2	0	0	0.084065	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0

antisense	-	2	0	1	7	17	4	0.039653	0	0.023922	0.215416
pseudogen	peptidylpr	2	3	1	2	2	5	0.183882	0.353705	0.110932	0.285411
antisense	-	3	5	6	3	6	0	0.343098	0.73329	0.827934	0.532535
lincRNA	-	2	1	1	1	0	2	0.154243	0.098898	0.093052	0.119704
antisense	-	3	0	1	0	0	0	0.219797	0	0.088399	0
sense_intrc	-	0	0	0	68	78	42	0	0	0	3.030635
lincRNA	long_interg	0	0	0	3	1	9	0	0	0	0.066023
antisense	-	2	4	2	4	3	3	0.118559	0.30407	0.143048	0.368039
pseudogen	-	0	0	0	0	0	1	0	0	0	0
antisense	-	16	11	16	0	0	0	0.642329	0.566291	0.775007	0
pseudogen	-	5	1	3	4	4	2	0.773763	0.198448	0.560154	0.960789
pseudogen	-	0	0	0	1	1	0	0	0	0	0.027537
processed_	MIR205_hc	0	0	0	373	509	69	0	0	0	8.108383
lincRNA	-	3	3	3	2	2	1	0.287669	0.368894	0.347089	0.297668
lincRNA	-	1	0	0	0	0	0	0.100839	0	0	0
pseudogen	-	1	3	1	3	3	3	0.047896	0.184259	0.057789	0.223023
sense_intrc	-	1	1	0	2	2	0	0.128819	0.165192	0	0.399889
pseudogen	-	3	1	4	9	7	3	0.803829	0.343599	1.293154	3.742961
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	1	1	0	2	2	1	0.154753	0.198448	0	0.480395
pseudogen	-	2	0	0	0	1	0	0.976875	0	0	0
lincRNA	-	0	0	0	0	1	1	0	0	0	0
antisense	HHATL_ant	0	0	0	0	1	1	0	0	0	0
lincRNA	-	0	1	0	0	0	0	0	0.033914	0	0
processed_	-	1	0	0	0	0	0	0.061535	0	0	0
pseudogen	-	6	7	3	14	15	6	0.529831	0.792672	0.319636	1.918865
pseudogen	-	3	2	5	0	0	1	0.250749	0.214366	0.504238	0
pseudogen	destrin_(ac	31	37	23	6	5	5	3.126001	4.784521	2.798358	0.939094
pseudogen	DEAD_(Asp	3	1	0	0	0	0	1.267298	0.54171	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
protein_co	heat_shock	2315	1880	1849	2120	2485	2238	20.21046	21.04711	19.47647	28.72709
pseudogen	family_witl	1	2	3	23	21	18	0.021578	0.055343	0.078107	0.770334
pseudogen	-	1	2	0	1	1	1	0.093968	0.241001	0	0.145851
pseudogen	RAB42_me	0	0	0	1	0	2	0	0	0	0.110776
lincRNA	-	2	0	0	0	0	0	0.192963	0	0	0
pseudogen	cyclin_B1_i	0	0	0	1	1	0	0	0	0	0.087792
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	2	2	0	0	1	7	0.126048	0.161639	0	0
pseudogen	cell_divisio	2	1	3	13	20	12	0.06252	0.040087	0.113151	0.630758
lincRNA	-	0	1	1	1	0	0	0	0.050914	0.047905	0.061626
lincRNA	-	0	0	0	0	1	0	0	0	0	0
lincRNA	long_interg	2	1	0	0	0	0	0.037288	0.023908	0	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
antisense	-	70	48	49	107	117	150	0.935129	0.822288	0.7898	2.218644
pseudogen	-	0	0	1	0	0	0	0	0	0.112925	0
lincRNA	long_interg	2	5	5	0	4	3	0.059354	0.190284	0.179036	0
pseudogen	ribosomal_	2	0	0	1	0	0	0.125879	0	0	0.097691
pseudogen	-	2	2	1	2	1	1	0.053866	0.069075	0.032496	0.083607
antisense	-	0	0	0	3	11	11	0	0	0	0.504248
pseudogen	glucosamir	0	0	2	1	0	0	0	0	0.196784	0.126574
pseudogen	olfactory_r	0	0	0	1	0	0	0	0	0	0.07653
antisense	-	7	0	4	2	1	2	0.362285	0	0.249781	0.160662
lincRNA	-	0	1	0	0	0	0	0	0.108734	0	0
antisense	-	0	0	0	3	0	1	0	0	0	0.118277
pseudogen	-	2	0	2	2	2	1	0.111776	0	0.134864	0.173492
antisense	-	2	2	2	0	6	2	0.102829	0.131864	0.124069	0
pseudogen	nucleopho	7	5	1	3	3	5	0.388898	0.356219	0.067033	0.258696
pseudogen	-	2	0	5	0	0	0	0.164238	0	0.495407	0
antisense	-	2	4	5	6	18	6	0.254837	0.653585	0.768689	1.186627
antisense	HLA_compl	552	506	560	324	362	514	5.323589	6.257852	6.516307	4.849991
antisense	-	0	0	0	4	8	4	0	0	0	0.142357
lincRNA	-	8	5	2	8	13	5	0.692104	0.554703	0.208766	1.074241
lincRNA	-	2	1	2	0	0	0	0.165982	0.106424	0.200267	0
pseudogen	-	4	4	10	0	1	4	0.49883	0.639679	1.504668	0
pseudogen	testis-speci	0	0	1	9	10	2	0	0	0.073666	0.852888

pseudogen	farnesyl_di	0	0	0	1	2	1	0	0	0	0.069051
pseudogen	-	1	0	0	0	0	0	0.120231	0	0	0
antisense	-	0	0	0	1	1	0	0	0	0	0.175797
antisense	-	4	3	2	0	0	0	0.459706	0.442131	0.277331	0
antisense	-	15	2	2	3	1	1	0.785866	0.134368	0.126426	0.243955
antisense	-	2	3	0	6	10	2	0.03783	0.072767	0	0.176151
lincRNA	-	0	0	0	3	1	0	0	0	0	0.269222
lincRNA	-	6	4	2	13	13	15	0.27773	0.237433	0.111699	0.933995
antisense	-	79	79	70	42	60	54	5.45554	6.995956	5.832526	4.501843
lincRNA	-	1	1	0	0	0	2	0.025553	0.032768	0	0
processed_	-	4	10	0	6	8	3	0.103682	0.332392	0	0.241392
processed_	-	3	4	2	0	2	0	0.141948	0.242704	0.114179	0
pseudogen	spermatog	10	4	6	0	0	0	1.070548	0.549131	0.775007	0
sense_intrc	-	8	4	2	4	2	2	0.472443	0.302921	0.142508	0.366649
pseudogen	major_hist	0	1	0	2	2	0	0	0.133622	0	0.323466
processed_	-	4	2	1	0	0	1	0.192369	0.123343	0.058026	0
antisense	-	2	2	1	0	0	1	0.210269	0.26964	0.126851	0
processed_	highly_acc	0	0	0	0	1	0	0	0	0	0
sense_intrc	TCF7L1_int	1	2	0	3	3	7	0.10238	0.262576	0	0.476724
antisense	-	0	0	0	3	2	0	0	0	0	0.270893
pseudogen	-	0	0	0	1	0	0	0	0	0	0.24505
protein_co	-	0	2	1	1	1	1	0	2.505408	1.178656	1.516246
pseudogen	high_mobil	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	0	2	0	0	0	0	0	0.547217
pseudogen	MT-ND2_ps	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
processed_	MORF4L2_	8	10	11	23	33	9	0.179827	0.288254	0.298337	0.802462
lincRNA	-	5	3	4	1	1	3	0.638829	0.491524	0.616627	0.19831
processed_	-	19	8	11	9	10	6	0.376229	0.203141	0.262809	0.276612
antisense	-	1	1	4	2	0	1	0.034301	0.043987	0.165546	0.106481
pseudogen	ribosomal_	0	0	0	0	1	0	0	0	0	0
IG_V_pseu	T_cell_rece	1	1	1	1	8	1	0.160034	0.205221	0.19309	0.248395
pseudogen	Y_box_bind	5	4	8	13	18	7	0.234685	0.24076	0.453057	0.947085
pseudogen	eukaryotic_	0	0	0	0	0	2	0	0	0	0
protein_co	HCG20258	0	0	0	3	1	3	0	0	0	0.21116
processed_	-	4	5	3	0	0	1	0.170354	0.273069	0.154157	0
lincRNA	-	0	0	0	6	4	2	0	0	0	1.705777
lincRNA	long_interg	6	11	13	17	26	28	0.211852	0.498063	0.553826	0.931669
pseudogen	-	8	14	2	7	4	9	0.671056	1.505934	0.202417	0.911375
processed_	-	41	34	32	18	20	6	3.252945	3.459244	3.06331	2.216644
antisense	-	5	11	11	8	6	2	0.350449	0.988681	0.93024	0.870312
antisense	-	0	0	1	1	1	2	0	0	0.120118	0.154522
lincRNA	-	0	0	1	0	0	0	0	0	0.070019	0
processed_	-	0	1	0	0	0	1	0	0.109128	0	0
antisense	FARP1_anti	0	0	0	0	1	0	0	0	0	0
lincRNA	-	9	5	3	1	2	3	0.622434	0.443435	0.250334	0.107345
antisense	-	0	0	3	0	0	0	0	0	0.205979	0
pseudogen	keratin_8_	0	0	0	2	4	1	0	0	0	0.100594
pseudogen	zinc_finger_	41	40	47	147	163	220	0.577325	0.72228	0.798513	3.212802
pseudogen	heterogene	0	1	0	0	0	0	0	0.064173	0	0
pseudogen	-	1	0	0	0	1	0	0.132085	0	0	0
antisense	-	1	0	0	2	0	0	0.087974	0	0	0.273095
lincRNA	-	1	0	1	0	0	0	0.074904	0	0.090376	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	1	0	0	3	1	2	0.090696	0	0	0.42232
pseudogen	ADP-ribosy	5	3	6	0	0	0	0.450866	0.346903	0.652794	0
lincRNA	-	6	16	17	0	0	0	0.46273	1.582363	1.581881	0
antisense	CCDC147_	5	6	10	9	12	7	0.294906	0.45381	0.711642	0.823922
pseudogen	S-phase_kir	1	3	3	3	3	10	0.09589	0.368894	0.347089	0.446502
pseudogen	-	0	0	2	6	14	5	0	0	0.10859	0.419078
pseudogen	ribosomal_	0	0	2	0	5	0	0	0	0.467566	0
lincRNA	-	2	4	4	0	3	1	0.046129	0.118308	0.111314	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
antisense	ITPR1_anti	2	1	1	9	2	1	0.109301	0.070081	0.065939	0.763424
lincRNA	-	4	0	2	0	0	0	0.080017	0	0.048273	0

lincRNA	-	0	0	0	2	2	0	0	0	0	0.264654
protein_co	chromosor	0	1	3	4	3	7	0	0.016022	0.045224	0.07757
pseudogen	zinc_finger	0	0	0	3	0	0	0	0	0	0.107134
pseudogen	-	68	61	67	345	496	229	1.449987	1.667993	1.723765	11.41839
lincRNA	long_interg	0	0	1	1	0	0	0	0	0.122458	0.157532
pseudogen	-	0	0	0	0	0	1	0	0	0	0
protein_co	putative_u	1	4	3	34	38	15	0.03695	0.189534	0.133748	1.949971
processed_	APCDD1L_a	10	11	13	1	1	0	0.178289	0.251493	0.279651	0.027673
lincRNA	-	0	0	0	1	3	0	0	0	0	0.043425
antisense	-	0	0	0	0	2	0	0	0	0	0
antisense	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	2	0	2	1	0	0	0.384216	0	0.465047
processed_	long_interg	11	8	6	0	0	0	0.609681	0.568603	0.401245	0
pseudogen	ribosomal_	0	0	0	1	1	0	0	0	0	0.140502
pseudogen	ribosomal_	1	0	0	0	0	0	0.148857	0	0	0
antisense	-	6	0	1	4	12	7	0.216749	0	0.043587	0.224283
pseudogen	ribosomal_	3	0	2	1	1	2	0.200671	0	0.161414	0.103823
antisense	TBL1XR1_a	3	0	1	0	3	0	0.339783	0	0.136656	0
antisense	-	49	39	35	101	146	55	0.912837	0.931689	0.786707	2.920445
pseudogen	ribosomal_	1	0	0	4	0	3	0.024744	0	0	0.153625
lincRNA	-	0	1	1	0	0	0	0	0.053071	0.049934	0
lincRNA	-	0	0	0	0	0	2	0	0	0	0
lincRNA	-	10	8	12	21	14	26	0.708308	0.726644	1.025538	2.308725
antisense	-	3	3	5	4	3	1	0.169686	0.217599	0.341227	0.351169
pseudogen	-	0	0	0	0	0	1	0	0	0	0
antisense	OOEP_antis	0	0	0	0	1	0	0	0	0	0
pseudogen	ribosomal_	1	0	2	3	2	0	0.135913	0	0.327974	0.632868
sense_intrc	-	0	1	0	0	0	0	0	0.251589	0	0
antisense	-	0	0	1	0	0	0	0	0	0.155427	0
pseudogen	actin_gamr	21	5	13	11	11	8	0.910065	0.277864	0.679743	0.739906
pseudogen	voltage-dep	3	2	0	0	2	1	0.164526	0.140654	0	0
pseudogen	-	1	2	2	0	0	5	0.134355	0.344583	0.324215	0
pseudogen	-	6	0	3	3	3	11	0.101861	0	0.061451	0.079051
lincRNA	-	3	2	2	1	0	0	0.157349	0.134519	0.126567	0.081409
pseudogen	-	1	1	2	1	1	1	0.092852	0.119069	0.224061	0.144118
antisense	-	0	1	0	0	0	0	0	0.090285	0	0
pseudogen	-	1	0	1	1	2	2	0.116642	0	0.140735	0.181044
pseudogen	-	1	0	1	11	10	1	0.153235	0	0.184887	2.616267
protein_co	Protein_LO	1	0	0	2	1	1	0.0437	0	0	0.135657
antisense	-	78	70	44	47	45	57	1.481337	1.704773	1.008231	1.38544
lincRNA	-	0	0	0	2	0	0	0	0	0	0.125917
pseudogen	-	0	0	0	3	0	0	0	0	0	0.37775
antisense	-	0	0	1	2	10	5	0	0	0.093513	0.240594
pseudogen	high_mobil	1	0	0	0	0	0	0.179655	0	0	0
pseudogen	NADH_deh	1	0	1	1	0	0	0.093406	0	0.1127	0.14498
pseudogen	ring_finger	0	2	4	8	28	11	0	0.119069	0.224061	0.576474
pseudogen	neuroblast	0	0	1	0	0	0	0	0	0.038991	0
antisense	FGF12_anti	1	0	0	1	1	1	0.080845	0	0	0.125482
pseudogen	-	0	1	0	1	2	0	0	0.117671	0	0.142426
protein_co	major_hist	32	25	20	64	51	51	0.298603	0.299153	0.225176	0.926947
antisense	-	8	1	1	4	1	0	0.55246	0.088556	0.083322	0.428747
pseudogen	-	2	1	5	3	0	3	0.181043	0.116081	0.546096	0.421505
pseudogen	-	0	0	1	0	0	0	0	0	0.155001	0
lincRNA	-	0	0	0	1	2	0	0	0	0	0.07759
lincRNA	-	0	0	0	1	1	0	0	0	0	0.116262
antisense	-	23	14	14	4	2	2	0.518495	0.40472	0.380797	0.139961
pseudogen	-	1	1	1	1	0	3	0.148857	0.190888	0.179605	0.231047
lincRNA	-	0	0	0	1	3	0	0	0	0	0.241793
pseudogen	-	1	1	1	1	4	1	0.300577	0.385447	0.362663	0.466537
pseudogen	-	0	0	0	1	1	2	0	0	0	0.221215
pseudogen	iroquois_h	0	0	0	0	0	1	0	0	0	0
processed_	long_interg	0	0	0	2	2	0	0	0	0	0.031076
processed_	-	0	0	0	2	2	0	0	0	0	0.107742
antisense	-	0	0	0	2	1	1	0	0	0	0.291119
lincRNA	-	1	0	0	0	0	0	0.106811	0	0	0

lincRNA	-	3	1	0	0	0	0	0.265917	0.113667	0	0
pseudogen	-	0	0	0	1	3	0	0	0	0	0.044297
lincRNA	-	0	0	0	3	0	0	0	0	0	0.210752
processed_	-	0	0	0	0	1	0	0	0	0	0
antisense	WASH_and	3	3	0	20	22	11	0.13025	0.167027	0	1.347774
sense_intrc	-	0	1	0	0	0	0	0	0.089081	0	0
antisense	-	2	3	1	4	3	0	0.1702	0.327385	0.102678	0.528347
pseudogen	-	1	1	0	8	12	2	0.037754	0.048414	0	0.468791
pseudogen	translocase	3	2	1	0	1	0	0.476848	0.40766	0.191781	0
pseudogen	-	0	0	1	0	0	0	0	0	0.122193	0
processed_	-	0	0	0	2	0	1	0	0	0	0.046609
pseudogen	ribonuclea	0	0	1	0	0	0	0	0	0.071615	0
lincRNA	long_interg	0	0	0	9	8	2	0	0	0	0.22486
lincRNA	-	4	6	4	3	1	2	0.131161	0.252293	0.158253	0.152685
pseudogen	-	0	0	0	0	2	0	0	0	0	0
pseudogen	-	14	19	9	6	7	15	0.841616	1.4647	0.652794	0.559845
pseudogen	peroxiredo	5	1	2	7	6	11	0.383715	0.098412	0.18519	0.833811
pseudogen	high_mobil	0	0	0	0	0	1	0	0	0	0
pseudogen	high_mobil	0	0	0	1	1	0	0	0	0	0.270557
processed_	long_interg	2	1	7	3	7	1	0.082047	0.052607	0.346482	0.191023
lincRNA	-	3	5	4	2	4	0	0.25346	0.54171	0.407751	0.26227
lincRNA	-	0	0	0	9	6	4	0	0	0	2.112962
pseudogen	ribosomal_	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	0	8	8	8	0	0	0	5.062943
protein_co	ribosomal_	15193	12672	12664	19498	18410	17117	642.3806	687.0737	646.0525	1279.586
pseudogen	-	1	1	0	1	4	2	0.13552	0.173786	0	0.210346
lincRNA	-	0	0	0	1	0	0	0	0	0	0.093909
pseudogen	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	1	1	0	0	2	0	0.06186	0.079327	0	0
lincRNA	-	0	0	0	1	3	10	0	0	0	0.162093
pseudogen	-	0	0	0	2	0	1	0	0	0	0.28319
antisense	-	4	2	2	2	2	2	0.362085	0.232161	0.218438	0.281003
antisense	-	0	1	0	1	1	0	0	0.210982	0	0.255368
lincRNA	-	1	0	0	2	0	0	0.050365	0	0	0.156348
lincRNA	family_witl	1	0	1	1	1	0	0.007687	0	0.009275	0.011931
antisense	-	4	6	7	0	4	8	0.516694	0.993881	1.090988	0
lincRNA	-	0	0	0	1	13	0	0	0	0	0.02733
lincRNA	-	0	0	0	2	0	0	0	0	0	0.307088
sense_intrc	FBXO36_in	0	1	0	0	1	0	0	0.103316	0	0
antisense	-	1	0	1	0	1	1	0.062771	0	0.075737	0
lincRNA	-	0	0	0	3	0	0	0	0	0	0.389197
pseudogen	ribosomal_	0	1	0	0	0	0	0	0.122464	0	0
pseudogen	ribosomal_	0	0	0	0	3	0	0	0	0	0
pseudogen	up-regulate	0	1	0	1	0	0	0	0.339716	0	0.411185
pseudogen	patched_d	0	1	3	4	10	4	0	0.0499	0.140852	0.241593
processed_	-	7	4	0	3	2	2	0.21108	0.154675	0	0.140411
pseudogen	ribosomal_	0	0	0	0	1	2	0	0	0	0
pseudogen	-	1	1	2	0	0	0	0.189838	0.24344	0.458101	0
lincRNA	-	5	1	1	0	0	0	0.059264	0.0152	0.014301	0
pseudogen	carcinoeml	2	0	0	1	1	0	0.097586	0	0	0.075733
pseudogen	-	1	1	2	1	1	1	0.060193	0.077188	0.145252	0.093427
antisense	-	11	7	8	2	1	0	1.82258	1.487309	1.599308	0.514345
pseudogen	eukaryotic_	1	0	0	0	0	0	0.211216	0	0	0
processed_	-	10	3	10	14	25	34	0.239235	0.092035	0.288651	0.519856
pseudogen	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	1	2	1	0	0	0	0.015857	0.040669	0.019133	0
pseudogen	-	4	3	1	0	1	2	0.29537	0.284078	0.089095	0
pseudogen	fumarylace	48	46	48	70	66	27	2.332353	2.866291	2.814118	5.279364
sense_intrc	-	12	6	7	6	15	10	6.542793	4.195102	4.604983	5.077661
antisense	-	13	13	12	8	5	23	0.396597	0.50858	0.441709	0.378815
antisense	-	0	0	0	1	4	0	0	0	0	0.074953
processed_	deleted_in_	91	62	81	18	14	47	3.297521	2.881026	3.541434	1.012393
antisense	-	9	9	9	3	1	3	0.203968	0.26156	0.246099	0.105529
lincRNA	-	28	19	20	17	18	25	2.195519	1.910478	1.892157	2.068991
antisense	-	1	3	0	0	0	0	0.104899	0.403556	0	0

sense_intrc	-	0	1	0	0	0	0	0	0.118133	0	0
pseudogen	-	1	0	0	1	0	0	0.035071	0	0	0.054435
antisense	-	1	5	10	4	2	0	0.032699	0.209658	0.394529	0.203012
antisense	-	1	1	1	0	0	0	0.103055	0.132153	0.124342	0
pseudogen	-	0	1	0	0	0	1	0	0.351636	0	0
pseudogen	-	1	0	0	1	0	2	0.040774	0	0	0.063287
antisense	-	10	8	10	7	14	7	0.391402	0.401535	0.47225	0.425258
lincRNA	-	80	54	74	15	25	20	8.429666	7.296649	9.408062	2.453252
antisense	long_interg	0	0	1	0	0	0	0	0	0.029058	0
antisense	AGBL5_ant	3	0	1	1	10	1	0.345627	0	0.139006	0.17882
antisense	-	6	6	10	4	4	4	0.096482	0.123724	0.194018	0.099835
pseudogen	-	0	0	0	0	0	1	0	0	0	0
antisense	-	3	3	0	1	0	0	0.204166	0.261813	0	0.105631
antisense	DLG3_antis	2	2	2	0	1	0	0.217083	0.278379	0.261924	0
processed_	-	0	2	1	0	0	0	0	0.352667	0.165911	0
antisense	RPS6KA2_a	0	0	0	3	2	0	0	0	0	0.348229
pseudogen	-	1	1	1	1	2	1	0.13321	0.170823	0.160726	0.206761
antisense	-	3	5	8	10	5	12	0.244644	0.522868	0.787137	1.265736
pseudogen	2-oxoglutar	2	1	3	2	0	0	0.058907	0.03777	0.106612	0.091432
lincRNA	-	0	0	0	0	1	0	0	0	0	0
processed_	-	0	2	0	3	0	0	0	0.223116	0	0.405082
lincRNA	-	0	0	0	1	0	0	0	0	0	0.094397
protein_co	disrupted_i	11	7	11	4	1	4	0.167573	0.136747	0.202187	0.094581
lincRNA	long_interg	0	1	0	0	0	0	0	0.029797	0	0
lincRNA	-	5	1	0	1	5	0	0.23802	0.061045	0	0.073888
pseudogen	-	4	1	8	1	2	5	0.189838	0.06086	0.458101	0.073664
pseudogen	ribosomal_	1	2	0	7	1	1	0.099343	0.254787	0	1.079361
lincRNA	-	0	0	0	138	185	152	0	0	0	11.40024
processed_	long_interg	6	0	8	5	4	2	0.121372	0	0.195256	0.156988
antisense	-	0	0	0	0	2	0	0	0	0	0
pseudogen	Nanog_hon	1	0	2	1	1	0	0.053345	0	0.128727	0.082798
processed_	-	0	0	0	110	83	180	0	0	0	13.70852
pseudogen	-	1	0	0	0	0	0	0.287669	0	0	0
pseudogen	-	0	0	1	1	3	0	0	0	0.367373	0.472596
antisense	-	4	11	4	0	4	0	0.057183	0.201655	0.068995	0
lincRNA	-	0	0	0	1	1	0	0	0	0	0.133053
lincRNA	-	0	1	1	0	0	0	0	0.202457	0.19049	0
pseudogen	poly(A)_bin	1	1	2	5	4	3	0.07934	0.101742	0.191457	0.615734
lincRNA	-	1	2	0	0	3	0	0.055689	0.142826	0	0
processed_	-	32	24	29	20	34	12	0.580681	0.558481	0.634942	0.563311
lincRNA	-	2	0	0	5	4	13	0.060817	0	0	0.235992
processed_	-	0	0	1	0	0	0	0	0	0.024641	0
lincRNA	-	0	0	0	7	12	24	0	0	0	0.879894
processed_	-	37	20	40	18	28	20	0.494987	0.343109	0.645655	0.373762
antisense	-	0	0	0	1	2	0	0	0	0	0.134777
pseudogen	vomeronas	0	0	0	1	0	0	0	0	0	0.074953
processed_	-	7	9	6	5	6	3	0.267071	0.440332	0.276203	0.296094
sense_intrc	ARHGEF9_i	0	0	0	0	5	0	0	0	0	0
antisense	-	8	15	18	10	17	15	0.372513	0.895677	1.01128	0.722739
lincRNA	-	2	3	1	1	0	2	0.061576	0.118443	0.037147	0.047787
pseudogen	-	0	0	0	0	2	0	0	0	0	0
protein_co	tetraspanir	0	1	1	2	5	1	0	0.015704	0.014776	0.038015
pseudogen	glyceraldeh	0	0	0	1	1	2	0	0	0	0.272584
lincRNA	-	4	1	4	10	17	13	0.32733	0.104939	0.394942	1.270154
pseudogen	-	0	0	0	0	1	2	0	0	0	0
pseudogen	-	2	0	1	0	0	1	0.261226	0	0.157592	0
pseudogen	embigin_ps	14	17	15	17	28	22	0.726977	1.132012	0.939792	1.370162
lincRNA	CHODL_ant	0	0	0	0	0	1	0	0	0	0
antisense	-	3	5	4	0	1	1	0.339783	0.726205	0.546623	0
antisense	-	4	9	1	3	2	5	0.167914	0.484484	0.05065	0.195469
pseudogen	-	0	2	2	2	1	7	0	0.05263	0.049519	0.063702
antisense	DLX6_antis	1	1	0	0	1	1	0.009419	0.012079	0	0
pseudogen	microRNA_	9	5	7	10	9	9	0.895988	0.638321	0.840825	1.545219
lincRNA	-	0	1	1	1	0	0	0	0.021024	0.019782	0.025447
antisense	-	1	0	0	1	0	1	0.101494	0	0	0.157532

antisense	TMEM44_a	21	21	14	12	25	30	0.879974	1.128441	0.707826	0.78048
lincRNA	-	2	2	1	5	1	0	0.012309	0.015784	0.007426	0.047762
processed_	-	0	0	0	1	0	0	0	0	0	0.081318
processed_	-	2	2	6	3	1	0	0.186071	0.23861	0.673518	0.433213
lincRNA	-	0	0	0	0	0	5	0	0	0	0
pseudogen	diazepam_b	6	3	5	7	5	10	0.105095	0.067385	0.10567	0.19031
pseudogen	-	7	6	1	0	0	0	0.758037	0.833207	0.130659	0
antisense	-	29	36	21	56	69	43	1.448147	2.305296	1.265267	4.340435
pseudogen	double_C2-	9	6	7	33	46	21	0.362863	0.310214	0.340523	2.065119
antisense	-	2	6	2	1	0	1	0.051812	0.199325	0.062514	0.04021
sense_intro	ITCH_intron	3	1	0	2	5	1	0.676298	0.289086	0	0.699806
pseudogen	-	3	0	0	4	8	2	0.117519	0	0	0.243207
processed_	-	2	3	6	18	31	26	0.086833	0.167027	0.314308	1.212997
pseudogen	-	0	0	1	0	0	0	0	0	0.183687	0
lincRNA	-	0	1	0	0	0	0	0	0.182765	0	0
pseudogen	-	5	2	1	7	7	11	0.31898	0.163618	0.076973	0.693141
lincRNA	-	1	3	1	0	0	0	0.021749	0.083669	0.026241	0
pseudogen	-	4	0	0	0	1	0	0.091941	0	0	0
lincRNA	-	0	0	0	1	1	1	0	0	0	0.173285
antisense	-	2	0	0	0	1	2	0.275015	0	0	0
pseudogen	methylenet	0	1	1	3	1	0	0	0.021755	0.020469	0.078994
lincRNA	-	0	0	0	1	0	0	0	0	0	0.081683
antisense	-	0	1	1	0	0	0	0	0.101571	0.095567	0
pseudogen	-	2	1	0	4	1	1	0.123071	0.07891	0	0.382046
lincRNA	-	0	0	1	2	0	2	0	0	0.097042	0.249673
pseudogen	high_mobil	3	6	3	2	2	1	0.234841	0.602302	0.28335	0.243004
pseudogen	-	0	0	0	1	0	2	0	0	0	0.157874
pseudogen	ubiquitin-c	0	0	0	2	2	0	0	0	0	0.562006
antisense	-	7	3	4	13	12	9	0.580938	0.319273	0.400535	1.674579
antisense	-	3	1	7	2	6	8	0.247223	0.105676	0.696008	0.255817
processed_	-	0	1	1	0	2	0	0	0.122714	0.11546	0
pseudogen	-	1	0	1	0	1	0	0.11901	0	0.143593	0
antisense	-	1	0	0	0	1	0	0.081832	0	0	0
sense_intro	SIK3_intron	5	5	7	4	11	5	0.094842	0.121622	0.160206	0.117767
antisense	-	0	0	0	5	8	0	0	0	0	1.036749
antisense	IPO9_antis	2	1	1	1	1	5	0.111776	0.071668	0.067432	0.086746
pseudogen	-	0	1	0	0	0	1	0	0.066589	0	0
processed_	-	7	7	10	8	3	6	0.113183	0.145141	0.195088	0.200772
pseudogen	small_nucl	0	0	1	1	0	2	0	0	0.224506	0.288809
lincRNA	-	0	0	0	1	2	0	0	0	0	0.045261
antisense	F10_antise	0	0	0	0	0	1	0	0	0	0
pseudogen	NADH_deh	0	0	0	1	1	0	0	0	0	0.404332
pseudogen	MT-ND5_ps	1	0	0	0	0	1	0.134355	0	0	0
processed_	TRAF3IP2_a	40	26	41	94	111	43	0.856048	0.713544	1.058693	3.122456
antisense	-	0	0	0	2	2	7	0	0	0	0.104419
lincRNA	-	0	0	0	1	0	0	0	0	0	0.174114
antisense	-	1	0	0	0	0	1	0.053527	0	0	0
lincRNA	-	4	4	3	0	0	0	0.300096	0.384831	0.271562	0
antisense	-	0	0	0	0	1	0	0	0	0	0
pseudogen	SET_pseudo	0	2	1	0	4	1	0	0.147739	0.069503	0
pseudogen	glyceraldeh	0	0	0	1	1	5	0	0	0	0.075186
antisense	IDH1_antis	6	7	6	11	23	8	0.575338	0.860754	0.694178	1.637173
pseudogen	-	0	0	0	1	0	0	0	0	0	0.141046
pseudogen	sal-like_4_(	1	0	0	0	0	0	0.026642	0	0	0
pseudogen	-	0	0	0	2	1	0	0	0	0	0.341689
processed_	-	0	0	0	3	2	2	0	0	0	0.05543
protein_co	pregnancy_	0	0	2	0	0	0	0	0	0.039983	0
protein_co	TAP_bindin	2512	1918	2126	1221	1542	896	31.33486	30.68075	31.99775	23.64037
antisense	-	0	0	2	2	1	2	0	0	0.467566	0.601486
pseudogen	high_mobil	1	0	0	0	0	0	0.078807	0	0	0
pseudogen	-	0	0	0	3	4	4	0	0	0	2.140582
antisense	-	0	0	0	0	0	1	0	0	0	0
pseudogen	ribosomal_	1	0	2	10	12	16	0.080845	0	0.195088	1.254824
pseudogen	-	1	3	2	1	2	1	0.049099	0.188889	0.118483	0.076209
antisense	PHKA1_ant	0	2	1	1	0	1	0	0.201103	0.094608	0.121705

sense_intrc	HS1BP3_in	3	1	1	0	0	0	0.23445	0.100216	0.094293	0
pseudogen	-	3	7	5	2	0	2	0.153738	0.460009	0.309156	0.159082
antisense	-	0	0	1	0	0	0	0	0	0.134704	0
pseudogen	MT-ND2_ps	0	0	0	0	1	0	0	0	0	0
antisense	-	38	34	34	13	35	29	1.262807	1.448911	1.363265	0.670544
pseudogen	guanine_nu	1	1	0	0	0	0	0.050528	0.064795	0	0
pseudogen	-	0	0	0	0	0	2	0	0	0	0
pseudogen	-	1	2	1	4	7	8	0.090173	0.231268	0.108799	0.559845
lincRNA	-	0	1	2	0	2	1	0	0.170339	0.320541	0
pseudogen	-	0	0	1	0	0	1	0	0	0.264372	0
antisense	-	0	4	0	0	0	1	0	0.235342	0	0
antisense	-	17	11	14	7	6	4	1.454617	1.206985	1.44536	0.929669
lincRNA	-	1	1	1	0	1	0	0.034478	0.044213	0.0416	0
lincRNA	long_interg	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	0	3	3	5	0	0	0	0.40284
pseudogen	-	0	1	0	0	2	1	0	0.195863	0	0
pseudogen	ribosomal_	0	1	0	0	1	0	0	0.082483	0	0
pseudogen	-	8	8	10	17	37	14	1.136728	1.457692	1.714409	3.749262
lincRNA	long_interg	1	0	0	0	0	0	0.107793	0	0	0
pseudogen	protein_ph	1	0	2	0	1	0	0.023551	0	0.056831	0
lincRNA	-	0	0	0	3	6	1	0	0	0	0.558413
pseudogen	annexin_A2	143	135	154	13	13	13	5.118529	6.196582	6.650861	0.722242
processed_	-	1	1	0	0	0	0	0.111643	0.143166	0	0
processed_	-	9	8	7	15	15	11	0.923436	1.0526	0.866583	2.388834
pseudogen	-	28	31	29	3	0	3	2.18456	3.101537	2.729933	0.363294
protein_co	family_witl	0	0	0	0	1	0	0	0	0	0
antisense	-	6	14	12	0	5	4	0.330599	0.989209	0.797774	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
processed_	-	0	1	0	0	1	5	0	0.04857	0	0
antisense	-	0	0	0	0	1	1	0	0	0	0
protein_co	HCG17865	3	2	1	0	0	1	0.078193	0.066848	0.031448	0
pseudogen	-	3	1	0	0	0	0	0.560438	0.239561	0	0
lincRNA	-	1	0	0	0	0	0	0.056975	0	0	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
processed_	LEF1_antise	29	17	14	0	1	1	0.404706	0.304228	0.235731	0
pseudogen	-	2	1	1	9	22	14	0.074017	0.047458	0.044653	0.516984
lincRNA	-	0	0	0	1	0	0	0	0	0	0.107662
pseudogen	LSM12_hor	16	12	11	12	21	22	1.275919	1.227139	1.058385	1.485302
pseudogen	-	2	2	1	5	0	1	0.098199	0.125926	0.059241	0.381046
lincRNA	-	2	0	0	2	2	1	0.186071	0	0	0.288809
pseudogen	-	0	0	0	0	0	1	0	0	0	0
sense_intrc	-	0	3	1	0	0	0	0	0.251589	0.078906	0
pseudogen	-	0	0	0	0	2	1	0	0	0	0
protein_co	SCAN_dom	65	36	31	63	78	89	0.624944	0.443853	0.359615	0.940153
pseudogen	proteasom	0	3	0	0	0	0	0	0.402655	0	0
antisense	-	14	10	14	7	6	4	0.143113	0.131087	0.172674	0.111066
processed_	-	7	22	10	2	0	0	0.098597	0.397373	0.169947	0.043725
processed_	-	6	2	1	2	0	0	0.412522	0.176334	0.082955	0.213431
lincRNA	-	2	0	1	0	0	0	0.105489	0	0.063639	0
antisense	-	0	0	0	1	0	5	0	0	0	0.021387
lincRNA	-	0	1	0	0	0	0	0	0.061608	0	0
pseudogen	-	7	1	5	6	3	0	1.127939	0.206632	0.972088	1.500614
pseudogen	-	0	0	1	0	3	1	0	0	0.093979	0
processed_	-	3	3	2	1	2	2	0.065065	0.083436	0.052336	0.033663
antisense	-	1	1	2	3	5	5	0.134741	0.172787	0.325147	0.627412
protein_co	transmemb	0	1	3	4	2	2	0	0.039404	0.111223	0.190773
antisense	-	4	0	1	0	2	3	0.330794	0	0.09978	0
pseudogen	mitochond	8	5	2	2	5	3	0.73409	0.588354	0.221431	0.284852
lincRNA	-	5	0	0	0	0	0	0.300963	0	0	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
sense_intrc	LARGE_intr	0	0	0	2	1	2	0	0	0	0.26086
sense_intrc	RPS6KA2_i	4	2	0	3	3	4	0.323938	0.207702	0	0.377097
lincRNA	-	5	3	5	0	0	0	0.075265	0.05791	0.090811	0
antisense	-	0	1	2	0	0	1	0	0.161206	0.303354	0
antisense	-	6	6	4	15	14	13	0.342263	0.438904	0.275307	1.328099

pseudogen	-	1	3	0	2	2	1	0.131714	0.506712	0	0.408875
lincRNA	-	166	141	144	89	154	61	2.544538	2.771592	2.663247	2.11749
pseudogen	-	0	0	0	0	2	2	0	0	0	0
lincRNA	-	2	8	8	15	23	11	0.169891	0.871446	0.819935	1.977712
antisense	-	5	3	4	0	1	0	0.388806	0.299153	0.375294	0
pseudogen	-	0	1	0	0	1	0	0	0.005091	0	0
protein_co	translation	232	180	208	169	175	254	15.81175	15.73163	17.10422	17.8776
pseudogen	-	0	1	0	0	0	0	0	0.131575	0	0
lincRNA	-	3	1	0	2	1	1	0.150449	0.06431	0	0.155679
lincRNA	-	2	1	1	0	0	0	0.013687	0.008776	0.008257	0
lincRNA	BACH1_ant	1	2	2	2	0	0	0.194564	0.499002	0.469506	0.603982
protein_co	malignant_	407	337	294	198	195	241	16.88871	17.93251	14.71964	12.75257
antisense	-	6	3	5	7	9	0	0.352115	0.225769	0.354039	0.63762
pseudogen	-	2	2	2	2	5	2	0.480923	0.616716	0.580262	0.746459
antisense	-	0	1	0	0	1	0	0	0.12002	0	0
pseudogen	-	0	2	1	0	1	0	0	0.309947	0.145813	0
pseudogen	double_ho	2	0	0	1	3	2	0.13611	0	0	0.105631
lincRNA	long_interg	0	0	0	0	0	1	0	0	0	0
pseudogen	flavin_cont	0	0	0	1	0	0	0	0	0	0.053124
pseudogen	fer_(fps/fes	8	6	1	1	3	0	0.473039	0.454954	0.071344	0.091778
pseudogen	suppressio	7	7	11	6	4	6	0.300302	0.385095	0.569378	0.399523
processed_	-	1	0	1	2	1	0	0.008183	0	0.009874	0.025403
pseudogen	-	0	0	0	0	0	1	0	0	0	0
antisense	-	18	11	17	5	8	7	0.242953	0.190394	0.276852	0.104749
antisense	USP12_ant	0	0	2	1	0	1	0	0	0.422205	0.271566
pseudogen	ribosomal_	8	7	7	2	1	3	1.254582	1.407721	1.32451	0.486821
lincRNA	-	0	0	0	5	2	1	0	0	0	0.216736
pseudogen	olfactory_r	0	0	1	0	1	0	0	0	0.060965	0
pseudogen	-	0	0	0	0	1	2	0	0	0	0
antisense	-	1	2	1	2	2	1	0.330211	0.846899	0.398419	1.025068
processed_	-	2	0	0	0	0	0	0.24108	0	0	0
pseudogen	-	2	6	3	4	13	15	0.076368	0.293794	0.138214	0.237068
pseudogen	ferritin_hea	9	9	8	18	13	5	0.764511	0.980377	0.819935	2.373254
lincRNA	-	0	0	0	0	0	2	0	0	0	0
processed_	-	0	1	0	1	0	0	0	0.014727	0	0.017825
antisense	-	5	10	7	0	0	0	0.289445	0.742343	0.488924	0
antisense	-	0	0	0	1	1	0	0	0	0	0.101365
pseudogen	translocase	0	0	0	3	1	8	0	0	0	0.921263
protein_co	MT-RNR2-li	0	0	0	0	1	0	0	0	0	0
antisense	-	0	0	0	1	1	0	0	0	0	0.16965
pseudogen	-	0	0	3	1	3	0	0	0	0.17319	0.074265
pseudogen	prohibitin_	9	2	3	4	5	9	0.634602	0.180841	0.255228	0.437773
pseudogen	ferritin_ligl	0	0	0	0	3	0	0	0	0	0
pseudogen	-	1	5	1	0	2	5	0.233284	1.495766	0.28147	0
lincRNA	long_interg	11	11	7	10	13	4	0.142483	0.182715	0.1094	0.201049
pseudogen	-	3	2	3	0	0	0	0.442359	0.378175	0.533731	0
processed_	long_interg	0	0	0	0	0	1	0	0	0	0
processed_	-	1	1	0	35	32	17	0.025595	0.032822	0	1.390444
protein_co	achaete-scu	2	2	3	7	5	0	0.046288	0.059358	0.083774	0.25146
pseudogen	RBPJ_pseu	0	0	0	0	1	1	0	0	0	0
lincRNA	-	2	2	2	1	0	1	0.483402	0.619895	0.583253	0.375154
protein_co	transmemb	0	1	0	2	3	4	0	0.093369	0	0.226024
pseudogen	basic_trans	0	0	0	0	5	1	0	0	0	0
protein_co	olfactory_r	1	0	0	1	0	0	0.044785	0	0	0.069513
pseudogen	integrator_	3	2	1	5	2	0	0.100264	0.085716	0.040325	0.259372
pseudogen	ferritin_hea	4	2	3	2	1	1	0.352557	0.226052	0.319035	0.273608
lincRNA	-	0	0	0	5	13	3	0	0	0	0.062926
pseudogen	-	0	1	1	0	0	0	0	0.113882	0.107151	0
lincRNA	-	1	0	0	0	0	0	0.073037	0	0	0
pseudogen	MT-ND1_ps	1	0	0	1	0	0	0.049989	0	0	0.07759
antisense	GNG12_ant	54	59	60	4	3	3	1.134436	1.589452	1.520847	0.13043
antisense	SLC6A1_an	1	0	0	0	0	0	0.080291	0	0	0
antisense	-	0	4	2	4	1	1	0	0.607372	0.285735	0.73515
pseudogen	phosphorib	0	0	0	10	9	4	0	0	0	0.756547
antisense	-	74	52	59	13	11	15	3.667929	3.305232	3.528493	1.000145

antisense	-	0	0	0	1	1	0	0	0	0	0.085023
sense_intrc	family_witl	11	4	7	4	5	12	0.236276	0.110178	0.181415	0.133357
antisense	-	0	0	0	612	779	488	0	0	0	58.91698
pseudogen	-	7	1	0	2	1	2	0.335271	0.06142	0	0.148682
pseudogen	Charcot-Le	0	0	0	0	7	7	0	0	0	0
antisense	-	0	0	0	0	0	1	0	0	0	0
processed_	-	3	2	0	0	0	0	0.157702	0.13482	0	0
lincRNA	-	1	0	1	1	0	3	0.100839	0	0.121668	0.156516
pseudogen	-	16	12	9	5	10	4	1.462457	1.406545	0.992553	0.709355
lincRNA	-	3	1	1	1	0	1	0.25346	0.108342	0.101938	0.131135
lincRNA	-	1	1	0	17	19	51	0.061779	0.079222	0	1.630114
pseudogen	-	1	0	0	0	0	0	0.018468	0	0	0
pseudogen	ribosomal_	3	2	2	3	0	1	0.302516	0.258623	0.243336	0.469547
pseudogen	-	1	0	0	4	1	1	0.089314	0	0	0.554513
antisense	-	0	0	1	0	0	0	0	0	0.104964	0
lincRNA	-	0	0	0	0	1	1	0	0	0	0
antisense	-	0	1	0	2	0	1	0	0.067034	0	0.162274
pseudogen	-	10	14	13	7	5	4	0.549707	0.98689	0.862229	0.597255
pseudogen	-	3	0	2	4	7	1	0.345627	0	0.278012	0.715281
processed_	-	18	35	18	8	26	11	1.195496	2.980939	1.442435	0.8247
antisense	-	7	5	4	6	12	6	0.971095	0.889494	0.669533	1.291949
antisense	VIPR1_anti	1	0	1	11	3	1	0.057889	0	0.069846	0.988368
antisense	-	1	1	0	0	0	1	0.058466	0.074975	0	0
antisense	-	0	0	1	0	0	0	0	0	0.147332	0
antisense	-	0	0	0	1	1	0	0	0	0	0.133541
pseudogen	-	1	0	0	2	3	2	0.095305	0	0	0.295853
pseudogen	-	15	5	16	10	21	17	1.953751	0.835136	2.514467	2.021661
pseudogen	G_protein-	0	0	2	0	0	0	0	0	0.104191	0
antisense	-	4	4	3	1	0	2	0.179312	0.229942	0.162262	0.069579
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	olfactory_r	0	0	0	1	0	0	0	0	0	0.078851
pseudogen	ribosomal_	3	0	0	4	6	2	0.17739	0	0	0.367111
lincRNA	-	0	1	0	10	9	1	0	0.01539	0	0.186281
pseudogen	spindle_an	1	0	0	1	2	0	0.120231	0	0	0.186615
lincRNA	long_interg	326	306	269	376	485	408	30.2696	36.43508	30.13626	54.18853
pseudogen	-	0	0	0	0	2	0	0	0	0	0
antisense	-	0	0	1	0	0	0	0	0	0.135348	0
lincRNA	-	0	0	0	2	0	2	0	0	0	0.18519
antisense	-	0	1	0	0	2	0	0	0.101915	0	0
pseudogen	transmemb	0	0	0	0	1	0	0	0	0	0
processed_	-	1	0	1	1	0	0	0.01736	0	0.020946	0.026946
pseudogen	-	2	0	0	0	1	0	0.189455	0	0	0
lincRNA	-	0	2	0	0	2	0	0	0.237667	0	0
lincRNA	-	1	2	1	0	1	6	0.143834	0.368894	0.173544	0
antisense	-	3	0	0	0	0	0	0.264417	0	0	0
lincRNA	blepharopl	0	0	0	0	4	0	0	0	0	0
pseudogen	-	1	0	0	0	0	0	0.032608	0	0	0
pseudogen	-	5	1	1	1	2	0	0.693639	0.177899	0.167383	0.215325
pseudogen	-	1	0	0	8	7	8	0.039304	0	0	0.488046
protein_co	chromosor	205	123	167	18	29	40	3.279582	2.523359	3.223511	0.446959
lincRNA	-	0	1	0	0	0	0	0	0.07451	0	0
pseudogen	ribosomal_	18	28	20	7	13	1	1.610726	3.213043	2.15937	0.972249
antisense	-	49	30	44	66	96	53	2.868428	2.252052	3.107768	5.996838
antisense	-	4	1	3	842	974	518	0.266043	0.08529	0.240747	86.92283
pseudogen	-	6	7	9	6	3	7	0.376123	0.562712	0.680721	0.583795
lincRNA	-	0	0	0	0	1	1	0	0	0	0
lincRNA	-	14	4	4	3	0	2	0.542081	0.198612	0.186872	0.180297
pseudogen	-	4	5	6	2	1	3	0.534359	0.85655	0.967103	0.4147
antisense	LARS2_anti	2	1	6	0	3	2	0.163096	0.104574	0.590353	0
pseudogen	-	4	0	0	0	3	0	0.266421	0	0	0
pseudogen	-	2	6	5	3	11	13	0.088555	0.340679	0.267118	0.206175
lincRNA	-	1	0	0	0	0	0	0.01437	0	0	0
pseudogen	bone_morp	2	0	0	3	8	3	0.092485	0	0	0.215325
pseudogen	-	4	0	1	5	3	2	0.504194	0	0.152085	0.978223
pseudogen	translation	0	0	0	0	1	2	0	0	0	0

lincRNA	-	4	6	6	4	9	3	0.467731	0.899698	0.846516	0.725983
pseudogen	eukaryotic_	22	28	26	36	37	49	1.521505	2.483236	2.169562	3.864414
pseudogen	-	0	0	0	0	2	2	0	0	0	0
antisense	-	59	48	52	3	1	3	4.966806	5.181742	5.281735	0.391992
pseudogen	-	0	1	0	0	0	0	0	0.14115	0	0
processed_	-	6	4	6	2	5	0	0.37512	0.320692	0.452604	0.194079
pseudogen	-	1	1	0	0	3	0	0.019265	0.024704	0	0
sense_intrc	RASA3_intr	14	5	1	0	1	2	1.727527	0.791182	0.148883	0
pseudogen	microfibril	0	3	8	0	0	0	0	0.143737	0.360641	0
antisense	OSBPL10_a	5	1	0	6	3	4	0.407739	0.104574	0	0.759441
pseudogen	-	3	0	5	0	9	2	0.165494	0	0.332797	0
pseudogen	ribosomal_	2	1	0	0	3	0	0.187186	0.12002	0	0
antisense	-	1	0	0	0	0	0	0.118409	0	0	0
pseudogen	-	6	3	5	9	6	8	0.273411	0.175306	0.274905	0.636558
pseudogen	-	0	0	0	1	0	0	0	0	0	0.212186
processed_	-	9	2	0	0	1	0	0.538966	0.153588	0	0
processed_	-	0	0	0	1	0	0	0	0	0	0.156853
pseudogen	-	0	1	1	3	3	2	0	0.008595	0.008087	0.031209
antisense	-	0	1	0	2	6	0	0	0.108931	0	0.263695
antisense	-	4	1	0	2	1	1	0.418661	0.134218	0	0.32491
antisense	-	0	0	1	0	0	1	0	0	0.032054	0
antisense	-	0	0	0	1	1	0	0	0	0	0.161374
pseudogen	-	0	0	0	2	5	3	0	0	0	0.169452
lincRNA	-	263	266	241	3	13	8	20.38359	26.43723	22.53669	0.360892
pseudogen	-	3	1	3	2	1	0	0.102904	0.043987	0.12416	0.106481
antisense	-	2	1	1	1	0	0	0.116064	0.074418	0.070019	0.090074
pseudogen	-	3	2	2	1	0	3	0.13321	0.113882	0.107151	0.06892
antisense	-	0	0	0	1	0	0	0	0	0	0.09627
antisense	-	146	118	132	100	141	112	10.56473	10.94956	11.52464	11.23145
pseudogen	olfactory_r	0	0	0	2	2	2	0	0	0	0.156348
processed_	-	2	0	2	0	2	3	0.178289	0	0.215116	0
pseudogen	ribosomal_	0	0	1	0	0	0	0	0	0.187958	0
sense_intrc	DPYD_intrc	0	1	2	0	0	0	0	0.14995	0.282172	0
sense_intrc	-	16	11	21	12	13	11	1.344517	1.185354	2.129186	1.565157
pseudogen	-	8	10	8	6	5	11	1.258792	2.017778	1.518806	1.465365
lincRNA	-	0	1	0	0	1	0	0	0.117902	0	0
pseudogen	-	1	0	0	0	0	0	0.041024	0	0	0
pseudogen	-	205	159	163	111	163	178	10.03388	9.979789	9.626104	8.432733
protein_co	chromosor	1	0	0	0	0	0	0.065672	0	0	0
pseudogen	general_tra	54	49	39	75	108	101	0.963127	1.120715	0.839271	2.076259
antisense	-	16	7	8	9	14	6	0.388323	0.217862	0.234267	0.339036
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	ribosomal_	114	96	108	203	197	201	12.63703	13.64648	14.44481	34.92742
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	1	1	0	0	0	0	0.322035
pseudogen	G_protein-	0	0	0	4	6	0	0	0	0	1.420094
processed_	-	3	2	2	0	0	0	0.327902	0.280325	0.263755	0
processed_	-	9	5	4	3	3	5	0.293063	0.208784	0.157154	0.151625
pseudogen	eukaryotic_	4	4	3	3	3	4	0.135422	0.17366	0.122546	0.157646
lincRNA	-	0	1	0	0	0	0	0	0.107953	0	0
lincRNA	-	38	25	32	31	22	9	1.489817	1.256894	1.513726	1.886433
pseudogen	-	3	3	0	5	8	1	0.263427	0.337808	0	0.681459
antisense	-	5	3	5	11	22	11	0.422433	0.325026	0.509689	1.442483
lincRNA	-	0	0	0	0	6	0	0	0	0	0
pseudogen	translocase	2	1	5	4	1	5	0.352557	0.226052	1.063449	1.094433
lincRNA	-	18	21	18	19	31	9	0.279662	0.418398	0.337428	0.45819
antisense	-	1	2	1	9	1	1	0.046061	0.118133	0.055575	0.643436
pseudogen	-	0	0	0	1	0	1	0	0	0	0.067702
lincRNA	-	1	0	0	1	5	0	0.084639	0	0	0.131371
antisense	-	4	2	2	2	1	3	0.322268	0.206632	0.194418	0.250102
pseudogen	-	1	0	0	0	4	0	0.040043	0	0	0
pseudogen	-	3	3	0	5	4	0	0.391839	0.502477	0	1.013646
sense_intrc	-	5	5	3	1	1	1	0.296772	0.380568	0.214844	0.092126
protein_co	major_hist	0	1	0	0	2	0	0	0.029679	0	0
pseudogen	phosphorib	10	21	20	13	12	32	0.500427	1.347626	1.207588	1.009752

antisense	-	1	3	2	1	3	1	0.013951	0.053671	0.033666	0.021654
pseudogen	-	121	90	106	23	33	40	1.032331	0.984658	1.091158	0.304573
antisense	-	15	25	21	44	74	72	1.745286	3.730136	2.948103	7.946182
antisense	-	2	0	2	0	0	1	0.118409	0	0.142867	0
antisense	-	5	3	5	1	2	2	0.456129	0.350952	0.550345	0.141595
pseudogen	-	0	2	0	0	0	0	0	0.561961	0	0
antisense	-	15	10	12	12	17	14	1.258229	1.075667	1.214501	1.562357
lincRNA	-	0	0	0	15	40	19	0	0	0	2.469903
protein_co	golgin_A8_	6	10	6	2	3	2	0.140881	0.301101	0.169981	0.072889
antisense	IDI2_antise	0	1	0	0	0	1	0	0.057049	0	0
pseudogen	lactate_deh	0	0	0	0	0	1	0	0	0	0
protein_co	Uncharacte	1	2	2	0	1	4	0.075386	0.193343	0.181915	0
pseudogen	alcohol_de	0	0	1	0	0	0	0	0	0.050334	0
lincRNA	long_interg	75	39	61	1175	1399	1815	1.287244	0.858368	1.263216	31.30171
lincRNA	-	4	4	2	0	0	1	0.333737	0.42797	0.201336	0
antisense	-	0	2	5	2	6	2	0	0.077788	0.182974	0.094152
antisense	ATP11A_an	0	1	1	14	10	5	0	0.027431	0.02581	0.464834
sense_intrc	ARID4B_int	2	5	3	6	3	2	0.202549	0.64935	0.36658	0.943151
sense_intrc	-	0	0	0	0	3	1	0	0	0	0
pseudogen	-	0	0	1	0	0	0	0	0	0.181915	0
antisense	-	3	2	11	9	2	7	0.130492	0.111558	0.577301	0.607624
processed_	-	2	3	0	0	3	1	0.176943	0.340357	0	0
antisense	-	0	1	0	0	0	0	0	0.12959	0	0
lincRNA	-	1	5	1	1	5	0	0.101274	0.64935	0.122193	0.157192
pseudogen	3-hydroxyb	0	1	0	0	0	0	0	0.081477	0	0
pseudogen	-	0	1	0	3	0	0	0	0.131575	0	0.477767
pseudogen	NUT_family	0	1	0	0	2	0	0	0.035412	0	0
pseudogen	MAP/microt	5	3	2	0	0	3	0.135756	0.104452	0.065519	0
sense_intrc	-	6	7	5	11	7	7	0.421799	0.631047	0.424104	1.200267
antisense	-	4	9	3	11	11	8	0.034934	0.100795	0.031612	0.149111
pseudogen	-	3	6	6	1	1	0	0.350798	0.899698	0.846516	0.181496
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	tripartite_r	8	4	1	0	0	0	0.284182	0.182212	0.04286	0
lincRNA	-	0	0	1	1	5	0	0	0	0.044583	0.057352
processed_	-	0	0	0	0	1	1	0	0	0	0
pseudogen	-	0	0	1	0	0	1	0	0	0.019865	0
antisense	-	2	1	5	2	3	1	0.102604	0.065788	0.309494	0.159256
processed_	-	8	10	19	3	14	13	0.295836	0.47421	0.84774	0.172192
processed_	-	2	0	1	0	0	1	0.095499	0	0.057613	0
antisense	-	7	3	7	4	6	3	0.413388	0.227191	0.498776	0.366649
pseudogen	ras_homol	7	2	2	1	4	1	0.54705	0.200433	0.188585	0.1213
pseudogen	ankyrin_rep	0	1	0	2	1	2	0	0.034439	0	0.083367
pseudogen	-	3	0	2	0	1	0	0.408925	0	0.328927	0
pseudogen	-	0	0	1	0	0	0	0	0	0.179036	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
antisense	-	2	1	2	0	0	1	0.262689	0.168431	0.31695	0
antisense	-	0	5	1	1	4	4	0	0.153002	0.028792	0.037038
pseudogen	eukaryotic_	0	1	0	2	1	1	0	0.061108	0	0.147926
processed_	-	3	0	1	0	0	2	0.057841	0	0.023263	0
antisense	-	14	0	3	1	4	12	0.872952	0	0.2257	0.096782
antisense	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	1	0	0	4	2	1	0.287669	0	0	1.786007
protein_co	Uncharacte	0	0	0	3	1	2	0	0	0	0.131927
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	mitochond	0	0	0	0	1	1	0	0	0	0
pseudogen	ribosomal_	0	0	1	3	0	2	0	0	0.124342	0.479867
pseudogen	-	0	0	0	1	1	0	0	0	0	0.116448
pseudogen	-	0	0	0	1	0	0	0	0	0	0.085422
pseudogen	olfactory_r	0	0	1	0	0	0	0	0	0.148883	0
antisense	-	2	1	1	4	6	2	0.124377	0.079748	0.075034	0.3861
processed_	-	0	0	0	14	20	17	0	0	0	2.279457
pseudogen	ferritin_hea	3	0	0	2	0	0	0.299936	0	0	0.310362
pseudogen	DnaJ_(Hsp4	0	1	1	0	0	0	0	0.232161	0.218438	0
pseudogen	crystallin_g	0	1	0	0	0	0	0	0.094992	0	0
pseudogen	solute_carr	0	0	0	1	0	0	0	0	0	0.053397

antisense	-	4	2	1	6	1	0	0.132085	0.08469	0.039842	0.30752
antisense	-	0	1	0	0	0	0	0	0.093953	0	0
protein_co	tumor_nec	0	1	0	0	0	0	0	0.035877	0	0
antisense	-	7	9	7	10	12	5	0.13914	0.229406	0.16788	0.30852
antisense	COL4A2_ar	25	21	22	5	3	1	2.170834	2.338381	2.304928	0.673887
pseudogen	-	27	22	32	0	8	3	1.770672	1.850148	2.532051	0
pseudogen	ribosomal_	16	13	18	19	32	19	0.841077	0.876331	1.141658	1.550242
antisense	-	5	5	8	0	0	0	0.137025	0.175715	0.264526	0
pseudogen	-	1	1	0	1	0	0	0.114927	0.147377	0	0.178382
antisense	-	1	0	0	0	0	0	0.050692	0	0	0
pseudogen	-	1	0	0	0	1	0	0.115493	0	0	0
protein_co	family_witl	7	2	5	7	9	7	0.217948	0.079854	0.187834	0.338286
lincRNA	-	0	0	0	1	1	0	0	0	0	0.045544
pseudogen	sorting_ne	0	0	0	1	3	0	0	0	0	0.090074
pseudogen	solute_carr	0	0	0	1	0	0	0	0	0	0.082798
pseudogen	-	11	4	11	0	0	0	0.644738	0.300649	0.777913	0
protein_co	-	2	5	8	3	5	1	0.134741	0.431967	0.650293	0.313706
pseudogen	capicua_tr	2	2	4	3	4	1	0.03335	0.042767	0.080477	0.077646
lincRNA	-	0	0	2	2	0	0	0	0	0.125723	0.161733
protein_co	LYR_motif_	17	24	21	17	27	7	0.28227	0.511018	0.42071	0.438122
processed_	SMG7_anti	6	7	10	4	1	4	0.125263	0.187404	0.251895	0.129617
pseudogen	-	2	0	1	0	0	0	0.104432	0	0.063002	0
pseudogen	-	0	1	0	1	2	0	0	0.200433	0	0.242599
pseudogen	secretory_l	2	2	2	3	5	3	0.062065	0.079589	0.074885	0.1445
pseudogen	CTAGE_fam	1	1	0	9	9	6	0.019505	0.025012	0	0.27247
antisense	-	0	0	0	3	2	1	0	0	0	0.507766
pseudogen	high_mobil	0	1	0	1	0	0	0	0.222703	0	0.269555
antisense	-	1	0	1	2	2	0	0.059354	0	0.071615	0.184253
antisense	DPYD_antis	1	1	0	0	0	0	0.087974	0.112814	0	0
pseudogen	-	0	0	0	5	2	4	0	0	0	2.103462
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	phosphory	0	0	4	1	3	2	0	0	0.364415	0.117198
lincRNA	-	0	0	1	0	0	0	0	0	0.069333	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	ribosomal_	40	59	58	6	14	13	3.859261	7.299708	6.751809	0.898516
sense_intrc	-	1	1	0	0	2	0	0.124048	0.159074	0	0
antisense	-	0	0	0	2	3	3	0	0	0	0.297668
pseudogen	mitochond	1	1	2	0	0	0	0.090521	0.116081	0.218438	0
pseudogen	cytochrom	11	6	9	6	5	11	1.754388	1.227139	1.731903	1.485302
pseudogen	-	0	0	0	5	12	6	0	0	0	0.292759
processed_	-	3	1	1	10	20	11	0.18781	0.08028	0.075535	0.971693
antisense	-	2	1	3	7	6	8	0.140179	0.08988	0.253702	0.761523
antisense	-	0	0	2	7	3	1	0	0	0.219285	0.987323
antisense	-	4	1	1	0	0	0	0.116352	0.037301	0.035096	0
pseudogen	-	0	2	2	1	1	0	0	0.095977	0.090304	0.058084
pseudogen	high_mobil	1	0	0	0	0	0	0.173667	0	0	0
pseudogen	-	1	0	0	0	0	0	0.157879	0	0	0
pseudogen	-	2	2	3	0	0	0	0.137507	0.176334	0.248866	0
pseudogen	DEAD_(Asp	6	3	0	0	1	2	0.144277	0.092507	0	0
lincRNA	long_interg	293	298	277	12	12	22	5.843801	7.621727	6.665851	0.371483
antisense	-	1	0	0	7	4	0	0.083286	0	0	0.9049
pseudogen	-	0	1	3	4	5	8	0	0.026653	0.075233	0.129042
antisense	-	1	0	1	2	0	0	0.098096	0	0.118359	0.304518
antisense	HLA_compl	5	3	6	1	3	2	0.308893	0.237667	0.447237	0.095889
pseudogen	-	2	0	2	20	23	10	0.283323	0	0.341846	4.397571
lincRNA	-	0	0	0	1	0	0	0	0	0	0.130664
pseudogen	-	0	0	0	1	0	0	0	0	0	0.04476
pseudogen	-	2	0	0	0	0	1	0.052715	0	0	0
pseudogen	heat_shock	2	0	0	1	0	0	0.048641	0	0	0.037749
lincRNA	small_nucl	238	161	189	337	360	528	3.581458	3.106835	3.431569	7.871243
pseudogen	high_mobil	0	1	0	0	0	0	0	0.220256	0	0
antisense	-	0	2	1	1	0	0	0	0.946926	0.445476	0.573069
pseudogen	polymerase	1	0	1	4	3	0	0.099766	0	0.120373	0.619403
antisense	CYP1B1_an	20	9	12	1	2	1	0.533751	0.308007	0.386401	0.041423
lincRNA	long_interg	41	49	36	0	3	1	0.921174	1.411768	0.975907	0

antisense	-	0	1	0	0	1	0	0	0.147017	0	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.153869
lincRNA	-	2	1	1	13	16	0	0.129889	0.083282	0.078359	1.31044
pseudogen	ribosomal_	1	1	1	0	0	0	0.063279	0.081147	0.07635	0
processed_	-	20	19	17	19	18	28	0.650798	0.792829	0.667442	0.959623
antisense	-	1	0	0	0	0	0	0.062855	0	0	0
pseudogen	-	0	0	1	0	0	0	0	0	0.023111	0
lincRNA	-	1	0	0	0	0	0	0.093036	0	0	0
processed_	-	10	2	3	13	8	4	0.261663	0.067109	0.094713	0.527978
processed_	-	0	1	1	0	0	0	0	0.018927	0.017808	0
antisense	NALCN_ant	18	13	5	1	0	0	0.296564	0.274662	0.099395	0.025573
pseudogen	ribulose-5-p	6	6	5	1	1	3	0.467342	0.5993	0.469896	0.120897
pseudogen	histone_de	0	0	0	6	10	11	0	0	0	0.31236
lincRNA	family_witl	2	2	6	9	4	9	0.052245	0.066997	0.18911	0.364913
antisense	small_nucl	585	435	420	611	666	764	11.63796	11.09735	10.08134	18.86655
lincRNA	-	0	0	0	1	1	0	0	0	0	0.152578
antisense	-	1	1	0	0	1	0	0.084032	0.107759	0	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.091778
protein_co	NPIP-like_p	2	1	0	0	0	0	0.060621	0.038869	0	0
pseudogen	crystallin_z	11	16	14	11	10	10	0.544657	1.015921	0.836386	0.845383
processed_	-	1	0	1	2	2	3	0.013235	0	0.015968	0.041084
antisense	-	2	0	2	2	2	0	0.026469	0	0.031936	0.041084
antisense	CASK_antis	2	0	1	0	1	0	0.182097	0	0.109855	0
antisense	-	1	1	0	0	3	2	0.0109	0.013977	0	0
protein_co	proline/his	0	0	1	0	0	0	0	0	0.099081	0
antisense	-	2	0	0	1	0	2	0.221702	0	0	0.172056
pseudogen	-	1	0	0	3	0	0	0.073611	0	0	0.342762
lincRNA	-	0	0	1	1	0	0	0	0	0.018653	0.023996
sense_intro	-	1	0	0	0	0	0	0.130613	0	0	0
antisense	endogenou	3	5	3	438	650	305	0.050419	0.107759	0.060834	11.42565
pseudogen	eukaryotic_	0	1	0	0	0	0	0	0.043699	0	0
processed_	-	2	0	2	23	65	16	0.034993	0	0.042221	0.624603
lincRNA	-	0	1	0	0	0	1	0	0.134218	0	0
sense_intro	TTLL7_intro	1	2	0	0	1	0	0.016053	0.041171	0	0
lincRNA	-	0	0	0	0	2	0	0	0	0	0
processed_	-	2	2	0	1	0	0	0.130613	0.167492	0	0.101365
lincRNA	-	4	4	5	0	0	0	0.415876	0.533302	0.627223	0
antisense	-	0	1	0	0	0	0	0	0.201103	0	0
processed_	ZFY_antiser	0	1	0	0	0	1	0	0.12026	0	0
pseudogen	-	0	0	3	0	1	0	0	0	0.440848	0
antisense	-	1	0	0	0	1	0	0.068253	0	0	0
processed_	-	3	0	0	0	1	1	0.06252	0	0	0
processed_	-	0	0	0	1	0	0	0	0	0	0.112315
lincRNA	-	0	0	0	1	2	0	0	0	0	0.153544
pseudogen	ferritin_hea	0	0	0	1	0	0	0	0	0	0.227437
pseudogen	-	2	0	2	4	2	1	0.202549	0	0.244387	0.628767
lincRNA	-	1	1	0	0	0	0	0.071697	0.091942	0	0
lincRNA	-	0	0	1	0	0	0	0	0	0.031642	0
pseudogen	-	0	1	0	5	2	1	0	0.016402	0	0.099263
processed_	-	16	15	16	0	0	0	0.435933	0.524083	0.525978	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.108627
antisense	-	2	4	1	182	224	185	0.025162	0.064534	0.01518	3.554044
antisense	-	0	0	1	0	0	0	0	0	0.150068	0
antisense	HOXB_clust	7	10	3	0	0	18	0.441763	0.809284	0.228434	0
antisense	-	0	1	2	0	0	0	0	0.105862	0.19921	0
antisense	-	3	0	7	0	0	0	0.078631	0	0.221369	0
pseudogen	-	5	0	1	2	0	0	1.03739	0	0.250334	0.644069
pseudogen	family_witl	0	1	0	0	0	0	0	0.02711	0	0
lincRNA	long_interg	6	5	9	0	0	0	0.630807	0.674101	1.141658	0
pseudogen	CTAGE_fam	10	6	8	18	12	13	0.1661	0.1278	0.160327	0.464058
pseudogen	-	0	1	0	4	1	0	0	0.341647	0	1.654086
lincRNA	-	1134	953	1052	748	925	578	12.15389	13.09799	13.60398	12.44327
lincRNA	-	3	2	1	0	0	0	0.252549	0.215906	0.101572	0
antisense	-	2	2	3	2	0	0	0.233865	0.299899	0.423258	0.362992
lincRNA	-	1	0	1	0	0	0	0.072698	0	0.087714	0

pseudogen	SYF2_homo	0	0	2	2	0	0	0	0	0.194084	0.249673
antisense	UBE2E2_an	1	0	0	0	1	2	0.093968	0	0	0
lincRNA	-	0	2	0	5	5	0	0	0.193655	0	0.585989
pseudogen	high_mobil	0	0	1	0	0	1	0	0	0.176248	0
pseudogen	-	0	0	0	2	1	0	0	0	0	0.408875
pseudogen	-	0	2	0	0	0	0	0	0.318991	0	0
antisense	ADIRF_anti	4	9	12	9	12	2	0.261226	0.753716	0.945552	0.912282
pseudogen	-	14	4	3	1	9	6	0.981256	0.35952	0.253702	0.108789
antisense	-	1	1	1	2	2	0	0.02341	0.03002	0.028245	0.072671
lincRNA	-	0	0	1	2	1	0	0	0	0.021245	0.05466
processed_	-	48	43	55	22	24	16	1.470099	1.688819	2.032432	1.045823
pseudogen	-	0	0	0	3	3	1	0	0	0	0.184253
pseudogen	-	0	1	0	3	0	0	0	0.131575	0	0.477767
antisense	-	0	0	0	0	3	0	0	0	0	0
pseudogen	-	0	0	1	0	0	0	0	0	0.083568	0
protein_co	ring_finger	8	1	2	2	10	0	0.249581	0.040007	0.075283	0.096846
processed_	-	3	3	1	3	5	3	0.258585	0.331598	0.103999	0.401359
antisense	-	1	3	1	0	0	2	0.091049	0.350271	0.109855	0
pseudogen	-	6	2	6	2	3	3	0.658876	0.281638	0.794972	0.340889
antisense	-	0	0	0	1	0	0	0	0	0	0.022744
sense_intro	KCNJ6_intr	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	2	0	0	0	0	0	0.134069	0	0
pseudogen	-	0	0	1	0	1	1	0	0	0.1757	0
pseudogen	maestro_he	0	0	0	2	3	1	0	0	0	0.055451
lincRNA	-	0	0	0	2	4	0	0	0	0	0.383052
lincRNA	long_interg	0	1	0	1	1	2	0	0.042375	0	0.05129
processed_	-	0	0	0	15	15	6	0	0	0	0.386578
antisense	-	37	26	32	169	258	118	2.555126	2.302466	2.666298	18.11456
protein_co	histone_clu	0	0	0	1	0	2	0	0	0	0.149445
pseudogen	-	15	17	7	26	24	19	0.406326	0.590529	0.228786	1.093169
pseudogen	lysophosph	0	1	0	0	0	0	0	0.039198	0	0
antisense	-	71	49	77	43	46	41	5.074987	4.491402	6.640722	4.770627
pseudogen	-	13	13	12	9	22	13	0.674303	0.864698	0.751002	0.724578
protein_co	nuclear_po	0	0	1	0	0	1	0	0	0.040239	0
lincRNA	long_interg	12	21	30	6	18	8	0.190223	0.426885	0.573788	0.147626
antisense	-	0	0	2	1	0	0	0	0	0.086112	0.055388
processed_	-	0	0	0	2	2	0	0	0	0	0.1859
antisense	-	7	5	2	0	0	0	0.669857	0.613569	0.23092	0
pseudogen	-	9	2	0	1	1	6	0.34591	0.098573	0	0.059656
antisense	-	1	4	3	0	2	5	0.215092	1.103299	0.778562	0
processed_	-	5	0	1	15	6	6	0.076244	0	0.018399	0.355023
pseudogen	cysteine-ric	0	1	0	0	0	0	0	0.325026	0	0
pseudogen	ribosomal_	1	0	0	0	0	0	0.097081	0	0	0
antisense	-	0	0	0	3	2	0	0	0	0	0.480924
lincRNA	long_interg	0	0	0	1	0	0	0	0	0	0.067078
pseudogen	-	5	2	2	12	15	8	0.159598	0.081865	0.077026	0.594525
pseudogen	MHC_class_	0	0	0	2	0	0	0	0	0	1.128369
pseudogen	high_mobil	2	3	4	0	1	2	0.219625	0.422458	0.529981	0
pseudogen	small_nucl	12	2	13	4	23	12	2.016775	0.431038	2.636135	1.043438
pseudogen	-	0	1	0	0	0	0	0	0.16938	0	0
protein_co	glutathione	4226	3043	3333	4391	5293	4306	172.9121	159.664	164.5429	278.8622
pseudogen	ribosomal_	0	0	0	2	0	0	0	0	0	0.418275
protein_co	Beta/gamm	265	221	245	61	51	62	2.916183	3.118678	3.252992	1.041908
antisense	-	0	0	0	1	3	3	0	0	0	0.155181
pseudogen	family_witl	0	0	0	2	0	0	0	0	0	0.104344
antisense	-	0	0	1	5	4	5	0	0	0.029118	0.187287
pseudogen	RAS_p21_p	3	5	2	0	1	1	0.117323	0.25075	0.094371	0
antisense	XXYLT1_ant	1	0	4	0	0	5	0.108794	0	0.525063	0
TR_V_gene	T_cell_rece	0	0	0	1	1	1	0	0	0	0.133786
antisense	OSTN_antis	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	0	0	4	8	6	0	0	0	0.400991
pseudogen	high_mobil	0	1	0	0	0	0	0	0.221881	0	0
pseudogen	H2B_histor	1	0	0	0	0	0	0.128819	0	0	0
lincRNA	-	0	1	0	0	0	0	0	0.072271	0	0
pseudogen	mitochond	0	1	2	1	1	0	0	0.135427	0.254845	0.163918

pseudogen	ubiquitin_	1	0	0	3	1	7	0.009903	0	0	0.046112
pseudogen	profilin_1_	27	20	17	33	37	15	2.99298	2.843016	2.27372	5.677857
antisense	-	3	0	2	2	2	1	0.413735	0	0.332797	0.428116
processed_	-	0	0	1	12	5	6	0	0	0.032835	0.506882
pseudogen	ring_finger_	0	0	0	1	0	0	0	0	0	0.096142
antisense	-	3	1	0	3	1	3	0.094346	0.040329	0	0.146438
pseudogen	ubiquitin-c	5	9	2	5	3	7	0.447424	1.032764	0.215937	0.694464
antisense	TLR8_antis	0	0	0	9	6	6	0	0	0	0.485558
antisense	-	0	2	1	0	3	1	0	0.277736	0.130659	0
antisense	-	0	1	1	2	0	2	0	0.16796	0.158032	0.406591
pseudogen	ATPase_H+_	0	0	0	2	1	0	0	0	0	0.434506
pseudogen	endoplasm	1	0	2	3	3	1	0.066416	0	0.160271	0.309263
lincRNA	long_interg	1	0	0	0	0	0	0.076493	0	0	0
processed_	CHRM3_an	0	0	0	2	1	0	0	0	0	0.059876
antisense	-	0	1	4	2	2	0	0	0.030915	0.116351	0.074838
antisense	-	0	1	2	0	0	0	0	0.019754	0.037172	0
antisense	-	1	3	1	0	0	0	0.073495	0.282742	0.088676	0
pseudogen	-	167	156	158	265	325	244	2.978559	3.567991	3.400125	7.336115
pseudogen	-	0	3	0	0	0	0	0	0.160204	0	0
pseudogen	adenylate_	0	0	0	3	4	2	0	0	0	0.32491
pseudogen	NFKB_activ	13	11	10	22	41	24	0.123395	0.133892	0.114525	0.324121
antisense	-	30	22	25	9	7	12	3.490572	3.28252	3.509647	1.625355
lincRNA	-	0	0	0	0	2	0	0	0	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	0	324	400	186	0	0	0	10.09446
lincRNA	-	8	6	8	16	22	13	0.430184	0.413737	0.519041	1.335409
lincRNA	-	0	0	2	0	0	0	0	0	0.182796	0
pseudogen	protein_kir	0	0	0	0	2	0	0	0	0	0
pseudogen	-	2	1	2	2	4	7	0.107793	0.069115	0.130059	0.16731
antisense	-	0	0	0	0	0	1	0	0	0	0
pseudogen	calponin_2	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	0	1	0	0	0	0	0	0.150868	0
processed_	-	0	1	0	9	27	6	0	0.038844	0	0.423138
pseudogen	-	0	1	0	0	0	0	0	0.047571	0	0
pseudogen	eukaryotic_	32	31	9	38	43	30	1.381658	1.716412	0.468858	2.546623
antisense	-	3	0	0	0	1	0	0.12965	0	0	0
antisense	HOXA_tran	127	133	113	0	0	1	6.698574	8.995796	7.191262	0
lincRNA	-	4	4	2	3	3	2	0.349274	0.447894	0.21071	0.406591
antisense	-	0	0	0	1	1	1	0	0	0	0.088648
pseudogen	-	0	1	0	0	0	0	0	0.037581	0	0
pseudogen	angiogenic_	1	2	2	0	0	0	0.05796	0.148652	0.139865	0
protein_co	BTB_(POZ)_	9	9	7	10	10	12	0.138637	0.177782	0.130101	0.239093
protein_co	Uncharacte	6	4	3	0	3	2	0.341018	0.291538	0.205729	0
processed_	STXBP5_an	32	19	18	5	11	7	0.512634	0.39032	0.347919	0.124325
pseudogen	-	2	0	0	0	0	0	0.109428	0	0	0
lincRNA	-	1	0	0	0	0	0	0.113535	0	0	0
pseudogen	-	0	1	0	0	0	0	0	0.090831	0	0
pseudogen	ribosomal_	1	0	0	0	0	0	0.13914	0	0	0
antisense	-	32	17	23	21	10	35	3.22684	2.198294	2.798358	3.28683
pseudogen	ST6_(alpha-	6	8	8	1	4	1	0.563808	0.964005	0.907022	0.145851
pseudogen	-	2	1	1	1	2	0	0.072867	0.046721	0.043959	0.05655
processed_	-	4	5	3	0	0	0	0.399915	0.641043	0.36189	0
pseudogen	-	0	0	1	1	6	1	0	0	0.085333	0.109773
pseudogen	eukaryotic_	219	201	178	343	445	301	7.409029	8.720122	7.26583	18.01116
antisense	-	0	0	0	11	6	4	0	0	0	0.359972
antisense	-	10	7	2	9	17	7	0.809845	0.726958	0.195425	1.131292
antisense	-	1	0	0	0	0	0	0.015101	0	0	0
pseudogen	-	0	3	1	3	4	0	0	0.204291	0.064072	0.24727
lincRNA	-	33	33	29	1	1	0	0.757031	0.970784	0.802686	0.035607
processed_	-	2	0	1	0	0	0	0.020516	0	0.012377	0
lincRNA	-	0	0	0	2	1	0	0	0	0	0.324186
protein_co	transmemb	16	8	9	88	134	84	0.75024	0.481038	0.50918	6.404623
sense_intrc	SYNJ2_intr	0	1	1	0	0	0	0	0.100384	0.09445	0
antisense	SRGAP2_ar	2	0	1	0	0	0	0.043058	0	0.025976	0

protein_co	-	3	1	1	0	0	0	0.450866	0.192724	0.181332	0
antisense	ZNF197_an	4	1	4	5	5	5	0.30106	0.096517	0.363246	0.584108
pseudogen	-	0	0	0	0	2	0	0	0	0	0
processed_	-	8	2	5	0	0	0	0.757818	0.242949	0.57147	0
pseudogen	-	3	1	2	1	2	1	0.39075	0.167027	0.314308	0.202166
lincRNA	-	0	0	0	0	1	0	0	0	0	0
antisense	-	1	0	2	1	0	0	0.081125	0	0.195763	0.125917
lincRNA	-	12	5	9	0	0	0	0.883328	0.471976	0.79934	0
pseudogen	prohibitin_	0	0	0	0	1	0	0	0	0	0
pseudogen	RAN_memb	3	2	1	1	1	0	0.197293	0.168667	0.079349	0.102075
antisense	-	40	29	35	27	30	23	1.815683	1.688058	1.916885	1.902279
lincRNA	long_interg	12	10	11	0	0	0	0.761408	0.813664	0.842125	0
lincRNA	-	0	1	0	2	1	1	0	0.084452	0	0.204438
protein_co	Uncharacte	3	1	2	8	12	25	0.247659	0.105862	0.19921	1.025068
antisense	-	0	0	0	7	8	5	0	0	0	0.260726
antisense	-	3	0	0	0	0	3	0.305804	0	0	0
pseudogen	-	1	0	0	1	0	1	0.171758	0	0	0.266593
antisense	-	5	1	1	1	0	1	0.278114	0.071328	0.067112	0.086334
pseudogen	-	0	0	0	1	0	0	0	0	0	0.116822
processed_	-	5	4	8	1	6	1	0.14508	0.148836	0.280077	0.045037
pseudogen	keratin_8_p	5	6	8	8	12	24	0.163608	0.251765	0.315844	0.406307
pseudogen	-	0	0	0	1	0	1	0	0	0	0.106403
lincRNA	-	0	0	0	2	0	2	0	0	0	0.276729
lincRNA	-	1	0	0	0	0	0	0.171131	0	0	0
pseudogen	-	0	1	0	0	0	0	0	0.056887	0	0
processed_	-	0	0	0	3	6	3	0	0	0	0.3844
pseudogen	-	1	0	1	2	0	0	0.073037	0	0.088124	0.226728
pseudogen	keratin_8_p	1	0	1	2	1	1	0.032316	0	0.038991	0.100317
antisense	-	0	0	3	0	0	1	0	0	0.295177	0
pseudogen	-	1	0	0	0	4	0	0.047945	0	0	0
pseudogen	cytochrom	3	0	2	1	1	3	0.093843	0	0.075484	0.048552
antisense	-	2	2	3	11	3	6	0.097688	0.12527	0.176798	0.833935
processed_	-	12	19	15	27	36	24	0.188439	0.382608	0.284204	0.658089
pseudogen	basic_trans	1	0	0	0	0	0	0.100407	0	0	0
pseudogen	-	0	1	2	0	0	1	0	0.104392	0.196443	0
sense_intro	ERI3_intron	10	6	5	1	1	3	0.757512	0.582841	0.456991	0.117576
pseudogen	jumping_tr	2	4	3	2	0	1	0.379676	0.973762	0.687152	0.58931
protein_co	twist_basic	292	227	264	113	183	98	11.64276	11.60669	12.70062	6.993297
pseudogen	-	1	0	0	2	1	1	0.064945	0	0	0.201606
lincRNA	long_interg	0	1	0	0	0	0	0	0.062505	0	0
protein_co	-	2	0	0	2	1	1	0.122109	0	0	0.189531
antisense	DCUN1D2_	11	17	18	28	34	10	1.563001	3.097596	3.085937	6.175256
antisense	-	134	102	135	10	15	13	4.504131	4.396587	5.475049	0.521719
pseudogen	cytochrom	21	27	14	46	24	13	0.766296	1.263428	0.616387	2.605347
pseudogen	phosphogly	0	6	4	4	4	0	0	0.530557	0.332797	0.428116
pseudogen	-	0	0	1	0	0	0	0	0	0.146569	0
processed_	-	4	0	5	3	6	5	0.353887	0	0.533731	0.411961
antisense	-	1	2	2	0	1	0	0.095499	0.244928	0.23045	0
antisense	-	57	74	53	0	0	0	3.577953	5.956633	4.014059	0
pseudogen	keratin_ass	0	0	1	0	0	0	0	0	0.113378	0
lincRNA	-	0	1	1	0	0	0	0	0.117902	0.110932	0
sense_intro	ARHGEF7_i	0	0	0	1	0	0	0	0	0	0.090522
pseudogen	olfactory_r	1	0	0	0	0	0	0.049936	0	0	0
pseudogen	-	0	0	0	0	2	0	0	0	0	0
pseudogen	-	0	1	1	0	0	0	0	0.417568	0.392885	0
antisense	-	9	11	6	1	6	3	1.04458	1.637197	0.84023	0.180148
pseudogen	-	0	3	3	0	0	3	0	0.279673	0.263142	0
protein_co	phosphoin	0	1	0	0	0	0	0	0.033517	0	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.052892
antisense	RNASEH2B_	2	6	2	7	5	7	0.118111	0.454381	0.142508	0.641636
pseudogen	anaphase_p	1	2	0	2	2	1	0.021819	0.055961	0	0.067734
pseudogen	-	4	2	4	2	2	1	0.692104	0.443762	0.835063	0.53712
pseudogen	DEAD_(Asp	0	0	1	1	0	0	0	0	0.294664	0.379061
pseudogen	heterogene	0	0	0	6	17	2	0	0	0	0.457255
pseudogen	carcinoemb	0	0	0	1	1	0	0	0	0	0.070319

lincRNA	-	16	13	0	0	1	1	1.948676	2.030357	0	0
pseudogen	-	0	0	0	1	2	1	0	0	0	0.341689
lincRNA	-	1	1	1	1	0	0	0.054971	0.070492	0.066325	0.085322
pseudogen	estrogen_re	7	11	8	1	4	2	0.604475	1.218099	0.833525	0.134033
pseudogen	-	0	0	0	0	2	0	0	0	0	0
antisense	-	0	0	1	0	0	1	0	0	0.028821	0
lincRNA	-	1	0	0	0	1	0	0.02723	0	0	0
antisense	GAS6_antis	14	8	9	2	4	2	0.849237	0.622301	0.658706	0.188305
antisense	SLC26A4_a	1	1	0	0	0	0	0.012718	0.016309	0	0
pseudogen	-	0	0	0	2	1	0	0	0	0	0.074189
pseudogen	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	0	1	2	0	0	0	0	0.081592
processed_	-	5	1	1	0	0	0	0.289088	0.074143	0.06976	0
pseudogen	-	0	1	0	1	0	1	0	0.053449	0	0.064693
pseudogen	-	1	0	0	0	0	1	0.274211	0	0	0
antisense	MYCN_opp	0	0	0	55	55	58	0	0	0	3.048659
lincRNA	-	1	0	0	0	0	0	0.065216	0	0	0
lincRNA	-	2	1	3	12	11	12	0.023002	0.014749	0.04163	0.214216
lincRNA	long_interg	2	1	1	1	0	0	0.029233	0.018744	0.017636	0.022687
antisense	-	1	0	0	0	0	0	0.027405	0	0	0
pseudogen	H2A_histor	0	2	0	1	0	0	0	0.305227	0	0.18472
pseudogen	-	0	0	0	1	0	0	0	0	0	0.50193
pseudogen	-	0	0	1	0	3	1	0	0	0.178472	0
pseudogen	-	1	1	4	2	4	20	0.012301	0.015774	0.059366	0.038185
lincRNA	-	0	0	0	4	1	3	0	0	0	0.369441
lincRNA	-	27	24	37	42	69	35	1.155137	1.316711	1.909939	2.789007
pseudogen	-	38	26	31	34	79	48	3.681448	3.230113	3.623638	5.112631
pseudogen	-	0	0	3	0	1	0	0	0	0.267286	0
antisense	-	1	1	1	0	0	5	0.038848	0.049818	0.046873	0
pseudogen	capicua_tra	2	0	0	3	2	1	0.042339	0	0	0.098573
lincRNA	-	1	0	0	1	1	0	0.068253	0	0	0.105939
antisense	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
processed_	-	6	2	5	3	14	6	0.178856	0.076452	0.179833	0.138804
antisense	-	0	0	0	2	3	1	0	0	0	0.216607
antisense	-	13	9	8	3	3	0	2.131364	1.892196	1.582532	0.763424
sense_intrc	-	0	0	0	0	1	5	0	0	0	0
processed_	-	9	7	1	3	3	2	0.500605	0.499298	0.067112	0.259003
protein_co	Uncharacte	0	0	1	1	0	0	0	0	0.040819	0.052511
processed_	-	5	4	6	0	0	0	0.077046	0.07904	0.111552	0
antisense	-	6	9	6	0	0	0	0.393483	0.756879	0.474759	0
pseudogen	-	1	2	1	7	5	4	0.037155	0.095293	0.04483	0.403691
lincRNA	ENOX1_ant	9	3	3	0	0	0	0.108014	0.046171	0.043442	0
protein_co	histone_clu	25	15	8	9	13	14	1.658063	1.275738	0.640175	0.926476
antisense	-	4	0	1	0	1	3	0.489713	0	0.147717	0
protein_co	Uncharacte	0	0	0	0	0	1	0	0	0	0
pseudogen	-	25	17	23	27	25	18	1.706333	1.487928	1.894085	2.860342
processed_	-	0	0	0	60	73	62	0	0	0	5.901065
pseudogen	-	0	0	0	98	94	40	0	0	0	3.693641
pseudogen	eukaryotic_	0	0	1	1	1	0	0	0	0.070106	0.090186
pseudogen	DPH3_KTI1	0	0	0	0	0	1	0	0	0	0
pseudogen	cytochrom	0	0	0	0	1	0	0	0	0	0
sense_intrc	KCNQ5_int	1	1	0	1	0	1	0.083286	0.106802	0	0.129271
antisense	-	7	4	0	2	2	2	0.65125	0.477221	0	0.288809
pseudogen	-	1	0	1	2	1	0	0.096283	0	0.116171	0.29889
antisense	-	4	0	0	0	0	1	0.459706	0	0	0
antisense	-	2	0	0	0	2	0	0.152736	0	0	0
antisense	LATS2_anti	0	2	0	0	1	0	0	0.190284	0	0
lincRNA	-	0	0	0	0	1	1	0	0	0	0
antisense	POU6F2_ar	0	0	2	0	0	2	0	0	0.220138	0
lincRNA	-	18	16	19	1	0	0	0.237819	0.271084	0.302884	0.020507
pseudogen	alcohol_de	2	0	2	2	9	0	0.084487	0	0.101938	0.131135
antisense	-	0	1	1	0	1	1	0	0.108342	0.101938	0
antisense	-	0	0	1	0	2	0	0	0	0.015879	0
lincRNA	testis-speci	413	358	372	353	448	496	3.664946	4.073896	3.982984	4.862087

pseudogen	-	0	0	0	3	1	0	0	0	0	0.559845
antisense	DLG5_antis	6	9	10	12	20	22	0.5777	1.111228	1.161715	1.793342
pseudogen	-	0	1	0	1	0	0	0	0.155374	0	0.188062
lincRNA	-	0	0	0	1	1	0	0	0	0	0.026975
antisense	YEATS2_ant	11	12	3	5	2	1	0.276119	0.386273	0.09086	0.194807
pseudogen	-	2	0	0	0	0	0	0.138523	0	0	0
processed_	-	0	0	0	0	0	1	0	0	0	0
pseudogen	poly(A)_bir	5	6	5	9	9	3	0.194888	0.299899	0.235143	0.544487
antisense	EZR_antiser	2	1	0	0	2	0	0.432166	0.277096	0	0
lincRNA	-	33	20	19	1	4	3	2.285629	1.77636	1.587791	0.107503
processed_	-	0	0	0	5	0	2	0	0	0	0.201942
processed_	-	9	8	6	12	8	1	0.178515	0.203485	0.143593	0.369441
lincRNA	-	98	86	87	67	90	75	5.100135	5.739359	5.462896	5.412038
pseudogen	-	0	0	0	1	0	0	0	0	0	0.119507
lincRNA	-	11	3	4	5	8	17	0.948144	0.331598	0.415996	0.668932
processed_	-	3	1	1	4	1	1	0.593545	0.253712	0.238715	1.228351
antisense	-	4	2	2	2	0	3	0.279107	0.178958	0.168379	0.216607
pseudogen	-	48	37	31	43	28	38	3.029234	2.994351	2.360485	4.212021
pseudogen	-	1	0	0	0	0	0	0.0521	0	0	0
pseudogen	zinc_finger	0	0	0	1	0	1	0	0	0	0.172056
processed_	-	0	0	0	8	6	2	0	0	0	0.709182
pseudogen	-	1	1	0	2	3	4	0.053589	0.06872	0	0.166354
processed_	-	0	0	1	1	1	5	0	0	0.039045	0.050228
protein_co	ribosomal_	4379	3317	3236	7092	8416	6334	134.8203	130.959	120.209	338.9063
lincRNA	-	0	1	0	9	9	7	0	0.121474	0	1.323269
pseudogen	metallothi	1	1	2	2	7	0	0.252097	0.323278	0.608339	0.782579
processed_	-	0	0	0	1	5	2	0	0	0	0.032132
lincRNA	-	0	0	0	1	0	0	0	0	0	0.082144
antisense	-	37	24	30	65	86	35	1.734931	1.443115	1.697265	4.730687
pseudogen	-	1	0	0	0	0	0	0.037512	0	0	0
pseudogen	ferritin_ligl	1	3	3	0	0	0	0.088139	0.339078	0.319035	0
antisense	-	6	0	2	5	7	6	0.65125	0	0.261924	0.842359
pseudogen	-	18	13	5	36	39	18	1.635698	1.514898	0.548212	5.077661
pseudogen	adenosylhc	1	0	0	0	0	0	0.036661	0	0	0
pseudogen	basic_trans	1	1	0	5	3	5	0.093968	0.120501	0	0.729257
lincRNA	-	0	0	0	1	0	0	0	0	0	0.098618
pseudogen	-	34	35	33	38	45	24	3.488535	4.605127	4.085321	6.051712
pseudogen	ubiquitin-c	26	20	22	38	40	32	1.822333	1.797602	1.86048	4.13398
lincRNA	-	14	19	17	17	9	5	0.962552	1.67517	1.41024	1.814159
antisense	-	0	1	2	0	0	0	0	0.042827	0.080592	0
pseudogen	-	62	57	50	97	163	29	1.082749	1.276498	1.053548	2.629289
lincRNA	-	0	0	1	0	0	0	0	0	0.128289	0
lincRNA	-	1	0	3	0	0	0	0.082408	0	0.298289	0
pseudogen	-	0	0	1	0	0	0	0	0	0.166399	0
pseudogen	farnesyl_di	0	0	0	1	2	2	0	0	0	0.081137
lincRNA	-	0	0	0	0	1	1	0	0	0	0
pseudogen	ribosomal_	0	0	1	0	0	0	0	0	0.157592	0
lincRNA	-	1	1	1	0	0	0	0.061697	0.079118	0.074441	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	2	1	0	2	1	2	0.275824	0.176852	0	0.428116
pseudogen	-	61	56	56	6	2	0	1.585527	1.866557	1.756224	0.242061
antisense	-	4	0	1	1	2	1	0.110655	0	0.033378	0.042938
pseudogen	GDP_dissoc	3	2	1	1	1	1	0.231365	0.197795	0.093052	0.119704
pseudogen	SET_pseudo	0	1	0	1	1	0	0	0.106993	0	0.129501
pseudogen	-	0	0	0	4	5	3	0	0	0	0.468791
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	glyceraldeh	0	1	0	2	4	0	0	0.145593	0	0.352445
antisense	DDX39B_ar	4	1	0	1	0	4	0.363489	0.116531	0	0.141046
pseudogen	protein_ph	0	0	0	0	0	1	0	0	0	0
pseudogen	-	12	5	7	33	40	42	0.631515	0.337429	0.444476	2.695548
pseudogen	-	0	0	0	0	0	2	0	0	0	0
lincRNA	-	0	0	1	4	0	0	0	0	0.091993	0.473365
pseudogen	-	1	0	2	0	0	0	0.075265	0	0.181623	0
processed_	-	0	0	0	5	9	10	0	0	0	0.548867
processed_	-	13	9	13	23	32	20	0.377677	0.335296	0.455689	1.037135

pseudogen	transmemb	0	0	0	0	1	0	0	0	0	0
pseudogen	ribosomal_	0	0	0	1	0	0	0	0	0	0.092126
pseudogen	-	3	2	3	0	0	1	0.453774	0.387934	0.547505	0
pseudogen	-	3	1	1	0	1	0	0.267943	0.114533	0.107763	0
pseudogen	-	10	2	2	3	3	0	1.474529	0.378175	0.355821	0.686602
pseudogen	-	0	1	0	0	2	0	0	0.351636	0	0
pseudogen	-	0	0	0	1	4	2	0	0	0	0.105325
pseudogen	-	1	1	0	1	1	0	0.06294	0.080711	0	0.097691
antisense	-	0	0	0	0	0	1	0	0	0	0
antisense	-	1	2	0	0	1	0	0.194564	0.499002	0	0
processed_	-	20	16	20	18	23	23	0.422052	0.432978	0.50923	0.589575
pseudogen	MT-ND4_ps	1	0	0	0	3	0	0.034503	0	0	0
pseudogen	taste_recep	0	0	0	3	0	0	0	0	0	0.232276
protein_co	P_antigen_	0	0	0	2	0	0	0	0	0	0.264174
antisense	-	188	133	150	239	320	279	2.880825	2.613485	2.773309	5.684435
pseudogen	-	0	0	0	0	1	0	0	0	0	0
lincRNA	TPRG1_ant	1	0	1	0	0	0	0.067274	0	0.08117	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
antisense	-	9	20	13	4	6	4	0.731387	2.084222	1.274665	0.504539
pseudogen	-	6	1	3	1	6	1	0.75024	0.160346	0.452604	0.194079
antisense	-	3	5	4	0	2	0	0.296772	0.634281	0.47743	0
pseudogen	-	1	0	1	0	0	0	0.120231	0	0.145065	0
pseudogen	-	1	1	0	4	0	2	0.134355	0.172292	0	0.834152
pseudogen	-	0	0	1	1	1	0	0	0	0.187958	0.241793
pseudogen	ribosomal_	0	0	2	0	0	0	0	0	0.184887	0
pseudogen	-	0	0	0	0	2	0	0	0	0	0
pseudogen	rhomboid_	0	0	0	0	5	3	0	0	0	0
protein_co	tripartite_r	1011	839	884	989	1137	2036	13.63019	14.50515	14.37974	20.69558
lincRNA	-	5	7	1	6	7	7	0.218908	0.393005	0.052825	0.40773
pseudogen	-	0	0	0	0	2	0	0	0	0	0
antisense	-	0	0	0	1	1	1	0	0	0	0.143267
lincRNA	-	1	6	0	0	2	0	0.132833	1.022036	0	0
sense_intrc	-	3	2	2	2	5	6	0.4689	0.400865	0.37717	0.485199
antisense	-	1	0	2	4	2	0	0.099133	0	0.23922	0.615474
antisense	-	0	0	1	0	1	1	0	0	0.081757	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.160662
antisense	-	0	0	2	0	0	1	0	0	0.598683	0
lincRNA	-	16	6	11	0	0	0	0.298544	0.143565	0.247644	0
pseudogen	RNA_bindi	0	0	0	2	1	3	0	0	0	0.289959
antisense	-	32	19	45	103	101	77	5.191974	3.95317	8.809335	25.93882
antisense	PABPC5_ar	0	0	1	0	0	2	0	0	0.132806	0
lincRNA	-	0	0	0	1	0	1	0	0	0	0.17165
lincRNA	-	0	0	0	8	13	9	0	0	0	1.00041
pseudogen	transcriptic	0	1	0	0	2	2	0	0.203141	0	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.095262
antisense	-	63	67	83	218	235	246	2.447449	3.337777	3.890445	13.14498
antisense	-	0	2	2	1	0	0	0	0.206277	0.194084	0.124837
pseudogen	-	1	0	2	1	1	0	0.138728	0	0.334766	0.215325
pseudogen	heat_shock	1	0	0	0	0	2	0.025581	0	0	0
lincRNA	-	0	6	8	0	0	1	0	0.148225	0.185951	0
antisense	-	0	0	0	2	0	0	0	0	0	0.342493
antisense	-	0	0	0	1	2	0	0	0	0	0.259003
lincRNA	-	1	0	0	0	0	0	0.07934	0	0	0
antisense	-	1	3	4	2	4	3	0.116064	0.446508	0.560154	0.360296
antisense	-	2	2	5	0	0	4	0.174637	0.223947	0.526774	0
antisense	ETV5_antis	3	7	4	1	5	3	0.251197	0.751622	0.404111	0.129964
processed_	-	9	4	7	1	3	2	0.46631	0.265767	0.437601	0.08042
antisense	-	3	2	0	0	0	0	0.320433	0.27394	0	0
antisense	-	6	11	10	6	6	6	0.832367	1.956887	1.673832	1.291949
processed_	-	0	0	1	0	2	0	0	0	0.195763	0
lincRNA	-	1	0	0	0	0	2	0.011581	0	0	0
lincRNA	-	1	0	0	0	0	0	0.067858	0	0	0
pseudogen	-	4	1	1	2	2	5	0.275824	0.088426	0.083199	0.214058
antisense	-	17	22	15	5	13	10	0.867389	1.439451	0.92343	0.395973

lincRNA	-	2	3	0	0	0	0	0.162249	0.312092	0	0
protein_co	transmemb	0	0	0	5	4	7	0	0	0	0.14265
lincRNA	-	0	1	1	4	3	2	0	0.082709	0.077821	0.400439
pseudogen	nucleolin_	0	2	0	0	0	0	0	0.082257	0	0
lincRNA	-	0	1	0	0	0	0	0	0.029274	0	0
antisense	ZFX_antise	1	0	1	0	0	0	0.112446	0	0.135673	0
pseudogen	-	74	52	55	17	13	19	1.656258	1.492482	1.485276	0.590576
lincRNA	-	0	0	0	8	10	8	0	0	0	1.084243
sense_intro	KCNH1_int	2	0	1	0	0	2	0.149808	0	0.090376	0
antisense	BOK_antise	2	0	0	1	0	0	0.145848	0	0	0.113188
protein_co	Uncharacte	0	2	2	1	1	1	0	0.715831	0.673518	0.433213
pseudogen	-	0	3	0	2	0	3	0	0.107183	0	0.086488
pseudogen	-	1	6	0	0	0	0	0.065672	0.505292	0	0
antisense	-	7	5	6	2	0	4	0.136763	0.12527	0.141439	0.06065
lincRNA	-	0	0	0	0	1	0	0	0	0	0
pseudogen	superoxide	2	1	0	0	0	0	0.166868	0.106993	0	0
lincRNA	-	0	0	0	50	52	53	0	0	0	3.578161
antisense	-	3	1	9	0	0	0	0.278555	0.119069	1.008276	0
processed_	-	3	5	7	0	0	3	0.112807	0.241098	0.317585	0
pseudogen	-	3	1	2	0	2	2	0.551647	0.235803	0.443729	0
pseudogen	ribosomal_	0	0	0	0	1	0	0	0	0	0
pseudogen	-	2	1	2	2	0	0	0.300577	0.192724	0.362663	0.466537
pseudogen	-	1	1	1	0	1	1	0.161134	0.206632	0.194418	0
lincRNA	-	1	0	0	8	8	11	0.120851	0	0	1.500614
pseudogen	cytochrom	1	2	0	0	1	1	0.19376	0.49694	0	0
antisense	-	6	11	6	5	8	7	0.325625	0.765541	0.392885	0.421179
processed_	-	1	0	1	0	3	0	0.111643	0	0.134704	0
protein_co	zinc_finger	38	25	34	41	62	78	0.539292	0.454977	0.582193	0.903139
antisense	-	0	0	0	3	1	1	0	0	0	1.526849
pseudogen	-	16	11	12	39	24	26	2.942119	2.593834	2.662377	11.13103
pseudogen	olfactory_r	0	0	0	0	0	1	0	0	0	0
pseudogen	H2B_histor	0	0	1	0	2	1	0	0	0.12299	0
antisense	-	3	4	4	6	1	0	0.037713	0.064482	0.060671	0.117072
lincRNA	-	3	0	0	2	0	0	0.134484	0	0	0.139158
sense_intro	BACH1_int	0	1	0	0	0	0	0	0.148103	0	0
pseudogen	-	0	3	1	1	5	6	0	0.181114	0.056803	0.073072
protein_co	transcriptio	0	0	0	0	0	1	0	0	0	0
pseudogen	cyclin-depe	0	0	1	1	0	0	0	0	0.152085	0.195645
lincRNA	-	1	0	0	0	0	0	0.13997	0	0	0
antisense	-	4	2	2	0	0	1	0.185153	0.118716	0.111699	0
pseudogen	ribosomal_	0	0	0	0	0	1	0	0	0	0
pseudogen	-	7	2	6	0	0	0	0.510467	0.187029	0.527921	0
pseudogen	suppressio	5	4	0	2	3	1	0.228286	0.234196	0	0.141733
lincRNA	-	7	9	4	5	1	1	0.19468	0.320978	0.134224	0.215836
pseudogen	ribosomal_	3	8	4	3	3	1	0.254376	0.86987	0.409226	0.394827
processed_	-	24	22	17	27	23	30	0.683694	0.803679	0.584316	1.193836
pseudogen	-	10	23	14	4	5	10	0.595051	1.755058	1.005149	0.369441
pseudogen	breast_carc	1	0	1	1	1	0	0.06957	0	0.08394	0.107982
pseudogen	-	0	0	0	1	0	1	0	0	0	0.094274
antisense	JAZF1_anti	4	3	1	1	5	1	0.050912	0.048966	0.015357	0.019756
pseudogen	-	0	1	2	0	1	0	0	0.080495	0.151474	0
pseudogen	-	18	19	32	49	34	14	0.526525	0.712705	1.129392	2.22471
pseudogen	-	6	10	9	1	3	4	0.268454	0.573758	0.485858	0.069446
lincRNA	-	0	0	0	3	4	0	0	0	0	0.107769
antisense	-	0	0	0	15	19	9	0	0	0	0.505415
pseudogen	-	4	9	6	6	16	3	0.20702	0.597316	0.374672	0.481985
pseudogen	ribosomal_	4	1	0	3	1	1	0.426273	0.136659	0	0.496226
pseudogen	-	2	2	3	1	1	2	0.122269	0.156792	0.221286	0.094889
antisense	-	1	3	2	3	2	4	0.068855	0.264889	0.166154	0.320616
lincRNA	-	3	0	1	0	0	1	0.182926	0	0.07357	0
pseudogen	profilin_1_	22	15	14	1	1	1	2.56612	2.243649	1.970291	0.181044
pseudogen	TatD_DNas	0	0	0	1	1	1	0	0	0	0.081683
pseudogen	sorting_ne	7	3	9	13	13	22	0.516898	0.284078	0.801858	1.48998
antisense	RNF219_ar	7	5	6	1	4	4	0.082037	0.075143	0.084842	0.01819
lincRNA	-	0	1	0	0	1	0	0	0.080603	0	0

antisense	-	9	1	4	5	1	3	0.160338	0.022846	0.085981	0.13826
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	C-terminal_	19	22	30	1	1	3	0.669857	0.994628	1.276139	0.054722
lincRNA	-	3	0	1	0	0	0	0.189582	0	0.076247	0
lincRNA	-	11	9	12	6	9	9	0.320367	0.336129	0.421681	0.271229
antisense	-	1	0	0	0	1	1	0.06776	0	0	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
antisense	-	0	0	1	1	1	5	0	0	0.089518	0.115158
protein_co	uncharacte	11	11	7	2	6	2	0.407417	0.522455	0.312819	0.114976
protein_co	RNA_bindi	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.154194
pseudogen	capicua_tra	2	1	0	0	0	0	0.033625	0.02156	0	0
pseudogen	zinc_finger_	142	86	129	50	67	83	2.273261	1.765504	2.491717	1.2424
pseudogen	solute_carr	0	0	0	0	1	2	0	0	0	0
antisense	-	1	0	0	2	2	2	0.053527	0	0	0.166164
lincRNA	-	37	37	44	15	24	14	3.898721	4.999556	5.593983	2.453252
protein_co	Uncharacte	34	21	27	13	42	28	0.603201	0.477762	0.577956	0.357979
lincRNA	-	0	0	0	2	1	0	0	0	0	0.279922
protein_co	kelch_repe	12	11	10	0	0	6	0.180173	0.211792	0.181158	0
protein_co	zinc_finger_	0	0	0	30	23	20	0	0	0	1.040703
antisense	FGF14_anti	3	2	2	0	0	0	0.438224	0.37464	0.352495	0
processed_	-	0	0	0	0	4	2	0	0	0	0
pseudogen	-	0	0	2	1	2	4	0	0	0.261319	0.168083
antisense	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	0	2	0	0	0	0	0
processed_	MAGI2_ant	570	416	490	6	6	15	5.93281	5.552496	6.153607	0.096932
pseudogen	-	1	0	0	0	2	0	0.306471	0	0	0
antisense	-	3	2	1	0	5	0	0.486748	0.416123	0.195763	0
lincRNA	-	1	0	0	0	0	0	0.23802	0	0	0
protein_co	phospholip	9	7	10	96	111	86	0.163127	0.162701	0.218692	2.700758
protein_co	Homo_sapi	4	0	2	0	2	0	0.29215	0	0.176248	0
lincRNA	-	0	1	0	0	3	5	0	0.143166	0	0
pseudogen	zinc_finger_	1	1	2	4	4	0	0.038153	0.048926	0.092068	0.236875
sense_intrc	-	0	0	2	2	1	2	0	0	0.172486	0.22189
antisense	-	5	2	3	1	2	2	0.438224	0.224784	0.317246	0.136037
pseudogen	adaptor-rel	0	0	0	0	0	1	0	0	0	0
pseudogen	-	1	0	0	0	0	0	0.115493	0	0	0
pseudogen	aldehyde_d	1	0	0	0	0	0	0.263427	0	0	0
processed_	RPL34_anti	5	5	4	4	1	4	0.063143	0.080972	0.060949	0.078405
antisense	-	17	18	18	6	14	6	0.458648	0.622748	0.585937	0.251254
antisense	-	1	0	0	0	0	0	0.079745	0	0	0
pseudogen	ribosomal_	2	3	3	3	16	6	0.153235	0.294754	0.277331	0.356764
pseudogen	-	14	19	20	5	16	6	0.921995	1.604587	1.5892	0.511094
pseudogen	forty-two-t	0	0	1	0	1	0	0	0	0.061428	0
lincRNA	-	0	0	0	3	2	1	0	0	0	0.282092
antisense	-	1	0	0	0	0	0	0.032472	0	0	0
processed_	-	4	0	3	11	7	2	0.083995	0	0.076008	0.358521
protein_co	chromosor	0	0	0	8	18	5	0	0	0	0.275551
pseudogen	prostaglan	2	2	0	0	2	1	0.194162	0.248985	0	0
pseudogen	NADH_deh	0	0	1	0	2	0	0	0	0.321452	0
lincRNA	-	2	0	0	0	0	0	0.197432	0	0	0
pseudogen	-	0	1	0	0	0	0	0	0.062963	0	0
lincRNA	-	1	1	0	1	0	0	0.121792	0.156181	0	0.189038
pseudogen	-	3	2	2	2	8	9	0.36443	0.311553	0.293137	0.377097
pseudogen	-	3	5	8	12	19	3	0.075507	0.161379	0.242944	0.468791
lincRNA	-	0	0	0	1	2	2	0	0	0	0.179703
protein_co	family_witl	318	243	263	392	376	609	6.12614	6.003098	6.11313	11.72132
lincRNA	-	3	4	1	5	9	6	0.522937	0.894123	0.210318	1.352784
pseudogen	-	0	0	0	1	0	2	0	0	0	0.183324
pseudogen	API5_pseud	0	1	1	1	2	1	0	0.039821	0.037467	0.048199
pseudogen	thiopurine_	0	1	0	0	2	0	0	0.082823	0	0
pseudogen	cytochrom	0	0	0	1	0	0	0	0	0	0.341689
pseudogen	ribosomal_	0	0	0	3	0	1	0	0	0	0.295453
antisense	-	2	0	1	0	0	0	0.295836	0	0.178472	0
pseudogen	bridging_in	1	0	0	0	0	0	0.030647	0	0	0

lincRNA	-	0	0	0	1	0	0	0	0	0	0.020559
lincRNA	-	0	0	0	0	0	1	0	0	0	0
pseudogen	cathepsin_	0	0	1	0	0	0	0	0	0.058506	0
antisense	SYNE1_anti	0	1	0	0	0	0	0	0.108734	0	0
lincRNA	-	1	0	1	0	0	0	0.086037	0	0.103808	0
pseudogen	chaperonir	46	42	28	20	27	41	0.582642	0.682186	0.427908	0.393192
pseudogen	-	0	0	0	2	0	0	0	0	0	0.121401
pseudogen	-	0	0	0	2	0	1	0	0	0	0.088325
antisense	CHRM3_an	0	0	0	1	0	0	0	0	0	0.149753
protein_co	multiciliate	2	0	1	0	0	0	0.044849	0	0.027057	0
pseudogen	-	4	4	2	1	4	3	1.875601	2.405192	1.13151	0.727798
pseudogen	-	1	0	2	0	0	1	0.083286	0	0.200979	0
lincRNA	MAPKAPK5	40	40	48	132	177	66	0.820832	1.0526	1.188457	4.204347
lincRNA	long_interg	0	0	0	3	1	5	0	0	0	0.311468
pseudogen	olfactory_r	0	0	1	0	0	0	0	0	0.062514	0
pseudogen	H2A_histor	3	0	0	1	1	1	0.368246	0	0	0.190523
antisense	-	34	25	20	44	33	24	3.150713	2.97084	2.236186	6.328678
processed_	jerky_homo	849	604	727	721	1103	883	4.454473	4.063824	4.602259	5.871572
antisense	SNRK_antis	2	0	1	0	1	2	0.12504	0	0.075434	0
pseudogen	ribosomal_	5	7	0	6	8	10	0.26402	0.473996	0	0.491755
pseudogen	-	1	0	0	4	6	1	0.071261	0	0	0.44243
lincRNA	-	0	0	1	0	2	0	0	0	0.10324	0
pseudogen	-	1	0	0	0	0	0	0.150772	0	0	0
antisense	-	0	0	1	0	3	2	0	0	0.156719	0
lincRNA	-	56	38	37	6	7	10	5.011147	4.360558	3.994835	0.833357
pseudogen	NECAP_end	0	0	0	2	0	0	0	0	0	0.20022
lincRNA	long_interg	41	40	27	7	13	12	1.080658	1.351991	0.85865	0.286374
antisense	MED14_ant	3	2	2	3	1	6	0.156823	0.134069	0.126144	0.243411
pseudogen	-	0	0	0	0	0	2	0	0	0	0
pseudogen	-	0	0	0	1	2	0	0	0	0	0.095137
pseudogen	-	10	12	7	10	32	15	2.967723	4.56682	2.50651	4.606317
antisense	PCCA_antis	13	11	5	5	7	8	1.286013	1.395417	0.596788	0.767719
antisense	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	1	0	2	0	0	0	0.026477	0	0.063891	0
pseudogen	high_mobil	56	30	32	33	60	60	9.618465	6.60767	6.631561	8.797558
processed_	-	1	4	0	1	2	3	0.02927	0.150137	0	0.045431
pseudogen	actin_beta_	0	0	0	1	2	1	0	0	0	0.015706
lincRNA	-	4	7	1	0	0	0	0.420538	0.943741	0.126851	0
antisense	-	2	0	0	2	1	1	0.231556	0	0	0.359406
antisense	-	5	4	14	7	9	2	0.297525	0.305227	1.005149	0.646521
pseudogen	vomeronas	0	0	2	0	0	0	0	0	0.080135	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.102363
processed_	SDCBP2_ar	14	29	17	17	20	15	0.362485	0.962874	0.531079	0.68319
pseudogen	nuclear_un	0	0	0	3	0	1	0	0	0	0.250102
lincRNA	long_interg	0	0	0	1	0	1	0	0	0	0.338511
lincRNA	-	1	1	0	5	5	2	0.024783	0.031781	0	0.192336
lincRNA	-	0	0	0	7	5	9	0	0	0	1.193111
antisense	-	4	0	1	0	2	2	0.293981	0	0.088676	0
antisense	-	3	3	1	18	11	11	0.212814	0.272904	0.085591	1.981901
antisense	GPR50_ant	0	0	0	7	12	22	0	0	0	0.314481
lincRNA	-	0	0	0	0	3	0	0	0	0	0
antisense	-	0	1	0	0	1	0	0	0.091522	0	0
pseudogen	-	0	0	1	3	2	0	0	0	0.066481	0.256568
lincRNA	-	8	3	3	0	0	1	0.537421	0.258438	0.243161	0
antisense	high_mobil	4	2	0	0	0	1	0.561557	0.360059	0	0
antisense	-	0	0	0	1	1	2	0	0	0	0.151309
pseudogen	UPF3_regul	4	8	6	0	4	4	0.243901	0.625538	0.441421	0
lincRNA	-	0	0	0	1	2	0	0	0	0	0.117767
lincRNA	-	0	0	0	0	0	1	0	0	0	0
protein_co	NPIP-like_p	0	0	1	1	3	4	0	0	0.047383	0.060955
lincRNA	-	0	0	1	0	0	1	0	0	0.021561	0
pseudogen	histone_de	2	0	1	0	0	0	0.0649	0	0.039153	0
pseudogen	keratin_18_	1	0	0	2	2	4	0.036321	0	0	0.112749
sense_intro	-	5	1	0	5	3	2	0.51302	0.131575	0	0.796278
processed_	growth_arr	1265	1022	1031	2399	2638	2329	34.93279	36.1912	34.35179	102.8261

pseudogen	-	3	5	2	10	5	2	0.25346	0.54171	0.203876	1.311348
pseudogen	eukaryotic_	2	1	3	1	7	6	0.201677	0.129311	0.365003	0.156516
protein_co	major_hist	613	526	442	172	173	152	18.58021	20.44491	16.16443	8.091872
pseudogen	-	4	3	2	3	3	4	0.220919	0.212473	0.133276	0.257172
pseudogen	-	0	0	0	0	2	0	0	0	0	0
antisense	-	4	0	3	29	36	26	0.326191	0	0.295177	3.670633
lincRNA	-	9	10	4	0	0	1	0.097237	0.138548	0.052143	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	1	1	1	3	0	0	0.080711	0.07594	0.097691
protein_co	WAS_prote	57	44	46	41	46	45	0.629915	0.623547	0.613357	0.703269
pseudogen	gulonolact	0	0	0	1	4	1	0	0	0	0.097299
antisense	-	49	44	66	34	68	84	0.604475	0.696057	0.982369	0.651016
antisense	-	0	0	0	1	1	1	0	0	0	0.173285
lincRNA	-	2	0	1	0	2	1	0.102268	0	0.061696	0
protein_co	chromosor	1	1	1	4	1	5	0.127073	0.162953	0.153321	0.788941
antisense	-	43	15	17	44	49	44	4.710913	2.107353	2.247158	7.482036
lincRNA	-	2	0	0	0	0	0	0.064365	0	0	0
pseudogen	eukaryotic_	0	0	0	0	0	3	0	0	0	0
lincRNA	long_interg	0	0	0	123	107	273	0	0	0	8.493279
pseudogen	heat_shock	7	4	0	0	1	1	0.420808	0.308358	0	0
antisense	-	5	8	2	2	7	2	0.49883	1.023486	0.240747	0.309701
antisense	-	0	0	0	0	3	8	0	0	0	0
pseudogen	ribosomal_	77	74	89	109	93	140	4.485132	5.52746	6.254932	9.854656
pseudogen	-	0	0	1	2	4	3	0	0	0.129168	0.332328
lincRNA	-	1	0	0	0	0	0	0.047078	0	0	0
lincRNA	-	0	2	0	0	0	0	0	0.029599	0	0
pseudogen	supervillin_	28	24	13	3	7	4	0.506528	0.556757	0.283751	0.084236
pseudogen	-	0	0	0	2	2	0	0	0	0	0.39447
processed_	-	2	0	1	0	2	3	0.041186	0	0.024847	0
antisense	-	0	0	1	0	0	2	0	0	0.100134	0
pseudogen	X-ray_repai	0	4	1	0	6	4	0	0.132008	0.031051	0
lincRNA	-	0	1	0	0	0	0	0	0.138229	0	0
lincRNA	-	0	0	0	1	1	1	0	0	0	0.034041
antisense	-	5	4	4	2	1	4	0.288022	0.295478	0.278012	0.17882
pseudogen	prohibitin_	2	0	1	0	2	1	0.123395	0	0.074441	0
pseudogen	-	0	0	0	1	1	0	0	0	0	0.217253
processed_	-	9	5	5	2	1	1	0.179808	0.128099	0.120527	0.062019
pseudogen	-	2	6	6	7	20	12	0.072083	0.277309	0.260917	0.39159
pseudogen	-	0	1	0	0	0	0	0	0.088818	0	0
pseudogen	cell_divisio	1	0	0	0	0	0	0.082408	0	0	0
antisense	-	0	0	2	0	0	0	0	0	0.162807	0
pseudogen	-	0	0	0	0	0	2	0	0	0	0
protein_co	HCG20447	0	2	2	5	4	4	0	0.030057	0.028281	0.090952
antisense	-	0	2	1	6	6	2	0	0.04078	0.019185	0.148077
lincRNA	-	1	2	1	0	1	0	0.169891	0.435723	0.204984	0
lincRNA	long_interg	0	2	1	2	0	0	0	0.055805	0.026253	0.067545
pseudogen	eukaryotic_	8	9	7	6	4	3	0.285046	0.411222	0.300934	0.331823
lincRNA	MIR155_ho	65	45	48	3	1	2	1.904907	1.691151	1.697265	0.136462
antisense	-	0	0	1	0	0	2	0	0	0.115933	0
pseudogen	MT-ND5_ps	0	1	0	1	1	0	0	0.034321	0	0.041541
lincRNA	-	0	0	0	0	0	2	0	0	0	0
processed_	-	16	19	18	8	7	3	0.247441	0.376803	0.33587	0.192031
lincRNA	-	0	1	0	0	0	0	0	0.082483	0	0
lincRNA	-	2	0	1	0	2	0	0.113949	0	0.068743	0
protein_co	apolipopro	1	0	0	1	0	0	0.053284	0	0	0.082704
pseudogen	testis_expr	5	1	1	2	11	1	0.158842	0.040738	0.03833	0.098618
processed_	long_interg	60	55	49	54	83	122	1.315288	1.546114	1.296026	1.837358
sense_intro	-	0	2	3	0	1	1	0	0.048239	0.068081	0
processed_	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	2	3	3	3	2	0	0.201778	0.284776	0.366341
lincRNA	-	0	0	1	0	0	0	0	0	0.101938	0
pseudogen	-	7	7	5	2	1	3	0.691011	0.886123	0.595532	0.306441
lincRNA	-	0	0	0	6	3	2	0	0	0	0.476204
pseudogen	cell_divisio	0	0	0	0	0	2	0	0	0	0
antisense	-	3	3	1	5	10	6	0.353442	0.45324	0.14215	0.914319

pseudogen	-	1	0	0	3	2	2	0.04983	0	0	0.232029
lincRNA	-	0	1	0	0	0	0	0	0.119542	0	0
antisense	-	0	1	1	0	0	1	0	0.159495	0.150068	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
antisense	-	9	5	6	14	11	7	0.489004	0.348377	0.393341	1.180669
pseudogen	succinate_(	0	0	0	1	2	0	0	0	0	0.143834
processed_	-	0	1	2	0	0	0	0	0.013697	0.025775	0
protein_co	-	0	0	1	4	5	3	0	0	0.043486	0.223766
lincRNA	long_interg	0	0	1	0	0	0	0	0	0.026979	0
pseudogen	fatty_acid_	36	36	41	25	28	56	4.137354	5.30557	5.685284	4.459547
protein_co	shisa_hom(	0	1	1	35	65	18	0	0.123724	0.116411	5.241344
pseudogen	-	4	3	6	0	2	4	0.15868	0.152614	0.287185	0
protein_co	TBC1_dom	11	12	13	3	9	2	0.194418	0.271978	0.277226	0.082299
pseudogen	ferritin_hea	7	4	5	4	7	3	0.796675	0.583784	0.686596	0.7066
lincRNA	-	0	1	0	0	0	0	0	0.132444	0	0
processed_	-	2	1	0	12	7	8	0.053835	0.034518	0	0.501353
pseudogen	-	0	0	0	2	1	0	0	0	0	0.183787
pseudogen	-	0	0	0	0	0	2	0	0	0	0
pseudogen	cubilin_(int	0	0	1	0	0	2	0	0	0.049671	0
pseudogen	-	1	0	0	0	2	3	0.060038	0	0	0
processed_	-	3	0	0	8	13	9	0.060608	0	0	0.250857
antisense	-	1	0	0	1	0	0	0.092303	0	0	0.143267
pseudogen	-	0	1	0	0	3	0	0	0.130717	0	0
pseudogen	eukaryotic_	0	2	2	9	17	8	0	0.098573	0.092747	0.5369
antisense	-	0	0	0	2	6	5	0	0	0	0.323466
lincRNA	-	0	0	0	4	11	0	0	0	0	0.301366
pseudogen	-	0	0	0	2	4	1	0	0	0	0.083367
antisense	-	2	0	0	0	0	1	0.194969	0	0	0
pseudogen	-	1	0	0	0	1	1	0.011781	0	0	0
antisense	-	8	11	7	8	11	20	0.13616	0.240083	0.143749	0.211339
pseudogen	-	0	1	0	0	0	1	0	0.113882	0	0
processed_	-	2	1	0	4	2	1	0.11826	0.075826	0	0.367111
antisense	-	0	0	0	3	20	17	0	0	0	0.076503
processed_	-	0	0	0	1	0	0	0	0	0	0.131609
antisense	-	0	0	0	24	27	30	0	0	0	2.392761
antisense	-	5	4	8	1	9	2	0.116352	0.119364	0.224617	0.036119
antisense	-	0	0	0	0	1	0	0	0	0	0
antisense	-	0	0	0	0	2	0	0	0	0	0
antisense	-	6	6	5	0	0	0	0.440972	0.565484	0.443382	0
protein_co	chromosor	0	0	0	106	138	65	0	0	0	10.15087
antisense	-	0	0	0	2	1	1	0	0	0	0.335391
pseudogen	-	11	3	5	7	3	3	0.376764	0.131767	0.206631	0.372139
pseudogen	trans-23-er	23	20	30	32	28	38	2.349609	2.620035	3.697745	5.073973
pseudogen	peptidylpr(	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	1	0	0	0	0	0	0.025587	0	0
antisense	-	1	0	3	1	2	1	0.088305	0	0.319636	0.137062
lincRNA	-	1	0	0	2	4	9	0.102829	0	0	0.31921
lincRNA	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	1	0	0	1	0	0	0.066515	0	0
pseudogen	voltage-dep	0	2	0	0	0	1	0	0.144023	0	0
pseudogen	breakpoint	0	0	0	1	1	0	0	0	0	0.287667
pseudogen	ribosomal_	1	0	0	2	1	1	0.098716	0	0	0.306441
antisense	-	7	1	2	1	2	0	0.384795	0.070492	0.132651	0.085322
processed_	-	1	1	1	5	6	3	0.111909	0.143508	0.135025	0.868494
pseudogen	glyceraldeh	0	2	0	0	2	3	0	0.127664	0	0
antisense	-	2	3	0	0	1	0	0.096283	0.185205	0	0
antisense	ZRANB2_ar	2	5	0	6	1	3	0.154498	0.495303	0	0.719405
pseudogen	-	1	0	3	0	0	0	0.052042	0	0.188376	0
pseudogen	-	5	6	3	8	3	2	0.771217	1.186772	0.558311	1.915258
pseudogen	coiled-coil-	5	0	1	2	1	2	0.507468	0	0.122458	0.315064
antisense	-	1	0	1	3	0	1	0.122109	0	0.147332	0.568592
sense_intro	FNDC1_int	2	4	0	0	0	1	0.181744	0.466122	0	0
pseudogen	-	2	4	2	1	1	0	0.290341	0.744641	0.350313	0.225324
pseudogen	ribosomal_	0	1	0	3	7	2	0	0.087271	0	0.316893
lincRNA	-	2	0	1	3	1	0	0.116497	0	0.07028	0.271229

antisense	-	15	11	13	14	22	9	0.738038	0.694048	0.771754	1.069168
antisense	-	2	2	1	2	2	2	0.1334	0.171066	0.080477	0.207055
lincRNA	long_interg	0	0	0	0	0	1	0	0	0	0
protein_co	ankyrin_rep	3	1	4	33	49	5	0.069846	0.029856	0.112364	1.192519
lincRNA	-	3	2	0	6	5	4	0.108374	0.09265	0	0.336424
pseudogen	SET_pseudo	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	1	0	6	0	1	0	0.047836	0	0.347398
antisense	long_interg	556	385	425	260	326	305	5.033954	4.469969	4.642709	3.653746
protein_co	zinc_finger_	43	26	22	78	96	111	0.567804	0.440263	0.35051	1.598655
pseudogen	-	8	1	3	4	8	3	1.267298	0.203141	0.5734	0.983511
pseudogen	-	0	0	0	1	0	0	0	0	0	0.107187
lincRNA	-	3	5	4	7	4	1	0.201822	0.431347	0.32468	0.730931
antisense	-	0	0	0	0	0	2	0	0	0	0
antisense	-	14	11	9	6	8	7	0.362886	0.365632	0.28147	0.241392
antisense	DSCAM_ant	0	0	0	0	1	3	0	0	0	0
pseudogen	-	4	1	0	1	0	0	0.234744	0.075256	0	0.091089
pseudogen	fatty_acid_	0	2	0	0	0	0	0	0.317308	0	0
antisense	-	0	0	0	0	1	1	0	0	0	0
antisense	-	32	16	28	19	46	49	0.710455	0.455529	0.750054	0.654743
pseudogen	-	0	0	0	0	1	0	0	0	0	0
antisense	-	0	0	0	0	2	0	0	0	0	0
pseudogen	-	0	0	1	1	2	1	0	0	0.06891	0.088648
antisense	-	0	0	0	1	0	0	0	0	0	0.12746
lincRNA	-	0	0	0	106	107	81	0	0	0	9.431123
protein_co	transmemb	1	0	1	0	0	0	0.103282	0	0.124616	0
antisense	-	3	3	3	1	0	0	0.162249	0.208062	0.195763	0.083944
protein_co	chromosom	1230	1061	1044	160	210	194	42.22161	46.70404	43.23926	8.52472
processed_	-	9	3	5	11	13	15	0.591051	0.252646	0.396187	1.121257
protein_co	small_integ	30	17	21	24	40	18	2.576375	1.872173	2.175981	3.199112
processed_	-	2	2	2	0	0	3	0.095402	0.122339	0.115108	0
protein_co	family_with	85	69	58	75	62	79	1.574734	1.639256	1.296475	2.156652
pseudogen	ribosomal_	124	97	125	113	99	114	37.27155	37.3884	45.33294	52.7187
lincRNA	long_interg	16	8	6	0	0	0	0.642329	0.411848	0.290628	0
pseudogen	-	0	0	1	1	0	0	0	0	0.173014	0.222568
antisense	-	1	0	1	0	0	0	0.089145	0	0.107558	0
antisense	NUCB1_ant	4	1	1	0	0	0	0.433164	0.138868	0.130659	0
lincRNA	-	0	0	1	2	3	3	0	0	0.072626	0.186854
protein_co	protein_ph	145	83	102	35	65	41	1.506548	1.105866	1.278684	0.564435
pseudogen	-	0	1	0	0	0	0	0	0.110533	0	0
antisense	-	11	4	9	2	2	2	1.674643	0.780906	1.65318	0.472596
pseudogen	TatD_DNas	0	0	0	0	0	1	0	0	0	0
lincRNA	-	2	0	1	0	0	0	0.138319	0	0.083445	0
antisense	FAM83C_ar	0	0	1	5	1	2	0	0	0.160726	1.033804
lincRNA	-	0	0	0	3	0	3	0	0	0	0.688768
pseudogen	testis_spec	340	267	247	221	311	231	4.104687	4.133536	3.597876	4.141178
lincRNA	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	0	1	2	0	0	0	0
IG_V_pseu	immunoglo	1	0	0	0	0	0	0.132458	0	0	0
antisense	-	0	2	0	5	7	3	0	0.216684	0	0.655674
pseudogen	SMT3_supp	12	10	9	22	22	18	1.981268	2.117246	1.792886	5.637872
pseudogen	-	1	0	0	1	2	2	0.269483	0	0	0.418275
pseudogen	-	1	4	0	10	8	2	0.092303	0.473463	0	1.432673
processed_	-	6	5	6	8	9	8	0.115068	0.122965	0.138836	0.238134
antisense	-	36	28	37	28	45	24	2.696551	2.689512	3.34392	3.255327
processed_	-	3	0	3	0	1	0	0.473637	0	0.57147	0
pseudogen	-	10	2	0	4	3	4	0.389129	0.0998	0	0.241593
pseudogen	transmemb	3	1	2	0	7	4	0.257637	0.110128	0.207236	0
processed_	-	37	30	35	13	15	8	0.552702	0.574672	0.63082	0.301414
pseudogen	-	1	4	0	2	1	0	0.128115	0.657156	0	0.397704
sense_intro	KDM5C_int	1	0	0	1	2	2	0.062106	0	0	0.096397
lincRNA	-	0	1	0	0	0	0	0	0.084929	0	0
pseudogen	-	0	1	0	3	2	0	0	0.15146	0	0.549973
protein_co	lysine_(K)-s	0	1	0	0	1	1	0	0.025707	0	0
lincRNA	-	1	0	0	0	0	0	0.07789	0	0	0
lincRNA	-	0	0	0	2	1	1	0	0	0	0.281547

pseudogen	family_witl	1	2	1	0	1	3	0.132458	0.339716	0.159818	0
pseudogen	keratin_18_	0	0	1	0	0	0	0	0	0.043721	0
sense_intrc	-	0	1	1	0	1	1	0	0.150324	0.141439	0
antisense	MCF2L_ant	1	1	0	7	4	12	0.065857	0.084452	0	0.715532
sense_intrc	-	1	5	6	1	1	3	0.545233	3.495918	3.947128	0.846277
sense_intrc	SMIM2_int	0	1	0	0	1	0	0	0.125795	0	0
pseudogen	-	1	4	0	1	4	2	0.03236	0.16599	0	0.050228
pseudogen	major_hist	1	1	0	0	2	1	0.060817	0.077989	0	0
lincRNA	-	0	0	1	1	0	0	0	0	0.202055	0.259928
antisense	-	0	0	0	0	1	0	0	0	0	0
pseudogen	FBR-MuSV-	1	1	1	4	5	0	0.113261	0.145241	0.136656	0.703186
antisense	-	5	2	3	5	6	3	0.601154	0.308358	0.435196	0.933074
pseudogen	mitochond	3	1	1	0	3	6	0.440972	0.188495	0.177353	0
lincRNA	-	1	0	0	0	0	0	0.024384	0	0	0
pseudogen	-	3	3	4	2	0	3	0.296147	0.379767	0.476425	0.306441
pseudogen	-	0	0	0	0	0	2	0	0	0	0
sense_intrc	HM13_intr	31	27	24	17	8	22	4.083119	4.560406	3.814079	3.47544
processed_	-	3	4	4	1	5	2	0.054313	0.092865	0.087375	0.0281
pseudogen	dual_specif	93	69	96	51	71	20	2.402629	2.285926	2.992423	2.045052
lincRNA	-	0	2	1	2	5	0	0	0.178427	0.08394	0.215964
lincRNA	-	1	0	5	1	0	0	0.087318	0	0.526774	0.13553
pseudogen	-	3	0	1	0	4	0	0.428872	0	0.172486	0
pseudogen	-	0	0	1	5	9	1	0	0	0.08394	0.53991
pseudogen	-	0	0	1	0	0	0	0	0	0.066325	0
antisense	-	1	1	0	1	1	2	0.072924	0.093514	0	0.113188
pseudogen	dual_specif	0	0	0	0	0	1	0	0	0	0
processed_	hsa-mir-10	0	0	1	0	0	0	0	0	0.698463	0
pseudogen	-	2	0	1	5	0	1	0.076932	0	0.046411	0.298523
pseudogen	-	0	0	0	1	0	0	0	0	0	0.231047
antisense	-	3	11	2	16	12	9	0.240873	1.132582	0.193752	1.993967
pseudogen	-	0	2	1	0	1	0	0	0.703272	0.330851	0
pseudogen	-	0	1	0	0	0	0	0	0.085412	0	0
lincRNA	-	2	0	1	1	0	1	0.132271	0	0.079796	0.102651
antisense	-	0	0	1	2	2	1	0	0	0.240747	0.619403
pseudogen	small_nucl	66	37	56	86	110	67	13.75441	9.888011	14.08101	27.81806
antisense	-	0	0	0	1	0	0	0	0	0	0.139961
pseudogen	ribosomal_	1	5	9	1	6	0	0.176278	1.130259	1.914209	0.273608
processed_	chondroiti	0	1	1	1	0	0	0	0.00687	0.006464	0.008316
pseudogen	-	0	1	0	0	0	0	0	0.02603	0	0
lincRNA	-	8	12	8	20	13	23	0.077185	0.148469	0.093128	0.299505
pseudogen	signal_sequ	11	11	7	6	14	9	0.533392	0.684	0.409543	0.451581
pseudogen	-	1	0	0	1	2	0	0.022014	0	0	0.034169
antisense	-	107	99	113	24	25	35	1.624751	1.927736	2.070282	0.565646
lincRNA	-	0	0	0	1	2	0	0	0	0	0.048617
pseudogen	-	11	13	18	4	6	5	4.912288	7.444641	9.698658	2.772564
processed_	-	2	3	7	3	4	2	0.058176	0.111904	0.245675	0.135446
sense_intrc	-	0	1	0	0	1	1	0	0.123724	0	0
antisense	EPN2_antis	6	4	2	7	6	5	0.23642	0.202117	0.095085	0.428116
lincRNA	long_interg	10	12	9	14	9	18	0.225	0.346237	0.244328	0.488924
antisense	-	0	1	0	1	1	1	0	0.139189	0	0.168472
lincRNA	-	3	5	14	11	10	8	1.034339	2.210654	5.823949	5.886602
antisense	-	0	0	0	1	0	0	0	0	0	0.092126
pseudogen	-	4	0	1	1	1	1	0.16239	0	0.048983	0.063013
pseudogen	-	4	3	3	1	0	6	0.191583	0.184259	0.173367	0.074341
pseudogen	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
processed_	-	3	1	2	0	0	0	0.246357	0.105306	0.198163	0
pseudogen	ribosomal_	0	1	1	0	0	0	0	0.072185	0.067918	0
3prime_ov	-	63	88	76	27	21	42	2.661325	4.767047	3.873638	1.770319
pseudogen	-	0	0	0	0	1	0	0	0	0	0
antisense	-	3	8	6	0	1	5	0.275284	0.941367	0.664292	0
antisense	-	1	1	1	0	0	2	0.121477	0.155777	0.146569	0
pseudogen	-	1	0	0	0	0	0	0.052923	0	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	dpy-19-like	1	2	2	7	1	1	0.020081	0.051503	0.048459	0.218184

processed_	-	106	86	73	85	82	70	9.395731	9.775354	7.807206	11.6943
pseudogen	-	0	0	0	4	2	1	0	0	0	0.355023
sense_intrc	-	1	3	1	0	4	0	0.129889	0.499694	0.156719	0
pseudogen	-	0	0	0	0	3	2	0	0	0	0
processed_	-	0	3	0	0	1	0	0	0.225769	0	0
pseudogen	-	6	3	7	5	8	2	1.480737	0.949418	2.084361	1.915258
lincRNA	-	0	0	0	1	0	0	0	0	0	0.360296
processed_	TOPORS_ar	17	5	12	14	9	16	0.79713	0.300649	0.678906	1.018917
pseudogen	-	4	3	4	6	5	7	0.169431	0.162953	0.204428	0.39447
lincRNA	-	0	0	0	1	0	1	0	0	0	0.064123
pseudogen	TGF-beta_a	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	0	0	2	0	0	0	0
pseudogen	mitochond	0	0	0	0	1	0	0	0	0	0
antisense	-	0	0	0	1	1	0	0	0	0	0.113718
lincRNA	-	5	2	3	1	2	1	0.479448	0.24593	0.347089	0.148834
antisense	-	105	78	98	87	116	85	2.726164	2.596968	3.069989	3.506004
protein_co	Uncharacte	1	0	0	1	7	1	0.039906	0	0	0.06194
antisense	-	2	0	0	3	9	2	0.213136	0	0	0.496226
antisense	-	2	2	4	8	5	2	0.144946	0.185873	0.349771	0.899905
pseudogen	ribosomal_	1	0	0	0	0	0	0.059279	0	0	0
antisense	GYG2_antis	3	0	0	0	1	0	0.273146	0	0	0
pseudogen	-	1	0	0	2	2	0	0.056426	0	0	0.175162
antisense	JARID2_ant	3	1	3	5	18	19	0.309165	0.132153	0.373025	0.799778
pseudogen	DBF4_hom	0	0	0	2	1	2	0	0	0	0.076934
lincRNA	-	0	0	0	9	10	14	0	0	0	0.867574
lincRNA	-	0	1	1	8	7	12	0	0.213985	0.201336	2.072023
lincRNA	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	36	39	36	18	23	34	4.328309	6.01298	5.222354	3.359068
antisense	-	105	79	88	95	99	71	5.171693	4.989762	5.229669	7.26269
pseudogen	-	2	1	0	0	0	0	0.026567	0.017034	0	0
pseudogen	ribosomal_	4	4	1	4	8	3	0.211932	0.271773	0.063927	0.328948
pseudogen	-	2	0	0	4	5	4	0.413128	0	0	1.282463
antisense	-	7	8	14	7	4	6	0.131292	0.192415	0.316823	0.203783
lincRNA	-	0	0	0	3	7	6	0	0	0	0.366957
antisense	-	5	1	4	1	1	3	0.263427	0.067562	0.254272	0.081775
pseudogen	ferritin_ligl	0	0	0	0	0	1	0	0	0	0
antisense	-	3	1	1	1	0	0	0.27691	0.118366	0.111369	0.143267
processed_	-	1	0	2	0	2	0	0.022149	0	0.053449	0
sense_intrc	AGAP1_int	7	1	5	8	20	8	0.494322	0.090557	0.42602	0.876865
antisense	-	7	13	9	1	1	3	0.284922	0.678548	0.441996	0.063177
protein_co	Protein_LO	227	216	190	3	6	3	2.522283	3.077734	2.547238	0.051739
processed_	long_interg	0	0	0	7	2	7	0	0	0	0.152533
antisense	-	13	6	6	12	12	10	0.496393	0.293794	0.276428	0.711203
pseudogen	-	0	0	0	1	0	0	0	0	0	0.054232
pseudogen	NADH_deh	2	0	0	2	2	4	0.201677	0	0	0.313031
pseudogen	-	0	0	0	1	0	2	0	0	0	0.087266
pseudogen	-	1	0	0	0	0	0	0.133971	0	0	0
pseudogen	ribosomal_	175	123	126	169	177	194	9.464536	8.530525	8.222046	14.1866
pseudogen	-	1	5	2	1	2	3	0.045348	0.290763	0.10943	0.070387
pseudogen	SUMO1_ps	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	1	1	0	3	4	0	0.161639	0.152085	0
antisense	-	5	5	2	33	51	9	0.162249	0.208062	0.078305	1.662099
antisense	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	12	15	15	10	16	6	0.247659	0.396984	0.373518	0.320334
protein_co	NFAT_activ	9	2	2	49	61	33	0.075332	0.021467	0.020198	0.636596
lincRNA	long_interg	0	0	0	2	4	1	0	0	0	0.271061
pseudogen	-	0	2	3	3	5	0	0	0.110941	0.156574	0.20142
lincRNA	-	0	0	0	1	0	0	0	0	0	0.299505
lincRNA	-	0	0	0	1	0	1	0	0	0	0.163183
pseudogen	-	0	0	1	0	1	0	0	0	0.287185	0
antisense	-	10	5	3	3	4	4	2.012447	1.290339	0.72844	0.937079
pseudogen	glyceraldeh	5	2	1	11	9	4	0.233052	0.119542	0.056238	0.795803
antisense	GNAS_antis	28	28	11	67	51	54	1.135744	1.456431	0.538348	4.218206
antisense	RBMS3_ant	1	0	1	0	0	0	0.084639	0	0.102122	0
pseudogen	glyceraldeh	0	0	0	0	0	1	0	0	0	0

lincRNA	-	8	2	7	0	1	0	0.099291	0.031832	0.104825	0
lincRNA	-	0	0	0	0	1	1	0	0	0	0
pseudogen	POU_class_	11	8	6	76	85	66	0.769836	0.717968	0.506646	8.255619
pseudogen	-	0	0	0	0	1	0	0	0	0	0
protein_co	NK1_home	0	0	0	0	1	2	0	0	0	0
lincRNA	-	17	15	33	2	1	3	0.399164	0.451651	0.934898	0.072889
pseudogen	nuclear_sp	0	1	1	1	5	4	0	0.035517	0.033417	0.042989
pseudogen	olfactory_r	0	0	0	1	0	3	0	0	0	0.078258
pseudogen	suppressio	0	0	0	1	2	10	0	0	0	0.065627
pseudogen	-	1	7	2	1	0	4	0.169278	1.519526	0.408487	0.262743
processed_	-	6	3	5	1	4	1	0.129233	0.082861	0.129939	0.033431
pseudogen	-	0	0	1	0	1	0	0	0	0.182502	0
processed_	long_interg	0	0	0	2	0	0	0	0	0	0.041072
pseudogen	-	2	0	0	0	0	1	0.146531	0	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	small_nucl	1	1	4	2	4	3	0.19376	0.24847	0.935132	0.601486
protein_co	ring_finger	0	3	0	0	2	2	0	0.138335	0	0
antisense	-	4	0	3	2	0	1	0.432166	0	0.391075	0.335391
pseudogen	nuclear_un	14	11	6	10	11	8	0.744286	0.749918	0.384867	0.825168
pseudogen	-	0	0	0	0	0	2	0	0	0	0
lincRNA	long_interg	0	3	0	5	3	1	0	0.065716	0	0.132568
lincRNA	-	0	0	0	0	1	0	0	0	0	0
pseudogen	matrix-rem	4	2	3	0	0	0	0.023445	0.015032	0.021216	0
pseudogen	-	3	0	2	3	8	5	0.100622	0	0.080938	0.15618
antisense	-	9	7	12	4	8	3	0.590224	0.588683	0.949519	0.40716
pseudogen	H3_histone	400	368	327	603	729	822	18.35226	21.65143	18.10195	42.94151
lincRNA	long_interg	0	1	0	1	1	1	0	0.210982	0	0.255368
lincRNA	-	0	1	0	1	3	5	0	0.089081	0	0.107822
pseudogen	ribosomal_	0	0	0	3	3	0	0	0	0	0.452048
pseudogen	-	0	0	0	2	1	3	0	0	0	0.247972
pseudogen	-	7	0	1	0	0	1	0.475007	0	0.081875	0
pseudogen	nucleopho	6	8	15	3	1	6	0.38122	0.651814	1.149909	0.295853
pseudogen	-	2	6	8	3	6	2	0.430184	1.654949	2.076165	1.001557
pseudogen	-	1	0	0	1	2	0	0.022751	0	0	0.035313
pseudogen	peptidylpr	0	0	1	2	2	0	0	0	0.419078	1.078219
antisense	-	0	0	1	162	251	82	0	0	0.106345	22.16227
pseudogen	-	2	0	1	1	3	1	0.303495	0	0.183092	0.235533
pseudogen	proliferatic	0	0	1	0	2	0	0	0	0.047146	0
pseudogen	cytochrom	2	2	2	0	0	2	0.302516	0.387934	0.365003	0
pseudogen	poly(rC)_bi	1	1	0	2	0	2	0.047994	0.061545	0	0.148986
processed_	-	36	17	31	36	46	23	0.494447	0.299416	0.51372	0.76745
lincRNA	-	0	0	0	3	1	1	0	0	0	0.255966
pseudogen	-	0	0	0	0	1	0	0	0	0	0
processed_	DICER1_an	20	17	10	94	112	25	0.403702	0.440037	0.243545	2.945029
protein_co	ankyrin_re	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.111284
pseudogen	-	1	3	1	0	0	2	0.03458	0.133031	0.041722	0
pseudogen	-	0	0	1	0	0	0	0	0	0.024344	0
antisense	-	2	2	4	2	1	0	0.087481	0.112182	0.211103	0.135783
processed_	-	1	1	2	9	21	7	0.028384	0.036398	0.068493	0.3965
lincRNA	-	0	0	0	1	0	0	0	0	0	0.083463
pseudogen	-	0	0	0	2	0	0	0	0	0	0.424372
pseudogen	olfactory_r	2	0	0	0	0	0	0.105489	0	0	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
antisense	-	0	0	1	1	0	0	0	0	0.07594	0.097691
pseudogen	high_mobil	8	7	6	14	14	14	1.23802	1.389137	1.120307	3.362763
antisense	-	1	3	2	0	6	4	0.027599	0.106174	0.066599	0
pseudogen	C-terminal_	0	0	0	2	1	1	0	0	0	0.109115
pseudogen	-	1	3	1	7	2	2	0.083732	0.322124	0.101028	0.909748
antisense	-	0	0	0	2	0	0	0	0	0	0.094458
protein_co	KIAA0040	0	0	0	2	5	0	0	0	0	0.031893
antisense	-	4	1	1	18	20	10	0.432166	0.138548	0.130358	3.018517
pseudogen	small_nucl	1	1	0	0	0	0	0.213136	0.273317	0	0
pseudogen	bromodom	0	0	0	1	0	0	0	0	0	0.039945
processed_	long_interg	152	141	166	1	2	0	1.931513	2.297643	2.545131	0.019724

antisense	-	38	63	44	11	10	18	3.098819	6.588134	4.329256	1.392309
pseudogen	-	1	1	0	1	2	1	0.058539	0.075068	0	0.090861
antisense	-	1	0	1	2	2	2	0.0551	0	0.066481	0.171045
pseudogen	heterogene	0	1	1	3	0	0	0	0.068407	0.064363	0.248395
antisense	-	0	0	0	3	1	3	0	0	0	0.387127
sense_intrc	ZNRF3_intr	0	3	1	1	4	7	0	0.26764	0.08394	0.107982
antisense	-	12	12	9	0	1	2	0.645275	0.827474	0.583921	0
antisense	-	2	1	5	5	1	3	0.139762	0.089612	0.421576	0.542323
antisense	HCFC1_ant	2	1	0	0	0	1	0.267943	0.171799	0	0
lincRNA	-	3	1	0	1	3	0	0.119212	0.050957	0	0.061678
pseudogen	PRELI_dom	3	5	1	2	3	1	0.21411	0.457609	0.086112	0.221552
antisense	-	0	0	1	1	0	1	0	0	0.11961	0.153869
pseudogen	interferon_	4	0	1	4	8	2	0.446572	0	0.134704	0.693141
processed_	long_interg	646	507	513	461	460	348	11.87415	11.95053	11.3772	13.15229
pseudogen	ribosomal_	0	1	0	0	0	0	0	0.18732	0	0
pseudogen	tubulin_fol	0	0	0	4	1	4	0	0	0	0.893004
antisense	BHLHE40_a	10	7	15	20	9	8	0.199024	0.178654	0.360201	0.617825
pseudogen	calponin_2	0	0	0	0	0	1	0	0	0	0
sense_intrc	-	0	0	0	0	1	0	0	0	0	0
antisense	-	2	2	5	3	0	1	0.144722	0.185586	0.436539	0.336944
processed_	-	0	4	0	0	0	0	0	0.234653	0	0
antisense	-	3	0	0	1	0	3	0.290041	0	0	0.150061
antisense	RMDN2_an	0	0	1	0	1	2	0	0	0.065862	0
antisense	-	12	4	7	14	20	4	0.612274	0.261718	0.430934	1.108724
pseudogen	-	8	7	12	119	88	74	0.303987	0.341093	0.550167	7.018474
pseudogen	-	1	0	0	1	0	1	0.21411	0	0	0.332328
protein_co	UDP-Gal:be	85	62	68	90	108	54	2.363969	2.211179	2.281812	3.885043
pseudogen	heat_shock	0	0	0	5	0	0	0	0	0	0.234471
antisense	GSN_antise	417	290	315	6	14	9	4.105215	3.661063	3.741609	0.091681
pseudogen	-	1	0	0	4	6	4	0.140389	0	0	0.871614
antisense	-	3	5	8	4	4	2	0.181043	0.386936	0.582502	0.374671
processed_	ARHGEF7_a	0	0	0	0	0	1	0	0	0	0
pseudogen	fem-1_hom	0	2	0	0	0	0	0	0.060523	0	0
protein_co	Protein_LO	9	6	8	5	2	11	0.524888	0.44873	0.56294	0.452611
antisense	-	0	0	0	1	0	0	0	0	0	0.179261
processed_	-	37	24	29	16	15	46	1.054669	0.877274	0.99738	0.707889
lincRNA	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	1	0	0	1	0	1	0.033208	0	0	0.051544
antisense	TSPEAR_an	5	9	5	24	48	14	0.168912	0.389891	0.203802	1.25844
pseudogen	-	0	0	4	0	0	0	0	0	0.418303	0
antisense	TM4SF19_a	0	1	2	5	7	2	0	0.032876	0.061865	0.198961
antisense	-	0	3	0	0	0	0	0	0.318709	0	0
antisense	-	0	2	1	0	1	0	0	0.194595	0.091546	0
processed_	CPB2_antis	1	0	1	1	4	1	0.062771	0	0.075737	0.097429
antisense	RBMS3_ant	4	4	2	1	3	5	0.305971	0.392364	0.184586	0.118727
pseudogen	-	1	4	0	1	2	1	0.063709	0.326792	0	0.098886
sense_intrc	RHOA_intr	15	13	7	2	7	5	1.360445	1.511968	0.766013	0.281547
antisense	-	2	4	1	1	0	4	0.166572	0.42721	0.100489	0.129271
pseudogen	-	0	1	0	1	2	3	0	0.313176	0	0.379061
processed_	ASH1L_anti	21	28	20	57	66	39	0.503678	0.861194	0.578778	2.121969
pseudogen	-	0	0	1	0	0	0	0	0	0.057848	0
pseudogen	zinc_and_ri	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
antisense	NEXN_antis	17	20	19	3	6	3	0.347788	0.524693	0.468994	0.095262
protein_co	chromosor	0	0	0	0	2	0	0	0	0	0
antisense	-	0	2	1	0	0	0	0	0.219853	0.103429	0
pseudogen	-	1	1	0	0	1	0	0.113811	0.145946	0	0
pseudogen	zinc_finger	31	28	35	47	59	47	0.528578	0.612231	0.720052	1.243873
pseudogen	-	5	3	2	2	2	3	0.119985	0.092318	0.057907	0.074493
pseudogen	-	17	14	6	3	6	0	1.607118	1.697212	0.684381	0.4402
lincRNA	eosinophil_	2	5	4	1	0	1	0.064057	0.205361	0.154578	0.049713
antisense	-	1	3	0	0	0	0	0.108542	0.417568	0	0
processed_	TTC28_anti	47	44	63	149	197	123	0.376145	0.451564	0.608339	1.85086
pseudogen	-	0	0	0	1	0	0	0	0	0	0.025984
pseudogen	cytochrom	1	2	1	3	8	2	0.244219	0.626352	0.294664	1.137184

processed_	UBOX5_ant	12	4	10	4	6	7	0.313996	0.134218	0.315712	0.162455
protein_co	paraneopla	23	16	18	16	12	20	0.478257	0.426642	0.4516	0.516398
pseudogen	-	3	0	0	0	0	0	0.17739	0	0	0
pseudogen	FXYD_dom	1	0	0	1	0	0	0.162813	0	0	0.252708
pseudogen	cytochrom	3	1	2	0	0	0	0.383297	0.163841	0.308313	0
pseudogen	vomeronas	1	0	0	4	1	0	0.044572	0	0	0.276729
protein_co	Uncharacte	4	5	5	1	4	0	0.368487	0.590666	0.555752	0.142986
lincRNA	-	0	0	0	0	2	2	0	0	0	0
pseudogen	-	1	0	0	3	3	0	0.091226	0	0	0.424785
antisense	MORC2_an	106	59	66	93	113	169	2.29048	1.634865	1.72073	3.119134
pseudogen	-	1	1	2	2	1	0	0.111378	0.142826	0.268767	0.345747
pseudogen	-	0	0	0	0	1	0	0	0	0	0
antisense	-	0	0	0	8	16	9	0	0	0	0.573069
lincRNA	-	2	3	0	5	3	3	0.031768	0.061108	0	0.123272
processed_	-	82	79	97	64	74	47	1.936043	2.39187	2.763255	2.345371
pseudogen	-	15	17	13	5	8	3	0.814063	1.183109	0.851252	0.421179
antisense	-	3	0	2	0	0	3	0.215752	0	0.173544	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	1	1	1	13	10	2	0.005305	0.006803	0.006401	0.107041
pseudogen	-	7	5	7	3	4	6	0.398822	0.365309	0.481201	0.265297
antisense	-	1	1	2	6	8	6	0.05119	0.065644	0.123527	0.476724
antisense	ASMTL_ant	40	43	44	27	52	30	2.232858	3.078073	2.963479	2.339351
pseudogen	-	1	1	2	5	4	4	0.061214	0.078498	0.147717	0.475064
antisense	-	0	1	2	0	3	1	0	0.103851	0.195425	0
protein_co	-	1	0	0	1	0	0	0.010367	0	0	0.016091
antisense	-	0	4	3	2	5	0	0	0.320265	0.226001	0.193821
pseudogen	-	3	1	1	0	0	1	0.177614	0.075921	0.071434	0
lincRNA	-	4	1	3	1	0	3	0.318438	0.102088	0.28816	0.123565
pseudogen	fatty_acid_	2	1	0	1	7	1	0.229853	0.147377	0	0.178382
antisense	-	6	1	3	0	1	0	0.386988	0.082709	0.233462	0
pseudogen	-	12	9	7	5	5	1	0.955314	0.918791	0.672374	0.617825
pseudogen	-	2	0	2	0	0	0	0.078543	0	0.094766	0
lincRNA	-	0	0	0	1	2	0	0	0	0	0.028789
antisense	MYCBP2_ar	1	1	0	0	1	3	0.056223	0.072098	0	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
antisense	-	0	0	0	3	0	0	0	0	0	0.477767
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	glyceraldeh	1	0	0	0	0	0	0.050043	0	0	0
pseudogen	-	1	2	1	2	5	0	0.08541	0.219052	0.103052	0.265136
pseudogen	heat_shock	4	3	4	2	1	0	0.732657	0.704646	0.883992	0.568592
pseudogen	glutathione	0	0	0	1	3	0	0	0	0	0.110272
processed_	-	0	0	0	4	4	2	0	0	0	0.139291
antisense	-	1	1	1	1	2	6	0.027911	0.035792	0.033676	0.043321
lincRNA	-	1	4	3	5	2	0	0.107546	0.55165	0.389281	0.834631
lincRNA	-	55	50	50	0	0	0	3.770396	4.395453	4.135636	0
pseudogen	-	0	0	0	1	0	2	0	0	0	0.097954
pseudogen	-	0	0	0	2	0	1	0	0	0	1.265736
sense_intrc	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	0	0	2	0	0	0	0	0	0.1521
lincRNA	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	1	1	0	0	0	0	0.073611	0.094395	0	0
antisense	-	6	3	10	0	0	0	1.888189	1.210667	3.797014	0
pseudogen	olfactory_r	6	4	5	36	43	1	0.305141	0.260867	0.306809	2.841728
pseudogen	high_mobil	0	0	3	1	0	0	0	0	0.63568	0.272584
processed_	COX10_ant	118	139	121	44	52	37	1.845571	2.787872	2.283401	1.068149
lincRNA	-	5	2	5	0	0	0	0.243965	0.12514	0.294357	0
lincRNA	long_interg	0	0	1	3	6	0	0	0	0.137653	0.531239
sense_intrc	-	1	3	1	2	1	0	0.060193	0.231565	0.072626	0.186854
lincRNA	-	2	3	3	0	0	0	0.158412	0.304712	0.2867	0
protein_co	zinc_finger	897	816	814	261	370	197	15.86584	18.50845	17.37173	7.16542
lincRNA	-	0	0	1	13	7	22	0	0	0.032403	0.541889
antisense	-	0	0	1	3	2	1	0	0	0.024545	0.094724
pseudogen	-	1	0	1	0	0	0	0.153738	0	0.185493	0
antisense	-	0	0	0	0	0	2	0	0	0	0
lincRNA	-	0	0	0	1	0	1	0	0	0	0.07653

lincRNA	-	0	0	0	1	0	2	0	0	0	0.209137
lincRNA	-	0	3	1	0	1	1	0	0.209755	0.065785	0
pseudogen	carcinoeml	0	0	0	3	0	1	0	0	0	0.37451
lincRNA	-	0	0	0	1	1	0	0	0	0	0.114614
lincRNA	-	0	0	0	0	1	1	0	0	0	0
pseudogen	-	2	1	2	1	1	1	0.196604	0.126058	0.237214	0.152578
antisense	-	5	5	4	8	4	4	0.129245	0.165738	0.124753	0.320969
pseudogen	-	7	6	7	2	3	5	0.261538	0.287473	0.315561	0.115984
lincRNA	-	1	2	2	1	1	2	0.123071	0.315642	0.296984	0.191023
antisense	-	46	49	55	235	244	154	0.551506	0.753352	0.795616	4.373115
pseudogen	mitochond	0	1	0	0	0	0	0	0.195863	0	0
antisense	-	0	1	2	0	4	2	0	0.226905	0.426985	0
antisense	-	0	0	0	39	75	34	0	0	0	5.642967
pseudogen	-	3	2	5	19	38	20	0.066732	0.057049	0.134192	0.655985
pseudogen	coiled-coil-	2	5	12	8	5	6	0.228732	0.73329	1.655868	1.420094
pseudogen	-	0	0	1	0	0	0	0	0	0.09671	0
pseudogen	-	1	0	0	0	1	0	0.086994	0	0	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.128133
pseudogen	protease-as	4	5	1	8	7	2	0.357257	0.572665	0.107763	1.109026
lincRNA	-	7	6	7	7	11	9	0.59462	0.653585	0.717443	0.922932
lincRNA	-	1	0	0	0	0	1	0.037815	0	0	0
lincRNA	-	0	0	3	1	0	0	0	0	0.244563	0.10487
pseudogen	transcriptic	7	5	8	9	20	7	0.388898	0.356219	0.536261	0.776088
pseudogen	gap_junctic	0	0	2	0	0	0	0	0	0.10859	0
antisense	PRKX_antis	4	0	0	1	1	0	0.363489	0	0	0.141046
pseudogen	-	0	0	0	1	0	0	0	0	0	0.315064
sense_intrc	-	1	0	0	5	5	5	0.054842	0	0	0.425613
antisense	-	0	0	0	6	4	3	0	0	0	0.16998
antisense	-	28	23	11	1	0	4	3.126001	3.292822	1.481739	0.173285
antisense	KDM4A_an	14	13	18	10	13	8	0.788068	0.9384	1.22252	0.873707
antisense	GRM7_anti	0	0	0	1	0	0	0	0	0	0.169255
lincRNA	-	4	3	2	13	11	9	0.096234	0.092555	0.058056	0.485448
lincRNA	-	2	1	0	1	0	0	0.19061	0.122215	0	0.147926
pseudogen	-	0	0	0	0	2	0	0	0	0	0
lincRNA	-	0	0	0	4	2	4	0	0	0	0.570822
antisense	-	1	0	0	0	0	1	0.140811	0	0	0
pseudogen	vascular_er	0	0	0	0	1	0	0	0	0	0
processed_	-	1	0	0	0	0	0	0.069467	0	0	0
lincRNA	-	3	2	0	0	0	0	0.171131	0.146301	0	0
pseudogen	-	1	0	0	0	0	0	0.042396	0	0	0
pseudogen	-	3	0	2	2	6	1	0.056653	0	0.04557	0.058622
antisense	-	3	3	1	1	0	2	0.182926	0.234577	0.07357	0.094642
pseudogen	-	0	0	1	0	0	0	0	0	0.032989	0
pseudogen	-	0	0	0	0	1	1	0	0	0	0
pseudogen	-	1	0	0	0	0	0	0.037126	0	0	0
pseudogen	solute_carr	0	0	0	2	4	5	0	0	0	0.057511
pseudogen	MT-ND4_ps	1	0	0	2	0	0	0.034631	0	0	0.107503
lincRNA	-	19	14	14	90	75	55	0.28832	0.272433	0.256329	2.1198
antisense	DIAPH2_an	0	4	4	3	3	6	0	0.213226	0.200622	0.193563
pseudogen	-	0	0	0	1	0	0	0	0	0	0.150683
antisense	SHANK2_ar	0	0	0	2	5	1	0	0	0	0.408875
pseudogen	ribosomal_	3	3	2	2	8	9	0.218093	0.279673	0.175428	0.225674
antisense	-	1	2	1	4	0	1	0.056494	0.144891	0.068163	0.350746
lincRNA	-	0	1	0	0	1	1	0	0.039404	0	0
sense_intrc	ENO1_intrc	3	5	4	6	4	10	0.189073	0.404098	0.304169	0.586934
pseudogen	-	0	0	0	1	1	0	0	0	0	0.072562
pseudogen	phosphatid	0	1	1	0	0	0	0	0.109726	0.10324	0
protein_co	C-type_lect	0	0	0	10	8	2	0	0	0	0.332328
pseudogen	-	0	0	0	0	0	2	0	0	0	0
protein_co	zinc_finger	652	562	526	564	650	837	8.314466	9.190358	8.093205	11.1634
pseudogen	eukaryotic_	1	0	0	3	1	0	0.0667	0	0	0.310582
pseudogen	glucuronid	12	7	7	16	26	30	0.282896	0.211618	0.199109	0.585458
antisense	MRGPRG_a	1	0	0	0	1	3	0.025792	0	0	0
antisense	-	3	0	0	0	0	0	0.098647	0	0	0
antisense	-	2	6	1	10	19	5	0.254146	0.97772	0.153321	1.972352

pseudogen	-	0	0	1	0	0	1	0	0	0.131571	0
antisense	-	6	3	9	5	6	10	0.486748	0.312092	0.880933	0.629583
processed_	-	2	2	0	0	0	0	0.242953	0.311553	0	0
pseudogen	-	1	2	2	1	4	6	0.244219	0.626352	0.589328	0.379061
lincRNA	-	4	2	2	0	0	0	0.224086	0.143679	0.135186	0
antisense	-	0	3	1	0	2	2	0	0.484918	0.152085	0
pseudogen	-	0	0	0	2	1	3	0	0	0	0.39024
pseudogen	-	1	1	1	1	1	0	0.173026	0.221881	0.208766	0.26856
pseudogen	-	0	0	0	1	1	0	0	0	0	0.082144
processed_	TRHDE_ant	36	53	43	60	67	61	0.356653	0.673332	0.513997	0.922626
protein_co	peptidylpr	0	0	1	0	0	0	0	0	0.076661	0
antisense	-	0	0	0	7	10	2	0	0	0	1.380647
sense_intro	FMR1_intr	2	6	4	5	9	7	0.273411	1.051833	0.659773	1.06093
antisense	-	8	4	5	0	0	1	0.257992	0.165419	0.194551	0
lincRNA	-	2	1	1	0	0	2	0.157085	0.10072	0.094766	0
pseudogen	succinate-C	5	3	2	3	3	1	0.180903	0.139189	0.087308	0.168472
antisense	-	0	0	0	2	0	0	0	0	0	0.16466
antisense	-	7	6	9	7	10	6	0.945908	1.039708	1.467376	1.46818
lincRNA	-	0	0	0	1	0	0	0	0	0	0.03174
lincRNA	-	0	0	0	36	55	31	0	0	0	1.169153
pseudogen	POU_class_	3	2	1	1	0	2	0.336531	0.287702	0.135348	0.174114
lincRNA	-	3	0	0	0	0	1	0.274746	0	0	0
pseudogen	keratin_ass	0	1	0	6	8	6	0	0.105306	0	0.764761
processed_	long_interg	108	67	97	3	17	7	5.167471	4.110915	5.59982	0.222795
lincRNA	long_interg	0	0	0	2	0	3	0	0	0	0.071598
lincRNA	-	0	1	0	0	0	0	0	0.083167	0	0
antisense	ITCH_antis	0	1	1	0	1	1	0	0.201103	0.189216	0
lincRNA	-	1	2	0	0	0	0	0.050474	0.129451	0	0
antisense	-	9	3	4	1	6	8	0.72886	0.311553	0.39085	0.125699
processed_	-	1	1	0	1	2	1	0.139554	0.178958	0	0.216607
lincRNA	-	0	0	1	0	0	0	0	0	0.088816	0
lincRNA	-	3	0	3	1	0	3	0.04689	0	0.056576	0.02426
pseudogen	DEAD/H_(A	41	23	33	11	8	22	1.16444	0.837665	1.130825	0.484905
processed_	-	7	12	15	77	90	37	0.103641	0.227836	0.267961	1.769512
pseudogen	neurotroph	0	2	2	2	3	3	0	0.174037	0.16375	0.210651
pseudogen	NADH_deh	1	1	4	0	2	0	0.089314	0.114533	0.431051	0
pseudogen	cathepsin_	0	0	0	1	0	2	0	0	0	0.072635
lincRNA	-	8	6	1	13	16	17	0.122628	0.11794	0.018495	0.309296
antisense	-	0	0	1	0	0	0	0	0	0.080135	0
pseudogen	keratin_8_p	0	1	1	6	1	0	0	0.043858	0.041266	0.318511
antisense	-	3	5	1	13	11	14	0.054778	0.117075	0.022031	0.368434
antisense	-	1	1	0	1	0	1	0.107793	0.138229	0	0.16731
lincRNA	-	0	0	0	0	2	0	0	0	0	0
lincRNA	family_witl	35	27	47	156	203	262	0.756988	0.748849	1.226498	5.236923
pseudogen	-	4	4	1	11	14	9	0.582485	0.746954	0.1757	2.486267
pseudogen	ubiquitin-c	0	0	1	0	0	0	0	0	0.098736	0
sense_intro	ATG10_intr	0	0	0	1	3	1	0	0	0	0.149445
lincRNA	-	13	8	5	1	0	1	0.253988	0.200433	0.117866	0.030325
lincRNA	-	0	0	0	1	0	0	0	0	0	0.035296
lincRNA	-	4	6	5	0	0	0	0.252436	0.48557	0.380723	0
antisense	-	7	3	3	2	2	0	0.233616	0.128391	0.120802	0.103601
pseudogen	-	0	1	0	0	2	1	0	0.102786	0	0
sense_intro	-	0	0	0	0	1	0	0	0	0	0
pseudogen	heterogene	0	0	0	1	0	0	0	0	0	0.076934
lincRNA	-	1	0	0	0	0	0	0.030748	0	0	0
lincRNA	long_interg	0	0	1	1	1	0	0	0	0.131571	0.169255
lincRNA	-	0	0	0	0	0	1	0	0	0	0
antisense	-	21	6	10	0	0	0	0.276133	0.101172	0.158653	0
processed_	-	0	0	0	0	1	0	0	0	0	0
antisense	-	3	0	1	1	0	0	0.300577	0	0.120888	0.155512
pseudogen	glucosamir	1	0	2	1	3	1	0.036209	0	0.087375	0.056201
pseudogen	tripartite_r	2	1	0	0	0	2	0.124542	0.079854	0	0
pseudogen	-	7	5	3	4	13	12	0.288681	0.264423	0.149276	0.256042
pseudogen	pyruvate_k	0	0	0	0	2	0	0	0	0	0
lincRNA	-	0	0	0	1	0	2	0	0	0	0.24755

pseudogen	-	2	1	0	1	7	0	0.11151	0.071498	0	0.08654
pseudogen	ribonucleo	0	1	0	0	0	0	0	0.092224	0	0
pseudogen	-	1	1	1	0	0	0	0.156823	0.201103	0.189216	0
pseudogen	-	0	0	2	0	0	0	0	0	0.155001	0
pseudogen	eukaryotic_	2	0	1	0	2	3	0.093874	0	0.056632	0
lincRNA	-	1	1	0	1	5	2	0.029509	0.037841	0	0.045802
antisense	-	3	3	4	7	5	5	0.175399	0.224924	0.282172	0.635235
protein_co	Em:AC006	1	3	0	0	0	0	0.077249	0.297182	0	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.323466
lincRNA	-	1	0	0	0	0	0	0.082698	0	0	0
antisense	SIX3_antise	0	0	0	2	1	7	0	0	0	0.172464
antisense	-	0	0	0	1	0	0	0	0	0	0.085023
processed_	-	0	1	0	0	0	0	0	0.067867	0	0
antisense	-	0	1	0	0	0	0	0	0.072796	0	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.059412
antisense	-	4	0	2	8	12	13	0.181921	0	0.109749	0.564732
antisense	GPC6_antis	1	2	1	4	0	1	0.067178	0.172292	0.081054	0.417076
antisense	-	0	0	0	1	0	0	0	0	0	0.136292
antisense	-	35	21	27	15	7	5	0.896314	0.689637	0.834265	0.59623
pseudogen	ADP-ribosy	1	2	1	0	0	0	0.089145	0.22863	0.107558	0
antisense	-	2	1	0	1	3	0	0.110459	0.070824	0	0.085724
pseudogen	-	1	0	0	1	0	2	0.121792	0	0	0.189038
lincRNA	-	0	0	0	0	0	3	0	0	0	0
pseudogen	H3_histone	0	1	0	0	1	1	0	0.149205	0	0
sense_intrc	RC3H1_int	0	1	1	7	2	1	0	0.134218	0.126285	1.137184
antisense	-	3	5	2	0	0	0	0.20328	0.434464	0.163513	0
lincRNA	-	69	49	55	8	22	25	7.630687	6.948962	7.338804	1.373204
pseudogen	-	0	0	0	0	3	0	0	0	0	0
antisense	-	56	38	54	16	28	25	2.823485	2.456916	3.285029	1.252126
pseudogen	mediator_c	0	1	0	1	3	0	0	0.113452	0	0.13732
lincRNA	-	0	2	0	0	0	0	0	0.225205	0	0
antisense	-	2	2	6	0	4	1	0.159762	0.204872	0.578285	0
antisense	-	0	0	0	0	2	1	0	0	0	0
processed_	-	1	6	7	1	5	1	0.010404	0.080049	0.08787	0.016148
pseudogen	-	4	6	4	4	5	5	0.41222	0.79292	0.497367	0.639822
pseudogen	ribosomal_	518	427	454	740	721	676	39.68796	41.95331	41.96941	88.00172
pseudogen	asparagine_	0	2	2	4	0	0	0	0.092082	0.086639	0.222909
antisense	-	0	1	0	3	0	11	0	0.02996	0	0.108789
antisense	-	0	2	0	2	0	4	0	0.32155	0	0.389197
pseudogen	YWHAQ_ps	3	0	0	0	0	0	0.101787	0	0	0
pseudogen	heterogene	24	12	16	21	30	28	1.350973	0.866216	1.086684	1.834785
pseudogen	-	4	3	0	0	1	2	0.09683	0.093128	0	0
pseudogen	RAD23_hor	0	0	0	1	0	1	0	0	0	0.059315
pseudogen	-	0	0	0	2	3	2	0	0	0	0.132447
pseudogen	small_nucl	0	0	0	1	2	1	0	0	0	0.332328
antisense	STARD13_a	17	9	10	1	0	1	0.8857	0.601298	0.628617	0.080866
pseudogen	-	0	1	0	1	0	1	0	0.042585	0	0.051544
antisense	-	5	3	5	5	4	1	1.803462	1.387611	2.175981	2.799223
pseudogen	S100_calci	1	1	0	0	0	0	0.148857	0.190888	0	0
pseudogen	RAN_memb	5	4	3	4	7	9	0.360138	0.369461	0.260717	0.447188
lincRNA	-	0	0	1	4	0	0	0	0	0.098564	0.507176
protein_co	zinc_finger_	474	304	327	384	467	317	5.762476	4.739294	4.796523	7.245902
pseudogen	BCL2-antag	0	1	0	0	0	0	0	0.095293	0	0
antisense	-	0	4	0	0	3	8	0	0.433368	0	0
antisense	PITPNA_ant	0	1	0	2	1	6	0	0.110941	0	0.26856
protein_co	coiled-coil_	42	39	36	56	60	49	0.883527	1.052069	0.913736	1.828474
lincRNA	-	1	0	0	2	1	1	0.082263	0	0	0.255368
pseudogen	-	0	0	0	1	0	0	0	0	0	0.168472
lincRNA	-	0	0	1	0	0	0	0	0	0.117377	0
antisense	-	1	1	0	5	4	8	0.075997	0.097455	0	0.589788
pseudogen	late_endos	0	0	0	0	0	1	0	0	0	0
lincRNA	-	6	1	3	0	0	0	0.296147	0.063295	0.178659	0
pseudogen	-	3	0	2	4	1	2	0.679565	0	0.546623	1.406373
antisense	-	1	1	5	0	2	0	0.101494	0.130151	0.612289	0
antisense	-	1	0	1	1	3	1	0.111114	0	0.134065	0.172464

antisense	-	0	0	0	5	6	3	0	0	0	0.678916
antisense	-	0	0	0	0	0	1	0	0	0	0
protein_co	-	0	0	0	0	3	2	0	0	0	0
pseudogen	keratin_18_	3	5	4	0	2	4	0.108962	0.232881	0.175292	0
processed_	PRKG1_ant	7	8	14	2	2	1	0.295437	0.432978	0.712923	0.131017
processed_	-	0	0	0	2017	2207	2068	0	0	0	63.68627
pseudogen	-	1	0	0	0	0	0	0.034554	0	0	0
pseudogen	metaxin_1_	61	40	75	7	18	20	3.413235	2.870157	5.06344	0.607946
antisense	-	0	0	0	1	4	2	0	0	0	0.163183
pseudogen	-	0	0	0	2	2	0	0	0	0	0.117576
processed_	-	4	3	6	2	7	6	0.069725	0.067059	0.126191	0.054111
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	eukaryotic_	18	3	8	25	26	28	1.940277	0.414688	1.040469	4.182747
protein_co	Rho_guanir	1	0	0	0	1	2	0.008597	0	0	0
antisense	MYB_antise	0	0	0	0	0	1	0	0	0	0
antisense	-	0	0	0	0	2	2	0	0	0	0
sense_intro	DAPK1_intr	0	0	0	1	1	3	0	0	0	0.103675
pseudogen	-	2	1	0	0	0	0	0.128466	0.08237	0	0
antisense	SMAD9_an	10	5	5	1	2	2	0.930357	0.596526	0.561265	0.144404
pseudogen	-	0	1	0	0	0	0	0	0.161206	0	0
lincRNA	-	5	5	7	26	27	17	0.104806	0.134398	0.177036	0.845898
lincRNA	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.048878
antisense	-	2	0	0	0	0	0	0.385926	0	0	0
pseudogen	-	1	1	3	0	0	0	0.099343	0.127394	0.35959	0
processed_	galectin-rel	2	0	1	2	1	0	0.144722	0	0.087308	0.224629
pseudogen	-	1	2	1	0	0	0	0.087645	0.224784	0.105749	0
lincRNA	-	0	0	0	0	0	2	0	0	0	0
lincRNA	-	0	1	0	0	2	0	0	0.13697	0	0
pseudogen	yrdC_doma	0	1	1	4	2	5	0	0.09366	0.088124	0.453457
processed_	-	17	22	14	25	18	25	0.390176	0.647506	0.387693	0.8906
antisense	-	0	0	0	1	3	0	0	0	0	0.039597
protein_co	DNAJC9_ar	5	0	0	0	0	0	0.077198	0	0	0
lincRNA	-	1	0	0	0	0	0	0.066229	0	0	0
lincRNA	-	1	2	1	2	1	0	0.065306	0.167492	0.078796	0.202729
protein_co	CTAGE_fam	0	0	0	0	0	2	0	0	0	0
antisense	-	40	38	24	12	13	5	1.902232	2.317376	1.377091	0.885758
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	1	0	1	3	0	3	0.101935	0	0.12299	0.474651
processed_	INTS6_antis	1	11	4	7	7	4	0.051755	0.730053	0.249781	0.562316
pseudogen	-	0	1	0	1	0	0	0	0.070908	0	0.085825
lincRNA	-	0	0	0	3	2	1	0	0	0	0.103971
antisense	-	0	0	0	0	0	1	0	0	0	0
lincRNA	long_interg	0	0	0	2	2	0	0	0	0	0.062152
pseudogen	-	0	1	0	0	0	0	0	0.135733	0	0
pseudogen	-	1	0	0	2	0	1	0.039603	0	0	0.122939
pseudogen	sperm_aut	1	0	0	0	0	0	0.103739	0	0	0
lincRNA	-	0	0	1	1	0	0	0	0	0.164464	0.211569
pseudogen	-	7	10	7	17	20	16	0.692469	1.268561	0.835503	2.610246
pseudogen	ribosomal_	1	1	0	0	0	1	0.062271	0.079854	0	0
pseudogen	-	1	0	1	1	0	0	0.058981	0	0.071164	0.091547
pseudogen	sorting_ne	0	2	0	9	5	13	0	0.144196	0	0.785394
antisense	-	5	8	9	16	9	10	0.218296	0.447894	0.474096	1.084243
pseudogen	glyceraldeh	2	2	2	2	4	1	0.093968	0.120501	0.113378	0.145851
pseudogen	-	2	3	2	1	8	3	0.080154	0.154179	0.09671	0.062205
lincRNA	-	0	0	0	2	2	0	0	0	0	0.194079
lincRNA	brain_cyto	66	55	53	57	74	31	0.229956	0.245738	0.222804	0.308251
processed_	-	17	8	16	31	64	51	0.464799	0.280489	0.527818	1.315553
processed_	CBR3_antis	7	4	16	0	8	4	0.070572	0.051713	0.194627	0
processed_	-	0	0	0	2	2	0	0	0	0	0.098953
antisense	-	0	0	1	0	1	0	0	0	0.140038	0
antisense	-	14	12	15	0	0	0	0.17771	0.195332	0.229733	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.153544
lincRNA	-	0	0	0	0	1	0	0	0	0	0

pseudogen	-	1	0	1	1	3	6	0.176943	0	0.213492	0.274641
pseudogen	-	484	370	406	161	214	177	12.77859	12.52704	12.93336	6.597718
pseudogen	olfactory_r	0	0	0	1	3	0	0	0	0	0.079628
lincRNA	-	0	0	0	0	2	0	0	0	0	0
lincRNA	-	0	0	1	0	0	0	0	0	0.103052	0
pseudogen	-	19	25	23	0	0	0	1.611049	2.718345	2.35305	0
processed_	-	50	47	39	44	54	41	1.841713	2.220032	1.733264	2.515563
pseudogen	ribosomal_	5	4	3	0	0	0	1.493313	1.531969	1.081061	0
antisense	-	17	9	11	8	10	10	1.415862	0.961222	1.105383	1.034171
pseudogen	ribosomal_	0	0	1	2	0	1	0	0	0.120118	0.309044
pseudogen	-	5	7	6	1	2	10	0.504194	0.90518	0.730007	0.156516
antisense	-	9	13	9	7	15	8	0.925461	1.714227	1.116622	1.117234
lincRNA	long_interg	21	16	28	25	21	32	2.661325	2.600207	4.28139	4.917554
pseudogen	-	0	0	0	0	2	1	0	0	0	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
pseudogen	thymosin_l	0	0	2	0	1	1	0	0	0.589328	0
pseudogen	-	0	0	1	1	0	0	0	0	0.085461	0.109939
protein_co	chromosor	5	0	5	0	0	0	0.114254	0	0.137855	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.202166
pseudogen	-	1	2	0	1	1	1	0.223286	0.572665	0	0.34657
antisense	-	3	3	3	0	0	8	0.349926	0.44873	0.422205	0
sense_intrc	MIR600_hc	185	154	180	682	878	603	1.449641	1.547458	1.701803	8.294757
pseudogen	-	0	4	0	0	1	1	0	0.502128	0	0
lincRNA	-	0	2	3	2	7	1	0	0.040033	0.0565	0.048455
pseudogen	-	0	0	0	3	2	2	0	0	0	0.485199
processed_	-	15	26	22	0	4	5	0.727353	1.616727	1.287137	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.094397
lincRNA	-	1	1	0	0	0	0	0.105847	0.135733	0	0
lincRNA	-	0	0	0	0	2	0	0	0	0	0
processed_	-	0	1	1	17	35	18	0	0.114315	0.107558	2.352199
pseudogen	-	1	0	4	3	1	1	0.09	0	0.434361	0.419078
antisense	-	5	1	3	3	0	0	0.310942	0.079748	0.225101	0.289575
antisense	-	0	0	0	0	0	2	0	0	0	0
antisense	-	1	2	0	0	0	0	0.064855	0.166334	0	0
pseudogen	prostaglan	0	0	1	0	0	1	0	0	0.15892	0
lincRNA	-	1	3	0	0	0	0	0.105135	0.404461	0	0
protein_co	chromosor	0	0	3	0	0	0	0	0	0.342191	0
pseudogen	-	1	0	0	0	4	0	0.101494	0	0	0
pseudogen	-	3	5	1	0	2	0	0.103434	0.221065	0.0416	0
pseudogen	-	2	1	5	4	1	1	0.265666	0.170339	0.801353	0.8247
antisense	-	62	53	35	45	50	50	1.402403	1.537327	0.955206	1.57988
lincRNA	-	0	0	0	4	4	3	0	0	0	0.431288
sense_intrc	ZDHHC20_i	7	5	6	5	8	9	0.745978	0.683293	0.771484	0.827043
pseudogen	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	1	0	0	0	0	0	0.10072	0	0
pseudogen	gamma-glu	1	0	1	2	2	5	0.088139	0	0.106345	0.273608
pseudogen	fatty_acid_	1	3	0	1	0	0	0.114088	0.438904	0	0.17708
pseudogen	glyceraldeh	3	0	0	0	0	0	0.14067	0	0	0
lincRNA	-	0	0	0	1	1	1	0	0	0	0.121502
sense_intrc	ANKRD44_i	7	9	3	1	0	0	0.307044	0.506238	0.158771	0.068082
protein_co	uncharacte	0	0	0	1	0	0	0	0	0	0.103088
lincRNA	long_interg	2	0	2	0	4	0	0.145395	0	0.175428	0
antisense	-	0	1	2	7	4	4	0	0.064586	0.121537	0.547217
lincRNA	-	0	0	0	11	10	14	0	0	0	0.938544
antisense	-	8	11	10	8	6	17	0.526854	0.928972	0.7946	0.817751
pseudogen	-	2	1	1	0	1	0	0.187186	0.12002	0.112925	0
pseudogen	glyceraldeh	0	0	0	7	4	5	0	0	0	0.504414
pseudogen	Y_box_binc	0	0	0	1	0	0	0	0	0	0.107187
pseudogen	-	0	0	0	5	6	2	0	0	0	0.291586
pseudogen	-	1	0	0	0	2	3	0.146075	0	0	0
pseudogen	zinc_and_ri	83	57	66	113	99	59	8.785263	7.736791	8.428856	18.5646
pseudogen	keratin_18_	1	0	0	0	0	0	0.055426	0	0	0
antisense	GLIS3_antis	3	4	2	0	0	1	0.191649	0.327683	0.154157	0
lincRNA	-	1	0	0	0	0	0	0.064676	0	0	0
antisense	-	11	5	10	10	18	17	1.339715	0.780906	1.469494	1.890384

pseudogen	-	0	0	0	0	1	0	0	0	0	0
antisense	-	8	7	6	14	13	9	0.090216	0.101229	0.081639	0.24505
lincRNA	-	2	2	1	1	2	0	0.045065	0.057789	0.027187	0.034973
pseudogen	-	1	5	3	0	5	0	0.066323	0.425246	0.240066	0
pseudogen	-	3	0	1	0	1	1	0.450866	0	0.181332	0
antisense	-	2	0	3	0	2	0	0.115635	0	0.209281	0
processed_	-	1	4	0	3	8	7	0.107793	0.552918	0	0.50193
antisense	ZEB1_antis	40	26	39	15	14	11	3.206155	2.672435	3.7717	1.866149
antisense	NDUFA6_a	30	10	17	21	27	9	0.500427	0.213909	0.34215	0.543712
pseudogen	-	5	3	3	3	8	5	1.116429	0.858997	0.808222	1.039711
pseudogen	-	0	0	0	1	0	0	0	0	0	0.175797
pseudogen	ribosomal_	1	0	0	0	0	0	0.132458	0	0	0
antisense	PRMT5_ant	0	2	0	3	2	0	0	0.057158	0	0.103773
lincRNA	-	0	1	0	0	0	0	0	0.10072	0	0
pseudogen	Nanog_hor	0	1	1	0	4	0	0	0.066737	0.062792	0
pseudogen	ribosomal_	0	0	0	4	1	0	0	0	0	0.340889
antisense	-	14	25	7	0	0	1	0.175383	0.401615	0.105805	0
antisense	-	6	3	1	0	0	1	0.712253	0.456682	0.143229	0
pseudogen	-	2	2	2	1	4	3	0.026559	0.034058	0.032045	0.020612
lincRNA	-	0	0	0	0	0	1	0	0	0	0
antisense	EHMT2_ant	0	1	0	0	2	0	0	0.26964	0	0
pseudogen	cytochrom	31	26	37	32	34	17	6.889055	7.409359	9.920823	11.03769
pseudogen	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	0	55	109	74	0	0	0	6.94946
pseudogen	-	1	0	0	0	0	0	0.059505	0	0	0
lincRNA	-	37	25	38	43	56	52	0.651984	0.564917	0.807918	1.176073
lincRNA	-	5	0	0	0	0	0	0.417171	0	0	0
antisense	-	2	2	2	0	0	0	0.070884	0.090899	0.085526	0
pseudogen	-	7	3	3	4	7	2	0.134908	0.074143	0.06976	0.119654
pseudogen	cytochrom	4	11	2	18	19	11	0.177614	0.626352	0.107151	1.240565
lincRNA	-	0	0	0	4	7	0	0	0	0	0.235915
pseudogen	piezo-type_	0	0	0	0	2	0	0	0	0	0
pseudogen	MT-ND2_ps	0	0	0	1	3	3	0	0	0	0.112315
antisense	-	186	159	157	0	0	2	1.652433	1.811413	1.682902	0
antisense	-	8	6	14	11	14	21	0.301544	0.290015	0.636702	0.643551
lincRNA	-	0	0	2	0	0	0	0	0	0.414473	0
pseudogen	mitochond	0	1	0	0	0	1	0	0.162513	0	0
antisense	-	4	3	2	1	3	0	0.554911	0.533696	0.334766	0.215325
pseudogen	DEAD_(Asp	0	1	3	0	1	0	0	0.031107	0.087805	0
protein_co	chromosor	0	0	2	123	174	172	0	0	0.133748	10.58146
antisense	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	3	1	2	0	0	0	0.768801
pseudogen	-	0	0	0	0	1	2	0	0	0	0
processed_	ZNF503_an	25	22	22	0	2	5	0.579175	0.653585	0.614951	0
antisense	DLEU7_ant	0	0	0	1	1	1	0	0	0	0.076209
processed_	-	0	0	0	0	2	0	0	0	0	0
pseudogen	multiple_c	0	0	0	1	0	1	0	0	0	0.242599
pseudogen	-	0	0	0	7	10	5	0	0	0	0.985413
antisense	-	0	0	0	8	9	4	0	0	0	0.652734
pseudogen	-	10	6	2	2	6	0	0.302712	0.232911	0.073048	0.09397
pseudogen	-	1	0	1	0	0	0	0.127766	0	0.154157	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.116262
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	2	0	0	0	1	0	0.160582	0	0	0
protein_co	UDP-GlcNA	988	750	777	136	180	64	15.88184	15.46018	15.06999	3.39323
antisense	-	3	6	13	0	0	1	0.192435	0.493541	1.006131	0
processed_	-	315	235	219	9	13	21	5.150054	4.926953	4.320096	0.228388
processed_	-	35	21	28	23	29	23	1.55265	1.194632	1.498689	1.583666
protein_co	CDKN2A_ir	482	344	345	527	790	622	18.47996	16.91304	15.95957	31.36137
protein_co	family_witl	0	1	0	0	1	0	0	0.04484	0	0
sense_intrc	ZBTB40_int	1	4	2	1	1	2	0.171758	0.881023	0.414473	0.266593
lincRNA	-	0	0	0	1	1	0	0	0	0	0.113896
pseudogen	-	1	6	0	3	4	3	0.080154	0.616716	0	0.37323
pseudogen	-	0	0	0	1	0	0	0	0	0	0.16965

antisense	PPEF1_anti	0	0	0	0	1	0	0	0	0	0
processed_	-	1	0	0	0	0	0	0.012857	0	0	0
pseudogen	sulfotransfe	1	0	0	0	0	0	0.025008	0	0	0
antisense	-	0	0	1	0	0	0	0	0	0.071254	0
pseudogen	olfactory_r	1	0	1	0	0	0	0.048092	0	0.058026	0
pseudogen	ribosomal_	0	0	1	3	0	0	0	0	0.073001	0.281728
pseudogen	-	1	0	3	17	36	36	0.152736	0	0.552855	4.030152
lincRNA	ZNF295_an	1	0	1	1	1	1	0.016344	0	0.01972	0.025368
antisense	-	3	0	1	0	0	0	0.163001	0	0.065557	0
antisense	-	4	7	0	0	2	0	0.24139	0.54171	0	0
pseudogen	-	111	92	108	11	9	10	4.647136	4.939233	5.455495	0.714802
antisense	-	7	6	3	0	1	2	0.568856	0.625267	0.294153	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.029597
pseudogen	-	1	0	0	6	5	6	0.118709	0	0	1.105516
processed_	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	0	0	2	0	0	0	0	0	0.188793
pseudogen	-	0	0	0	1	0	0	0	0	0	0.157874
lincRNA	-	0	1	0	0	0	0	0	0.164739	0	0
TR_V_gene	T_cell_rece	0	0	0	0	0	1	0	0	0	0
pseudogen	MT-ND2_ps	0	0	0	0	2	0	0	0	0	0
antisense	-	0	1	1	1	0	0	0	0.233061	0.219285	0.282092
pseudogen	mitogen-ac	2	0	0	2	4	2	0.043377	0	0	0.067326
pseudogen	ferritin_hea	2	4	2	3	1	3	0.1702	0.436514	0.205356	0.39626
processed_	-	0	0	0	0	0	1	0	0	0	0
pseudogen	ribosomal_	0	0	0	6	2	0	0	0	0	0.887559
pseudogen	-	0	0	0	1	0	0	0	0	0	0.07249
pseudogen	anoctamin_	17	13	9	17	15	1	0.463448	0.454469	0.296035	0.719335
sense_intrc	-	8	5	10	0	10	6	0.545233	0.43699	0.822318	0
antisense	-	1	1	0	0	0	4	0.087645	0.112392	0	0
lincRNA	-	2	1	10	0	0	0	0.12794	0.082032	0.771835	0
pseudogen	heterogene	0	0	0	1	0	0	0	0	0	0.075812
antisense	-	0	0	0	0	1	0	0	0	0	0
protein_co	creatine_ki	0	0	0	165	201	101	0	0	0	5.011965
lincRNA	-	1	0	0	0	2	0	0.020539	0	0	0
lincRNA	-	0	0	0	2	2	0	0	0	0	0.240594
lincRNA	-	1	0	0	2	1	0	0.086513	0	0	0.26856
pseudogen	smg-1_hom	18	21	17	24	21	20	0.199863	0.299012	0.227749	0.41362
antisense	TTN_antise	23	10	9	11	14	17	0.234859	0.130945	0.110884	0.174342
pseudogen	-	0	0	0	0	0	1	0	0	0	0
processed_	-	2	3	9	6	4	2	0.032963	0.063406	0.178973	0.15349
pseudogen	HIG1_hypo	1	0	0	0	0	0	0.171131	0	0	0
pseudogen	-	1	0	0	0	0	0	0.143395	0	0	0
pseudogen	serine/argi	0	2	1	0	2	0	0	0.044906	0.021126	0
lincRNA	-	5	5	5	5	21	7	0.434167	0.556757	0.523847	0.673887
lincRNA	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	1	1	0	0	1	5	0.06186	0.079327	0	0
antisense	RAI1_antise	5	1	2	3	1	2	0.323826	0.083052	0.156286	0.301574
pseudogen	-	0	0	1	5	1	1	0	0	0.111589	0.71775
protein_co	ring_finger_	0	0	0	0	1	0	0	0	0	0
antisense	XIAP_antise	6	4	0	4	0	1	0.583693	0.499002	0	0.603982
antisense	-	1	1	0	0	0	0	0.064945	0.083282	0	0
antisense	FTCD_antis	1	2	0	1	8	1	0.09378	0.240519	0	0.14556
lincRNA	-	0	0	0	4	8	2	0	0	0	0.595336
pseudogen	-	3	0	0	1	1	5	0.349057	0	0	0.180595
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	cell_divisio	15	10	17	9	15	13	1.221094	1.04392	1.669763	1.137184
pseudogen	-	5	3	3	4	1	12	0.187861	0.144543	0.135999	0.233269
protein_co	prostate_a	0	0	0	0	1	5	0	0	0	0
lincRNA	-	10	14	21	6	8	11	0.828446	1.487309	2.099091	0.771517
lincRNA	-	0	3	2	6	5	7	0	0.069945	0.043874	0.169321
lincRNA	-	0	0	2	0	0	1	0	0	0.155427	0
processed_	-	0	0	0	2	1	5	0	0	0	0.16965
pseudogen	-	0	0	0	0	1	0	0	0	0	0
antisense	-	0	0	0	0	1	0	0	0	0	0
processed_	-	0	0	0	2	1	3	0	0	0	0.17708

processed_	BRWD1_int	0	0	1	0	0	0	0	0	0.115696	0
antisense	HOXD_clus	124	101	104	0	0	6	5.820182	6.079189	5.889742	0
pseudogen	ribosomal_	1	0	1	1	1	3	0.100839	0	0.121668	0.156516
antisense	-	0	0	0	2	3	1	0	0	0	0.220545
processed_	-	0	0	0	4	1	3	0	0	0	0.052116
pseudogen	major_hist	0	0	0	23	17	36	0	0	0	7.309762
processed_	PITRM1_an	22	16	11	4	16	4	0.269835	0.251655	0.162786	0.076149
sense_intrc	CAMTA1_ir	0	0	1	1	0	0	0	0	0.155001	0.199397
lincRNA	-	0	0	0	0	0	1	0	0	0	0
pseudogen	NADH_deh	5	0	0	1	1	2	0.206564	0	0	0.064123
antisense	-	0	2	0	0	0	1	0	0.256417	0	0
protein_co	protease_s	1	0	0	3	1	2	0.021739	0	0	0.101224
pseudogen	nuclear_re	0	0	0	0	1	1	0	0	0	0
processed_	-	2	2	0	3	3	0	0.134548	0.172539	0	0.313256
pseudogen	-	6	1	5	1	0	0	1.815097	0.387934	1.825016	0.469547
lincRNA	-	0	0	0	0	0	2	0	0	0	0
lincRNA	-	0	0	0	0	1	1	0	0	0	0
lincRNA	-	0	2	0	0	0	0	0	0.280325	0	0
antisense	FOXD2_ant	61	42	31	2	5	9	1.140012	1.006557	0.69902	0.058015
pseudogen	ribosomal_	0	0	0	1	0	0	0	0	0	0.081959
antisense	-	0	0	1	2	1	0	0	0	0.199913	0.514345
antisense	-	4	3	3	25	27	28	0.451952	0.434673	0.40898	4.384325
pseudogen	argininosu	13	15	19	9	10	21	0.496797	0.735083	0.876067	0.533837
lincRNA	cat_eye_sy	0	0	0	1	5	13	0	0	0	0.026698
protein_co	zinc_finger	87	55	67	168	168	124	1.422892	1.153519	1.322134	4.264739
protein_co	ral_guanin	1040	809	791	1023	1167	909	14.87664	14.83984	13.65199	22.71316
lincRNA	-	0	0	0	2	0	0	0	0	0	0.384062
pseudogen	Ras-homol	0	0	0	0	1	0	0	0	0	0
pseudogen	cyclin-depe	0	1	0	0	0	0	0	0.163841	0	0
protein_co	Uncharacte	0	1	0	1	2	2	0	0.021873	0	0.026475
pseudogen	-	1	1	0	6	2	0	0.115778	0.148469	0	1.078219
processed_	-	0	1	0	4	3	4	0	0.114315	0	0.553459
processed_	-	1	2	3	3	1	1	0.030369	0.077888	0.109926	0.141412
antisense	-	0	0	0	0	1	1	0	0	0	0
antisense	-	0	0	0	0	6	2	0	0	0	0
lincRNA	-	10	2	4	0	0	0	0.844865	0.216684	0.407751	0
lincRNA	-	3	3	1	11	15	3	0.205658	0.263727	0.082713	1.170435
pseudogen	-	0	0	0	0	0	1	0	0	0	0
antisense	-	2	1	0	0	1	0	0.146531	0.093953	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
antisense	SGOL1_ant	0	0	0	2	1	1	0	0	0	0.177728
lincRNA	-	9	12	8	17	25	14	0.148438	0.253801	0.159199	0.435194
lincRNA	-	49	33	35	30	40	19	1.226701	1.059414	1.057204	1.16572
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	6	12	14	6	4	8	0.465795	1.194632	1.311353	0.722978
processed_	-	11	5	4	2	2	2	0.535608	0.3122	0.234997	0.151152
pseudogen	-	0	0	1	0	0	0	0	0	0.227211	0
antisense	-	2	1	5	5	2	4	0.142091	0.091106	0.428602	0.551362
processed_	-	0	1	0	2	7	0	0	0.016976	0	0.041095
pseudogen	ribosomal_	36	32	28	66	83	96	1.637285	1.866298	1.536483	4.659037
pseudogen	-	0	0	0	3	4	2	0	0	0	0.130586
antisense	UNC5B_ant	26	26	11	45	74	48	1.884297	2.416344	0.961871	5.061965
processed_	-	0	4	3	0	0	0	0	0.269943	0.19049	0
protein_co	shisa_hom	87	46	75	661	750	727	0.606517	0.411236	0.63086	7.15246
antisense	DiGeorge_s	13	9	14	109	110	76	0.110992	0.098538	0.14422	1.444464
pseudogen	non-POU_d	6	6	9	1	3	0	0.228546	0.293078	0.413631	0.059123
processed_	long_interg	3	3	0	10	10	9	0.065095	0.083475	0	0.336788
lincRNA	-	8	2	3	1	0	4	0.228453	0.07324	0.103366	0.044324
antisense	-	2	0	0	1	0	0	0.177951	0	0	0.138102
lincRNA	-	0	1	1	0	4	1	0	0.127124	0.11961	0
lincRNA	-	0	0	0	2	1	2	0	0	0	0.24755
pseudogen	-	1	0	0	0	0	0	0.155781	0	0	0
protein_co	major_hist	0	0	1	0	0	0	0	0	0.037123	0
processed_	-	1	0	0	0	0	0	0.068855	0	0	0
processed_	TTLL11_int	3	1	3	0	0	0	0.133717	0.057158	0.161337	0

pseudogen	ribosomal_	3	2	0	1	1	1	0.209019	0.178692	0	0.108142
pseudogen	-	0	1	0	0	0	0	0	0.134218	0	0
pseudogen	-	0	0	1	0	3	5	0	0	0.077821	0
lincRNA	-	1	0	0	0	0	0	0.070511	0	0	0
lincRNA	-	0	0	1	0	0	0	0	0	0.096053	0
pseudogen	peptide_YY	2	1	2	4	12	2	0.087156	0.055883	0.105159	0.270557
pseudogen	-	0	0	0	0	3	4	0	0	0	0
pseudogen	ras-related_	0	0	0	0	0	1	0	0	0	0
lincRNA	-	1	0	0	0	0	0	0.158949	0	0	0
pseudogen	-	3	3	4	0	0	0	0.287082	0.368142	0.461841	0
lincRNA	-	3	4	3	15	17	2	0.034143	0.058378	0.041196	0.264975
pseudogen	high_mobil	0	0	0	0	1	0	0	0	0	0
lincRNA	-	12	13	12	36	66	56	0.667474	0.927269	0.805345	3.108034
lincRNA	-	5	6	5	10	8	2	0.31985	0.492195	0.385917	0.992903
antisense	-	4	2	2	0	0	0	0.227621	0.145946	0.137319	0
lincRNA	-	0	0	1	3	6	0	0	0	0.06891	0.265943
antisense	-	3	0	5	2	0	0	0.392933	0	0.790161	0.406591
lincRNA	-	0	0	2	0	1	3	0	0	0.387503	0
pseudogen	-	7	11	16	14	13	9	1.287177	2.593834	3.549836	3.995754
pseudogen	3-oxoacid_	0	3	4	9	5	2	0	0.117518	0.147428	0.426722
pseudogen	-	1	1	0	1	1	0	0.078411	0.100551	0	0.121705
pseudogen	-	0	2	0	1	0	1	0	0.211353	0	0.127908
processed_	FRY_antise	0	1	2	1	1	0	0	0.053928	0.101481	0.065273
lincRNA	-	0	0	0	1	0	0	0	0	0	0.024856
antisense	-	0	0	0	7	3	4	0	0	0	0.749204
pseudogen	-	3	2	3	2	0	4	0.345627	0.295478	0.417018	0.35764
pseudogen	-	0	0	1	2	0	0	0	0	0.117621	0.302619
sense_intrc	HLCS_intro	3	1	2	0	0	1	0.264915	0.113239	0.21309	0
antisense	ERICH1_ant	0	0	0	0	0	2	0	0	0	0
protein_co	kinesin_fan	1594	1315	1369	1998	2369	1709	27.6211	29.2205	28.62227	53.73764
pseudogen	olfactory_r	0	3	1	0	0	0	0	0.205689	0.06451	0
antisense	-	0	3	6	1	3	1	0	0.041612	0.078305	0.016789
lincRNA	-	0	0	0	0	1	1	0	0	0	0
lincRNA	long_interg	1	0	2	1	2	0	0.103055	0	0.248684	0.159956
pseudogen	-	2	0	0	0	0	2	0.252097	0	0	0
pseudogen	HLA_compl	3	2	1	0	6	3	0.141235	0.120743	0.056803	0
pseudogen	KRR1_smal	12	11	10	14	9	13	0.700723	0.823696	0.704552	1.268888
pseudogen	-	0	1	0	0	1	0	0	0.070575	0	0
pseudogen	-	1	2	0	1	3	2	0.026166	0.067109	0	0.040614
protein_co	cDNA_FLJ5	91	109	111	358	380	553	1.603529	2.463039	2.35997	9.791495
processed_	-	0	1	0	0	0	0	0	0.040766	0	0
processed_	-	10	15	2	10	9	14	0.210081	0.404098	0.050695	0.326074
lincRNA	long_interg	3	0	0	0	0	0	0.423705	0	0	0
lincRNA	-	2	0	0	0	0	0	0.18756	0	0	0
pseudogen	interferon_	1	5	1	0	0	0	0.080845	0.51836	0.097544	0
protein_co	immunity-r	0	3	1	0	3	1	0	0.108734	0.034102	0
lincRNA	long_interg	24	20	23	1	4	3	0.537421	0.574306	0.621412	0.034756
lincRNA	-	0	1	0	0	0	0	0	0.174796	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
antisense	-	2	1	2	0	1	0	0.151502	0.09714	0.182796	0
pseudogen	-	1	4	1	0	0	0	0.060581	0.310748	0.073095	0
lincRNA	-	0	0	0	6	4	0	0	0	0	0.518621
antisense	P4HA2_ant	2	0	3	2	0	0	0.111776	0	0.202296	0.173492
antisense	-	6	9	9	3	13	13	0.538966	1.036721	0.97544	0.418275
pseudogen	-	12	2	8	4	2	4	0.857744	0.183323	0.689945	0.443779
lincRNA	-	0	0	0	3	2	1	0	0	0	0.428958
antisense	-	1	0	0	0	0	0	0.108542	0	0	0
pseudogen	RNA_guany	0	1	0	0	1	0	0	0.082596	0	0
pseudogen	-	4	6	8	0	1	2	0.13945	0.268237	0.336509	0
antisense	-	0	0	0	0	2	0	0	0	0	0
lincRNA	-	0	0	1	0	0	0	0	0	0.061428	0
processed_	DCTN1_ant	1	1	3	4	0	1	0.02186	0.028033	0.079127	0.13572
sense_intrc	RNF216_in	4	0	3	4	2	2	0.556558	0	0.50364	0.863855
pseudogen	-	0	0	0	0	1	0	0	0	0	0
processed_	-	0	0	0	20	18	23	0	0	0	2.055927

pseudogen	-	1	0	0	0	0	0	0.138319	0	0	0
pseudogen	ubiquinol-(	1	2	1	1	1	2	0.139554	0.357915	0.168379	0.216607
pseudogen	-	1	0	0	1	0	0	0.176278	0	0	0.273608
antisense	-	0	0	0	0	0	1	0	0	0	0
processed_	-	53	60	53	24	47	16	1.229066	1.784267	1.482939	0.863855
lincRNA	-	0	0	0	1	3	0	0	0	0	0.155181
pseudogen	eukaryotic_	2	0	0	2	9	2	0.070247	0	0	0.109033
pseudogen	barrier_to_	10	9	7	9	5	7	1.796552	2.073441	1.517351	2.509648
lincRNA	-	0	0	1	0	0	0	0	0	0.153321	0
processed_	-	0	0	0	4	4	3	0	0	0	0.200357
protein_co	family_witl	311	252	238	159	199	210	4.923294	5.115702	4.545905	3.906816
pseudogen	-	2	2	2	0	1	2	0.08336	0.106897	0.100579	0
lincRNA	-	0	0	0	3	1	1	0	0	0	0.298686
antisense	-	1	0	4	0	0	0	0.161134	0	0.77767	0
lincRNA	-	0	0	2	1	0	0	0	0	0.166399	0.107029
pseudogen	-	0	0	0	0	0	2	0	0	0	0
antisense	-	3	2	2	2	6	3	0.212172	0.181387	0.170665	0.219547
pseudogen	-	5	3	3	2	0	0	0.141833	0.109128	0.102678	0.088058
pseudogen	-	0	0	3	0	2	0	0	0	0.071015	0
lincRNA	-	1	0	0	0	0	1	0.13513	0	0	0
antisense	-	2	2	4	0	0	0	0.205208	0.26315	0.49519	0
pseudogen	adenosylm	1	0	0	0	0	0	0.047268	0	0	0
lincRNA	long_interg	0	1	4	0	0	0	0	0.031269	0.117682	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
antisense	-	0	1	2	0	1	1	0	0.090831	0.170923	0
lincRNA	-	3	1	0	2	5	6	0.058932	0.025191	0	0.06098
antisense	-	0	0	0	1	0	0	0	0	0	0.10412
pseudogen	-	4	2	1	8	8	6	1.389334	0.890812	0.419078	4.312877
pseudogen	ribosomal_	0	0	0	1	1	0	0	0	0	0.094642
antisense	-	6	5	1	2	1	2	0.533852	0.570491	0.107354	0.276204
pseudogen	-	2	2	2	2	2	3	0.085332	0.109426	0.102958	0.132447
pseudogen	-	0	0	1	3	3	1	0	0	0.141439	0.545849
pseudogen	proliferatic	0	0	0	1	0	0	0	0	0	0.060802
pseudogen	-	2	0	0	0	0	0	0.065489	0	0	0
antisense	PHKA2_ant	1	5	7	0	2	1	0.071479	0.458306	0.603702	0
lincRNA	-	0	1	0	0	0	0	0	0.102962	0	0
pseudogen	family_witl	2	1	2	4	0	0	0.082918	0.053165	0.100045	0.2574
pseudogen	-	0	0	0	1	0	0	0	0	0	0.047537
lincRNA	-	0	0	1	0	0	0	0	0	0.076453	0
pseudogen	-	160	125	150	102	142	57	10.62663	10.64621	12.02029	10.51493
pseudogen	-	0	0	0	1	0	0	0	0	0	0.311025
lincRNA	-	0	0	0	0	1	0	0	0	0	0
sense_intrc	-	1	0	0	0	0	0	0.110851	0	0	0
lincRNA	-	1	0	1	0	2	1	0.097688	0	0.117866	0
pseudogen	long_interg	104	83	95	30	30	23	7.192569	7.361022	7.927246	3.220345
lincRNA	-	10	3	5	22	31	28	0.333974	0.128482	0.20148	1.140424
processed_	-	0	0	0	7	10	16	0	0	0	0.446111
pseudogen	-	1	0	1	1	1	0	0.097891	0	0.118112	0.151941
processed_	-	5	3	5	0	0	0	0.11974	0.092129	0.144473	0
pseudogen	POU_class_	5	7	2	27	26	37	0.216083	0.387934	0.104287	1.81111
lincRNA	-	7	5	4	3	7	7	0.304198	0.278637	0.209733	0.202353
lincRNA	long_interg	0	1	0	0	0	0	0	0.066368	0	0
antisense	DGUOK_an	19	7	7	3	10	3	1.48238	0.700347	0.658949	0.363294
antisense	-	19	19	14	69	149	24	1.207196	1.548057	1.073248	6.804616
pseudogen	-	4	0	7	0	2	0	0.408628	0	0.862807	0
sense_intrc	KLF7_intro	12	7	4	3	0	5	0.859054	0.642609	0.345499	0.333343
protein_co	Uncharacte	4	1	2	0	0	0	0.262322	0.084098	0.158253	0
lincRNA	-	5	6	8	5	6	8	0.497771	0.765985	0.960943	0.772609
sense_intrc	-	5	3	6	0	0	2	0.541455	0.416604	0.783956	0
pseudogen	-	2	0	1	4	5	0	0.165689	0	0.099957	0.514345
pseudogen	signal_reco	1	1	0	1	3	0	0.136308	0.174796	0	0.211569
pseudogen	-	5	10	10	2	1	3	0.753859	1.933434	1.819148	0.468037
pseudogen	poly_(ADP-	0	2	0	0	0	0	0	0.051459	0	0
lincRNA	-	0	0	0	1	2	3	0	0	0	0.197235
pseudogen	-	1	0	0	0	0	0	0.071479	0	0	0

lincRNA	-	0	0	0	41	49	90	0	0	0	3.734633
pseudogen	-	0	0	0	1	0	0	0	0	0	0.08941
lincRNA	-	0	0	0	1	0	0	0	0	0	0.036354
antisense	-	11	11	14	0	0	0	0.404541	0.518767	0.621221	0
pseudogen	-	0	1	0	0	0	0	0	0.07996	0	0
antisense	-	3	1	3	2	7	5	0.245497	0.104939	0.296207	0.254031
lincRNA	-	0	0	0	1	0	1	0	0	0	0.124837
antisense	-	14	8	10	2	7	4	1.017768	0.745796	0.87714	0.225674
processed_	-	33	18	25	19	16	5	0.713074	0.498773	0.651792	0.637242
antisense	KCNQ1_do	0	0	0	0	0	1	0	0	0	0
lincRNA	PRKCQ_ant	6	6	8	184	261	278	0.248314	0.318428	0.399474	11.81949
antisense	long_interg	9	9	17	162	179	108	0.046253	0.059313	0.105412	1.292232
antisense	-	1	5	1	4	2	1	0.094919	0.608601	0.114525	0.58931
pseudogen	-	0	0	0	0	3	0	0	0	0	0
pseudogen	tubulin_ga	3	0	2	3	3	6	0.103586	0	0.083322	0.16078
pseudogen	hsa-mir-67	253	208	200	374	528	362	7.688383	8.105637	7.333183	17.64073
processed_	FLG_antise	0	0	0	0	1	0	0	0	0	0
antisense	-	3	1	1	3	2	5	0.227621	0.097297	0.091546	0.3533
pseudogen	-	4	1	3	10	17	23	0.333144	0.106802	0.301468	1.292714
processed_	-	0	1	0	51	49	52	0	0.062375	0	3.850384
pseudogen	-	0	1	0	0	0	0	0	0.075826	0	0
lincRNA	-	6	1	1	1	2	0	0.594799	0.127124	0.11961	0.153869
pseudogen	-	0	1	0	0	0	0	0	0.123979	0	0
pseudogen	phosphatas	7	16	12	24	20	6	0.08214	0.24076	0.169896	0.437116
antisense	CELF2_anti	1	0	1	1	1	0	0.054971	0	0.066325	0.085322
pseudogen	olfactory_r	0	0	0	0	0	3	0	0	0	0
processed_	-	12	14	13	0	0	0	0.201101	0.300864	0.26286	0
antisense	-	0	0	0	1	0	0	0	0	0	0.103234
antisense	-	7	6	5	2	7	1	0.371301	0.408121	0.319997	0.16466
pseudogen	-	0	1	0	0	0	0	0	0.05388	0	0
pseudogen	-	1	0	0	0	1	0	0.15224	0	0	0
lincRNA	-	0	0	1	0	0	0	0	0	0.063639	0
pseudogen	-	2	2	0	1	0	0	0.418661	0.536873	0	0.32491
lincRNA	-	0	1	2	0	0	3	0	0.021881	0.041176	0
sense_intrc	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.251833
pseudogen	-	0	0	0	1	0	0	0	0	0	0.271566
pseudogen	-	4	0	0	0	0	0	0.442359	0	0	0
antisense	-	17	17	15	9	8	11	1.324137	1.698018	1.409689	1.08807
antisense	HTR3E_anti	0	0	0	0	1	0	0	0	0	0
pseudogen	armadillo_	3	2	1	0	2	1	0.198968	0.170098	0.080022	0
pseudogen	DEAD_(Asp	0	0	0	3	0	0	0	0	0	0.846277
pseudogen	zinc_finger	0	0	0	1	1	0	0	0	0	0.070319
lincRNA	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	0	1	6	5	0	0	0	0.127908
lincRNA	-	79	81	104	49	79	90	1.392075	1.830332	2.211143	1.340177
pseudogen	ATPase_H+	0	1	0	4	8	1	0	0.24443	0	1.183411
processed_	-	0	1	1	0	0	0	0	0.091801	0.086375	0
pseudogen	-	3	0	0	0	1	0	0.543128	0	0	0
lincRNA	-	3	1	1	2	0	1	0.195375	0.083514	0.078577	0.202166
lincRNA	-	0	2	0	0	0	0	0	0.212473	0	0
antisense	-	5	3	3	8	11	3	0.096086	0.07393	0.06956	0.238622
pseudogen	-	0	0	0	1	0	1	0	0	0	0.08854
pseudogen	-	1	0	0	0	0	0	0.174963	0	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
antisense	ZEB2_antis	1	0	0	0	0	0	0.024575	0	0	0
antisense	-	24	8	15	6	9	9	3.618522	1.546747	2.728722	1.404112
pseudogen	-	2	4	3	0	2	2	0.096382	0.247193	0.174436	0
processed_	-	0	0	0	10	12	7	0	0	0	0.207468
lincRNA	-	0	0	0	0	0	1	0	0	0	0
antisense	ZNF630_an	1	0	1	0	0	0	0.118409	0	0.142867	0
pseudogen	-	3	0	3	1	2	6	0.545233	0	0.657855	0.282092
pseudogen	-	2	0	0	0	0	0	0.105608	0	0	0
lincRNA	-	2	1	1	0	0	3	0.097484	0.062505	0.05881	0
pseudogen	-	5	4	1	3	2	5	0.328822	0.337334	0.079349	0.306226

protein_co	leucine_ric	99	78	78	68	79	70	0.818859	0.827328	0.778425	0.872998
pseudogen	-	1	0	0	2	1	0	0.082408	0	0	0.255817
pseudogen	-	0	0	1	0	0	0	0	0	0.164464	0
pseudogen	protein_ph	8	5	2	1	3	4	0.103825	0.083213	0.031318	0.020144
pseudogen	-	2	0	1	11	11	3	0.101604	0	0.061295	0.867365
protein_co	HDCMB45P	0	1	0	0	0	0	0	0.137283	0	0
lincRNA	-	12	8	14	0	0	0	0.470862	0.402543	0.662809	0
pseudogen	ATP-bindin	7	4	4	17	19	4	0.078374	0.057431	0.054036	0.295429
lincRNA	-	0	0	0	0	2	0	0	0	0	0
pseudogen	ribosomal_	7	4	2	7	7	5	0.51286	0.375811	0.176798	0.796029
pseudogen	-	9	3	7	211	240	152	0.080139	0.034255	0.075205	2.916168
lincRNA	-	0	0	1	0	0	0	0	0	0.029497	0
pseudogen	-	4	5	5	4	6	2	0.134645	0.215828	0.203071	0.208987
pseudogen	-	0	1	0	0	2	0	0	0.131575	0	0
processed_	-	84	65	77	1	1	6	1.369052	1.358511	1.514186	0.025297
antisense	-	17	10	14	1	2	0	1.566071	1.181332	1.556104	0.142986
antisense	-	4	2	0	0	1	0	0.342263	0.219452	0	0
lincRNA	long_interg	1	0	4	1	2	0	0.029509	0	0.142418	0.045802
antisense	MID1IP1_a	35	14	32	21	35	40	4.364762	2.238875	4.814937	4.064829
pseudogen	solute_carr	0	0	0	1	0	0	0	0	0	0.036012
pseudogen	cancer_sus	2	0	1	0	0	4	0.071479	0	0.043122	0
antisense	MLK7_antis	1	7	5	4	5	1	0.018475	0.165843	0.111457	0.114704
pseudogen	actin_relat	0	0	0	0	1	4	0	0	0	0
antisense	-	0	2	0	1	0	1	0	0.177374	0	0.107345
antisense	BRWD1_an	0	1	1	1	2	3	0	0.087019	0.081875	0.105325
lincRNA	-	12	6	3	27	32	13	1.385912	0.888618	0.418046	4.840036
pseudogen	-	0	0	1	1	1	0	0	0	0.144694	0.186138
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	myeloid/ly	3	1	4	4	3	6	0.536909	0.229503	0.863748	1.111142
antisense	-	0	0	0	1	0	0	0	0	0	0.094889
pseudogen	olfactory_r	0	0	0	0	3	0	0	0	0	0
processed_	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	1	0	0	0	0	0	0.153392	0	0
pseudogen	-	1	0	0	5	1	6	0.109301	0	0	0.848249
lincRNA	-	0	1	1	0	0	0	0	0.072185	0.067918	0
pseudogen	ribosomal_	0	0	0	0	2	0	0	0	0	0
pseudogen	ribosomal_	5	0	0	2	0	0	1.563001	0	0	0.970397
antisense	-	8	7	11	25	36	50	0.361736	0.405891	0.600126	1.754576
processed_	-	1	0	0	0	0	1	0.043822	0	0	0
pseudogen	-	0	0	1	0	0	0	0	0	0.116651	0
processed_	-	9	2	8	9	18	5	0.289048	0.08237	0.310003	0.448643
antisense	-	8	3	10	5	9	6	0.687033	0.330383	1.036181	0.666482
pseudogen	-	4	2	5	0	1	0	0.311045	0.199435	0.469117	0
lincRNA	ENOX1_ant	1	0	0	0	0	0	0.189073	0	0	0
antisense	-	0	0	2	0	0	0	0	0	0.169388	0
lincRNA	-	0	0	1	0	0	0	0	0	0.183687	0
processed_	PAXBP1_ar	7	10	12	15	12	9	0.093168	0.170678	0.192707	0.309877
processed_	-	4	11	6	3	3	10	0.076275	0.268982	0.138045	0.088792
pseudogen	ubiquitin-c	0	0	1	0	1	5	0	0	0.129463	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
pseudogen	mitochond	0	0	0	0	0	1	0	0	0	0
lincRNA	-	140	115	131	181	220	88	10.79704	11.37323	12.18979	21.66636
antisense	-	0	0	0	4	2	6	0	0	0	0.491755
pseudogen	-	0	0	0	0	1	1	0	0	0	0
lincRNA	-	3	0	0	0	0	0	0.251197	0	0	0
lincRNA	-	1	0	3	0	0	0	0.049203	0	0.178097	0
pseudogen	TAR_DNA_b	0	1	1	3	5	1	0	0.048846	0.045959	0.177368
antisense	-	0	4	0	3	0	1	0	0.481038	0	0.436679
pseudogen	makorin_ri	0	0	0	1	5	1	0	0	0	0.04785
antisense	-	0	0	1	0	0	0	0	0	0.208766	0
pseudogen	cysteine-ric	0	0	1	0	0	0	0	0	0.248138	0
protein_co	chromosor	1629	1197	1322	1334	1850	1486	26.85789	25.30779	26.29846	34.13792
pseudogen	-	3	3	3	5	3	3	0.139002	0.17825	0.167714	0.359584
lincRNA	long_interg	0	0	0	2	4	2	0	0	0	0.078937
pseudogen	-	1	1	3	4	0	0	0.127766	0.163841	0.46247	0.79324

pseudogen	chemokine	0	0	0	0	1	0	0	0	0	0
lincRNA	-	1	2	1	0	0	0	0.068653	0.176076	0.082834	0
protein_co	olfactory_r	3	2	2	7	6	0	0.077376	0.066149	0.062239	0.28023
protein_co	GABA(A)_re	0	0	0	1	0	0	0	0	0	0.039319
pseudogen	myosin_VB	1	0	3	0	0	2	0.036719	0	0.13291	0
antisense	-	0	0	1	3	0	0	0	0	0.113378	0.437554
sense_intrc	ST6GAL2_ir	35	16	26	9	3	6	4.22977	2.479579	3.791142	1.688191
pseudogen	-	1	4	1	7	1	7	0.091226	0.467936	0.110069	0.991165
antisense	-	5	3	4	0	0	0	0.300192	0.230972	0.289759	0
pseudogen	-	0	0	1	2	0	0	0	0	0.188585	0.485199
antisense	-	10	3	12	3	9	6	0.753859	0.290015	1.091489	0.351028
lincRNA	-	1	0	0	2	3	0	0.018794	0	0	0.058341
sense_intrc	NTM_intro	0	0	1	0	0	0	0	0	0.151677	0
processed_	long_interg	0	0	0	5	11	30	0	0	0	0.118534
pseudogen	-	0	0	0	0	0	1	0	0	0	0
protein_co	P_antigen_	0	0	0	0	1	0	0	0	0	0
pseudogen	interferon_	32	30	29	1	0	0	2.651026	3.187092	2.898745	0.128586
antisense	-	3	5	5	0	2	2	0.070055	0.149726	0.140875	0
lincRNA	long_interg	26	16	13	22	18	13	3.728258	2.942131	2.249179	4.8965
pseudogen	asparagine-	123	80	116	72	105	57	7.608802	6.346153	8.657993	6.913121
antisense	-	7	3	3	0	1	0	0.618136	0.339716	0.319636	0
antisense	-	2	0	1	0	0	0	0.136308	0	0.082232	0
pseudogen	mitochond	0	1	1	0	0	0	0	0.124751	0.117377	0
pseudogen	solute_carr	6	6	9	0	1	1	0.325625	0.417568	0.589328	0
antisense	-	6	0	4	6	9	1	0.465025	0	0.374053	0.721783
pseudogen	-	0	0	0	0	1	1	0	0	0	0
lincRNA	-	9	2	4	5	3	0	0.206463	0.058835	0.110715	0.178033
lincRNA	-	0	0	1	0	0	0	0	0	0.068081	0
lincRNA	-	0	0	1	0	0	0	0	0	0.097881	0
lincRNA	-	0	0	0	0	2	0	0	0	0	0
processed_	-	1	0	0	0	0	0	0.093968	0	0	0
pseudogen	glyceraldeh	0	3	0	1	2	3	0	0.184259	0	0.074341
pseudogen	ribosomal_	0	0	0	0	0	2	0	0	0	0
pseudogen	ribosomal_	0	0	0	1	0	2	0	0	0	0.087371
antisense	-	21	14	19	49	90	25	0.824699	0.705039	0.90028	2.986776
pseudogen	ribosomal_	0	0	0	0	4	2	0	0	0	0
pseudogen	ribosomal_	73	24	37	71	69	79	2.597095	1.094928	1.588235	3.920611
processed_	-	0	1	2	3	2	0	0	0.009619	0.018101	0.034929
antisense	-	17	26	26	15	41	10	0.599346	1.17547	1.105987	0.820825
pseudogen	-	2	0	2	1	3	1	0.209799	0	0.253134	0.162818
pseudogen	-	1	7	3	4	0	2	0.026779	0.240382	0.096931	0.166259
pseudogen	RNA_bindi	0	0	0	0	2	0	0	0	0	0
protein_co	thioredoxi	266	173	209	80	226	77	4.208078	3.5096	3.989298	1.964367
antisense	CLRN1_ant	0	3	0	1	2	1	0	0.081147	0	0.032739
processed_	-	0	0	0	0	1	1	0	0	0	0
pseudogen	ribosomal_	6	7	6	5	6	3	0.574163	0.858997	0.692761	0.742651
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	7	3	4	3	4	3	0.759792	0.417568	0.523847	0.505415
protein_co	GATS_prote	0	3	1	1	4	0	0	0.111146	0.034859	0.044843
pseudogen	-	3	2	7	0	5	0	0.175181	0.149763	0.493186	0
antisense	-	5	5	8	5	2	5	0.477495	0.61232	0.9218	0.741139
protein_co	ring_finger	214	155	149	106	148	67	2.20054	2.043886	1.848629	1.691811
protein_co	RNA_bindi	1067	766	910	1130	1321	1923	17.69153	16.28692	18.20499	29.08104
pseudogen	-	0	1	0	1	0	1	0	0.252646	0	0.305797
antisense	-	1	0	0	0	4	0	0.041532	0	0	0
protein_co	Protein_LO	4	3	7	1	0	1	0.086954	0.08363	0.183602	0.033741
antisense	-	8	9	4	7	9	7	0.602119	0.868649	0.363246	0.817751
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	nucleopho	5	4	12	3	1	2	0.291968	0.299526	0.845462	0.271905
lincRNA	-	5	7	8	1	2	1	0.613744	1.101855	1.184827	0.190523
pseudogen	ribosomal_	0	0	0	1	1	0	0	0	0	0.217904
pseudogen	transmemb	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.151625
antisense	-	12	7	8	20	20	35	1.339715	1.002163	1.077629	3.465705
protein_co	alkB_alkyla	22	18	12	15	22	19	0.310156	0.325417	0.204121	0.328231

protein_co	ankyrin_rep	9	11	14	9	9	11	0.132749	0.208062	0.249153	0.206045
protein_co	protocadhe	7	2	3	25	21	2	0.062401	0.022863	0.032267	0.345912
pseudogen	-	0	0	0	3	0	1	0	0	0	0.141779
pseudogen	-	0	0	0	0	4	1	0	0	0	0
pseudogen	cytochrom	0	0	0	0	1	0	0	0	0	0
processed_	-	23	15	20	6	7	17	0.951871	0.79607	0.998685	0.385418
processed_	-	29	20	20	21	22	19	0.675179	0.597118	0.561822	0.758876
processed_	-	0	0	0	0	0	1	0	0	0	0
antisense	ST3GAL6_a	5	3	1	5	4	5	0.304877	0.234577	0.07357	0.473211
antisense	-	0	0	2	1	1	2	0	0	0.286458	0.184253
pseudogen	-	1	2	0	2	0	0	0.09668	0.247958	0	0.300123
lincRNA	-	0	1	2	36	41	13	0	0.091106	0.171441	3.969807
pseudogen	-	2	2	3	2	2	1	0.168065	0.215519	0.304169	0.26086
protein_co	kelch-like_f	2	3	6	0	0	2	0.03806	0.07321	0.137765	0
antisense	-	8	6	6	5	4	5	0.693383	0.666874	0.627455	0.672641
processed_	-	4	2	8	4	10	7	0.170975	0.109626	0.412583	0.265378
pseudogen	ribosomal_	4	2	1	5	5	6	0.519557	0.333129	0.156719	1.00803
pseudogen	-	18	21	12	12	11	7	2.497102	3.735875	2.008598	2.583898
processed_	-	0	0	0	0	1	0	0	0	0	0
pseudogen	MAP/microc	10	3	2	4	4	8	0.492542	0.189485	0.118856	0.305797
antisense	PLCH1_ant	1	0	2	0	4	0	0.035849	0	0.086507	0
lincRNA	-	0	0	0	1	0	5	0	0	0	0.056506
antisense	CADM2_an	0	1	0	2	0	1	0	0.022639	0	0.054804
pseudogen	GATS_stron	86	72	94	37	65	40	1.144958	1.229229	1.509965	0.764581
antisense	MYLK_antis	2	2	4	6	13	6	0.123395	0.158236	0.297766	0.574577
pseudogen	ribosomal_	2	3	2	1	2	2	0.23445	0.450973	0.282878	0.18195
pseudogen	-	1	0	0	6	9	5	0.127073	0	0	1.183411
pseudogen	-	3	0	0	0	0	0	0.386456	0	0	0
antisense	HOXB_clust	67	81	70	0	1	2	3.717907	5.763921	4.686728	0
pseudogen	-	10	10	11	10	6	2	0.596565	0.76501	0.791769	0.925952
pseudogen	-	2	6	3	0	1	0	0.076182	0.293078	0.137877	0
pseudogen	ribosomal_	0	1	0	0	0	0	0	0.209511	0	0
antisense	-	16	16	16	44	58	29	1.019348	1.307169	1.229902	4.350966
pseudogen	SET_pseudo	0	1	1	2	1	4	0	0.087145	0.081993	0.210956
pseudogen	-	5	0	0	1	0	2	1.347414	0	0	0.418275
pseudogen	-	0	1	4	3	10	5	0	0.07387	0.278012	0.26823
pseudogen	MT-ND1_ps	0	0	0	0	2	0	0	0	0	0
processed_	-	12	7	5	0	1	0	0.671456	0.502278	0.337563	0
pseudogen	-	2	0	1	1	1	4	0.29215	0	0.176248	0.226728
protein_co	chromosor	0	1	0	0	0	3	0	0.037094	0	0
antisense	RUVBL1_ar	3	1	2	4	2	0	0.239235	0.102262	0.192434	0.495101
pseudogen	high_mobil	0	0	1	1	2	1	0	0	0.180752	0.232523
pseudogen	-	0	0	0	7	3	5	0	0	0	0.847685
pseudogen	ribosomal_	0	2	0	0	1	1	0	0.139837	0	0
pseudogen	-	1	0	0	0	0	0	0.097891	0	0	0
antisense	-	4	3	0	12	11	2	0.220141	0.211725	0	1.025068
antisense	PLS1_antis	0	0	0	0	1	0	0	0	0	0
pseudogen	MT-ND1_ps	0	0	0	1	0	0	0	0	0	0.076449
pseudogen	myeloid-as	0	1	0	0	0	0	0	0.028006	0	0
pseudogen	glucuronid	9	11	7	6	12	2	0.627991	0.984267	0.589328	0.64982
antisense	PSMD6_ant	32	29	37	29	20	8	0.610945	0.710002	0.852318	0.859371
protein_co	Uncharacte	336	366	347	91	87	77	10.89561	15.21957	13.57656	4.580195
protein_co	NME/NM23	280	214	252	260	261	330	7.98128	7.822356	8.666886	11.50319
processed_	-	0	0	0	0	0	1	0	0	0	0
antisense	PDZRN3_ar	3	1	0	0	0	0	0.284757	0.12172	0	0
pseudogen	-	2	1	0	0	1	0	0.269483	0.172787	0	0
protein_co	tumor_nec	80	57	75	64	67	19	2.12172	1.938574	2.399979	2.634563
pseudogen	-	3	0	0	1	1	0	0.483402	0	0	0.250102
protein_co	CMT1A_dup	16	13	19	14	14	1	0.300698	0.313302	0.430836	0.408384
antisense	-	0	1	0	0	1	0	0	0.109327	0	0
protein_co	apolipopro	34	25	26	14	18	14	0.574508	0.54171	0.530077	0.367177
protein_co	toll-like_re	0	2	0	0	0	0	0	0.029126	0	0
pseudogen	-	11	15	5	1	7	2	1.090466	1.906865	0.59805	0.153869
protein_co	WW_doma	144	96	141	69	118	58	3.298565	2.819961	3.896994	2.453252
protein_co	mitochond	42	28	41	61	104	89	1.068573	0.913529	1.258598	2.408881

antisense	-	1	1	0	0	0	0	0.031512	0.04041	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	ribosomal_	1	0	0	0	0	1	0.097081	0	0	0
antisense	ITIH4_antis	0	0	0	0	0	1	0	0	0	0
antisense	-	2	0	0	1	2	0	0.257637	0	0	0.199945
pseudogen	-	0	0	0	0	0	2	0	0	0	0
lincRNA	-	6	1	3	3	2	3	0.652761	0.139512	0.393797	0.506588
pseudogen	suppressor_	1	2	1	1	3	3	0.044615	0.114424	0.05383	0.069248
lincRNA	-	5	11	2	0	0	2	0.270728	0.763773	0.130659	0
pseudogen	ribosomal_	1	3	0	0	2	0	0.060115	0.231268	0	0
pseudogen	-	3	0	0	0	0	0	0.124597	0	0	0
pseudogen	ribosomal_	1	2	1	0	0	0	0.107793	0.276459	0.130059	0
protein_co	golgi_to_ER	102	85	87	286	366	168	1.097976	1.173332	1.129952	4.778472
pseudogen	-	1	0	0	0	0	0	0.098508	0	0	0
pseudogen	-	0	0	0	3	0	0	0	0	0	0.111797
pseudogen	ribosomal_	0	1	0	17	36	6	0	0.124235	0	2.556315
lincRNA	-	10	15	8	12	8	4	0.587594	1.130259	0.567173	1.094433
protein_co	chromosor	129	91	106	332	437	338	1.468871	1.328755	1.45629	5.867628
pseudogen	zinc_finger_	15	11	11	0	0	0	0.522937	0.491768	0.462699	0
protein_co	adenylosuc	986	807	885	1676	1516	1932	18.31032	19.21772	19.82943	48.30849
pseudogen	-	0	0	1	1	1	0	0	0	0.022468	0.028904
antisense	-	12	13	9	46	57	48	1.742044	2.420085	1.576407	10.36493
antisense	PRKAG2_ar	0	0	0	9	15	8	0	0	0	0.62087
pseudogen	ribosomal_	5	4	7	4	3	5	1.502885	1.54179	2.538644	1.866149
pseudogen	ribosomal_	0	0	0	0	2	0	0	0	0	0
pseudogen	small_nucl	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	0	0	0	4	0	0	0	0
pseudogen	peroxiredo	3	0	1	0	0	0	0.188313	0	0.075737	0
processed_	-	3	2	2	0	0	0	0.087754	0.075022	0.070587	0
TR_V_pseu	T_cell_rece	0	0	3	0	0	0	0	0	0.628617	0
lincRNA	ZBTB20_an	0	0	1	1	0	0	0	0	0.12193	0.156853
pseudogen	-	0	0	5	2	2	5	0	0	0.299976	0.154358
protein_co	leukocyte_i	0	0	0	1	5	1	0	0	0	0.037438
pseudogen	-	0	3	0	2	1	0	0	0.29965	0	0.241793
pseudogen	ribosomal_	0	0	0	1	1	0	0	0	0	0.19831
pseudogen	FCF1_small	0	1	0	0	2	1	0	0.101915	0	0
protein_co	leukocyte_i	3	1	0	2	0	0	0.078193	0.033424	0	0.080911
pseudogen	-	0	0	0	0	0	1	0	0	0	0
antisense	-	4	4	0	4	4	1	0.389129	0.499002	0	0.603982
lincRNA	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	2	2	0	0	1	0	0.071371	0.067152	0
antisense	-	0	0	0	6	2	3	0	0	0	0.703186
protein_co	testis_expr	0	0	0	0	0	2	0	0	0	0
pseudogen	-	0	0	0	0	2	1	0	0	0	0
pseudogen	-	174	129	148	90	116	118	5.475747	5.205868	5.61958	4.396095
antisense	-	7	3	4	0	0	1	0.462948	0.254428	0.319185	0
lincRNA	-	1	0	0	0	0	0	0.05943	0	0	0
pseudogen	-	2	2	1	2	1	3	0.249415	0.319839	0.150467	0.387127
protein_co	amylase_al	17	12	14	10	25	12	0.169027	0.153002	0.167951	0.154325
processed_	-	10	2	2	9	9	4	0.293797	0.075351	0.070897	0.410412
pseudogen	ribosomal_	1	0	0	1	2	2	0.100622	0	0	0.15618
protein_co	lymphocyt	19	26	26	20	37	42	0.335686	0.589064	0.554244	0.548454
antisense	-	3	2	7	0	0	1	0.184123	0.157408	0.518362	0
antisense	-	0	0	2	2	1	0	0	0	0.060283	0.077549
protein_co	proteasom	14	16	15	15	23	8	0.245314	0.35952	0.317127	0.407959
pseudogen	ribosomal_	0	0	0	0	1	0	0	0	0	0
pseudogen	ribosomal_	0	0	0	1	0	0	0	0	0	0.094642
processed_	-	5	3	3	38	30	25	0.283495	0.218125	0.205232	3.344175
pseudogen	-	6	1	4	7	11	11	0.316824	0.067714	0.254845	0.573715
antisense	-	1	2	0	2	3	1	0.08169	0.209511	0	0.253588
pseudogen	-	7	3	0	2	1	1	0.605591	0.332822	0	0.26856
pseudogen	-	0	0	0	1	1	0	0	0	0	0.057854
pseudogen	fatty_acid_	0	0	0	1	1	1	0	0	0	0.183324
pseudogen	-	0	0	0	0	2	0	0	0	0	0

processed_	-	0	0	0	0	2	0	0	0	0	0
pseudogen	eukaryotic_	6	1	1	5	6	4	0.17739	0.037913	0.035672	0.229445
antisense	-	10	3	8	3	3	1	0.755073	0.290482	0.728831	0.351593
processed_	-	0	3	1	0	4	1	0	0.553342	0.173544	0
pseudogen	-	2	1	1	1	0	0	0.300577	0.192724	0.181332	0.233269
pseudogen	ribosomal_	0	0	0	0	1	0	0	0	0	0
antisense	MAGI1_ant	1	1	1	1	2	0	0.07934	0.101742	0.095728	0.123147
protein_co	protocadhe	2528	2123	2120	401	539	393	25.16195	27.09734	25.45958	6.195012
protein_co	small_lysin	3	2	2	5	9	6	0.135913	0.116193	0.109325	0.351593
processed_	-	4	0	5	2	7	2	0.172548	0	0.260237	0.133909
pseudogen	-	0	0	0	3	1	0	0	0	0	0.272584
antisense	-	0	0	0	1	1	2	0	0	0	0.240197
pseudogen	ceruloplasr	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	0	5	1	6	0	0	0	0.163992
pseudogen	zinc_finger_	83	61	59	127	156	188	1.131358	1.066255	0.970336	2.686929
protein_co	cytochrom	332	251	268	217	263	283	4.24645	4.116906	4.135907	4.308024
pseudogen	ribosomal_	0	0	1	0	0	1	0	0	0.224506	0
protein_co	-	0	0	0	0	1	0	0	0	0	0
pseudogen	glyceraldeh	4	2	0	0	3	2	0.185153	0.118716	0	0
pseudogen	-	0	0	0	3	3	3	0	0	0	0.361489
antisense	B4GALT4_a	0	1	2	1	0	1	0	0.110533	0.207998	0.133786
processed_	MAGI1_int	0	0	0	4	5	4	0	0	0	0.113408
pseudogen	-	0	0	0	2	3	0	0	0	0	0.14132
pseudogen	testicular_	0	0	0	12	5	3	0	0	0	0.263297
processed_	-	1	0	1	5	9	7	0.080017	0	0.096545	0.620988
pseudogen	MYST/Esa1-	0	0	0	0	1	1	0	0	0	0
antisense	ghrelin_op	1	9	7	9	11	12	0.039872	0.460177	0.336759	0.556988
processed_	-	10	14	11	33	33	25	0.456129	0.818888	0.60538	2.336317
lincRNA	-	1	0	0	0	0	0	0.070938	0	0	0
processed_	-	4	5	6	5	14	14	0.336733	0.539765	0.609431	0.65332
protein_co	acyl-CoA_d	0	1	0	1	1	2	0	0.014517	0	0.017571
pseudogen	-	0	2	0	5	4	0	0	0.143508	0	0.434247
pseudogen	-	0	1	0	0	3	0	0	0.105862	0	0
pseudogen	-	0	0	0	0	2	0	0	0	0	0
pseudogen	-	12	8	14	2	1	7	0.449425	0.384216	0.632633	0.116262
pseudogen	ribosomal_	2447	1858	1956	3528	4110	2828	123.2437	120.0012	118.8633	275.7971
protein_co	peptidylpr	288	233	253	248	201	251	9.857172	10.22645	10.44789	13.17474
lincRNA	-	6	7	2	0	0	1	0.371651	0.556022	0.149473	0
pseudogen	ribosomal_	172	175	197	49	59	35	3.881176	5.063866	5.36351	1.716174
pseudogen	ribosomal_	3	0	0	0	2	0	0.442359	0	0	0
processed_	-	6	4	5	5	1	5	0.532841	0.455529	0.535753	0.689203
pseudogen	ribosomal_	23	20	19	20	21	20	0.749979	0.836298	0.747521	1.012236
antisense	SEC62_anti	8	5	2	2	3	5	1.084162	0.868928	0.327026	0.420692
pseudogen	-	4	1	8	2	5	6	0.298188	0.095596	0.719561	0.231414
pseudogen	ribosomal_	1	0	0	0	0	0	0.274211	0	0	0
pseudogen	ribosomal_	0	1	0	1	0	0	0	0.104574	0	0.126574
pseudogen	-	0	1	0	0	0	0	0	0.074881	0	0
pseudogen	-	2	4	0	2	2	3	0.108042	0.277096	0	0.167695
pseudogen	-	3	8	2	2	1	10	0.180578	0.617508	0.145252	0.186854
antisense	-	15	7	10	17	14	9	0.633649	0.379197	0.509689	1.114646
lincRNA	-	0	1	0	0	1	0	0	0.029418	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	1	2	1	0	0	1	0.052508	0.134669	0.063354	0
lincRNA	long_interg	6	4	3	1	1	0	0.222579	0.190284	0.134277	0.057579
protein_co	LIM_and_se	0	0	1	0	0	0	0	0	0.022942	0
pseudogen	leucine_ric	21	25	20	23	17	17	0.43842	0.669299	0.503789	0.745296
pseudogen	ribosomal_	1	2	2	2	6	3	0.13914	0.356853	0.33576	0.431928
pseudogen	-	0	0	0	0	3	1	0	0	0	0
pseudogen	-	0	1	4	0	0	1	0	0.112392	0.422994	0
pseudogen	forkhead_b	147	118	124	87	105	148	3.575121	3.680143	3.638674	3.284151
antisense	-	2	4	1	5	4	3	0.16253	0.416844	0.098051	0.630674
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	ribosomal_	1	0	0	1	1	2	0.296772	0	0	0.460632
processed_	-	1	0	0	0	0	0	0.057746	0	0	0
pseudogen	ribosomal_	10	11	14	4	8	5	1.063266	1.499836	1.796048	0.660134

lincRNA	-	3	4	5	0	0	0	0.146227	0.25002	0.294051	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	SET_pseudo	10	9	6	31	22	29	0.537114	0.619895	0.388835	2.584392
lincRNA	-	0	0	0	0	1	2	0	0	0	0
antisense	CDKN2B_a	15	14	15	0	0	0	0.183403	0.219509	0.221286	0
antisense	-	1	1	1	1	0	4	0.063109	0.080928	0.076145	0.097954
protein_co	tumor_nec	0	0	0	0	1	6	0	0	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	2	0	0	0	0	0	0.296772	0	0	0
pseudogen	ribosomal_	11	6	5	7	6	3	0.652074	0.456105	0.35762	0.644069
processed_	-	0	0	0	0	1	0	0	0	0	0
processed_	-	22	13	21	19	11	24	1.72794	1.309359	1.990093	2.316275
pseudogen	ribosomal_	3	3	0	1	5	1	0.345627	0.443217	0	0.17882
antisense	TM4SF1_ar	2	0	1	0	0	0	0.124377	0	0.075034	0
protein_co	keratin_ass	2	0	0	0	0	0	0.124542	0	0	0
antisense	THOC7_ant	3	2	1	0	4	2	0.209019	0.178692	0.084065	0
processed_	-	0	3	1	5	6	1	0	0.270855	0.084948	0.546395
protein_co	LINE-1_typ	216	165	166	7945	6656	13940	2.631396	2.577661	2.439993	150.2301
lincRNA	-	0	0	0	0	3	0	0	0	0	0
antisense	-	2	2	0	0	1	5	0.163096	0.209147	0	0
pseudogen	-	3	0	0	2	2	1	0.220832	0	0	0.228508
protein_co	aquaporin_	2451	1768	1983	0	3	2	41.76142	38.6299	40.76643	0
antisense	KCNAB1_ar	0	0	0	0	2	0	0	0	0	0
pseudogen	-	3	0	2	1	6	11	0.188062	0	0.151271	0.097299
lincRNA	-	0	1	2	2	1	0	0	0.20383	0.383563	0.493422
pseudogen	olfactory_r	0	0	0	1	0	1	0	0	0	0.180595
pseudogen	-	0	1	0	0	0	0	0	0.084452	0	0
pseudogen	-	0	3	2	0	1	0	0	0.259927	0.163042	0
protein_co	C1q_and_t	11	2	5	0	0	0	0.278204	0.064865	0.152577	0
antisense	-	0	0	0	2	0	0	0	0	0	0.17904
pseudogen	lymphocyt	0	0	0	1	0	0	0	0	0	0.547217
antisense	MME_antis	1	0	3	0	0	1	0.102604	0	0.371393	0
pseudogen	keratin_8_p	3	4	5	3	2	3	0.097688	0.167027	0.196443	0.151625
pseudogen	-	0	1	1	0	0	0	0	0.131002	0.123258	0
IG_V_gene	immunoglo	0	0	0	2	0	0	0	0	0	0.365728
pseudogen	-	0	0	0	4	4	2	0	0	0	0.581076
pseudogen	-	0	0	0	2	1	0	0	0	0	0.303249
protein_co	ISY1_splici	273	199	198	117	150	150	3.331852	3.114479	2.915656	2.216355
processed_	-	0	0	0	6	7	5	0	0	0	0.925167
protein_co	paraneopla	9	7	8	131	164	114	0.084997	0.084775	0.091159	1.920273
pseudogen	-	2	1	1	1	1	1	0.128466	0.08237	0.077501	0.099698
pseudogen	ribosomal_	1	1	1	0	2	0	0.070195	0.090015	0.084694	0
lincRNA	-	0	1	0	0	0	1	0	0.011445	0	0
protein_co	leucine-ric	1	1	3	0	0	0	0.013355	0.017126	0.048341	0
pseudogen	ribosomal_	0	0	0	1	0	0	0	0	0	0.189038
pseudogen	-	2	2	1	1	5	7	0.197017	0.252646	0.118856	0.152899
sense_intro	-	29	31	27	18	24	24	3.522825	4.829077	3.957354	3.393877
pseudogen	-	0	0	0	2	1	0	0	0	0	0.462094
processed_	-	18	6	7	8	12	6	2.110051	0.901947	0.990071	1.455596
protein_co	KRAB_box_	0	0	0	1	9	4	0	0	0	0.028363
pseudogen	-	2	1	2	0	0	0	0.08906	0.057103	0.107456	0
pseudogen	-	1	0	1	0	1	0	0.116933	0	0.141086	0
pseudogen	-	19	13	9	12	13	10	1.345786	1.180797	0.769153	1.319271
pseudogen	-	0	3	2	4	0	1	0	0.536873	0.336759	0.866426
protein_co	protocadhe	207	187	211	15	10	17	2.09141	2.422812	2.572168	0.235229
processed_	C21orf91_(	0	0	0	0	2	0	0	0	0	0
protein_co	Rho_guani	225	131	147	35	58	27	4.134112	3.0866	3.258856	0.998156
pseudogen	-	0	1	0	1	7	2	0	0.172787	0	0.209137
pseudogen	-	0	1	0	2	0	0	0	0.121474	0	0.29406
antisense	-	0	3	0	0	0	0	0	0.364423	0	0
pseudogen	ubiquitin_/	5	3	2	5	10	2	0.610547	0.469764	0.294664	0.947654
pseudogen	MT-ND2_ps	0	0	0	0	1	0	0	0	0	0
pseudogen	-	9	7	8	3	5	4	1.455207	1.451409	1.560704	0.752894
pseudogen	-	1	0	2	3	5	0	0.098508	0	0.237712	0.458696
pseudogen	ribosomal_	0	0	0	0	4	2	0	0	0	0

protein_co	transmemb	420	336	357	401	501	352	6.753706	6.928536	6.926425	10.00847
protein_co	retinol_dek	141	144	113	135	176	129	4.166032	5.456012	4.028376	6.191098
processed_	-	1	0	2	16	34	13	0.009363	0	0.022594	0.232523
pseudogen	-	0	0	2	1	2	0	0	0	0.228127	0.146733
protein_co	keratin_ass	0	0	1	0	0	0	0	0	0.060315	0
pseudogen	ribosomal_	1	0	2	1	0	2	0.279107	0	0.673518	0.433213
pseudogen	-	0	0	0	1	1	0	0	0	0	0.16965
processed_	-	16	13	14	1	2	12	0.226933	0.236445	0.239582	0.022014
pseudogen	-	1	1	3	0	1	1	0.038215	0.049006	0.138326	0
antisense	NDUFB2_ar	3	6	3	1	3	0	0.085358	0.218919	0.102989	0.044163
pseudogen	-	0	0	0	4	6	1	0	0	0	0.129559
protein_co	phosphatid	12	8	4	12	7	7	0.272749	0.233174	0.109696	0.423343
lincRNA	-	1	2	1	1	1	0	0.02319	0.059476	0.02798	0.035994
lincRNA	-	0	0	1	0	1	0	0	0	0.070631	0
pseudogen	-	5	4	8	0	7	2	0.485404	0.497969	0.937068	0
pseudogen	-	3	4	2	5	5	12	0.2553	0.436514	0.205356	0.660434
pseudogen	ribosomal_	1	3	4	3	4	1	0.076244	0.293316	0.367971	0.355023
antisense	-	1	0	0	0	1	0	0.085255	0	0	0
pseudogen	-	0	0	0	1	0	2	0	0	0	0.152259
antisense	LSAMP_ant	7	3	6	2	1	2	0.593545	0.326201	0.613839	0.263218
pseudogen	ribosomal_	3	2	1	1	3	1	0.423705	0.362228	0.170408	0.219216
pseudogen	histone_clu	0	0	1	0	0	0	0	0	0.148492	0
pseudogen	plasminoge	0	2	2	1	0	0	0	0.039755	0.037405	0.024059
pseudogen	-	5	3	3	0	2	0	0.370379	0.284975	0.26813	0
pseudogen	-	1	0	1	0	0	0	0.068453	0	0.082592	0
pseudogen	suppressio	0	0	0	0	2	1	0	0	0	0
pseudogen	ribosomal_	13	16	17	18	14	24	1.401311	2.211671	2.210997	3.011578
protein_co	macrophag	6	2	4	4	10	6	0.299617	0.128072	0.241003	0.310031
pseudogen	-	0	0	0	1	1	0	0	0	0	0.349903
pseudogen	-	0	0	0	0	0	1	0	0	0	0
antisense	HOXA11_ar	330	269	288	0	0	9	8.980677	9.387647	9.456614	0
pseudogen	ribosomal_	0	0	3	0	0	1	0	0	0.358073	0
lincRNA	-	0	2	1	7	3	2	0	0.180299	0.084821	0.763806
pseudogen	-	0	0	0	5	8	17	0	0	0	0.836549
pseudogen	-	0	0	0	3	1	6	0	0	0	0.570077
pseudogen	septin_7_p	0	0	1	2	0	0	0	0	0.049497	0.127349
pseudogen	-	0	0	0	2	10	6	0	0	0	0.40773
processed_	-	51	65	47	29	30	7	0.756051	1.235674	0.840673	0.667282
pseudogen	tropomyos	113	104	103	128	133	210	1.814579	2.141609	1.995643	3.190347
pseudogen	-	5	0	1	0	0	2	0.485404	0	0.117134	0
pseudogen	ribosomal_	2	4	3	5	2	4	0.20702	0.530947	0.374672	0.803309
pseudogen	-	2	0	0	0	0	2	0.261955	0	0	0
lincRNA	-	0	0	1	2	2	1	0	0	0.330851	0.851226
protein_co	GVQW_mo	20	11	13	6	9	17	0.51162	0.360844	0.401245	0.238232
pseudogen	-	2	4	6	2	3	0	0.080154	0.205572	0.290131	0.12441
protein_co	NOP2/Sun_	69	59	51	84	96	80	1.469973	1.611839	1.310927	2.777603
pseudogen	-	0	1	0	1	1	1	0	0.067259	0	0.081409
pseudogen	ribosomal_	1	0	0	1	2	0	0.113535	0	0	0.176222
processed_	-	2	0	0	0	0	0	0.244219	0	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	0	6	0	0	0	0	0	1.105516
pseudogen	-	1	2	0	0	2	1	0.031115	0.079801	0	0
antisense	PRICKLE2_a	1	2	0	0	0	0	0.094536	0.242459	0	0
pseudogen	carcinoemb	0	0	0	0	2	0	0	0	0	0
antisense	-	0	3	5	0	0	2	0	0.027731	0.043486	0
pseudogen	ribosomal_	2	2	4	3	6	5	0.219112	0.28098	0.528743	0.510139
protein_co	UDP_glucu	0	0	0	1	0	0	0	0	0	0.030124
pseudogen	high_mobil	5	0	2	5	3	1	0.814063	0	0.392885	1.263538
lincRNA	-	0	0	0	1	0	0	0	0	0	0.170046
protein_co	Yae1_doma	110	112	103	96	140	169	5.328411	6.957166	6.019914	7.217832
pseudogen	ribosomal_	2	0	0	0	3	0	0.212653	0	0	0
lincRNA	-	0	1	0	0	0	0	0	0.076017	0	0
antisense	ARHGAP31	8	9	8	23	23	10	0.601154	0.867257	0.725327	2.682589
pseudogen	-	1	2	4	0	7	3	0.13025	0.334054	0.628617	0
antisense	ADAMTS9_	9	8	4	1	1	0	0.24436	0.27854	0.131038	0.042142

lincRNA	-	3	3	1	10	11	7	0.056133	0.071983	0.022576	0.290422
processed_	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	4	0	0	0	1	0	0.438224	0	0	0
pseudogen	-	12	6	4	2	5	6	0.778258	0.499002	0.313004	0.201327
processed_	-	1	1	0	0	0	0	0.085879	0.110128	0	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.205014
antisense	-	0	0	0	0	1	0	0	0	0	0
processed_	-	3	3	1	1	4	4	0.063251	0.08111	0.025439	0.032725
pseudogen	ribosomal_	0	0	0	5	1	2	0	0	0	0.685309
protein_co	teratocarci	0	0	0	4787	5731	6513	0	0	0	138.6378
pseudogen	-	0	0	0	4	0	0	0	0	0	0.627412
pseudogen	-	0	0	0	1	0	0	0	0	0	0.256267
antisense	IQCJ-SCHIP	1	4	3	0	0	1	0.092303	0.473463	0.334107	0
processed_	-	1	0	0	0	0	2	0.09589	0	0	0
pseudogen	-	11	4	2	0	1	0	0.37704	0.175818	0.082713	0
lincRNA	-	0	0	1	2	1	6	0	0	0.045152	0.116169
pseudogen	-	1	0	0	1	1	3	0.1042	0	0	0.161733
lincRNA	-	0	2	0	0	0	0	0	0.139028	0	0
protein_co	keratin_ass	0	0	0	0	1	0	0	0	0	0
processed_	-	7	12	3	0	1	3	0.959737	2.109817	0.496276	0
processed_	-	2	0	2	0	0	0	0.298663	0	0.360354	0
pseudogen	-	0	1	0	3	5	2	0	0.149577	0	0.543133
pseudogen	-	0	0	0	7	10	1	0	0	0	2.709886
protein_co	CGRP_rece	624	470	497	455	489	655	9.321239	9.003187	8.957638	10.54948
pseudogen	-	0	1	0	3	0	4	0	0.108931	0	0.395542
antisense	-	16	6	10	11	22	22	1.286862	0.618832	0.97042	1.373204
pseudogen	-	5	14	5	3	7	5	0.215884	0.775154	0.260477	0.201049
lincRNA	-	20	29	22	7	18	5	0.46984	0.873629	0.623578	0.25524
pseudogen	phosphorib	0	0	1	0	0	0	0	0	0.036571	0
pseudogen	-	1	0	2	0	1	0	0.07802	0	0.188271	0
antisense	WWTR1_ar	5	7	6	7	5	4	0.137912	0.247593	0.199678	0.299682
processed_	-	20	10	32	10	9	17	0.421294	0.270125	0.813305	0.326953
pseudogen	-	0	0	0	0	2	1	0	0	0	0
protein_co	CMT1A_du	1	2	0	0	0	0	0.018238	0.046775	0	0
lincRNA	-	4	1	2	4	7	11	0.207249	0.066442	0.125029	0.321679
protein_co	ribosomal_	61	48	88	124	188	119	1.276916	1.288496	2.222609	4.028882
pseudogen	postmeioti	0	0	2	0	1	3	0	0	0.197127	0
pseudogen	-	0	0	0	2	2	0	0	0	0	0.191778
pseudogen	-	4	3	3	0	0	0	0.362785	0.348916	0.328291	0
antisense	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
antisense	SYNPR_anti	0	0	0	10	15	11	0	0	0	1.304298
protein_co	pyridoxal_(	227	186	202	241	484	247	5.295539	5.56425	5.685698	8.726334
pseudogen	ribosomal_	5	1	4	2	2	0	0.763681	0.195863	0.73714	0.474136
protein_co	ribonuclea	2	10	11	9	15	8	0.062855	0.403015	0.417112	0.43902
pseudogen	-	3	0	0	3	8	0	0.208092	0	0	0.322987
processed_	HNF1A_ant	0	0	0	0	0	2	0	0	0	0
protein_co	CD302_mo	64	66	70	49	62	39	0.781704	1.03375	1.031593	0.928943
pseudogen	-	0	0	1	0	2	0	0	0	0.156286	0
protein_co	EGF-like-do	21	12	20	9	20	11	0.403396	0.295599	0.463544	0.26834
processed_	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	2	0	17	38	17	0	0.235342	0	2.421246
pseudogen	eukaryotic_	0	1	2	4	3	2	0	0.047458	0.089306	0.22977
pseudogen	teratocarci	2	0	1	1	0	1	0.20933	0	0.126285	0.162455
pseudogen	-	0	0	0	0	1	1	0	0	0	0
antisense	-	0	0	0	2	0	1	0	0	0	0.258084
pseudogen	-	0	0	0	0	2	1	0	0	0	0
pseudogen	ribosomal_	0	2	1	0	3	2	0	0.796421	0.374672	0
protein_co	ATP_syntha	197	153	187	233	250	239	11.93454	11.88612	13.66876	21.90916
processed_	-	0	2	0	0	0	1	0	0.286332	0	0
processed_	PTPRG_ant	18	7	18	18	16	12	0.317182	0.158177	0.382698	0.49231
pseudogen	heat_shock	1	0	0	0	0	0	0.024133	0	0	0
antisense	-	0	0	2	0	0	1	0	0	0.211497	0
lincRNA	-	3	2	2	1	1	1	0.16376	0.14	0.131724	0.084726
protein_co	Rho_GTPas	0	8	0	109	149	62	0	0.16559	0	2.730808

processed_	-	13	8	5	1	1	1	0.58388	0.460765	0.270955	0.069712
pseudogen	-	0	0	4	0	0	2	0	0	1.714409	0
pseudogen	-	1	0	1	0	0	0	0.149331	0	0.180177	0
pseudogen	proteasom	59	33	33	30	26	26	2.095842	1.503245	1.414388	1.654086
pseudogen	ribosomal_	0	1	0	3	0	0	0	0.151843	0	0.551362
antisense	-	0	0	0	0	1	2	0	0	0	0
antisense	-	1	1	0	0	0	0	0.052864	0.06779	0	0
pseudogen	carbonic_a	2	0	1	1	3	5	0.103624	0	0.062514	0.08042
processed_	-	8	5	7	2	5	7	0.259959	0.20835	0.274448	0.100873
pseudogen	angiogenic_	3	3	2	0	0	2	0.115969	0.148713	0.093282	0
pseudogen	chromobo	1	2	0	2	1	2	0.083583	0.214366	0	0.259465
pseudogen	-	3	0	0	3	0	1	0.150772	0	0	0.234019
processed_	-	0	1	0	0	0	0	0	0.040167	0	0
pseudogen	-	1	0	0	1	0	0	0.134741	0	0	0.209137
pseudogen	-	15	8	17	3	8	6	1.502885	1.02786	2.055093	0.466537
pseudogen	glucuronid	33	30	31	45	34	11	1.062025	1.238088	1.203734	2.247832
protein_co	actin_relat	1902	1446	1404	1004	1201	1669	34.54098	33.67455	30.76375	28.30012
pseudogen	-	9	4	9	8	18	10	0.907549	0.517246	1.09501	1.252126
antisense	ZBTB20_an	4	2	0	0	0	0	0.11118	0.071286	0	0
protein_co	cortistatin	7	1	2	4	3	3	0.290469	0.053212	0.100134	0.257628
antisense	-	0	1	0	3	2	3	0	0.065932	0	0.239407
pseudogen	-	0	0	0	0	0	2	0	0	0	0
pseudogen	-	0	0	0	1	1	0	0	0	0	0.423138
lincRNA	-	0	1	4	1	0	0	0	0.0593	0.223178	0.071775
sense_intrc	-	1	0	0	0	0	1	0.083434	0	0	0
pseudogen	-	3	1	0	0	0	1	0.242953	0.103851	0	0
lincRNA	-	5	0	6	4	5	3	0.51302	0	0.742786	0.637022
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	golgin_A2_	0	0	0	0	1	0	0	0	0	0
pseudogen	-	2	3	1	0	0	0	0.194969	0.37503	0.117621	0
pseudogen	ubiquilin_4	12	8	7	4	12	4	0.312427	0.267095	0.219894	0.161643
pseudogen	-	18	26	17	13	19	25	1.658193	3.071463	1.889555	1.858816
pseudogen	ribosomal_	0	0	2	0	1	1	0	0	0.262531	0
protein_co	indolethyla	8	2	6	38	42	8	0.146589	0.046995	0.132651	1.080747
pseudogen	-	0	0	0	2	3	1	0	0	0	0.243004
pseudogen	protein_ph	2	0	1	0	0	0	0.15949	0	0.096217	0
processed_	-	3	1	0	0	0	0	0.055755	0.023833	0	0
pseudogen	-	0	0	1	0	0	0	0	0	0.118112	0
lincRNA	-	20	33	25	3	5	2	1.772779	3.751008	2.673701	0.41274
pseudogen	ribosomal_	1	1	3	0	0	2	0.12504	0.160346	0.452604	0
processed_	ADAMTS9_	4	5	5	4	0	1	0.050816	0.081455	0.07664	0.078873
protein_co	actin_relat	2857	2192	2336	1896	2071	2090	78.71021	77.44096	77.65005	81.0755
lincRNA	-	0	0	2	0	0	0	0	0	0.120373	0
protein_co	transmemb	44	23	30	340	590	228	0.79018	0.529676	0.650044	9.477263
processed_	-	1	0	1	0	1	0	0.058032	0	0.070019	0
lincRNA	-	2	1	3	425	603	275	0.045746	0.029332	0.082793	15.0885
pseudogen	fatty_acid_	0	0	0	1	0	1	0	0	0	0.070866
pseudogen	zinc_finger	1	1	2	0	3	0	0.024034	0.03082	0.057996	0
pseudogen	ribosomal_	3	4	1	13	8	14	0.176721	0.30216	0.071075	1.188615
lincRNA	-	0	0	0	4	2	6	0	0	0	0.585753
pseudogen	ribosomal_	138	132	114	20	20	14	5.656313	6.938053	5.637769	1.272374
processed_	-	18	12	11	13	18	22	1.284658	1.098261	0.947231	1.440087
processed_	-	10	3	9	1	0	2	0.418661	0.161062	0.454625	0.064982
antisense	-	3	0	0	1	1	0	0.439594	0	0	0.227437
processed_	-	0	0	0	0	2	4	0	0	0	0
pseudogen	-	0	2	2	4	5	1	0	0.253712	0.238715	0.614176
antisense	-	1	0	2	0	0	0	0.074785	0	0.180464	0
pseudogen	cytochrom	0	0	0	1	1	0	0	0	0	0.316434
antisense	-	0	11	2	3	2	0	0	1.434767	0.245447	0.473621
pseudogen	-	0	1	0	1	1	1	0	0.088556	0	0.107187
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	ribosomal_	0	0	1	1	3	1	0	0	0.12193	0.156853
processed_	cat_eye_sy	0	0	0	2	2	5	0	0	0	0.07601
protein_co	ATP_syntha	100	89	72	154	205	126	1.651639	1.885013	1.434814	3.9479
protein_co	pleckstrin_	389	283	304	564	627	580	4.903284	4.57439	4.623375	11.03436

pseudogen	-	0	1	1	0	0	1	0	0.070492	0.066325	0
protein_co	chromosor	293	241	266	163	194	159	6.798008	7.170352	7.446355	5.86992
pseudogen	Kallmann_s	1	2	3	98	95	120	0.02582	0.066222	0.093462	3.927544
processed_	-	40	25	36	58	80	104	0.385926	0.30931	0.419078	0.868566
pseudogen	-	0	0	0	0	0	1	0	0	0	0
protein_co	phosphatid	850	642	691	795	993	991	14.93313	14.46359	14.64731	21.67851
lincRNA	-	1	1	0	0	0	0	0.0225	0.028853	0	0
processed_	-	2	2	3	0	0	2	0.166868	0.213985	0.302004	0
pseudogen	-	4	4	3	3	5	0	0.255531	0.327683	0.231235	0.297465
pseudogen	ribosomal_	1	1	1	0	0	3	0.083434	0.106993	0.100668	0
pseudogen	-	2	0	0	1	0	0	0.264169	0	0	0.205014
TR_V_pseu	T_cell_rece	0	0	0	0	1	0	0	0	0	0
lincRNA	-	1	0	0	0	0	0	0.122749	0	0	0
pseudogen	-	1	0	0	1	0	0	0.275824	0	0	0.428116
pseudogen	-	0	0	0	1	0	0	0	0	0	0.117009
pseudogen	-	0	0	0	2	0	0	0	0	0	0.195382
processed_	-	0	0	1	0	0	0	0	0	0.019382	0
protein_co	4-hydroxy-	0	2	8	1	2	0	0	0.046594	0.17536	0.028198
pseudogen	ribosomal_	0	0	0	1	0	0	0	0	0	0.180595
pseudogen	ribosomal_	2	1	0	0	0	0	0.275824	0.176852	0	0
protein_co	PWP2_peri	929	736	837	1187	1601	1717	9.54444	9.696654	10.37548	18.92849
pseudogen	heterogene	1	0	0	0	0	2	0.044828	0	0	0
antisense	-	6	1	2	1	4	1	0.633649	0.135427	0.254845	0.163918
antisense	-	16	5	8	0	0	0	0.463684	0.185815	0.279731	0
protein_co	chromosor	9	4	6	61	82	73	0.16427	0.093624	0.132134	1.728131
protein_co	phosphatid	2182	1665	1746	876	992	962	15.15314	14.82762	14.62986	9.442403
pseudogen	transcriptic	1	0	4	3	0	2	0.147453	0	0.711642	0.686602
protein_co	A_kinase_(I	2	4	6	2	4	2	0.013659	0.03503	0.04944	0.0212
pseudogen	-	5	3	1	1	3	0	0.506372	0.38961	0.122193	0.157192
pseudogen	-	4	2	3	2	6	2	0.25346	0.162513	0.22936	0.196702
sense_intro	WWTR1_in	60	36	30	2	4	5	6.23814	4.799718	3.763337	0.322749
processed_	-	4	0	2	0	0	2	0.213866	0	0.129021	0
pseudogen	-	0	0	0	0	1	2	0	0	0	0
processed_	-	0	0	0	1	0	0	0	0	0	0.126354
lincRNA	-	0	0	0	0	0	1	0	0	0	0
protein_co	ubiquitin_s	166	97	112	129	153	74	2.886074	2.162622	2.349446	3.481125
pseudogen	asparagine-	1	1	0	0	1	0	0.059055	0.07573	0	0
lincRNA	-	1	0	0	0	0	0	0.078939	0	0	0
pseudogen	-	4	5	0	2	2	3	0.211454	0.33895	0	0.164103
protein_co	huntingtin_	19	14	23	14	14	12	0.1865	0.176223	0.272396	0.213296
pseudogen	-	0	0	0	0	4	0	0	0	0	0
pseudogen	ribosomal_	0	0	0	1	2	1	0	0	0	0.092126
pseudogen	ribosomal_	0	0	1	0	0	0	0	0	0.097712	0
pseudogen	ribosomal_	111	94	81	166	201	153	6.401958	6.952277	5.636674	14.86033
lincRNA	-	0	0	0	12	17	11	0	0	0	2.863468
processed_	-	0	1	0	8	11	0	0	0.068641	0	0.664656
pseudogen	ribosomal_	2	2	0	1	4	3	0.117519	0.150701	0	0.091203
pseudogen	ribosomal_	11	10	7	12	19	16	1.457034	1.698582	1.118725	2.467112
lincRNA	-	239	214	214	102	140	90	2.663193	3.057932	2.877176	1.764149
pseudogen	ribosomal_	1	0	0	0	2	0	0.153235	0	0	0
pseudogen	-	0	0	1	1	1	1	0	0	0.224506	0.288809
sense_intro	FOXP1_intr	10	15	10	2	6	3	0.132495	0.254859	0.159863	0.04113
pseudogen	ribosomal_	0	0	0	1	2	1	0	0	0	0.117387
lincRNA	-	0	0	0	2	0	0	0	0	0	0.149139
protein_co	Uncharacte	0	1	0	0	0	0	0	0.127664	0	0
protein_co	alpha-meth	46	29	45	12	17	5	0.519369	0.419881	0.613026	0.210296
protein_co	mitochond	1	4	3	6	12	9	0.034102	0.174923	0.123437	0.317585
processed_	small_nucl	605	445	481	1154	1309	1468	10.85251	10.23633	10.41041	32.13003
pseudogen	ribosomal_	0	1	1	0	0	0	0	0.084809	0.079796	0
processed_	-	0	1	0	3	3	0	0	0.109927	0	0.399158
pseudogen	SERPINE1_r	1	0	0	2	3	0	0.05796	0	0	0.179925
lincRNA	-	28	19	29	0	0	0	1.883674	1.639119	2.353931	0
pseudogen	-	0	0	0	1	0	2	0	0	0	0.076853
pseudogen	OFD1_pseu	0	0	0	0	1	0	0	0	0	0
antisense	-	1	1	3	0	2	0	0.085879	0.110128	0.310854	0

pseudogen	-	0	0	0	1	0	0	0	0	0	0.181496
protein_co	Rho_GDP_	4	2	3	39	59	36	0.147453	0.094544	0.133433	2.231456
lincRNA	-	0	0	0	2	1	1	0	0	0	0.387127
pseudogen	-	38	24	35	19	36	16	0.610004	0.494048	0.677899	0.473405
pseudogen	-	0	0	1	4	4	4	0	0	0.193752	0.996984
pseudogen	-	5	5	5	4	1	3	0.675649	0.866424	0.815209	0.83896
pseudogen	-	0	1	1	1	3	5	0	0.178427	0.16788	0.215964
antisense	HOXB_clus	1	0	0	0	0	0	0.082845	0	0	0
antisense	PVRL3_anti	20	16	18	8	9	9	1.184091	1.214743	1.285807	0.73515
protein_co	ADP-ribosy	1219	1008	1082	285	363	128	20.00663	21.21485	21.42622	7.260148
protein_co	bone_gamr	8	5	7	8	9	2	0.402922	0.322931	0.42538	0.62539
processed_	-	0	0	0	0	0	2	0	0	0	0
protein_co	chromosor	159	120	119	148	181	109	2.50269	2.422147	2.259982	3.615781
pseudogen	-	74	82	84	88	106	91	3.368797	4.787032	4.613925	6.21808
pseudogen	-	0	0	1	2	2	1	0	0	0.091843	0.236298
protein_co	paternally_	6103	4657	4635	2969	3398	4107	43.24113	42.31255	39.62337	32.65084
pseudogen	Skint-like_p	0	0	0	3	6	1	0	0	0	0.267245
lincRNA	-	2	1	3	1	1	0	0.132085	0.08469	0.239051	0.102507
pseudogen	-	0	0	0	1	0	1	0	0	0	0.093188
pseudogen	-	0	0	0	1	0	0	0	0	0	0.048199
processed_	-	22	19	12	2	1	16	1.128644	1.249963	0.742786	0.159256
pseudogen	ribosomal_	0	1	0	0	0	0	0	0.071328	0	0
antisense	DMD_antis	0	1	0	0	0	1	0	0.091801	0	0
processed_	-	28	31	29	22	31	32	0.344599	0.489245	0.430627	0.420251
pseudogen	-	6	12	6	8	19	14	0.411918	1.056453	0.497003	0.852472
pseudogen	-	53	43	54	69	66	56	5.414316	5.633075	6.655942	10.94075
pseudogen	ribosomal_	4	1	1	4	3	0	0.538966	0.172787	0.162573	0.836549
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	1	0	0	0	0	0	0.12172	0	0
pseudogen	-	1	0	0	0	0	0	0.098924	0	0	0
pseudogen	-	0	0	0	0	1	2	0	0	0	0
pseudogen	ribosomal_	3	1	1	1	1	3	0.353442	0.15108	0.14215	0.182864
pseudogen	-	0	0	0	0	2	0	0	0	0	0
pseudogen	transferrin_	1	4	7	0	0	0	0.029809	0.152905	0.251766	0
pseudogen	BMS1_pseu	12	23	17	16	36	18	0.327902	0.805935	0.56048	0.6786
antisense	NPPA_antis	5	4	3	0	0	3	0.22718	0.233061	0.164464	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.028608
processed_	-	1	4	2	1	6	2	0.085255	0.437308	0.205729	0.132327
antisense	KCNAB1_ar	0	0	0	2	1	2	0	0	0	0.31921
protein_co	eukaryotic_	940	626	714	827	906	823	34.19443	29.2019	31.33818	46.69426
processed_	-	2	4	1	4	15	1	0.197848	0.507424	0.119358	0.614176
protein_co	TBC1_dom	0	0	0	0	0	1	0	0	0	0
antisense	-	0	0	0	1	1	0	0	0	0	0.191526
antisense	-	2	1	0	0	0	1	0.163096	0.104574	0	0
pseudogen	-	1	0	0	2	0	3	0.091761	0	0	0.284852
lincRNA	-	16	19	14	2	5	5	1.410226	2.147493	1.488829	0.273608
pseudogen	-	0	1	0	1	1	2	0	0.098573	0	0.119311
pseudogen	diazepam_b	1	3	5	3	1	1	0.027713	0.106613	0.167185	0.129042
protein_co	protocadhe	133	115	114	85	128	130	1.348988	1.495766	1.395113	1.338153
antisense	-	1	0	0	0	0	0	0.021285	0	0	0
pseudogen	-	1	0	4	1	3	2	0.089485	0	0.431874	0.138893
pseudogen	-	1	0	0	0	0	0	0.092852	0	0	0
pseudogen	uroplakin_	1	2	1	0	4	0	0.092122	0.236266	0.11115	0
pseudogen	-	0	0	0	4	1	1	0	0	0	0.696457
pseudogen	-	0	0	0	2	1	0	0	0	0	0.26227
pseudogen	ribosomal_	2	3	3	6	5	5	0.117372	0.225769	0.212424	0.546532
pseudogen	retinoblast	1	2	0	1	4	1	0.037097	0.095142	0	0.057579
lincRNA	-	8	9	5	20	32	39	0.566647	0.817475	0.427307	2.198786
pseudogen	-	8	2	3	2	6	0	0.576221	0.184731	0.260717	0.223594
protein_co	mitochond	884	664	718	808	883	1149	24.48362	23.5831	23.99363	34.73484
pseudogen	-	10	11	4	11	7	5	0.489457	0.690426	0.236223	0.835676
protein_co	chromosor	304	255	279	91	111	61	5.338788	5.742733	5.911822	2.48051
pseudogen	-	0	0	1	0	0	2	0	0	0.027109	0
pseudogen	NADH_deh	0	1	1	0	0	0	0	0.157821	0.148492	0
lincRNA	-	25	19	25	23	27	20	0.551388	0.537378	0.665281	0.787364

processed_	-	0	0	2	0	2	0	0	0	0.207617	0
pseudogen	olfactory_r	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.26086
pseudogen	-	3	0	2	1	1	2	1.073817	0	0.863748	0.555571
lincRNA	-	0	0	0	1	0	1	0	0	0	0.101648
antisense	-	200	172	214	72	101	71	5.526225	6.094476	7.134448	3.087888
processed_	-	11	13	7	15	4	13	0.676003	1.024492	0.519041	1.430796
protein_co	serpin_pep	19	18	6	0	0	0	0.419845	0.510055	0.159968	0
pseudogen	POU_class_	0	0	4	0	0	1	0	0	0.228588	0
lincRNA	-	6	3	10	5	11	7	0.541039	0.346903	1.08799	0.699806
processed_	-	6	4	5	0	1	3	0.483402	0.413263	0.486044	0
pseudogen	DDB1_and_	0	0	0	0	2	1	0	0	0	0
pseudogen	ribosomal_	0	0	0	0	2	0	0	0	0	0
protein_co	major_hist	1	1	0	6	2	2	0.010263	0.01316	0	0.095574
pseudogen	-	0	0	0	1	2	0	0	0	0	0.056815
lincRNA	-	4	3	6	0	0	3	0.28247	0.271671	0.511224	0
IG_V_gene	immunoglo	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	399	312	357	146	244	145	9.878098	9.905225	10.66392	5.61027
pseudogen	mannose-b	19	9	21	8	7	15	0.625639	0.380034	0.83433	0.408875
pseudogen	-	5	0	4	2	1	2	0.737264	0	0.711642	0.457735
pseudogen	ribosomal_	0	0	0	10	5	9	0	0	0	0.93188
pseudogen	olfactory_r	0	0	0	4	1	1	0	0	0	0.316778
lincRNA	-	0	0	0	2	1	1	0	0	0	0.240594
protein_co	24-dienoyl_	198	166	185	244	302	230	4.502533	4.840711	5.075882	8.612159
pseudogen	-	9	2	6	18	33	23	0.278187	0.079275	0.223766	0.86357
protein_co	guanine_nu	4	3	1	3	6	2	0.125795	0.120986	0.037945	0.146438
processed_	-	25	28	21	46	53	47	1.193738	1.714495	1.209863	3.409237
antisense	-	0	0	2	1	1	0	0	0	0.261924	0.168472
sense_intrc	USP6NL_in	56	56	52	17	34	33	1.054131	1.351774	1.181022	0.496691
pseudogen	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	0	1	1	0	0	0	0	0.130196
lincRNA	-	3	1	3	8	1	1	0.464258	0.198448	0.560154	1.921579
pseudogen	-	0	0	0	5	10	9	0	0	0	0.46594
lincRNA	-	0	0	1	0	0	0	0	0	0.030932	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.140502
antisense	-	0	0	0	2	1	3	0	0	0	0.10487
antisense	-	63	53	40	33	56	54	0.869356	0.937869	0.665986	0.706808
protein_co	ciliary_neu	4	5	8	3	3	24	0.099449	0.159411	0.239981	0.115769
pseudogen	-	0	5	4	0	0	0	0	0.686413	0.516671	0
protein_co	coiled-coil_	5	6	7	65	86	81	0.143658	0.221065	0.242665	2.898705
pseudogen	family_witl	0	0	0	0	2	0	0	0	0	0
protein_co	retrotransp	760	565	658	19	28	39	8.175364	7.793837	8.540189	0.317232
pseudogen	-	3	1	4	2	3	3	0.391839	0.167492	0.630368	0.405459
pseudogen	-	0	0	0	1	2	0	0	0	0	0.152899
pseudogen	-	0	1	0	0	0	0	0	0.128758	0	0
lincRNA	-	22	10	10	16	7	6	0.379537	0.221228	0.208151	0.428432
processed_	-	0	0	0	1	0	1	0	0	0	0.122939
processed_	-	2	2	0	0	0	0	0.164238	0.210612	0	0
pseudogen	zinc_finger_	5	2	4	34	30	28	0.078411	0.040221	0.075686	0.827596
lincRNA	-	5	0	5	6	2	1	0.34478	0	0.415996	0.642175
sense_intrc	-	1	0	1	1	2	5	0.091404	0	0.110284	0.141871
processed_	GLYCTK_an	7	5	7	3	3	9	0.470918	0.431347	0.56819	0.313256
processed_	-	19	21	22	15	2	22	1.557536	2.207562	2.175981	1.908561
protein_co	adaptor-rel	1011	670	806	307	391	706	8.375584	7.117838	8.056512	3.947597
processed_	SOX2_overl	6	9	5	38	43	75	0.078675	0.151333	0.079104	0.773387
pseudogen	ribosomal_	1	0	3	1	3	2	0.134741	0	0.48772	0.209137
pseudogen	keratin_8_p	0	0	0	2	7	1	0	0	0	0.108789
protein_co	zinc_finger_	2	0	4	13	6	6	0.0191	0	0.04609	0.192696
processed_	-	6	11	9	14	18	24	0.808449	1.900654	1.46316	2.927923
protein_co	stereocilin	1	0	0	5	4	3	0.008255	0	0	0.064067
processed_	-	2	3	0	0	1	2	0.24679	0.474709	0	0
pseudogen	-	1	0	0	0	0	3	0.087974	0	0	0
processed_	-	1	0	1	0	0	1	0.087974	0	0.106145	0
pseudogen	-	0	0	0	3	0	1	0	0	0	0.244501

pseudogen	-	1	0	0	1	3	1	0.057604	0	0	0.08941
pseudogen	-	0	0	0	0	0	1	0	0	0	0
processed_	-	0	0	1	0	0	0	0	0	0.090088	0
antisense	PLCH1_ant	1	1	0	0	0	0	0.114927	0.147377	0	0
pseudogen	-	2	1	0	5	6	6	0.132458	0.084929	0	0.513982
pseudogen	-	1	0	1	2	3	0	0.094919	0	0.114525	0.294655
pseudogen	epidermal_	0	0	1	0	0	0	0	0	0.027318	0
protein_co	endogenou	18	9	20	23	24	9	0.251796	0.161446	0.337563	0.499384
pseudogen	-	0	0	0	0	3	1	0	0	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	1	1	0	0	1	0	0.148386	0.190284	0	0
pseudogen	ferritin_hea	5	2	2	1	0	2	0.426273	0.218654	0.205729	0.132327
pseudogen	-	0	0	2	0	0	0	0	0	0.327974	0
processed_	-	4	0	0	0	0	0	0.501498	0	0	0
pseudogen	ferritin_hea	2	1	0	0	0	1	0.169584	0.108734	0	0
pseudogen	-	1	0	0	0	1	0	0.115493	0	0	0
pseudogen	-	0	1	0	1	1	0	0	0.175306	0	0.212186
processed_	-	1	0	1	269	261	333	0.058321	0	0.070368	24.35046
antisense	-	0	1	1	0	1	0	0	0.278379	0.261924	0
pseudogen	-	1	0	0	0	0	0	0.064498	0	0	0
pseudogen	ubiquitin_/	0	1	0	2	0	0	0	0.157408	0	0.381046
pseudogen	ribosomal_	5	3	0	5	5	2	0.171633	0.132057	0	0.266398
pseudogen	methylthio	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	ribosomal_	1	0	2	2	1	3	0.12372	0	0.298551	0.384062
antisense	GK_antisen	3	1	1	1	1	1	0.216083	0.092365	0.086906	0.111797
protein_co	eukaryotic_	12	8	7	2	4	7	0.814298	0.696148	0.573124	0.210651
pseudogen	ATP-bindin	0	0	0	3	6	12	0	0	0	0.053515
antisense	ARHGEF26_	0	1	0	3	6	0	0	0.023145	0	0.084041
pseudogen	-	0	1	0	0	1	1	0	0.12527	0	0
processed_	-	2	0	2	2	2	2	0.266421	0	0.321452	0.413522
lincRNA	-	0	0	0	0	7	4	0	0	0	0
lincRNA	long_interg	0	4	3	0	0	0	0	0.089313	0.063025	0
lincRNA	-	3	0	2	0	0	0	0.302516	0	0.243336	0
pseudogen	-	5	3	1	2	2	2	0.580322	0.446508	0.140038	0.360296
pseudogen	ribosomal_	0	0	0	0	0	1	0	0	0	0
processed_	-	12	8	10	7	5	10	0.35411	0.30273	0.356045	0.320616
pseudogen	-	0	0	0	1	0	0	0	0	0	0.20974
protein_co	pregnancy_	0	0	0	0	3	1	0	0	0	0
protein_co	pregnancy_	1	0	0	0	1	0	0.02044	0	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	0	1	0	1	0	0	0	0.106872
protein_co	mitochond	362	241	285	219	293	282	23.28421	19.8783	22.118	21.86389
antisense	-	1	7	2	0	5	1	0.091226	0.818888	0.220138	0
processed_	-	4	6	6	6	4	2	0.077376	0.148836	0.140038	0.180148
protein_co	microtubul	933	773	869	457	590	447	4.63191	4.921157	5.205306	3.521479
pseudogen	ribosomal_	0	0	0	2	0	0	0	0	0	0.292288
pseudogen	-	3	2	4	2	2	4	0.111554	0.095368	0.179462	0.115432
processed_	-	6	10	13	8	4	10	0.496191	1.06049	1.297146	1.026876
pseudogen	-	1	0	0	0	0	0	0.098716	0	0	0
antisense	CCDC39_ar	0	0	0	1	0	0	0	0	0	0.257172
antisense	-	1	1	0	0	1	0	0.086673	0.111146	0	0
pseudogen	-	45	40	38	70	61	76	2.425346	2.764588	2.471114	5.855846
antisense	-	2	0	0	0	0	0	0.13552	0	0	0
processed_	-	7	11	8	12	15	5	0.29812	0.600752	0.411085	0.79324
pseudogen	-	2	1	7	1	0	2	0.202549	0.12987	0.855353	0.157192
antisense	-	5	2	3	6	5	5	0.438224	0.224784	0.317246	0.816222
protein_co	protocadhe	332	247	235	162	239	191	2.607619	2.487782	2.227009	1.974929
antisense	-	8	4	3	0	0	0	0.445511	0.285652	0.201575	0
protein_co	stonin_1	125	124	126	217	283	82	1.010212	1.28509	1.22863	2.72203
pseudogen	ribosomal_	1	0	1	1	1	0	0.071588	0	0.086375	0.111114
pseudogen	-	0	0	0	0	2	0	0	0	0	0
pseudogen	-	0	2	1	0	1	0	0	0.266061	0.125167	0
lincRNA	-	3	0	0	0	0	0	0.178742	0	0	0
protein_co	PRA1_dom	267	209	224	50	63	40	9.370984	9.406532	9.485713	2.723795

pseudogen	-	0	1	0	0	0	0	0	0.192108	0	0
protein_co	V-set_and_i	4	3	3	1	0	0	0.103168	0.099224	0.093359	0.040033
lincRNA	-	1	0	0	0	0	0	0.10238	0	0	0
pseudogen	ribosomal_	0	1	0	0	0	0	0	0.15992	0	0
pseudogen	-	283	255	253	112	181	142	11.53902	13.33313	12.44661	7.08812
pseudogen	-	1	2	0	1	0	0	0.134741	0.345574	0	0.209137
pseudogen	-	3	2	1	3	3	1	0.176721	0.15108	0.071075	0.274296
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	1	0	0	0	0	0	0.069837	0	0
pseudogen	-	1	1	1	1	0	0	0.125374	0.160775	0.151271	0.194598
protein_co	chromosor	659	540	588	539	663	723	15.41942	16.20264	16.6	19.57501
processed_	FGF14_intr	2	3	3	0	0	1	0.108042	0.207822	0.195537	0
lincRNA	-	3	0	3	0	0	0	0.071515	0	0.086287	0
pseudogen	protein_tyr	0	0	3	6	9	2	0	0	0.033496	0.086181
protein_co	potassium_	500	381	437	119	155	115	4.811206	4.701304	5.073568	1.777303
pseudogen	-	1	0	0	2	0	0	0.274211	0	0	0.851226
pseudogen	-	2	4	7	0	1	0	0.378145	0.969835	1.596889	0
protein_co	ephrin-A4	223	144	192	213	266	162	8.279077	6.855654	8.600552	12.27403
antisense	MCCC1_ant	2	2	2	2	1	0	0.122588	0.157202	0.14791	0.190274
antisense	-	0	3	0	0	1	0	0	0.515398	0	0
pseudogen	-	2	2	1	0	0	0	0.160582	0.205924	0.096876	0
processed_	-	1	0	1	1	2	1	0.110329	0	0.133119	0.171247
pseudogen	-	1	0	0	0	0	0	0.116642	0	0	0
pseudogen	-	0	0	0	0	2	0	0	0	0	0
pseudogen	-	4	2	0	5	1	0	0.538966	0.345574	0	1.045687
pseudogen	ribosomal_	3	5	5	1	6	4	0.435511	0.930802	0.875782	0.225324
pseudogen	mitochond	1	0	0	0	0	0	0.050967	0	0	0
protein_co	toll-like_re	1	0	1	0	0	0	0.013363	0	0.016123	0
antisense	-	6	1	2	0	0	0	0.506919	0.108342	0.203876	0
processed_	-	4	3	2	0	0	1	0.335528	0.3227	0.202417	0
pseudogen	-	3	1	0	0	1	0	0.181043	0.077387	0	0
pseudogen	-	10	8	8	4	4	2	1.001923	1.02786	0.967103	0.62205
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	ribosomal_	7	12	6	2	5	5	0.368384	0.809829	0.38098	0.163367
antisense	-	2	5	7	0	5	3	0.183523	0.588354	0.775007	0
protein_co	Protein_LO	0	0	0	1	5	6	0	0	0	0.063232
protein_co	paralemmi	111	88	105	4	12	13	0.560137	0.56946	0.639306	0.03133
pseudogen	-	0	0	0	2	0	0	0	0	0	0.34657
protein_co	chromosor	558	395	468	285	386	281	54.85247	49.79302	55.50804	43.48479
protein_co	neuroblast	1340	1108	1153	157	202	80	13.34876	14.1542	13.85841	2.42754
pseudogen	inhibitor_c	0	0	0	0	0	1	0	0	0	0
processed_	-	1	3	3	4	2	2	0.143834	0.553342	0.520633	0.893004
protein_co	N-acetyltra	157	115	127	182	207	79	4.044908	3.79941	3.947851	7.27798
antisense	-	0	0	0	1	1	0	0	0	0	0.069913
pseudogen	-	0	0	1	0	0	2	0	0	0.133119	0
protein_co	keratin_ass	0	0	0	3	2	1	0	0	0	0.176936
pseudogen	ubiquitin_/	1	0	2	1	4	2	0.222228	0	0.536261	0.344928
pseudogen	-	1	0	0	0	0	1	0.108542	0	0	0
pseudogen	-	2	0	0	0	0	0	0.131529	0	0	0
pseudogen	ribosomal_	1	1	1	1	0	0	0.11901	0.152614	0.143593	0.18472
pseudogen	-	1	0	1	2	8	1	0.077376	0	0.093359	0.240197
pseudogen	-	0	0	0	1	1	0	0	0	0	0.086643
IG_V_pseu	immunoglo	0	1	0	1	0	0	0	0.182212	0	0.220545
processed_	-	1	1	0	2	0	1	0.13914	0.178427	0	0.431928
pseudogen	-	0	0	0	1	0	1	0	0	0	0.209137
protein_co	WAP_four-l	1	1	0	0	0	1	0.059205	0.075921	0	0
pseudogen	heterogene	1	1	1	6	3	0	0.033831	0.043384	0.040819	0.315064
pseudogen	-	77	49	55	42	62	34	8.077251	6.591409	6.961192	6.838371
processed_	-	1	1	0	0	0	0	0.080845	0.103672	0	0
protein_co	uroplakin_	4	5	2	34	39	28	0.116642	0.186971	0.070368	1.538876
lincRNA	-	0	0	1	0	0	0	0	0	0.119358	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.03
polymorph	chromosor	10	18	22	21	32	22	0.189915	0.43837	0.504115	0.619026
pseudogen	ribosomal_	0	0	0	0	0	1	0	0	0	0
pseudogen	ribosomal_	0	3	0	2	2	0	0	0.213226	0	0.172056

antisense	-	0	0	0	0	0	1	0	0	0	0
antisense	-	0	2	2	0	0	0	0	0.210982	0.198511	0
pseudogen	-	0	0	0	1	1	2	0	0	0	0.43065
lincRNA	-	0	1	2	6	12	7	0	0.083167	0.156502	0.603982
lincRNA	-	0	3	2	0	0	0	0	0.08939	0.056071	0
protein_co	interleukin	159	131	136	28	65	34	3.744607	3.956305	3.864525	1.023523
pseudogen	-	0	0	1	0	0	0	0	0	0.113605	0
protein_co	complemer	1	1	1	0	1	0	0.012104	0.015521	0.014604	0
pseudogen	MT-ND5_ps	0	0	0	0	2	0	0	0	0	0
pseudogen	-	2	0	3	0	2	0	0.332553	0	0.601867	0
protein_co	zinc_finger	29	27	22	12	16	7	0.495377	0.591441	0.453428	0.318163
pseudogen	WW_doma	0	0	0	1	1	0	0	0	0	0.081227
pseudogen	-	0	0	0	0	2	5	0	0	0	0
protein_co	WD_repeat	125	95	101	110	119	96	2.232008	2.175297	2.175981	3.048659
pseudogen	ribosomal_	0	0	0	2	2	0	0	0	0	0.186376
pseudogen	-	0	0	0	1	0	0	0	0	0	0.225324
protein_co	NME1-NME	12	14	17	16	17	41	0.649746	0.972075	1.110605	1.344661
pseudogen	-	345	253	278	184	275	144	21.45498	20.17618	20.8594	17.76059
protein_co	musculoske	4	0	2	3	9	4	0.033255	0	0.020062	0.038713
pseudogen	-	0	1	3	0	0	0	0	0.07554	0.213224	0
processed_	-	0	0	1	0	0	0	0	0	0.103808	0
processed_	-	195	153	156	5	12	11	3.340721	3.361293	3.224618	0.132955
protein_co	phospholip	9	9	5	6	13	3	0.139048	0.178309	0.093205	0.143881
protein_co	left-right_d	0	0	3	76	115	415	0	0	0.104383	3.401762
protein_co	WD_repeat	1	0	9	8	10	3	0.011049	0	0.119976	0.137191
pseudogen	ribosomal_	0	1	0	0	1	0	0	0.124492	0	0
antisense	CACNA2D3	0	0	0	3	3	3	0	0	0	0.105072
protein_co	Putative_N	158	126	164	145	210	210	1.297937	1.327322	1.625505	1.848821
pseudogen	-	1	1	0	1	2	2	0.099554	0.127664	0	0.154522
protein_co	tetratricop	6	4	2	3	5	5	0.11747	0.100426	0.047245	0.091165
pseudogen	ribosomal_	331	330	311	3	3	1	4.403006	5.629172	4.991484	0.06194
pseudogen	eukaryotic_	2	1	2	1	0	0	0.067468	0.043259	0.081404	0.05236
protein_co	ZMYM6_ne	0	0	1	0	0	0	0	0	0.061362	0
pseudogen	major_hist	32	37	24	29	31	19	0.327116	0.485023	0.296013	0.46013
processed_	-	0	0	6	13	18	3	0	0	0.180752	0.503801
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	suppressio	0	4	1	0	5	1	0	0.217271	0.051107	0
antisense	HOXA_dista	39	37	40	0	0	1	0.405389	0.493195	0.501667	0
processed_	-	0	0	0	0	1	0	0	0	0	0
pseudogen	oligosaccha	0	0	0	1	0	0	0	0	0	0.060904
processed_	-	1	0	0	6	11	13	0.127766	0	0	1.189861
protein_co	jumonji_do	15	6	15	4	8	6	0.496716	0.254787	0.599317	0.205593
lincRNA	-	2	2	3	2	0	0	0.037482	0.048065	0.067836	0.058177
antisense	PEX5L_anti	0	0	0	1	0	0	0	0	0	0.088005
pseudogen	-	0	0	0	0	2	0	0	0	0	0
pseudogen	-	0	0	1	0	0	0	0	0	0.077078	0
antisense	-	0	0	0	0	3	1	0	0	0	0
protein_co	apolipopro	21	15	19	163	205	73	0.393404	0.360346	0.429458	4.739556
pseudogen	-	1	1	1	0	6	0	0.094157	0.120743	0.113605	0
pseudogen	-	0	1	0	1	11	3	0	0.102962	0	0.124623
processed_	WDR86_an	0	0	1	23	42	38	0	0	0.075334	2.228942
processed_	-	4	4	3	1	4	0	0.240154	0.307963	0.217319	0.093188
antisense	WDR52_an	3	0	0	0	0	0	0.205058	0	0	0
protein_co	olfactory_r	1	0	3	10	23	8	0.042016	0	0.152085	0.652149
processed_	-	4	0	0	1	5	1	0.095208	0	0	0.036944
pseudogen	tubulin_alp	0	0	0	0	2	2	0	0	0	0
pseudogen	-	0	0	0	0	3	1	0	0	0	0
pseudogen	protein-kin	0	0	0	3	0	0	0	0	0	0.096312
antisense	TIPARP_ant	4	0	3	4	0	1	0.255184	0	0.23092	0.396081
protein_co	mitochond	1494	1210	1264	512	644	439	17.80724	18.49442	18.17779	9.472104
protein_co	zinc_finger	360	324	306	316	365	344	4.932907	5.693178	5.05906	6.720753
processed_	-	0	0	0	1	3	0	0	0	0	0.130664
protein_co	glutathione	0	1	0	1	5	2	0	0.059009	0	0.071423
processed_	-	2	4	0	7	6	1	0.12971	0.332668	0	0.704645
processed_	-	0	0	1	0	0	0	0	0	0.05461	0

pseudogen	-	1	1	1	0	0	2	0.100192	0.128482	0.120888	0
lincRNA	-	2	1	0	0	0	0	0.26718	0.17131	0	0
pseudogen	peptidylpr	3	1	0	0	1	1	0.173026	0.07396	0	0
protein_co	retrotransp	36	24	32	3	0	7	0.311102	0.265963	0.333656	0.040239
pseudogen	-	1	2	0	0	0	0	0.084032	0.215519	0	0
pseudogen	enolase_1_	0	0	2	3	7	9	0	0	0.092444	0.178382
protein_co	aminoacyla	5	14	7	12	13	16	0.127696	0.458506	0.215702	0.475685
pseudogen	-	0	0	0	3	0	6	0	0	0	0.279922
protein_co	NFS1_nitro	320	232	239	230	268	243	4.981675	4.631512	4.489225	5.557555
pseudogen	-	3	4	6	10	19	3	0.174529	0.298411	0.421158	0.902975
pseudogen	-	0	0	0	1	0	2	0	0	0	0.150683
pseudogen	family_witl	290	235	273	127	155	165	5.607466	5.827011	6.369119	3.811561
processed_	-	0	0	0	1	0	0	0	0	0	0.160662
antisense	-	0	1	0	1	0	0	0	0.072271	0	0.087476
protein_co	dolichyl-di	6570	4897	5392	3997	4084	3945	148.1806	141.6333	146.7317	139.9235
processed_	-	25	16	13	0	0	0	0.483402	0.396733	0.303291	0
processed_	-	24	10	18	41	47	20	0.401341	0.214443	0.363181	1.064184
protein_co	transmemb	71	62	43	48	77	104	1.057558	1.184259	0.772791	1.10973
pseudogen	-	4	1	1	0	0	0	0.368487	0.118133	0.11115	0
pseudogen	ribosomal_	0	0	0	0	2	0	0	0	0	0
processed_	long_interg	1	2	5	3	5	2	0.13513	0.346569	0.815209	0.62922
processed_	-	2	2	4	2	7	3	0.145848	0.187029	0.351947	0.226376
pseudogen	ribosomal_	0	2	1	0	2	1	0	0.199435	0.093823	0
pseudogen	-	0	0	0	3	0	0	0	0	0	0.363899
pseudogen	-	0	0	0	1	3	2	0	0	0	0.08654
protein_co	glutathione	0	0	0	1	1	2	0	0	0	0.055856
pseudogen	-	7	2	3	0	0	0	0.411832	0.15089	0.212957	0
pseudogen	ribosomal_	3	0	1	2	4	1	0.394034	0	0.158475	0.40773
protein_co	small_proli	0	0	0	0	1	2	0	0	0	0
pseudogen	ribosomal_	0	1	1	0	0	0	0	0.079748	0.075034	0
pseudogen	-	0	1	0	0	0	0	0	0.139837	0	0
pseudogen	-	0	2	0	0	0	0	0	0.204523	0	0
pseudogen	phosducin-	2	3	5	4	6	12	0.13025	0.250541	0.392885	0.404332
antisense	ATP1B3_an	13	10	13	10	5	8	1.621197	1.599197	1.956068	1.935633
pseudogen	-	0	0	0	7	2	0	0	0	0	2.522072
pseudogen	ribosomal_	4	0	0	4	2	0	0.290791	0	0	0.451348
pseudogen	ribosomal_	2	1	2	2	1	1	0.24679	0.158236	0.297766	0.383052
processed_	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	9	6	5	0	1	6	0.813122	0.695142	0.545043	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
processed_	-	0	1	1	0	0	1	0	0.138868	0.130659	0
antisense	-	2	2	2	3	3	3	0.076244	0.097772	0.091993	0.177512
pseudogen	-	0	1	2	0	2	0	0	0.253712	0.47743	0
antisense	FLNB_antis	11	5	6	29	24	26	0.139064	0.081059	0.091521	0.569052
processed_	-	0	0	0	0	0	1	0	0	0	0
protein_co	purinergic_	39	32	41	40	58	191	0.941179	0.9903	1.193822	1.498298
pseudogen	pre-B-cell_l	6	4	6	13	17	6	0.128996	0.110279	0.155641	0.433809
processed_	-	0	0	2	2	0	0	0	0	0.35921	0.462094
antisense	-	1	1	0	2	4	2	0.099343	0.127394	0	0.308389
protein_co	transmemb	445	302	353	410	544	386	24.87015	21.64386	23.80352	35.56581
antisense	-	4	3	3	113	161	106	0.219112	0.210735	0.198279	9.607614
pseudogen	-	0	0	1	0	0	0	0	0	0.086243	0
processed_	FOXP1_ant	8	15	11	1	5	10	0.535886	1.288496	0.889044	0.103971
pseudogen	-	1	0	0	1	1	0	0.064145	0	0	0.099562
processed_	-	5	1	4	1	2	1	0.178425	0.045761	0.172224	0.055388
pseudogen	interleukin	0	1	0	1	1	2	0	0.051481	0	0.062311
lincRNA	-	0	1	0	0	0	0	0	0.025587	0	0
pseudogen	ribosomal_	1	0	2	1	1	1	0.101935	0	0.24598	0.158217
pseudogen	germ_cell-l	0	0	0	2	0	1	0	0	0	0.092068
protein_co	interferon_	124	91	117	45	48	6	1.527282	1.437303	1.738727	0.860281
pseudogen	ribosomal_	0	0	0	1	1	1	0	0	0	0.092831
pseudogen	-	0	0	0	1	0	0	0	0	0	0.202729
pseudogen	polycystic_	2	2	0	0	3	1	0.013781	0.017672	0	0
antisense	SIAH2_anti	3	2	0	1	0	1	0.31898	0.272697	0	0.165034
antisense	-	1	2	2	3	0	3	0.14517	0.372321	0.350313	0.675973

pseudogen	piggyBac_t	0	0	0	1	0	0	0	0	0	0.17882
protein_co	dysbindin_	4	2	4	24	28	36	0.12203	0.078243	0.147236	1.136445
pseudogen	endothelin	0	0	0	56	62	80	0	0	0	3.147235
pseudogen	-	0	3	3	0	0	0	0	0.174796	0.164464	0
antisense	ITGB5_anti	5	7	6	9	15	8	0.509674	0.915019	0.737941	1.423953
pseudogen	ribosomal_	0	0	0	8	5	1	0	0	0	0.745504
protein_co	chromosor	16	9	10	14	27	17	0.32733	0.236112	0.246839	0.444554
processed_	-	1	0	0	1	11	0	0.029715	0	0	0.046122
lincRNA	-	9	13	6	2	0	1	0.09897	0.183323	0.079609	0.034137
pseudogen	-	105	70	79	120	130	132	9.886449	8.451979	8.974829	17.5373
processed_	-	4	2	8	2	0	0	0.245177	0.157202	0.591639	0.190274
processed_	-	4	2	0	9	10	9	0.290791	0.186449	0	1.015532
lincRNA	long_interg	0	0	0	48	37	111	0	0	0	1.785095
pseudogen	-	2	2	1	0	4	0	0.172707	0.221473	0.104191	0
antisense	HLA_compl	0	0	1	5	9	6	0	0	0.178472	1.147946
protein_co	lymphocyt	0	0	1	0	0	0	0	0	0.108175	0
pseudogen	-	7	2	1	8	13	8	0.403727	0.147921	0.069589	0.71616
pseudogen	profilin_1_	10	5	6	3	5	5	0.863536	0.553681	0.625144	0.402098
pseudogen	ribosomal_	0	3	6	5	1	3	0	0.087695	0.165023	0.176908
processed_	-	0	0	0	2	0	1	0	0	0	0.164474
antisense	-	1	0	0	0	1	0	0.057113	0	0	0
pseudogen	ribosomal_	0	0	1	0	0	0	0	0	0.077928	0
processed_	-	1	1	0	1	1	0	0.047847	0.061357	0	0.074265
pseudogen	-	140	113	129	169	167	158	20.45047	21.16719	22.73595	38.31709
protein_co	ets_variant	2096	1724	1632	1465	1793	1197	23.90695	25.21619	22.45955	25.93588
protein_co	complemer	0	0	1	2	1	1	0	0	0.044513	0.114524
pseudogen	-	0	0	0	1	1	1	0	0	0	0.093188
processed_	-	20	10	9	7	9	14	1.483861	0.951421	0.805664	0.806105
lincRNA	-	5	6	2	10	15	7	0.404922	0.623107	0.195425	1.256991
protein_co	RNA_bindi	2060	1608	1747	1825	2342	2827	14.49916	14.51347	14.836	19.93743
antisense	-	0	0	0	2	0	4	0	0	0	0.264174
processed_	-	0	0	0	1	0	0	0	0	0	0.122114
protein_co	endogenou	8	13	3	2	8	6	0.117298	0.24443	0.053073	0.045516
antisense	-	4	14	10	172	240	168	0.147918	0.663894	0.446179	9.872339
pseudogen	-	7	5	5	0	4	2	0.235628	0.215828	0.203071	0
protein_co	leukocyte_	3	5	5	1	1	2	0.062855	0.134338	0.126397	0.03252
protein_co	scavenger_	2367	1680	1688	790	1103	701	32.07765	29.19597	27.601	16.61735
pseudogen	RWD_dom	1	2	3	3	0	0	0.082991	0.212849	0.300401	0.386441
protein_co	apolipopro	612	493	506	348	324	217	21.92261	22.64629	21.86952	19.34864
pseudogen	-	0	1	0	0	0	0	0	0.398211	0	0
antisense	-	18	14	12	1	6	8	0.87736	0.87507	0.705724	0.075655
pseudogen	keratin_18	3	6	6	3	3	0	0.110764	0.284078	0.267286	0.171921
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	0	2	0	0	0	0	0
pseudogen	-	6	3	6	22	17	18	0.171654	0.110061	0.20711	0.97691
antisense	-	1	1	2	0	3	0	0.054397	0.069756	0.131266	0
pseudogen	-	23	19	29	12	21	3	0.384619	0.407442	0.585125	0.311468
lincRNA	-	1	2	3	0	0	0	0.082991	0.212849	0.300401	0
lincRNA	-	56	44	35	22	39	26	2.080698	2.096443	1.569051	1.268745
pseudogen	-	1	1	0	0	2	0	0.130978	0.16796	0	0
lincRNA	-	0	0	0	1	0	1	0	0	0	0.168472
processed_	-	0	0	0	4	12	19	0	0	0	0.082284
pseudogen	ribosomal_	1	0	0	0	1	1	0.093406	0	0	0
antisense	WNT5A_an	454	350	406	29	42	21	42.57614	42.09086	45.93931	4.221228
protein_co	RAD21-like	6	3	7	2	8	1	0.155608	0.099773	0.219042	0.080509
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	1	0	0	0	7	4	0.13513	0	0	0
protein_co	coiled-coil_	3	0	1	2	3	6	0.047798	0	0.019224	0.04946
protein_co	aspartic_pe	7	7	13	25	20	9	0.151119	0.193788	0.33862	0.837705
processed_	-	7	5	4	26	15	17	0.326272	0.298856	0.224952	1.880989
pseudogen	-	104	77	107	166	171	131	5.006737	4.753588	6.215174	12.40395
pseudogen	-	1	0	1	2	3	2	0.13914	0	0.16788	0.431928
lincRNA	-	25	14	25	2	3	5	0.81633	0.586224	0.98495	0.101365
pseudogen	-	1	2	2	1	2	0	0.098508	0.252646	0.237712	0.152899

pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	ribosomal_	0	0	1	1	0	0	0	0	0.07244	0.093188
processed_	-	1	1	2	9	10	3	0.015831	0.0203	0.038201	0.221141
processed_	-	4	0	0	3	1	2	0.444455	0	0	0.517392
polymorph	Fc_fragmer	9	8	11	1	3	0	0.258585	0.294754	0.38133	0.044595
protein_co	ubiquitin-c	62	63	52	43	73	29	1.146365	1.493761	1.160066	1.234042
pseudogen	-	0	2	0	1	0	3	0	0.187029	0	0.113188
protein_co	CTAGE_fam	0	0	0	5	9	16	0	0	0	0.14061
protein_co	patched_d	163	133	139	15	18	11	2.364812	2.474401	2.433167	0.337778
processed_	-	2	4	1	1	1	0	0.072028	0.184731	0.043453	0.055898
pseudogen	-	0	0	0	1	0	0	0	0	0	0.197235
processed_	-	5	3	3	8	7	14	0.304481	0.234272	0.220424	0.756154
pseudogen	CD46_mole	0	0	0	0	1	3	0	0	0	0
pseudogen	-	1	0	0	1	0	1	0.101056	0	0	0.156853
pseudogen	-	47	30	36	75	73	70	3.601031	2.947539	3.327971	8.919093
pseudogen	-	1	0	0	0	0	0	0.053959	0	0	0
pseudogen	argininosuc	4	6	11	17	16	3	0.294443	0.566372	0.976971	1.942318
pseudogen	-	2	0	3	1	3	0	0.284182	0	0.514323	0.220545
protein_co	complemer	19	4	12	4	7	3	0.16317	0.044051	0.124342	0.053319
lincRNA	-	3	1	1	3	0	0	0.14949	0.0639	0.060123	0.232029
protein_co	crystallin_b	0	0	3	0	0	0	0	0	0.191565	0
pseudogen	ribosomal_	0	0	0	1	1	0	0	0	0	0.128359
protein_co	NEDD4_bin	942	769	838	519	543	457	8.307391	8.696598	8.916734	7.104141
pseudogen	-	0	2	1	0	0	0	0	0.417568	0.196443	0
antisense	-	1	0	0	0	4	0	0.064409	0	0	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.051181
processed_	GABPB1_ar	73	61	62	298	340	128	1.481806	1.587843	1.518477	9.388909
pseudogen	-	2	0	1	4	11	5	0.125542	0	0.075737	0.389718
antisense	-	11	1	9	3	2	3	0.270614	0.031548	0.267146	0.114554
pseudogen	-	47	50	51	40	51	29	4.262729	5.815261	5.580949	5.630932
antisense	-	14	14	14	9	11	24	0.333907	0.428188	0.402877	0.333173
lincRNA	-	1	1	3	1	4	2	0.064057	0.082145	0.231867	0.099426
lincRNA	-	4	2	0	0	0	0	0.091716	0.058807	0	0
processed_	LIFR_antise	7	9	7	24	14	8	0.086308	0.1423	0.104136	0.459299
processed_	-	0	0	0	2	3	0	0	0	0	0.105478
protein_co	Uncharacte	1	0	2	0	0	0	0.024473	0	0.059056	0
protein_co	Uncharacte	1	1	3	9	17	7	0.025693	0.032948	0.093001	0.358914
processed_	-	4	2	3	0	1	0	0.096432	0.06183	0.087263	0
lincRNA	-	2	0	0	1	0	2	0.086195	0	0	0.066893
processed_	long_interg	205	147	185	148	176	84	5.137602	4.724254	5.59405	5.757034
antisense	-	26	18	12	0	0	0	0.877711	0.77922	0.488773	0
processed_	-	1	0	0	0	0	0	0.017815	0	0	0
processed_	A2M_antise	7	15	7	7	5	4	0.150082	0.412413	0.181083	0.232949
antisense	SMARCA5_	1	0	1	0	1	5	0.049619	0	0.059868	0
processed_	-	8	2	2	4	6	5	0.135471	0.043431	0.040863	0.105135
antisense	ARAP1_ant	3	8	4	3	2	3	0.077122	0.263727	0.124069	0.119704
processed_	-	36	16	24	26	23	17	0.298557	0.170159	0.240151	0.334679
lincRNA	-	12	6	16	7	7	8	0.201533	0.129219	0.324215	0.182471
pseudogen	eukaryotic_	7	3	6	7	11	13	0.233616	0.128391	0.241604	0.362604
processed_	-	28	22	21	46	56	29	0.644853	0.649733	0.583539	1.644337
antisense	-	0	1	4	20	26	25	0	0.024187	0.091031	0.585517
processed_	-	59	32	50	13	16	5	2.662667	1.851928	2.722594	0.910623
processed_	-	2	2	3	1	5	4	0.089145	0.114315	0.161337	0.069182
antisense	-	1	0	2	0	0	1	0.016687	0	0.040267	0
antisense	-	1	0	1	0	0	3	0.058321	0	0.070368	0
protein_co	Uncharacte	16	12	13	8	15	5	0.515984	0.496257	0.505833	0.400439
antisense	-	1	3	2	1	4	2	0.060975	0.234577	0.14714	0.094642
antisense	-	1	0	0	1	0	0	0.015799	0	0	0.024521
lincRNA	-	0	0	0	5	2	3	0	0	0	0.123733
processed_	-	0	0	1	0	0	1	0	0	0.026363	0
sense_over	-	0	0	0	2	1	0	0	0	0	0.112401
antisense	-	0	0	0	1	0	0	0	0	0	0.033401
antisense	-	19	5	10	22	16	20	0.308701	0.104175	0.196034	0.554801
processed_	-	13	8	7	4	4	0	0.263769	0.208152	0.171367	0.125971
lincRNA	long_interg	6	9	5	2	3	16	0.079073	0.152099	0.079505	0.040911

lincRNA	nuclear_pa	2140	1845	1586	265	374	152	4.412111	4.877961	3.945335	0.848026
antisense	-	3	1	1	3	6	5	0.161876	0.069194	0.065104	0.251254
antisense	-	7	8	4	12	11	7	0.170421	0.24976	0.117498	0.453457
lincRNA	-	64	46	55	42	49	53	2.029047	1.870163	2.10389	2.066769
processed_	-	0	0	2	1	1	1	0	0	0.075434	0.04852
lincRNA	-	21	20	21	20	32	20	0.466678	0.569951	0.563074	0.689856
antisense	BDNF_antis	19	9	4	19	12	16	0.383352	0.232861	0.097376	0.595016
antisense	DACT3_ant	8	6	6	3	1	3	0.287669	0.276671	0.260317	0.167438
processed_	DDX11_ant	11	12	9	38	31	31	0.253959	0.355272	0.250704	1.36171
antisense	-	1	0	0	7	3	0	0.016569	0	0	0.180021
lincRNA	-	5	10	6	8	10	2	0.066852	0.171457	0.096793	0.166022
lincRNA	-	0	0	0	2	0	0	0	0	0	0.155346
antisense	-	1	2	3	0	0	2	0.083732	0.214749	0.303083	0
protein_co	zinc_finger_	54	32	43	58	58	76	0.407739	0.309848	0.391747	0.679747
lincRNA	-	13	5	14	1	5	5	0.622646	0.307098	0.809047	0.074341
sense_intro	-	1	0	1	2	2	2	0.032161	0	0.038804	0.099835
antisense	colorectal_	135	102	97	27	31	24	8.612452	8.344543	7.466427	2.673544
antisense	NADKD1_a	35	43	43	1	5	2	2.279376	3.591085	3.378815	0.101083
lincRNA	-	1	1	1	0	5	0	0.02361	0.030277	0.028487	0
antisense	-	10	8	6	4	2	6	0.109047	0.111869	0.078943	0.067702
lincRNA	-	0	0	2	5	4	2	0	0	0.083322	0.267967
lincRNA	-	1	1	1	1	1	1	0.020422	0.026189	0.024641	0.031699
processed_	-	92	78	69	0	0	0	1.619325	1.760557	1.465357	0
lincRNA	-	2	0	2	0	0	0	0.06713	0	0.080996	0
protein_co	CCAAT/enh	0	0	0	2	3	1	0	0	0	0.055325
processed_	-	100	78	86	111	180	52	4.07385	4.074825	4.227188	7.01873
processed_	-	9	6	5	5	10	5	0.380189	0.325026	0.254845	0.327837
antisense	-	0	0	1	0	0	0	0	0	0.122193	0
antisense	-	0	1	0	1	0	0	0	0.036531	0	0.044216
protein_co	HCG18159	0	0	2	6	0	5	0	0	0.04362	0.168342
antisense	-	11	10	3	16	12	18	0.090505	0.105509	0.029782	0.20433
processed_	small_nucl	407	289	335	643	845	583	29.45098	26.81715	29.24814	72.21823
antisense	-	3	2	2	0	1	0	0.083484	0.071371	0.067152	0
processed_	-	135	83	113	39	62	25	2.126353	1.676444	2.147475	0.953447
processed_	-	0	1	0	0	0	0	0	0.03777	0	0
pseudogen	-	188	162	148	116	125	79	3.710153	4.099759	3.524063	3.553223
antisense	-	5	2	0	5	18	9	0.117873	0.060462	0	0.182956
processed_	-	4	5	0	7	2	12	0.134355	0.215365	0	0.364942
processed_	ALDH1L1_a	0	0	1	1	2	0	0	0	0.024344	0.031317
lincRNA	-	33	29	23	42	52	40	1.799268	2.027633	1.513066	3.554362
pseudogen	-	2	1	2	14	17	0	0.042473	0.027233	0.051246	0.461466
lincRNA	-	0	0	0	1	9	2	0	0	0	0.065273
processed_	-	89	76	82	169	214	102	1.72947	1.893852	1.922582	5.097301
processed_	-	51	27	47	32	25	24	0.495625	0.336478	0.551098	0.482685
lincRNA	-	0	0	1	0	0	0	0	0	0.044795	0
lincRNA	-	10	7	10	7	9	3	0.14115	0.126703	0.170306	0.153359
processed_	-	1	4	6	18	27	6	0.017788	0.091244	0.128776	0.496979
processed_	-	2	0	0	1	4	7	0.02148	0	0	0.01667
processed_	-	37	17	20	51	39	18	0.969777	0.571384	0.632482	2.074774
pseudogen	-	9	15	9	16	12	16	0.168467	0.360059	0.203265	0.464861
processed_	-	0	2	0	2	0	0	0	0.07184	0	0.086953
antisense	-	3	1	5	0	0	0	0.06933	0.029635	0.139417	0
antisense	-	2	0	4	1	2	0	0.066042	0	0.159368	0.051253
antisense	-	15	15	26	22	19	11	0.321165	0.411848	0.671673	0.731121
antisense	-	21	22	17	120	138	71	0.480806	0.645926	0.469621	4.264441
processed_	SBF2_antis	5	8	7	13	25	12	0.086545	0.17757	0.14619	0.349257
processed_	-	7	7	12	11	14	19	0.14057	0.180261	0.290752	0.34286
antisense	-	0	0	0	3	0	1	0	0	0	0.368817
processed_	-	2	0	0	3	3	7	0.074844	0	0	0.174253
processed_	-	0	2	0	2	2	0	0	0.077487	0	0.093788
processed_	PRR7_antis	13	8	8	16	26	9	0.822632	0.649175	0.610802	1.571494
processed_	EXTL3_anti	2	7	10	12	18	10	0.025428	0.114129	0.153404	0.236811
processed_	-	0	1	0	7	1	0	0	0.020922	0	0.177265
lincRNA	-	205	187	168	1	0	1	3.26843	3.823282	3.231787	0.024747
protein_co	Uncharacte	7	7	7	3	4	6	0.088329	0.113269	0.106574	0.058757

processed_	-	1	0	0	0	0	0	0.028349	0	0	0
processed_	-	0	0	0	3	2	4	0	0	0	0.081531
lincRNA	-	0	1	0	0	0	0	0	0.052241	0	0
antisense	-	6	5	2	3	0	1	0.113444	0.121229	0.045625	0.08804
lincRNA	-	1	0	0	0	0	0	0.019818	0	0	0
antisense	-	0	1	1	0	1	0	0	0.106236	0.099957	0
antisense	-	172	144	179	81	111	67	5.744361	6.167159	7.212974	4.198835
lincRNA	-	5	3	4	91	94	92	0.094498	0.072708	0.091214	2.669473
antisense	-	19	20	25	12	19	19	0.152292	0.205572	0.241776	0.149292
processed_	-	6	4	4	5	9	5	0.230041	0.196663	0.185038	0.297546
processed_	-	0	0	1	0	2	0	0	0	0.031068	0
processed_	-	1	2	1	5	9	3	0.05663	0.145241	0.068328	0.439492
processed_	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	1	2	2	1	0	0	0.019349	0.049781
antisense	-	11	10	7	8	16	9	0.584134	0.680972	0.448503	0.659387
pseudogen	-	28	24	23	7	11	4	1.864944	2.049879	1.848347	0.723663
processed_	-	24	18	24	23	16	13	0.571249	0.549409	0.689245	0.849713
pseudogen	-	56	39	34	23	19	7	3.07836	2.749193	2.255061	1.96241
antisense	CACNA1C_	4	5	2	3	8	8	0.085605	0.13722	0.051644	0.099653
processed_	-	2	1	0	2	1	0	0.037023	0.023739	0	0.057465
processed_	long_interg	7	3	5	2	3	1	0.171489	0.094247	0.147794	0.07605
antisense	-	162	131	114	50	82	74	2.910415	3.018009	2.471114	1.394249
protein_co	H2A_histor	865	719	730	812	1206	819	11.06681	11.79627	11.26879	16.12475
antisense	-	7	10	1	11	11	4	0.13124	0.240423	0.022621	0.320103
antisense	-	1	1	0	0	2	0	0.018764	0.024062	0	0
antisense	-	48	35	42	6	9	16	1.106549	1.034682	1.168226	0.21469
lincRNA	-	10	7	7	1	2	0	0.240338	0.21574	0.202987	0.037304
lincRNA	-	7	5	1	2	3	11	0.113417	0.103887	0.019549	0.050297
processed_	-	0	0	0	1	3	8	0	0	0	0.025027
processed_	-	2	1	2	50	142	67	0.027003	0.017314	0.03258	1.047794
antisense	-	3	2	3	2	4	2	0.045613	0.038995	0.055035	0.047198
processed_	STARD4_an	486	436	493	129	184	170	4.124624	4.745084	5.048276	1.699293
processed_	-	2	2	0	3	4	3	0.019493	0.024997	0	0.045383
lincRNA	-	0	0	0	0	4	4	0	0	0	0
antisense	DNM1_pse	2	0	1	4	8	6	0.029417	0	0.017746	0.091317
antisense	-	15	13	16	22	18	28	0.270311	0.300418	0.347889	0.615356
lincRNA	-	16	8	14	0	0	1	0.349437	0.224051	0.368913	0
protein_co	ubiquitin_	72	55	59	85	107	60	0.45765	0.448304	0.452481	0.838591
processed_	-	5	3	5	9	15	3	0.19061	0.146658	0.229982	0.532535
processed_	SOCS2_anti	44	36	41	61	65	44	0.620499	0.651029	0.697623	1.335208
lincRNA	-	0	0	0	0	2	1	0	0	0	0
protein_co	phosphogly	571	501	498	943	1290	1211	9.764478	10.98652	10.2752	25.02967
processed_	-	47	46	39	5	8	14	1.628848	2.044324	1.63078	0.268957
antisense	small_nucl	62	58	50	50	89	92	1.898877	2.277941	1.847665	2.376871
processed_	MIR210_ho	53	50	38	157	136	42	1.264718	1.53002	1.094081	5.814976
protein_co	Uncharacte	14	14	12	17	14	8	0.29241	0.374974	0.302408	0.551117
processed_	-	73	59	58	93	113	92	4.644466	4.813647	4.452346	9.183883
processed_	-	43	24	25	34	32	41	0.878549	0.628808	0.616291	1.078219
antisense	CSTF3_anti	3	1	1	4	1	0	0.069261	0.029606	0.027856	0.143338
processed_	-	23	16	20	3	1	0	0.293621	0.261932	0.308062	0.059444
processed_	-	0	0	0	3	0	0	0	0	0	0.150787
processed_	-	1	2	2	6	2	0	0.023064	0.059154	0.055657	0.214795
processed_	-	1	0	0	1	0	3	0.015714	0	0	0.02439
antisense	-	99	103	119	148	164	205	2.070523	2.76243	3.002893	4.804376
antisense	-	50	24	39	53	74	54	1.454405	0.895233	1.368762	2.392884
processed_	-	26	21	27	18	13	15	1.13832	1.179016	1.426273	1.22319
processed_	-	0	0	0	3	2	1	0	0	0	0.048531
antisense	-	0	0	1	0	0	0	0	0	0.077395	0
processed_	-	2	0	0	6	8	0	0.052656	0	0	0.245187
antisense	-	0	1	0	1	1	0	0	0.021529	0	0.026058
antisense	-	3	2	5	1	0	0	0.192963	0.164965	0.388035	0.099835
lincRNA	-	0	1	2	6	9	5	0	0.034697	0.065292	0.251979
antisense	-	1	1	1	0	0	0	0.088975	0.114098	0.107354	0
lincRNA	-	25	17	21	12	16	8	0.601154	0.524208	0.609275	0.447876
processed_	DNAJC3_an	34	31	25	30	35	27	0.548233	0.640999	0.486378	0.750823

lincRNA	-	3	1	1	3	0	2	0.35977	0.153785	0.144694	0.558413
antisense	-	9	9	10	0	1	1	0.218206	0.279818	0.292531	0
antisense	CARS_antis	3	2	2	6	9	3	0.052804	0.045142	0.042474	0.163918
antisense	-	10	4	6	3	1	0	0.268557	0.137754	0.194418	0.125051
processed_	-	0	0	1	0	0	0	0	0	0.056294	0
processed_	OIP5_antis	3707	2990	3147	3303	4345	2753	19.68754	20.36336	20.16572	27.22751
processed_	-	63	60	48	59	72	35	1.199379	1.464794	1.102568	1.743406
processed_	SPTY2D1_a	7	24	21	5	16	6	0.225743	0.992514	0.817115	0.250274
protein_co	twinfilin_a	829	589	600	260	441	264	24.00977	21.87551	20.96683	11.68792
processed_	-	1	0	0	0	0	2	0.025963	0	0	0
protein_co	methionyl-	103	91	78	655	837	562	1.595531	1.807668	1.457843	15.74852
pseudogen	MT-ND4_ps	7	3	4	3	5	7	0.238366	0.131002	0.164344	0.158562
processed_	LRP4_antis	5	3	7	13	12	4	0.155884	0.11994	0.263317	0.629081
antisense	-	48	44	58	25	36	13	1.285392	1.510971	1.874003	1.039118
antisense	-	0	0	0	0	3	0	0	0	0	0
processed_	-	20	14	18	35	52	41	1.295304	1.162731	1.406573	3.518361
antisense	-	4	1	3	1	2	2	0.193361	0.061989	0.174976	0.075031
pseudogen	-	1	0	0	10	11	0	0.230985	0	0	3.585212
antisense	-	19	12	18	45	61	25	0.505624	0.409511	0.577956	1.858735
protein_co	ubiquitin_s	64	44	53	120	189	128	0.680953	0.600343	0.680395	1.981751
lincRNA	-	1	2	1	3	2	1	0.021698	0.05565	0.02618	0.101036
processed_	PCED1B_ar	3	6	0	10	2	2	0.056403	0.144659	0	0.29182
processed_	-	1	0	0	0	0	0	0.017721	0	0	0
processed_	-	19	10	12	18	17	21	0.284001	0.191679	0.216419	0.417608
antisense	NR2F2_ant	95	100	98	0	0	0	2.308058	3.115533	2.872746	0
processed_	TMEM161E	81	67	87	86	114	60	3.449674	3.659125	4.470544	5.684889
antisense	-	6	7	6	7	6	5	0.128115	0.191671	0.154578	0.231994
pseudogen	signal_pept	0	0	0	0	0	1	0	0	0	0
processed_	-	3	0	1	3	3	0	0.089656	0	0.036058	0.139158
antisense	-	140	119	137	143	161	86	2.575364	2.807158	3.040739	4.082978
pseudogen	high_mobil	2	7	0	0	1	1	0.480923	2.158506	0	0
antisense	-	5	4	3	0	0	0	0.333026	0.341647	0.241089	0
antisense	-	3	5	5	2	3	2	0.190352	0.406832	0.382784	0.196968
processed_	SEC24B_an	21	7	21	19	13	16	0.687153	0.293725	0.82909	0.96498
lincRNA	-	0	1	0	1	3	0	0	0.057873	0	0.070048
lincRNA	-	38	24	37	18	27	41	0.704277	0.570401	0.827389	0.517801
antisense	-	120	69	76	75	95	104	2.959917	2.182512	2.26183	2.871376
antisense	-	3	3	7	7	7	5	0.039392	0.050515	0.110901	0.142666
antisense	FAM13A_a	17	9	12	7	4	0	0.248327	0.168588	0.211497	0.15871
processed_	-	4	2	9	4	14	12	0.100568	0.064482	0.273019	0.156096
processed_	-	151	87	136	30	52	51	2.734798	2.020584	2.971908	0.843335
processed_	-	52	54	72	57	44	83	0.727411	0.968678	1.215226	1.237604
protein_co	Uncharacte	0	1	0	0	0	0	0	0.019554	0	0
lincRNA	ATPBD4_ar	0	1	0	0	3	1	0	0.040711	0	0
processed_	-	76	44	51	30	37	27	3.426578	2.543953	2.774376	2.099417
protein_co	branched_(	2	6	3	4	2	2	0.044593	0.171554	0.080707	0.13843
protein_co	insulin-like	0	1	0	6	7	4	0	0.066885	0	0.485738
lincRNA	-	14	5	13	0	1	3	0.248753	0.113925	0.278697	0
lincRNA	-	78	64	91	33	71	66	6.66197	7.009667	9.377725	4.374742
pseudogen	-	0	0	1	0	0	0	0	0	0.187958	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	1	0	0	3	0	0	0.03698	0	0	0.172192
antisense	-	1	1	0	2	1	0	0.018629	0.023889	0	0.057831
pseudogen	SMAD_spec	58	32	34	38	43	11	4.771265	3.375708	3.374679	4.851987
pseudogen	RNA_polym	101	72	90	47	75	100	1.815909	1.660025	1.952376	1.311599
lincRNA	-	0	1	0	1	0	0	0	0.091942	0	0.111284
pseudogen	-	0	0	0	0	0	1	0	0	0	0
processed_	cancer/test	0	0	0	154	188	170	0	0	0	8.497414
antisense	-	2	1	2	0	0	0	0.215586	0.138229	0.260117	0
lincRNA	-	1	1	0	0	0	0	0.080567	0.103316	0	0
antisense	-	0	0	1	1	7	3	0	0	0.048108	0.061888
pseudogen	heat_shock	0	2	0	0	0	0	0	0.063361	0	0
processed_	-	6	8	8	8	2	1	0.418039	0.714767	0.672517	0.865139
processed_	-	0	1	1	0	0	0	0	0.045278	0.042602	0
lincRNA	-	63	43	39	51	40	51	1.324102	1.158934	0.988994	1.663725

pseudogen	glyceraldeh	0	2	2	3	2	0	0	0.120864	0.11372	0.219437
pseudogen	-	1	0	0	0	0	0	0.1563	0	0	0
lincRNA	-	11	11	13	0	0	0	0.3178	0.407534	0.453162	0
pseudogen	-	0	0	0	0	4	0	0	0	0	0
antisense	ATG10_ant	2	0	0	0	1	0	0.144722	0	0	0
pseudogen	-	2	1	4	3	3	4	0.105253	0.067486	0.253987	0.24505
pseudogen	-	0	0	0	0	0	2	0	0	0	0
processed_	-	2	7	8	2	5	1	0.064277	0.288491	0.310215	0.099767
lincRNA	-	12	6	7	0	1	0	0.798128	0.511743	0.561743	0
sense_intrc	-	1	1	0	1	1	8	0.075386	0.096672	0	0.117009
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	capicua_tra	28	21	15	14	18	20	0.466733	0.448889	0.301682	0.362217
lincRNA	-	3	1	1	21	24	13	0.178515	0.076307	0.071796	1.939563
pseudogen	-	0	2	0	0	0	0	0	0.102786	0	0
sense_intrc	STX18_intr	1	0	2	0	1	0	0.086513	0	0.208766	0
antisense	-	2	2	2	0	2	1	0.062982	0.080765	0.075991	0
lincRNA	-	0	0	1	0	0	0	0	0	0.113151	0
pseudogen	-	1	1	0	0	0	0	0.089656	0.114971	0	0
pseudogen	keratin_8_p	0	2	0	0	1	1	0	0.082709	0	0
pseudogen	-	1	0	0	0	0	0	0.174312	0	0	0
antisense	-	5	2	1	0	0	1	0.45791	0.234882	0.110499	0
processed_	-	0	2	0	0	0	0	0	0.209147	0	0
lincRNA	-	0	0	0	6	5	0	0	0	0	0.612453
antisense	-	0	0	0	1	0	1	0	0	0	0.127684
pseudogen	-	0	0	0	1	1	0	0	0	0	0.171247
antisense	-	5	5	8	0	0	0	0.3901	0.500248	0.753085	0
antisense	OCIAD1_an	1	2	5	3	3	6	0.176943	0.45381	1.067462	0.823922
lincRNA	-	3	0	1	3	4	0	0.035685	0	0.014352	0.055388
sense_intrc	-	3	0	1	0	0	0	0.491853	0	0.197816	0
antisense	-	1	0	0	22	10	4	0.082991	0	0	2.833904
antisense	-	165	106	116	103	119	80	9.587178	7.89809	8.132291	9.28912
pseudogen	-	5	5	3	4	1	4	0.317683	0.407383	0.229982	0.39447
lincRNA	-	0	0	1	0	0	0	0	0	0.028175	0
pseudogen	-	3	1	1	6	8	9	0.395141	0.168904	0.15892	1.226626
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	0	0	3	8	1	0	0	0	0.225324
processed_	-	0	0	0	0	0	2	0	0	0	0
pseudogen	-	10	4	10	2	2	3	0.636228	0.326349	0.767646	0.197503
pseudogen	tenascin_X	0	0	0	2	2	2	0	0	0	0.071423
processed_	-	22	10	10	22	17	5	0.58813	0.342815	0.322551	0.91286
antisense	-	9	0	5	4	2	4	0.213893	0	0.143374	0.147552
lincRNA	-	0	0	0	0	0	1	0	0	0	0
processed_	-	1	2	1	1	0	0	0.017549	0.045007	0.021173	0.027238
processed_	-	76	49	64	164	154	472	1.369578	1.132344	1.391557	4.587197
protein_co	cyclin-depe	849	622	641	946	1207	937	16.69867	15.68823	15.21179	28.8799
pseudogen	WAS_prote	31	27	32	8	15	1	0.490746	0.548111	0.611214	0.196569
pseudogen	-	1	2	0	0	4	4	0.063109	0.161857	0	0
pseudogen	-	0	0	0	0	0	2	0	0	0	0
antisense	-	1	0	4	6	8	9	0.06294	0	0.303761	0.586146
processed_	long_interg	0	0	0	0	1	2	0	0	0	0
antisense	-	13	11	11	40	40	24	1.551069	1.683022	1.583538	7.407613
lincRNA	-	0	1	0	0	0	0	0	0.101229	0	0
pseudogen	-	1	2	0	8	12	12	0.062437	0.160133	0	0.775284
protein_co	protocadhe	116	112	80	96	152	115	1.026466	1.270907	0.854131	1.318524
antisense	-	3	3	4	0	0	0	0.423705	0.543342	0.681633	0
lincRNA	-	0	0	0	1	1	0	0	0	0	0.162093
pseudogen	FOS-like_an	1	6	7	4	9	6	0.057463	0.442131	0.485329	0.356764
sense_intrc	-	0	0	0	2	2	0	0	0	0	0.661635
pseudogen	-	1	0	1	1	0	0	0.045613	0	0.055035	0.070797
pseudogen	-	0	0	0	0	1	0	0	0	0	0
protein_co	PRR5-ARHG	0	0	0	4	3	1	0	0	0	0.142496
lincRNA	-	0	0	0	0	1	1	0	0	0	0
pseudogen	-	0	0	0	1	1	0	0	0	0	0.115707
pseudogen	glyceraldeh	4	1	6	1	8	6	0.186627	0.059831	0.337764	0.072418
antisense	-	5	2	0	0	2	6	0.412039	0.211353	0	0

pseudogen	-	1	1	3	2	1	1	0.07225	0.09265	0.26152	0.224283
processed_	-	6	11	12	0	0	1	0.096448	0.226749	0.232741	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.242599
lincRNA	-	0	0	2	0	0	0	0	0	0.081757	0
antisense	-	84	53	70	104	167	188	4.569329	3.697076	4.594299	8.780858
pseudogen	protocadhe	9	9	6	9	7	4	0.178289	0.22863	0.143411	0.276729
pseudogen	-	0	0	0	3	2	3	0	0	0	0.377097
lincRNA	-	0	0	2	0	0	0	0	0	0.164703	0
lincRNA	-	1	0	1	0	0	0	0.060896	0	0.073475	0
lincRNA	-	2	0	0	0	0	0	0.347333	0	0	0
protein_co	Uncharacte	10	7	12	0	1	0	0.405623	0.364108	0.587289	0
pseudogen	-	0	0	1	0	0	0	0	0	0.084821	0
antisense	-	0	0	0	1	1	1	0	0	0	0.126574
pseudogen	DEAD/H_(A	0	0	0	0	1	0	0	0	0	0
antisense	-	0	0	1	3	3	0	0	0	0.088261	0.340623
sense_intro	BACH1_int	25	12	14	8	7	8	1.427832	0.878876	0.964747	0.709182
pseudogen	-	4	2	3	3	2	3	0.1748	0.112078	0.158179	0.203485
lincRNA	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	2	3	1	0	0	0	0.243585	0.468544	0.146949	0
protein_co	POU_doma	1	2	1	0	1	3	0.03515	0.09015	0.04241	0
protein_co	Purkinje_ce	0	0	0	11	24	11	0	0	0	0.562204
protein_co	abhydrolas	102	73	97	37	44	21	4.495096	4.125447	5.157729	2.530877
processed_	-	6	8	8	0	3	0	0.588578	1.006356	0.94687	0
lincRNA	-	0	1	1	0	0	0	0	0.122464	0.115225	0
lincRNA	-	0	5	0	0	0	0	0	0.466122	0	0
sense_intro	LNX1_antis	2	0	0	2	1	4	0.149331	0	0	0.231783
pseudogen	-	4	4	5	3	2	6	0.079374	0.101786	0.119711	0.092399
processed_	-	22	18	23	65	80	27	0.445222	0.467128	0.561604	2.041729
protein_co	HCG20457	0	0	0	15	23	10	0	0	0	1.844083
antisense	-	2	2	2	1	3	0	0.205658	0.263727	0.248138	0.159605
lincRNA	-	0	1	1	0	0	0	0	0.042465	0.039954	0
pseudogen	-	0	0	0	2	3	0	0	0	0	0.145851
pseudogen	SET_bindin	0	0	0	1	0	1	0	0	0	0.012925
pseudogen	mitochond	1376	942	1000	2440	3212	2145	94.744	83.17514	83.0771	260.7676
pseudogen	-	0	0	0	1	6	1	0	0	0	0.09929
lincRNA	-	0	0	2	0	0	0	0	0	0.232343	0
antisense	-	0	1	1	0	0	0	0	0.153785	0.144694	0
lincRNA	-	8	15	17	5	3	4	0.536653	1.290339	1.375942	0.520599
lincRNA	-	1	0	0	0	0	0	0.086833	0	0	0
protein_co	HCG20047	16	6	9	179	299	180	0.25658	0.123385	0.174138	4.455398
pseudogen	nucleopho	0	0	0	0	2	2	0	0	0	0
antisense	-	16	11	7	4	7	0	0.388323	0.342354	0.204984	0.150683
pseudogen	acidic_(leu	0	0	0	0	0	2	0	0	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
antisense	OTX2_antis	0	0	0	1	0	0	0	0	0	0.029975
antisense	-	7	3	1	1	3	4	0.573829	0.315366	0.098908	0.127237
processed_	-	0	0	0	0	2	1	0	0	0	0
pseudogen	-	5	1	5	0	0	0	0.444034	0.113882	0.535753	0
antisense	-	12	2	7	11	10	9	1.082077	0.231268	0.761593	1.539573
pseudogen	-	0	0	0	1	0	1	0	0	0	0.046386
pseudogen	-	2	1	2	2	8	5	0.192567	0.12347	0.232343	0.29889
pseudogen	-	0	0	1	0	0	0	0	0	0.046373	0
pseudogen	-	6	1	2	0	4	4	0.300577	0.064241	0.120888	0
antisense	-	1	0	0	0	1	0	0.019776	0	0	0
antisense	EGFLAM_ar	3	0	2	0	0	0	0.260983	0	0.209928	0
antisense	-	0	0	0	2	2	0	0	0	0	0.36119
pseudogen	-	1	1	0	0	0	0	0.069985	0.089746	0	0
pseudogen	-	0	1	1	1	5	2	0	0.076017	0.071524	0.09201
pseudogen	-	0	2	0	0	0	0	0	0.059183	0	0
lincRNA	GDNF_anti	30	30	24	19	10	6	0.482904	0.619256	0.466122	0.474705
pseudogen	glycine_del	1	0	0	5	12	9	0.017509	0	0	0.135885
protein_co	TMEM110-	7	2	4	8	15	4	0.062165	0.022776	0.04286	0.110272
pseudogen	destrin_(ac	68	61	49	36	42	35	2.88554	3.319382	2.508778	2.371107
processed_	-	4	6	6	3	5	4	0.051641	0.099333	0.093462	0.060115
lincRNA	-	0	0	0	3	0	0	0	0	0	0.445591

lincRNA	-	0	1	0	0	1	1	0	0.030867	0	0
processed_	-	48	48	40	9	16	3	0.863006	1.106683	0.867722	0.251157
lincRNA	-	0	0	0	126	123	79	0	0	0	14.37344
antisense	-	1	0	1	1	0	0	0.12372	0	0.149276	0.192031
pseudogen	-	0	0	2	0	0	0	0	0	0.067392	0
pseudogen	heat_shock	9	5	6	0	0	0	0.219797	0.156588	0.176798	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.279922
pseudogen	-	0	0	1	0	0	0	0	0	0.079127	0
pseudogen	-	0	0	0	0	0	2	0	0	0	0
sense_intrc	-	0	0	0	0	4	2	0	0	0	0
pseudogen	glyceraldeh	2	1	0	0	0	0	0.093221	0.059771	0	0
antisense	-	0	0	0	1	0	3	0	0	0	0.208538
antisense	-	5	3	2	0	0	1	0.87809	0.675616	0.423787	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	2	2	1	2	1	0	0.084929	0.079909	0.051398
lincRNA	-	0	0	0	3	3	2	0	0	0	0.314157
pseudogen	high_mobil	4	14	9	6	6	6	0.578889	2.598201	1.571542	1.347774
pseudogen	-	2	2	3	2	0	3	0.379676	0.486881	0.687152	0.58931
lincRNA	-	0	0	0	24	13	11	0	0	0	2.830981
antisense	-	0	3	5	1	1	0	0	0.190686	0.299025	0.076934
processed_	-	8	2	3	7	5	2	0.494229	0.158445	0.223619	0.671223
processed_	OXCT1_ant	2	2	0	8	10	3	0.187936	0.241001	0	1.16681
processed_	-	9	6	5	16	16	13	0.194924	0.166641	0.130659	0.537865
processed_	-	4	0	5	0	0	0	0.055755	0	0.08409	0
sense_intrc	ARHGAP22	1	1	0	0	0	0	0.099766	0.127936	0	0
antisense	HAS2_antis	8	14	19	0	1	17	0.226522	0.508344	0.649115	0
processed_	-	5	7	15	1	2	1	0.386881	0.694569	1.400384	0.120099
antisense	-	0	2	0	1	0	0	0	0.270855	0	0.163918
pseudogen	-	0	0	1	0	0	1	0	0	0.152907	0
pseudogen	TOX_high_r	0	0	0	0	0	1	0	0	0	0
processed_	-	0	0	0	1	0	0	0	0	0	0.036683
pseudogen	-	2	1	0	0	0	0	0.063365	0.040628	0	0
protein_co	coiled-coil_	21	21	13	38	39	26	0.578889	0.742343	0.432382	1.625886
protein_co	Protein_LO	0	0	2	0	0	0	0	0	0.011219	0
lincRNA	-	0	1	4	6	2	2	0	0.10005	0.376542	0.726587
antisense	-	8	6	4	0	0	0	0.662756	0.637418	0.399827	0
processed_	-	0	0	3	0	0	0	0	0	0.36658	0
processed_	NPHP3_ant	0	0	0	1	1	1	0	0	0	0.024488
protein_co	Uncharacte	1	0	0	0	0	0	0.071479	0	0	0
pseudogen	-	0	0	2	0	0	0	0	0	0.195088	0
antisense	EGFLAM_ar	1	0	0	2	1	1	0.029696	0	0	0.092185
pseudogen	-	0	0	0	0	0	6	0	0	0	0
antisense	-	2	3	6	6	3	0	0.094441	0.181661	0.341846	0.439757
pseudogen	R3H_doma	2	1	1	0	1	1	0.047847	0.030678	0.028865	0
antisense	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	2	1	4	10	12	11	0.177951	0.114098	0.429416	1.381021
polymorph	actinin_alp	2	12	3	660	792	269	0.030409	0.233968	0.055035	15.57544
pseudogen	-	0	0	0	2	2	3	0	0	0	0.3271
lincRNA	-	0	0	0	1	0	0	0	0	0	0.168472
antisense	-	0	1	0	0	1	1	0	0.311553	0	0
antisense	-	0	0	0	1	0	0	0	0	0	0.138893
sense_intrc	-	1	2	1	2	2	3	0.119313	0.306004	0.143958	0.370381
antisense	-	8	13	6	24	21	7	0.72	1.50036	0.651541	3.35262
lincRNA	-	4	4	3	0	0	0	0.317361	0.40697	0.287185	0
pseudogen	-	0	0	0	7	13	7	0	0	0	0.847685
pseudogen	HIG1_hypo	1	1	1	1	0	0	0.166277	0.213226	0.200622	0.258084
lincRNA	-	12	8	4	4	4	0	1.317752	1.126554	0.529981	0.681778
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	1	2	1	0	1	1	0.173667	0.445406	0.209539	0
pseudogen	-	0	1	2	2	0	0	0	0.04857	0.091398	0.117576
protein_co	HCG17875	0	0	0	16	17	12	0	0	0	0.727798
pseudogen	-	0	0	0	1	0	2	0	0	0	0.234774
lincRNA	-	84	72	61	3	4	12	1.387376	1.524954	1.215606	0.076907
antisense	-	3	0	0	0	0	0	0.271564	0	0	0
pseudogen	-	0	0	0	1	2	2	0	0	0	0.04618

processed_	-	1	0	0	0	0	0	0.056358	0	0	0
processed_	-	56	29	38	54	53	29	0.705492	0.468502	0.577611	1.055913
protein_co	CDNA:_FLJ	72	80	57	165	173	110	1.266822	1.805022	1.210058	4.506066
pseudogen	-	4	2	4	2	4	1	0.578889	0.371172	0.698463	0.449258
pseudogen	-	0	0	1	0	1	3	0	0	0.071979	0
lincRNA	-	2	5	3	0	0	0	0.053436	0.17131	0.09671	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
pseudogen	pro-platele	0	0	0	0	0	1	0	0	0	0
pseudogen	-	2	0	0	0	2	0	0.131714	0	0	0
processed_	-	3	4	7	2	0	0	0.032851	0.05617	0.092487	0.033993
lincRNA	-	0	0	0	6	15	11	0	0	0	0.779784
pseudogen	-	7	8	3	7	4	3	0.329218	0.482486	0.170237	0.510992
processed_	-	0	1	0	1	2	0	0	0.137912	0	0.166926
antisense	USP46_ant	33	26	29	5	13	15	1.476499	1.49177	1.565544	0.347232
lincRNA	-	0	0	0	1	0	2	0	0	0	0.114434
lincRNA	-	0	0	0	1	0	0	0	0	0	0.020211
pseudogen	SERPINE1_	3	1	0	2	5	0	0.150934	0.064517	0	0.15618
protein_co	chromosor	0	2	0	0	0	0	0	0.060615	0	0
pseudogen	-	3	0	0	3	2	1	0.110677	0	0	0.171786
processed_	HHIP_antis	63	61	53	1	3	10	2.700248	3.352758	2.740861	0.066526
processed_	-	1	0	5	0	5	9	0.057113	0	0.344552	0
antisense	-	0	0	1	0	0	3	0	0	0.095406	0
pseudogen	-	0	0	1	0	0	0	0	0	0.221865	0
protein_co	formin_1	427	316	333	83	115	101	1.620562	1.537921	1.52486	0.488929
pseudogen	high_mobil	6	2	5	3	2	6	0.484234	0.206987	0.48688	0.375799
lincRNA	-	0	0	1	0	0	0	0	0	0.059742	0
pseudogen	nucleopori	0	3	0	1	0	3	0	0.464921	0	0.187577
protein_co	ATP5J2-PTC	0	1	2	0	2	1	0	0.024139	0.045424	0
pseudogen	MT-ND5_ps	7	1	4	17	15	13	0.181142	0.033184	0.124891	0.682813
antisense	-	7	2	2	1	0	1	0.628793	0.230382	0.216764	0.139425
pseudogen	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	4	3	0	11	3	2	0.168366	0.161929	0	0.718652
processed_	-	32	32	17	31	28	25	2.492493	3.196268	1.597647	3.747797
antisense	-	0	1	0	0	1	3	0	0.112603	0	0
lincRNA	-	1	2	0	0	0	0	0.083882	0.215133	0	0
processed_	-	1	0	0	4	4	0	0.02582	0	0	0.160308
pseudogen	high_mobil	1	0	0	0	0	0	0.081976	0	0	0
pseudogen	zinc_finger	2	2	2	0	1	0	0.034189	0.043842	0.041251	0
lincRNA	-	2	5	1	1	2	0	0.05023	0.161033	0.030303	0.038982
pseudogen	-	0	1	0	0	0	0	0	0.021849	0	0
antisense	-	3	1	6	4	0	2	0.204462	0.087398	0.493391	0.423138
antisense	-	0	0	0	0	0	1	0	0	0	0
pseudogen	keratin_8_	15	12	16	9	8	11	0.493233	0.506001	0.634788	0.45934
lincRNA	-	0	0	0	1	6	2	0	0	0	0.100943
lincRNA	-	0	1	0	0	0	0	0	0.065217	0	0
pseudogen	late_endos	0	1	0	2	7	3	0	0.25918	0	0.627412
antisense	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	1	0	0	0	0	0	0.065398	0	0	0
lincRNA	-	0	0	0	5	5	3	0	0	0	0.506823
antisense	-	3	4	5	1	3	2	0.324125	0.554192	0.651792	0.167695
pseudogen	-	0	0	0	0	2	0	0	0	0	0
antisense	-	1	0	1	1	3	0	0.057113	0	0.06891	0.088648
pseudogen	-	0	0	2	0	0	0	0	0	0.189216	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.038305
pseudogen	-	3	4	5	11	7	5	0.289445	0.494895	0.582053	1.647279
pseudogen	ferritin_hea	0	0	0	0	0	2	0	0	0	0
pseudogen	high_mobil	3	0	0	1	1	2	0.369213	0	0	0.191023
antisense	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	2	3	0	2	1	3	0.32676	0.628534	0	0.507176
sense_intro	-	5	5	1	1	2	2	1.711314	2.194518	0.41296	0.531239
lincRNA	-	0	0	0	1	0	0	0	0	0	0.129501
pseudogen	-	0	0	1	0	0	0	0	0	0.452604	0
antisense	-	4	5	0	3	0	0	0.089828	0.143989	0	0.104569
pseudogen	SMT3_supp	0	0	0	0	0	2	0	0	0	0
protein_co	Uncharacte	7	3	3	15	10	8	0.113811	0.062548	0.058851	0.378536

processed_	-	17	19	21	1	0	0	0.404019	0.57905	0.602172	0.036888
antisense	-	0	0	0	0	0	1	0	0	0	0
antisense	-	118	72	71	30	29	11	4.807143	3.761377	3.489888	1.896954
processed_	-	78	70	82	50	45	38	6.674127	7.680813	8.465678	6.640493
pseudogen	cytochrom	0	0	1	2	0	0	0	0	0.227211	0.584577
pseudogen	-	0	0	0	9	1	0	0	0	0	0.827043
sense_intrc	MAST4_int	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	2	5	0	0	0	0	0.199767	0.469896	0
pseudogen	proliferatir	2	0	0	0	0	0	0.124707	0	0	0
pseudogen	-	1	0	0	0	1	1	0.082991	0	0	0
antisense	-	6	1	5	3	6	3	0.373626	0.079854	0.375667	0.289959
protein_co	chromosor	52	52	36	10	23	2	0.957315	1.22762	0.799654	0.285747
pseudogen	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	0	0	2	1	0	0	0	0
lincRNA	-	1	1	0	1	0	0	0.022985	0.029475	0	0.035676
pseudogen	-	0	0	0	1	2	2	0	0	0	0.127237
lincRNA	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	1	1	0	3	1	0	0.072271	0.067999	0
sense_intrc	-	0	0	0	2	0	0	0	0	0	0.371326
protein_co	HAUS_augn	484	384	395	495	663	678	5.086232	5.174774	5.008365	8.073958
antisense	-	0	0	0	21	21	33	0	0	0	3.596178
pseudogen	MT-ND6_ps	0	0	1	2	5	3	0	0	0.108382	0.27885
pseudogen	suppressor	7	2	2	8	16	18	0.339783	0.124492	0.117134	0.602731
lincRNA	-	5	1	6	0	1	0	0.569054	0.145946	0.823915	0
pseudogen	-	1	0	0	0	0	0	0.062437	0	0	0
pseudogen	peroxiredo	1	4	2	2	1	1	0.080017	0.410442	0.19309	0.248395
protein_co	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	1	2	0	0	0	0	0.04232	0.108538	0	0
pseudogen	-	0	0	0	3	2	0	0	0	0	0.462583
lincRNA	-	0	0	0	2	4	2	0	0	0	0.263218
processed_	-	0	0	0	221	254	197	0	0	0	26.11094
pseudogen	-	0	0	0	1	0	0	0	0	0	0.122525
protein_co	protocadhe	311	250	298	174	240	286	2.773977	2.859511	3.207057	2.408919
lincRNA	-	0	1	2	5	3	2	0	0.124751	0.234753	0.754977
lincRNA	-	0	0	0	1	0	0	0	0	0	0.110272
antisense	-	0	1	0	0	0	0	0	0.030995	0	0
antisense	-	0	2	0	0	0	0	0	0.212849	0	0
antisense	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	1	1	0	3	6	0	0.046937	0.06019	0	0.218558
pseudogen	-	1	0	0	4	3	2	0.347333	0	0	2.156439
pseudogen	heat_shock	3	0	0	0	0	1	0.081785	0	0	0
processed_	-	0	0	0	0	0	4	0	0	0	0
processed_	-	0	0	0	3	1	0	0	0	0	0.096142
pseudogen	olfactory_r	2	0	0	0	0	0	0.095015	0	0	0
lincRNA	-	2	0	0	0	0	0	0.160582	0	0	0
antisense	-	3	10	0	3	6	0	0.1487	0.635622	0	0.230803
pseudogen	ATPase_Na-	0	1	3	2	6	4	0	0.065716	0.185493	0.159082
pseudogen	-	4	2	0	1	3	0	1.42091	0.911058	0	0.551362
antisense	-	0	0	1	0	0	0	0	0	0.130059	0
protein_co	ATP_syntha	0	0	3	1	1	0	0	0	0.212424	0.091089
lincRNA	-	1	0	0	0	0	0	0.029233	0	0	0
antisense	-	0	0	2	1	0	0	0	0	0.273312	0.175797
pseudogen	-	1	0	0	0	0	0	0.051812	0	0	0
pseudogen	-	0	0	0	6	3	2	0	0	0	0.468037
protein_co	Uncharacte	1	0	0	0	0	0	0.039805	0	0	0
lincRNA	-	0	2	1	1	0	0	0	0.125663	0.059118	0.07605
protein_co	transmemb	50	26	27	45	48	28	1.178141	0.785615	0.767607	1.645774
pseudogen	-	2	1	0	3	0	3	0.026756	0.017155	0	0.062294
pseudogen	-	1	0	0	2	0	1	0.024981	0	0	0.077549
antisense	-	9	2	5	1	1	4	0.551647	0.157202	0.369775	0.095137
antisense	-	0	0	1	1	3	10	0	0	0.089802	0.115523
pseudogen	phosphogly	0	0	0	4	3	4	0	0	0	0.385588
lincRNA	-	6	8	7	1	3	0	0.122749	0.209877	0.172787	0.031754
pseudogen	eukaryotic_	3	3	1	10	8	4	0.101714	0.130433	0.040908	0.526246
lincRNA	-	0	0	0	2	1	0	0	0	0	0.029276

pseudogen	-	0	0	2	0	2	0	0	0	0.112476	0
lincRNA	-	2	0	0	0	0	0	0.276637	0	0	0
pseudogen	-	3	6	5	3	1	0	0.141519	0.362957	0.284585	0.219657
antisense	-	0	1	1	0	0	0	0	0.108147	0.101755	0
processed_	-	0	0	0	1	0	1	0	0	0	0.223251
pseudogen	ferritin_hea	0	0	0	1	1	0	0	0	0	0.157532
antisense	-	7	5	7	1	1	1	0.744286	0.681744	0.898024	0.165034
processed_	-	2	0	0	0	0	0	0.111114	0	0	0
antisense	-	1	1	2	2	0	0	0.048191	0.061798	0.116291	0.149599
antisense	-	1	0	0	1	1	1	0.09	0	0	0.139693
antisense	APOBEC3B_	0	0	2	3	6	1	0	0	0.16375	0.315976
pseudogen	ADP-ribosy	2	0	0	0	0	0	0.199108	0	0	0
antisense	-	0	1	2	0	1	0	0	0.137283	0.258336	0
pseudogen	olfactory_r	0	0	0	0	0	1	0	0	0	0
antisense	-	0	0	0	4	9	2	0	0	0	0.178055
lincRNA	-	1	0	3	0	1	0	0.022056	0	0.079834	0
processed_	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	2	0	0	0	0	0	0.03591	0
antisense	UGDH_anti	54	25	38	17	23	14	0.908526	0.539377	0.771392	0.443939
pseudogen	nucleopho	105	84	70	307	317	325	5.93187	6.085425	4.771428	26.91976
lincRNA	-	0	0	0	1	0	1	0	0	0	0.074723
lincRNA	-	0	0	0	0	2	0	0	0	0	0
pseudogen	-	7	0	2	3	2	3	0.374692	0	0.129168	0.249246
processed_	-	0	0	0	3	5	1	0	0	0	0.140321
pseudogen	fatty_acid_	0	0	0	0	1	0	0	0	0	0
pseudogen	ATPase_H+_	0	1	0	0	0	0	0	0.180029	0	0
antisense	-	0	0	0	1	2	0	0	0	0	0.170444
processed_	-	1	2	2	1	5	4	0.014205	0.036431	0.034278	0.022048
processed_	-	10	12	6	3	0	5	0.192567	0.296328	0.139406	0.089667
antisense	-	5	0	2	5	4	7	0.428611	0	0.206857	0.665263
lincRNA	-	0	0	0	3	2	0	0	0	0	0.413522
lincRNA	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	86	53	75	120	119	68	3.464383	2.737869	3.645329	7.503072
lincRNA	-	11	15	5	2	1	4	0.614768	1.075026	0.33716	0.173492
antisense	IL20RB_ant	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	2	0	0	0	0	0	0.054688	0	0
antisense	-	0	0	0	4	3	1	0	0	0	0.511633
processed_	-	1	1	1	1	2	0	0.062188	0.079748	0.075034	0.096525
processed_	-	3	0	6	2	2	1	0.333341	0	0.804391	0.344928
pseudogen	-	0	0	0	1	0	0	0	0	0	0.168472
antisense	-	3	1	2	0	0	0	0.127303	0.054416	0.102399	0
antisense	-	1	0	0	48	82	46	0.059657	0	0	4.444568
lincRNA	-	0	0	0	1	0	1	0	0	0	0.051362
lincRNA	-	0	0	0	0	1	2	0	0	0	0
protein_co	Uncharacte	1	1	5	3	3	0	0.033541	0.043011	0.202344	0.15618
lincRNA	-	183	104	125	283	380	269	12.17145	8.870211	10.03112	29.21515
protein_co	NLR_family	12	12	14	16	14	15	0.091881	0.117825	0.129337	0.19015
pseudogen	-	0	0	1	0	0	0	0	0	0.042442	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
antisense	-	1	0	0	0	1	0	0.106086	0	0	0
processed_	-	71	41	32	36	55	27	5.998543	4.442021	3.262011	4.720852
protein_co	zinc_finger_	189	106	152	177	220	221	1.663328	1.196276	1.614016	2.417797
processed_	-	6	2	1	9	13	7	0.053466	0.022854	0.010752	0.124481
pseudogen	RNA_bindi	2	3	0	1	2	2	0.082698	0.159074	0	0.06418
protein_co	zinc_finger_	102	75	87	38	54	63	1.268642	1.196216	1.305589	0.73359
lincRNA	-	8	6	7	3	4	1	0.068565	0.065944	0.072387	0.039909
antisense	-	0	0	0	1	0	0	0	0	0	0.023164
lincRNA	-	1	3	1	0	0	0	0.021382	0.082257	0.025798	0
pseudogen	retinoblast	4	1	0	0	2	2	0.146991	0.047124	0	0
lincRNA	-	1	0	0	0	0	0	0.025553	0	0	0
pseudogen	glyceraldeh	0	0	3	1	0	0	0	0	0.162418	0.069646
antisense	EGFLAM_ar	0	1	0	0	0	0	0	0.181661	0	0
processed_	-	2	1	4	10	3	3	0.194564	0.124751	0.469506	1.509954

pseudogen	ankyrin_rep	7	2	3	4	2	4	0.667134	0.24443	0.344973	0.591706
antisense	-	0	2	0	1	0	1	0	0.148103	0	0.08963
lincRNA	-	0	0	2	0	0	0	0	0	0.06451	0
lincRNA	-	1	0	1	0	0	0	0.021678	0	0.026156	0
antisense	-	5	4	2	4	4	3	0.3126	0.320692	0.150868	0.388159
pseudogen	-	0	0	0	1	1	0	0	0	0	0.062795
pseudogen	zinc_finger_	4	4	4	0	0	0	0.189263	0.242704	0.228357	0
antisense	-	0	0	0	0	2	0	0	0	0	0
lincRNA	-	0	1	0	1	0	0	0	0.130151	0	0.157532
pseudogen	-	0	0	0	1	3	0	0	0	0	0.12746
pseudogen	-	0	0	0	2	4	0	0	0	0	0.143267
pseudogen	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	6	6	9	3	3	7	0.495317	0.635174	0.896443	0.3844
pseudogen	-	0	0	2	0	0	0	0	0	0.130358	0
antisense	-	3	0	1	43	59	52	0.219797	0	0.088399	4.889893
lincRNA	-	0	2	0	0	0	0	0	0.058407	0	0
pseudogen	-	1	0	2	1	0	0	0.145621	0	0.351401	0.226024
lincRNA	-	5	2	1	44	48	40	0.112285	0.057596	0.027096	1.533674
pseudogen	regulator_c	0	1	0	2	1	1	0	0.057706	0	0.139693
pseudogen	SERPINE1_r	5	8	12	21	18	24	0.198518	0.407314	0.574857	1.294137
antisense	-	4	0	1	0	0	0	0.066042	0	0.019921	0
antisense	-	14	16	18	5	8	7	1.222459	1.791577	1.896386	0.677652
processed_	-	0	0	0	0	3	1	0	0	0	0
pseudogen	-	9	8	20	5	0	5	1.42091	1.619658	3.809798	1.225249
pseudogen	-	0	0	0	1	0	0	0	0	0	0.121705
processed_	-	101	95	127	65	57	58	7.663255	9.243253	11.62636	7.654833
antisense	-	2	1	2	8	8	3	0.087891	0.056354	0.106046	0.545678
sense_intrc	-	0	0	0	1	1	0	0	0	0	0.237068
lincRNA	-	15	9	9	0	0	0	1.376419	1.059038	0.996437	0
processed_	-	4	10	3	28	16	13	0.490995	1.574078	0.44431	5.334645
antisense	-	0	2	3	2	0	1	0	0.038214	0.053933	0.046253
pseudogen	trafficking_	0	0	0	0	1	0	0	0	0	0
antisense	-	10	12	11	2	3	2	0.849457	1.307169	1.12741	0.263695
processed_	-	0	0	0	1	2	0	0	0	0	0.040957
pseudogen	high_mobil	1	7	0	0	0	0	0.339783	3.050062	0	0
lincRNA	-	0	2	2	0	0	1	0	0.206277	0.194084	0
antisense	-	3	5	6	0	0	0	0.313996	0.671091	0.757708	0
protein_co	Uncharacte	5	3	5	0	2	0	0.17201	0.132347	0.20754	0
pseudogen	-	1	1	3	20	14	11	0.031323	0.040167	0.113378	0.972342
lincRNA	-	9	10	16	0	0	1	0.174601	0.248779	0.374517	0
lincRNA	-	2	0	0	0	4	0	0.125542	0	0	0
pseudogen	olfactory_r	0	1	0	1	0	0	0	0.06696	0	0.081047
antisense	-	1	1	3	1	0	0	0.013298	0.017053	0.048136	0.020641
antisense	-	3	7	4	23	14	30	0.25623	0.766682	0.412208	3.049063
antisense	-	0	0	1	0	0	0	0	0	0.112253	0
antisense	HOXC_clust	1	0	0	0	0	0	0.033303	0	0	0
antisense	-	0	0	0	2	1	0	0	0	0	0.239802
pseudogen	mitochond	0	0	0	0	0	1	0	0	0	0
antisense	-	2	0	1	0	1	3	0.15868	0	0.095728	0
antisense	-	2	15	12	13	19	25	0.17082	1.642891	1.236623	1.723383
pseudogen	TNRC18P1	22	8	13	0	0	1	0.282625	0.131791	0.201502	0
lincRNA	-	2	4	2	2	0	0	0.113673	0.291538	0.137153	0.176436
processed_	MIR143_ho	84	65	59	0	0	0	0.469012	0.465401	0.39747	0
processed_	NOP14_ant	199	169	189	181	207	246	2.417387	2.632626	2.770148	3.412732
lincRNA	-	0	0	0	2	0	2	0	0	0	0.155845
antisense	-	0	0	1	0	0	0	0	0	0.314308	0
protein_co	Uncharacte	4	2	1	0	3	0	0.476041	0.305227	0.143593	0
antisense	-	0	2	2	14	10	15	0	0.196182	0.184586	1.662181
lincRNA	-	4	2	7	1	5	1	0.41222	0.264307	0.870392	0.159956
processed_	-	6	0	0	3	3	3	0.127361	0	0	0.098841
pseudogen	-	0	0	0	3	0	0	0	0	0	0.24727
protein_co	theg_sperm	4	5	0	0	2	2	0.113673	0.182212	0	0
processed_	-	0	0	0	0	0	1	0	0	0	0
antisense	-	0	0	0	6	3	3	0	0	0	0.088882
lincRNA	-	6	2	2	0	0	0	0.100407	0.042919	0.040382	0

antisense	SRD5A3_ar	17	20	23	12	15	18	0.492969	0.74372	0.804723	0.54011
protein_co	zinc_finger_	5	1	4	4	7	7	0.079881	0.020487	0.077105	0.099189
antisense	-	1	4	5	1	0	0	0.029528	0.15146	0.178134	0.045831
pseudogen	fer-1-like_5	3	5	6	28	42	19	0.021718	0.046418	0.052409	0.314626
processed_	-	2	0	1	2	4	0	0.166868	0	0.100668	0.259003
pseudogen	-	0	0	0	5	2	3	0	0	0	0.935473
lincRNA	-	0	0	1	0	0	0	0	0	0.10139	0
lincRNA	-	0	0	0	0	1	1	0	0	0	0
lincRNA	-	0	0	1	0	0	0	0	0	0.102492	0
lincRNA	-	0	0	0	2	2	0	0	0	0	0.227082
antisense	-	0	0	0	0	1	0	0	0	0	0
processed_	-	2	0	2	0	0	2	0.059354	0	0.071615	0
processed_	-	5	6	7	1	0	0	0.280108	0.431038	0.473152	0.086953
pseudogen	-	3	2	1	2	1	0	0.2605	0.222703	0.104769	0.269555
lincRNA	-	0	1	0	0	0	0	0	0.126856	0	0
lincRNA	-	27	34	31	0	0	0	1.34541	2.172596	1.863805	0
lincRNA	-	0	0	1	0	0	0	0	0	0.086772	0
protein_co	endothelial	7	10	8	5	8	14	0.7294	1.336218	1.005787	0.808664
processed_	-	2	1	3	2	5	3	0.341018	0.218654	0.617187	0.529308
pseudogen	-	9	5	2	2	2	1	0.642329	0.457609	0.172224	0.221552
pseudogen	-	0	1	0	0	0	0	0	0.328578	0	0
processed_	-	1	0	4	0	0	0	0.091226	0	0.440276	0
pseudogen	-	0	3	0	2	11	3	0	0.193343	0	0.156012
protein_co	28S_riboso	1	0	0	0	1	0	0.027073	0	0	0
pseudogen	-	1	0	0	0	0	0	0.28247	0	0	0
sense_intro	small_Cajal	1	1	1	0	0	0	0.37512	0.481038	0.452604	0
antisense	EAF1_antis	2	0	1	3	2	5	0.098716	0	0.059553	0.229831
lincRNA	-	1	1	0	0	0	0	0.083286	0.106802	0	0
processed_	-	1917	1440	1578	8679	10760	8430	45.58223	43.90817	45.27188	320.3123
antisense	-	0	1	0	1	4	2	0	0.162513	0	0.196702
lincRNA	-	1	0	0	0	0	0	0.058104	0	0	0
pseudogen	hydroxy-de	0	0	1	0	0	0	0	0	0.056917	0
pseudogen	-	0	0	0	1	2	1	0	0	0	0.383052
lincRNA	-	2	0	0	0	0	0	0.099449	0	0	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	1	0	0	0	2	0	0.080429	0	0	0
processed_	-	6	6	3	1	5	2	0.378145	0.484918	0.228127	0.097822
antisense	-	8	3	9	6	1	1	0.138677	0.066687	0.188236	0.161434
pseudogen	piggyBac_t	0	0	1	0	0	1	0	0	0.097376	0
antisense	VCAN_antis	12	12	8	7	4	5	1.24212	1.592842	0.999126	1.124633
lincRNA	-	2	0	1	0	0	0	0.218093	0	0.131571	0
pseudogen	-	2	4	2	2	5	5	0.028989	0.074349	0.034977	0.044995
pseudogen	-	0	0	0	1	2	0	0	0	0	0.074569
processed_	-	8	6	11	22	31	29	0.233284	0.224365	0.387021	0.995744
pseudogen	-	2	0	0	0	0	0	0.163096	0	0	0
antisense	-	0	2	0	0	0	1	0	0.279025	0	0
pseudogen	-	2	1	0	0	0	1	0.072585	0.04654	0	0
protein_co	Uncharacte	12	3	8	7	2	10	0.280779	0.090015	0.22585	0.254221
protein_co	heparan_su	61	45	44	65	80	64	0.73322	0.693627	0.638124	1.212686
pseudogen	eukaryotic_	17	25	20	32	40	19	0.576795	1.087731	0.818748	1.685205
processed_	-	0	0	0	0	2	0	0	0	0	0
pseudogen	sorting_nex	0	0	0	1	0	0	0	0	0	0.069913
processed_	Pvt1_oncop	115	88	108	220	292	199	3.173839	3.114433	3.596324	9.424106
protein_co	MT-RNR2-li	0	0	0	1	0	0	0	0	0	0.041852
pseudogen	-	18	15	8	36	30	15	0.797751	0.852502	0.427792	2.476439
processed_	-	0	1	2	0	0	0	0	0.135733	0.25542	0
lincRNA	-	0	0	1	0	0	0	0	0	0.070193	0
processed_	-	6	8	6	4	5	7	0.319705	0.546635	0.385742	0.330817
antisense	-	0	0	0	2	0	0	0	0	0	0.438433
lincRNA	-	0	0	0	1	1	1	0	0	0	0.198852
pseudogen	-	0	0	0	1	0	0	0	0	0	0.107662
lincRNA	-	0	1	0	0	0	0	0	0.113667	0	0
pseudogen	asparagine-	0	1	0	0	1	0	0	0.133622	0	0
lincRNA	-	0	0	0	3	2	0	0	0	0	0.385759
lincRNA	-	0	0	0	13	16	8	0	0	0	0.371471

antisense	-	47	31	30	23	43	17	1.02647	0.868199	0.790529	0.779663
antisense	-	0	1	0	4	1	1	0	0.049246	0	0.238427
pseudogen	-	0	0	0	0	2	0	0	0	0	0
antisense	-	1	1	1	1	1	1	0.072585	0.09308	0.087578	0.112662
protein_co	programme	868	699	792	594	704	763	10.81598	11.16947	11.90747	11.48849
antisense	-	1	0	2	0	4	1	0.083286	0	0.200979	0
lincRNA	long_interg	10	4	5	0	0	0	0.174183	0.089346	0.105081	0
pseudogen	fatty_acid_	0	0	0	1	0	0	0	0	0	0.177946
pseudogen	-	0	1	0	0	0	0	0	0.063428	0	0
antisense	-	0	0	0	1	0	0	0	0	0	0.032666
lincRNA	-	0	0	0	0	1	0	0	0	0	0
pseudogen	ubiquinol-(	1	0	0	0	0	0	0.150289	0	0	0
protein_co	golgin_A8_	2	3	4	11	2	2	0.049514	0.095243	0.119484	0.422692
pseudogen	ras-related_	37	35	26	35	36	34	2.08275	2.526462	1.765862	3.057975
lincRNA	-	0	0	2	0	0	0	0	0	0.14488	0
antisense	-	1	0	3	0	0	0	0.064057	0	0.231867	0
pseudogen	X-box_bind	14	5	2	0	4	4	1.006841	0.461118	0.173544	0
antisense	-	1	5	0	0	0	0	0.084639	0.542688	0	0
protein_co	coiled-coil_	1	0	1	0	0	2	0.018453	0	0.022265	0
pseudogen	cell_divisio	2	0	0	2	0	0	0.166572	0	0	0.258543
pseudogen	coiled-coil-	1	0	0	0	1	2	0.103739	0	0	0
pseudogen	-	1	0	1	0	0	0	0.122109	0	0.147332	0
TR_V_pseu	T_cell_rece	1	0	0	2	2	2	0.132833	0	0	0.41235
pseudogen	YWHAQ_ps	2	1	2	0	0	0	0.308487	0.197795	0.372207	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
protein_co	transmemb	315	227	229	48	112	45	8.146914	7.528662	7.146051	1.926878
pseudogen	-	0	0	0	2	0	5	0	0	0	0.092302
antisense	-	9	8	7	2	0	0	0.752246	0.857466	0.705933	0.259465
lincRNA	-	4	0	0	0	0	0	0.415876	0	0	0
sense_intro	-	12	7	4	3	5	0	1.036243	0.775154	0.416762	0.402098
antisense	-	0	1	0	1	3	1	0	0.135427	0	0.163918
lincRNA	-	8	4	5	3	0	5	1.820972	1.167569	1.373192	1.0599
pseudogen	sorting_nex	0	0	0	0	1	0	0	0	0	0
pseudogen	-	4	0	1	0	0	0	0.092714	0	0.027966	0
pseudogen	-	0	0	0	1	1	3	0	0	0	0.101365
antisense	-	3	2	7	2	7	4	0.181043	0.154774	0.509689	0.187335
pseudogen	-	1	1	1	3	1	0	0.15224	0.195227	0.183687	0.708894
pseudogen	-	4	2	0	2	6	4	0.10543	0.0676	0	0.081821
processed_	SLC7A11_a	5	2	0	1	0	3	0.050376	0.02584	0	0.015638
protein_co	Uncharacte	0	0	0	1	0	0	0	0	0	0.082704
antisense	-	0	3	2	2	1	2	0	0.096259	0.060379	0.077673
processed_	-	5	0	1	0	0	0	0.420916	0	0.101572	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
pseudogen	chromobo	1	0	1	0	2	3	0.088139	0	0.106345	0
processed_	-	0	0	0	20	23	35	0	0	0	1.967022
lincRNA	-	0	0	0	8	6	0	0	0	0	0.196902
pseudogen	MT-ND4_ps	3	1	0	0	1	0	0.10451	0.044673	0	0
processed_	-	0	0	0	13	12	3	0	0	0	0.311639
lincRNA	-	0	0	1	0	0	0	0	0	0.143593	0
lincRNA	-	0	1	0	0	0	0	0	0.108734	0	0
antisense	-	0	0	0	1	3	2	0	0	0	0.115523
lincRNA	-	3	1	0	0	0	0	0.19757	0.084452	0	0
protein_co	YjeF_N-terr	25	26	23	45	91	58	0.423348	0.564599	0.46993	1.18277
pseudogen	-	6	0	0	6	7	5	1.082077	0	0	1.679534
sense_intro	-	1	0	0	0	1	4	0.015501	0	0	0
pseudogen	-	0	0	0	0	6	2	0	0	0	0
processed_	-	3	3	3	0	0	0	0.04551	0.05836	0.05491	0
processed_	-	3	4	3	0	1	4	0.09422	0.161098	0.113682	0
lincRNA	-	0	2	1	5	5	1	0	0.060402	0.028416	0.182772
pseudogen	-	0	0	1	0	0	0	0	0	0.032665	0
lincRNA	-	4	12	7	5	3	1	0.513863	1.97687	1.08501	0.996984
pseudogen	-	0	0	0	0	1	0	0	0	0	0
protein_co	dynein_axo	95	89	78	5	10	4	0.88384	1.061816	0.875573	0.072202
processed_	-	2	2	0	0	0	0	0.589812	0.75635	0	0
lincRNA	-	0	2	0	2	0	0	0	0.380568	0	0.460632

antisense	-	0	0	1	0	3	2	0	0	0.103429	0
lincRNA	-	15	5	8	79	67	90	1.426674	0.609836	0.918061	11.66248
lincRNA	-	0	0	0	0	1	0	0	0	0	0
antisense	ANKRD33B	4	0	0	0	1	0	0.35931	0	0	0
antisense	CACNA1G_	5	11	4	6	2	0	0.163608	0.461569	0.157922	0.304731
pseudogen	-	0	1	0	1	0	0	0	0.046254	0	0.055984
pseudogen	-	0	0	0	1	0	0	0	0	0	0.351593
antisense	-	8	16	7	12	11	8	0.246952	0.633362	0.260717	0.574956
protein_co	protocadhe	17	12	10	73	120	83	0.151719	0.137335	0.107681	1.011215
lincRNA	-	0	0	0	1	0	1	0	0	0	0.017843
antisense	-	0	0	1	0	3	0	0	0	0.084315	0
pseudogen	-	17	8	3	6	2	6	0.795539	0.480078	0.169388	0.435807
antisense	-	24	18	24	67	88	66	0.520759	0.50085	0.628326	2.256477
processed_	-	8	12	11	7	9	5	0.183702	0.353358	0.304765	0.24949
antisense	HOXC_clust	3	8	2	0	0	1	0.067306	0.230162	0.054139	0
pseudogen	-	47	34	28	35	49	32	0.496694	0.460765	0.357024	0.574103
pseudogen	-	0	0	0	1	1	0	0	0	0	0.171247
pseudogen	keratin_8_p	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.18519
antisense	-	121	131	138	29	40	21	8.331413	11.56682	11.46464	3.099287
lincRNA	-	0	0	0	0	2	0	0	0	0	0
antisense	-	0	0	0	4	2	0	0	0	0	0.253588
pseudogen	casein_kina	0	0	1	0	0	0	0	0	0.171441	0
processed_	-	2	0	1	0	5	3	0.048742	0	0.029405	0
antisense	-	0	0	3	0	0	1	0	0	0.267707	0
sense_intro	RASA2_intr	0	2	0	2	2	0	0	0.196503	0	0.237842
antisense	MYLK_antis	0	0	0	0	1	0	0	0	0	0
lincRNA	-	1	0	0	0	0	0	0.082991	0	0	0
pseudogen	eukaryotic_	26	29	12	49	60	39	0.877711	1.25541	0.488773	2.567466
pseudogen	regulator_c	0	0	1	0	0	0	0	0	0.054662	0
lincRNA	-	0	1	0	0	0	0	0	0.087525	0	0
lincRNA	-	2	1	1	0	0	0	0.167464	0.107375	0.101028	0
pseudogen	high_mobil	0	2	1	1	4	5	0	0.40766	0.191781	0.246711
lincRNA	-	1	2	0	0	0	0	0.017354	0.044508	0	0
antisense	-	0	0	1	1	1	2	0	0	0.100489	0.129271
processed_	-	60	40	54	19	18	45	0.676461	0.57831	0.73457	0.332488
protein_co	Protein_LO	1	0	0	0	0	0	0.123395	0	0	0
pseudogen	-	0	0	0	0	1	1	0	0	0	0
pseudogen	corepresso	0	0	0	0	2	0	0	0	0	0
antisense	-	20	7	10	2	8	18	1.369052	0.614465	0.82592	0.212496
pseudogen	keratin_8_p	0	0	0	0	1	2	0	0	0	0
antisense	-	3	1	2	2	5	1	0.358852	0.153392	0.288651	0.371326
lincRNA	-	0	1	2	2	4	1	0	0.025598	0.04817	0.061967
antisense	-	2	1	0	2	6	1	0.230418	0.147739	0	0.35764
antisense	-	1	4	3	1	0	0	0.05796	0.297304	0.209798	0.089963
processed_	-	32	28	31	5	16	6	0.532085	0.597033	0.621929	0.129042
pseudogen	-	0	0	0	1	1	0	0	0	0	0.206175
antisense	-	0	0	0	0	0	1	0	0	0	0
pseudogen	polycystic_	648	498	574	435	741	316	6.3713	6.279018	6.809465	6.638543
antisense	-	1	0	1	0	3	2	0.101935	0	0.12299	0
lincRNA	-	1	1	0	0	0	0	0.17239	0.221065	0	0
lincRNA	-	0	0	3	0	0	0	0	0	0.262735	0
pseudogen	-	1	0	0	0	0	1	0.041754	0	0	0
lincRNA	-	0	0	0	2	1	8	0	0	0	0.310362
antisense	-	2	1	1	6	3	5	0.057079	0.036598	0.034434	0.265781
pseudogen	proteasom	2	2	0	0	0	2	0.529831	0.679433	0	0
lincRNA	-	1	0	0	0	0	0	0.021489	0	0	0
sense_intro	-	4	7	9	0	0	0	0.054255	0.121755	0.147289	0
antisense	-	0	0	1	2	0	0	0	0	0.131571	0.338511
lincRNA	-	0	0	0	0	0	1	0	0	0	0
processed_	-	0	0	0	2	2	0	0	0	0	0.203012
pseudogen	-	0	4	8	0	1	3	0	0.132591	0.249506	0
antisense	-	7	11	12	1	2	6	0.100653	0.20283	0.20819	0.022318
processed_	-	72	62	28	5	3	8	1.228112	1.356147	0.576251	0.132375
protein_co	KIAA1456	8	5	7	17	36	8	0.039128	0.03136	0.041309	0.129056

antisense	-	0	0	0	1	0	0	0	0	0	0.126135
lincRNA	zinc_finger_	75	79	81	143	170	211	1.094198	1.477988	1.425829	3.23818
protein_co	small_integ	358	271	273	382	495	408	17.95361	17.42799	16.51884	29.73464
pseudogen	-	24	22	16	5	5	1	1.838824	2.161529	1.479098	0.594606
antisense	-	22	31	35	33	42	42	1.3025	2.353565	2.50018	3.032492
pseudogen	-	2	0	0	0	2	1	0.660423	0	0	0
pseudogen	-	0	0	1	0	0	0	0	0	0.332797	0
pseudogen	mitochond	0	0	1	0	0	1	0	0	0.091843	0
pseudogen	immunoglc	0	0	0	2	0	0	0	0	0	0.165597
antisense	-	12	5	8	4	6	6	0.741344	0.396112	0.596316	0.383556
pseudogen	-	7	6	6	5	5	4	0.379896	0.417568	0.392885	0.421179
antisense	-	7	7	7	15	32	15	0.230499	0.295582	0.27811	0.766641
pseudogen	-	0	0	0	0	0	2	0	0	0	0
lincRNA	-	1	5	4	0	0	0	0.064765	0.415261	0.312572	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	0	2	0	0	0	0	0	0.069981
processed_	-	25	22	20	385	367	184	0.728106	0.821649	0.702801	17.40387
pseudogen	-	0	0	0	0	0	1	0	0	0	0
antisense	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	0	1	4	1	0	0	0	0.117198
pseudogen	-	0	0	0	1	0	1	0	0	0	0.173699
antisense	-	0	0	0	2	1	1	0	0	0	0.192539
pseudogen	-	0	0	0	0	2	0	0	0	0	0
processed_	-	0	0	3	0	0	0	0	0	0.23155	0
antisense	-	7	7	8	4	10	5	0.270594	0.346998	0.373128	0.239999
lincRNA	long_interg	4	0	0	868	929	587	0.058668	0	0	19.76005
lincRNA	-	0	1	0	0	1	0	0	0.02232	0	0
lincRNA	-	0	0	3	0	0	0	0	0	0.450203	0
pseudogen	unc-93_ho	0	0	0	2	1	1	0	0	0	0.194859
antisense	-	1	0	1	0	1	0	0.117814	0	0.14215	0
pseudogen	ubiquitin-c	9	4	4	0	0	0	0.9378	0.534487	0.502893	0
antisense	-	0	0	0	0	1	2	0	0	0	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
processed_	-	0	0	0	2	2	1	0	0	0	0.255368
antisense	-	25	24	30	21	21	31	0.568778	0.700201	0.823515	0.74157
lincRNA	-	0	1	1	0	0	0	0	0.051702	0.048646	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
processed_	-	21	20	38	17	25	26	0.346356	0.423002	0.756197	0.435194
pseudogen	-	0	0	1	0	0	0	0	0	0.02959	0
lincRNA	-	2	1	1	0	0	0	0.033409	0.021421	0.020155	0
antisense	-	0	0	0	0	0	4	0	0	0	0
antisense	-	0	0	0	0	1	0	0	0	0	0
antisense	-	10	0	3	1	7	0	0.798808	0	0.289142	0.123986
pseudogen	kelch-like_f	3	0	0	2	1	2	0.27	0	0	0.279385
antisense	-	1	0	0	2	1	0	0.066605	0	0	0.206761
lincRNA	-	0	0	0	1	0	1	0	0	0	0.147626
pseudogen	acetoacetyl	0	0	0	81	82	81	0	0	0	2.089002
lincRNA	-	0	0	0	6	6	8	0	0	0	0.74139
pseudogen	-	0	1	0	0	0	1	0	0.029076	0	0
protein_co	KIAA1210	1	1	0	0	0	0	0.005993	0.007685	0	0
processed_	-	1	0	1	3	1	1	0.065216	0	0.078686	0.303671
antisense	-	0	0	0	4	0	0	0	0	0	0.108102
lincRNA	-	0	0	0	0	0	1	0	0	0	0
pseudogen	FYVE_RhoG	1	0	0	0	0	0	0.013885	0	0	0
pseudogen	-	1	0	1	5	6	7	0.027341	0	0.032989	0.212186
pseudogen	chaperonir	0	0	2	0	0	0	0	0	0.069933	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
processed_	-	0	0	0	10	14	2	0	0	0	0.352274
antisense	HOXC_clust	9	15	6	0	0	2	0.770092	1.645889	0.61944	0
pseudogen	-	0	2	0	0	0	0	0	0.372321	0	0
pseudogen	-	11	17	11	7	12	12	0.693266	1.373934	0.836466	0.684756
pseudogen	guanine_m	2	0	4	6	0	6	0.161969	0	0.39085	0.754195
sense_intrc	TRIM36_int	0	0	0	1	2	0	0	0	0	0.08261
pseudogen	deoxyuridi	1	1	1	1	2	0	0.096482	0.123724	0.116411	0.149753
pseudogen	WW_doma	4	5	3	0	0	0	0.198266	0.317811	0.179415	0

pseudogen	-	0	0	0	2	0	0	0	0	0	0.232152
protein_co	coiled-coil-	37	22	37	117	209	120	1.48158	1.12968	1.787612	7.271765
pseudogen	protein_ph	2	3	3	0	0	2	0.082626	0.158933	0.149539	0
pseudogen	-	0	1	0	0	0	0	0	0.113667	0	0
protein_co	family_witl	9	12	18	8	23	8	0.194117	0.331903	0.468426	0.267819
lincRNA	-	0	0	0	0	0	1	0	0	0	0
antisense	-	1	0	1	4	6	0	0.007426	0	0.00896	0.046107
lincRNA	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	0	0	9	7	12	0	0	0	0.484481
protein_co	cyclin-depe	0	1	0	3	4	2	0	0.038009	0	0.138015
lincRNA	-	3	0	0	12	17	22	0.043256	0	0	0.26856
lincRNA	-	0	0	0	0	1	0	0	0	0	0
protein_co	G_protein-	165	156	114	7	17	5	2.795106	3.388818	2.330061	0.184053
antisense	-	0	1	5	6	10	3	0	0.041555	0.195492	0.301782
antisense	-	0	1	0	0	0	0	0	0.107183	0	0
lincRNA	-	0	0	2	22	29	20	0	0	0.198511	2.809045
pseudogen	-	0	0	2	0	0	0	0	0	0.336759	0
pseudogen	chaperonir	0	0	0	0	0	1	0	0	0	0
antisense	-	0	0	0	2	0	1	0	0	0	0.326367
processed_	-	0	0	0	1	2	1	0	0	0	0.108303
pseudogen	abhydrolas	1	0	7	11	5	1	0.04124	0	0.34831	0.704114
pseudogen	keratin_8_	20	12	24	21	23	16	0.65903	0.507068	0.95419	1.074052
pseudogen	-	0	0	0	2	0	0	0	0	0	0.392344
antisense	-	3	6	1	1	2	0	0.291242	0.746954	0.117134	0.150683
processed_	-	0	0	0	10	6	4	0	0	0	0.260393
lincRNA	-	0	0	0	0	1	1	0	0	0	0
lincRNA	-	1	0	0	0	0	1	0.066605	0	0	0
pseudogen	coiled-coil_	0	1	0	1	0	0	0	0.116305	0	0.140773
processed_	-	1	3	2	3	6	3	0.12673	0.487539	0.305814	0.590106
lincRNA	-	0	0	0	3	6	7	0	0	0	0.326367
protein_co	ATPase_H+_	65	68	74	77	98	99	1.305849	1.751854	1.793739	2.401047
pseudogen	-	2	1	2	3	5	2	0.297714	0.190888	0.35921	0.693141
pseudogen	N-terminal_	7	4	5	7	8	15	0.349181	0.255871	0.300934	0.541977
protein_co	GLI_family_	198	141	150	89	131	64	3.979521	3.634077	3.637516	2.776426
pseudogen	-	0	0	0	0	1	1	0	0	0	0
pseudogen	-	2	4	5	14	21	13	0.07569	0.194124	0.228311	0.822371
lincRNA	-	0	0	0	0	2	1	0	0	0	0
antisense	-	0	4	3	261	407	231	0	0.27055	0.190918	21.3673
antisense	-	0	0	0	1	0	1	0	0	0	0.06677
lincRNA	-	1	0	0	0	0	0	0.051134	0	0	0
lincRNA	-	0	0	0	0	2	1	0	0	0	0
protein_co	IQCJ-SCHIP	413	304	299	70	98	40	7.354948	6.942445	6.42464	1.934898
antisense	-	10	6	6	5	7	3	0.627711	0.48297	0.454422	0.487147
lincRNA	-	0	0	0	1	0	0	0	0	0	0.187577
pseudogen	protease_s	0	0	0	0	0	1	0	0	0	0
processed_	-	4	7	9	6	3	2	0.085683	0.192283	0.232608	0.199488
processed_	-	8	4	2	0	0	0	0.363137	0.232836	0.109536	0
pseudogen	-	0	0	1	0	0	0	0	0	0.171962	0
antisense	-	1	1	0	0	1	3	0.10351	0.132737	0	0
antisense	-	0	2	8	8	6	6	0	0.072885	0.274305	0.352872
antisense	-	0	0	0	0	0	1	0	0	0	0
antisense	-	0	0	0	1	0	0	0	0	0	0.125266
pseudogen	-	3	0	0	0	0	1	0.190095	0	0	0
lincRNA	-	18	12	9	0	10	16	1.462774	1.250533	0.88246	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	0	0	2	0	0	0	0
pseudogen	-	4	1	0	0	0	0	0.460836	0.147739	0	0
processed_	-	2	2	0	3	3	1	0.20611	0.264307	0	0.479867
pseudogen	poly(A)_bir	2	0	0	0	1	0	0.061983	0	0	0
pseudogen	-	1	0	2	14	24	19	0.083138	0	0.200622	1.806591
pseudogen	ST3_beta-g	3	1	0	1	3	4	0.138728	0.0593	0	0.071775
processed_	-	3	2	0	0	0	0	0.215421	0.184165	0	0
lincRNA	-	2	0	2	5	1	0	0.044361	0	0.053525	0.172138
antisense	-	4	7	9	0	2	0	0.710455	1.594351	1.92871	0
processed_	-	3	3	4	8	8	3	0.290641	0.372705	0.467566	1.202972

pseudogen	heterogene	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	0	0	2	0	0	0	0	0
pseudogen	-	0	0	0	1	2	2	0	0	0	0.179703
pseudogen	-	0	0	0	1	0	0	0	0	0	0.512534
pseudogen	-	1	0	0	1	0	0	0.097081	0	0	0.150683
lincRNA	long_interg	14	11	19	52	52	28	0.695403	0.700665	1.138702	4.009057
processed_	-	0	0	0	1	1	1	0	0	0	0.108142
pseudogen	-	1	0	0	0	0	1	0.0437	0	0	0
processed_	-	0	1	0	0	0	0	0	0.09714	0	0
antisense	-	0	0	2	2	1	0	0	0	0.172224	0.221552
antisense	-	1	0	2	0	0	0	0.096086	0	0.231867	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.142426
pseudogen	-	1	0	0	0	0	0	0.099979	0	0	0
pseudogen	-	0	0	1	0	0	0	0	0	0.040614	0
protein_co	selenoprot	0	0	0	126	105	91	0	0	0	2.196468
processed_	-	0	1	0	0	0	0	0	0.104031	0	0
pseudogen	-	0	0	0	1	1	1	0	0	0	0.114254
pseudogen	tropomyos	11	5	9	14	17	19	0.695135	0.405187	0.686226	1.373204
pseudogen	ribulose-5-	5	1	2	0	0	0	0.356307	0.091383	0.171962	0
protein_co	chromosor	0	2	0	1	0	1	0	0.043337	0	0.026227
processed_	-	5	2	2	1	1	1	0.438224	0.224784	0.211497	0.136037
lincRNA	-	0	0	0	0	0	1	0	0	0	0
antisense	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	3	3	3	4	9	7	0.102754	0.131767	0.123978	0.212651
pseudogen	-	1	5	1	1	0	0	0.022795	0.146159	0.027504	0.035382
lincRNA	-	56	42	62	0	0	0	2.449479	2.355832	3.272091	0
pseudogen	-	1	1	3	1	3	0	0.102157	0.131002	0.369775	0.158562
antisense	-	0	1	0	0	1	0	0	0.104574	0	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.203865
processed_	-	0	0	0	1	0	1	0	0	0	0.033294
antisense	-	0	2	0	2	0	0	0	0.230382	0	0.27885
pseudogen	-	2	1	0	1	0	1	0.352557	0.226052	0	0.273608
processed_	-	6	17	9	3	4	3	0.074765	0.271647	0.135312	0.058023
antisense	-	13	12	7	4	13	11	0.7309	0.865177	0.474854	0.349064
pseudogen	-	0	0	1	0	0	0	0	0	0.083077	0
pseudogen	-	1	0	0	1	0	0	0.022729	0	0	0.035279
lincRNA	-	4	4	7	2	1	1	0.081442	0.104437	0.171962	0.063204
pseudogen	-	0	0	1	2	3	3	0	0	0.018647	0.047976
lincRNA	-	0	0	0	1	0	0	0	0	0	0.114254
lincRNA	-	10	9	15	0	0	0	1.046652	1.207965	1.894269	0
antisense	-	0	0	0	1	0	3	0	0	0	0.121705
processed_	-	15	7	9	4	1	1	0.757921	0.453565	0.548685	0.313706
lincRNA	-	532	440	430	268	261	98	13.86631	14.70656	13.52277	10.84213
lincRNA	-	2	0	0	2	3	1	0.083882	0	0	0.130196
pseudogen	asparagine-	0	0	0	1	13	3	0	0	0	0.167695
processed_	ZBED3_anti	12	13	13	30	57	55	0.283181	0.393401	0.370147	1.098839
pseudogen	-	1	0	0	0	0	0	0.045304	0	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	DDB1_and_	0	0	0	0	0	1	0	0	0	0
processed_	-	0	0	0	0	3	2	0	0	0	0
lincRNA	-	0	0	0	1	1	1	0	0	0	0.131371
pseudogen	phosphogly	0	0	2	0	0	0	0	0	0.151271	0
lincRNA	-	3	0	0	2	3	0	0.748245	0	0	0.774253
pseudogen	DNM1_pse	0	0	0	1	1	0	0	0	0	0.170845
pseudogen	keratin_18_	0	0	0	1	0	0	0	0	0	0.097299
pseudogen	LSM3_hom	0	0	4	0	0	0	0	0	0.732369	0
antisense	-	1	3	2	30	28	16	0.109556	0.421471	0.264372	5.101388
lincRNA	-	0	1	1	0	0	0	0	0.113452	0.106746	0
processed_	-	8	5	5	0	1	0	0.318709	0.255437	0.240338	0
pseudogen	-	10	9	9	8	7	7	0.389776	0.449849	0.423258	0.483989
antisense	-	0	0	0	0	1	0	0	0	0	0
pseudogen	ring_finger_	0	0	0	2	4	1	0	0	0	0.266593
pseudogen	heterogene	0	1	0	0	0	0	0	0.043604	0	0
pseudogen	-	2	0	0	0	0	1	0.039771	0	0	0
lincRNA	-	0	0	0	1	3	0	0	0	0	0.050089

antisense	-	0	2	0	0	0	0	0	0.282964	0	0
pseudogen	methyltran	5	5	3	2	3	1	0.101406	0.130038	0.073411	0.062958
pseudogen	-	1	2	0	0	0	0	0.102829	0.263727	0	0
lincRNA	-	2	3	4	1	0	8	0.175618	0.337808	0.423787	0.136292
lincRNA	-	19	15	11	0	0	0	0.317842	0.321779	0.222023	0
pseudogen	-	1	6	8	9	11	2	0.049358	0.379767	0.476425	0.689493
antisense	-	0	0	0	6	3	7	0	0	0	0.506588
pseudogen	RNA_bindi	11	6	4	15	18	23	0.561863	0.393005	0.246516	1.189212
processed_	-	131	77	96	539	691	829	1.748034	1.317585	1.545603	11.16344
antisense	-	0	0	0	1	0	1	0	0	0	0.098618
antisense	-	0	0	1	0	0	0	0	0	0.117621	0
processed_	-	37	36	27	17	22	14	0.211139	0.263438	0.1859	0.150573
antisense	-	3	3	3	3	1	3	0.294906	0.378175	0.355821	0.457735
antisense	-	0	0	0	2	0	0	0	0	0	0.330067
antisense	-	6	3	5	2	3	4	0.558214	0.357915	0.561265	0.288809
antisense	-	5	0	3	1	2	1	0.279107	0	0.202055	0.086643
pseudogen	-	0	1	0	0	0	0	0	0.052515	0	0
processed_	-	0	3	1	2	3	1	0	0.377384	0.118359	0.304518
pseudogen	-	2	0	2	3	6	2	0.079475	0	0.095891	0.185033
pseudogen	-	0	0	1	0	0	0	0	0	0.035075	0
pseudogen	mesoderm_	1	1	0	0	0	0	0.04844	0.062118	0	0
pseudogen	-	0	0	1	0	0	0	0	0	0.096545	0
antisense	LNX1_antis	1	0	0	2	0	0	0.085255	0	0	0.264654
pseudogen	glyceraldeh	1	0	0	3	6	2	0.04849	0	0	0.22579
lincRNA	-	0	0	0	4	5	0	0	0	0	0.581076
processed_	-	3	3	3	1	4	1	0.060141	0.077122	0.072564	0.031116
pseudogen	-	0	0	0	0	0	2	0	0	0	0
pseudogen	-	0	0	0	0	1	3	0	0	0	0
antisense	-	0	8	1	1	0	0	0	1.963422	0.23092	0.29706
lincRNA	-	0	0	0	0	0	1	0	0	0	0
processed_	-	4	2	4	1	4	4	0.32733	0.209877	0.394942	0.127015
lincRNA	-	3	0	0	0	0	0	0.122963	0	0	0
lincRNA	long_interg	1	1	0	1	1	0	0.079073	0.101399	0	0.122732
pseudogen	glutamate_	52	48	48	16	44	18	2.721296	3.221239	3.030831	1.299639
processed_	-	4	0	0	0	0	0	0.209097	0	0	0
pseudogen	-	0	0	1	0	0	1	0	0	0.066093	0
processed_	-	0	0	1	2	3	1	0	0	0.099605	0.256267
pseudogen	-	0	0	0	2	3	0	0	0	0	0.35416
lincRNA	-	1	0	1	0	0	0	0.076368	0	0.092143	0
processed_	-	3	3	3	0	1	1	0.264417	0.339078	0.319035	0
lincRNA	-	10	4	5	0	0	0	1.113777	0.571304	0.671918	0
lincRNA	-	16	14	15	0	0	0	1.320846	1.482072	1.494071	0
antisense	-	0	1	0	0	2	0	0	0.385447	0	0
pseudogen	-	2	1	1	4	3	2	0.030768	0.019728	0.018562	0.095512
pseudogen	-	0	3	0	1	0	1	0	0.234577	0	0.094642
processed_	-	2	0	0	55	64	30	0.020725	0	0	0.884616
antisense	-	27	26	32	20	31	14	1.60257	1.978955	2.291666	1.842527
antisense	-	4	3	7	2	3	2	0.329053	0.316473	0.694787	0.255368
pseudogen	MHC_class_	15	14	11	20	10	4	0.607909	0.727586	0.537883	1.258078
lincRNA	-	13	7	8	2	0	1	1.130928	0.780906	0.839711	0.270055
lincRNA	-	0	0	0	15	17	45	0	0	0	1.528987
pseudogen	-	3	1	0	0	0	0	0.132458	0.056619	0	0
pseudogen	-	0	1	0	0	0	0	0	0.124492	0	0
antisense	-	6	3	10	12	12	10	0.580083	0.371937	1.166505	1.800737
pseudogen	-	2	4	5	0	6	5	0.224354	0.575405	0.67674	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
processed_	-	82	72	94	0	0	0	4.800226	5.404925	6.639323	0
pseudogen	oral_cance	0	0	0	0	4	5	0	0	0	0
lincRNA	-	2	1	2	1	2	0	0.123071	0.07891	0.148492	0.095512
antisense	-	22	17	20	3	0	2	0.425043	0.421181	0.466218	0.089963
pseudogen	glyceraldeh	1	0	0	0	0	0	0.047364	0	0	0
lincRNA	SLC25A30_	0	0	3	0	5	0	0	0	0.242121	0
antisense	-	2	3	1	1	0	1	0.117225	0.225487	0.070719	0.090975
processed_	THAP9_ant	159	175	208	288	319	269	2.884144	4.070683	4.552304	8.108543
sense_intrc	-	2	2	3	4	0	2	0.029705	0.038093	0.053762	0.092214

pseudogen	-	0	0	1	0	0	0	0	0	0.100311	0
lincRNA	-	0	0	0	0	3	0	0	0	0	0
lincRNA	-	0	0	0	69	69	97	0	0	0	8.341871
antisense	-	12	11	10	4	2	1	0.138047	0.162274	0.138802	0.071423
processed_	-	0	0	3	0	0	2	0	0	0.373847	0
pseudogen	zinc_finger_	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	1	0	7	3	1	0	0.192724	0	1.63288
pseudogen	ankyrin_rep	1	0	0	0	0	0	0.035256	0	0	0
processed_	-	0	0	0	0	2	5	0	0	0	0
pseudogen	BMS1_pseu	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	0	2	1	2	0	0	0	0.159256
pseudogen	nudix_(nuc	6	1	2	0	0	0	0.494447	0.105676	0.198859	0
antisense	HTT_antise	0	0	0	0	0	1	0	0	0	0
antisense	-	0	0	0	3	0	1	0	0	0	0.307088
pseudogen	BMS1_pseu	3	3	4	2	1	0	0.07571	0.097088	0.121799	0.078342
antisense	-	76	40	39	111	140	21	1.962358	1.324445	1.215003	4.448545
pseudogen	-	0	2	1	0	0	0	0	0.737789	0.347089	0
pseudogen	C-terminal_	0	0	0	2	3	0	0	0	0	0.158217
pseudogen	FCF1_small	0	1	1	0	1	1	0	0.10072	0.094766	0
pseudogen	-	0	0	0	1	1	3	0	0	0	0.115158
processed_	-	1	0	0	0	0	0	0.112177	0	0	0
processed_	-	1	0	0	0	1	1	0.05365	0	0	0
lincRNA	-	2	1	0	0	0	0	0.034102	0.021865	0	0
antisense	WWC2_ant	0	0	0	1	2	0	0	0	0	0.180148
lincRNA	-	2	1	1	2	4	5	0.127766	0.081921	0.077078	0.19831
antisense	-	0	1	1	2	1	2	0	0.127394	0.119863	0.308389
pseudogen	-	0	0	0	0	1	0	0	0	0	0
processed_	-	83	58	67	36	44	41	1.023638	0.917288	0.996991	0.68913
lincRNA	-	0	1	0	0	2	2	0	0.062246	0	0
antisense	-	67	66	75	24	10	13	4.053718	5.120731	5.475049	2.253826
antisense	-	17	4	3	4	9	3	0.188313	0.05682	0.040096	0.068774
lincRNA	-	5	3	10	0	0	0	0.816899	0.628534	1.971272	0
antisense	-	0	0	0	0	2	0	0	0	0	0
antisense	HOXC_clust	2	2	1	0	0	0	0.033303	0.042706	0.020091	0
lincRNA	-	0	0	0	2	4	0	0	0	0	0.036218
pseudogen	-	2	3	1	1	2	4	0.504194	0.969835	0.304169	0.391289
pseudogen	-	0	1	2	0	0	1	0	0.01388	0.02612	0
processed_	-	2	1	2	0	0	0	0.047628	0.030538	0.057466	0
lincRNA	-	11	5	3	6	5	3	0.875705	0.51044	0.28816	0.74139
lincRNA	highly_up-r	0	0	0	2	0	0	0	0	0	0.261798
processed_	-	0	0	0	5	3	1	0	0	0	0.240674
processed_	-	2	0	0	1	1	0	0.155781	0	0	0.120897
antisense	-	2	1	0	3	2	0	0.147221	0.094395	0	0.342762
pseudogen	-	0	0	0	0	1	0	0	0	0	0
antisense	-	0	2	1	2	4	2	0	0.25002	0.117621	0.302619
antisense	-	12	8	6	0	3	1	0.75024	0.641384	0.452604	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
antisense	-	0	0	4	1	0	0	0	0	0.340816	0.109608
pseudogen	-	13	8	20	73	102	92	1.108309	0.874615	2.057291	9.659865
lincRNA	-	0	0	0	0	1	0	0	0	0	0
lincRNA	long_interg	8	5	8	0	0	0	0.26718	0.214137	0.322368	0
protein_co	zinc_finger_	96	79	104	74	108	131	1.105191	1.166279	1.444599	1.322294
sense_intro	-	25	20	28	0	0	0	1.665128	1.708233	2.250162	0
pseudogen	-	7	5	10	23	34	148	0.410288	0.375811	0.707194	2.092419
protein_co	TMED7-TIC/	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	0	1	0	0	0	0	0	0.084567	0
lincRNA	-	0	0	0	0	2	0	0	0	0	0
pseudogen	-	0	0	1	2	1	2	0	0	0.065709	0.169059
lincRNA	-	0	0	0	0	1	2	0	0	0	0
lincRNA	-	4	5	1	3	3	4	0.426273	0.683293	0.128581	0.496226
antisense	CNOT10_ar	0	0	1	1	0	2	0	0	0.121407	0.15618
lincRNA	-	0	0	0	1	2	3	0	0	0	0.019756
pseudogen	-	17	15	22	17	16	27	0.8857	1.002163	1.382957	1.37473
processed_	-	1	0	1	0	0	0	0.064321	0	0.077607	0
pseudogen	proteasom	0	0	0	0	2	0	0	0	0	0

pseudogen	-	0	0	0	1	1	0	0	0	0	0.153221
protein_co	zinc_finger_	46	35	36	54	55	72	0.611551	0.596695	0.577465	1.114292
processed_	-	0	0	0	1	0	0	0	0	0	0.027443
lincRNA	-	1	0	0	0	0	0	0.141235	0	0	0
pseudogen	general_tra	8	9	8	0	0	0	0.555734	0.801731	0.670525	0
antisense	-	5	5	5	0	0	0	0.514145	0.659318	0.620345	0
protein_co	ret_finger_	0	1	0	0	0	0	0	0.031647	0	0
lincRNA	-	2	0	1	1	5	6	0.17082	0	0.103052	0.132568
antisense	WDFY3_ant	0	0	0	0	1	0	0	0	0	0
processed_	-	40	31	46	35	24	46	1.764441	1.75355	2.448234	2.396325
antisense	-	0	0	0	3	1	6	0	0	0	0.556988
pseudogen	asparagine-	3	2	1	24	35	15	0.183164	0.156588	0.073666	2.274369
antisense	-	0	0	2	0	1	1	0	0	0.215116	0
antisense	-	1	4	7	1	0	1	0.058907	0.30216	0.497523	0.091432
lincRNA	-	1	2	0	0	0	0	0.110329	0.282964	0	0
pseudogen	ALG1_chitc	4	5	2	21	15	7	0.19356	0.310267	0.116771	1.577271
pseudogen	-	1	2	0	3	0	1	0.037784	0.096905	0	0.175938
lincRNA	-	0	0	0	2	6	6	0	0	0	0.227793
pseudogen	tubulin_be	0	0	1	3	1	0	0	0	0.043353	0.16731
antisense	-	0	0	0	1	1	1	0	0	0	0.128133
lincRNA	-	0	0	2	0	1	2	0	0	0.125167	0
pseudogen	-	1	0	2	5	2	2	0.101935	0	0.24598	0.791085
antisense	-	1	0	2	0	0	0	0.060896	0	0.146949	0
pseudogen	-	0	0	0	0	2	0	0	0	0	0
processed_	-	1	0	0	0	0	0	0.080706	0	0	0
lincRNA	-	3	1	2	0	0	0	0.067274	0.028756	0.054113	0
protein_co	SH3_and_n	732	584	562	695	1015	494	4.642074	4.749229	4.300167	6.840947
lincRNA	-	3	5	1	9	14	4	0.08567	0.183099	0.034455	0.398915
antisense	-	0	0	0	1	0	0	0	0	0	0.165409
lincRNA	-	1	1	0	0	0	0	0.07225	0.09265	0	0
antisense	-	0	4	1	1	1	3	0	0.467936	0.110069	0.141595
processed_	-	0	0	0	17	18	31	0	0	0	2.295467
pseudogen	-	2	0	0	4	8	1	0.132085	0	0	0.410027
pseudogen	reticulon_3	2	0	1	2	0	2	0.131899	0	0.079572	0.204725
pseudogen	-	0	0	0	0	0	3	0	0	0	0
pseudogen	heat_shock	17	18	18	4	5	0	0.468349	0.63592	0.598331	0.171045
processed_	-	0	0	0	0	1	0	0	0	0	0
pseudogen	MT-ND3_ps	0	0	1	0	1	0	0	0	0.169896	0
pseudogen	-	0	0	1	1	2	1	0	0	0.072626	0.093427
pseudogen	RAB5C_me	0	1	1	0	0	0	0	0.094395	0.088816	0
lincRNA	WWC2_ant	14	12	11	23	63	17	0.300715	0.330535	0.28508	0.766805
lincRNA	-	2	2	3	2	1	0	0.150048	0.192415	0.271562	0.232895
lincRNA	-	30	42	33	73	88	46	2.021121	3.628522	2.682459	7.633514
antisense	-	1	2	4	15	21	5	0.010577	0.027128	0.051049	0.246266
protein_co	zinc_finger_	106	72	83	126	120	148	1.154551	1.005655	1.09077	2.130141
lincRNA	-	6	5	7	3	1	1	0.167564	0.179064	0.235872	0.130041
pseudogen	-	0	0	1	2	1	1	0	0	0.549277	1.4132
antisense	-	0	0	2	0	0	0	0	0	0.129909	0
processed_	-	13	10	8	4	6	4	0.391252	0.385942	0.290503	0.186854
lincRNA	-	2	2	3	2	1	0	0.169584	0.217468	0.30692	0.263218
lincRNA	-	3	0	3	0	0	0	0.227254	0	0.274195	0
processed_	-	8	0	3	0	0	0	0.28247	0	0.127806	0
processed_	-	3	12	9	9	12	3	0.057557	0.295236	0.208339	0.268011
lincRNA	-	0	0	0	1	0	0	0	0	0	0.205014
pseudogen	aldehyde_d	3	0	0	5	1	1	0.091761	0	0	0.237377
pseudogen	family_with	0	0	1	1	3	1	0	0	0.040673	0.052322
processed_	-	15	23	21	13	7	2	0.353087	0.69427	0.596429	0.474969
lincRNA	-	0	0	0	5	7	0	0	0	0	0.088304
lincRNA	-	0	0	1	0	0	1	0	0	0.094293	0
pseudogen	-	2	3	3	6	7	5	0.084487	0.162513	0.152907	0.393404
antisense	-	14	12	20	3	15	9	1.243296	1.366586	2.143012	0.413522
lincRNA	-	0	0	0	0	2	1	0	0	0	0
lincRNA	-	9	4	2	2	2	1	0.218658	0.124621	0.058627	0.075419
lincRNA	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	3	3	1	2	1	0	0.045159	0.05791	0.018162	0.046729

processed_	-	48	38	25	14	21	10	1.118649	1.135652	0.702976	0.50642
pseudogen	regulator_c	4	3	0	0	1	0	0.050898	0.048952	0	0
processed_	-	6	3	2	0	0	0	0.128701	0.08252	0.051762	0
lincRNA	-	2	0	0	0	0	0	0.181393	0	0	0
pseudogen	-	0	0	0	1	0	2	0	0	0	0.632868
lincRNA	-	0	0	0	1	0	0	0	0	0	0.286535
pseudogen	MT-ND1_ps	0	0	0	3	1	4	0	0	0	0.693141
antisense	-	0	0	0	3	2	6	0	0	0	0.32833
pseudogen	-	2	1	1	4	3	0	0.311562	0.199767	0.187958	0.967173
antisense	-	0	2	0	9	7	3	0	0.046885	0	0.255368
sense_intrc	-	0	0	0	0	1	0	0	0	0	0
antisense	-	1	0	1	0	4	1	0.173026	0	0.208766	0
pseudogen	FK506_bin	0	0	0	0	1	0	0	0	0	0
pseudogen	-	2	1	1	4	2	1	0.12971	0.083167	0.078251	0.402655
pseudogen	-	0	1	0	12	9	19	0	0.042405	0	0.615908
pseudogen	ribosomal_	273	247	261	220	244	135	4.545801	5.274169	5.243681	5.685922
pseudogen	-	0	1	0	0	1	0	0	0.122215	0	0
pseudogen	-	0	0	1	0	0	0	0	0	0.03622	0
pseudogen	-	0	0	3	7	2	9	0	0	0.278697	0.836549
pseudogen	-	6	1	4	0	1	1	0.357031	0.076307	0.287185	0
lincRNA	-	1	0	0	0	0	0	0.079881	0	0	0
protein_co	forkhead_b	23	15	9	0	0	0	0.475097	0.397333	0.224308	0
pseudogen	peptidylpr	3	4	3	7	3	7	0.285335	0.487869	0.344273	1.033385
lincRNA	-	3	1	6	3	7	2	0.064204	0.027444	0.154931	0.099653
lincRNA	-	0	0	0	0	1	5	0	0	0	0
pseudogen	-	0	0	0	0	2	0	0	0	0	0
processed_	-	0	1	1	0	0	0	0	0.067335	0.063354	0
lincRNA	-	0	1	2	0	0	0	0	0.110128	0.207236	0
pseudogen	-	7	7	6	1	2	6	0.611229	0.783815	0.632129	0.13553
pseudogen	inositol(my	1	0	1	0	0	0	0.055689	0	0.067192	0
antisense	-	6	5	9	1	2	1	0.575338	0.614824	1.041267	0.148834
lincRNA	-	1	0	0	0	0	0	0.080291	0	0	0
lincRNA	long_interg	0	0	0	20	39	4	0	0	0	0.934272
pseudogen	-	1	3	5	1	6	0	0.088639	0.341001	0.53474	0.13758
lincRNA	-	0	0	2	12	9	14	0	0	0.056974	0.439757
protein_co	Uncharacte	1	0	1	0	0	1	0.008504	0	0.01026	0
lincRNA	-	0	1	0	0	0	0	0	0.03642	0	0
processed_	-	2	1	3	0	2	0	0.160582	0.102962	0.290628	0
pseudogen	MT-ND5_ps	0	0	0	0	0	1	0	0	0	0
pseudogen	-	3	0	0	1	1	1	0.227254	0	0	0.117576
pseudogen	-	14	4	0	3	8	11	2.131364	0.780906	0	0.708894
pseudogen	coenzyme_	2	0	0	2	0	2	0.12953	0	0	0.201049
antisense	-	0	3	1	4	3	7	0	0.41091	0.128874	0.663142
lincRNA	metastasis_	8079	6761	6502	3281	5092	3794	43.50304	46.68553	42.24322	27.42197
lincRNA	-	0	0	0	1	3	3	0	0	0	0.083177
pseudogen	ALG3_alph	0	0	0	1	1	0	0	0	0	0.065332
lincRNA	-	0	0	0	1	0	0	0	0	0	0.093668
lincRNA	-	1	0	0	0	0	0	0.037067	0	0	0
processed_	-	1	0	0	0	0	0	0.056836	0	0	0
pseudogen	-	2	1	0	1	0	0	0.179312	0.114971	0	0.139158
antisense	-	0	4	0	0	4	0	0	0.569951	0	0
processed_	-	2	5	8	0	4	3	0.184606	0.591829	0.890953	0
antisense	TET2_antise	0	1	1	0	0	1	0	0.111974	0.105355	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	moesin_pse	0	2	7	0	3	0	0	0.069434	0.228654	0
processed_	-	4	6	4	2	1	0	0.065306	0.125619	0.078796	0.050682
pseudogen	ATP-bindin	14	10	12	15	13	17	0.311119	0.284975	0.321756	0.517392
pseudogen	hydroxyacy	3	1	1	0	2	3	0.061589	0.026327	0.02477	0
lincRNA	-	0	0	0	0	2	0	0	0	0	0
processed_	-	1	1	0	0	1	0	0.035986	0.046147	0	0
antisense	-	56	40	31	29	39	64	1.15219	1.055372	0.769566	0.926114
antisense	-	3	0	0	90	88	65	0.46273	0	0	21.54665
lincRNA	-	4	1	2	3	13	11	0.240462	0.077089	0.145065	0.279922
pseudogen	SET_pseudo	2	1	8	18	15	7	0.116497	0.074695	0.562241	1.627374
lincRNA	-	3	0	1	26	24	3	0.392933	0	0.158032	5.285684

pseudogen	heat_shock	1	0	0	0	2	1	0.03091	0	0	0
lincRNA	-	15	4	10	2	13	9	0.307543	0.105168	0.247379	0.063647
antisense	STPG2_anti	0	0	0	1	2	0	0	0	0	0.13553
lincRNA	-	0	0	0	0	1	0	0	0	0	0
pseudogen	unc-93_hor	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	1	0	0	0	0	0	0.027795	0	0	0
lincRNA	-	0	2	0	0	0	0	0	0.053118	0	0
pseudogen	-	16	13	20	6	8	19	0.26315	0.27418	0.396882	0.153167
sense_intro	EMCN_intr	0	1	0	0	0	0	0	0.12501	0	0
lincRNA	-	1	0	0	1	3	5	0.013844	0	0	0.021488
antisense	-	0	0	0	0	2	0	0	0	0	0
lincRNA	-	0	0	0	0	0	3	0	0	0	0
protein_co	proline-rich	0	1	0	0	0	0	0	0.051262	0	0
processed_	-	3	1	0	0	1	0	0.194028	0.082938	0	0
processed_	-	8	3	16	8	12	5	0.325908	0.156724	0.786454	0.505854
protein_co	protocadhe	54	62	55	54	84	62	0.483864	0.712411	0.594621	0.751024
lincRNA	-	0	1	0	0	0	0	0	0.07621	0	0
sense_intro	ZNF346_int	11	9	8	6	9	5	0.692336	0.7264	0.607522	0.586146
pseudogen	-	6	2	0	6	5	2	0.295836	0.126456	0	0.459179
pseudogen	family_with	6	13	11	35	41	34	0.098889	0.274758	0.218745	0.895358
lincRNA	-	1	0	0	0	0	0	0.102604	0	0	0
antisense	-	10	11	12	25	41	28	0.706175	0.996126	1.022449	2.740203
lincRNA	-	0	0	0	0	0	1	0	0	0	0
antisense	-	3	0	2	0	0	0	0.222932	0	0.17932	0
pseudogen	-	5	4	5	2	4	1	0.396701	0.40697	0.478642	0.246294
antisense	-	1	3	1	23	26	20	0.059055	0.227191	0.071254	2.108231
lincRNA	-	0	1	1	0	0	0	0	0.058492	0.055035	0
pseudogen	-	7	4	5	33	55	46	1.058807	0.775868	0.912508	7.747527
protein_co	pentraxin_	1	1	4	5	4	3	0.03093	0.039663	0.149276	0.240039
protein_co	HCG17745	1	0	0	0	0	0	0.028962	0	0	0
antisense	-	1	0	0	0	0	1	0.06558	0	0	0
antisense	-	37	23	21	19	38	14	0.736701	0.587255	0.504495	0.587183
lincRNA	-	4	0	2	0	0	0	0.23893	0	0.144141	0
antisense	-	2	1	3	3	0	5	0.230418	0.147739	0.417018	0.53646
lincRNA	-	1	0	1	1	0	0	0.075024	0	0.090521	0.116448
pseudogen	-	2	1	2	0	1	1	0.095499	0.061232	0.115225	0
antisense	-	0	1	3	1	1	1	0	0.09015	0.254463	0.109115
processed_	-	1	0	0	0	0	1	0.028767	0	0	0
antisense	-	1	1	0	0	8	4	0.083882	0.107567	0	0
lincRNA	-	1	2	3	0	0	0	0.13552	0.347571	0.490539	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.152899
lincRNA	-	1	0	0	1	0	0	0.062271	0	0	0.096653
lincRNA	-	0	0	0	2	1	0	0	0	0	0.168277
pseudogen	-	0	0	0	2	0	1	0	0	0	0.302619
lincRNA	-	18	15	15	0	0	0	1.632534	1.744578	1.641456	0
protein_co	protocadhe	9	13	6	12	17	5	0.0889	0.16467	0.071509	0.183981
lincRNA	-	75	70	78	1	1	0	3.217522	3.850948	4.03741	0.066587
lincRNA	-	0	1	0	0	0	0	0	0.079222	0	0
pseudogen	-	1	2	0	0	0	0	0.285915	0.73329	0	0
antisense	KIAA0196_	3	1	2	0	0	1	0.239642	0.102436	0.192762	0
antisense	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	0	29	22	48	0	0	0	4.020218
antisense	-	3	5	1	0	0	0	0.217419	0.464682	0.087443	0
pseudogen	-	0	0	0	0	1	1	0	0	0	0
antisense	-	2	7	2	6	7	5	0.106086	0.476141	0.127999	0.493981
pseudogen	-	1	0	0	1	1	0	0.12504	0	0	0.194079
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	3	4	7	1	0	1	0.322638	0.55165	0.908322	0.166926
lincRNA	-	1	0	1	0	0	0	0.10238	0	0.123527	0
antisense	HOXA_clust	59	43	69	0	0	2	2.382869	2.227029	3.362369	0
lincRNA	-	0	0	1	0	0	0	0	0	0.170923	0
lincRNA	-	0	0	2	3	1	0	0	0	0.118607	0.228867
pseudogen	Fc_fragmen	1	1	0	0	0	0	0.041791	0.053592	0	0
antisense	-	0	1	0	0	0	1	0	0.127664	0	0

antisense	-	0	0	0	3	0	0	0	0	0	0.32588
processed_	-	0	1	0	1	0	0	0	0.099883	0	0.120897
antisense	-	47	32	28	7	8	10	0.801393	0.699692	0.576042	0.185258
pseudogen	glucuronid	93	70	57	52	41	59	3.268944	3.155237	2.417394	2.836994
pseudogen	-	0	1	2	0	1	0	0	0.217862	0.409967	0
lincRNA	-	1	1	0	0	0	0	0.026612	0.034126	0	0
pseudogen	-	0	0	0	1	0	1	0	0	0	0.091547
antisense	-	3	11	11	10	28	9	0.278555	1.309758	1.232338	1.441184
pseudogen	-	2	1	3	2	4	7	0.083957	0.053832	0.151949	0.130313
pseudogen	Kruppel-lik	5	3	0	4	2	3	0.229403	0.176506	0	0.284852
pseudogen	HIG1_hypo	0	0	1	0	0	0	0	0	0.20278	0
processed_	long_interg	0	0	0	539	720	264	0	0	0	11.76614
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	3	1	0	0	0	0	0.346903	0.108799	0
pseudogen	MT-ND1_ps	0	1	0	0	0	0	0	0.064241	0	0
protein_co	uncharacte	22	24	28	41	29	39	1.153893	1.614223	1.77194	3.337776
protein_co	CDNA_FLJ2	22	17	14	13	17	20	0.584134	0.578826	0.448503	0.535752
lincRNA	-	0	0	0	1	6	23	0	0	0	0.22189
pseudogen	MT-ND4_ps	0	0	1	0	0	0	0	0	0.435196	0
sense_intrc	-	4	6	1	1	1	0	0.351895	0.676883	0.106145	0.136547
lincRNA	prostate_ca	0	0	2	2	0	0	0	0	0.196784	0.253147
lincRNA	-	2	0	1	0	0	3	0.088139	0	0.053172	0
pseudogen	-	0	0	0	0	0	3	0	0	0	0
protein_co	coiled-coil_	385	292	295	84	131	60	4.265751	4.148842	3.943708	1.44459
lincRNA	-	0	1	0	0	0	0	0	0.082257	0	0
sense_intrc	-	9	2	2	8	17	21	0.07828	0.022307	0.020989	0.108002
pseudogen	-	0	0	1	1	0	0	0	0	0.067755	0.087161
protein_co	homeobox_	339	250	281	0	0	13	6.255693	5.915958	6.25648	0
antisense	-	0	3	0	0	1	0	0	0.382181	0	0
processed_	-	0	0	0	0	2	0	0	0	0	0
lincRNA	STAU2_anti	0	2	0	1	0	0	0	0.057929	0	0.035058
protein_co	transmemb	299	224	250	754	1344	956	5.491624	5.275783	5.5401	21.4947
protein_co	protocadhe	2016	1533	1594	104	155	134	20.55453	20.04327	19.60891	1.645814
antisense	-	0	3	3	2	1	8	0	0.454381	0.427523	0.366649
lincRNA	-	4	1	0	0	3	4	0.247768	0.079432	0	0
protein_co	serpin_pep	32	30	36	24	29	34	0.654374	0.786696	0.888233	0.76176
protein_co	chromosor	0	0	0	202	185	131	0	0	0	9.946901
lincRNA	-	1	1	3	1	0	1	0.058759	0.075351	0.21269	0.091203
protein_co	HCG15011	43	18	13	28	40	20	2.667025	1.431662	0.972859	2.695548
pseudogen	-	0	2	0	0	1	2	0	0.096749	0	0
antisense	RAD21_ant	1	0	0	4	2	0	0.023328	0	0	0.144835
pseudogen	-	1	0	0	8	2	2	0.158949	0	0	1.97369
pseudogen	-	8	2	3	6	9	4	0.338556	0.108538	0.153183	0.394114
pseudogen	-	0	1	0	0	1	0	0	0.162075	0	0
antisense	-	0	1	0	1	0	0	0	0.125795	0	0.152259
antisense	-	1	3	1	1	2	1	0.086037	0.33099	0.103808	0.133541
pseudogen	-	6	4	1	10	7	4	0.281059	0.240279	0.056519	0.727071
antisense	-	16	6	8	4	5	4	1.462457	0.703272	0.882269	0.567484
antisense	microRNA_	0	0	0	12	12	3	0	0	0	1.45076
protein_co	Uncharacte	0	0	0	1	1	1	0	0	0	0.101083
antisense	taurine_up	2073	1742	1679	1051	1187	1400	17.13432	18.46397	16.74428	13.48344
processed_	-	0	0	4	0	1	0	0	0	0.454422	0
sense_intrc	-	0	1	0	0	0	4	0	0.126856	0	0
antisense	-	1	1	0	0	1	2	0.117814	0.15108	0	0
lincRNA	-	4	2	3	4	4	0	0.494881	0.317308	0.447827	0.768125
pseudogen	-	8	7	12	11	8	5	0.586125	0.65767	1.060791	1.250903
protein_co	TMF1-regul	107	87	84	726	1249	926	2.562427	2.671753	2.427141	26.98577
lincRNA	-	0	0	0	3	1	4	0	0	0	0.367575
pseudogen	-	4	0	0	0	0	0	1.705092	0	0	0
lincRNA	-	0	0	2	0	0	0	0	0	0.184285	0
sense_intrc	-	4	2	0	5	5	6	0.247441	0.158654	0	0.480078
protein_co	Uncharacte	0	2	1	8	13	6	0	0.066922	0.031483	0.324006
pseudogen	-	0	0	0	0	0	2	0	0	0	0
pseudogen	-	0	0	1	0	0	0	0	0	0.050559	0

lincRNA	-	2	0	5	2	3	1	0.121792	0	0.367373	0.189038
antisense	-	1	0	0	1	0	0	0.043097	0	0	0.066893
lincRNA	-	2	3	2	1	2	0	0.148857	0.286332	0.179605	0.115523
antisense	-	5	3	0	2	3	1	0.302126	0.232461	0	0.187577
pseudogen	RAN_memb	0	1	0	0	0	0	0	0.221881	0	0
lincRNA	-	0	3	0	0	0	1	0	0.41951	0	0
antisense	-	0	0	1	0	0	0	0	0	0.174078	0
sense_intrc	-	1	1	0	3	1	4	0.106327	0.136349	0	0.495101
lincRNA	-	0	0	0	3	1	1	0	0	0	0.588516
antisense	-	1	0	0	0	0	0	0.079881	0	0	0
antisense	EVX1_antis	0	0	4	0	0	2	0	0	0.392885	0
antisense	-	0	1	0	0	1	0	0	0.073779	0	0
sense_intrc	-	6	1	5	0	0	1	0.551647	0.117902	0.554662	0
lincRNA	-	0	1	1	0	0	0	0	0.025885	0.024355	0
antisense	-	0	0	0	0	2	0	0	0	0	0
lincRNA	-	1	0	1	0	0	0	0.085566	0	0.10324	0
protein_co	Uncharacte	11	2	6	29	54	55	0.624443	0.145593	0.41096	2.555223
lincRNA	-	0	0	0	2	2	4	0	0	0	0.283742
sense_intrc	-	0	1	0	2	0	0	0	0.118366	0	0.286535
pseudogen	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
sense_intrc	-	0	0	0	0	1	1	0	0	0	0
lincRNA	prostate_ca	1	0	0	1	1	1	0.023539	0	0	0.036536
antisense	-	0	0	1	0	0	0	0	0	0.103808	0
lincRNA	-	9	10	3	0	0	0	0.730121	1.040308	0.293644	0
pseudogen	-	0	0	1	1	0	1	0	0	0.164464	0.211569
lincRNA	-	2	1	5	0	0	0	0.324498	0.208062	0.978815	0
antisense	-	1	3	1	0	0	0	0.086513	0.332822	0.104383	0
protein_co	small_integ	1	0	1	1	2	1	0.051812	0	0.062514	0.08042
protein_co	Full-length_	5	1	5	3	3	3	0.138728	0.03558	0.167383	0.129195
pseudogen	high_mobil	3	0	2	1	0	1	0.243796	0	0.196102	0.126135
pseudogen	-	1	0	3	0	0	0	0.079881	0	0.289142	0
antisense	-	0	0	0	0	1	1	0	0	0	0
sense_intrc	-	2	1	0	0	2	2	0.331378	0.212473	0	0
lincRNA	-	5	8	7	4	3	0	0.444034	0.911058	0.750054	0.551362
antisense	-	6	6	4	16	32	10	0.389668	0.499694	0.313438	1.612849
lincRNA	-	1	0	0	0	0	0	0.041349	0	0	0
pseudogen	-	0	0	0	0	0	2	0	0	0	0
pseudogen	-	4	3	5	2	0	1	0.361387	0.347571	0.545043	0.280462
lincRNA	-	0	0	0	0	1	1	0	0	0	0
protein_co	protocadhe	7	5	6	12	10	5	0.071323	0.06533	0.073762	0.189778
lincRNA	-	2	1	0	0	0	0	0.03147	0.020178	0	0
pseudogen	cadherin_1	0	1	0	0	1	0	0	0.20383	0	0
lincRNA	-	29	31	32	2	0	0	2.504255	3.432824	3.3341	0.268066
pseudogen	-	0	0	0	2	2	2	0	0	0	0.284296
antisense	-	10	13	16	0	0	0	0.449138	0.748743	0.867058	0
pseudogen	ATPase_H+_	1	0	0	1	1	0	0.13552	0	0	0.210346
lincRNA	-	0	1	1	0	0	0	0	0.110533	0.103999	0
lincRNA	-	0	0	0	590	660	404	0	0	0	48.57475
lincRNA	-	39	30	33	0	0	0	3.289048	3.244413	3.357899	0
antisense	-	0	0	0	1	0	0	0	0	0	0.17665
antisense	-	0	0	0	0	1	0	0	0	0	0
pseudogen	high_mobil	1	1	1	0	1	0	0.106568	0.136659	0.128581	0
antisense	-	4	13	9	2	6	2	0.101659	0.423679	0.275978	0.078894
pseudogen	-	0	0	2	2	6	3	0	0	0.390176	0.50193
lincRNA	hsa-mir-14	0	0	2	0	1	0	0	0	0.049175	0
lincRNA	-	0	1	0	0	0	0	0	0.135123	0	0
pseudogen	-	3	1	0	2	1	1	0.500605	0.213985	0	0.518006
sense_intrc	-	1	0	0	1	1	0	0.078807	0	0	0.122319
antisense	-	0	1	0	3	2	0	0	0.081147	0	0.294655
pseudogen	-	0	0	0	0	2	0	0	0	0	0
protein_co	protocadhe	2	3	1	2	6	3	0.020365	0.039173	0.012286	0.031609
antisense	-	3	1	2	1	0	0	0.217083	0.092793	0.174616	0.112315
pseudogen	family_witl	39	27	32	20	30	35	1.906893	1.692914	1.887817	1.517827
protein_co	pyrin_dom	0	1	0	0	0	0	0	0.204523	0	0

antisense	-	2	2	5	3	7	7	0.15868	0.203485	0.478642	0.369441
pseudogen	-	0	2	0	0	0	0	0	0.270855	0	0
antisense	HOXA_clus	79	65	86	0	0	0	1.508884	1.592031	1.981871	0
processed_	-	5	6	8	3	8	1	0.159598	0.245595	0.308103	0.148631
antisense	-	0	0	0	21	18	5	0	0	0	2.630595
pseudogen	-	2	0	0	0	0	0	0.066558	0	0	0
pseudogen	-	0	0	2	3	0	0	0	0	0.050067	0.09661
antisense	OSGEPL1_a	5	1	2	0	4	2	0.413492	0.106049	0.199561	0
antisense	-	1	0	0	0	1	0	0.105847	0	0	0
pseudogen	ring_finger_	2	2	6	2	5	5	0.173667	0.222703	0.628617	0.269555
antisense	-	0	0	0	1	0	0	0	0	0	0.160662
antisense	-	1	3	2	0	0	1	0.114366	0.439974	0.275978	0
pseudogen	-	0	3	1	0	0	1	0	0.683293	0.214301	0
antisense	-	1	2	3	4	5	0	0.093036	0.23861	0.336759	0.577617
lincRNA	-	0	0	0	4	2	0	0	0	0	0.398793
lincRNA	-	1	2	2	0	0	0	0.070195	0.180029	0.169388	0
sense_intrc	-	1	3	0	0	0	0	0.131714	0.506712	0	0
antisense	-	29	17	22	1	3	2	0.86557	0.650673	0.792273	0.046327
antisense	-	1	1	0	0	2	0	0.058907	0.07554	0	0
antisense	-	0	0	0	5	4	0	0	0	0	0.616778
protein_co	solute_carr	2	0	5	0	6	7	0.036519	0	0.110155	0
antisense	-	0	1	0	0	0	1	0	0.107953	0	0
lincRNA	-	0	1	0	0	0	0	0	0.109327	0	0
antisense	-	0	1	0	0	0	0	0	0.096208	0	0
antisense	-	2	1	2	0	0	0	0.039536	0.02535	0.047703	0
antisense	-	1	2	0	2	2	1	0.09688	0.24847	0	0.300743
antisense	-	0	0	0	1	3	1	0	0	0	0.181496
pseudogen	-	0	0	0	1	0	0	0	0	0	0.531239
pseudogen	-	0	0	1	1	0	1	0	0	0.143958	0.18519
protein_co	eukaryotic_	21	18	22	45	30	53	0.256965	0.282447	0.324807	0.854669
pseudogen	-	1	0	1	0	0	0	0.229853	0	0.277331	0
lincRNA	-	1	2	0	0	0	0	0.073037	0.18732	0	0
protein_co	Uncharacte	3	0	1	7	8	3	0.190095	0	0.076453	0.688458
lincRNA	-	1	0	0	0	0	0	0.079881	0	0	0
antisense	-	15	7	11	161	160	229	0.198183	0.118599	0.175354	3.301648
pseudogen	-	0	0	0	0	1	1	0	0	0	0
lincRNA	-	0	0	0	1	3	1	0	0	0	0.024147
lincRNA	-	3	1	4	0	1	5	0.250303	0.106993	0.402673	0
lincRNA	-	0	2	0	0	1	0	0	0.153392	0	0
antisense	-	1	0	1	0	0	1	0.038593	0	0.046564	0
antisense	protease_se	1	0	1	2	2	2	0.041754	0	0.050379	0.129617
lincRNA	-	0	0	0	0	0	1	0	0	0	0
antisense	-	0	0	0	0	3	1	0	0	0	0
pseudogen	immunoglo	0	0	1	0	0	0	0	0	0.119106	0
pseudogen	-	0	1	0	0	0	0	0	0.113026	0	0
processed_	-	5	5	1	0	0	0	0.099049	0.127017	0.023902	0
antisense	-	1	0	0	0	0	0	0.070724	0	0	0
antisense	ZFHX4_anti	99	65	61	0	0	1	2.713099	2.2843	2.017011	0
pseudogen	-	15	6	7	23	19	18	0.283723	0.145534	0.159753	0.675246
lincRNA	-	51	26	35	1	2	1	0.863318	0.564395	0.714853	0.026274
pseudogen	transgelin_	0	0	4	0	1	1	0	0	0.385523	0
lincRNA	-	3	0	0	0	0	0	0.287669	0	0	0
pseudogen	-	10	13	11	18	20	21	2.442188	4.071288	3.241305	6.823106
lincRNA	-	0	0	0	18	22	25	0	0	0	0.554865
lincRNA	-	1	2	2	0	0	0	0.061374	0.157408	0.148103	0
processed_	-	0	0	1	0	0	0	0	0	0.077078	0
lincRNA	-	0	0	0	7	3	10	0	0	0	0.625103
pseudogen	-	1	3	2	5	0	0	0.325625	1.252704	0.785771	2.527076
antisense	-	0	0	0	0	0	2	0	0	0	0
lincRNA	-	7	5	9	0	0	0	0.587174	0.537834	0.910876	0
processed_	-	7	3	4	3	4	0	0.183471	0.100833	0.126496	0.122046
processed_	-	1	0	0	36	14	18	0.016687	0	0	0.93241
antisense	-	0	1	1	0	2	3	0	0.103139	0.097042	0
protein_co	ALG11_alp	207	176	161	86	113	96	2.122045	2.313696	1.991398	1.3684
lincRNA	-	0	3	1	0	1	2	0	0.368142	0.11546	0

antisense	-	35	29	19	39	41	27	2.381931	2.530862	1.560137	4.119611
processed_	-	0	0	0	2	1	1	0	0	0	0.406591
protein_co	ataxin_7-lil	1834	1490	1471	1397	1712	1462	23.41309	24.39243	22.65793	27.68129
lincRNA	-	7	0	7	4	13	8	0.597869	0	0.721363	0.530272
pseudogen	-	0	0	0	1	0	0	0	0	0	0.257172
sense_intrc	-	0	0	0	1	0	0	0	0	0	0.042265
protein_co	protein_kir	9251	7438	8144	10030	10994	9818	32.11279	33.10967	34.10948	54.04067
antisense	-	4	1	3	8	3	5	0.342889	0.109927	0.310286	1.064421
protein_co	protocadhe	8	7	5	11	18	8	0.081459	0.091403	0.061428	0.17385
lincRNA	LZTS1_anti	6	12	5	1	1	2	0.315404	0.808921	0.317127	0.081592
lincRNA	-	0	0	0	1	1	0	0	0	0	0.019607
antisense	-	2	0	0	0	1	0	0.266421	0	0	0
antisense	-	301	267	244	169	155	214	3.301496	3.755475	3.229105	2.877143
sense_intrc	-	1	2	0	2	2	5	0.438224	1.123921	0	1.36037
antisense	-	0	0	0	0	0	1	0	0	0	0
antisense	-	2	0	0	1	2	0	0.016499	0	0	0.012804
antisense	-	1	0	0	0	0	0	0.097484	0	0	0
lincRNA	-	10	17	18	0	0	0	0.811246	1.768523	1.761867	0
antisense	-	4	3	3	3	8	4	0.419597	0.403556	0.379701	0.488455
lincRNA	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	2	0	0	5	11	4	0.168366	0	0	0.65332
protein_co	protocadhe	11	9	9	14	7	6	0.112007	0.117518	0.110571	0.221263
pseudogen	high_mobil	2	0	0	1	1	0	0.165106	0	0	0.128133
pseudogen	transmemb	2	2	4	9	4	8	0.121792	0.156181	0.293899	0.850673
pseudogen	-	0	0	0	2	0	0	0	0	0	0.207646
processed_	-	0	1	2	1	2	1	0	0.097455	0.183389	0.117958
lincRNA	-	0	0	0	1	1	2	0	0	0	0.149139
pseudogen	-	2	0	0	0	1	0	0.108542	0	0	0
lincRNA	-	0	3	3	0	0	0	0	0.574488	0.54053	0
pseudogen	-	0	1	2	1	0	0	0	0.069675	0.131114	0.084333
pseudogen	MT-ND1_ps	0	0	2	0	0	0	0	0	0.120373	0
protein_co	UTP14_U3_	743	594	647	406	477	490	6.301191	6.459956	6.620429	5.344294
processed_	-	1	0	0	3	1	2	0.063537	0	0	0.295853
lincRNA	-	0	0	0	1	0	0	0	0	0	0.255368
antisense	-	3	0	2	0	0	0	0.249858	0	0.200979	0
pseudogen	-	22	17	45	39	31	28	1.739596	1.723788	4.293251	4.78653
lincRNA	-	0	0	0	1	0	0	0	0	0	0.128359
lincRNA	-	0	0	0	1	0	2	0	0	0	0.153544
antisense	-	0	4	2	2	2	3	0	0.621497	0.29238	0.376123
processed_	-	12	6	10	0	0	0	0.55003	0.352667	0.553035	0
pseudogen	-	0	1	0	0	1	1	0	0.153785	0	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	2	0	0	0	0	0	0.147739	0	0
processed_	-	50	40	39	2	2	4	0.536008	0.549884	0.504446	0.033278
sense_intrc	-	0	0	0	7	8	4	0	0	0	4.994692
protein_co	protocadhe	71	38	53	48	56	88	0.721072	0.494895	0.649448	0.756645
antisense	-	1	0	0	0	2	4	0.088472	0	0	0
antisense	-	2	1	0	0	0	1	0.151994	0.097455	0	0
antisense	-	34	30	26	35	38	16	1.697828	1.92108	1.566521	2.712772
protein_co	Uncharacte	0	0	0	0	1	1	0	0	0	0
antisense	-	0	0	1	0	0	0	0	0	0.09978	0
antisense	-	0	0	0	0	0	1	0	0	0	0
processed_	-	43	36	31	0	0	0	0.392959	0.421881	0.341813	0
antisense	-	0	0	0	1	1	3	0	0	0	0.123775
pseudogen	phosphatid	1	0	0	0	2	0	0.071807	0	0	0
protein_co	protocadhe	26	18	17	55	63	36	0.309741	0.274984	0.244356	1.016994
antisense	-	2	0	2	0	0	0	0.160582	0	0.193752	0
sense_intrc	-	16	6	6	27	49	12	1.058167	0.508856	0.478777	2.771586
pseudogen	-	3	1	6	1	0	0	0.047316	0.020225	0.114179	0.02448
pseudogen	ADP-ribosy	1	0	0	0	0	0	0.091761	0	0	0
lincRNA	-	0	0	0	0	2	0	0	0	0	0
antisense	family_witl	0	0	0	4	2	0	0	0	0	0.367575
lincRNA	-	0	0	1	0	0	0	0	0	0.017559	0
lincRNA	-	1	0	0	0	0	0	0.030828	0	0	0
pseudogen	-	0	0	0	0	2	0	0	0	0	0

lincRNA	-	0	0	0	2	2	3	0	0	0	0.25227
pseudogen	-	6	4	2	3	1	4	0.40952	0.350101	0.164703	0.317816
protein_co	protocadhe	27	15	16	16	31	21	0.275104	0.19599	0.196699	0.253037
antisense	-	1	1	0	1	0	2	0.155781	0.199767	0	0.241793
pseudogen	MAPRE1_p	1	3	1	2	0	0	0.058833	0.226335	0.070986	0.182634
pseudogen	-	0	0	0	9	7	7	0	0	0	0.728608
pseudogen	protein-kin	1	0	0	0	1	1	0.020476	0	0	0
antisense	-	2	1	0	1	2	0	0.164526	0.105491	0	0.127684
pseudogen	-	0	1	2	0	0	0	0	0.061672	0.116052	0
lincRNA	-	1	0	0	3	0	0	0.16169	0	0	0.752894
antisense	-	12	12	8	5	8	2	0.883328	1.132743	0.710524	0.57127
antisense	-	0	0	2	8	5	12	0	0	0.207998	1.070291
antisense	-	9	7	4	0	0	0	0.120989	0.120673	0.06488	0
pseudogen	mitochond	2	3	0	0	0	0	0.201677	0.387934	0	0
antisense	-	0	0	0	2	2	6	0	0	0	0.289959
antisense	-	0	1	1	5	0	1	0	0.117902	0.110932	0.713527
processed_	-	14	15	22	15	21	13	1.727527	2.373545	3.275424	2.872887
protein_co	protocadhe	460	382	404	91	120	88	4.711535	5.017384	4.992683	1.446693
pseudogen	high_mobil	0	3	3	5	11	3	0	0.159778	0.150333	0.32232
antisense	-	7	2	3	0	5	3	0.18471	0.067676	0.095513	0
lincRNA	-	0	0	2	0	0	0	0	0	0.146379	0
protein_co	claudin_23	2	0	0	20	37	11	0.043237	0	0	0.671091
lincRNA	-	0	0	0	0	1	0	0	0	0	0
antisense	-	2	0	0	1	9	4	0.145848	0	0	0.113188
antisense	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	1	1	2	3	11	7	0.035071	0.044974	0.084631	0.163305
lincRNA	-	0	0	0	13	25	2	0	0	0	0.39972
lincRNA	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	0	2	7	8	0	0	0	0.241392
antisense	-	3	0	0	2	2	0	0.146531	0	0	0.151625
protein_co	Uncharacte	0	0	0	1	0	0	0	0	0	0.08952
antisense	-	14	8	7	9	2	8	1.30509	0.956339	0.787333	1.302223
pseudogen	asparagine-	3	9	0	34	41	30	0.183882	0.707409	0	3.234658
antisense	-	248	189	209	94	165	110	11.89031	11.62018	12.09027	6.995196
antisense	-	0	0	1	0	0	7	0	0	0.056974	0
lincRNA	-	8	3	3	1	2	0	0.524644	0.252293	0.23738	0.10179
pseudogen	-	0	0	0	0	1	4	0	0	0	0
antisense	-	0	2	0	0	0	2	0	0.292602	0	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	2	0	0	0	0	0	0.211693	0	0	0
antisense	-	0	0	1	0	1	1	0	0	0.098221	0
protein_co	zinc_finger	361	284	350	357	312	381	2.987521	3.013918	3.494781	4.585667
lincRNA	-	0	0	0	0	0	1	0	0	0	0
antisense	long_interg	0	0	1	1	0	0	0	0	0.054087	0.069579
pseudogen	mitogen-ac	0	0	0	8	3	7	0	0	0	0.4901
pseudogen	asparagine-	2	2	4	25	26	7	0.221179	0.283631	0.533731	4.291262
IG_C_pseu	immunoglo	1	0	3	1	0	0	0.037333	0	0.135133	0.057946
protein_co	Uncharacte	0	0	0	0	2	0	0	0	0	0
pseudogen	pyruvate_k	0	2	0	0	0	0	0	0.393005	0	0
antisense	-	4	2	3	3	1	4	0.302516	0.193967	0.273752	0.35216
lincRNA	-	0	0	0	1	0	0	0	0	0	0.085724
antisense	-	1	0	1	0	1	0	0.068453	0	0.082592	0
antisense	-	0	0	3	1	2	3	0	0	0.30972	0.13281
antisense	-	0	1	1	12	12	2	0	0.089213	0.08394	1.295783
lincRNA	-	3	6	3	0	0	0	0.220141	0.564599	0.265613	0
lincRNA	-	0	0	0	1	1	0	0	0	0	0.184253
antisense	-	5	4	1	1	0	0	0.067409	0.069154	0.016267	0.020926
sense_intro	-	1	0	0	1	0	0	0.0851	0	0	0.132087
pseudogen	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	2	0	1	4	0	0	0.178472	0
lincRNA	-	0	0	1	0	1	0	0	0	0.107151	0
pseudogen	-	3	1	1	1	3	4	0.324873	0.138868	0.130659	0.168083
antisense	-	51	45	57	30	26	25	4.643477	5.25406	6.261755	4.2396
pseudogen	-	1	1	2	2	3	1	0.101274	0.12987	0.244387	0.314384
lincRNA	-	2	0	0	1	2	3	0.050311	0	0	0.039045

antisense	-	0	0	0	4	6	0	0	0	0	0.430014
protein_co	v-yes-1_Yan	152	124	109	588	743	756	2.360027	2.468906	2.041964	14.17037
pseudogen	-	2	1	2	1	0	2	0.063753	0.040877	0.076921	0.049476
pseudogen	MT-ND2_ps	0	0	0	2	0	0	0	0	0	0.140231
protein_co	PIN2/TERF1	88	76	71	203	264	342	2.670758	2.957841	2.59991	9.562653
sense_intrc	-	3	0	2	9	12	7	0.266926	0	0.214708	1.242919
antisense	-	3	4	2	2	3	0	0.408925	0.699184	0.328927	0.423138
lincRNA	-	1	2	1	1	2	1	0.087318	0.223947	0.105355	0.13553
pseudogen	VENT_hom	0	1	0	0	0	0	0	0.191496	0	0
antisense	-	0	1	0	8	6	3	0	0.058322	0	0.564732
pseudogen	-	1	0	0	0	0	2	0.146991	0	0	0
pseudogen	high_mobil	0	0	0	0	0	1	0	0	0	0
antisense	-	1	2	5	0	0	0	0.058321	0.149577	0.351838	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.062046
protein_co	protocadhe	1097	813	849	186	242	188	11.19198	10.63654	10.45096	2.945397
lincRNA	-	4	0	0	0	0	0	0.227898	0	0	0
IG_C_pseuc	immunoglo	0	0	0	0	1	0	0	0	0	0
antisense	-	0	0	0	0	1	1	0	0	0	0
pseudogen	-	4	8	5	2	3	9	0.446572	1.145329	0.673518	0.34657
pseudogen	MT-ND6_ps	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	1	0	0	0	0	0	0.087019	0	0
sense_intrc	-	0	1	0	0	0	0	0	0.08398	0	0
processed_	-	1	1	1	0	0	0	0.059581	0.076404	0.071888	0
processed_	-	18	14	13	0	1	0	0.135869	0.135515	0.118397	0
lincRNA	-	17	9	7	0	1	1	0.211665	0.143698	0.105159	0
antisense	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	1	0	0	0	1	0	0.131575	0	0
antisense	-	10	6	2	3	10	5	0.662288	0.509575	0.159818	0.308389
lincRNA	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	2	0	0	0	0	0	0.212291	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
processed_	-	1	0	1	2	1	4	0.081125	0	0.097881	0.251833
pseudogen	tRNA-yW_s	21	17	10	14	6	19	0.490384	0.509067	0.281751	0.507429
lincRNA	-	0	0	0	1	1	0	0	0	0	0.098886
lincRNA	-	1	1	0	0	4	1	0.15949	0.204523	0	0
pseudogen	-	81	54	48	77	94	96	9.424544	8.057094	6.738522	13.90582
antisense	-	0	0	0	2	4	0	0	0	0	0.399889
protein_co	Protein_LO	34	29	27	37	50	30	0.436425	0.477351	0.41816	0.737162
sense_intrc	-	12	4	2	5	4	6	1.780634	0.761137	0.358073	1.151579
antisense	-	2	3	1	3	5	3	0.200385	0.385447	0.120888	0.466537
pseudogen	-	0	0	0	0	0	1	0	0	0	0
protein_co	protocadhe	27	22	26	15	19	23	0.275824	0.288204	0.320471	0.237842
antisense	-	0	0	0	0	1	1	0	0	0	0
lincRNA	-	0	0	0	0	4	0	0	0	0	0
antisense	-	0	1	0	0	0	0	0	0.157408	0	0
lincRNA	-	0	0	1	0	0	0	0	0	0.015755	0
processed_	-	3	1	0	1	0	2	0.094664	0.040464	0	0.048977
lincRNA	-	0	0	0	0	2	11	0	0	0	0
lincRNA	-	4	0	0	0	0	1	0.054492	0	0	0
antisense	-	1	0	0	4	0	1	0.113261	0	0	0.703186
antisense	-	5	6	1	1	1	4	0.397373	0.611489	0.095891	0.123356
pseudogen	phosphorib	1	0	1	0	1	0	0.037422	0	0.045152	0
protein_co	protocadhe	6	7	6	6	6	9	0.061094	0.091403	0.073714	0.094827
antisense	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	2	0	13	0	0	0	0.195382
pseudogen	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	0	4	3	6	0	0	0	0.657154
lincRNA	-	4	5	2	3	5	7	0.401628	0.643788	0.242293	0.467536
lincRNA	-	2	2	0	9	6	15	0.046634	0.059801	0	0.325718
lincRNA	-	1	2	1	0	0	0	0.107793	0.276459	0.130059	0
pseudogen	enhancer_c	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	0	0	3	1	0	0	0	0
pseudogen	-	0	2	0	0	0	0	0	0.290482	0	0
pseudogen	-	0	0	0	1	4	1	0	0	0	0.192031
pseudogen	teratocarci	3	1	1	2	2	1	0.31053	0.132737	0.124891	0.321324

processed_	-	2	1	3	27	25	11	0.045635	0.02926	0.082592	0.956231
lincRNA	-	0	0	0	850	828	743	0	0	0	76.56291
lincRNA	-	0	1	0	2	6	1	0	0.106802	0	0.258543
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	keratin_8_	0	1	1	8	13	14	0	0.041497	0.039045	0.401821
antisense	-	0	0	0	2	5	6	0	0	0	0.253588
antisense	-	0	0	0	1	0	0	0	0	0	0.120297
lincRNA	-	0	2	2	0	0	0	0	0.05055	0.047562	0
pseudogen	IMP_(inosi	0	1	0	0	1	1	0	0.039716	0	0
lincRNA	-	0	1	0	0	0	0	0	0.122965	0	0
antisense	-	0	0	0	5	0	5	0	0	0	0.561573
lincRNA	-	0	1	1	0	0	0	0	0.111974	0.105355	0
lincRNA	-	1	2	1	0	0	0	0.059354	0.152227	0.071615	0
pseudogen	mitochond	2	1	0	0	0	0	0.152985	0.098091	0	0
lincRNA	-	1	0	0	0	0	0	0.0851	0	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
antisense	-	1	0	1	1	1	0	0.095499	0	0.115225	0.148228
antisense	-	3	0	2	0	1	0	0.153402	0	0.123393	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.125051
lincRNA	-	3	0	0	0	0	0	0.191388	0	0	0
sense_intrc	-	0	0	0	3	2	3	0	0	0	0.324427
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	CDC28_prc	0	1	1	0	3	1	0	0.255871	0.240747	0
pseudogen	-	16	7	9	2	4	8	1.002995	0.562712	0.680721	0.194598
lincRNA	-	3	1	1	3	2	6	0.382256	0.163396	0.153738	0.593314
pseudogen	cadherin_1	2	0	0	0	0	0	0.317898	0	0	0
lincRNA	-	12	5	6	0	0	0	1.092583	0.583784	0.659132	0
antisense	-	0	1	1	13	17	7	0	0.144196	0.135673	2.268915
lincRNA	-	0	0	0	1624	1415	1317	0	0	0	134.7713
antisense	-	0	0	1	0	2	1	0	0	0.086906	0
lincRNA	-	0	1	2	4	6	4	0	0.115191	0.216764	0.5577
pseudogen	MT-ND1_ps	0	0	0	1	0	0	0	0	0	0.076934
lincRNA	-	0	0	0	1	5	0	0	0	0	0.288809
pseudogen	-	0	0	0	1	1	1	0	0	0	0.284296
protein_co	Uncharacte	0	0	0	6	6	7	0	0	0	0.205496
lincRNA	-	71	76	78	0	0	0	4.715568	6.472896	6.250552	0
pseudogen	-	5	4	12	7	5	4	0.687537	0.705335	1.990927	1.494014
lincRNA	-	2	5	4	2	4	3	0.132645	0.425246	0.320088	0.205883
sense_intrc	-	0	0	0	0	3	0	0	0	0	0
lincRNA	-	5	2	3	0	1	0	0.402144	0.206277	0.291126	0
antisense	-	0	0	0	1	2	8	0	0	0	0.139158
antisense	HOXA_clus	11	15	9	0	0	0	0.129368	0.226222	0.12771	0
sense_intrc	-	4	0	1	3	7	1	0.367045	0	0.110715	0.427279
antisense	-	0	1	0	0	0	0	0	0.189087	0	0
pseudogen	-	0	0	1	0	2	0	0	0	0.169896	0
processed_	-	0	0	0	69	89	127	0	0	0	1.768242
pseudogen	deoxyuridi	0	1	0	2	2	5	0	0.12987	0	0.314384
antisense	RHPN1_ant	24	19	13	39	37	12	0.586736	0.595655	0.383463	1.479881
lincRNA	-	0	1	2	0	0	0	0	0.097613	0.183687	0
antisense	-	8	6	2	5	8	4	0.628342	0.60432	0.189533	0.609546
pseudogen	-	2	1	1	0	1	1	0.171758	0.110128	0.103618	0
pseudogen	glycine-N-a	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	1	1	0	0	0	0	0.111146	0.104576	0
processed_	-	2	0	0	1	0	0	0.126218	0	0	0.097954
antisense	-	0	1	1	3	4	0	0	0.07116	0.066953	0.25839
protein_co	sialic_acid_	0	0	2	0	1	0	0	0	0.055602	0
processed_	-	0	0	0	1	0	0	0	0	0	0.101083
antisense	ANO1_anti	22	20	19	0	0	0	1.02747	1.197805	1.070652	0
antisense	-	0	0	0	4	2	3	0	0	0	1.212997
sense_intrc	-	5	6	5	8	15	13	0.406326	0.625267	0.490256	1.009079
antisense	-	0	1	0	0	0	1	0	0.137597	0	0
pseudogen	-	1	0	0	0	0	0	0.039704	0	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	2	6	1	6	0	0	0.12976	0.500778

antisense	-	18	13	18	27	27	39	1.613806	1.494622	1.947149	3.757275
antisense	-	33	41	33	286	447	215	3.058045	4.872177	3.689707	41.13641
antisense	-	1	1	0	2	2	2	0.064945	0.083282	0	0.201606
antisense	-	1	2	2	3	6	2	0.155781	0.399534	0.375917	0.72538
antisense	-	3	2	5	7	5	8	0.170303	0.145593	0.342467	0.616778
protein_co	prostate_ar	0	0	1	1	5	0	0	0	0.022639	0.029124
pseudogen	-	0	1	1	0	1	1	0	0.065716	0.061831	0
pseudogen	-	0	0	0	1	6	1	0	0	0	0.237068
processed_	-	0	0	0	0	4	0	0	0	0	0
pseudogen	splicing_fac	0	1	0	0	0	1	0	0.0399	0	0
sense_intrc	ALG9_intrc	1	0	0	0	0	0	0.068553	0	0	0
antisense	-	1	0	0	0	0	0	0.026779	0	0	0
antisense	NAV2_antis	0	2	0	1	0	2	0	0.153785	0	0.093069
pseudogen	regulator_c	0	0	0	4	6	17	0	0	0	0.186974
antisense	-	1	2	4	0	4	0	0.086195	0.221065	0.415996	0
processed_	-	3	2	2	0	1	3	0.240462	0.205572	0.193421	0
antisense	-	13	15	13	8	7	13	1.130928	1.673371	1.36453	1.08022
pseudogen	-	10	10	7	8	2	5	0.976875	1.252704	0.825059	1.212997
protein_co	Putative_sh	39	30	28	37	44	34	1.026789	1.012855	0.889452	1.511989
protein_co	adaptor-rel	390	292	349	293	390	108	3.801103	3.649532	4.104105	4.432443
pseudogen	-	1	1	0	0	0	0	0.022139	0.02839	0	0
antisense	-	4	8	7	9	3	5	0.184425	0.472997	0.389409	0.644069
processed_	hsa-mir-21	2	0	0	3	0	0	0.852546	0	0	1.984904
antisense	-	2	3	2	3	1	0	0.106689	0.205221	0.128727	0.248395
pseudogen	solute_carr	1	0	1	0	0	0	0.050583	0	0.061031	0
processed_	-	0	1	0	8	5	2	0	0.130151	0	1.260256
pseudogen	protein_tyr	2	0	0	0	0	0	0.186813	0	0	0
sense_intrc	-	0	0	0	0	3	0	0	0	0	0
processed_	-	0	0	3	3	5	2	0	0	0.204736	0.263377
lincRNA	-	2	0	0	0	0	0	0.028349	0	0	0
antisense	-	0	0	0	0	0	1	0	0	0	0
antisense	-	0	0	0	0	1	1	0	0	0	0
antisense	-	0	0	0	1	1	0	0	0	0	0.256267
pseudogen	RAN_membr	0	0	1	0	0	2	0	0	0.204984	0
pseudogen	-	0	3	0	2	3	0	0	0.143394	0	0.115707
protein_co	charged_m	35	26	27	19	42	26	1.178141	1.122308	1.096582	0.992689
pseudogen	-	0	0	0	0	0	2	0	0	0	0
pseudogen	-	0	0	0	3	4	5	0	0	0	0.319677
antisense	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	24	17	26	11	11	13	2.598985	2.360754	3.397143	1.848909
processed_	-	5	2	1	19	2	18	0.24731	0.126856	0.059679	1.458667
pseudogen	-	2	0	2	3	4	2	0.116352	0	0.140386	0.270893
pseudogen	-	0	0	0	1	0	0	0	0	0	0.254475
lincRNA	-	0	0	1	0	0	0	0	0	0.114991	0
pseudogen	-	1	1	3	4	6	4	0.074311	0.095293	0.26898	0.461362
antisense	-	25	14	16	11	5	1	1.222367	0.877807	0.943908	0.834805
lincRNA	-	0	1	0	0	0	0	0	0.134218	0	0
protein_co	Uncharacte	54	58	42	46	71	41	3.20514	4.414593	3.007812	4.237811
lincRNA	-	0	0	0	1	0	0	0	0	0	0.127237
protein_co	poly(A)_bin	293	253	230	74	79	68	2.778878	3.07703	2.631951	1.089342
pseudogen	-	2	2	1	0	0	0	0.240462	0.308358	0.145065	0
lincRNA	-	3	2	3	2	6	6	0.355227	0.303686	0.428602	0.367575
antisense	-	11	8	8	1	3	2	0.593545	0.553554	0.520833	0.083751
antisense	NAV2_antis	0	1	0	1	2	0	0	0.100551	0	0.121705
antisense	-	9	2	2	0	0	0	0.785866	0.223947	0.21071	0
pseudogen	-	1	0	0	0	0	0	0.02964	0	0	0
antisense	-	0	0	0	0	1	0	0	0	0	0
protein_co	olfactory_r	0	1	0	0	1	2	0	0.122215	0	0
protein_co	-	0	0	0	2	0	0	0	0	0	0.042228
antisense	-	14	5	9	10	8	8	0.81751	0.374407	0.634097	0.906349
sense_intrc	-	8	8	5	11	13	14	0.219369	0.281309	0.165425	0.468174
antisense	-	0	0	2	0	1	4	0	0	0.204984	0
antisense	-	15	8	5	26	36	41	0.800171	0.547256	0.321817	2.152759
antisense	-	0	0	0	4	5	0	0	0	0	0.06504
antisense	-	2	2	0	3	2	0	0.293063	0.375811	0	0.682311

pseudogen	MT-ND2_ps	0	0	1	2	1	0	0	0	0.054981	0.141457
antisense	-	0	0	0	0	1	1	0	0	0	0
pseudogen	glutamate-i	1	0	0	0	0	0	0.044957	0	0	0
antisense	-	1	0	0	0	0	0	0.125374	0	0	0
antisense	-	1	0	0	0	0	0	0.096086	0	0	0
processed_	-	6	7	9	8	7	9	1.537378	2.300047	2.782402	3.181631
pseudogen	-	0	2	0	0	0	0	0	0.06543	0	0
pseudogen	proteasom	0	1	2	0	0	0	0	0.09308	0.175156	0
protein_co	MAGE-like_	2	3	3	13	5	5	0.037738	0.072591	0.0683	0.380739
lincRNA	-	0	0	0	2	0	2	0	0	0	0.088379
antisense	-	1	0	0	2	1	1	0.033807	0	0	0.104946
pseudogen	-	0	0	0	0	1	0	0	0	0	0
antisense	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	5	2	3	8	8	10	0.26402	0.135427	0.191133	0.655674
pseudogen	-	35	37	38	21	22	12	2.392348	3.243152	3.13392	2.227953
pseudogen	-	2	0	0	2	3	0	0.269483	0	0	0.418275
protein_co	casein_kina	9	1	3	6	2	2	0.29803	0.042465	0.119863	0.308389
lincRNA	-	0	0	0	0	0	1	0	0	0	0
processed_	-	45	30	22	75	109	76	0.756291	0.646557	0.446115	1.956446
antisense	-	8	4	1	0	1	0	0.695956	0.446232	0.104964	0
lincRNA	-	13	19	20	2	1	0	0.930642	1.744223	1.727496	0.222228
lincRNA	-	3	3	3	0	0	0	0.188313	0.241485	0.227211	0
protein_co	Uncharacte	1	0	1	0	1	0	0.114927	0	0.138665	0
pseudogen	-	0	0	0	1	1	0	0	0	0	0.205014
lincRNA	-	0	0	0	4	3	6	0	0	0	0.639822
pseudogen	-	22	26	17	51	88	44	1.424835	2.159357	1.32843	5.126754
protein_co	Uncharacte	4	6	2	5	10	7	0.128996	0.248128	0.077821	0.250274
lincRNA	-	125	95	78	42	61	44	4.447081	4.33409	3.348171	2.319235
pseudogen	-	2	0	1	2	0	1	0.160034	0	0.096545	0.248395
antisense	NAV2_antis	0	2	0	0	0	0	0	0.101829	0	0
antisense	-	0	0	0	3	0	1	0	0	0	0.444683
antisense	-	0	0	2	2	1	0	0	0	0.210318	0.270557
pseudogen	-	8	14	7	14	15	12	0.128027	0.28731	0.135163	0.347753
antisense	WAC_antis	252	208	209	215	223	254	4.530784	4.795628	4.53385	5.999869
protein_co	age-related	1	0	0	0	0	0	0.057323	0	0	0
antisense	-	0	0	1	0	0	0	0	0	0.095245	0
lincRNA	-	11	5	8	0	2	3	0.789878	0.460412	0.693115	0
pseudogen	-	0	0	0	0	1	1	0	0	0	0
lincRNA	-	0	0	1	4	5	2	0	0	0.050067	0.257628
antisense	-	1	0	0	1	1	0	0.128466	0	0	0.199397
lincRNA	-	0	1	0	0	0	0	0	0.099388	0	0
protein_co	retrotransp	27	32	42	0	1	1	0.301939	0.458897	0.5667	0
antisense	-	0	0	0	1	0	3	0	0	0	0.234019
antisense	-	0	0	0	1	0	3	0	0	0	0.128359
protein_co	Uncharacte	58	48	58	100	75	40	2.465658	2.616709	2.974959	6.59835
lincRNA	-	0	0	0	1	0	0	0	0	0	0.13553
lincRNA	-	3	4	1	5	6	6	0.209955	0.358984	0.084441	0.543133
antisense	STT3A_anti	3	2	1	1	1	0	0.327902	0.280325	0.131878	0.16965
pseudogen	-	1	2	0	4	6	4	0.028128	0.072141	0	0.174637
antisense	-	0	0	0	2	0	0	0	0	0	0.525486
processed_	-	2	3	3	6	2	6	0.103624	0.199325	0.187543	0.482518
pseudogen	polycystic_	659	446	519	238	366	295	3.002674	2.605956	2.853239	1.683179
antisense	-	82	79	62	229	204	186	5.654384	6.985667	5.158355	24.50967
pseudogen	-	0	0	0	4	7	4	0	0	0	1.386282
pseudogen	-	0	0	0	1	0	0	0	0	0	0.146144
protein_co	fucose-1-ph	58	69	63	31	32	34	0.843555	1.286897	1.105539	0.699806
antisense	-	0	0	0	1	1	0	0	0	0	0.088111
antisense	-	4	2	0	3	2	3	0.383558	0.24593	0	0.446502
lincRNA	-	0	1	0	0	0	0	0	0.129034	0	0
antisense	-	89	47	35	5	2	7	9.399125	6.365091	4.459781	0.819592
antisense	-	5	4	8	0	5	5	0.425499	0.436514	0.821423	0
antisense	-	0	0	2	0	0	0	0	0	0.208381	0
antisense	-	4	3	3	0	1	4	0.518122	0.498313	0.468858	0
lincRNA	-	1	0	2	1	0	0	0.099554	0	0.240236	0.154522
pseudogen	-	2	3	3	2	4	1	0.160582	0.308886	0.290628	0.249246

antisense	FLI1_antise	122	65	74	0	0	1	4.43456	3.029796	3.245417	0
antisense	-	1	3	0	10	3	2	0.060503	0.232761	0	0.939094
antisense	-	0	0	0	0	3	0	0	0	0	0
pseudogen	-	0	0	1	1	0	4	0	0	0.063855	0.082144
antisense	-	7	3	3	0	1	2	0.468231	0.257332	0.242121	0
pseudogen	-	0	1	1	0	0	2	0	0.05995	0.056406	0
pseudogen	-	1	0	0	0	0	0	0.04849	0	0	0
pseudogen	glycine-N-a	7	11	7	2	3	4	0.363891	0.73329	0.439056	0.161374
antisense	-	3	0	1	1	3	6	0.049203	0	0.019789	0.025456
pseudogen	-	5	3	1	3	1	1	1.127164	0.867257	0.271998	1.049709
protein_co	mex-3_hon	3166	2349	2512	3094	3893	2640	24.24131	23.06416	23.20667	36.7702
pseudogen	-	0	0	0	0	0	3	0	0	0	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
protein_co	-	7	5	1	1	3	0	0.565914	0.51836	0.097544	0.125482
pseudogen	-	0	0	0	0	1	0	0	0	0	0
protein_co	olfactory_r	0	0	0	0	0	1	0	0	0	0
antisense	-	2	4	0	2	7	1	0.171444	0.439706	0	0.266105
antisense	-	0	0	0	0	1	0	0	0	0	0
pseudogen	olfactory_r	0	0	0	4	2	0	0	0	0	0.401544
antisense	-	0	1	0	0	0	0	0	0.105122	0	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.081959
antisense	-	2	2	0	2	1	2	0.181744	0.233061	0	0.282092
lincRNA	-	0	0	0	2	0	0	0	0	0	0.323466
pseudogen	nucleosom	1	1	0	0	2	0	0.044111	0.056566	0	0
antisense	-	0	0	0	3	3	4	0	0	0	0.443779
lincRNA	-	1	0	0	0	0	0	0.056358	0	0	0
pseudogen	-	0	0	0	1	2	1	0	0	0	0.360296
lincRNA	-	0	0	0	2	1	2	0	0	0	0.157192
pseudogen	GTPase_ver	0	0	1	0	1	2	0	0	0.025786	0
pseudogen	-	2	5	4	1	2	7	0.126388	0.405187	0.304989	0.098086
pseudogen	-	0	0	0	0	0	1	0	0	0	0
antisense	-	0	1	0	0	0	1	0	0.17131	0	0
sense_intrc	FAR1_intro	1	3	4	5	9	10	0.127419	0.490189	0.614951	0.988856
pseudogen	-	0	0	0	1	0	1	0	0	0	0.673887
pseudogen	farnesyl_di	1	1	1	0	1	1	0.0447	0.057321	0.053933	0
pseudogen	-	0	1	0	0	0	0	0	1.156342	0	0
protein_co	SYS1-DBND	0	0	1	1	0	0	0	0	0.043089	0.05543
antisense	-	0	2	1	5	7	3	0	0.171554	0.080707	0.519114
lincRNA	-	0	0	0	0	0	1	0	0	0	0
antisense	-	0	0	1	0	0	0	0	0	0.074638	0
antisense	-	2	4	0	8	20	1	0.042434	0.108832	0	0.263456
antisense	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	1	0	0	0	0	0	0.209539	0
sense_intrc	-	0	0	1	1	0	0	0	0	0.067192	0.086437
protein_co	solute_carr	3	5	9	1	8	1	0.084792	0.181223	0.30692	0.04387
pseudogen	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	1	1	2	4	1	0	0.105676	0.09943	0.255817
processed_	-	15	15	7	35	61	17	0.28213	0.361792	0.158856	1.021778
pseudogen	GTPase_ver	3	7	8	1	3	2	0.019933	0.059644	0.064135	0.010313
lincRNA	-	1	0	0	1	0	0	0.07338	0	0	0.113896
processed_	-	0	2	0	3	3	0	0	0.054589	0	0.09911
pseudogen	-	2	2	1	1	0	1	0.050637	0.064935	0.030548	0.039298
antisense	-	0	2	3	0	0	3	0	0.256965	0.362663	0
lincRNA	-	2	4	4	0	0	0	0.180694	0.463428	0.436035	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	37	32	22	9	15	42	2.110621	2.340819	1.514186	0.796859
protein_co	Protein_LO	0	0	0	1	2	2	0	0	0	0.065567
antisense	-	5	1	1	10	17	7	0.448279	0.114971	0.108175	1.391583
antisense	-	0	1	1	1	2	0	0	0.125532	0.118112	0.151941
pseudogen	NADH_deh	1	1	1	1	2	1	0.202112	0.25918	0.24386	0.313706
protein_co	MPV17_mi	605	393	436	513	669	608	14.48109	12.06279	12.59159	19.05872
antisense	-	3	0	0	1	2	0	0.28247	0	0	0.146144
antisense	TMEM9B_a	21	15	12	42	34	24	0.935129	0.85655	0.644735	2.902898
lincRNA	-	0	0	1	0	0	0	0	0	0.111809	0
antisense	-	2	0	2	4	10	1	0.069467	0	0.083816	0.215644

lincRNA	-	0	0	0	1	0	0	0	0	0	0.140502
antisense	-	0	0	0	1	0	4	0	0	0	0.139425
processed_	-	0	0	0	0	3	8	0	0	0	0
protein_co	Uncharacte	1	6	0	4	3	6	0.022608	0.173953	0	0.140366
processed_	-	4	4	7	3	6	28	0.059336	0.07609	0.125286	0.069073
pseudogen	-	0	0	0	0	1	2	0	0	0	0
antisense	-	1	0	0	0	0	0	0.23802	0	0	0
antisense	-	1	0	0	2	3	1	0.155781	0	0	0.483587
antisense	-	0	0	0	0	1	3	0	0	0	0
pseudogen	-	4	9	5	6	3	6	0.461971	1.332927	0.696743	1.075564
lincRNA	-	2	1	0	0	0	0	0.250749	0.160775	0	0
antisense	-	4	1	4	0	1	1	0.247115	0.079222	0.298158	0
pseudogen	-	17	16	22	4	7	12	0.411316	0.496428	0.64224	0.150216
pseudogen	-	0	0	0	1	0	0	0	0	0	0.124198
sense_intrc	OPCML_int	0	0	0	7	3	6	0	0	0	0.173521
pseudogen	-	0	0	0	0	1	0	0	0	0	0
antisense	-	1	0	0	0	1	0	0.108042	0	0	0
antisense	-	1	3	3	1	1	3	0.087318	0.335921	0.316064	0.13553
protein_co	MEF2B_nei	98	82	89	34	43	67	1.242623	1.333327	1.361606	0.669149
antisense	-	0	0	0	0	0	2	0	0	0	0
processed_	-	0	0	0	0	0	1	0	0	0	0
antisense	-	4	1	3	0	0	2	0.238323	0.076404	0.215663	0
pseudogen	-	6	8	10	3	11	8	1.352597	2.312684	2.719976	1.049709
antisense	-	13	14	10	19	20	5	1.555026	2.147493	1.443253	3.527592
antisense	small_Cajal	10	9	10	17	21	19	1.328329	1.533054	1.602706	3.504976
pseudogen	-	3	0	0	0	0	0	0.114739	0	0	0
pseudogen	-	1	0	2	0	0	0	0.152736	0	0.36857	0
pseudogen	-	0	0	0	2	1	0	0	0	0	0.099767
protein_co	Protein_LO	2	1	0	75	108	55	0.103739	0.066515	0	6.038147
pseudogen	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	1	0	3	0	1	1	0.072698	0	0.263142	0
antisense	-	5	2	0	0	0	0	0.382463	0.196182	0	0
lincRNA	long_interg	1	0	0	2424	2626	2337	0.058759	0	0	221.0755
sense_intrc	-	12	7	8	9	17	16	0.322638	0.241347	0.259521	0.375584
pseudogen	-	2	1	0	8	13	8	0.20933	0.134218	0	1.299639
pseudogen	ATP_syntha	1	3	0	3	5	2	0.061697	0.237354	0	0.287289
lincRNA	-	6	3	5	0	0	1	0.492715	0.315918	0.495407	0
pseudogen	olfactory_r	0	1	0	0	0	0	0	0.066077	0	0
pseudogen	guanine_nu	0	0	2	0	0	0	0	0	0.546623	0
processed_	-	5	3	2	6	5	11	0.093668	0.072069	0.045206	0.174462
lincRNA	-	1	1	0	0	0	0	0.121792	0.156181	0	0
lincRNA	KIRREL3_ar	1	0	0	0	0	0	0.095305	0	0	0
antisense	-	0	2	1	1	0	2	0	1.307169	0.614951	0.791085
antisense	-	1	1	0	5	1	2	0.05365	0.068798	0	0.41636
processed_	-	1	1	2	0	1	0	0.055955	0.071754	0.135025	0
lincRNA	-	0	1	0	0	0	0	0	0.070327	0	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.20974
lincRNA	-	0	0	0	3	14	4	0	0	0	0.120696
pseudogen	-	1	0	0	0	0	0	0.099343	0	0	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.161017
antisense	-	0	0	0	1	0	0	0	0	0	0.259928
pseudogen	asparagine-	14	5	6	22	31	15	1.195738	0.54763	0.618312	2.916495
protein_co	Uncharacte	0	0	1	0	0	0	0	0	0.034518	0
antisense	-	2	1	5	1	1	1	0.248753	0.159495	0.750338	0.19305
pseudogen	high_mobil	4	3	3	2	3	14	0.27381	0.263342	0.247776	0.212496
pseudogen	ferritin_ligl	0	4	1	0	0	0	0	0.569951	0.134065	0
sense_intrc	RSF1_intro	3	1	2	2	3	3	0.248534	0.106236	0.199913	0.257172
protein_co	dipeptidyl-	1427	1066	1060	1652	1857	1666	21.73881	20.82468	19.48344	39.0618
lincRNA	-	0	0	1	0	0	0	0	0	0.100668	0
antisense	-	0	1	1	2	3	1	0	0.105862	0.099605	0.256267
lincRNA	-	0	0	1	0	1	0	0	0	0.072255	0
processed_	-	1	1	0	0	0	0	0.148857	0.190888	0	0
protein_co	STX16-NPEI	2	4	7	16	19	13	0.027317	0.070061	0.115359	0.339201
protein_co	ANKHD1-EI	19	10	5	8	9	13	0.108042	0.07292	0.034305	0.070609
protein_co	keratin_ass	1	0	1	1	0	0	0.03947	0	0.047622	0.061262

processed_	-	0	0	0	1	0	0	0	0	0	0.16355
protein_co	BRICK1_SC	2646	2156	2266	1709	1849	1855	100.6253	105.1418	103.9741	100.8765
pseudogen	-	0	1	1	0	2	1	0	0.058378	0.054928	0
pseudogen	-	0	0	0	0	2	2	0	0	0	0
antisense	-	1	0	0	0	1	0	0.060425	0	0	0
lincRNA	-	0	2	1	0	1	0	0	0.156384	0.07357	0
pseudogen	ADP-ribosy	1	2	1	0	0	0	0.083732	0.214749	0.101028	0
lincRNA	-	1	0	0	0	0	0	0.092485	0	0	0
antisense	-	1	2	0	4	6	8	0.042666	0.109426	0	0.264895
lincRNA	-	0	0	0	0	1	0	0	0	0	0
antisense	-	6	7	6	59	102	25	0.346478	0.51836	0.418046	5.288188
antisense	-	0	0	0	3	0	1	0	0	0	0.383725
processed_	-	0	0	2	0	0	0	0	0	0.14091	0
processed_	-	24	11	14	12	10	4	1.422706	0.836192	1.001336	1.104118
lincRNA	-	0	0	0	0	1	2	0	0	0	0
processed_	-	0	0	1	0	0	0	0	0	0.008754	0
protein_co	Uncharacte	0	0	2	0	1	1	0	0	0.2254	0
pseudogen	-	0	0	2	0	0	2	0	0	0.119106	0
antisense	NAV2_antis	0	0	5	0	0	0	0	0	0.085539	0
antisense	-	0	1	2	0	0	0	0	0.135123	0.254272	0
protein_co	Uncharacte	7	3	11	0	4	4	0.404723	0.222428	0.767362	0
antisense	-	2	2	1	2	5	5	0.079949	0.102523	0.048231	0.124092
pseudogen	-	0	0	0	0	0	1	0	0	0	0
antisense	-	4	0	1	0	0	0	0.392385	0	0.118359	0
protein_co	Uncharacte	21	15	11	7	14	15	1.934559	1.771998	1.222653	1.000901
sense_intrc	-	1	0	0	0	2	1	0.111909	0	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	0	2	0	1	0	0	0	0.184486
sense_intrc	-	0	0	0	1	0	1	0	0	0	0.154522
antisense	GRM5_anti	1	2	2	1	2	3	0.009726	0.024945	0.02347	0.015096
antisense	-	0	1	0	0	2	1	0	0.083863	0	0
pseudogen	-	0	0	0	2	2	0	0	0	0	0.210043
processed_	-	29	8	19	0	0	0	1.417946	0.501604	1.120891	0
antisense	-	6	4	2	0	0	0	1.12988	0.965941	0.454422	0
antisense	-	5	1	0	0	0	0	0.413492	0.106049	0	0
lincRNA	-	1	2	0	0	0	0	0.058176	0.149205	0	0
pseudogen	olfactory_r	0	0	1	0	0	0	0	0	0.062171	0
sense_intrc	-	3	1	0	1	2	0	0.250749	0.107183	0	0.129732
protein_co	Protein_LO	0	0	3	33	45	23	0	0	0.399357	5.651138
antisense	-	4	10	3	6	5	8	0.558214	1.789577	0.505138	1.299639
antisense	-	0	0	0	0	0	2	0	0	0	0
protein_co	KIAA0754	855	707	776	292	328	296	6.677376	7.080574	7.312224	3.539591
pseudogen	-	0	0	0	1	1	0	0	0	0	0.250102
antisense	-	0	0	1	1	0	0	0	0	0.105551	0.135783
lincRNA	-	1	0	0	0	0	0	0.085879	0	0	0
protein_co	charged_m	625	539	565	511	701	683	9.596025	10.6123	10.46665	12.17763
pseudogen	-	0	1	0	0	0	1	0	0.210244	0	0
antisense	-	0	0	0	0	0	5	0	0	0	0
lincRNA	-	16	12	16	17	24	55	0.552053	0.530947	0.666084	0.910417
pseudogen	-	1	0	1	13	18	16	0.252097	0	0.304169	5.08676
lincRNA	-	0	0	1	0	1	0	0	0	0.114064	0
antisense	-	6	3	2	8	2	1	0.378654	0.242785	0.152289	0.783632
antisense	-	0	0	0	4	2	3	0	0	0	0.529308
lincRNA	-	0	0	1	0	0	1	0	0	0.097881	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.236298
processed_	-	79	50	58	169	174	148	1.420365	1.152795	1.258198	4.716176
lincRNA	-	0	0	0	2	0	0	0	0	0	0.270557
processed_	-	2	0	0	0	0	1	0.721385	0	0	0
antisense	-	2	4	6	6	7	11	0.15604	0.400198	0.564814	0.726587
pseudogen	-	0	4	0	2	1	0	0	0.283631	0	0.17165
antisense	-	23	27	26	21	41	14	3.797431	5.716565	5.179448	5.381605
processed_	-	7	1	6	0	0	0	0.660423	0.120986	0.683004	0
antisense	-	0	1	0	7	2	5	0	0.110533	0	0.936505
lincRNA	-	2	0	0	0	0	1	0.049619	0	0	0
antisense	-	2	1	1	0	0	0	0.163665	0.104939	0.098736	0

protein_co	EP300_inte	5	8	14	33	30	28	0.160144	0.328578	0.541023	1.640528
pseudogen	glycine-N-a	0	0	0	7	2	3	0	0	0	0.560461
antisense	-	6	6	7	24	35	16	0.299617	0.384216	0.421756	1.860187
protein_co	Hydroxyacy	1	0	0	0	1	1	0.014366	0	0	0
sense_intrc	KLHL22_int	2	2	0	2	0	1	0.860367	1.103299	0	1.335409
antisense	-	11	8	6	2	9	1	0.565559	0.527454	0.372207	0.159605
antisense	-	5	3	2	1	0	1	0.275824	0.212223	0.133119	0.085623
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	1	0	0	0	0	0	0.202055	0
antisense	-	2	0	0	0	1	1	0.213622	0	0	0
sense_intrc	-	0	1	0	1	2	0	0	0.12959	0	0.156853
pseudogen	-	0	0	0	0	0	1	0	0	0	0
antisense	-	27	40	25	5	11	11	0.912126	1.732847	1.019011	0.262175
lincRNA	-	1	0	0	0	0	0	0.029847	0	0	0
processed_	-	1	0	0	0	0	0	0.017863	0	0	0
pseudogen	-	0	1	2	1	0	3	0	0.045726	0.086046	0.055346
sense_intrc	-	1	0	1	0	0	0	0.31053	0	0.374672	0
pseudogen	glycine-N-a	0	0	0	0	1	0	0	0	0	0
lincRNA	-	10	5	13	1	2	1	1.085417	0.695947	1.702504	0.168472
pseudogen	Nanog_hon	2	0	0	60	78	74	0.10238	0	0	4.767236
lincRNA	-	0	0	2	0	0	0	0	0	0.165668	0
antisense	-	5	4	8	1	3	0	0.2755	0.282631	0.53185	0.085523
lincRNA	small_nucl	26	27	25	15	33	33	2.588409	3.446931	3.002946	2.317828
pseudogen	-	7	1	5	3	0	7	0.139435	0.025544	0.120169	0.092753
antisense	-	34	28	18	51	40	15	2.985507	3.152873	1.907039	6.95088
antisense	-	12	11	8	3	1	0	0.868334	1.020722	0.698463	0.336944
pseudogen	olfactory_r	5	2	3	0	0	1	0.263723	0.135275	0.190918	0
antisense	-	0	0	0	3	0	1	0	0	0	0.282092
pseudogen	-	0	1	0	0	0	0	0	0.201778	0	0
lincRNA	-	0	0	0	1	2	1	0	0	0	0.129501
pseudogen	DEAD_(Asp	2	0	0	2	6	4	0.071807	0	0	0.111455
pseudogen	SET_pseudo	0	1	0	0	0	0	0	0.073598	0	0
antisense	-	8	8	11	38	32	26	0.296772	0.380568	0.49235	2.188
pseudogen	-	0	0	0	1	0	0	0	0	0	0.205014
processed_	-	2	0	0	0	2	1	0.035482	0	0	0
antisense	-	4	0	1	4	12	0	0.340399	0	0.102678	0.528347
antisense	-	0	2	0	2	3	0	0	0.181114	0	0.219216
pseudogen	-	0	0	0	4	5	6	0	0	0	0.626063
processed_	-	0	0	3	15	18	17	0	0	0.060401	0.388504
antisense	-	0	0	1	2	4	1	0	0	0.224506	0.577617
lincRNA	-	2	1	0	5	3	2	0.167764	0.107567	0	0.650982
sense_over	-	2252	1860	1932	5	11	4	31.33422	33.18737	32.43438	0.107982
lincRNA	-	1	0	0	0	0	0	0.093221	0	0	0
pseudogen	-	0	0	0	4	2	0	0	0	0	1.663538
sense_intrc	-	1	1	1	0	0	1	0.094919	0.12172	0.114525	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
processed_	-	0	0	0	0	1	2	0	0	0	0
lincRNA	-	0	0	0	0	0	2	0	0	0	0
sense_intrc	NAV2_intrc	0	0	1	0	0	0	0	0	0.111809	0
protein_co	-	0	0	0	0	1	0	0	0	0	0
antisense	RRM1_anti	0	1	2	0	1	0	0	0.173786	0.327026	0
pseudogen	ATP-bindin	2	4	7	3	6	0	0.130795	0.335452	0.552341	0.304518
pseudogen	Wilms_tum	6	10	4	10	16	2	0.106488	0.227592	0.085656	0.275472
protein_co	Protein_LO	89	110	95	75	123	61	5.455178	8.646114	7.025716	7.135275
pseudogen	-	0	0	1	0	0	0	0	0	0.160271	0
pseudogen	-	0	3	1	1	8	0	0	0.322124	0.101028	0.129964
lincRNA	-	1	1	0	0	1	0	0.080154	0.102786	0	0
protein_co	EP300_inte	1191	961	1038	381	481	578	24.30201	25.14566	25.55499	12.06663
pseudogen	-	0	0	0	0	0	1	0	0	0	0
antisense	-	10	9	3	10	15	15	0.634506	0.732298	0.229671	0.984842
protein_co	olfactory_r	0	0	0	0	1	0	0	0	0	0
antisense	-	3	3	3	0	0	0	0.272616	0.349592	0.328927	0
sense_intrc	-	73	65	75	148	156	128	1.765328	2.015697	2.188325	5.555137
antisense	-	0	0	1	3	0	0	0	0	0.062308	0.240462
lincRNA	-	0	1	1	0	0	0	0	0.130151	0.122458	0

lincRNA	-	76	81	76	141	133	526	4.288377	5.861027	5.174174	12.34892
pseudogen	-	0	1	0	1	9	0	0	0.044706	0	0.054111
antisense	-	40	47	30	2	8	9	4.724435	7.118641	4.275227	0.366649
antisense	-	2	1	0	0	1	0	0.13611	0.087271	0	0
lincRNA	-	2	8	4	1	1	2	0.136507	0.700201	0.329406	0.105939
lincRNA	-	8	3	1	0	0	0	0.594485	0.285879	0.08966	0
antisense	-	10	3	5	3	6	2	0.720277	0.277096	0.434528	0.335391
lincRNA	-	0	0	1	0	0	0	0	0	0.074246	0
lincRNA	-	0	0	0	2	0	2	0	0	0	0.176009
pseudogen	H2A_histor	0	0	0	2	3	3	0	0	0	0.3861
lincRNA	-	0	0	2	0	0	0	0	0	0.109536	0
sense_intrc	-	1	1	1	0	2	0	0.145621	0.186738	0.1757	0
antisense	-	0	0	1	3	1	1	0	0	0.081757	0.315519
antisense	-	1	1	0	0	1	0	0.105608	0.135427	0	0
pseudogen	-	6	4	3	0	0	2	0.619692	0.529778	0.373847	0
processed_	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	2	1	0	0	1	0	0.049436	0.031697	0	0
protein_co	NADPH_oxi	12	5	4	0	3	0	0.065489	0.034992	0.026339	0
antisense	-	0	2	4	0	1	5	0	0.360059	0.677551	0
pseudogen	-	1	0	2	1	0	0	0.030727	0	0.074149	0.047693
pseudogen	-	0	0	0	0	0	1	0	0	0	0
antisense	-	0	0	0	1	0	2	0	0	0	0.106559
pseudogen	-	0	0	0	2	4	0	0	0	0	0.421912
pseudogen	-	0	2	0	1	3	2	0	0.235803	0	0.142705
lincRNA	-	4	5	2	3	4	3	0.483402	0.774869	0.291626	0.56273
lincRNA	-	3	4	1	0	0	0	0.254376	0.434935	0.102307	0
lincRNA	-	0	0	0	2	3	0	0	0	0	0.058434
processed_	-	16	11	14	22	34	20	0.763215	0.672866	0.805755	1.628846
sense_intrc	OPCML_int	0	1	0	0	0	0	0	0.15108	0	0
antisense	-	0	0	0	0	2	0	0	0	0	0
pseudogen	cytochrom	0	0	0	2	0	0	0	0	0	0.457735
pseudogen	-	2	0	0	0	0	1	0.191388	0	0	0
protein_co	-	1	0	0	1	2	0	0.022478	0	0	0.03489
pseudogen	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	3	2	4	0	0	0	0.16376	0.14	0.263448	0
antisense	-	9	10	6	15	23	11	0.174312	0.248368	0.140212	0.450928
protein_co	chromosor	0	1	0	0	0	0	0	0.042525	0	0
pseudogen	-	1	0	2	4	7	2	0.021638	0	0.052216	0.134342
protein_co	hydroxycar	1	2	0	0	0	0	0.021942	0.056275	0	0
antisense	TBX5_antis	0	0	0	25	35	45	0	0	0	0.502623
lincRNA	-	2	1	2	0	0	0	0.170509	0.109327	0.205729	0
pseudogen	-	0	0	0	3	1	1	0	0	0	0.133215
protein_co	protocadhe	39	24	33	23	26	12	0.347664	0.274356	0.354941	0.318239
sense_intrc	RSF1_intro	0	1	0	0	4	2	0	0.095142	0	0
antisense	-	0	2	1	0	0	2	0	0.24694	0.116171	0
processed_	-	0	3	1	3	2	1	0	0.073003	0.022896	0.088361
pseudogen	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	1	0	2	0	0	0	0.068453	0	0.165184	0
antisense	-	4	4	3	4	5	0	0.658106	0.843927	0.595532	1.021471
antisense	-	0	0	0	7	5	4	0	0	0	1.198726
protein_co	endogenou	39	34	44	20	27	29	1.089167	1.217637	1.482622	0.866942
pseudogen	-	2	0	0	0	0	0	0.101056	0	0	0
sense_intrc	-	2	5	1	0	3	1	0.171758	0.550639	0.103618	0
antisense	-	2	0	1	0	2	1	0.161969	0	0.097712	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
antisense	-	9	7	10	3	8	2	0.173168	0.172716	0.232152	0.089594
antisense	-	0	0	0	2	1	0	0	0	0	0.19967
antisense	-	15	14	7	0	1	0	1.198212	1.434101	0.674665	0
pseudogen	-	3	1	8	2	3	1	0.208092	0.088949	0.669533	0.215325
processed_	-	3	2	1	0	2	2	0.19757	0.168904	0.07946	0
lincRNA	-	104	80	77	38	59	39	1.220972	1.204403	1.090715	0.692447
antisense	-	0	0	2	0	1	0	0	0	0.284299	0
lincRNA	-	4	0	6	16	15	4	0.176777	0	0.319937	1.097528
pseudogen	-	0	0	0	1	1	0	0	0	0	0.097822
antisense	-	0	0	1	0	1	0	0	0	0.058688	0

protein_co	Uncharacte	37	27	28	18	25	31	2.276812	2.130583	2.07889	1.719208
pseudogen	-	0	0	0	0	1	0	0	0	0	0
antisense	-	64	37	48	10	20	8	2.595987	1.92457	2.349156	0.629583
lincRNA	-	4	1	4	16	26	26	0.150168	0.048142	0.181187	0.932327
antisense	-	0	0	1	1	0	0	0	0	0.096545	0.124198
antisense	-	0	1	0	0	0	0	0	0.164739	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
antisense	-	0	1	3	0	0	0	0	0.234882	0.662994	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
antisense	-	16	10	10	3	11	9	0.551242	0.441806	0.415691	0.160426
protein_co	caspase_re	0	0	2	0	0	0	0	0	0.173544	0
lincRNA	-	0	0	2	5	0	0	0	0	0.259521	0.834631
antisense	-	3	1	0	2	1	1	0.241287	0.103139	0	0.249673
antisense	-	1	2	2	3	2	1	0.068653	0.176076	0.165668	0.319677
protein_co	microRNA_	22	17	21	6	16	11	0.203709	0.201858	0.234614	0.086232
antisense	-	1	0	4	3	17	36	0.032073	0	0.154789	0.149343
lincRNA	-	0	0	0	0	1	0	0	0	0	0
antisense	-	7	4	15	5	5	9	0.347701	0.254787	0.898975	0.385486
antisense	-	0	0	0	0	1	0	0	0	0	0
antisense	-	2	0	1	0	0	0	0.28247	0	0.170408	0
antisense	-	1	0	3	0	0	1	0.04255	0	0.154017	0
pseudogen	-	0	0	0	2	1	0	0	0	0	0.770157
antisense	-	0	0	0	1	0	0	0	0	0	0.113188
protein_co	Protein_LO	2	1	5	2	2	0	0.045569	0.029218	0.137453	0.070729
protein_co	polymerase	386	257	310	254	338	337	4.310442	3.680247	4.176806	4.402493
pseudogen	-	1	0	0	1	5	1	0.162249	0	0	0.251833
protein_co	-	2	0	0	0	0	0	0.027397	0	0	0
pseudogen	olfactory_r	0	1	0	3	2	0	0	0.078704	0	0.285785
antisense	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	0	0	2	0	0	0	0	0	0.038651
processed_	-	0	0	0	37	51	6	0	0	0	0.607182
antisense	-	1	0	1	0	0	1	0.085722	0	0.103429	0
pseudogen	-	1	1	0	3	1	3	0.050474	0.064725	0	0.235026
pseudogen	olfactory_r	0	0	0	0	1	0	0	0	0	0
antisense	-	0	0	0	2	0	0	0	0	0	0.347398
lincRNA	-	6	4	15	0	7	0	0.606336	0.51836	1.82895	0
antisense	ZNF252P_a	9	1	5	8	5	9	0.130411	0.018582	0.087416	0.179925
protein_co	ferredoxin-	17	14	12	9	20	26	0.285812	0.301835	0.243423	0.234858
pseudogen	unc-93_ho	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	3	2	0	0	0	0	0.387934	0.243336	0
pseudogen	-	5	7	7	6	4	8	0.465179	0.835136	0.785771	0.866426
sense_intrc	BRWD1_in	15	4	10	7	5	13	0.70335	0.240519	0.565755	0.509459
lincRNA	-	0	0	0	2	4	10	0	0	0	0.053554
lincRNA	-	2	0	0	0	0	0	0.114646	0	0	0
pseudogen	-	0	0	0	5	6	4	0	0	0	0.551362
pseudogen	-	4	2	8	5	16	5	0.183343	0.117556	0.442428	0.355718
protein_co	RAB44_me	3	7	1	1	2	1	0.062855	0.188074	0.025279	0.03252
lincRNA	-	0	0	0	0	3	1	0	0	0	0
sense_intrc	-	1	2	1	0	1	1	0.083732	0.214749	0.101028	0
lincRNA	-	0	0	0	2	2	4	0	0	0	0.214058
processed_	-	4	0	3	3	5	4	0.078052	0	0.070631	0.090861
protein_co	Protocadhe	12	6	2	6	3	1	0.183702	0.117786	0.036941	0.142566
pseudogen	-	0	1	0	2	0	0	0	0.039301	0	0.095137
antisense	-	0	0	0	0	1	1	0	0	0	0
protein_co	MT-RNR2-li	0	0	0	0	0	2	0	0	0	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.970397
pseudogen	-	4	3	2	0	3	2	0.283323	0.272492	0.170923	0
antisense	-	0	0	0	1	3	1	0	0	0	0.170444
antisense	FAM222A_	2	1	0	0	1	2	0.107669	0.069035	0	0
processed_	-	4	3	6	1	7	12	0.81904	0.787727	1.482328	0.317816
lincRNA	-	0	0	0	0	1	0	0	0	0	0
lincRNA	RERG_antis	4	1	1	0	0	0	0.556558	0.178427	0.16788	0
protein_co	Uncharacte	4	3	3	1	2	0	0.078973	0.075953	0.071464	0.030644
protein_co	-	0	0	2	0	0	0	0	0	0.155214	0
lincRNA	-	0	0	1	43	40	40	0	0	0.08785	4.859521

lincRNA	-	0	2	5	0	2	1	0	0.218654	0.514323	0
lincRNA	-	4	1	0	0	8	1	0.455243	0.145946	0	0
pseudogen	-	2	0	0	0	0	1	0.568364	0	0	0
pseudogen	-	69	38	41	1	3	1	0.640675	0.452462	0.459326	0.014412
protein_co	Uncharacte	0	3	2	0	5	3	0	0.399976	0.250889	0
lincRNA	-	0	0	0	0	0	2	0	0	0	0
pseudogen	-	0	0	1	1	0	0	0	0	0.146949	0.189038
pseudogen	-	11	10	7	28	30	38	0.500767	0.583784	0.384494	1.97848
processed_	small_nucl	430	356	355	1624	1868	2351	7.284215	7.733456	7.25589	42.70029
processed_	-	1	0	0	0	0	0	0.134355	0	0	0
pseudogen	-	1	1	0	1	4	6	0.038153	0.048926	0	0.059219
lincRNA	-	2	0	0	0	0	0	0.155008	0	0	0
processed_	IFNG_antis	1	1	2	0	0	0	0.026181	0.033573	0.063178	0
pseudogen	-	3	2	2	1	0	0	0.084385	0.072141	0.067877	0.043659
protein_co	HCG20144	2	2	1	0	0	0	0.06252	0.080173	0.037717	0
antisense	-	4	1	3	2	4	3	0.329631	0.105676	0.298289	0.255817
lincRNA	-	0	0	1	1	0	0	0	0	0.084441	0.108627
sense_intrc	-	0	0	0	1	0	0	0	0	0	0.144691
protein_co	Uncharacte	16	10	9	6	8	6	1.423606	1.140983	0.966185	0.828613
antisense	-	0	1	0	0	0	0	0	0.084929	0	0
pseudogen	-	3	5	2	13	16	13	0.240051	0.513053	0.19309	1.614569
pseudogen	-	2	0	1	2	0	0	0.069518	0	0.041939	0.107902
lincRNA	-	0	0	0	3	0	2	0	0	0	0.779784
pseudogen	-	0	0	1	1	0	1	0	0	0.222738	0.286535
pseudogen	-	0	3	1	0	2	0	0	0.555044	0.174078	0
sense_intrc	-	2	0	1	0	1	0	0.166868	0	0.100668	0
processed_	rhabdomyc	0	0	0	280	242	516	0	0	0	7.843858
protein_co	Uncharacte	0	1	0	0	0	0	0	0.083398	0	0
antisense	-	0	1	0	1	1	0	0	0.106993	0	0.129501
antisense	-	1	2	0	0	0	0	0.120231	0.308358	0	0
protein_co	MT-RNR2-li	1	1	1	0	1	2	0.036349	0.046612	0.043857	0
pseudogen	-	18	9	6	19	29	25	0.696961	0.446877	0.280308	1.14188
protein_co	taste_recep	20	11	14	3	3	10	0.679073	0.478948	0.573539	0.158102
pseudogen	-	0	0	0	1	0	0	0	0	0	0.108303
antisense	-	0	2	3	1	2	0	0	0.208062	0.293644	0.125917
antisense	-	0	0	0	0	0	1	0	0	0	0
antisense	-	0	0	0	0	0	2	0	0	0	0
pseudogen	-	0	0	2	0	2	0	0	0	0.75434	0
pseudogen	-	3	1	0	0	0	0	0.175399	0.074975	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	1	0	0	1	0	0	0.073688	0	0
antisense	PXN_antise	28	18	16	42	43	36	1.122154	0.925074	0.773682	2.612608
lincRNA	-	2	1	2	0	0	0	0.197432	0.126589	0.238213	0
pseudogen	-	1	0	0	0	0	0	0.056836	0	0	0
lincRNA	-	3	2	3	3	2	7	0.169075	0.144543	0.203998	0.262427
lincRNA	-	5	3	8	0	0	0	0.529233	0.4072	1.02168	0
antisense	DENND5B_	5	3	2	6	5	3	0.21198	0.163101	0.102307	0.394827
protein_co	-	3	6	7	4	0	1	0.054292	0.139243	0.152848	0.112358
protein_co	long_interg	5	4	5	2	0	0	0.400769	0.411144	0.483551	0.24882
pseudogen	-	1	0	0	1	0	1	0.082263	0	0	0.127684
antisense	-	0	0	1	0	0	0	0	0	0.084315	0
antisense	-	1	7	6	5	4	7	0.080706	0.724455	0.584257	0.626332
processed_	-	1	4	2	2	9	2	0.043177	0.221473	0.104191	0.134033
pseudogen	-	0	0	0	1	0	0	0	0	0	0.256267
processed_	-	0	2	0	4	1	7	0	0.215906	0	0.522656
processed_	-	2	1	0	0	1	0	0.130613	0.083746	0	0
antisense	-	1	1	2	0	0	0	0.094727	0.121474	0.228588	0
antisense	-	1	0	0	1	3	0	0.223286	0	0	0.34657
antisense	-	0	0	0	1	2	2	0	0	0	0.076289
lincRNA	-	0	0	0	3	1	0	0	0	0	0.394114
lincRNA	-	14	5	9	4	14	1	0.985676	0.451425	0.764534	0.437116
antisense	-	0	0	0	2	1	2	0	0	0	0.249673
pseudogen	-	0	1	1	0	0	0	0	0.108538	0.102122	0
antisense	-	0	1	0	0	0	2	0	0.12002	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0

pseudogen	-	0	0	0	6	2	2	0	0	0	0.408493
pseudogen	-	2	0	1	0	0	0	0.721385	0	0.435196	0
antisense	-	2	3	3	7	4	7	0.196604	0.378175	0.355821	1.068047
pseudogen	-	0	0	1	0	1	3	0	0	0.02476	0
antisense	-	1	4	3	3	7	10	0.060503	0.310347	0.219002	0.281728
lincRNA	-	12	2	3	2	0	1	0.179483	0.03836	0.054139	0.04643
pseudogen	-	0	0	0	0	1	1	0	0	0	0
protein_co	cytochrom	4	5	0	3	9	3	0.106327	0.170436	0	0.123775
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	neurexophi	0	1	2	0	0	0	0	0.082823	0.155855	0
lincRNA	-	0	0	0	5	7	5	0	0	0	0.259003
pseudogen	metallothi	0	0	0	0	3	2	0	0	0	0
lincRNA	-	4	2	1	8	7	16	0.264169	0.16938	0.079684	0.820054
lincRNA	-	10	2	5	7	14	9	1.100705	0.2823	0.664032	1.195912
pseudogen	proteasom	1	0	0	0	0	1	0.035124	0	0	0
protein_co	coiled-coil_	0	0	0	2	1	5	0	0	0	0.264654
lincRNA	-	0	0	0	2	4	0	0	0	0	0.288237
sense_intrc	-	7	6	4	1	0	7	1.215667	1.336218	0.838156	0.269555
antisense	-	1	0	0	26	16	24	0.094536	0	0	3.81507
protein_co	histone_clu	5	4	11	14	35	83	0.502034	0.51503	1.332614	2.181836
pseudogen	taste_recep	2	0	0	0	0	2	0.101384	0	0	0
sense_intrc	-	0	4	3	0	0	0	0	0.644824	0.455031	0
pseudogen	-	1	0	1	0	1	1	0.100407	0	0.121147	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
antisense	CACNA1C_a	1	2	0	0	0	0	0.063796	0.163618	0	0
pseudogen	chromobo	1	0	2	4	2	0	0.110851	0	0.267496	0.688225
sense_intrc	-	0	0	0	0	2	3	0	0	0	0
antisense	-	0	1	0	0	0	0	0	0.14049	0	0
pseudogen	-	0	0	0	2	0	0	0	0	0	0.150216
pseudogen	mitochond	2	5	4	1	4	2	0.155265	0.497763	0.374672	0.120496
protein_co	cathepsin_	140	125	124	42	48	31	2.222276	2.544423	2.374869	1.034784
processed_	peptidyl_a	0	0	0	0	4	3	0	0	0	0
lincRNA	-	3	2	2	0	0	0	0.107628	0.092012	0.086573	0
protein_co	apoptogen	224	188	201	130	149	123	4.163046	4.48054	4.507204	3.750049
pseudogen	-	2	4	1	0	0	0	0.101056	0.25918	0.060965	0
protein_co	trafficking_	27	17	24	36	46	27	0.726351	0.586464	0.779009	1.503197
protein_co	dyslexia_su	4	8	4	2	4	3	0.094109	0.241364	0.113548	0.073035
pseudogen	alpha-2-ma	0	0	0	0	5	3	0	0	0	0
pseudogen	-	0	0	0	0	0	2	0	0	0	0
protein_co	chromosor	6	2	1	15	21	3	0.34478	0.147377	0.069333	1.337864
antisense	-	35	40	38	2	2	6	3.614869	5.297779	4.735395	0.320616
lincRNA	-	0	0	0	4	5	5	0	0	0	0.393937
protein_co	zinc_finger_	286	272	298	120	122	126	2.971537	3.624043	3.735763	1.935204
pseudogen	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	24	17	18	35	36	29	0.586125	0.532399	0.530395	1.326715
protein_co	long_interg	2	0	0	0	2	0	0.19061	0	0	0
lincRNA	-	1	1	0	5	7	5	0.077761	0.099718	0	0.603481
pseudogen	-	0	0	1	0	4	0	0	0	0.098564	0
lincRNA	-	0	0	0	1	2	1	0	0	0	0.096525
antisense	-	1	2	1	0	1	0	0.050802	0.130292	0.061295	0
lincRNA	-	7	6	5	4	9	3	0.513662	0.564599	0.442688	0.455586
lincRNA	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	2	0	1	0	4	1	0.13025	0	0.078577	0
lincRNA	-	0	0	0	1	1	7	0	0	0	0.185663
processed_	-	4	3	7	9	13	2	0.347978	0.334674	0.734747	1.215247
pseudogen	-	1	2	4	5	6	4	0.032293	0.082823	0.155855	0.250619
lincRNA	-	0	0	0	4	3	3	0	0	0	0.085952
pseudogen	-	1	0	0	0	0	0	0.287669	0	0	0
lincRNA	-	0	0	1	0	0	0	0	0	0.044303	0
lincRNA	-	0	0	0	1	0	2	0	0	0	0.129501
pseudogen	-	0	0	0	1	0	0	0	0	0	0.150995
protein_co	small_leuci	0	0	0	0	1	0	0	0	0	0
antisense	-	1	3	1	2	7	6	0.084487	0.325026	0.101938	0.26227
pseudogen	activating_	1	1	0	0	2	1	0.024295	0.031155	0	0
pseudogen	glycine_cle	0	0	0	0	1	0	0	0	0	0

lincRNA	-	0	0	1	0	0	0	0	0	0.07635	0
pseudogen	-	3	2	0	4	7	7	0.445158	0.380568	0	0.921263
lincRNA	-	15	14	17	16	21	29	4.089246	4.894286	5.591765	6.770214
protein_co	taste_recep	0	4	4	3	0	2	0	0.142572	0.134145	0.129425
pseudogen	-	0	0	0	1	0	0	0	0	0	0.081047
lincRNA	long_interg	1	0	1	0	0	0	0.024233	0	0.029238	0
antisense	-	3	0	4	0	2	0	0.036661	0	0.058979	0
antisense	-	3	5	1	3	1	4	0.162813	0.347973	0.065481	0.252708
sense_intrc	TSPAN9_int	0	1	0	0	1	0	0	0.106993	0	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	1	0	0	0	2	0	0.128209	0	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
protein_co	MT-RNR2-li	1	1	0	1	1	1	0.033905	0.043478	0	0.052625
protein_co	zinc_finger	65	58	51	81	77	123	0.686298	0.785302	0.649707	1.327441
protein_co	zinc_finger	191	148	132	364	487	370	2.334113	2.319315	1.946304	6.904313
lincRNA	-	0	0	0	16	14	24	0	0	0	1.341563
antisense	-	2	2	2	0	3	1	0.134163	0.172045	0.161876	0
protein_co	small_integ	0	0	0	0	1	1	0	0	0	0
lincRNA	-	1	1	0	0	0	0	0.249415	0.319839	0	0
pseudogen	-	0	1	0	3	1	4	0	0.019192	0	0.06969
pseudogen	ribosomal_	0	0	2	1	1	0	0	0	0.239727	0.154194
lincRNA	-	3	1	5	10	7	2	0.732657	0.313176	1.47332	3.790615
lincRNA	-	2	2	0	1	1	1	0.159762	0.204872	0	0.123986
pseudogen	-	0	1	1	4	1	0	0	0.053354	0.0502	0.258313
sense_intrc	CACNA1C_i	0	0	1	0	0	0	0	0	0.096053	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	1	0	0	0	0	0	0.15992	0	0
antisense	USP30_ant	1	0	0	0	0	0	0.071479	0	0	0
pseudogen	DEAD/H_(A	2	0	0	3	2	1	0.25623	0	0	0.596556
lincRNA	-	48	54	34	0	0	0	3.677648	5.30557	3.143084	0
protein_co	hydroxyme	649	494	538	850	1054	895	14.40891	14.06445	14.41175	29.29111
antisense	CACNA1C_a	2	2	4	9	6	5	0.15399	0.197471	0.371596	1.075564
lincRNA	-	0	0	0	2	1	0	0	0	0	0.255368
antisense	-	4	3	4	13	16	10	0.184244	0.1772	0.222301	0.929408
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	7	15	9	9	16	13	0.34807	0.956465	0.539957	0.694611
pseudogen	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	0	38	38	46	0	0	0	4.261375
pseudogen	-	0	0	0	0	0	1	0	0	0	0
protein_co	zinc_finger	102	60	61	58	65	57	1.884469	1.421508	1.359774	1.663211
pseudogen	-	0	0	0	1	1	1	0	0	0	0.332328
lincRNA	-	0	0	0	1	0	0	0	0	0	0.229589
pseudogen	-	3	11	12	59	53	74	0.063508	0.298613	0.306504	1.938604
processed_	-	0	1	0	0	0	0	0	0.157408	0	0
pseudogen	-	1	0	0	0	0	0	0.12372	0	0	0
lincRNA	-	0	0	0	2	0	0	0	0	0	0.372275
antisense	-	1	1	2	5	0	1	0.097282	0.124751	0.234753	0.754977
processed_	-	0	1	2	0	0	0	0	0.084098	0.158253	0
protein_co	histone_clu	1	0	1	1	0	5	0.100622	0	0.121407	0.15618
lincRNA	-	0	0	0	3	0	2	0	0	0	0.134033
pseudogen	-	13	11	17	11	12	6	3.078637	3.340544	4.857493	4.043322
antisense	-	1	3	1	0	2	4	0.125374	0.482325	0.151271	0
sense_intrc	-	2	3	1	0	5	1	0.378145	0.727377	0.228127	0
pseudogen	ribosomal_	6	4	6	7	7	8	0.922427	0.788587	1.112961	1.670356
pseudogen	ATP-bindin	1	0	2	8	20	9	0.015933	0	0.038448	0.197838
antisense	-	0	0	0	1	0	0	0	0	0	0.126574
pseudogen	-	5	2	2	1	1	0	0.683528	0.350611	0.329886	0.212186
pseudogen	heat_shock	0	1	0	0	0	2	0	0.029062	0	0
lincRNA	-	12	2	5	8	6	5	1.469139	0.313994	0.738584	1.520205
pseudogen	-	6	1	6	4	2	2	0.649746	0.138868	0.783956	0.672331
lincRNA	-	0	1	1	1	0	0	0	0.118834	0.111809	0.143834
antisense	-	1	7	0	0	0	1	0.042243	0.379197	0	0
lincRNA	-	0	1	1	0	1	0	0	0.105122	0.098908	0
pseudogen	-	8	5	5	11	20	11	0.252266	0.202185	0.190234	0.538385
processed_	-	43	31	31	65	100	58	1.240019	1.146386	1.078623	2.909402

pseudogen	-	54	34	38	51	44	54	32.46232	26.21042	27.56243	47.58679
protein_co	acid-sensin	0	0	0	0	0	1	0	0	0	0
pseudogen	-	1	0	0	2	0	0	0.038434	0	0	0.119311
pseudogen	-	1	0	0	0	1	0	0.6252	0	0	0
protein_co	NADH-cyto	0	2	0	0	1	0	0	0.050487	0	0
lincRNA	-	0	0	0	11	26	11	0	0	0	0.807034
processed_	-	1	0	0	1	0	0	0.157879	0	0	0.24505
pseudogen	-	1	0	0	0	1	1	0.02605	0	0	0
lincRNA	-	0	0	0	3	3	4	0	0	0	0.334876
lincRNA	-	0	0	0	2	0	0	0	0	0	0.294655
lincRNA	-	0	0	0	1	0	0	0	0	0	0.32491
processed_	-	1	4	1	0	0	0	0.050912	0.26115	0.061428	0
lincRNA	-	0	0	1	0	1	2	0	0	0.078143	0
protein_co	taste_recep	9	7	9	6	6	3	0.41333	0.412251	0.498707	0.427697
lincRNA	-	2	4	0	4	0	4	0.051218	0.131359	0	0.158995
antisense	-	1	1	3	0	0	0	0.140389	0.180029	0.508163	0
antisense	-	1	10	6	8	18	13	0.296772	3.805683	2.148437	3.685053
antisense	-	1	3	0	0	1	0	0.109813	0.422458	0	0
protein_co	sal-like_3_(	1	1	0	2753	3775	3565	0.011731	0.015044	0	50.12829
pseudogen	-	5	2	0	2	2	0	0.328822	0.168667	0	0.204151
antisense	-	0	2	0	0	0	0	0	0.202799	0	0
antisense	-	1	0	0	4	1	1	0.064057	0	0	0.397704
lincRNA	-	1	0	0	0	0	0	0.109813	0	0	0
antisense	-	1	1	4	0	5	0	0.03147	0.040356	0.151881	0
protein_co	polymerase	221	201	191	329	373	276	5.986536	6.982143	6.242589	13.83279
protein_co	-	0	2	0	3	4	5	0	0.095596	0	0.173561
pseudogen	-	4	3	3	0	2	1	0.176943	0.170179	0.160119	0
lincRNA	-	1	4	4	5	3	5	0.059055	0.302921	0.285015	0.458311
lincRNA	-	0	0	0	1	5	0	0	0	0	0.068466
antisense	-	0	0	0	0	0	2	0	0	0	0
processed_	-	6	12	10	63	91	67	0.315051	0.808015	0.633544	5.134521
pseudogen	-	10	2	3	2	5	9	0.756291	0.193967	0.273752	0.234774
pseudogen	-	0	2	0	0	0	0	0	0.382992	0	0
antisense	-	0	1	0	5	1	6	0	0.099718	0	0.603481
sense_intrc	-	0	2	0	0	4	0	0	0.233514	0	0
protein_co	olfactory_r	0	1	0	4	0	3	0	0.028936	0	0.140096
lincRNA	-	6	8	12	18	13	8	0.190481	0.325686	0.459652	0.886958
antisense	-	0	0	0	4	3	1	0	0	0	0.41948
pseudogen	-	0	0	0	0	0	2	0	0	0	0
sense_intrc	-	1	2	1	2	2	2	0.074429	0.190888	0.089802	0.231047
pseudogen	-	1	0	1	1	6	0	0.046288	0	0.055849	0.071846
protein_co	Uncharacte	2	9	5	3	2	1	0.106206	0.612874	0.32036	0.24727
pseudogen	-	81	78	64	29	49	40	1.454093	1.795606	1.38623	0.808045
lincRNA	-	1	2	1	1	5	3	0.020785	0.053307	0.025078	0.032261
lincRNA	-	2	0	0	0	0	0	0.230985	0	0	0
antisense	-	1	3	1	0	2	3	0.080017	0.307832	0.096545	0
pseudogen	-	2	0	6	2	4	2	0.10238	0	0.370582	0.158908
antisense	-	0	0	0	0	1	0	0	0	0	0
pseudogen	cytochrom	0	1	0	4	6	0	0	0.020342	0	0.098484
antisense	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	10	7	10	1	2	2	0.139346	0.125084	0.168129	0.021628
pseudogen	-	0	1	0	1	0	0	0	0.06117	0	0.074038
protein_co	-	1	0	1	1	1	0	0.040492	0	0.048856	0.06285
pseudogen	taste_recep	0	2	4	1	1	1	0	0.152227	0.286458	0.092126
antisense	-	0	0	0	1	3	4	0	0	0	0.109608
protein_co	Proteasom	0	0	0	0	0	1	0	0	0	0
sense_intrc	RERG_intrc	7	3	4	0	0	0	1.090466	0.5993	0.751834	0
pseudogen	-	3	4	4	0	0	0	0.149173	0.255057	0.239981	0
lincRNA	-	11	8	12	1	0	0	0.713403	0.665337	0.939013	0.100664
protein_co	transmemb	1	1	6	7	9	9	0.031985	0.041016	0.23155	0.347516
pseudogen	-	0	3	2	0	0	1	0	0.19565	0.122723	0
antisense	-	0	0	0	1	0	0	0	0	0	0.485199
antisense	A2ML1_ant	0	0	1	3	3	3	0	0	0.125167	0.483052
pseudogen	-	581	407	467	136	195	348	19.14483	17.19805	18.56694	6.955765
pseudogen	killer_cell_l	49	36	38	64	61	58	1.084802	1.022036	1.015047	2.199201

antisense	-	0	0	0	1	0	0	0	0	0	0.286535
pseudogen	-	9	8	4	11	20	18	1.055025	1.202596	0.565755	2.001445
pseudogen	coiled-coil_	0	0	1	0	0	1	0	0	0.130962	0
pseudogen	-	0	2	0	1	0	0	0	0.127936	0	0.077425
protein_co	zinc_finger_	92	68	67	68	78	139	1.845116	1.748856	1.621283	2.116778
antisense	-	1	0	1	1	3	6	0.082991	0	0.100134	0.128814
antisense	-	0	0	0	1	1	0	0	0	0	0.13732
antisense	-	0	0	0	1	1	0	0	0	0	0.066103
lincRNA	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	0	1	1	3	0	0	0	0.046416
antisense	-	4	5	2	0	2	0	0.313122	0.501918	0.1889	0
sense_intrc	-	4	4	5	4	7	3	0.487169	0.624725	0.734747	0.756154
protein_co	pepsinogen	1	0	0	0	0	0	0.030869	0	0	0
pseudogen	-	0	0	1	0	0	0	0	0	0.111369	0
sense_intrc	CACNA1C_i	2	0	0	0	3	0	0.150772	0	0	0
pseudogen	-	0	1	0	0	0	0	0	0.050957	0	0
pseudogen	-	0	0	0	1	0	3	0	0	0	0.059075
lincRNA	-	0	1	0	0	0	0	0	0.133031	0	0
antisense	-	0	0	0	1	0	0	0	0	0	0.129964
lincRNA	-	7	1	5	13	17	17	0.603364	0.110533	0.519995	1.739223
pseudogen	-	4	6	10	2	0	4	0.341639	0.657156	1.030519	0.265136
antisense	-	3	3	2	0	4	2	0.285915	0.366645	0.229982	0
antisense	-	2	0	2	2	0	0	0.138115	0	0.166644	0.214373
antisense	-	0	0	0	0	1	1	0	0	0	0
antisense	-	0	0	1	0	0	3	0	0	0.107969	0
protein_co	saitohin	0	2	0	0	0	0	0	0.270246	0	0
protein_co	zinc_finger_	54	71	67	290	271	518	0.71954	1.21319	1.077169	5.997767
antisense	-	1	1	0	0	1	1	0.110851	0.142151	0	0
lincRNA	-	13	10	10	0	0	1	1.009222	0.995526	0.936681	0
antisense	-	89	70	84	24	25	27	1.649491	1.66367	1.878396	0.690401
protein_co	calpain_sm	1	1	0	2	0	2	0.046152	0.059183	0	0.143267
processed_	-	0	0	0	1	0	1	0	0	0	0.148228
processed_	-	0	0	0	3	4	0	0	0	0	0.335907
pseudogen	-	1	0	0	0	0	1	0.175618	0	0	0
pseudogen	-	2	1	2	1	0	0	0.264169	0.16938	0.318735	0.205014
pseudogen	-	1	1	2	0	4	0	0.024537	0.031465	0.05921	0
processed_	-	0	0	0	2	1	0	0	0	0	0.294655
antisense	-	2	0	0	0	0	0	0.138319	0	0	0
protein_co	solute_carr	0	0	0	0	0	1	0	0	0	0
protein_co	nucleolar_p	56	45	44	45	70	56	0.920702	0.948752	0.872834	1.148349
pseudogen	-	28	14	22	10	9	16	2.007524	1.287182	1.903152	1.112841
pseudogen	-	0	0	0	0	1	1	0	0	0	0
antisense	-	20	13	9	2	3	0	1.656891	1.381073	0.899611	0.257172
antisense	-	11	19	16	19	36	7	0.845558	1.872895	1.483948	2.266912
pseudogen	-	3	2	0	1	1	3	0.264417	0.226052	0	0.136804
pseudogen	-	5	4	1	1	2	0	0.437407	0.44873	0.105551	0.135783
antisense	A2ML1_ant	1	0	0	1	7	1	0.121477	0	0	0.188549
pseudogen	-	1	6	2	1	1	0	0.339783	2.614339	0.819935	0.52739
pseudogen	-	0	0	1	0	0	0	0	0	0.022685	0
processed_	-	5	2	1	1	1	2	0.40845	0.209511	0.098564	0.126794
lincRNA	-	1	1	2	0	0	0	0.085722	0.109927	0.206857	0
pseudogen	-	0	0	0	0	3	0	0	0	0	0
pseudogen	-	0	0	0	0	3	0	0	0	0	0
antisense	-	1	0	0	0	0	1	0.108794	0	0	0
antisense	-	2	1	0	5	4	2	0.053103	0.034049	0	0.206058
antisense	-	0	0	0	0	0	1	0	0	0	0
antisense	-	0	0	0	0	1	0	0	0	0	0
protein_co	Homo_sapi	1	0	0	0	0	0	0.034453	0	0	0
lincRNA	-	2	8	5	1	3	4	0.331378	1.699782	0.999567	0.257172
antisense	-	20	13	21	9	19	4	1.25207	1.043641	1.586229	0.874524
pseudogen	small_nucl	0	0	1	0	5	2	0	0	0.20278	0
lincRNA	-	0	0	0	11	12	19	0	0	0	1.477081
lincRNA	long_interg	0	1	0	0	0	0	0	0.309947	0	0
lincRNA	-	2	3	0	1	0	1	0.284182	0.546635	0	0.220545
lincRNA	-	18	13	23	16	19	9	1.143659	1.059197	1.763193	1.577882

pseudogen	-	0	0	1	3	2	0	0	0	0.027706	0.106924
pseudogen	taste_recep	4	5	3	6	4	4	0.20611	0.330383	0.186513	0.479867
lincRNA	-	0	0	0	1	0	0	0	0	0	0.209137
pseudogen	-	1	0	0	0	1	0	0.033978	0	0	0
lincRNA	-	0	0	0	0	1	3	0	0	0	0
lincRNA	-	0	0	0	4	2	1	0	0	0	0.151625
antisense	-	0	0	0	8	8	3	0	0	0	0.777354
lincRNA	-	0	0	0	1	3	0	0	0	0	0.301991
protein_co	G_protein-	0	0	0	0	2	0	0	0	0	0
protein_co	haptoglobi	0	0	0	2	4	6	0	0	0	0.048135
antisense	-	0	0	0	0	1	5	0	0	0	0
sense_intrc	-	74	61	57	24	40	28	1.383517	1.462487	1.285807	0.696457
pseudogen	-	0	2	1	0	0	2	0	0.084809	0.039898	0
antisense	-	6	7	7	0	1	1	0.165982	0.248324	0.233645	0
protein_co	-	1	0	0	0	0	0	0.021952	0	0	0
antisense	-	6	8	11	0	0	0	0.355227	0.607372	0.785771	0
pseudogen	-	0	0	0	1	0	1	0	0	0	0.145851
antisense	-	0	1	0	0	1	0	0	0.072358	0	0
lincRNA	-	0	0	0	1	2	0	0	0	0	0.14132
antisense	-	1	2	1	1	0	0	0.057889	0.148469	0.069846	0.089852
pseudogen	-	0	0	0	0	1	0	0	0	0	0
antisense	-	0	0	0	0	0	1	0	0	0	0
antisense	-	2	7	2	0	3	1	0.239847	1.076493	0.289389	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.13281
processed_	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	3	0	0	0	1	2	0.419911	0	0	0
pseudogen	ribosomal_	5	0	0	2	2	0	0.504194	0	0	0.313031
pseudogen	-	0	0	0	2	0	0	0	0	0	0.299505
lincRNA	-	0	0	0	2	0	0	0	0	0	0.187819
antisense	-	0	0	0	0	2	0	0	0	0	0
processed_	-	6	7	2	15	32	14	0.329824	0.493445	0.132651	1.279832
protein_co	paraneopla	3	5	3	6	4	8	0.095112	0.203279	0.114758	0.295253
protein_co	KIAA1147	358	274	325	867	1056	861	2.300799	2.258164	2.520153	8.648587
pseudogen	-	0	0	0	1	1	1	0	0	0	0.235533
antisense	-	0	0	0	0	2	0	0	0	0	0
lincRNA	-	0	0	0	0	0	2	0	0	0	0
pseudogen	leucine_ric	0	0	0	0	0	1	0	0	0	0
protein_co	LSM14A_SC	2520	2098	2251	3287	3850	3101	32.36451	34.55281	34.88125	65.52375
protein_co	NHL_repeat	10	12	6	8	17	2	0.223605	0.34409	0.161876	0.277653
pseudogen	-	3	1	3	4	6	2	0.273146	0.116757	0.329566	0.56528
pseudogen	RNA_polym	31	30	34	23	36	72	0.444659	0.551818	0.588427	0.512063
pseudogen	-	0	1	0	0	0	0	0	0.138868	0	0
protein_co	chronic_lyr	6	4	8	0	0	0	0.072194	0.061719	0.116142	0
pseudogen	-	2	0	1	0	0	0	0.201677	0	0.121668	0
processed_	-	5	5	12	26	18	7	0.134974	0.173085	0.39085	1.089393
protein_co	taste_recep	0	0	0	3	0	0	0	0	0	0.191023
processed_	-	3	0	0	1	2	1	0.243374	0	0	0.125917
processed_	-	0	0	0	0	1	0	0	0	0	0
pseudogen	phosphogly	0	0	0	10	14	16	0	0	0	0.338826
lincRNA	-	183	172	148	1666	1502	2169	1.858136	2.239568	1.81316	26.2562
lincRNA	-	14	26	15	1	0	0	1.095927	2.609974	1.416749	0.121502
pseudogen	-	0	0	0	2	0	1	0	0	0	0.229952
processed_	TMPO_anti	44	39	36	85	90	123	0.614585	0.698559	0.606708	1.842801
pseudogen	-	0	0	1	0	1	0	0	0	0.150068	0
antisense	-	4	3	4	4	1	5	0.078807	0.075794	0.095085	0.122319
sense_intrc	hsa-mir-10	7	0	3	0	0	0	0.124802	0	0.064535	0
protein_co	Uncharacte	33	23	21	0	0	0	2.022707	1.807824	1.553053	0
lincRNA	-	0	0	0	3	2	1	0	0	0	0.380382
antisense	-	2	0	0	4	1	3	0.130978	0	0	0.406591
lincRNA	-	1	5	0	0	0	0	0.050637	0.324675	0	0
pseudogen	-	0	0	1	0	1	2	0	0	0.060965	0
processed_	-	0	0	1	0	0	0	0	0	0.130358	0
antisense	-	0	1	0	1	0	0	0	0.106613	0	0.129042

protein_co	LIM_and_s	1	1	0	0	0	0	0.014644	0.018779	0	0
protein_co	glutamyl-tF	307	216	229	211	238	301	6.91746	6.241247	6.225752	7.379403
processed_	-	10	12	15	0	0	0	0.432964	0.666258	0.783594	0
pseudogen	-	0	1	2	0	0	0	0	0.090015	0.169388	0
antisense	-	5	2	0	2	0	1	0.39075	0.200433	0	0.242599
antisense	-	1	0	0	3	2	1	0.125374	0	0	0.583795
antisense	-	0	2	1	0	0	2	0	0.043088	0.020271	0
pseudogen	-	0	1	0	1	0	1	0	0.226052	0	0.273608
processed_	-	0	1	0	1	0	0	0	0.120501	0	0.145851
protein_co	uncharacte	10	4	8	1	1	5	0.21304	0.109277	0.205636	0.033067
pseudogen	-	5	3	4	9	8	1	0.433364	0.333437	0.418303	1.210755
pseudogen	-	0	3	8	7	4	4	0	0.239243	0.600271	0.675675
antisense	-	1	0	1	3	3	1	0.057604	0	0.069503	0.26823
antisense	-	0	0	1	0	0	1	0	0	0.174078	0
lincRNA	-	0	0	0	1	1	2	0	0	0	0.122732
lincRNA	-	1	1	1	0	0	0	0.023742	0.030445	0.028646	0
processed_	-	16	10	22	27	26	28	0.904994	0.725329	1.501401	2.370392
lincRNA	microRNA_	0	1	0	1	0	0	0	0.088949	0	0.107662
processed_	-	0	0	0	0	1	0	0	0	0	0
pseudogen	zinc_finger_	451	384	366	183	200	262	4.127127	4.506214	4.041108	2.599279
antisense	-	24	8	21	26	47	58	2.5289	1.080985	2.669855	4.252303
antisense	KIRREL3_ar	0	4	2	1	1	1	0	0.410442	0.19309	0.124198
lincRNA	-	1	1	0	0	0	1	0.07802	0.10005	0	0
antisense	-	0	0	0	2	2	0	0	0	0	0.053163
antisense	-	6	11	5	5	7	6	0.06705	0.157633	0.067416	0.086725
antisense	-	1	3	1	0	0	0	0.086833	0.334054	0.104769	0
antisense	-	5	5	4	2	6	6	0.396701	0.508712	0.382914	0.246294
lincRNA	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	0	0	6	4	5	0	0	0	1.017899
sense_intrc	-	7	11	17	10	3	4	0.069644	0.140341	0.20407	0.154424
pseudogen	fumarylace	0	0	0	1	0	1	0	0	0	0.077508
antisense	-	17	22	23	5	14	22	1.824097	3.027129	2.977658	0.832721
pseudogen	-	0	2	0	1	0	0	0	0.169619	0	0.102651
protein_co	zinc_finger_	432	326	367	23	23	31	4.766232	4.612309	4.885461	0.393867
antisense	-	0	0	0	1	0	0	0	0	0	0.145851
antisense	-	0	2	0	0	0	0	0	0.166796	0	0
protein_co	Uncharacte	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	1	1	0	0	0	0	0.038733
protein_co	maltase-glu	0	0	0	4	6	3	0	0	0	0.03174
antisense	-	72	68	61	29	42	34	1.179211	1.428161	1.205416	0.737204
protein_co	-	0	0	0	0	0	3	0	0	0	0
lincRNA	-	0	0	0	1	3	3	0	0	0	0.081047
antisense	-	1	0	0	0	0	0	0.065398	0	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
antisense	-	17	19	18	9	4	10	1.436271	2.058498	1.834881	1.180213
antisense	-	1	0	0	1	2	0	0.082263	0	0	0.127684
protein_co	farnesyltra	19	27	14	10	18	12	0.314365	0.572867	0.279484	0.256809
pseudogen	-	1	0	0	1	0	1	0.069673	0	0	0.108142
pseudogen	-	2	1	3	3	5	2	0.121006	0.077587	0.219002	0.281728
pseudogen	-	2	0	2	1	1	0	0.331378	0	0.399827	0.257172
pseudogen	-	3	2	2	0	0	0	0.417419	0.356853	0.33576	0
protein_co	Uncharacte	0	1	1	2	1	0	0	0.033276	0.031309	0.080553
lincRNA	microRNA_	0	0	0	2	6	2	0	0	0	0.068725
processed_	-	0	0	0	2	2	0	0	0	0	0.199124
pseudogen	-	0	0	1	0	0	0	0	0	0.221865	0
processed_	-	15	8	18	11	15	10	0.49151	0.336155	0.711642	0.559453
processed_	-	0	0	1	0	0	0	0	0	0.108382	0
pseudogen	-	0	0	0	2	2	1	0	0	0	0.817751
lincRNA	-	0	1	1	0	0	0	0	0.019144	0.018012	0
lincRNA	-	6	8	2	8	4	2	0.08528	0.145813	0.034299	0.176489
antisense	-	8	7	2	5	2	5	0.498168	0.558976	0.150267	0.483266
antisense	-	1	0	1	1	2	0	0.084487	0	0.101938	0.131135
protein_co	zinc_finger_	5	3	3	73	83	77	0.134974	0.103851	0.097712	3.058679
antisense	-	0	0	0	0	1	0	0	0	0	0
processed_	-	0	0	0	0	2	0	0	0	0	0

antisense	-	0	0	1	0	1	4	0	0	0.162107	0
processed_	-	0	0	0	0	1	1	0	0	0	0
pseudogen	-	0	0	0	0	3	0	0	0	0	0
pseudogen	-	0	1	0	0	1	1	0	0.185586	0	0
lincRNA	-	0	3	1	1	0	0	0	0.167027	0.052385	0.067389
lincRNA	-	6	0	0	247	407	258	0.34478	0	0	22.03016
sense_intrc	-	11	3	5	8	11	22	0.962295	0.336547	0.527757	1.086266
lincRNA	-	0	0	0	1	0	0	0	0	0	0.153544
processed_	-	0	1	0	0	0	0	0	0.132444	0	0
pseudogen	-	2	0	1	19	33	18	0.101056	0	0.060965	1.490104
processed_	-	1	1	2	3	6	1	0.083434	0.106993	0.201336	0.388504
antisense	-	7	14	20	21	12	6	0.404224	1.036721	1.393485	1.882236
3prime_ov	-	16	2	6	1	1	1	0.417961	0.066997	0.18911	0.040546
pseudogen	-	0	0	0	1	0	0	0	0	0	0.281003
processed_	-	1	0	0	1	1	0	0.110851	0	0	0.172056
sense_intrc	-	23	18	25	9	29	12	2.038696	2.046004	2.673701	1.23822
lincRNA	-	0	0	1	0	0	0	0	0	0.046679	0
pseudogen	-	8	9	10	14	9	7	0.373254	0.538476	0.56294	1.013848
pseudogen	-	2	0	0	2	0	2	0.082771	0	0	0.128473
pseudogen	-	1	1	0	0	1	0	0.041532	0.053259	0	0
processed_	-	3	2	1	0	0	0	0.243796	0.208422	0.098051	0
processed_	-	0	1	0	0	0	0	0	0.056144	0	0
processed_	-	0	1	0	0	0	0	0	0.240519	0	0
pseudogen	-	5	0	1	3	4	2	0.662288	0	0.159818	0.616778
lincRNA	-	3	2	1	0	4	1	0.186565	0.159495	0.075034	0
pseudogen	heat_shock	0	0	0	2	3	0	0	0	0	0.080642
pseudogen	olfactory_r	2	0	1	0	0	1	0.065949	0	0.039786	0
lincRNA	-	4	2	2	4	10	5	0.494881	0.317308	0.298551	0.768125
protein_co	Uncharacte	0	0	2	1	0	0	0	0	0.198511	0.127684
processed_	-	0	0	0	0	1	0	0	0	0	0
antisense	-	4	0	1	0	0	1	0.081654	0	0.02463	0
lincRNA	-	16	16	19	5	6	3	0.777451	0.996971	1.113922	0.377097
antisense	-	3	6	4	6	3	6	0.11821	0.303175	0.19017	0.366957
antisense	-	2	0	0	2	1	0	0.11059	0	0	0.17165
pseudogen	glutathione	0	1	0	1	0	0	0	0.188495	0	0.22815
pseudogen	-	0	1	0	0	0	0	0	0.601298	0	0
pseudogen	-	8	2	2	1	3	0	0.358967	0.115081	0.108278	0.069646
pseudogen	-	0	2	0	1	2	2	0	0.070658	0	0.042761
processed_	-	1	1	2	0	1	0	0.092485	0.118599	0.223178	0
antisense	-	0	0	0	0	2	0	0	0	0	0
lincRNA	long_interg	0	0	0	0	1	0	0	0	0	0
protein_co	zinc_finger_	2	3	1	7	8	9	0.055888	0.107503	0.033716	0.303611
protein_co	UDP-N-acet	37	31	28	1	4	8	0.321343	0.345254	0.293409	0.01348
lincRNA	-	0	0	1	1	3	0	0	0	0.180177	0.231783
antisense	-	3	2	8	9	17	16	0.191388	0.163618	0.615788	0.891181
protein_co	Uncharacte	0	0	0	1	0	0	0	0	0	0.075576
pseudogen	-	1	0	1	0	0	1	0.192963	0	0.232821	0
processed_	-	12	2	4	4	5	1	0.883328	0.188791	0.355262	0.457016
pseudogen	-	0	1	0	0	0	0	0	0.024704	0	0
processed_	-	4	0	3	3	3	0	0.298188	0	0.269835	0.347121
processed_	-	399	349	376	184	257	296	7.559239	8.478909	8.594905	5.4107
pseudogen	-	0	0	0	1	0	0	0	0	0	0.294655
pseudogen	-	6	10	8	0	0	0	1.284658	2.745653	2.066685	0
antisense	-	0	0	0	13	5	5	0	0	0	1.553592
pseudogen	-	0	0	0	1	1	1	0	0	0	0.126354
antisense	-	0	1	0	0	0	0	0	0.109526	0	0
lincRNA	-	34	32	33	225	211	229	3.733631	4.506214	4.372346	38.35001
lincRNA	-	0	0	0	2	3	0	0	0	0	0.397704
lincRNA	-	0	1	1	2	1	0	0	0.127124	0.11961	0.307737
pseudogen	eukaryotic_	5	6	6	0	0	0	1.662767	2.558715	2.407468	0
pseudogen	ribosomal_	0	1	0	0	0	0	0	0.122464	0	0
pseudogen	chromobo	1	0	3	0	0	0	0.09	0	0.325771	0
processed_	-	0	0	0	1	2	0	0	0	0	0.042989
pseudogen	-	0	1	9	0	0	1	0	0.036442	0.308594	0
pseudogen	-	0	0	0	0	0	2	0	0	0	0

antisense	-	0	1	2	3	14	2	0	0.081477	0.153321	0.295853
antisense	-	0	2	1	1	1	2	0	0.287702	0.135348	0.174114
processed_	-	94	86	90	7	13	13	5.807196	6.813126	6.708558	0.671223
antisense	LBX2_antis	30	22	33	2	3	2	0.675324	0.635072	0.896299	0.06988
protein_co	proline_ric	790	594	690	173	261	141	44.20419	42.62184	46.58365	15.02495
processed_	-	0	1	1	1	0	0	0	0.069675	0.065557	0.084333
processed_	-	1	1	0	0	1	0	0.071479	0.091661	0	0
antisense	-	8	15	5	6	1	6	0.713156	1.714728	0.53779	0.830188
pseudogen	coiled-coil-	0	1	0	1	0	0	0	0.0941	0	0.113896
protein_co	canopy_2_	76	63	60	48	82	112	2.947594	3.133314	2.807717	2.889521
antisense	-	0	1	1	0	0	0	0	0.085777	0.080707	0
antisense	-	0	0	0	1	1	0	0	0	0	0.129501
pseudogen	-	2	3	0	6	4	0	0.127592	0.245428	0	0.594121
antisense	-	39	24	17	19	17	28	4.184693	3.302323	2.200878	3.164339
lincRNA	-	87	69	82	75	80	132	0.814583	0.828466	0.926356	1.089953
pseudogen	-	8	2	5	0	1	2	0.533599	0.171066	0.402386	0
antisense	-	0	1	0	2	1	0	0	0.145593	0	0.352445
lincRNA	-	0	0	0	0	2	3	0	0	0	0
processed_	-	1	0	0	0	0	0	0.073495	0	0	0
processed_	-	2	0	0	0	0	0	0.177951	0	0	0
pseudogen	-	0	0	2	0	1	2	0	0	0.137486	0
antisense	-	0	0	2	0	0	1	0	0	0.213492	0
lincRNA	-	1	0	0	0	0	0	0.014853	0	0	0
pseudogen	suppressio	0	0	0	0	1	1	0	0	0	0
pseudogen	formin_bin	8	6	6	10	14	13	0.188124	0.180932	0.170237	0.364994
pseudogen	MRS2_mag	1	2	1	0	1	4	0.039042	0.100133	0.047107	0
pseudogen	-	4	6	10	5	2	2	0.128996	0.248128	0.389103	0.250274
pseudogen	-	0	0	0	1	0	0	0	0	0	0.070387
antisense	-	1	0	0	4	3	2	0.086833	0	0	0.53911
processed_	-	17	23	13	19	31	32	0.902752	1.566235	0.832935	1.566043
lincRNA	-	0	0	1	0	2	0	0	0	0.042538	0
pseudogen	-	0	4	0	0	0	8	0	0.220862	0	0
antisense	-	0	2	5	1	5	1	0	0.123343	0.290131	0.074646
processed_	-	0	0	0	1	0	0	0	0	0	0.121909
pseudogen	-	0	0	0	1	1	0	0	0	0	0.027351
antisense	NOVA1_ant	0	0	0	3	3	1	0	0	0	0.266919
lincRNA	-	0	0	0	0	3	0	0	0	0	0
lincRNA	-	1	1	0	0	0	0	0.183164	0.234882	0	0
pseudogen	-	1	0	1	5	7	4	0.041204	0	0.049715	0.319771
pseudogen	-	0	0	0	1	0	0	0	0	0	0.201049
lincRNA	-	1	2	1	0	0	0	0.018734	0.048046	0.022603	0
lincRNA	-	0	0	0	3	4	0	0	0	0	0.429802
pseudogen	-	0	1	0	0	0	0	0	0.121967	0	0
3prime_ov	-	19	5	13	5	2	1	1.565748	0.528381	1.292586	0.639541
lincRNA	-	1	0	0	2	7	2	0.053527	0	0	0.166164
pseudogen	-	0	0	1	0	0	0	0	0	0.024945	0
lincRNA	-	1	1	2	0	0	0	0.074193	0.095142	0.179036	0
lincRNA	-	3	2	1	2	1	3	0.121792	0.104121	0.048983	0.126026
pseudogen	-	3	0	9	0	0	9	0.241701	0	0.874879	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	1	0	1	1	1	0	0.201245	0	0.242813	0.31236
processed_	-	7	6	4	3	5	1	0.574834	0.631837	0.396326	0.382381
antisense	-	12	10	8	1	3	5	0.266168	0.284436	0.214098	0.034428
processed_	-	0	0	0	0	0	1	0	0	0	0
protein_co	cut-like_ho	3312	2375	2703	2015	2356	1525	11.28468	10.377	11.11202	10.65625
antisense	-	0	2	0	0	0	0	0	0.181387	0	0
pseudogen	mitochond	0	1	1	0	0	0	0	0.201778	0.189851	0
antisense	-	0	0	0	8	9	24	0	0	0	1.536249
lincRNA	-	1	0	0	0	0	0	0.084639	0	0	0
protein_co	TEN1_telor	2	2	1	4	4	5	0.094346	0.120986	0.056917	0.292876
protein_co	-	6	11	13	15	16	25	0.047644	0.112011	0.124552	0.184877
pseudogen	-	0	0	2	19	20	3	0	0	0.119232	1.45713
antisense	-	5	8	6	3	6	6	0.384344	0.788587	0.55648	0.357933
pseudogen	-	1	0	6	1	2	4	0.072473	0	0.524657	0.112488
pseudogen	-	2	0	0	0	2	0	0.243585	0	0	0

pseudogen	glutaminyl	2	2	0	0	2	2	0.071261	0.091383	0	0
antisense	-	12	6	11	4	8	10	0.987158	0.632945	1.091808	0.510735
protein_co	Uncharacte	0	0	0	0	0	1	0	0	0	0
antisense	-	0	0	0	1	3	1	0	0	0	0.113541
lincRNA	-	0	0	0	0	1	1	0	0	0	0
antisense	-	1	0	0	0	0	0	0.084183	0	0	0
antisense	-	0	1	1	0	0	2	0	0.031798	0.029918	0
pseudogen	high_mobi	4	2	1	0	0	0	0.578889	0.371172	0.174616	0
pseudogen	-	0	0	0	1	1	1	0	0	0	0.060904
pseudogen	HIG1_hypo	0	0	0	0	1	0	0	0	0	0
antisense	-	5	2	3	2	2	1	0.261371	0.134069	0.189216	0.162274
lincRNA	-	1	0	0	0	0	0	0.078675	0	0	0
pseudogen	-	1	0	3	0	0	0	0.060738	0	0.219853	0
antisense	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	1	0	0	2	0	0	0.047874	0	0
antisense	-	0	1	0	2	0	0	0	0.12002	0	0.290538
antisense	-	2	1	0	1	0	1	0.210269	0.13482	0	0.163183
pseudogen	-	3	0	1	1	7	1	0.578889	0	0.232821	0.299505
antisense	-	2	2	3	3	3	3	0.1406	0.180299	0.254463	0.327345
lincRNA	-	0	0	0	2	1	1	0	0	0	0.411185
protein_co	Uncharacte	0	0	1	29	41	27	0	0	0.100134	3.7356
antisense	-	73	60	54	40	49	44	2.686791	2.831859	2.39802	2.28508
antisense	BCDIN3D_a	11	5	4	5	7	5	0.167573	0.097677	0.073522	0.118226
sense_intrc	-	2	3	0	0	0	0	0.209799	0.403556	0	0
pseudogen	-	0	0	0	11	5	4	0	0	0	1.179054
pseudogen	-	0	0	0	2	0	0	0	0	0	1.003859
processed_	-	1	0	1	0	0	0	0.062687	0	0.075636	0
lincRNA	-	0	0	1	0	0	0	0	0	0.066874	0
protein_co	olfactory_r	0	0	0	0	1	0	0	0	0	0
processed_	-	0	0	0	0	0	2	0	0	0	0
processed_	-	4	2	0	0	0	0	0.343517	0.220256	0	0
processed_	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	2	0	0	0	0	0	0.166104	0	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.285411
pseudogen	-	2	0	0	0	2	1	0.411316	0	0	0
processed_	-	7	5	1	2	0	2	0.523493	0.479504	0.090232	0.232152
antisense	-	4	1	1	3	3	7	0.386722	0.123979	0.116651	0.450184
antisense	-	11	8	4	4	9	13	0.765267	0.713707	0.33576	0.431928
processed_	-	0	0	3	12	11	0	0	0	0.231867	1.193111
pseudogen	HIG1_hypo	1	0	0	1	1	0	0.168065	0	0	0.26086
pseudogen	-	0	0	0	0	0	2	0	0	0	0
processed_	-	2	0	0	0	4	0	0.216083	0	0	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
pseudogen	makorin_ri	1	1	0	0	0	0	0.032316	0.04144	0	0
protein_co	Uncharacte	16	10	9	3	3	0	0.443143	0.355167	0.300756	0.128966
processed_	-	0	0	0	1	1	0	0	0	0	0.127015
pseudogen	-	6	1	1	4	5	3	0.377638	0.080711	0.07594	0.390764
lincRNA	-	0	0	0	0	0	2	0	0	0	0
processed_	-	8	10	13	4	8	7	0.223286	0.357915	0.437787	0.173285
processed_	-	0	1	0	0	0	1	0	0.106613	0	0
pseudogen	-	3	0	0	0	0	1	0.277456	0	0	0
pseudogen	-	1	1	0	0	1	1	0.15224	0.195227	0	0
antisense	-	0	0	1	2	0	1	0	0	0.029133	0.074953
lincRNA	long_interg	0	0	0	0	1	2	0	0	0	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	2	2	0	0	0	0	0.073901	0.094767	0	0
antisense	-	1	1	4	2	3	1	0.095112	0.121967	0.45903	0.295253
lincRNA	-	10	6	7	0	0	0	0.705113	0.542524	0.595532	0
processed_	-	3	1	3	0	0	0	0.267943	0.114533	0.323289	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	0	0	0	6	0	0	0	0
lincRNA	-	1	3	8	1	0	0	0.08169	0.314267	0.788509	0.126794
sense_over	-	3	3	5	5	20	4	0.349057	0.447616	0.701929	0.902975
lincRNA	-	0	0	0	0	2	0	0	0	0	0

pseudogen	-	0	0	0	1	0	0	0	0	0	0.131609
processed_	-	0	2	3	1	2	5	0	0.127124	0.179415	0.076934
pseudogen	-	0	2	0	0	0	0	0	0.07891	0	0
processed_	-	1	0	0	0	0	0	0.098716	0	0	0
protein_co	C-type_lect	0	0	0	1	0	0	0	0	0	0.020729
pseudogen	-	1	5	2	3	1	1	0.082553	0.529312	0.19921	0.3844
protein_co	Protein_LO	1	0	0	0	0	0	0.032405	0	0	0
lincRNA	-	0	0	0	2	2	2	0	0	0	0.246711
pseudogen	-	2	0	0	0	0	0	0.309505	0	0	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.149753
protein_co	Uncharacte	0	0	0	0	1	0	0	0	0	0
antisense	-	0	0	1	0	0	1	0	0	0.104383	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	1	0	0	0	0	0	0.12372	0	0	0
pseudogen	-	1	1	0	1	0	0	0.31898	0.409046	0	0.495101
antisense	-	2	1	0	2	3	3	0.059093	0.037889	0	0.09172
pseudogen	polymerase	2	1	0	4	0	3	0.558214	0.357915	0	1.732852
lincRNA	-	2	0	4	6	5	5	0.08906	0	0.214912	0.4147
protein_co	churchill_d	479	410	408	178	210	208	6.643099	7.291694	6.827213	3.831649
processed_	-	0	0	0	0	0	1	0	0	0	0
antisense	-	89	78	79	92	126	83	1.784186	2.005183	1.910844	2.862651
pseudogen	-	0	0	1	0	0	0	0	0	0.147332	0
lincRNA	-	27	21	21	63	71	48	0.754938	0.752967	0.708459	2.734125
3prime_ov	-	7	6	8	1	5	1	0.384344	0.422458	0.529981	0.085222
processed_	-	0	2	0	0	2	3	0	0.154377	0	0
lincRNA	-	0	0	0	1	3	0	0	0	0	0.070387
protein_co	Uncharacte	7	5	7	1	4	1	0.097052	0.088897	0.117099	0.02152
protein_co	chromosor	7	7	4	2	6	7	0.14009	0.179645	0.096586	0.062125
pseudogen	-	0	0	0	1	1	2	0	0	0	0.064636
antisense	-	2	8	10	3	6	6	0.106327	0.545395	0.641446	0.24755
processed_	-	1	2	0	3	2	1	0.078675	0.201778	0	0.366341
antisense	-	1	0	3	1	2	2	0.106811	0	0.386621	0.165785
lincRNA	-	1	1	2	0	0	1	0.056089	0.071926	0.135348	0
antisense	-	1	1	4	3	5	5	0.011255	0.014433	0.054321	0.05241
sense_intrc	-	1	1	0	0	2	0	0.095112	0.121967	0	0
processed_	-	0	0	0	1	2	1	0	0	0	0.155845
sense_over	-	5	3	5	8	14	8	0.413492	0.318147	0.498902	1.026876
antisense	-	1	1	0	0	0	0	0.099766	0.127936	0	0
processed_	-	2	1	2	0	0	1	0.1563	0.100216	0.188585	0
pseudogen	-	0	2	0	0	3	1	0	0.297672	0	0
lincRNA	microRNA_	2	0	0	0	2	0	0.064277	0	0	0
processed_	-	6	3	6	1	7	1	0.901731	0.578171	1.08799	0.233269
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	PEST_conta	2	0	2	1	5	7	0.183523	0	0.221431	0.142426
protein_co	Uncharacte	3	11	7	1	1	3	0.176721	0.830939	0.497523	0.091432
protein_co	regulator_c	8	8	8	9	6	5	0.074577	0.095634	0.089981	0.130222
antisense	-	0	0	0	10	15	3	0	0	0	0.432441
antisense	-	0	1	1	1	0	4	0	0.137912	0.12976	0.166926
processed_	-	0	0	0	3	2	1	0	0	0	0.640292
processed_	-	3	0	2	2	0	4	0.313296	0	0.252007	0.324186
antisense	-	0	2	2	6	6	7	0	0.064725	0.060899	0.235026
pseudogen	-	1	0	0	0	1	0	0.019147	0	0	0
protein_co	Epidermal_	8	8	6	10	4	5	0.08972	0.115053	0.081189	0.174073
lincRNA	-	1	0	0	0	0	0	0.087809	0	0	0
lincRNA	-	0	1	2	0	1	0	0	0.115634	0.217598	0
protein_co	zinc_finger	0	0	0	29	68	24	0	0	0	0.401639
lincRNA	-	1	0	0	0	0	0	0.081976	0	0	0
sense_intrc	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	0	2	3	0	0	0	0	0.262743
processed_	-	0	0	2	0	0	0	0	0	0.153321	0
pseudogen	-	1	0	0	0	0	0	0.087156	0	0	0
protein_co	Otoconin-9	0	0	0	45	71	76	0	0	0	1.357269
processed_	-	0	0	0	1	3	0	0	0	0	0.126354
processed_	-	19	16	33	3	10	5	2.969701	3.206922	6.223306	0.727798
lincRNA	-	5	1	0	0	0	0	0.452606	0.116081	0	0

pseudogen	-	4	3	5	7	3	6	0.357257	0.343599	0.538814	0.970397
antisense	-	0	3	1	1	4	1	0	0.428478	0.134384	0.172874
protein_co	peptide_de	174	113	115	151	295	439	7.04565	5.867588	5.618466	9.490285
lincRNA	-	3	2	1	12	6	14	0.196741	0.168195	0.079127	1.221479
processed_	-	4	0	0	1	1	0	0.347978	0	0	0.135027
pseudogen	-	5	0	2	3	1	3	0.432565	0	0.208766	0.40284
processed_	long_interg	1013	890	940	191	257	396	8.755684	9.864612	9.802945	2.562386
3prime_ov	-	0	1	0	4	1	0	0	0.131002	0	0.634247
processed_	-	0	0	3	0	6	0	0	0	0.181138	0
pseudogen	-	3	1	4	0	1	0	0.227621	0.097297	0.366184	0
pseudogen	-	0	0	0	1	0	1	0	0	0	0.240197
pseudogen	-	6	0	0	1	1	4	0.550568	0	0	0.142426
sense_intrc	-	2	2	4	16	10	11	0.233865	0.299899	0.564344	2.903932
lincRNA	-	2	0	0	0	2	0	0.102492	0	0	0
processed_	-	1	1	1	4	5	3	0.090173	0.115634	0.108799	0.559845
antisense	-	1	0	0	0	0	1	0.129174	0	0	0
antisense	-	10	12	11	2	12	8	0.459256	0.706717	0.60953	0.142566
processed_	-	1	1	4	3	13	3	0.070831	0.090831	0.341846	0.329818
processed_	-	0	0	0	0	3	0	0	0	0	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.420692
protein_co	DDB1-_and	0	0	0	0	1	3	0	0	0	0
protein_co	-	2	5	3	4	0	6	0.13997	0.44873	0.253323	0.434506
pseudogen	charged_m	1	1	1	4	1	3	0.079745	0.102262	0.096217	0.495101
antisense	-	1	0	0	2	0	2	0.033541	0	0	0.10412
protein_co	Uncharacte	94	74	94	192	271	170	1.222992	1.23463	1.47561	3.877281
protein_co	Uncharacte	2	0	0	0	0	0	0.170509	0	0	0
pseudogen	peptidylpr	2	3	1	1	2	2	0.187936	0.361502	0.113378	0.145851
lincRNA	long_interg	1	0	1	5	4	0	0.066229	0	0.079909	0.513982
lincRNA	-	0	0	0	0	0	1	0	0	0	0
protein_co	sperm_equ	0	3	4	0	0	1	0	0.126058	0.158143	0
pseudogen	-	3	2	1	2	3	3	0.15357	0.131288	0.061764	0.158908
antisense	RNA_7SL_c	2764	1541	1609	29574	71703	21719	432.0134	308.8667	303.4333	7174.633
pseudogen	-	0	1	2	0	4	0	0	0.081809	0.153947	0
pseudogen	ZFP64_zinc	0	0	0	2	0	0	0	0	0	0.124516
lincRNA	DIO3_oppc	5	1	2	1	0	2	0.075434	0.019347	0.036406	0.023417
pseudogen	-	2	0	1	0	0	0	0.290341	0	0.175156	0
pseudogen	-	0	0	1	0	0	0	0	0	0.19049	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	3	1	1	0	2	0	0.284757	0.12172	0.114525	0
protein_co	Uncharacte	0	0	2	0	0	0	0	0	0.177075	0
pseudogen	-	3	0	0	0	0	0	0.598596	0	0	0
antisense	-	7	9	10	4	7	5	0.686674	1.132151	1.183588	0.609036
lincRNA	-	2	2	1	0	3	1	0.162249	0.208062	0.097881	0
antisense	-	1	8	3	8	4	5	0.084946	0.871446	0.307476	1.05478
pseudogen	5'3'-nucleo	1	3	3	0	0	3	0.092122	0.3544	0.333451	0
antisense	-	15	1	4	3	1	1	0.353265	0.030201	0.113662	0.109663
lincRNA	-	1	0	0	3	4	2	0.054714	0	0	0.254772
pseudogen	ankyrin_re	4	1	8	3	1	7	0.23652	0.075826	0.570749	0.275333
pseudogen	barrier_to_	8	0	0	0	0	0	1.426312	0	0	0
lincRNA	-	0	0	0	11	16	6	0	0	0	1.375563
pseudogen	-	3	2	5	0	0	3	0.432831	0.37003	0.870392	0
lincRNA	FRMD6_an	0	1	0	0	0	0	0	0.103494	0	0
protein_co	-	1	2	1	0	10	2	0.013703	0.035143	0.016533	0
processed_	-	2	0	0	23	20	17	0.044615	0	0	0.796354
lincRNA	-	0	0	1	0	0	0	0	0	0.026437	0
pseudogen	-	0	0	0	2	0	0	0	0	0	0.251833
antisense	-	1	0	0	0	0	0	0.093406	0	0	0
protein_co	Uncharacte	0	0	1	0	0	0	0	0	0.009119	0
processed_	-	3	5	1	8	8	10	0.102904	0.219933	0.041387	0.425924
antisense	-	2	0	1	2	1	0	0.171131	0	0.10324	0.26562
lincRNA	-	1	0	1	1	5	3	0.038881	0	0.046912	0.060348
pseudogen	-	12	12	3	1	3	3	0.497947	0.638547	0.1502	0.064407
pseudogen	-	0	0	1	0	1	0	0	0	0.093668	0
pseudogen	ras_homol	11	8	8	17	22	14	0.890829	0.830809	0.7817	2.136885
lincRNA	-	10	10	9	0	0	1	0.868334	1.113515	0.942925	0

pseudogen	pituitary_t	2	1	1	1	0	2	0.266421	0.170823	0.160726	0.206761
protein_co	Uncharacte	1	3	1	0	0	0	0.047221	0.181661	0.056974	0
pseudogen	small_nucl	0	0	1	0	0	0	0	0	0.254845	0
pseudogen	-	0	1	1	2	1	0	0	0.205221	0.19309	0.49679
lincRNA	-	1	0	0	0	0	0	0.059657	0	0	0
lincRNA	-	1	0	0	0	0	0	0.03994	0	0	0
pseudogen	neurobeacl	2	3	1	0	0	0	0.030889	0.059417	0.018635	0
pseudogen	-	4	0	0	0	0	0	0.512459	0	0	0
lincRNA	-	0	0	0	12	13	7	0	0	0	0.7861
lincRNA	-	0	0	0	5	3	6	0	0	0	0.348229
pseudogen	-	0	1	1	0	0	1	0	0.104031	0.097881	0
processed_	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	5	3	5	0	2	0	0.403529	0.310481	0.48688	0
antisense	-	1	0	1	3	5	2	0.075507	0	0.091104	0.351593
lincRNA	-	1	0	0	4	1	2	0.098096	0	0	0.609036
pseudogen	-	0	0	0	1	0	1	0	0	0	0.269555
pseudogen	DnaJ_(Hsp4	0	0	0	0	1	1	0	0	0	0
lincRNA	long_interg	0	0	0	21	45	72	0	0	0	0.592394
pseudogen	-	3	1	5	6	6	8	0.137777	0.058893	0.277059	0.427697
processed_	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	1	2	0	0	0	0	0.402098
lincRNA	-	1	0	0	0	0	0	0.052745	0	0	0
sense_intrc	-	1	0	1	0	3	1	0.106327	0	0.128289	0
antisense	-	5	5	3	19	10	3	0.508569	0.652167	0.36817	2.999601
pseudogen	-	2	2	0	0	0	0	0.333737	0.42797	0	0
pseudogen	cytochrom	0	0	1	1	2	3	0	0	0.179605	0.231047
pseudogen	-	2	0	0	0	0	0	0.037333	0	0	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.042786
lincRNA	-	0	2	0	0	0	0	0	0.26315	0	0
antisense	-	0	0	0	0	2	0	0	0	0	0
antisense	-	168	126	147	279	380	168	1.868483	1.797048	1.972628	4.81631
lincRNA	-	60	28	49	20	26	32	5.308304	3.176668	5.230566	2.746408
antisense	-	0	0	0	0	0	2	0	0	0	0
pseudogen	ribosomal_	2	1	0	0	0	1	0.198687	0.127394	0	0
protein_co	BCL2L2-PA	9	3	4	0	1	0	0.308939	0.132057	0.165668	0
pseudogen	-	1	0	1	0	3	0	0.153235	0	0.184887	0
antisense	-	1	1	2	1	7	4	0.09589	0.122965	0.231393	0.148834
pseudogen	ubiquitin-c	4	4	9	3	2	1	0.338556	0.43415	0.919097	0.394114
lincRNA	-	1	1	1	326	340	340	0.088305	0.113239	0.106545	44.68214
pseudogen	-	0	0	0	0	0	2	0	0	0	0
pseudogen	-	0	0	0	1	1	0	0	0	0	0.135783
protein_co	Uncharacte	1	0	0	0	2	0	0.01269	0	0	0
lincRNA	-	13	16	14	7	11	0	0.672815	1.061895	0.874235	0.562316
antisense	ARHGAP5_	11	11	3	3	15	8	0.37512	0.481038	0.123437	0.158792
antisense	-	0	2	1	2	1	1	0	0.301402	0.141793	0.364811
protein_co	tripartite_r	0	0	1	1	0	1	0	0	0.022694	0.029194
antisense	-	76	58	45	17	41	30	5.14234	5.032508	3.673734	1.785363
pseudogen	-	0	0	0	1	2	0	0	0	0	0.22189
lincRNA	HIF1A_anti	8	4	8	1	4	11	0.70379	0.451256	0.849163	0.136547
pseudogen	-	1	0	0	0	0	0	0.20476	0	0	0
antisense	-	0	0	2	24	9	22	0	0	0.130358	2.012345
lincRNA	-	0	0	0	1	0	0	0	0	0	0.147626
antisense	-	0	0	1	0	1	0	0	0	0.097712	0
lincRNA	-	0	0	0	1	1	0	0	0	0	0.114254
processed_	-	0	0	0	1	2	2	0	0	0	0.036757
pseudogen	-	0	0	0	0	0	1	0	0	0	0
processed_	-	34	19	34	28	19	30	2.767814	1.983448	3.339526	3.537907
pseudogen	-	1	1	0	0	0	1	0.040881	0.052424	0	0
processed_	-	11	18	10	10	24	7	0.105912	0.222246	0.116171	0.149445
antisense	-	0	3	0	0	0	0	0	0.342946	0	0
pseudogen	sal-like_4_(	4	0	2	0	2	1	0.060115	0	0.036266	0
lincRNA	-	0	0	0	0	3	0	0	0	0	0
lincRNA	-	2	0	0	0	0	0	0.268711	0	0	0
antisense	-	0	0	0	0	2	0	0	0	0	0
antisense	-	8	8	3	0	10	4	1.03055	1.321534	0.466282	0

processed_	-	0	0	1	0	0	1	0	0	0.288651	0
processed_	-	0	0	0	0	2	4	0	0	0	0
lincRNA	long_interg	3	1	0	0	0	0	0.162437	0.069434	0	0
lincRNA	long_interg	6	4	8	14	20	10	0.111732	0.09552	0.179747	0.404653
lincRNA	-	0	0	0	17	13	1	0	0	0	0.408336
processed_	-	13	14	11	17	23	12	1.010896	1.396048	1.032057	2.051835
protein_co	HCG18042	6	2	1	5	19	11	0.146227	0.062505	0.029405	0.189137
processed_	cancer/test	0	0	0	0	0	2	0	0	0	0
lincRNA	-	0	0	1	0	0	0	0	0	0.012002	0
lincRNA	-	1	3	0	0	0	0	0.064945	0.249847	0	0
antisense	-	0	0	0	1	0	0	0	0	0	0.138628
antisense	-	3	14	9	7	9	8	0.092243	0.552011	0.333888	0.334071
antisense	-	2	3	0	2	3	1	0.028918	0.055624	0	0.044884
antisense	ITPK1_anti	1	1	0	15	11	9	0.009974	0.012791	0	0.232227
antisense	-	0	0	0	0	0	2	0	0	0	0
pseudogen	-	15	23	22	20	15	3	1.860715	3.658691	3.292754	3.850783
lincRNA	-	2	1	0	4	5	7	0.127419	0.081698	0	0.395542
pseudogen	-	0	0	0	0	0	1	0	0	0	0
protein_co	long_interg	0	0	0	2	1	0	0	0	0	0.070797
lincRNA	-	0	0	1	0	0	0	0	0	0.112476	0
antisense	-	13	9	4	25	25	14	0.287941	0.25563	0.106898	0.859469
pseudogen	enolase_1_	3	4	1	2	3	0	0.144425	0.24694	0.058086	0.149445
pseudogen	-	1	1	0	1	0	1	0.125711	0.161206	0	0.19512
lincRNA	-	3	6	1	11	14	5	0.178289	0.457261	0.071705	1.014674
protein_co	Uncharacte	2	1	3	2	1	1	0.134355	0.086146	0.243161	0.208538
antisense	-	0	1	0	1	3	1	0	0.112392	0	0.136037
antisense	-	0	0	0	7	7	6	0	0	0	1.102724
processed_	-	0	1	2	9	12	13	0	0.10005	0.188271	1.089881
lincRNA	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	3	4	3	0	1	0	0.040422	0.069115	0.048772	0
pseudogen	-	3	2	0	0	1	2	0.232129	0.198448	0	0
pseudogen	-	1	0	0	0	1	0	0.183882	0	0	0
antisense	DIO2_antis	0	1	1	0	0	2	0	0.037652	0.035426	0
lincRNA	-	23	12	9	13	41	14	0.281659	0.188445	0.13298	0.247098
pseudogen	RAP1A_me	1	5	0	3	2	0	0.103969	0.666627	0	0.484123
lincRNA	-	0	0	1	0	0	0	0	0	0.126003	0
lincRNA	-	4	4	8	0	0	0	0.32733	0.419754	0.789885	0
pseudogen	Nanog_hon	0	0	0	1	0	0	0	0	0	0.079281
lincRNA	HIF1A_anti	1	0	0	3	0	1	0.071917	0	0	0.334876
lincRNA	-	0	0	1	0	0	0	0	0	0.022239	0
pseudogen	-	10	7	1	0	0	0	0.410955	0.368894	0.049584	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
processed_	-	2	5	7	8	10	9	0.130613	0.418731	0.551572	0.810917
protein_co	KIAA0391	7	6	0	5	6	4	0.0851	0.093539	0	0.094348
processed_	long_interg	0	1	0	0	0	0	0	0.068097	0	0
protein_co	Protein_LO	15	13	11	0	5	1	1.007665	1.119896	0.891591	0
antisense	-	1	0	0	0	0	0	0.063537	0	0	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.057716
pseudogen	-	0	0	0	1	1	0	0	0	0	0.149445
processed_	-	1	0	0	8	8	7	0.154753	0	0	1.921579
pseudogen	-	0	0	1	0	0	0	0	0	0.358073	0
polymorph	olfactory_r	0	1	0	3	0	2	0	0.063968	0	0.232276
lincRNA	-	1	0	0	0	0	0	0.056768	0	0	0
processed_	-	0	1	0	0	0	0	0	0.105122	0	0
lincRNA	-	3	1	2	2	2	3	0.245927	0.105122	0.197816	0.254475
antisense	-	0	1	0	0	0	0	0	0.204523	0	0
lincRNA	-	1	0	1	7	12	1	0.01441	0	0.017386	0.156564
lincRNA	-	3	0	0	1	1	6	0.284757	0	0	0.147328
lincRNA	-	5	1	3	12	8	7	0.451734	0.115857	0.327026	1.68277
lincRNA	-	0	0	0	8	10	3	0	0	0	0.320439
antisense	-	0	0	0	0	1	0	0	0	0	0
antisense	-	4	3	2	0	1	1	0.455243	0.437838	0.274638	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.094889
antisense	-	7	3	7	1	3	6	0.596782	0.327981	0.720052	0.132327
sense_intrc	-	0	0	0	0	1	1	0	0	0	0

antisense	-	0	0	0	0	1	0	0	0	0	0
protein_co	melanocor	65	60	66	8	24	20	0.838012	0.991968	1.026666	0.160088
antisense	-	0	0	2	0	0	0	0	0	0.288651	0
pseudogen	eukaryotic_	2	1	0	0	0	0	0.068855	0.044148	0	0
protein_co	Uncharacte	0	0	1	0	2	1	0	0	0.07319	0
antisense	-	0	1	1	1	0	2	0	0.108734	0.102307	0.131609
lincRNA	-	1	0	0	0	0	0	0.224354	0	0	0
antisense	-	0	0	0	1	0	0	0	0	0	0.155845
pseudogen	-	0	1	0	0	0	0	0	0.045484	0	0
lincRNA	-	4	2	0	8	3	1	0.374371	0.240039	0	1.162153
antisense	-	4	4	1	1	2	3	0.261955	0.335921	0.079016	0.101648
lincRNA	-	0	0	1	0	0	0	0	0	0.103999	0
lincRNA	-	0	0	2	0	0	0	0	0	0.135836	0
pseudogen	eukaryotic_	6	3	3	3	1	0	0.825044	0.529001	0.497732	0.640292
lincRNA	-	0	0	3	0	0	0	0	0	0.259521	0
pseudogen	-	1	0	0	0	1	0	0.046288	0	0	0
protein_co	HCG18161	10	10	4	0	0	1	0.767431	0.984121	0.37038	0
lincRNA	-	0	0	0	1	3	0	0	0	0	0.109608
lincRNA	-	1	1	1	0	0	0	0.122109	0.156588	0.147332	0
antisense	-	0	0	0	1	0	0	0	0	0	0.139961
protein_co	centrosom	392	290	336	441	551	561	5.048307	4.789245	5.22092	8.815131
antisense	-	8	2	4	4	3	4	0.105727	0.033895	0.063783	0.082052
pseudogen	-	0	1	0	0	0	0	0	0.115634	0	0
pseudogen	-	6	3	0	2	3	1	0.806132	0.516875	0	0.417076
pseudogen	heterogene	12	5	9	8	1	13	0.734569	0.392492	0.664725	0.760102
lincRNA	-	3	1	3	0	0	0	0.252097	0.107759	0.304169	0
lincRNA	-	2	0	0	7	0	8	0.127246	0	0	0.69126
sense_intrc	-	11	17	10	13	15	19	0.967711	1.917836	1.061454	1.775117
lincRNA	-	4	2	1	1	1	0	0.269871	0.173035	0.081404	0.104719
lincRNA	-	0	0	0	1	5	2	0	0	0	0.573069
pseudogen	zinc_finger_	4	5	1	3	1	6	0.238323	0.382019	0.071888	0.277433
lincRNA	-	0	0	0	1	0	0	0	0	0	0.20735
lincRNA	-	1	0	0	0	0	0	0.086994	0	0	0
antisense	FOXN3_ant	19	13	9	13	45	31	0.827215	0.725801	0.472776	0.878493
processed_	-	2	1	2	1	2	5	0.202112	0.12959	0.24386	0.156853
antisense	-	0	0	0	1	2	0	0	0	0	0.122732
lincRNA	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	7	5	9	2	1	1	0.142647	0.13066	0.221286	0.063259
pseudogen	-	0	0	0	5	0	2	0	0	0	0.53991
lincRNA	-	2	5	3	1	0	0	0.167764	0.537834	0.303625	0.130196
antisense	-	5	4	3	1	1	0	0.081775	0.083892	0.0592	0.025385
antisense	-	3	2	2	1	1	0	0.10351	0.088491	0.08326	0.053554
processed_	-	1	0	0	2	3	1	0.057675	0	0	0.17904
lincRNA	-	16	13	15	0	0	0	0.852546	0.888281	0.964355	0
antisense	-	1	0	0	4	2	3	0.060348	0	0	0.374671
lincRNA	-	0	0	2	0	0	0	0	0	0.045996	0
protein_co	Tubulin_be	119	83	84	17	31	58	1.501995	1.343411	1.279231	0.333044
antisense	-	0	3	3	7	3	2	0	0.501082	0.471463	1.415163
pseudogen	-	4	4	5	6	2	4	0.153864	0.197309	0.232057	0.358227
antisense	-	44	36	18	1	2	0	3.606924	3.784393	1.780348	0.127237
pseudogen	-	0	1	0	0	1	0	0	0.020198	0	0
lincRNA	long_interg	0	0	0	1	0	0	0	0	0	0.106715
lincRNA	-	0	0	5	3	1	3	0	0	0.154916	0.119573
antisense	-	8	16	12	4	1	2	0.662756	1.699782	1.199481	0.514345
pseudogen	-	0	1	4	1	0	1	0	0.226052	0.850759	0.273608
pseudogen	-	1	0	1	1	2	0	0.13359	0	0.161184	0.20735
lincRNA	-	1	0	0	0	0	0	0.182451	0	0	0
antisense	-	0	1	0	0	0	0	0	0.158236	0	0
pseudogen	NADH_deh	0	0	0	0	1	0	0	0	0	0
lincRNA	-	7	10	8	0	0	0	0.492099	0.901496	0.678567	0
pseudogen	hypoxia_in	0	0	1	2	0	0	0	0	0.323289	0.831769
lincRNA	-	0	0	0	0	0	2	0	0	0	0
pseudogen	eukaryotic_	0	0	0	1	0	0	0	0	0	0.176222
antisense	-	3	1	6	1	6	5	0.424985	0.181661	1.025538	0.219879
processed_	-	4	2	4	1	1	1	0.38122	0.24443	0.459963	0.147926

protein_co	Ubiquitin-c	4	1	0	0	0	1	0.064631	0.02072	0	0
antisense	-	17	23	23	28	38	12	2.177952	3.778648	3.555291	5.567854
protein_co	transmemb	1	0	0	23	32	16	0.018681	0	0	0.666907
pseudogen	-	1	0	0	1	0	0	0.189838	0	0	0.294655
pseudogen	neurofibro	0	0	0	2	1	0	0	0	0	0.058108
lincRNA	-	7	7	14	2	3	1	0.113027	0.144941	0.272747	0.050124
antisense	-	1	0	3	3	1	0	0.07802	0	0.282407	0.363294
pseudogen	-	0	1	0	0	0	0	0	0.010137	0	0
antisense	-	17	12	14	13	9	27	1.249421	1.130968	1.241469	1.482974
lincRNA	-	19	8	18	0	0	0	0.944762	0.510115	1.079914	0
lincRNA	-	1	1	5	5	4	1	0.07961	0.102088	0.480267	0.617825
processed_	-	3	1	1	0	0	0	0.142812	0.061045	0.057437	0
pseudogen	-	1	0	0	0	1	0	0.033445	0	0	0
pseudogen	-	1	2	2	1	0	2	0.197017	0.505292	0.475424	0.305797
pseudogen	-	3	2	6	4	6	2	0.486748	0.416123	1.174578	1.007333
processed_	-	3	2	3	0	0	0	0.279107	0.23861	0.336759	0
pseudogen	-	0	1	0	0	0	0	0	0.186738	0	0
lincRNA	long_interg	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	1	0	0	0	0	0	0.075434	0
protein_co	FPGT-TNNI3	4	8	9	3	5	1	0.02479	0.063579	0.067298	0.028858
lincRNA	-	3	0	1	0	1	0	0.254376	0	0.102307	0
pseudogen	endosulfine	4	1	1	7	2	3	0.532841	0.170823	0.160726	1.447326
lincRNA	-	0	0	0	0	0	3	0	0	0	0
antisense	-	0	0	2	0	2	0	0	0	0.197816	0
antisense	-	0	0	1	0	1	0	0	0	0.20278	0
antisense	-	0	1	3	0	2	0	0	0.084929	0.239727	0
antisense	-	22	8	8	76	61	107	1.314115	0.612788	0.576566	7.046197
pseudogen	cysteine_ar	4	4	2	0	0	0	0.172073	0.22066	0.103808	0
pseudogen	-	0	0	0	0	1	1	0	0	0	0
lincRNA	-	0	0	0	1	0	1	0	0	0	0.09627
pseudogen	phosphatid	0	0	0	1	0	0	0	0	0	0.142705
lincRNA	-	0	0	1	0	0	0	0	0	0.137319	0
antisense	ACTN1_ant	0	1	2	1	2	2	0	0.100384	0.1889	0.121502
pseudogen	-	0	0	0	2	1	1	0	0	0	0.425613
antisense	-	11	11	7	7	13	2	0.900157	1.154324	0.691149	0.889108
protein_co	Uncharacte	0	0	3	3	2	0	0	0	0.297766	0.383052
lincRNA	long_interg	0	1	1	2	2	4	0	0.01338	0.012589	0.03239
lincRNA	-	7	10	9	8	11	19	0.735942	1.348202	1.141658	1.305467
lincRNA	-	3	1	3	0	0	0	0.134741	0.057596	0.162573	0
processed_	FOXN3_ant	0	0	0	2	2	4	0	0	0	0.11534
protein_co	POC1B-GAL	2	1	3	6	1	0	0.017252	0.011061	0.031223	0.080331
pseudogen	polypyrimi	0	2	1	0	1	0	0	0.075115	0.035338	0
pseudogen	-	0	2	0	1	1	0	0	0.302921	0	0.183324
antisense	-	40	28	31	1	2	0	2.50414	2.247843	2.341576	0.097169
lincRNA	-	2	1	1	1	10	7	0.176943	0.113452	0.106746	0.13732
pseudogen	-	1	1	2	1	3	2	0.1042	0.133622	0.251447	0.161733
processed_	-	0	0	0	2	0	0	0	0	0	0.384062
antisense	-	3	2	3	9	8	2	0.313996	0.268437	0.378854	1.462094
pseudogen	-	0	1	0	1	0	0	0	0.050276	0	0.060853
processed_	long_interg	3	7	5	0	0	0	0.040656	0.12165	0.081757	0
pseudogen	-	36	23	26	22	30	4	2.374178	1.945127	2.068865	2.251977
pseudogen	-	0	1	1	0	0	0	0	0.035391	0.033299	0
antisense	-	3	2	8	2	2	4	0.313996	0.268437	1.010277	0.32491
lincRNA	-	0	2	0	0	0	0	0	0.239561	0	0
antisense	-	4	7	4	4	6	3	0.336129	0.754316	0.405559	0.521719
antisense	-	5	8	12	6	4	10	0.294535	0.60432	0.852897	0.548591
protein_co	small_integ	4	1	1	5	14	10	0.195988	0.062832	0.059118	0.38025
pseudogen	-	6	3	5	0	0	0	1.399702	0.89746	1.407351	0
pseudogen	trans-golgi_	1	0	0	0	0	0	0.075997	0	0	0
lincRNA	-	1	0	2	2	1	0	0.074193	0	0.179036	0.230316
antisense	-	0	1	1	3	1	4	0	0.093224	0.087714	0.338511
lincRNA	-	1	1	0	0	0	0	0.178289	0.22863	0	0
lincRNA	long_interg	17	6	6	27	42	33	0.276302	0.125053	0.117661	0.681128
lincRNA	-	0	0	1	2	0	1	0	0	0.103052	0.265136
protein_co	Uncharacte	0	0	0	1	0	0	0	0	0	0.127684

lincRNA	-	0	0	1	0	0	0	0	0	0.021095	0
antisense	-	6	0	0	2	1	0	0.766594	0	0	0.39662
processed_	-	2	3	5	7	10	3	0.157879	0.303686	0.476225	0.857674
antisense	-	5	9	4	1	2	5	0.457018	1.054909	0.441135	0.141871
pseudogen	CAP_adeny	1	1	0	9	6	25	0.033734	0.043259	0	0.471236
lincRNA	-	6	2	8	113	144	55	0.447282	0.191192	0.719561	13.07491
pseudogen	-	6	5	6	7	3	5	0.535886	0.572665	0.646577	0.970397
lincRNA	ADAM_met	0	1	0	0	2	0	0	0.019819	0	0
pseudogen	-	0	1	0	0	1	0	0	0.337808	0	0
pseudogen	-	0	1	1	0	0	0	0	0.082483	0.077607	0
pseudogen	-	6	10	17	1	1	0	0.316112	0.675616	1.080656	0.081775
processed_	-	0	2	3	0	6	0	0	0.097219	0.137208	0
pseudogen	DEAD_(Asp	6	1	2	1	1	1	0.141235	0.030186	0.056803	0.036536
antisense	-	19	18	20	0	0	0	0.809918	0.983942	1.028646	0
pseudogen	-	0	0	0	0	1	1	0	0	0	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.151625
antisense	-	8	4	3	5	9	5	0.144834	0.092865	0.065531	0.140502
antisense	-	0	2	1	1	1	1	0	0.047722	0.022451	0.028881
processed_	-	0	0	0	1	0	0	0	0	0	0.031411
antisense	-	0	1	0	1	4	0	0	0.131288	0	0.158908
processed_	-	0	0	0	1	0	0	0	0	0	0.153869
lincRNA	-	4	2	2	10	2	3	0.290791	0.186449	0.175428	1.128369
antisense	-	0	1	0	0	0	0	0	0.04683	0	0
pseudogen	-	2	1	5	3	1	7	0.143176	0.091801	0.431874	0.333343
pseudogen	-	0	1	0	0	3	3	0	0.076991	0	0
sense_intrc	-	0	0	0	1	0	0	0	0	0	0.418275
pseudogen	-	2	2	3	4	1	2	0.538966	0.691147	0.97544	1.673099
sense_intrc	HMBOX1_i	0	0	1	2	0	0	0	0	0.163042	0.41948
lincRNA	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	1	2	2	6	1	1	0.05446	0.139674	0.131418	0.507176
antisense	-	0	3	1	0	1	1	0	0.353705	0.110932	0
protein_co	Uncharacte	1	1	0	0	1	4	0.099343	0.127394	0	0
lincRNA	-	0	0	0	199	216	241	0	0	0	25.32025
sense_intrc	-	0	0	0	0	3	0	0	0	0	0
pseudogen	protein_kir	1	2	1	1	3	3	0.041791	0.107183	0.050424	0.064866
protein_co	integrin_be	74	56	65	1	2	0	0.868551	0.842871	0.920503	0.018218
antisense	-	2	5	6	4	5	1	0.188313	0.603713	0.681633	0.584577
antisense	-	0	0	0	3	0	3	0	0	0	0.299505
antisense	-	6	5	10	1	2	0	0.593545	0.634281	1.193576	0.153544
lincRNA	-	2	0	2	0	0	2	0.239847	0	0.289389	0
pseudogen	-	0	0	0	1	2	0	0	0	0	0.14853
antisense	-	3	3	1	2	0	4	0.058784	0.075382	0.023642	0.060827
lincRNA	-	0	0	0	1	0	0	0	0	0	0.113188
protein_co	solute_carr	7	8	3	3	1	2	0.27467	0.402543	0.142031	0.182711
lincRNA	-	5	1	1	0	0	0	0.204403	0.052424	0.049325	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.18519
pseudogen	-	1	0	1	1	0	0	0.049254	0	0.059428	0.076449
lincRNA	-	4	0	0	14	33	15	0.117006	0	0	0.635631
pseudogen	-	4	2	3	0	1	3	0.631515	0.404914	0.57147	0
pseudogen	-	1	4	0	3	1	0	0.026079	0.13377	0	0.121435
antisense	-	4	0	1	0	1	0	0.466567	0	0.140735	0
lincRNA	-	0	0	0	2	4	3	0	0	0	0.259465
lincRNA	-	0	0	0	0	1	0	0	0	0	0
antisense	-	0	0	0	2	1	0	0	0	0	0.075498
processed_	-	0	0	1	0	0	0	0	0	0.114991	0
antisense	-	8	4	9	7	9	12	0.207593	0.133104	0.281782	0.281936
antisense	-	25	16	26	12	20	18	2.162824	1.775049	2.713954	1.611361
antisense	-	0	0	0	5	0	0	0	0	0	0.189432
sense_intrc	-	0	1	1	1	0	0	0	0.116531	0.109642	0.141046
lincRNA	-	0	1	0	0	0	0	0	0.148836	0	0
pseudogen	-	0	0	1	0	0	0	0	0	0.090521	0
pseudogen	-	1	0	3	1	1	1	0.175618	0	0.63568	0.272584
antisense	-	2	1	7	36	24	46	0.069777	0.044739	0.294664	1.949459
lincRNA	-	2	0	0	2	0	0	0.175618	0	0	0.272584
antisense	-	0	0	0	0	2	1	0	0	0	0

lincRNA	-	14	5	2	0	0	0	1.166004	0.534012	0.200979	0
antisense	-	0	1	1	0	2	0	0	0.105862	0.099605	0
antisense	-	2	0	0	1	1	0	0.124874	0	0	0.096911
lincRNA	-	1	1	2	0	0	0	0.06252	0.080173	0.150868	0
antisense	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	5	1	0	3	0	0	0.254837	0.065358	0	0.237325
antisense	-	23	15	20	5	12	17	2.412685	2.017778	2.531343	0.814092
protein_co	Uncharacte	0	0	0	1	0	0	0	0	0	0.026303
antisense	-	30	27	31	12	23	7	1.204367	1.389987	1.501576	0.747738
antisense	-	0	0	0	5	5	7	0	0	0	0.585047
pseudogen	-	7	7	4	4	5	8	0.042135	0.054032	0.02905	0.037371
antisense	-	0	0	0	1	0	2	0	0	0	0.188062
antisense	-	2	4	2	0	3	2	0.1406	0.360598	0.169642	0
pseudogen	-	0	1	0	1	2	0	0	0.041044	0	0.049679
protein_co	ZHX1-C8OF	1	2	0	0	3	0	0.037363	0.095824	0	0
pseudogen	-	3	2	0	0	1	0	0.348193	0.297672	0	0
antisense	-	2	1	7	2	2	0	0.116208	0.07451	0.490742	0.180371
pseudogen	-	5	4	4	11	14	4	0.141065	0.144717	0.136162	0.481695
processed_	-	7	2	16	0	1	3	0.195027	0.071455	0.537854	0
pseudogen	-	1	0	0	0	0	0	0.127419	0	0	0
pseudogen	-	17	13	9	3	11	9	2.711328	2.658801	1.731903	0.742651
antisense	-	13	5	4	7	6	8	0.150177	0.07407	0.055753	0.125513
lincRNA	-	0	0	0	2	4	1	0	0	0	0.194859
antisense	-	0	0	6	0	1	4	0	0	0.75602	0
antisense	-	1	0	1	3	3	4	0.022024	0	0.026574	0.102555
lincRNA	-	0	2	1	0	2	1	0	0.137597	0.064732	0
pseudogen	-	16	13	7	19	48	17	0.646759	0.673868	0.341404	1.192083
antisense	-	120	109	99	155	228	185	9.472731	11.03392	9.429251	18.99136
pseudogen	-	2	0	0	2	7	1	0.053043	0	0	0.08233
processed_	-	0	0	0	1	0	0	0	0	0	0.054232
pseudogen	-	0	0	1	0	0	0	0	0	0.142508	0
lincRNA	-	3	8	6	0	0	0	0.356127	1.217819	0.859375	0
antisense	-	0	0	1	0	0	0	0	0	0.077607	0
antisense	-	3	5	6	3	1	4	0.182926	0.390961	0.441421	0.283926
pseudogen	-	2	0	6	7	6	2	0.154243	0	0.558311	0.837925
processed_	-	8	8	19	7	28	12	0.272221	0.349084	0.780069	0.369709
lincRNA	-	1	0	0	0	0	1	0.063279	0	0	0
lincRNA	-	2	0	1	0	0	0	0.167166	0	0.100848	0
antisense	-	4	4	3	8	7	4	0.336733	0.431812	0.304715	1.045311
antisense	-	0	0	2	0	0	1	0	0	0.105551	0
antisense	-	0	0	0	3	3	1	0	0	0	0.485199
antisense	-	1	0	1	0	0	0	0.019546	0	0.023583	0
antisense	-	0	0	0	1	0	1	0	0	0	0.040865
pseudogen	-	0	0	0	2	1	0	0	0	0	0.059195
lincRNA	-	6	2	3	0	0	0	0.440282	0.1882	0.265613	0
antisense	-	0	0	0	1	0	0	0	0	0	0.125266
lincRNA	-	1	0	2	4	2	1	0.012294	0	0.029667	0.076329
protein_co	Uncharacte	15	14	21	3	6	9	1.05767	1.26589	1.786595	0.32833
antisense	-	1	0	3	9	10	19	0.080291	0	0.290628	1.121607
lincRNA	-	0	0	0	1	4	0	0	0	0	0.130899
3prime_ov	-	57	41	39	23	22	22	4.841904	4.466162	3.997182	3.032492
antisense	-	3	3	2	1	0	1	0.213136	0.273317	0.171441	0.110272
antisense	-	86	46	52	1	0	2	1.354111	0.928801	0.987887	0.024439
lincRNA	-	3	2	1	0	0	0	0.213784	0.182765	0.085981	0
pseudogen	-	0	0	0	6	12	3	0	0	0	0.210043
antisense	-	2	1	2	6	15	0	0.190998	0.122464	0.23045	0.889366
sense_intrc	-	0	0	0	0	0	1	0	0	0	0
pseudogen	DDB1_and_	10	6	4	1	0	0	0.351499	0.270449	0.169642	0.054558
lincRNA	-	1	1	0	0	0	0	0.018976	0.024334	0	0
pseudogen	-	4	7	5	0	2	4	0.153486	0.344442	0.231487	0
protein_co	growth_ho	0	0	0	1	0	0	0	0	0	0.087687
pseudogen	H3_histone	2	0	0	1	1	1	0.280779	0	0	0.217904
pseudogen	-	2	4	2	0	1	0	0.272616	0.699184	0.328927	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
sense_intrc	-	0	1	0	0	3	1	0	0.126323	0	0

pseudogen	-	1	0	1	1	2	2	0.064057	0	0.077289	0.099426
sense_intrc	-	7	0	1	1	3	3	0.861496	0	0.148492	0.191023
sense_intrc	-	2	0	2	2	3	1	0.178289	0	0.215116	0.276729
lincRNA	-	0	0	0	1	1	0	0	0	0	0.160308
pseudogen	elongation_	0	0	0	2	1	1	0	0	0	0.080956
pseudogen	iron-sulfur_	0	0	0	1	1	0	0	0	0	0.543133
antisense	-	7	3	3	2	0	5	0.340488	0.187126	0.176065	0.150995
antisense	-	7	9	6	11	6	10	0.604475	0.996626	0.625144	1.474361
processed_	-	0	0	1	0	0	0	0	0	0.163513	0
pseudogen	-	0	0	1	2	0	0	0	0	0.052482	0.135027
pseudogen	hect_doma	5	2	2	4	0	1	0.322934	0.165647	0.155855	0.400991
sense_intrc	-	0	0	0	1	1	1	0	0	0	0.16965
antisense	-	4	4	4	9	4	9	0.219369	0.281309	0.264681	0.766103
antisense	-	3	0	0	4	5	2	0.020417	0	0	0.042252
antisense	-	1	1	2	0	3	0	0.086513	0.110941	0.208766	0
lincRNA	-	0	1	0	0	4	0	0	0.08363	0	0
antisense	-	5	4	2	3	7	3	0.099596	0.102175	0.048068	0.092753
antisense	-	4	0	4	12	28	9	0.561557	0	0.677551	2.614843
pseudogen	-	0	2	2	5	5	2	0	0.030523	0.028719	0.09236
processed_	-	11	5	12	4	4	8	0.290096	0.169094	0.381837	0.163734
pseudogen	ubiquitin-c	6	8	2	6	7	1	0.347763	0.594609	0.139865	0.539776
antisense	-	0	0	0	0	4	1	0	0	0	0
protein_co	thiamine_t	70	46	70	130	120	69	1.147658	0.967123	1.384715	3.308173
sense_intrc	-	0	0	1	3	1	2	0	0	0.09978	0.385078
processed_	-	0	2	4	0	0	0	0	0.25974	0.488773	0
pseudogen	olfactory_r	0	0	0	0	1	0	0	0	0	0
antisense	-	14	4	2	2	3	2	0.335785	0.123028	0.057878	0.074455
lincRNA	-	1	2	1	2	3	9	0.054208	0.139028	0.065405	0.168277
antisense	-	0	0	0	79	120	125	0	0	0	1.99639
pseudogen	nucleopho	0	0	0	3	2	1	0	0	0	0.277786
pseudogen	mitochond	0	0	0	0	1	0	0	0	0	0
antisense	-	1	0	3	6	11	4	0.042979	0	0.15557	0.400256
lincRNA	-	6	7	1	10	14	10	0.534867	0.800206	0.107558	1.383646
antisense	-	0	0	1	0	0	0	0	0	0.118112	0
processed_	-	0	0	0	0	0	2	0	0	0	0
processed_	-	0	0	0	15	30	9	0	0	0	2.332686
lincRNA	-	4	0	2	0	2	0	0.095645	0	0.057701	0
lincRNA	-	3	2	3	0	0	0	0.299298	0.255871	0.36112	0
sense_intrc	-	2	2	3	3	1	1	0.125711	0.161206	0.227515	0.29268
antisense	-	9	11	10	6	12	13	0.73778	1.156342	0.989082	0.763424
lincRNA	-	1	0	0	0	0	0	0.052685	0	0	0
protein_co	Uncharacte	0	1	0	0	0	0	0	0.024796	0	0
lincRNA	-	2	3	0	0	0	0	0.114927	0.221065	0	0
antisense	-	0	0	0	1	1	3	0	0	0	0.034041
antisense	-	3	1	0	0	0	2	0.339783	0.145241	0	0
pseudogen	NADH_deh	0	2	2	1	0	0	0	0.231714	0.218017	0.140231
lincRNA	-	1	4	0	2	2	0	0.086833	0.445406	0	0.269555
pseudogen	keratin_8_	0	1	0	0	0	0	0	0.041497	0	0
protein_co	HCG20035	0	1	0	0	0	0	0	0.072185	0	0
pseudogen	-	1	4	0	0	1	0	0.034759	0.178294	0	0
antisense	-	1	2	0	2	5	2	0.144277	0.37003	0	0.447876
antisense	-	4	8	9	4	9	6	0.31898	0.818092	0.865952	0.495101
pseudogen	-	7	5	9	13	14	14	0.2897	0.265357	0.449408	0.835073
pseudogen	-	2	0	1	9	4	0	0.088139	0	0.053172	0.615619
antisense	-	2	2	0	3	2	1	0.197017	0.252646	0	0.458696
processed_	-	0	0	1	1	0	0	0	0	0.10943	0.140773
processed_	-	18	15	15	14	23	24	0.279755	0.298955	0.281284	0.337725
lincRNA	-	0	1	1	35	40	29	0	0.106424	0.100134	4.508483
antisense	-	1	1	2	2	3	9	0.062354	0.07996	0.150467	0.193563
protein_co	mitochond	24	16	21	23	31	54	0.202367	0.173004	0.213646	0.301013
protein_co	Uncharacte	6	0	5	25	28	17	0.645275	0	0.648802	4.173154
antisense	-	244	189	183	46	49	26	3.4112	3.388352	3.086857	0.998173
lincRNA	-	3	4	1	2	1	3	0.214763	0.367205	0.086375	0.222228
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	1	0	0	2	0	0	0.091398	0

lincRNA	-	0	0	0	1	0	0	0	0	0	0.129732
protein_co	uncharacte	0	5	4	0	0	2	0	0.602503	0.453511	0
pseudogen	heterogene	2	3	2	3	0	0	0.097081	0.186738	0.117134	0.226024
antisense	-	2	1	2	0	1	0	0.12372	0.079327	0.149276	0
antisense	-	6	6	3	1	4	1	0.339783	0.435723	0.204984	0.087898
pseudogen	acidic_(leu	2	2	0	2	0	4	0.087318	0.111974	0	0.13553
protein_co	HCG20454	0	0	0	0	0	1	0	0	0	0
protein_co	Uncharacte	5	8	11	0	0	0	0.091297	0.18732	0.242341	0
antisense	-	1	0	2	0	2	0	0.160582	0	0.387503	0
antisense	-	10	2	2	8	1	1	0.744286	0.190888	0.179605	0.924188
antisense	-	2	1	1	4	2	0	0.211216	0.135427	0.127422	0.655674
antisense	-	21	21	23	1	2	4	0.678629	0.870245	0.896786	0.050158
processed_	-	19	5	10	11	15	48	1.260128	0.425246	0.800219	1.132359
lincRNA	long_interg	2	0	1	0	0	1	0.052508	0	0.031677	0
antisense	-	1	0	2	1	3	3	0.088305	0	0.21309	0.137062
protein_co	E3_ubiquit	11	3	5	0	4	2	0.107501	0.037597	0.058957	0
pseudogen	-	2	1	1	3	3	5	0.060038	0.038495	0.03622	0.139782
lincRNA	-	0	0	0	1	1	2	0	0	0	0.154194
pseudogen	-	0	0	0	1	0	0	0	0	0	0.14132
antisense	-	0	2	0	3	0	3	0	0.053639	0	0.097386
pseudogen	-	1	0	2	0	0	0	0.228732	0	0.551956	0
antisense	-	0	1	0	0	0	0	0	0.095142	0	0
antisense	-	1	0	0	0	0	0	0.022035	0	0	0
lincRNA	-	3	2	6	0	0	0	0.250303	0.213985	0.604009	0
lincRNA	-	1	1	0	4	2	1	0.083138	0.106613	0	0.516169
antisense	-	1	0	0	0	0	0	0.082408	0	0	0
pseudogen	-	1	1	0	0	1	0	0.078411	0.100551	0	0
pseudogen	cytochrom	0	1	0	0	0	1	0	0.199767	0	0
lincRNA	-	1	0	0	0	1	1	0.086994	0	0	0
lincRNA	-	0	2	1	0	0	0	0	0.220256	0.103618	0
lincRNA	-	0	0	1	4	5	3	0	0	0.07946	0.408875
antisense	-	0	0	0	3	2	4	0	0	0	0.110272
pseudogen	-	26	15	26	39	25	36	1.171124	0.866424	1.413029	2.726621
pseudogen	-	24	13	12	9	8	20	1.619224	1.12473	0.976843	0.942472
antisense	-	3	5	3	5	6	4	0.28247	0.603713	0.340816	0.730721
antisense	-	1	0	1	0	0	0	0.117519	0	0.141793	0
pseudogen	DNM1_pse	0	1	0	2	0	0	0	0.144891	0	0.350746
pseudogen	-	0	0	2	0	1	0	0	0	0.290877	0
protein_co	BH3-like_m	4	0	0	0	0	0	0.217587	0	0	0
antisense	-	8	3	3	0	1	0	0.779876	0.37503	0.352862	0
lincRNA	-	5	3	1	8	16	8	0.118889	0.091475	0.028689	0.295253
pseudogen	TYRO3P_pr	3	3	1	7	1	5	0.052004	0.066687	0.020915	0.18834
antisense	-	56	39	28	2	6	2	0.817255	0.729867	0.493033	0.045303
processed_	-	3	0	0	2	2	1	0.162813	0	0	0.168472
pseudogen	-	0	0	0	0	1	0	0	0	0	0
processed_	-	0	0	0	3	1	1	0	0	0	0.466537
lincRNA	-	2	0	1	0	0	0	0.290341	0	0.175156	0
antisense	-	3	0	0	0	0	2	0.174529	0	0	0
pseudogen	PRELI_dom	1	0	3	10	7	4	0.091582	0	0.331497	1.42148
lincRNA	-	2	0	1	2	10	5	0.137105	0	0.082713	0.212806
antisense	-	2	1	2	2	3	0	0.150048	0.096208	0.181042	0.232895
antisense	-	0	0	0	1	0	0	0	0	0	0.131609
3prime_ov	-	14	11	12	5	7	3	2.138307	2.154488	2.21142	1.185339
processed_	-	47	51	44	62	82	48	1.551994	2.159591	1.753044	3.17771
antisense	YLP_motif_	11	4	13	1	3	0	0.741078	0.345574	1.056726	0.104569
lincRNA	-	1	4	1	0	2	1	0.098508	0.505292	0.118856	0
pseudogen	-	2	4	2	0	0	0	0.111246	0.285313	0.134224	0
antisense	-	1	0	0	0	0	6	0.102157	0	0	0
antisense	-	0	0	1	1	2	2	0	0	0.113151	0.14556
lincRNA	-	1	0	0	2	1	4	0.157879	0	0	0.4901
antisense	-	0	0	0	0	1	0	0	0	0	0
sense_over	-	102	69	79	95	125	119	1.632349	1.416026	1.525415	2.359755
pseudogen	-	1	0	0	3	1	1	0.115493	0	0	0.537782
antisense	-	0	1	2	0	0	0	0	0.184447	0.347089	0
pseudogen	-	1	0	0	1	1	0	0.02605	0	0	0.040433

antisense	-	8	5	2	38	31	42	0.233139	0.186855	0.070324	1.718852
lincRNA	-	0	2	0	0	0	0	0	0.171554	0	0
sense_over	-	2	0	1	0	1	0	0.197432	0	0.119106	0
protein_co	chromosor	10	15	18	14	11	3	0.225216	0.433212	0.489125	0.489393
sense_intrc	-	5	5	9	4	3	6	0.174183	0.223365	0.378291	0.216285
sense_intrc	-	0	0	0	2	0	1	0	0	0	0.20974
protein_co	Uncharacte	2	1	0	0	2	0	0.146991	0.094247	0	0
antisense	-	0	0	0	1	1	0	0	0	0	0.213431
lincRNA	-	0	0	1	1	1	3	0	0	0.214301	0.275681
antisense	-	0	1	3	0	0	1	0	0.12347	0.348514	0
lincRNA	-	1	3	1	0	3	0	0.063109	0.242785	0.076145	0
pseudogen	phosphatid	8	15	8	4	11	2	0.663929	1.596366	0.801069	0.515255
protein_co	Uncharacte	29	13	22	15	27	4	2.175697	1.2507	1.991458	1.746715
sense_intrc	-	12	16	8	7	9	15	0.861685	1.473318	0.693115	0.780182
pseudogen	DNM1_pse	6	2	1	0	2	2	0.018702	0.007994	0.003761	0
antisense	-	1	2	1	1	0	2	0.006934	0.017785	0.008367	0.010763
lincRNA	-	0	0	0	8	4	3	0	0	0	0.429063
pseudogen	-	0	0	0	2	8	2	0	0	0	0.393404
antisense	-	0	0	0	0	6	0	0	0	0	0
antisense	-	4	7	12	3	4	2	0.17812	0.399723	0.644735	0.20735
lincRNA	IQCH_antis	28	25	19	20	26	3	0.228215	0.261298	0.186848	0.253015
pseudogen	-	1	0	1	0	0	0	0.058466	0	0.070543	0
lincRNA	-	17	13	22	1	0	0	1.396025	1.36898	2.179792	0.12746
pseudogen	-	4	1	2	2	1	1	0.251421	0.080603	0.151677	0.19512
antisense	-	0	0	1	0	0	0	0	0	0.101028	0
sense_intrc	-	3	1	3	1	2	1	0.35977	0.153785	0.434083	0.186138
pseudogen	-	4	5	1	0	1	0	0.193361	0.309947	0.058325	0
antisense	-	11	6	15	6	7	8	0.851139	0.595345	1.400384	0.720592
lincRNA	-	0	0	0	0	2	0	0	0	0	0
pseudogen	-	0	0	2	0	0	0	0	0	0.119106	0
lincRNA	-	0	4	0	3	5	2	0	0.33639	0	0.30537
pseudogen	-	0	0	0	1	1	0	0	0	0	0.32491
pseudogen	ATP-bindin	1	4	1	11	9	7	0.02146	0.110077	0.025893	0.366397
sense_intrc	-	0	0	0	4	5	1	0	0	0	0.086772
pseudogen	FK506_bin	0	0	0	3	1	0	0	0	0	0.771517
lincRNA	-	2	1	2	12	12	10	0.164816	0.105676	0.198859	1.534899
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	high_mobil	1	1	2	0	0	1	0.04941	0.063361	0.119232	0
processed_	-	0	0	1	0	0	0	0	0	0.047225	0
sense_intrc	-	0	0	0	1	1	0	0	0	0	0.200495
sense_over	-	0	0	0	5	2	2	0	0	0	0.905221
lincRNA	-	12	18	14	0	4	2	0.289594	0.557044	0.407646	0
pseudogen	heat_shock	3	2	0	1	0	5	0.059006	0.050444	0	0.030528
pseudogen	-	0	0	0	0	0	3	0	0	0	0
antisense	-	5	5	4	2	3	2	0.261955	0.335921	0.252851	0.162636
pseudogen	-	1	0	1	1	0	0	0.121792	0	0.146949	0.189038
antisense	-	2	5	4	3	4	5	0.147685	0.473463	0.356381	0.343842
sense_over	-	0	1	0	1	0	3	0	0.12002	0	0.145269
lincRNA	long_interg	0	0	0	2	1	0	0	0	0	0.362992
lincRNA	-	17	6	14	61	48	12	1.3025	0.589508	1.294211	7.254196
antisense	-	0	0	2	0	0	0	0	0	0.158475	0
lincRNA	long_interg	3	0	0	0	3	2	0.289445	0	0	0
processed_	-	0	0	0	1	0	0	0	0	0	0.127015
lincRNA	-	60	44	48	0	0	0	1.618758	1.522273	1.5625	0
pseudogen	-	0	0	1	1	1	1	0	0	0.23092	0.29706
antisense	-	1	1	4	9	5	4	0.086513	0.110941	0.417531	1.208521
lincRNA	-	0	1	0	0	0	0	0	0.01895	0	0
antisense	-	1	0	0	0	0	0	0.084183	0	0	0
pseudogen	-	55	32	43	21	34	11	0.525245	0.391885	0.495468	0.311278
lincRNA	-	17	6	3	0	0	1	0.650719	0.294513	0.138552	0
pseudogen	-	2	0	1	0	1	2	0.035986	0	0.02171	0
processed_	-	1	2	2	1	0	1	0.079073	0.202799	0.190811	0.122732
sense_over	-	9	9	11	3	3	3	0.666683	0.854926	0.983145	0.344928
sense_intrc	-	3	0	1	0	0	2	0.283038	0	0.113834	0
antisense	-	9	1	12	11	10	6	0.642329	0.091522	1.033343	1.218535

pseudogen	-	1	0	0	0	1	3	0.058613	0	0	0
sense_intrc	-	1	1	1	4	2	3	0.062106	0.079642	0.074934	0.385588
pseudogen	-	0	1	0	0	0	0	0	0.030867	0	0
pseudogen	-	3	1	0	1	2	1	0.455243	0.194595	0	0.235533
pseudogen	-	0	0	1	0	0	0	0	0	0.072163	0
pseudogen	-	0	2	1	3	1	1	0	0.09552	0.044937	0.173423
protein_co	-	2	0	2	2	6	1	0.149331	0	0.180177	0.231783
antisense	-	2	1	0	2	1	1	0.13025	0.083514	0	0.202166
antisense	-	0	0	1	0	0	0	0	0	0.098051	0
lincRNA	-	0	0	0	2	0	0	0	0	0	0.211569
lincRNA	-	1489	1265	1287	2054	2781	2107	7.470494	8.13869	7.790785	15.99505
antisense	-	1	4	0	0	0	0	0.236818	1.214743	0	0
lincRNA	-	0	1	0	0	0	0	0	0.118133	0	0
antisense	-	1	3	3	3	7	3	0.094919	0.365161	0.343576	0.441983
lincRNA	-	2	2	8	0	0	0	0.209799	0.269037	1.012537	0
antisense	-	0	0	0	0	2	0	0	0	0	0
sense_intrc	-	3	3	8	3	6	4	0.309846	0.397333	0.996925	0.480924
processed_	-	5	4	13	15	24	8	0.507468	0.520604	1.591951	2.362981
sense_intrc	-	3	0	2	3	1	1	0.313996	0	0.252569	0.487365
processed_	-	0	0	0	10	6	0	0	0	0	0.762891
lincRNA	-	0	1	0	1	0	1	0	0.049612	0	0.060049
antisense	-	5	6	4	0	3	3	0.337824	0.519854	0.326084	0
pseudogen	-	417	317	389	396	356	529	30.26801	29.50642	34.06791	44.61424
sense_intrc	-	1	1	5	0	1	0	0.057675	0.07396	0.347943	0
lincRNA	-	0	0	1	0	0	0	0	0	0.128874	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.01455
sense_over	-	0	2	1	0	0	0	0	0.03559	0.016743	0
antisense	-	0	1	0	0	0	0	0	0.055573	0	0
pseudogen	acidic_(leu	1	0	0	1	0	0	0.036153	0	0	0.056114
antisense	-	7	3	3	1	5	2	0.679565	0.373477	0.351401	0.150683
antisense	-	2	0	0	2	1	3	0.041042	0	0	0.063702
sense_over	-	0	1	0	6	6	11	0	0.035877	0	0.260548
sense_intrc	-	3	7	14	5	5	4	0.328668	0.983431	1.850601	0.850231
antisense	-	0	0	0	1	1	3	0	0	0	0.150683
antisense	-	4	4	13	16	21	1	0.32733	0.419754	1.283563	2.032246
antisense	-	23	14	19	36	57	33	1.19697	0.934314	1.193046	2.907961
protein_co	solute_carr	0	1	1	72	120	60	0	0.035963	0.033837	3.134058
antisense	-	5	3	9	6	7	9	0.26079	0.200656	0.566384	0.485738
lincRNA	-	100	72	79	40	33	51	12.60484	11.63803	12.01469	7.825785
lincRNA	-	70	61	77	0	0	0	1.563745	1.74746	2.075423	0
3prime_ov	-	0	2	0	1	0	0	0	0.049307	0	0.02984
processed_	-	1	3	2	0	0	0	0.062024	0.23861	0.149671	0
lincRNA	-	0	0	0	7	4	5	0	0	0	0.730931
lincRNA	-	2	0	0	0	0	2	0.061015	0	0	0
lincRNA	-	1	2	0	0	0	0	0.164526	0.421963	0	0
antisense	-	2	1	2	1	0	2	0.026115	0.016745	0.03151	0.020267
lincRNA	-	12	15	27	68	76	43	0.089986	0.144242	0.244289	0.791464
lincRNA	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	1	0	0	0	0	0	0.18756	0	0	0
antisense	-	7	8	4	5	16	10	0.146925	0.215326	0.101299	0.162891
lincRNA	-	0	0	0	0	1	0	0	0	0	0
lincRNA	long_interg	0	0	0	0	3	5	0	0	0	0
antisense	-	0	0	0	0	0	2	0	0	0	0
lincRNA	-	0	0	0	7	10	2	0	0	0	0.146354
pseudogen	transcriptic	0	0	0	0	1	0	0	0	0	0
lincRNA	-	4	0	2	0	2	0	0.420538	0	0.253702	0
pseudogen	hect_doma	6	6	7	9	30	10	0.117568	0.150764	0.165495	0.273723
lincRNA	-	1	0	3	0	0	0	0.085566	0	0.30972	0
lincRNA	-	2	0	2	1	1	0	0.12504	0	0.150868	0.09704
pseudogen	-	0	0	0	2	1	0	0	0	0	0.021975
pseudogen	RAB43_pse	6	5	6	4	6	2	0.477657	0.51044	0.576321	0.49426
lincRNA	-	2	1	2	0	0	0	0.205658	0.131864	0.248138	0
lincRNA	SH3RF3_an	317	210	262	7	4	7	9.266917	7.872355	9.241136	0.317618
lincRNA	-	64	56	66	46	81	65	2.408476	2.702463	2.996776	2.686895
pseudogen	-	0	0	1	0	0	0	0	0	0.04819	0

antisense	-	0	0	3	0	0	0	0	0	0.114991	0
lincRNA	-	0	0	0	2	0	0	0	0	0	0.150371
antisense	-	2	1	0	0	0	1	0.166572	0.106802	0	0
antisense	-	28	33	29	20	33	32	0.541634	0.818599	0.676852	0.600493
antisense	-	1	0	0	2	3	1	0.018274	0	0	0.056726
antisense	-	10	10	7	0	0	3	0.608171	0.779894	0.513656	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	0	1	2	0	0	0	0	0.026708
lincRNA	-	12	12	8	5	6	6	1.317752	1.68983	1.059963	0.852222
lincRNA	-	0	0	0	10	6	1	0	0	0	2.483952
pseudogen	-	1	0	0	0	0	0	0.092303	0	0	0
antisense	-	62	55	51	28	53	38	1.303084	1.482357	1.293299	0.913417
pseudogen	-	2	0	0	0	1	0	0.098612	0	0	0
lincRNA	-	3	4	1	2	0	4	0.352557	0.602805	0.141793	0.364811
antisense	-	7	6	5	2	11	10	0.100561	0.110533	0.086666	0.044595
antisense	-	0	1	1	0	0	0	0	0.086146	0.081054	0
antisense	-	77	49	74	30	41	32	1.516393	1.237446	1.758332	0.917007
pseudogen	-	5	2	1	2	0	3	0.220555	0.113132	0.053222	0.136933
lincRNA	Prader-Wil	0	0	0	6	4	12	0	0	0	0.302619
pseudogen	-	0	0	0	4	2	1	0	0	0	0.762092
antisense	-	0	0	0	1	2	6	0	0	0	0.152899
lincRNA	-	2	0	2	2	3	4	0.042589	0	0.051386	0.066103
pseudogen	-	14	13	12	16	28	24	0.418128	0.49789	0.432424	0.741705
pseudogen	-	0	1	1	0	0	1	0	0.175306	0.164943	0
lincRNA	-	1	2	1	1	0	3	0.016158	0.04144	0.019495	0.025079
sense_intrc	-	3	4	1	0	2	1	0.035977	0.061514	0.014469	0
pseudogen	-	1	0	0	0	0	0	0.045524	0	0	0
pseudogen	-	1	0	2	1	0	0	0.048641	0	0.117377	0.075498
sense_intrc	-	0	5	3	3	2	1	0	0.425848	0.240406	0.309263
lincRNA	-	0	1	0	0	0	0	0	0.039559	0	0
pseudogen	-	1	0	1	1	0	3	0.173026	0	0.208766	0.26856
sense_over	-	4	5	3	1	1	0	0.3126	0.501082	0.282878	0.1213
lincRNA	-	0	0	0	1	1	7	0	0	0	0.071213
antisense	-	1	2	1	0	0	0	0.027844	0.071413	0.033596	0
lincRNA	-	0	0	0	0	4	1	0	0	0	0
antisense	-	64	60	57	63	97	38	1.947411	2.341199	2.09267	2.975423
lincRNA	-	9	14	12	0	0	0	0.233155	0.465092	0.375086	0
pseudogen	-	0	0	1	0	0	0	0	0	0.127999	0
sense_over	-	64	46	40	23	34	14	0.668663	0.616304	0.504238	0.37298
antisense	IL21R_anti	0	0	1	0	2	0	0	0	0.021635	0
lincRNA	-	86	71	65	159	176	158	0.956032	1.012142	0.871837	2.743478
processed_	-	0	0	0	0	2	1	0	0	0	0
lincRNA	-	1	0	0	3	0	0	0.084335	0	0	0.392697
sense_over	-	131	85	82	9	6	15	6.261562	5.210023	4.729043	0.667705
antisense	-	31	15	17	7	11	15	2.140781	1.328346	1.416471	0.750307
lincRNA	long_interg	0	0	0	3	1	16	0	0	0	0.04445
lincRNA	-	29	29	23	5	1	1	0.809893	1.038573	0.775007	0.216736
lincRNA	-	10	13	4	0	0	1	0.660423	1.100968	0.318735	0
pseudogen	mitochond	1	1	1	2	0	3	0.199532	0.255871	0.240747	0.619403
pseudogen	cell_divisio	4	6	5	0	2	0	0.195579	0.376203	0.294971	0
pseudogen	-	0	0	0	2	0	3	0	0	0	0.317123
antisense	-	31	16	12	29	39	32	1.243448	0.822991	0.580758	1.805487
antisense	-	4	1	3	3	5	4	0.448708	0.143851	0.406044	0.522343
pseudogen	-	0	0	0	0	2	0	0	0	0	0
pseudogen	-	3	0	2	2	1	1	0.055208	0	0.044408	0.057127
sense_over	-	44	29	34	39	38	21	0.636582	0.538033	0.59351	0.875783
processed_	-	2	0	3	1	1	1	0.219625	0	0.397486	0.170444
antisense	-	23	29	18	21	48	14	0.710923	1.149482	0.671298	1.007499
protein_co	transformi	13	6	2	42	39	13	0.483786	0.286332	0.089802	2.425993
antisense	-	4	4	6	7	12	14	0.041625	0.053378	0.075334	0.113062
lincRNA	-	57	51	39	29	34	57	1.002525	1.15027	0.827624	0.791678
sense_over	-	5	3	4	3	1	5	0.119801	0.092176	0.115637	0.111568
lincRNA	-	2	2	0	0	6	1	0.2605	0.334054	0	0
pseudogen	-	2	0	1	1	0	0	0.123395	0	0.074441	0.095763
sense_intrc	-	0	0	0	18	20	12	0	0	0	3.203023

antisense	-	1	0	0	0	0	1	0.129889	0	0	0
antisense	-	11	6	13	14	19	10	0.99	0.692474	1.411673	1.955695
lincRNA	-	0	0	0	2	0	0	0	0	0	0.108627
antisense	-	0	0	0	1	0	0	0	0	0	0.122939
antisense	-	2	3	5	0	0	0	0.176943	0.340357	0.533731	0
lincRNA	-	17	15	15	34	48	29	1.99782	2.260519	2.126899	6.201788
pseudogen	mitochond	0	1	0	0	3	3	0	0.252646	0	0
lincRNA	-	36	21	27	57	36	39	4.612133	3.45007	4.173603	11.33456
lincRNA	-	0	0	0	0	0	1	0	0	0	0
protein_co	homeobox	111	75	89	0	0	12	1.324712	1.147807	1.281553	0
antisense	-	4	5	0	3	0	1	0.163665	0.262346	0	0.190523
lincRNA	-	0	0	0	0	2	1	0	0	0	0
lincRNA	long_interg	9572	8155	8250	3300	4770	3594	84.06654	91.84463	87.42235	44.98471
pseudogen	-	1	2	1	0	1	5	0.099979	0.256417	0.12063	0
antisense	-	15	23	15	28	25	18	0.124135	0.244085	0.149776	0.35966
pseudogen	-	0	0	5	0	0	4	0	0	0.391255	0
lincRNA	-	1	2	3	0	0	0	0.074429	0.190888	0.269407	0
sense_intrc	-	10	4	3	0	3	3	1.309777	0.671841	0.474096	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.044788
antisense	-	1	0	0	0	0	0	0.137507	0	0	0
antisense	-	3	5	7	12	13	12	0.24679	0.527454	0.694787	1.532206
lincRNA	-	2	1	1	3	2	1	0.173989	0.111558	0.104964	0.405082
pseudogen	ATP-bindin	0	1	2	2	1	1	0	0.027532	0.051809	0.066648
lincRNA	-	462	342	395	206	266	224	13.807	13.10669	14.24304	9.555538
lincRNA	-	1	0	0	0	0	0	0.057746	0	0	0
antisense	-	9	11	4	11	18	16	0.506615	0.794031	0.271671	0.961078
antisense	-	17	9	6	2	3	11	0.398565	0.270584	0.169727	0.07278
sense_intrc	-	0	0	2	0	0	0	0	0	0.136491	0
lincRNA	-	160	135	134	78	87	78	2.456582	2.657997	2.482357	1.858816
lincRNA	-	0	0	0	4	6	2	0	0	0	0.09627
pseudogen	-	1	1	0	0	0	0	0.19376	0.24847	0	0
antisense	-	0	2	0	0	1	1	0	0.170581	0	0
lincRNA	-	0	0	0	2	0	0	0	0	0	0.182864
pseudogen	N-ethylmal	0	0	1	0	0	0	0	0	0.038461	0
lincRNA	-	35	23	32	86	109	53	1.043989	0.879762	1.151664	3.981592
pseudogen	-	2	0	0	1	0	0	0.024731	0	0	0.019193
antisense	-	12	4	17	18	15	8	0.745272	0.318568	1.273886	1.735148
pseudogen	-	3	0	0	0	2	0	0.23445	0	0	0
antisense	microRNA_	9	3	5	10	17	10	0.295319	0.126235	0.197955	0.509306
antisense	-	0	3	0	4	3	0	0	0.32978	0	0.532211
lincRNA	-	11	15	4	12	21	8	0.60397	1.056144	0.264991	1.022667
lincRNA	-	1	0	1	5	4	3	0.063709	0	0.076869	0.494428
pseudogen	ADAM_met	0	1	0	1	3	1	0	0.071583	0	0.086643
lincRNA	-	0	0	0	2	0	0	0	0	0	0.039836
lincRNA	-	7	3	4	16	10	4	0.364295	0.20021	0.251168	1.292427
antisense	-	4	0	0	0	2	2	0.049751	0	0	0
antisense	-	3	1	1	7	10	6	0.354333	0.15146	0.142508	1.283271
pseudogen	DNM1_pse	0	0	0	0	1	0	0	0	0	0
lincRNA	-	2	1	1	2	2	1	0.097282	0.062375	0.058688	0.150995
lincRNA	-	7	4	3	1	2	0	0.172119	0.126124	0.089002	0.038165
pseudogen	-	15	6	6	12	18	13	0.207784	0.106582	0.100282	0.258008
pseudogen	-	0	0	0	4	6	1	0	0	0	0.127182
pseudogen	-	0	0	1	0	0	0	0	0	0.047463	0
sense_intrc	-	43	27	39	14	18	16	0.888225	0.7152	0.972002	0.448862
lincRNA	-	4	2	2	1	3	2	0.130978	0.08398	0.079016	0.050824
antisense	-	14	9	13	6	4	8	0.355805	0.293316	0.398635	0.236682
lincRNA	-	1	0	0	0	0	0	0.052333	0	0	0
lincRNA	-	2	0	0	5	4	1	0.157085	0	0	0.609546
lincRNA	-	1	0	0	28	17	5	0.012076	0	0	0.524809
lincRNA	-	0	0	0	0	1	0	0	0	0	0
pseudogen	unc-51-like	2	0	0	0	0	0	0.117519	0	0	0
antisense	-	5	1	4	0	1	1	0.618602	0.158654	0.597103	0
pseudogen	carbonic_a	1	0	0	0	0	0	0.081406	0	0	0
lincRNA	-	2	3	5	3	4	7	0.128466	0.247109	0.387503	0.299095
lincRNA	-	0	0	0	0	2	0	0	0	0	0

pseudogen	-	6	11	10	0	0	0	0.0586	0.137769	0.117841	0
lincRNA	-	2	2	0	0	1	0	0.091226	0.116984	0	0
pseudogen	-	2	4	2	6	6	1	0.078543	0.20144	0.094766	0.365728
antisense	-	2	3	4	0	0	0	0.139554	0.268437	0.336759	0
antisense	-	0	0	3	0	2	0	0	0	0.35959	0
pseudogen	-	0	0	0	1	1	0	0	0	0	0.119704
antisense	-	1	0	0	0	3	1	0.0851	0	0	0
pseudogen	-	2	1	1	0	0	0	0.123395	0.079118	0.074441	0
sense_over	-	27	21	16	9	8	12	1.875601	1.870705	1.341049	0.970397
pseudogen	-	0	0	0	0	2	0	0	0	0	0
lincRNA	-	1	0	0	2	1	1	0.010476	0	0	0.03252
pseudogen	-	2	2	3	7	8	9	0.532841	0.683293	0.964355	2.894651
processed_	-	1	0	0	0	0	0	0.220141	0	0	0
antisense	-	1	4	5	12	23	11	0.097282	0.499002	0.586883	1.811945
lincRNA	-	0	0	0	2	1	0	0	0	0	0.131728
lincRNA	-	0	0	0	1	0	0	0	0	0	0.094274
protein_co	Uncharacte	0	0	1	0	0	0	0	0	0.029683	0
lincRNA	-	13	6	13	4	3	2	1.065682	0.630732	1.285807	0.50895
lincRNA	-	6	10	1	8	17	9	0.180578	0.385942	0.036313	0.373709
sense_intrc	-	0	0	0	0	1	0	0	0	0	0
antisense	-	1	0	1	3	3	1	0.115493	0	0.139349	0.537782
lincRNA	-	0	0	1	1	0	0	0	0	0.060834	0.078258
pseudogen	-	1	3	0	0	0	0	0.095112	0.365901	0	0
antisense	-	0	0	0	0	0	1	0	0	0	0
sense_over	-	11	6	7	2	2	3	0.629012	0.439974	0.482962	0.177512
lincRNA	-	5	3	2	10	11	6	0.184027	0.141593	0.088816	0.57127
antisense	-	0	2	1	1	3	0	0	0.162733	0.076557	0.098484
antisense	-	112	109	101	8	9	6	1.821603	2.273378	1.982007	0.201956
lincRNA	-	19	6	13	13	25	18	0.334175	0.135326	0.275875	0.35489
sense_intrc	-	1	0	0	1	1	1	0.026387	0	0	0.040957
antisense	-	2	0	0	2	0	1	0.163951	0	0	0.254475
lincRNA	-	0	1	0	4	3	4	0	0.055676	0	0.269555
pseudogen	-	8	2	7	4	2	12	0.148327	0.047552	0.156595	0.115112
antisense	-	6	5	3	7	4	13	0.356578	0.381051	0.215116	0.645702
sense_over	-	44	36	34	6	4	1	0.451063	0.473256	0.420544	0.09547
processed_	-	19	8	16	14	23	39	2.146772	1.159129	2.181224	2.455222
antisense	-	0	2	3	0	0	0	0	0.208422	0.294153	0
pseudogen	-	0	1	0	2	2	2	0	0.120986	0	0.292876
sense_over	-	18	15	16	7	12	5	0.14949	0.15975	0.160327	0.090234
antisense	-	39	15	27	70	107	46	0.768366	0.378969	0.641823	2.140582
processed_	-	36	16	32	24	22	12	0.869228	0.495405	0.932243	0.899441
antisense	-	25	27	17	8	7	9	0.613423	0.849558	0.503288	0.304677
sense_over	-	14	3	2	0	0	0	0.251036	0.068983	0.04327	0
pseudogen	SUB1_hom	2	2	5	1	5	7	0.276637	0.354748	0.834447	0.21469
lincRNA	-	6	9	12	12	12	11	0.244431	0.470172	0.58984	0.758782
antisense	-	3	5	6	2	4	3	0.026979	0.057662	0.065104	0.027917
pseudogen	-	0	0	1	0	0	0	0	0	0.077183	0
antisense	-	1	0	0	1	0	1	0.127073	0	0	0.197235
sense_over	-	8	2	7	4	0	2	0.499494	0.160133	0.527335	0.387642
pseudogen	-	0	0	0	5	3	5	0	0	0	0.332632
lincRNA	-	60	42	34	81	100	100	1.645264	1.476872	1.124893	3.447464
pseudogen	-	0	0	1	0	0	0	0	0	0.065254	0
protein_co	Uncharacte	4	7	2	2	7	6	0.260139	0.583784	0.156936	0.201886
lincRNA	-	186	193	176	362	427	433	25.50159	33.9329	29.11488	77.03593
lincRNA	-	11	10	10	46	59	28	0.147033	0.171408	0.161276	0.954353
lincRNA	-	1	1	1	0	2	0	0.065764	0.084334	0.079349	0
sense_over	-	11	9	3	8	6	8	0.330211	0.346458	0.10866	0.372752
lincRNA	-	0	0	0	48	41	42	0	0	0	4.45023
pseudogen	-	0	1	0	29	38	84	0	0.018019	0	0.632489
antisense	-	98	77	81	55	80	25	1.51858	1.530071	1.514414	1.322832
processed_	-	7	8	6	2	6	8	0.416008	0.609681	0.430232	0.184486
lincRNA	-	0	0	0	0	0	1	0	0	0	0
antisense	-	2	4	0	3	3	4	0.107546	0.275825	0	0.250389
lincRNA	-	7	2	6	0	3	4	0.229532	0.084098	0.23738	0
antisense	-	25	39	38	35	54	61	0.512347	1.02494	0.939628	1.113327

antisense	-	0	4	1	0	2	1	0	0.467028	0.109855	0
antisense	-	1	5	1	3	4	11	0.020211	0.12959	0.024386	0.094112
antisense	-	55	54	51	25	29	28	6.415301	8.077137	7.177489	4.526107
antisense	-	3	4	1	2	4	2	0.284757	0.486881	0.114525	0.294655
pseudogen	-	1	2	0	0	2	0	0.140811	0.36114	0	0
pseudogen	tryptase_ps	0	0	0	0	1	1	0	0	0	0
antisense	-	30	14	13	51	57	33	0.346222	0.207191	0.181019	0.913554
protein_co	Uncharacte	0	0	0	0	0	1	0	0	0	0
processed_	-	0	1	1	1	2	0	0	0.037652	0.035426	0.045573
pseudogen	-	8	1	3	10	10	4	0.267561	0.042889	0.12106	0.519114
sense_intrc	-	10	10	8	2	3	5	0.930357	1.193052	0.898024	0.288809
sense_over	-	37	28	22	22	18	29	1.499508	1.455172	1.075766	1.383886
pseudogen	-	0	0	1	0	0	0	0	0	0.052288	0
processed_	-	4	1	4	4	2	9	0.256932	0.08237	0.310003	0.398793
lincRNA	NTRK3_ant	0	0	0	1	0	3	0	0	0	0.02733
lincRNA	-	10	1	7	1	1	4	0.281622	0.036114	0.237855	0.043712
sense_intrc	-	3	1	1	1	1	0	0.323379	0.138229	0.130059	0.16731
sense_intrc	-	4	0	2	1	2	1	0.059074	0	0.035638	0.022923
lincRNA	-	10	8	8	0	1	1	0.259778	0.266503	0.25075	0
pseudogen	cytochrom	9	9	5	2	5	1	1.962838	2.517061	1.315709	0.677021
pseudogen	-	0	1	3	0	0	0	0	0.073062	0.206229	0
antisense	-	7	6	15	3	5	5	0.223438	0.245595	0.577694	0.148631
lincRNA	-	2	0	0	1	1	4	0.114506	0	0	0.088864
pseudogen	-	0	0	0	0	2	1	0	0	0	0
sense_over	-	326	267	294	173	272	126	3.898532	4.094531	4.242081	3.211147
processed_	-	0	0	0	1	4	9	0	0	0	0.019102
processed_	-	0	0	0	0	2	1	0	0	0	0
antisense	HEXA_antis	0	0	1	3	1	0	0	0	0.021142	0.081592
antisense	-	40	26	27	6	26	40	2.565801	2.138679	2.089656	0.597372
antisense	-	0	1	2	0	2	0	0	0.139837	0.263142	0
antisense	-	0	1	0	2	1	0	0	0.120501	0	0.291703
antisense	-	1	0	0	2	3	5	0.101274	0	0	0.314384
antisense	-	16	20	15	19	17	17	0.324498	0.520154	0.367056	0.598104
pseudogen	DNM1_pse	0	0	0	0	2	0	0	0	0	0
lincRNA	-	110	101	108	20	22	8	1.641598	1.93288	1.94467	0.463271
lincRNA	-	4	0	0	0	0	4	0.149212	0	0	0
lincRNA	-	1	5	2	10	6	19	0.02701	0.173185	0.065179	0.419238
protein_co	Uncharacte	0	0	0	488	576	257	0	0	0	53.81294
lincRNA	-	0	0	0	3	1	6	0	0	0	0.279564
sense_over	-	2	1	4	1	0	2	0.342263	0.219452	0.82592	0.26562
antisense	-	4	5	6	3	3	3	0.401628	0.643788	0.72688	0.467536
sense_over	-	5	1	3	0	0	2	0.205298	0.052653	0.148622	0
lincRNA	-	2	1	1	8	3	8	0.094251	0.060432	0.05686	0.585164
antisense	AQP4_antis	0	0	0	7	8	8	0	0	0	0.212984
antisense	-	0	2	1	0	5	0	0	0.153002	0.071979	0
antisense	-	0	0	1	0	0	0	0	0	0.084948	0
pseudogen	-	1	3	4	1	1	0	0.048591	0.186932	0.23451	0.075419
lincRNA	long_interg	4	1	10	11	14	13	0.075997	0.024364	0.229236	0.324383
pseudogen	WW_doma	1	0	0	0	0	0	0.015777	0	0	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
sense_over	-	9	4	7	0	0	1	0.166277	0.094767	0.15604	0
sense_over	-	0	3	0	0	0	1	0	0.120662	0	0
antisense	-	1	2	1	0	2	1	0.038434	0.098573	0.046373	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	16	6	10	7	13	1	0.522088	0.251064	0.393706	0.354529
sense_over	-	3	4	3	2	3	5	0.037472	0.06407	0.045212	0.038775
sense_over	-	18	16	8	111	150	119	0.367765	0.419206	0.197213	3.520069
sense_over	-	0	0	0	11	15	12	0	0	0	0.238196
antisense	-	0	0	1	2	6	5	0	0	0.104383	0.26856
processed_	-	163	113	143	141	159	177	1.739038	1.545999	1.840796	2.334915
lincRNA	-	2	3	1	1	4	1	0.058539	0.112603	0.035316	0.045431
pseudogen	-	4	1	2	5	4	1	0.184788	0.059241	0.111479	0.358521
processed_	-	0	0	0	7	5	4	0	0	0	0.322442
sense_over	-	19	19	13	14	16	9	0.129474	0.166032	0.106886	0.148077
lincRNA	-	107	91	106	63	56	31	1.754277	1.913221	2.096854	1.603191

lincRNA	-	3	1	2	3	10	6	0.040715	0.017404	0.03275	0.063195
lincRNA	-	0	0	0	11	8	12	0	0	0	2.140582
lincRNA	-	7	2	7	0	0	0	0.200262	0.073374	0.241628	0
lincRNA	-	0	0	2	6	7	3	0	0	0.025786	0.099517
antisense	-	8	6	6	3	4	5	0.862345	0.829376	0.780352	0.50193
sense_over	-	1	0	0	0	0	0	0.025196	0	0	0
lincRNA	-	7	2	1	0	0	0	0.390286	0.142996	0.067272	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	8	7	11	12	24	26	0.081125	0.091027	0.134587	0.188875
antisense	-	0	0	0	1	0	1	0	0	0	0.253588
pseudogen	-	0	0	0	1	0	0	0	0	0	0.089741
antisense	-	9	5	12	2	1	2	0.299723	0.213529	0.482178	0.10338
lincRNA	-	0	1	0	0	0	1	0	0.018691	0	0
antisense	-	2	0	0	2	2	1	0.205208	0	0	0.318511
antisense	-	8	5	5	26	31	16	0.672258	0.538797	0.506949	3.391174
pseudogen	-	0	0	0	0	1	1	0	0	0	0
antisense	-	3	0	1	0	0	1	0.224354	0	0.090232	0
lincRNA	-	11	6	6	6	8	6	0.673355	0.470991	0.44315	0.570077
pseudogen	TP53RK_bi	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	3	10	5	21	27	5	0.07251	0.309947	0.145813	0.787823
protein_co	chromosor	14	17	12	11	19	12	0.397855	0.619519	0.411458	0.485199
pseudogen	ferritin_ligl	0	0	0	40	41	52	0	0	0	6.01486
lincRNA	-	0	0	0	1	0	0	0	0	0	0.039814
sense_over	-	40	38	31	35	30	15	0.785427	0.956839	0.734439	1.066706
lincRNA	-	8	9	8	1	1	4	0.212412	0.306437	0.256288	0.041212
processed_	-	2	1	1	2	1	1	0.179655	0.115191	0.108382	0.27885
lincRNA	-	0	2	2	0	0	0	0	0.239561	0.2254	0
lincRNA	-	0	0	0	17	22	12	0	0	0	2.383924
lincRNA	-	0	4	1	5	7	0	0	0.111506	0.026229	0.168706
lincRNA	-	6	7	7	2	1	7	0.273944	0.409843	0.385617	0.141733
antisense	-	4	4	0	0	2	1	0.217083	0.278379	0	0
lincRNA	-	271	222	235	78	121	105	5.159235	5.419738	5.397988	2.304841
pseudogen	-	0	0	1	0	0	0	0	0	0.204244	0
lincRNA	-	0	0	0	1	4	0	0	0	0	0.033508
antisense	-	0	1	1	0	4	1	0	0.10005	0.094136	0
pseudogen	-	3	1	1	0	1	2	0.277456	0.118599	0.111589	0
lincRNA	-	0	0	0	1	6	2	0	0	0	0.125266
antisense	-	2	0	1	3	4	3	0.074193	0	0.044759	0.172737
pseudogen	-	0	0	0	1	2	2	0	0	0	0.100664
antisense	-	3	1	2	8	13	12	0.052235	0.022328	0.042017	0.216204
lincRNA	-	1	0	2	0	0	0	0.047652	0	0.114991	0
processed_	-	1	0	0	0	1	1	0.081548	0	0	0
processed_	-	0	0	0	0	3	0	0	0	0	0
3prime_ov	-	0	0	0	1	0	0	0	0	0	0.186138
lincRNA	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	0	0	2	0	0	0	0	0
processed_	-	0	0	0	1	1	0	0	0	0	0.20735
sense_over	-	61	38	45	1	8	5	0.536741	0.428773	0.477744	0.013657
lincRNA	-	1	1	3	2	3	1	0.018696	0.023975	0.067674	0.058038
lincRNA	-	27	12	19	0	0	0	2.182811	1.244065	1.853336	0
pseudogen	-	1	2	0	0	0	0	0.039805	0.102088	0	0
antisense	-	1	0	0	0	0	0	0.108291	0	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	4	0	0	0	0	0	0.06294	0	0	0
antisense	-	5	8	4	18	25	17	0.115152	0.236266	0.11115	0.643436
processed_	family_witl	44	50	54	102	137	116	0.944671	1.376598	1.398845	3.399057
lincRNA	-	0	0	0	1	1	0	0	0	0	0.041049
sense_over	-	67	49	41	7	17	7	1.457833	1.36722	1.076379	0.236408
antisense	-	5	4	4	9	9	14	0.510785	0.524007	0.493033	1.427055
lincRNA	-	969	871	825	640	799	696	18.42515	21.23806	18.92733	18.88851
sense_over	-	3	0	0	0	2	0	0.639409	0	0	0
antisense	-	0	3	1	2	3	3	0	0.434673	0.136327	0.350746
pseudogen	metallothi	7	12	11	4	3	2	0.798613	1.755614	1.514186	0.708319
lincRNA	-	0	0	0	1	0	0	0	0	0	0.117198

lincRNA	Prader-Wil	0	0	0	0	1	0	0	0	0	0
antisense	-	23	20	31	25	50	30	1.770887	1.974706	2.87987	2.987677
lincRNA	-	0	1	1	0	1	0	0	0.019754	0.018586	0
processed_	-	168	143	141	5	6	16	17.86286	19.49787	18.08877	0.825168
lincRNA	-	3	2	3	3	3	2	0.262444	0.224365	0.316654	0.40735
lincRNA	-	20	27	30	29	32	9	0.78477	1.358581	1.420306	1.766204
processed_	endogenou	194	117	152	16	31	26	1.630811	1.261238	1.541677	0.208762
lincRNA	-	0	0	0	0	0	2	0	0	0	0
pseudogen	-	0	3	0	0	0	1	0	0.362228	0	0
antisense	-	2	2	1	0	0	3	0.054682	0.070122	0.032989	0
antisense	-	1	0	1	3	8	5	0.085255	0	0.102865	0.396981
lincRNA	-	50	52	42	42	31	19	0.738193	0.984493	0.748165	0.962453
antisense	-	21	9	20	3	6	13	2.486592	1.366586	2.857349	0.551362
antisense	-	0	2	2	2	0	0	0	0.076745	0.072209	0.092891
pseudogen	tyrosylprot	0	0	2	1	1	2	0	0	0.102678	0.066043
antisense	long_interg	13	12	6	4	6	6	1.094381	1.295435	0.609431	0.522656
sense_intrc	-	0	0	0	0	2	0	0	0	0	0
lincRNA	-	8	3	9	23	30	23	0.211932	0.101915	0.287672	0.945726
antisense	-	8	13	7	9	20	5	0.144555	0.301228	0.152612	0.252415
lincRNA	-	1	0	2	1	10	3	0.136706	0	0.329886	0.212186
antisense	-	0	0	0	0	1	0	0	0	0	0
antisense	-	0	0	0	2	8	3	0	0	0	0.313031
antisense	-	1	0	0	0	0	0	0.103739	0	0	0
lincRNA	-	63	61	79	0	0	1	1.102265	1.368626	1.667711	0
sense_intrc	-	0	0	0	0	0	1	0	0	0	0
sense_intrc	-	2	0	0	1	0	0	0.180346	0	0	0.139961
pseudogen	high_mobil	0	0	0	2	1	0	0	0	0	0.372275
lincRNA	-	1003	840	932	1	0	1	6.652148	7.144134	7.458044	0.010294
antisense	-	3	4	0	3	9	7	0.334133	0.571304	0	0.518621
lincRNA	-	0	0	0	0	2	0	0	0	0	0
lincRNA	-	0	0	1	1	2	0	0	0	0.036104	0.046445
antisense	-	1	0	2	7	27	13	0.071697	0	0.173014	0.778989
antisense	-	0	1	0	0	0	0	0	0.076404	0	0
antisense	-	8	5	8	2	4	4	0.59074	0.473463	0.712762	0.229228
lincRNA	-	0	0	1	1	0	0	0	0	0.023045	0.029646
antisense	-	1	1	2	4	1	1	0.072473	0.092936	0.174886	0.449952
lincRNA	-	0	1	0	0	0	0	0	0.107375	0	0
pseudogen	-	27	17	23	17	4	5	0.758102	0.6121	0.779184	0.740872
antisense	SNAI3_anti	281	159	222	39	44	29	6.286305	4.561373	5.992253	1.354204
lincRNA	-	3	0	2	35	35	14	0.072287	0	0.058145	1.308989
lincRNA	-	2	0	1	2	1	0	0.063709	0	0.038434	0.098886
antisense	-	9	10	4	3	4	1	0.99766	1.421508	0.534993	0.516169
lincRNA	-	4	2	0	3	8	1	0.337946	0.216684	0	0.393404
antisense	-	21	15	19	1	7	4	0.174374	0.159721	0.190355	0.012888
processed_	-	1	0	2	2	1	2	0.06066	0	0.146379	0.188305
pseudogen	hect_doma	0	0	0	1	0	0	0	0	0	0.019027
lincRNA	-	18	15	14	16	20	7	0.39756	0.424845	0.373084	0.548505
lincRNA	-	0	1	1	2	2	2	0	0.088167	0.082955	0.213431
antisense	-	3	1	2	1	1	1	0.18781	0.08028	0.151069	0.097169
sense_intrc	-	2	3	1	7	5	5	0.023294	0.044806	0.014053	0.126542
antisense	-	0	2	0	0	0	0	0	0.216684	0	0
antisense	-	2	5	2	0	3	1	0.195783	0.62766	0.236223	0
lincRNA	-	10	7	9	11	12	5	0.434972	0.390453	0.472337	0.742651
lincRNA	-	3	0	1	0	0	0	0.246357	0	0.099081	0
antisense	-	0	3	0	1	3	0	0	0.250541	0	0.101083
antisense	-	5	7	6	0	0	0	0.179793	0.322783	0.260317	0
lincRNA	-	1	4	1	2	1	0	0.014535	0.074556	0.017537	0.045121
pseudogen	-	0	0	0	0	1	0	0	0	0	0
processed_	-	2	0	4	3	11	2	0.044488	0	0.107354	0.103577
sense_intrc	-	2	0	2	8	2	4	0.271041	0	0.327026	1.68277
lincRNA	-	6	0	1	1	0	1	0.115256	0	0.023177	0.029816
pseudogen	-	0	1	0	0	0	0	0	0.141816	0	0
antisense	-	0	0	0	1	0	0	0	0	0	0.109443
lincRNA	-	5	4	3	26	30	6	0.084487	0.086674	0.061163	0.681901
pseudogen	-	0	0	1	1	1	0	0	0	0.083077	0.106872

sense_over	-	14	10	8	4	10	19	0.301405	0.276078	0.207807	0.133664
pseudogen	-	2	3	2	4	0	4	0.100407	0.193136	0.121147	0.311691
lincRNA	-	3	2	8	0	0	0	0.200671	0.171554	0.645655	0
lincRNA	-	0	0	1	0	0	0	0	0	0.021166	0
lincRNA	-	9	7	5	0	2	2	0.142187	0.141816	0.095309	0
pseudogen	-	0	0	1	0	1	2	0	0	0.085591	0
antisense	-	45	36	28	113	153	73	3.14933	3.230855	2.364349	12.2748
lincRNA	-	0	0	0	1	0	0	0	0	0	0.227437
sense_intrc	-	0	1	0	22	33	24	0	0.01978	0	0.526696
pseudogen	-	0	1	2	2	0	0	0	0.015006	0.028238	0.036326
lincRNA	-	0	0	1	0	0	0	0	0	0.040239	0
antisense	-	0	0	0	71	125	67	0	0	0	3.12039
sense_intrc	-	0	1	1	0	0	0	0	0.138229	0.130059	0
lincRNA	-	0	2	1	35	28	10	0	0.076598	0.036035	1.62248
pseudogen	solute_carr	23	17	17	13	36	56	2.008325	1.90355	1.791031	1.761895
processed_	-	6	1	1	0	3	0	0.064321	0.013747	0.012935	0
antisense	-	1	0	0	0	2	0	0.065216	0	0	0
pseudogen	-	0	0	0	2	0	0	0	0	0	0.224283
antisense	-	0	1	3	1	2	6	0	0.023145	0.06533	0.028014
lincRNA	-	0	2	0	0	0	0	0	0.08988	0	0
antisense	long_interg	0	0	0	0	1	2	0	0	0	0
antisense	-	1	1	1	0	0	0	0.012297	0.01577	0.014838	0
sense_over	-	6	3	10	9	6	5	0.179655	0.115191	0.361274	0.418275
antisense	-	2	1	3	4	4	0	0.122749	0.078704	0.222155	0.381046
pseudogen	-	3	0	0	1	1	4	0.318258	0	0	0.16466
lincRNA	-	45	37	50	35	54	20	3.801893	4.008653	5.096892	4.589717
sense_intrc	-	19	19	24	9	11	20	0.87003	1.11569	1.325988	0.639666
lincRNA	-	0	0	0	1	3	2	0	0	0	0.085724
lincRNA	-	0	0	0	2	5	1	0	0	0	0.044109
pseudogen	-	0	0	0	0	1	0	0	0	0	0
sense_over	-	34	27	27	21	22	14	0.865505	0.881381	0.829283	0.829737
antisense	-	2	2	3	4	6	6	0.18756	0.240519	0.339453	0.582238
processed_	-	10	12	17	13	14	23	0.162756	0.250454	0.333837	0.328406
pseudogen	-	0	1	1	33	44	20	0	0.028323	0.026649	1.131292
lincRNA	-	2	1	1	0	2	1	0.034276	0.021977	0.020678	0
lincRNA	hsa-mir-94	9	13	8	12	10	25	0.777183	1.439572	0.833525	1.608393
pseudogen	Rho_GTPas	7	6	1	2	9	2	0.169453	0.186256	0.029208	0.075147
pseudogen	-	1	1	2	3	0	2	0.025539	0.03275	0.061629	0.118921
pseudogen	-	1	0	0	0	0	0	0.040562	0	0	0
lincRNA	-	0	0	0	0	0	2	0	0	0	0
lincRNA	-	10	4	7	0	2	3	0.345797	0.177374	0.292056	0
antisense	-	3	1	0	1	3	1	0.099413	0.042495	0	0.051434
lincRNA	-	1	3	4	0	1	0	0.012288	0.047272	0.059303	0
antisense	-	107	68	70	17	38	18	2.793559	2.276629	2.205059	0.688896
pseudogen	-	0	0	2	0	0	0	0	0	0.379701	0
antisense	-	2	2	4	6	4	12	0.173667	0.222703	0.419078	0.808664
antisense	-	0	0	0	3	4	5	0	0	0	0.388504
pseudogen	-	0	0	2	2	0	2	0	0	0.078686	0.101224
antisense	-	1	0	6	1	2	0	0.033613	0	0.243336	0.052172
lincRNA	-	0	0	0	15	11	7	0	0	0	0.237584
processed_	-	1	2	0	2	1	1	0.06066	0.155575	0	0.188305
lincRNA	-	368	214	262	73	105	270	5.481425	4.087604	4.708635	1.687715
lincRNA	-	17	10	5	17	42	15	0.419763	0.316639	0.148961	0.651531
antisense	-	16	7	9	20	32	20	0.496191	0.278379	0.336759	0.962696
lincRNA	-	467	333	349	139	221	100	5.876983	5.373919	5.299209	2.715081
lincRNA	-	1	4	7	7	4	5	0.083286	0.42721	0.703425	0.9049
lincRNA	-	4	0	4	0	1	0	0.266043	0	0.320996	0
processed_	-	3	4	7	4	2	6	0.421168	0.720117	1.185714	0.871614
sense_intrc	-	0	0	0	1	0	0	0	0	0	0.029347
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	uracil-DNA	0	2	0	0	0	0	0	0.095368	0	0
sense_over	-	285	248	217	564	677	425	2.699183	3.011955	2.479678	8.290812
pseudogen	high_mobil	0	0	0	0	1	0	0	0	0	0
antisense	-	0	0	1	2	1	10	0	0	0.089945	0.231414
sense_intrc	-	8	5	4	5	6	2	0.083657	0.067049	0.050469	0.081155

antisense	-	1	0	0	0	0	0	0.031407	0	0	0
processed_	-	64	53	49	65	71	62	4.274873	4.539714	3.949002	6.73887
lincRNA	-	0	0	0	2029	2909	2368	0	0	0	110.4489
lincRNA	-	18	14	9	7	11	4	0.543477	0.542059	0.327868	0.328048
lincRNA	-	0	0	0	0	3	0	0	0	0	0
sense_over	-	47	31	38	7	12	13	0.713676	0.603635	0.696201	0.16498
antisense	FBXL19_an	107	79	82	17	33	45	1.269864	1.202292	1.174182	0.31315
antisense	-	32	36	33	41	42	34	2.61864	3.777788	3.258275	5.20763
antisense	-	21	6	11	5	6	7	0.283609	0.103911	0.179243	0.10481
pseudogen	-	0	0	0	4	7	12	0	0	0	0.326001
sense_intrc	-	0	2	0	0	0	0	0	0.029789	0	0
pseudogen	-	0	1	0	3	0	1	0	0.168431	0	0.611595
antisense	-	1	0	0	0	2	0	0.142091	0	0	0
lincRNA	-	5	1	4	0	0	2	0.124443	0.031916	0.120118	0
sense_over	-	0	0	0	0	5	1	0	0	0	0
antisense	-	27	24	17	12	14	6	0.531276	0.605588	0.403602	0.366495
lincRNA	-	1	2	6	5	4	1	0.05943	0.15242	0.430232	0.461215
lincRNA	-	3	2	0	2	0	0	0.094157	0.080495	0	0.097429
lincRNA	-	2	6	3	1	3	0	0.252776	0.97245	0.457484	0.196172
antisense	-	2	1	5	0	2	2	0.059885	0.038397	0.180637	0
lincRNA	-	1	0	2	0	0	0	0.043457	0	0.104867	0
pseudogen	-	1	0	1	0	6	0	0.107055	0	0.129168	0
processed_	-	24	29	28	17	19	6	2.193685	3.39915	3.087942	2.411806
antisense	-	2	1	4	2	0	5	0.20387	0.130717	0.491961	0.316434
lincRNA	-	4	2	4	6	5	0	0.301544	0.193343	0.36383	0.702056
lincRNA	-	0	2	6	0	0	2	0	0.05422	0.153045	0
processed_	ADPGK_ant	3	3	6	2	6	5	0.051527	0.066077	0.124342	0.053319
lincRNA	-	0	0	0	1	0	0	0	0	0	0.082423
lincRNA	-	0	0	0	0	1	0	0	0	0	0
sense_over	-	0	0	0	149	162	79	0	0	0	2.498086
lincRNA	-	0	1	0	0	0	0	0	0.160346	0	0
lincRNA	-	1	4	3	4	3	1	0.055821	0.286332	0.202055	0.34657
pseudogen	-	0	0	0	6	2	3	0	0	0	0.237325
pseudogen	-	0	0	1	0	0	0	0	0	0.14215	0
lincRNA	long_interg	45	31	43	0	1	1	0.905213	0.799667	1.043649	0
lincRNA	-	2	1	2	0	4	0	0.203427	0.130433	0.245447	0
sense_over	-	5	8	4	74	76	69	0.119313	0.244803	0.115166	2.740817
protein_co	cell_cycle_	211	167	171	40	41	35	1.450278	1.471955	1.41812	0.426736
sense_over	-	186	147	180	59	76	58	2.058424	2.086165	2.403491	1.013455
sense_over	-	0	0	0	0	1	0	0	0	0	0
antisense	-	0	0	0	1	1	2	0	0	0	0.146144
sense_over	-	87	72	66	54	73	45	1.667797	1.769969	1.526567	1.606749
antisense	-	2	0	0	0	0	0	0.143834	0	0	0
processed_	-	3	1	0	0	2	3	0.068419	0.029246	0	0
antisense	-	26	12	31	60	61	70	0.847803	0.501779	1.219639	3.036709
antisense	-	4	3	5	4	6	3	0.325061	0.312633	0.490256	0.504539
lincRNA	-	4	0	3	2	1	1	0.081195	0	0.073475	0.063013
lincRNA	-	6	5	7	0	0	2	0.136706	0.146088	0.192434	0
antisense	-	2	3	6	6	1	3	0.241701	0.464921	0.874879	1.125461
sense_intrc	FTO_intron	2	3	10	0	6	4	0.07668	0.147497	0.462596	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.150683
sense_over	-	3	4	3	4	6	3	0.23445	0.400865	0.282878	0.485199
pseudogen	-	0	0	1	0	0	0	0	0	0.063425	0
sense_over	-	0	1	0	0	0	0	0	0.101571	0	0
sense_over	long_interg	15	21	9	26	44	4	0.447994	0.804284	0.324318	1.205271
antisense	-	86	65	74	53	85	56	1.008135	0.977109	1.046647	0.964332
antisense	-	1	1	0	0	0	0	0.146991	0.188495	0	0
lincRNA	-	18	9	11	17	16	14	0.239235	0.153392	0.176398	0.350696
sense_over	-	13	2	9	20	35	14	0.30132	0.059446	0.251695	0.719523
sense_over	-	4	4	4	5	8	7	0.205884	0.264017	0.248411	0.39945
processed_	-	1	0	1	0	2	0	0.083583	0	0.100848	0
sense_intrc	-	2	1	0	0	2	0	0.232129	0.148836	0	0
lincRNA	-	1	2	0	3	1	0	0.106568	0.273317	0	0.496226
lincRNA	long_interg	0	0	0	0	0	2	0	0	0	0
sense_over	-	20	22	27	63	57	104	0.183415	0.258724	0.298756	0.896759

lincRNA	-	2	2	3	1	0	0	0.069364	0.088949	0.125537	0.053831
lincRNA	-	3	1	3	5	2	3	0.057113	0.024413	0.06891	0.147746
lincRNA	-	2	2	0	1	2	7	0.219625	0.281638	0	0.170444
lincRNA	-	0	0	2	5	6	2	0	0	0.058597	0.188451
antisense	-	1	0	2	4	4	1	0.09668	0	0.233301	0.600246
pseudogen	-	0	0	0	0	1	0	0	0	0	0
antisense	DOCK9_ant	8	9	3	9	7	3	0.464833	0.670593	0.210318	0.811671
lincRNA	-	0	0	0	1	0	0	0	0	0	0.029926
sense_over	-	1	0	0	2	1	2	0.025291	0	0	0.078511
sense_over	-	0	0	0	1	0	0	0	0	0	0.038085
antisense	-	0	0	1	0	0	0	0	0	0.11115	0
antisense	-	6	4	4	1	4	2	0.341847	0.292247	0.274972	0.088432
sense_over	-	0	1	0	0	0	0	0	0.011592	0	0
lincRNA	-	20	13	18	32	42	37	0.40845	0.340456	0.443536	1.014353
processed_	-	9	5	5	13	19	22	0.192347	0.137032	0.128932	0.431239
lincRNA	-	0	0	0	1	0	3	0	0	0	0.091547
lincRNA	-	1	0	0	0	0	0	0.105847	0	0	0
sense_over	-	12	11	13	15	36	18	0.213541	0.251016	0.27912	0.414306
antisense	-	0	2	0	0	0	0	0	0.060432	0	0
lincRNA	-	4	0	3	1	0	1	0.137105	0	0.124069	0.053202
lincRNA	-	5	6	2	2	3	1	0.369213	0.568156	0.178191	0.229228
sense_over	-	44	44	37	0	0	0	0.41288	0.52946	0.41891	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
antisense	-	4	5	2	8	2	0	0.158412	0.253927	0.095567	0.491755
lincRNA	-	0	1	1	0	0	0	0	0.116305	0.10943	0
lincRNA	-	3	1	6	0	0	0	0.259539	0.110941	0.626297	0
processed_	-	21	10	17	2	2	4	1.563001	0.954441	1.526641	0.231047
pseudogen	-	0	0	0	0	4	1	0	0	0	0
antisense	-	2	1	2	1	0	1	0.333737	0.213985	0.402673	0.259003
sense_over	-	72	72	71	14	20	15	1.135199	1.455731	1.350659	0.342608
sense_over	-	7	14	5	7	0	2	0.156673	0.401822	0.135025	0.243178
protein_co	sulfotransf	0	2	0	1	0	2	0	0.050764	0	0.030722
antisense	-	1	2	3	0	0	1	0.018302	0.04694	0.066248	0
lincRNA	-	0	0	0	6	6	1	0	0	0	0.231169
pseudogen	-	24	14	17	1	2	4	0.717247	0.536531	0.612991	0.046386
processed_	-	0	1	0	0	0	0	0	0.117902	0	0
sense_intrc	-	144	90	102	81	100	151	9.430395	7.558215	8.059639	8.233469
sense_over	-	5	3	4	2	0	0	0.092962	0.071526	0.089731	0.057716
lincRNA	-	13	7	10	1	1	1	1.122597	0.775154	1.041906	0.134033
processed_	-	4	6	7	3	9	7	0.035415	0.068123	0.074779	0.041227
lincRNA	-	0	0	2	54	73	14	0	0	0.05596	1.943674
lincRNA	-	64	72	84	199	168	230	2.427962	3.502707	3.844937	11.71778
lincRNA	-	3	2	0	1	0	0	0.142091	0.121474	0	0.073515
antisense	-	25	23	15	13	10	13	1.121771	1.323431	0.812089	0.905395
pseudogen	-	3	3	6	5	6	5	0.154582	0.19823	0.373025	0.399889
lincRNA	-	2	3	3	8	3	7	0.039653	0.076275	0.071766	0.24619
lincRNA	-	0	1	1	0	0	0	0	0.039742	0.037393	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.075031
lincRNA	-	1	2	2	0	0	0	0.026477	0.067905	0.063891	0
lincRNA	-	13	21	13	52	37	12	0.215777	0.446983	0.260347	1.339664
lincRNA	-	106	90	91	144	185	99	2.611845	2.843763	2.705397	5.507247
pseudogen	-	1	0	1	5	1	0	0.045569	0	0.054981	0.353643
sense_over	-	32	40	28	30	35	38	0.752875	1.20682	0.794839	1.095531
sense_over	-	9	11	1	13	9	2	0.168333	0.263832	0.022567	0.377398
lincRNA	-	16	28	29	27	22	46	0.181217	0.406675	0.396302	0.474651
sense_over	-	23	16	19	5	2	4	1.656637	1.477844	1.651205	0.558985
pseudogen	ATP_synth	0	0	0	2	2	0	0	0	0	0.547217
antisense	-	3	3	3	0	0	0	0.248534	0.318709	0.29987	0
lincRNA	-	0	0	0	8	10	1	0	0	0	0.177891
processed_	-	7	5	3	2	3	0	0.597869	0.54763	0.309156	0.265136
antisense	-	27	15	28	21	18	16	1.892422	1.348202	2.367884	2.284568
sense_intrc	-	2	0	3	1	1	0	0.134163	0	0.242813	0.10412
protein_co	transmemb	10	5	11	729	952	640	0.044412	0.028476	0.058944	5.025239
sense_over	-	8	5	5	30	28	23	0.194061	0.155535	0.146341	1.129536
lincRNA	-	21	10	17	0	1	2	1.211181	0.739604	1.183006	0

processed_	-	9	5	13	6	8	7	0.484512	0.345177	0.844411	0.501353
antisense	-	2	0	0	3	7	2	0.18497	0	0	0.43065
lincRNA	-	0	0	0	5	10	1	0	0	0	0.165785
sense_intrc	-	1	3	0	1	1	0	0.078675	0.302667	0	0.122114
antisense	-	7	4	3	4	2	10	0.65125	0.477221	0.336759	0.577617
processed_	-	4	5	21	2	3	2	0.03616	0.057962	0.229051	0.028062
lincRNA	-	386	301	419	62	96	40	3.922745	3.922642	5.137654	0.977969
sense_intrc	-	2	1	6	3	1	0	0.29215	0.18732	1.057486	0.680185
lincRNA	-	1	1	2	5	4	3	0.042243	0.054171	0.101938	0.327837
antisense	-	12	14	23	21	9	24	0.184667	0.276277	0.427055	0.5016
processed_	-	3	0	2	2	6	1	0.041767	0	0.033596	0.043218
antisense	-	13	7	20	10	12	14	1.32804	0.917012	2.465164	1.585617
antisense	-	6	3	4	2	0	1	0.474435	0.304198	0.381622	0.245463
pseudogen	-	4	4	2	10	10	4	0.050474	0.064725	0.03045	0.195855
pseudogen	-	0	0	2	0	0	1	0	0	1.067462	0
protein_co	Uncharacte	0	1	0	1	0	1	0	0.015667	0	0.018963
lincRNA	-	2	0	3	1	2	4	0.086753	0	0.157009	0.067326
antisense	-	1	1	1	0	0	2	0.050583	0.064865	0.061031	0
lincRNA	-	1	0	0	2	3	3	0.057818	0	0	0.179482
lincRNA	-	0	0	1	0	0	0	0	0	0.111369	0
lincRNA	-	0	0	0	3	1	2	0	0	0	0.151205
sense_over	-	45	39	30	51	55	61	0.607559	0.675227	0.488703	1.06875
sense_over	-	3	4	3	2	3	3	0.091582	0.156588	0.110499	0.094765
processed_	-	1	0	1	0	0	0	0.08169	0	0.098564	0
processed_	-	27	23	26	19	36	38	2.149457	2.348023	2.497391	2.347736
antisense	-	2	3	0	2	13	7	0.181744	0.349592	0	0.282092
processed_	-	3	0	0	18	15	5	0.255764	0	0	2.381884
sense_over	-	342	259	260	2	7	3	2.817355	2.736054	2.584264	0.025573
antisense	-	1	0	0	22	40	27	0.072924	0	0	2.490133
lincRNA	-	0	2	2	0	3	6	0	0.080603	0.075838	0
antisense	-	3	4	2	9	13	11	0.127419	0.217862	0.102492	0.593314
lincRNA	-	1	1	0	0	1	1	0.041313	0.052978	0	0
antisense	-	54	30	31	73	105	35	1.246093	0.887743	0.863111	2.614629
antisense	-	34	31	22	44	49	58	1.795338	2.099126	1.401645	3.606206
antisense	-	1	1	2	0	4	1	0.068353	0.087653	0.164943	0
pseudogen	ubiquitin-c	0	1	0	0	0	0	0	0.130151	0	0
lincRNA	-	0	2	0	0	0	0	0	0.030284	0	0
lincRNA	-	3	1	1	8	13	4	0.096152	0.0411	0.038671	0.397976
lincRNA	-	0	0	0	1	0	0	0	0	0	0.168083
antisense	-	12	15	13	8	11	6	0.995894	1.596366	1.301737	1.03051
protein_co	C-type_lect	0	0	0	0	0	1	0	0	0	0
lincRNA	-	7	7	6	11	7	4	0.098716	0.126589	0.102091	0.240775
sense_over	-	2	2	0	2	2	1	0.264915	0.339716	0	0.411185
lincRNA	-	1	3	3	0	0	0	0.033255	0.127936	0.120373	0
processed_	-	1	0	0	0	2	0	0.014366	0	0	0
antisense	-	1	0	4	4	8	10	0.122109	0	0.589328	0.758123
lincRNA	-	0	1	0	0	1	1	0	0.079537	0	0
lincRNA	-	26	14	12	12	7	8	1.795494	1.23979	0.999862	1.286241
protein_co	zinc_finger	932	643	730	584	835	466	10.91173	9.653797	10.31214	10.61259
lincRNA	-	0	0	1	0	0	0	0	0	0.016197	0
sense_intrc	-	1	0	0	8	14	7	0.016321	0	0	0.202659
lincRNA	-	2	0	0	0	0	3	0.12372	0	0	0
lincRNA	-	0	0	0	0	0	1	0	0	0	0
antisense	-	1	0	1	9	13	6	0.056562	0	0.068245	0.790131
antisense	-	0	8	7	5	6	9	0	0.987758	0.8132	0.747226
antisense	-	1	1	2	0	1	0	0.102829	0.131864	0.248138	0
lincRNA	-	0	0	0	2	2	1	0	0	0	0.124304
antisense	-	0	1	3	0	0	4	0	0.054863	0.15486	0
antisense	-	0	1	0	2	2	0	0	0.100889	0	0.244228
lincRNA	-	0	0	0	0	0	1	0	0	0	0
protein_co	golgin_A8_	0	0	0	2	4	0	0	0	0	0.076772
processed_	-	0	0	0	1	2	1	0	0	0	0.153221
antisense	-	0	0	0	0	1	0	0	0	0	0
antisense	-	4	5	4	14	4	11	0.128202	0.205502	0.154684	0.696457
lincRNA	-	0	1	3	2	6	9	0	0.229503	0.647811	0.555571

antisense	-	32	9	16	2	2	3	1.245212	0.449102	0.75121	0.120796
sense_over	-	41	27	30	19	11	11	0.379414	0.320407	0.334965	0.272906
lincRNA	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	1	1	5	4	2	0	0.075162	0.070719	0.454874
antisense	-	0	1	3	6	4	2	0	0.127124	0.35883	0.923211
antisense	-	3	1	1	2	1	3	0.321165	0.137283	0.129168	0.332328
sense_intrc	-	4	6	4	5	3	6	0.31208	0.600297	0.376542	0.605489
protein_co	mucin_22	1	0	0	0	0	0	0.00779	0	0	0
processed_	-	0	0	0	0	0	1	0	0	0	0
pseudogen	unc-51-like	0	3	0	6	3	2	0	0.206159	0	0.499061
lincRNA	-	0	0	0	6	11	9	0	0	0	0.219437
antisense	-	3	7	7	2	5	2	0.046921	0.140396	0.132098	0.048552
sense_intrc	-	4	2	1	0	0	0	0.367765	0.235803	0.110932	0
sense_over	-	0	0	0	0	0	1	0	0	0	0
antisense	-	3	0	0	0	1	0	0.280219	0	0	0
antisense	-	409	324	363	0	0	1	29.41414	29.88045	31.49833	0
lincRNA	-	1	0	0	0	0	0	0.039042	0	0	0
antisense	-	3	3	2	2	1	1	0.138183	0.1772	0.11115	0.142986
sense_over	-	0	0	0	3	1	2	0	0	0	0.26086
pseudogen	-	90	67	57	244	419	145	2.156414	2.058608	1.64783	9.074232
lincRNA	-	0	0	0	0	1	1	0	0	0	0
lincRNA	-	41	20	37	8	10	7	0.623578	0.390073	0.678979	0.188854
antisense	-	0	0	0	3	2	5	0	0	0	0.158332
sense_over	-	0	0	0	0	1	0	0	0	0	0
pseudogen	La_ribonuc	0	0	0	2	1	0	0	0	0	0.066862
sense_over	-	26	26	17	28	54	80	0.224602	0.28802	0.177189	0.37543
lincRNA	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	88	126	101	60	54	13	0.757958	1.391689	1.049619	0.802129
antisense	-	26	15	18	0	0	0	0.928515	0.686936	0.775597	0
antisense	-	1	8	1	0	0	1	0.069057	0.708451	0.083322	0
pseudogen	-	6	8	3	0	0	0	0.569514	0.973762	0.343576	0
pseudogen	CD24_mole	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	2	1	1	0	0	0	0.062182	0.029253	0.037632
antisense	-	5	0	2	2	5	7	0.136546	0	0.0659	0.084776
pseudogen	eukaryotic_	0	0	0	2	0	0	0	0	0	0.081092
antisense	-	15	10	18	10	16	5	0.923032	0.789105	1.336429	0.955116
sense_over	-	32	39	40	9	16	23	0.733373	1.146169	1.10607	0.320146
lincRNA	-	1	0	0	0	0	0	0.020566	0	0	0
lincRNA	-	0	1	0	1	3	3	0	0.121474	0	0.14703
sense_intrc	-	3	7	7	17	44	19	0.088751	0.265557	0.24986	0.780604
lincRNA	-	0	0	0	2	0	1	0	0	0	0.274641
pseudogen	-	12	11	10	8	14	7	1.225883	1.441019	1.232582	1.268493
antisense	-	6	5	6	12	5	7	0.260983	0.278895	0.314891	0.810165
lincRNA	-	27	13	13	10	14	5	3.701843	2.285636	2.150531	2.128064
sense_over	-	25	35	35	21	21	13	0.318893	0.572509	0.538668	0.415771
lincRNA	-	1	0	0	0	0	1	0.066605	0	0	0
protein_co	chromosor	0	0	0	1	1	1	0	0	0	0.066466
antisense	-	7	7	10	4	3	5	0.117351	0.150486	0.202272	0.104083
antisense	MANEA_ant	8	4	5	3	2	2	0.165397	0.106049	0.124726	0.09627
antisense	-	8	2	9	1	1	2	0.431173	0.138229	0.585264	0.083655
sense_over	-	15	12	12	12	19	4	1.048212	1.075347	1.011783	1.301576
antisense	-	56	42	55	37	47	102	1.497913	1.440645	1.775044	1.53614
sense_over	-	1	0	1	1	0	1	0.029417	0	0.035493	0.045659
pseudogen	-	0	1	0	0	0	0	0	0.047646	0	0
pseudogen	-	9	7	6	7	6	12	0.394771	0.39374	0.317543	0.476575
lincRNA	-	5	0	1	0	0	0	0.228509	0	0.055142	0
sense_intrc	-	0	0	0	0	3	0	0	0	0	0
lincRNA	-	16	9	5	7	15	27	0.940151	0.678156	0.354483	0.638419
lincRNA	-	0	3	1	2	3	3	0	0.233665	0.073284	0.188549
lincRNA	-	0	2	0	0	0	0	0	0.159707	0	0
antisense	-	0	0	0	0	0	2	0	0	0	0
antisense	-	2	1	2	0	1	0	0.173989	0.111558	0.209928	0
pseudogen	-	0	0	0	3	3	3	0	0	0	0.802718
antisense	-	0	0	0	0	1	3	0	0	0	0
antisense	-	5	0	0	1	4	2	0.500962	0	0	0.155512

pseudogen	-	2	4	1	1	1	0	0.130978	0.335921	0.079016	0.101648
lincRNA	-	1	3	0	0	0	4	0.012198	0.046928	0	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.12746
processed_	-	0	1	0	1	2	3	0	0.062246	0	0.075341
processed_	-	0	0	1	0	0	0	0	0	0.12299	0
processed_	TEN1-CDK3	3	8	6	7	12	14	0.036097	0.123438	0.087106	0.130731
sense_over	-	4	0	4	72	117	150	0.037542	0	0.045297	1.048868
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	4	2	1	2	3	1	0.519557	0.333129	0.156719	0.403212
antisense	-	3	3	2	10	20	12	0.085984	0.110262	0.069163	0.444864
3prime_ov	-	0	0	0	0	2	0	0	0	0	0
lincRNA	-	7	6	4	3	3	13	0.141174	0.155174	0.097334	0.093909
pseudogen	ATP_syntha	0	0	0	1	0	0	0	0	0	0.095763
lincRNA	-	50	30	27	2	0	1	1.057988	0.814032	0.689322	0.065686
sense_intrc	-	20	22	18	0	0	0	0.229347	0.323516	0.249048	0
protein_co	-	2	0	0	0	0	0	0.115921	0	0	0
antisense	-	10	14	14	12	13	19	0.166572	0.299047	0.28137	0.310251
sense_intrc	-	0	0	2	2	0	0	0	0	0.36857	0.474136
antisense	-	0	0	0	1	2	1	0	0	0	0.389197
lincRNA	-	1	1	1	2	0	2	0.086673	0.111146	0.104576	0.269057
sense_over	-	0	1	1	1	1	1	0	0.106613	0.100311	0.129042
lincRNA	microRNA_	0	0	0	1	1	0	0	0	0	0.036832
processed_	-	0	0	0	1	0	0	0	0	0	0.090975
antisense	-	0	0	0	44	45	30	0	0	0	1.466931
sense_over	-	10	1	6	1	0	0	0.383088	0.049126	0.277331	0.059461
antisense	-	0	0	0	2	0	0	0	0	0	0.076409
antisense	-	2	0	1	6	4	4	0.084563	0	0.051015	0.393759
antisense	-	2	1	5	7	4	1	0.060778	0.038969	0.18333	0.330174
lincRNA	-	1	1	4	0	1	0	0.048591	0.062311	0.23451	0
antisense	-	0	2	0	0	0	0	0	0.187612	0	0
antisense	-	1	0	0	0	0	0	0.047268	0	0	0
sense_over	-	3	0	2	1	0	1	0.03031	0	0.024381	0.015682
lincRNA	-	253	212	257	152	207	142	6.102456	6.557365	7.479375	5.690602
lincRNA	-	0	0	1	0	0	0	0	0	0.20278	0
lincRNA	-	54	41	26	23	34	28	1.435409	1.397575	0.833879	0.948943
pseudogen	-	0	0	0	0	0	1	0	0	0	0
antisense	-	3	0	5	7	2	10	0.044686	0	0.089859	0.161836
pseudogen	ubiquitin-c	1	2	2	3	4	4	0.085255	0.218654	0.205729	0.396981
lincRNA	-	0	0	0	0	1	2	0	0	0	0
lincRNA	-	1	0	0	0	0	0	0.071045	0	0	0
sense_over	-	6	8	6	3	1	3	0.146837	0.251064	0.177168	0.113956
sense_intrc	-	2	1	1	8	16	8	0.175948	0.112814	0.106145	1.09238
antisense	-	3	2	1	0	1	1	0.057794	0.049408	0.023244	0
lincRNA	-	0	0	1	0	0	0	0	0	0.135025	0
lincRNA	-	31	29	31	27	31	5	3.237395	3.883662	3.906104	4.376514
sense_intrc	-	8	5	4	11	5	2	0.440282	0.352874	0.265613	0.939645
lincRNA	-	1	0	0	0	0	0	0.084183	0	0	0
antisense	-	0	0	0	0	1	3	0	0	0	0
antisense	PAN3_antis	22	22	17	4	13	12	0.763568	0.979168	0.711905	0.215484
processed_	-	0	2	0	0	0	0	0	0.091244	0	0
antisense	-	5	4	4	10	11	8	0.121038	0.124171	0.116831	0.375735
lincRNA	-	0	0	0	3	1	2	0	0	0	0.856233
sense_over	-	30	20	29	45	34	55	0.400769	0.34262	0.467433	0.933074
sense_over	-	1	0	0	1	0	0	0.029696	0	0	0.046092
lincRNA	-	47	15	28	8	6	2	1.601621	0.655485	1.151246	0.423138
antisense	-	168	110	127	130	135	163	2.535411	2.128831	2.312549	3.04518
lincRNA	-	94	60	58	55	74	48	2.770372	2.267623	2.062463	2.515958
antisense	-	3	3	7	6	16	3	0.181043	0.232161	0.509689	0.562006
protein_co	Uncharacte	0	0	0	2	1	1	0	0	0	0.335391
lincRNA	-	2	1	1	2	0	6	0.049099	0.031482	0.029621	0.076209
antisense	DLGAP1_ar	0	0	1	2	3	5	0	0	0.02181	0.056114
lincRNA	-	3	0	2	4	6	0	0.253917	0	0.204244	0.525486
pseudogen	ATP-bindin	0	1	1	0	0	0	0	0.027761	0.02612	0
lincRNA	-	6	3	4	8	12	5	0.218432	0.140054	0.1757	0.452048
pseudogen	-	1	0	0	0	0	4	0.064945	0	0	0

pseudogen	-	3	1	1	0	5	3	0.19376	0.082823	0.077928	0
sense_intrc	-	4	4	0	2	1	2	0.117006	0.150043	0	0.090804
sense_over	-	6	6	6	5	5	8	0.130009	0.166718	0.156864	0.16816
sense_over	-	52	45	72	2	4	1	0.645219	0.71602	1.077914	0.038518
sense_intrc	-	2	0	0	0	0	0	0.11826	0	0	0
lincRNA	-	9	1	3	8	13	13	0.205458	0.029274	0.082632	0.283466
antisense	-	3	0	0	0	0	0	0.253917	0	0	0
sense_intrc	-	1	2	0	0	0	0	0.109556	0.28098	0	0
antisense	-	2	3	1	1	8	5	0.044551	0.085696	0.026877	0.034575
pseudogen	-	0	0	0	2	2	0	0	0	0	0.20022
antisense	-	5	5	8	0	0	0	0.50528	0.64795	0.97544	0
processed_	-	11	12	14	3	0	6	0.124949	0.174796	0.191874	0.052892
pseudogen	-	0	0	0	1	0	0	0	0	0	0.121705
lincRNA	-	0	0	1	0	0	0	0	0	0.034185	0
pseudogen	-	116	107	108	127	140	80	2.067367	2.445416	2.32237	3.513126
pseudogen	-	1	5	0	1	3	5	0.031661	0.203004	0	0.049142
sense_intrc	-	10	9	18	6	21	15	0.313646	0.361985	0.681177	0.292093
pseudogen	-	0	0	0	0	0	1	0	0	0	0
protein_co	Uncharacte	0	1	3	0	3	2	0	0.208062	0.587289	0
lincRNA	-	10	0	2	7	15	15	0.290341	0	0.070063	0.315454
antisense	-	1	0	0	1	5	1	0.098924	0	0	0.153544
sense_intrc	-	2	3	3	6	9	1	0.049593	0.095394	0.089755	0.230925
sense_intrc	-	1	5	5	2	6	4	0.111643	0.715831	0.673518	0.34657
pseudogen	-	2	1	0	2	2	4	0.190998	0.122464	0	0.296455
sense_over	-	302	256	278	38	49	51	3.37805	3.672049	3.751906	0.659741
pseudogen	-	2	1	0	0	0	0	0.129352	0.082938	0	0
antisense	-	3	2	7	0	1	5	0.265917	0.227334	0.748636	0
lincRNA	-	15	14	19	9	12	7	0.407976	0.488293	0.623512	0.379941
processed_	-	76	52	58	169	254	136	1.701834	1.493195	1.567039	5.873823
pseudogen	-	3	3	0	5	5	6	0.543128	0.696484	0	1.405015
lincRNA	-	26	29	19	36	15	41	0.25346	0.362529	0.223479	0.544714
processed_	-	1	2	3	0	2	0	0.091404	0.234424	0.330851	0
protein_co	trophoblas	24	12	16	11	31	13	0.402922	0.258345	0.324099	0.286637
antisense	-	0	0	3	0	0	0	0	0	0.079871	0
sense_intrc	-	13	5	12	6	5	4	0.922194	0.45484	1.027089	0.660634
sense_over	-	22	27	26	14	18	23	0.251974	0.396557	0.359297	0.248881
protein_co	protease_s	0	0	0	3	5	0	0	0	0	0.222342
antisense	-	22	25	20	12	14	16	0.48545	0.707409	0.532475	0.410992
processed_	-	0	0	0	0	0	2	0	0	0	0
lincRNA	microRNA_	235	217	215	643	791	559	1.446843	1.713257	1.597129	6.144618
lincRNA	-	0	1	1	1	5	4	0	0.033743	0.031748	0.040842
antisense	-	0	1	2	0	0	1	0	0.03005	0.056547	0
pseudogen	Y_box_binc	1	1	0	0	1	0	0.043018	0.055165	0	0
antisense	-	20	7	17	4	5	3	0.350318	0.157231	0.359277	0.108748
lincRNA	-	0	0	0	0	3	0	0	0	0	0
pseudogen	high_mobil	1	1	3	2	1	4	0.113811	0.145946	0.411958	0.3533
lincRNA	-	0	0	0	1	0	0	0	0	0	0.019815
pseudogen	-	0	0	0	3	3	0	0	0	0	0.456777
sense_over	-	3	1	2	4	8	2	0.109556	0.04683	0.088124	0.226728
pseudogen	-	1	0	0	3	0	0	0.142091	0	0	0.661635
antisense	-	0	0	0	3	2	1	0	0	0	0.366341
antisense	-	1	3	4	2	1	4	0.085722	0.32978	0.413715	0.266105
antisense	-	0	1	1	0	0	0	0	0.076991	0.07244	0
antisense	-	0	1	0	0	0	0	0	0.108147	0	0
processed_	-	0	0	0	3	3	2	0	0	0	0.09026
pseudogen	-	0	0	0	1	0	0	0	0	0	0.100386
lincRNA	-	0	0	0	3	0	4	0	0	0	0.432355
lincRNA	-	0	2	0	0	0	0	0	0.038483	0	0
sense_over	-	22	10	19	14	19	20	1.198119	0.698372	1.248472	1.183411
antisense	-	1	0	1	0	0	4	0.040774	0	0.049196	0
lincRNA	-	0	1	0	0	0	0	0	0.02722	0	0
pseudogen	golgin_A6_	1	6	0	0	3	0	0.023634	0.181844	0	0
protein_co	uncharacte	10	7	8	5	8	2	0.64321	0.577378	0.620856	0.499176
lincRNA	-	1	0	0	0	0	0	0.041532	0	0	0
sense_over	-	5	10	4	11	3	4	0.039173	0.100467	0.037812	0.133764

sense_over	-	9	13	3	4	5	2	0.214982	0.398211	0.086463	0.148303
processed_	-	0	1	3	2	0	0	0	0.112814	0.318436	0.273095
sense_over	-	19	6	12	71	97	93	0.272783	0.110465	0.207871	1.58217
processed_	-	28	10	18	2	2	12	0.384682	0.176179	0.298377	0.042649
sense_over	-	15	9	18	0	2	5	0.51755	0.398211	0.749344	0
antisense	-	17	12	16	19	38	32	1.011587	0.915682	1.148741	1.754843
pseudogen	tubulin_alp	1	0	0	0	0	0	0.112716	0	0	0
protein_co	Uncharacte	0	0	0	5	10	4	0	0	0	0.368319
antisense	-	4	2	3	4	6	1	0.048806	0.031293	0.044165	0.075753
antisense	-	5	3	6	8	9	16	0.404922	0.311553	0.586275	1.005593
lincRNA	-	0	0	0	1	2	0	0	0	0	0.015832
lincRNA	-	0	0	2	0	0	0	0	0	0.127854	0
lincRNA	-	1	2	0	1	3	0	0.119923	0.307569	0	0.186138
sense_over	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.169255
lincRNA	-	198	180	205	83	91	51	2.698118	3.145412	3.370526	1.755514
antisense	-	0	1	0	0	0	0	0	0.113026	0	0
antisense	-	47	45	34	57	72	52	2.271991	2.789527	1.983059	4.276751
sense_intrc	-	0	1	1	3	1	3	0	0.144891	0.136327	0.526119
antisense	-	0	0	0	3	4	3	0	0	0	0.064655
lincRNA	-	0	0	0	1	0	0	0	0	0	0.049883
processed_	-	0	0	1	0	0	0	0	0	0.032931	0
protein_co	haptoglobi	2	2	0	0	1	0	0.075386	0.096672	0	0
lincRNA	-	48	50	49	77	100	53	2.953702	3.945525	3.638057	7.354389
antisense	-	0	0	0	3	3	1	0	0	0	0.272924
lincRNA	-	14	13	17	1	0	1	1.240946	1.47767	1.818116	0.13758
pseudogen	-	1	1	0	1	2	1	0.100622	0.129034	0	0.15618
sense_over	-	107	68	94	86	111	102	1.108291	0.903209	1.174751	1.382607
processed_	-	3	2	2	9	2	8	0.224354	0.191802	0.180464	1.044686
lincRNA	-	0	0	0	1	0	0	0	0	0	0.032448
lincRNA	-	0	0	1	0	0	0	0	0	0.062792	0
antisense	-	4	1	2	7	14	15	0.425306	0.136349	0.256578	1.155235
protein_co	-	16	13	16	16	16	24	0.140864	0.146768	0.16996	0.21864
sense_intrc	-	2	0	0	2	0	1	0.158412	0	0	0.245878
antisense	-	8	3	12	1	7	3	0.390344	0.18771	0.706458	0.075733
protein_co	golgin_A8_	1	0	0	0	1	0	0.010782	0	0	0
protein_co	BolA-like_p	5	1	3	1	3	5	0.075556	0.019378	0.054698	0.023455
lincRNA	-	5	3	2	1	5	5	0.13321	0.102494	0.06429	0.041352
antisense	-	11	6	4	6	13	3	0.70367	0.492195	0.308734	0.595742
protein_co	Uncharacte	0	0	1	0	0	1	0	0	0.112476	0
lincRNA	-	0	0	0	15	12	22	0	0	0	0.395973
lincRNA	-	4	2	6	3	2	4	0.114366	0.073329	0.206984	0.133134
antisense	-	3	3	2	2	2	0	0.044643	0.057248	0.03591	0.046195
antisense	-	0	0	2	0	0	0	0	0	0.099517	0
lincRNA	-	3	2	0	8	8	9	0.164142	0.140326	0	0.679391
antisense	-	11	3	3	16	19	37	0.239457	0.083746	0.078796	0.540611
pseudogen	keratin_18_	0	0	0	0	1	1	0	0	0	0
sense_intrc	-	0	0	1	0	0	0	0	0	0.132806	0
antisense	-	8	6	11	7	7	7	0.689559	0.663196	1.14399	0.936505
lincRNA	-	5	11	5	2	5	5	0.063953	0.180422	0.077162	0.039705
sense_over	-	0	2	0	2	1	2	0	0.151843	0	0.183787
pseudogen	-	0	2	0	0	0	0	0	0.399534	0	0
lincRNA	-	1	1	2	3	7	7	0.129889	0.166565	0.313438	0.604818
processed_	-	2	3	5	5	3	8	0.063753	0.12263	0.192303	0.247382
pseudogen	-	0	0	0	0	0	1	0	0	0	0
processed_	-	0	2	0	7	12	3	0	0.103227	0	0.437304
processed_	-	2	4	1	3	2	2	0.250749	0.643099	0.151271	0.583795
lincRNA	-	3	3	2	23	22	12	0.027762	0.035601	0.022331	0.33036
protein_co	transcriptic	0	0	0	27	52	17	0	0	0	0.802063
lincRNA	-	0	0	1	1	5	0	0	0	0.086112	0.110776
pseudogen	DNM1_pse	0	0	1	0	0	0	0	0	0.119358	0
protein_co	golgin_A8_	5	11	8	9	10	13	0.12346	0.348303	0.238338	0.344928
lincRNA	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	0	1	0	5	0	0	0	0.189038
antisense	-	0	0	0	1	1	1	0	0	0	0.060853

sense_over	-	95	89	111	75	111	89	1.405221	1.688187	1.981035	1.72192
antisense	LOXL1_anti	155	138	132	111	102	78	3.082253	3.519047	3.167077	3.426021
lincRNA	-	0	0	0	5	3	1	0	0	0	0.504714
processed_	-	0	0	0	0	0	1	0	0	0	0
polymorph	tubulin_be	0	0	0	54	54	57	0	0	0	1.858208
pseudogen	-	0	0	0	2	0	0	0	0	0	0.435807
lincRNA	-	0	0	1	1	0	0	0	0	0.111809	0.143834
lincRNA	-	2	1	0	0	0	0	0.219112	0.14049	0	0
pseudogen	-	13	9	9	9	16	4	0.320489	0.284526	0.267707	0.344384
pseudogen	-	0	0	0	0	2	0	0	0	0	0
antisense	-	0	1	1	10	4	1	0	0.076598	0.072071	0.927131
lincRNA	-	0	3	0	2	1	0	0	0.215005	0	0.173492
lincRNA	long_interg	117	84	138	162	189	118	2.21215	2.036654	3.148153	4.754164
sense_over	-	1	0	0	0	0	2	0.098302	0	0	0
sense_over	-	0	1	0	1	2	0	0	0.100551	0	0.121705
lincRNA	-	0	1	0	0	0	0	0	0.134519	0	0
sense_intrc	-	2	1	0	2	1	0	0.132645	0.085049	0	0.205883
antisense	-	2	5	1	0	4	1	0.229853	0.736885	0.138665	0
antisense	-	7	6	6	11	21	13	0.287417	0.315918	0.297244	0.701031
lincRNA	-	2	0	0	0	1	0	0.04232	0	0	0
lincRNA	-	0	0	0	6	5	2	0	0	0	0.817751
protein_co	melanoma_	2	4	2	0	0	0	0.148386	0.380568	0.179036	0
processed_	-	0	2	0	1	0	2	0	0.219052	0	0.132568
pseudogen	-	2	3	4	6	11	9	0.070671	0.135938	0.170537	0.329072
antisense	-	0	1	1	0	0	0	0	0.089346	0.084065	0
lincRNA	-	0	0	0	0	2	1	0	0	0	0
antisense	-	9	3	3	2	6	1	0.24607	0.105183	0.098966	0.084874
protein_co	-	18	13	13	13	16	15	0.148464	0.1375	0.129372	0.166427
processed_	-	4	0	3	2	3	0	0.474836	0	0.429687	0.368505
lincRNA	-	25	12	23	3	6	11	0.441359	0.271671	0.489923	0.082206
lincRNA	-	8	4	10	4	4	13	0.501498	0.32155	0.756357	0.389197
processed_	-	41	57	62	18	21	43	0.683431	1.218414	1.246954	0.465708
pseudogen	-	0	0	0	1	0	0	0	0	0	0.050193
sense_intrc	-	10	11	1	4	4	3	0.915821	1.291851	0.110499	0.568592
antisense	-	7	1	1	0	3	6	0.104765	0.019192	0.018058	0
lincRNA	-	0	0	0	10	12	5	0	0	0	0.605993
protein_co	protocadhe	26	20	17	6	5	5	0.264743	0.26115	0.208856	0.094827
pseudogen	-	1	0	2	0	3	0	0.37512	0	0.905208	0
protein_co	Homo_sapi	6	3	6	35	42	14	0.149968	0.096156	0.180945	1.357832
antisense	-	4	5	2	0	0	0	0.104549	0.167586	0.063072	0
pseudogen	-	0	0	0	237	322	103	0	0	0	21.7788
pseudogen	-	4	1	1	0	0	0	0.511063	0.163841	0.154157	0
antisense	-	45	44	50	47	99	94	0.97552	1.223167	1.307802	1.581438
antisense	-	3	3	3	5	2	6	0.338964	0.434673	0.40898	0.876865
antisense	-	2	2	3	8	3	6	0.106689	0.136814	0.19309	0.662387
lincRNA	-	5	8	7	2	0	2	0.061246	0.125663	0.103456	0.038025
antisense	DLGAP1_ar	147	118	127	283	301	318	3.048577	3.138132	3.177837	9.109546
protein_co	Uncharacte	3	3	4	0	2	6	0.171549	0.219987	0.275978	0
antisense	-	0	0	0	4	7	0	0	0	0	0.424372
antisense	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	2	0	0	0	0	0	0.189838	0	0	0
sense_intrc	-	1	0	0	0	0	0	0.095112	0	0	0
protein_co	Uncharacte	6	1	0	0	4	0	0.736492	0.157408	0	0
antisense	-	10	8	15	30	46	37	0.237178	0.243317	0.429253	1.104398
antisense	-	0	1	0	3	2	0	0	0.135733	0	0.492865
processed_	-	1	0	0	0	0	0	0.020821	0	0	0
lincRNA	-	1	3	0	1	8	17	0.068154	0.262194	0	0.105785
pseudogen	interleukin	0	0	0	1	0	0	0	0	0	0.058317
pseudogen	olfactory_r	0	0	0	1	5	2	0	0	0	0.073219
sense_over	-	4	9	11	3	9	5	0.037119	0.107098	0.123161	0.04321
lincRNA	-	4	6	1	2	4	1	0.546822	1.051833	0.164943	0.424372
pseudogen	protocadhe	16	7	12	1	8	3	0.319659	0.179339	0.289265	0.03101
processed_	-	1	2	2	1	3	0	0.127419	0.326792	0.307476	0.197771
lincRNA	-	0	0	0	1	0	0	0	0	0	0.182864
antisense	-	2	0	3	0	0	0	0.116497	0	0.21084	0

lincRNA	breast_can	0	1	1	0	0	0	0	0.047235	0.044443	0
sense_intrc	-	0	1	0	2	3	2	0	0.033952	0	0.082191
pseudogen	-	0	0	0	1	0	0	0	0	0	0.218558
antisense	-	2	1	0	0	1	1	0.160308	0.102786	0	0
antisense	-	5	0	3	0	0	1	0.396031	0	0.2867	0
pseudogen	-	2	0	3	0	0	1	0.106447	0	0.192652	0
pseudogen	-	1	0	2	1	2	0	0.298663	0	0.720707	0.463566
antisense	-	14	9	23	6	11	12	2.06434	1.701787	4.091939	1.373204
antisense	-	0	0	0	0	2	0	0	0	0	0
lincRNA	long_interg	0	0	0	4	9	3	0	0	0	0.086003
lincRNA	-	4	0	2	10	8	2	0.100032	0	0.060347	0.388159
processed_	-	8	4	2	4	8	1	0.667474	0.42797	0.201336	0.518006
antisense	-	5	5	4	6	0	5	0.437407	0.560912	0.422205	0.814699
sense_intrc	-	13	15	6	7	13	11	1.376005	2.035998	0.76626	1.150019
lincRNA	-	3	1	2	43	61	45	0.172179	0.073598	0.138496	3.830516
protein_co	oculomedi	21	17	11	16	9	9	1.113903	1.156342	0.703994	1.317281
sense_over	-	5	0	1	1	3	1	0.168185	0	0.040585	0.052209
lincRNA	-	1	0	0	0	1	1	0.030448	0	0	0
lincRNA	-	20	33	24	23	32	16	1.810425	3.830663	2.621259	3.231536
lincRNA	-	0	0	0	3	11	6	0	0	0	0.37323
lincRNA	-	0	0	0	6	9	22	0	0	0	0.685524
protein_co	protocadhe	4	6	1	5	23	8	0.039678	0.076323	0.011969	0.076983
lincRNA	-	0	0	0	1	0	0	0	0	0	0.214058
antisense	-	17	10	6	8	6	7	0.371276	0.280064	0.158106	0.271187
lincRNA	-	12	4	6	0	2	1	0.801539	0.34262	0.483551	0
antisense	-	4	8	10	2	7	3	0.340399	0.873028	1.026779	0.264174
processed_	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	1	1	0	0	0	0	0.19512
protein_co	coronin_7	45	34	36	94	142	63	0.589729	0.571384	0.569234	1.912046
pseudogen	-	2	9	5	2	7	12	0.272616	1.573163	0.822318	0.423138
sense_intrc	-	7	10	13	16	24	28	0.295171	0.540736	0.661404	1.047191
sense_intrc	-	3	2	4	2	3	1	0.350798	0.299899	0.564344	0.362992
lincRNA	-	0	0	0	2	1	0	0	0	0	0.145414
antisense	-	0	0	0	0	1	0	0	0	0	0
antisense	-	2	0	1	0	0	0	0.480923	0	0.290131	0
antisense	-	0	0	2	4	4	5	0	0	0.206104	0.530272
protein_co	transient_r	1	1	1	1	0	0	0.009865	0.012651	0.011903	0.015312
sense_over	-	2	1	0	1	0	0	0.195375	0.12527	0	0.151625
antisense	-	2	0	1	0	3	0	0.189838	0	0.114525	0
antisense	-	2	3	1	7	2	1	0.035084	0.067486	0.021166	0.190594
antisense	-	0	0	0	0	2	0	0	0	0	0
pseudogen	heterogene	12	13	17	10	19	8	0.589194	0.818521	1.007103	0.762092
antisense	-	0	1	0	1	2	0	0	0.14995	0	0.181496
lincRNA	-	0	3	0	1	0	1	0	0.196075	0	0.079108
antisense	-	2	1	1	0	0	1	0.235628	0.15108	0.14215	0
protein_co	double_C2	17	13	18	25	31	5	0.622272	0.610217	0.794972	1.420371
sense_over	-	0	0	0	6	3	7	0	0	0	0.718222
lincRNA	-	0	0	0	3	5	47	0	0	0	0.180894
antisense	-	9	5	5	6	7	3	1.388191	0.988977	0.930518	1.436443
sense_intrc	-	2	0	1	2	1	0	0.186441	0	0.112476	0.289383
pseudogen	-	2	1	2	0	2	1	0.197432	0.126589	0.238213	0
pseudogen	-	0	2	0	1	0	0	0	0.664418	0	0.402098
sense_intrc	-	4	3	4	8	6	3	0.29215	0.28098	0.352495	0.906913
lincRNA	-	1	0	0	0	0	0	0.046796	0	0	0
antisense	-	2	0	2	0	4	8	0.036111	0	0.04357	0
antisense	-	6	9	8	8	9	7	0.578889	1.113515	0.931284	1.198021
lincRNA	-	0	2	0	3	0	0	0	0.163174	0	0.296254
lincRNA	-	18	12	14	2	10	7	1.296498	1.108383	1.216678	0.223594
lincRNA	-	16	8	13	31	31	7	0.358452	0.229832	0.351401	1.077962
pseudogen	trans-golgi_	0	0	0	3	0	0	0	0	0	0.350465
pseudogen	sterile_alpl	0	1	0	0	2	0	0	0.090968	0	0
antisense	-	1	4	0	6	5	1	0.091941	0.471606	0	0.856233
protein_co	uncharacte	1	0	0	3	4	9	0.044361	0	0	0.206565
pseudogen	-	0	1	0	0	0	0	0	0.051791	0	0
pseudogen	-	0	0	0	0	0	2	0	0	0	0

pseudogen	-	0	0	0	6	6	2	0	0	0	0.612453
pseudogen	-	0	0	0	0	2	1	0	0	0	0
pseudogen	-	0	0	0	6	2	6	0	0	0	0.606498
sense_intrc	-	2	2	2	2	1	3	0.079006	0.101314	0.095325	0.122628
pseudogen	-	0	2	0	0	2	1	0	0.248985	0	0
pseudogen	-	0	0	0	2	1	1	0	0	0	0.469547
lincRNA	-	0	0	0	2	1	1	0	0	0	0.320616
antisense	-	3	1	1	2	0	1	0.338964	0.144891	0.136327	0.350746
pseudogen	-	0	0	2	0	0	0	0	0	0.107151	0
protein_co	Uncharacte	0	0	0	0	2	1	0	0	0	0
3prime_ov	-	11	6	3	3	4	2	0.176098	0.123175	0.057947	0.074544
antisense	-	0	0	0	0	1	0	0	0	0	0
protein_co	protocadhe	16	11	20	13	19	9	0.163025	0.143726	0.245874	0.205593
processed_	-	9	1	4	21	39	15	0.095933	0.013669	0.051444	0.347437
pseudogen	-	10	12	11	17	40	7	0.736107	1.132743	0.976971	1.942318
lincRNA	-	2	5	2	3	2	2	0.017792	0.057038	0.021467	0.041423
pseudogen	-	9	5	6	12	15	5	0.735209	0.523779	0.591382	1.521529
processed_	-	38	32	49	32	40	37	2.293205	2.476388	3.567825	2.997366
lincRNA	long_interg	0	0	0	6	6	5	0	0	0	0.37101
processed_	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	1	0	0	1	0	2	0.114366	0	0	0.177512
pseudogen	-	3	2	1	4	5	0	0.541039	0.462537	0.217598	1.119689
sense_intrc	-	5	8	14	2	7	2	0.394697	0.809829	1.333429	0.24505
3prime_ov	-	1	0	0	2	0	3	0.009382	0	0	0.029124
antisense	-	1	0	0	0	1	1	0.08541	0	0	0
lincRNA	-	6	4	12	15	31	5	0.558214	0.477221	1.347036	2.166066
antisense	-	3	0	2	3	2	2	0.223641	0	0.17989	0.347121
sense_over	-	0	0	0	0	1	0	0	0	0	0
antisense	-	7	0	4	0	1	0	0.605591	0	0.417531	0
lincRNA	-	1	0	0	0	3	1	0.013914	0	0	0
lincRNA	-	13	11	7	5	13	12	1.792854	1.945376	1.16479	1.070291
processed_	-	12	19	12	6	8	2	0.210191	0.426771	0.253607	0.163122
antisense	-	18	10	11	10	11	9	2.900413	2.066316	2.138593	2.501024
antisense	-	0	0	0	2	1	0	0	0	0	0.29706
pseudogen	-	0	3	3	0	0	0	0	0.096517	0.090811	0
antisense	-	17	10	17	30	41	25	0.727973	0.549131	0.878341	1.993967
pseudogen	-	2	1	0	1	0	0	0.157879	0.101229	0	0.122525
sense_intrc	-	12	5	2	3	5	5	0.288702	0.154258	0.058056	0.112026
lincRNA	-	0	0	0	3	4	1	0	0	0	0.101932
lincRNA	-	5	6	3	2	4	0	0.242702	0.373477	0.1757	0.150683
antisense	-	3	1	3	2	2	1	0.02851	0.012187	0.034399	0.029501
processed_	-	16	10	11	1	1	0	1.213981	0.972974	1.007007	0.117767
lincRNA	-	248	206	207	146	154	166	5.519091	5.878851	5.558201	5.043119
sense_intrc	-	11	12	11	8	9	10	0.94989	1.328835	1.146097	1.072262
antisense	-	0	1	0	1	0	0	0	0.099388	0	0.120297
antisense	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	1	1	1	0	0	1	0.026225	0.03363	0.031642	0
antisense	-	12	5	8	2	3	13	0.987158	0.527454	0.794042	0.255368
lincRNA	-	3	0	4	1	0	0	0.074626	0	0.120054	0.03861
lincRNA	-	0	0	1	12	8	8	0	0	0.074052	1.143138
pseudogen	-	0	0	0	0	2	3	0	0	0	0
antisense	-	2	1	0	1	1	0	0.177614	0.113882	0	0.137841
protein_co	mitochond	46	49	39	71	157	96	2.098191	2.866109	2.146347	5.026621
antisense	-	3	1	5	0	2	1	0.274211	0.117212	0.551418	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
3prime_ov	-	7	6	5	2	8	4	0.064752	0.071174	0.055805	0.028716
antisense	-	4	3	4	1	7	4	0.058539	0.056301	0.070631	0.022715
lincRNA	-	0	0	0	0	0	1	0	0	0	0
processed_	-	2	1	2	25	17	17	0.225433	0.144543	0.271998	4.373786
pseudogen	cytochrom	1	3	0	1	0	0	0.15949	0.613569	0	0.24755
lincRNA	-	8	0	2	1	10	0	0.431669	0	0.130208	0.083751
protein_co	uncharacte	0	0	0	98	124	63	0	0	0	5.411548
processed_	-	39	27	23	74	131	61	1.171499	1.040041	0.833592	3.450164
processed_	-	157	131	158	65	103	68	6.810114	7.286775	8.26913	4.376214
processed_	-	0	0	0	0	1	0	0	0	0	0

antisense	-	0	0	0	2	0	0	0	0	0	0.191778
antisense	-	4	2	4	8	9	3	0.073669	0.047235	0.088885	0.228688
sense_overl	-	1	0	0	1	2	0	0.060581	0	0	0.094031
lincRNA	-	0	0	0	1	0	0	0	0	0	0.113541
pseudogen	-	1	0	0	1	0	2	0.075024	0	0	0.116448
antisense	-	50	30	26	15	14	12	2.682495	2.063952	1.683024	1.249081
pseudogen	-	4	2	1	1	0	1	0.15617	0.100133	0.047107	0.060599
antisense	-	0	1	0	0	0	0	0	0.101571	0	0
antisense	-	0	0	1	1	0	1	0	0	0.137653	0.17708
processed_	-	0	1	0	3	0	0	0	0.111974	0	0.406591
pseudogen	arachidona	3	1	2	95	96	100	0.032517	0.0139	0.026156	1.598262
sense_intrc	-	339	251	288	129	175	359	8.304972	7.88536	8.512929	4.905222
lincRNA	-	0	1	0	0	0	0	0	0.089213	0	0
lincRNA	-	0	0	0	4	3	4	0	0	0	0.471067
pseudogen	-	4	3	3	2	0	1	0.346691	0.333437	0.313727	0.269057
antisense	-	0	0	1	2	2	4	0	0	0.009976	0.025667
sense_intrc	-	1	0	0	1	7	3	0.071807	0	0	0.111455
antisense	-	0	0	0	5	6	3	0	0	0	0.159675
protein_co	zinc_finger_	166	141	146	92	99	117	2.398688	2.612728	2.545462	2.063403
lincRNA	-	8	1	1	5	15	10	0.526115	0.084334	0.079349	0.510377
pseudogen	Rho-associa	1	0	4	5	6	4	0.083732	0	0.404111	0.64982
sense_overl	-	2	0	1	2	7	4	0.31053	0	0.187336	0.481985
sense_intrc	-	23	22	28	11	10	16	0.930518	1.141377	1.366794	0.690749
pseudogen	-	0	1	1	8	5	0	0	0.18057	0.169896	1.748464
processed_	-	0	1	2	0	0	0	0	0.099883	0.187958	0
lincRNA	-	17	16	11	8	7	11	1.799391	2.171731	1.404809	1.314308
protein_co	Uncharacte	56	31	36	62	98	85	1.389334	0.986256	1.077629	2.387486
lincRNA	-	0	1	1	4	1	0	0	0.06696	0.063002	0.324186
antisense	-	0	0	2	0	0	0	0	0	0.205729	0
antisense	-	19	17	16	19	21	2	0.244018	0.27998	0.247934	0.37875
antisense	-	91	87	104	115	127	151	2.680271	3.285988	3.695887	5.257335
antisense	-	3	2	2	14	18	12	0.197017	0.168431	0.158475	1.427055
lincRNA	-	0	0	0	22	21	5	0	0	0	0.712258
antisense	-	2	1	1	4	2	8	0.021906	0.014046	0.013215	0.068003
antisense	-	0	0	0	0	0	1	0	0	0	0
antisense	-	3	0	0	3	0	5	0.340605	0	0	0.528667
lincRNA	-	3	1	0	3	16	2	0.442359	0.189087	0	0.686602
pseudogen	-	0	0	0	1	1	0	0	0	0	0.454874
sense_intrc	-	0	2	1	1	1	0	0	0.051044	0.024013	0.030891
3prime_ov	-	1	5	2	2	5	2	0.012002	0.076951	0.028961	0.037256
pseudogen	-	209	147	169	59	92	75	2.088219	1.88346	2.037345	0.914982
lincRNA	-	0	0	0	414	645	438	0	0	0	23.98952
processed_	-	0	1	1	0	0	1	0	0.090421	0.085076	0
antisense	-	0	0	0	1	0	0	0	0	0	0.298278
lincRNA	-	2	2	2	0	0	0	0.188313	0.241485	0.227211	0
antisense	-	5	1	3	1	0	1	0.647652	0.166104	0.468858	0.201049
processed_	-	5	0	3	0	0	0	0.405623	0	0.293644	0
pseudogen	-	0	0	0	0	5	2	0	0	0	0
antisense	ZNF205_an	2	0	2	4	4	1	0.076932	0	0.092823	0.238818
pseudogen	receptor-lil	0	4	5	4	4	2	0	0.138388	0.16276	0.167502
antisense	-	2	3	3	0	3	2	0.183164	0.352323	0.331497	0
pseudogen	ATP_syntha	1	1	0	0	2	0	0.031115	0.0399	0	0
sense_overl	-	2	4	3	4	1	9	0.087809	0.225205	0.15892	0.272584
antisense	-	0	0	0	0	2	0	0	0	0	0
sense_intrc	-	1174	960	1046	485	699	1179	9.265928	9.716311	9.960946	5.941458
processed_	-	0	0	0	2	1	0	0	0	0	0.250965
protein_co	Protein_LO	6	4	4	3	2	0	0.180578	0.154377	0.145252	0.140141
antisense	-	60	39	40	72	90	119	1.451703	1.210042	1.167709	2.703894
sense_overl	-	8	5	2	1	5	2	0.12413	0.099487	0.037442	0.024083
antisense	-	1	0	0	2	0	0	0.097081	0	0	0.301366
lincRNA	-	1	0	0	0	1	4	0.0703	0	0	0
antisense	-	0	5	4	0	0	0	0	0.561961	0.422994	0
antisense	-	0	3	3	0	3	2	0	0.377384	0.355076	0
antisense	-	3	7	12	8	6	7	0.250303	0.748948	1.208018	1.036011
pseudogen	-	0	1	0	0	1	0	0	0.149205	0	0

antisense	-	0	0	0	4	5	0	0	0	0	0.54011
antisense	-	9	5	5	13	21	9	0.354929	0.252859	0.237912	0.795742
lincRNA	-	0	2	0	3	3	1	0	0.36114	0	0.655674
pseudogen	-	5	5	1	2	2	1	0.34682	0.444747	0.083692	0.215325
antisense	TAPT1_anti	46	29	43	36	45	36	0.996278	0.805434	1.123671	1.210195
antisense	-	0	0	0	0	2	0	0	0	0	0
antisense	-	7	5	10	3	8	3	0.39262	0.359628	0.67674	0.261172
sense_intrc	-	0	1	0	0	1	0	0	0.107375	0	0
antisense	-	0	0	0	0	2	0	0	0	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
antisense	-	11	6	14	6	9	5	0.609681	0.426452	0.936238	0.516169
lincRNA	-	14	6	7	7	16	19	0.881155	0.484267	0.531582	0.683837
pseudogen	-	0	0	0	4	2	0	0	0	0	0.651273
antisense	-	2	0	1	0	1	0	0.347333	0	0.209539	0
antisense	-	1	3	0	0	1	3	0.274211	1.054909	0	0
antisense	-	1	1	2	0	8	1	0.084792	0.108734	0.204613	0
antisense	-	4	2	4	44	62	35	0.21411	0.137283	0.258336	3.655606
processed_	-	15	26	19	37	33	51	0.241701	0.537242	0.369393	0.925379
processed_	-	0	0	0	2	0	0	0	0	0	0.281547
processed_	long_interg	0	1	2	3	4	3	0	0.026536	0.049934	0.096355
antisense	-	0	0	0	2	0	0	0	0	0	0.450649
lincRNA	-	1	1	0	0	0	0	0.078411	0.100551	0	0
antisense	-	5	4	0	0	0	0	0.420161	0.431038	0	0
antisense	-	7	10	9	1	6	6	0.751099	1.375968	1.165171	0.166544
lincRNA	-	14	9	5	59	86	40	0.988645	0.815012	0.42602	6.46688
antisense	-	2	0	0	0	3	1	0.105017	0	0	0
sense_intrc	-	0	0	0	0	1	1	0	0	0	0
lincRNA	-	0	1	0	0	1	1	0	0.308358	0	0
antisense	-	3	2	3	0	1	2	0.099625	0.08517	0.120203	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.148834
antisense	-	0	1	1	0	0	0	0	0.106993	0.100668	0
pseudogen	-	0	0	0	0	1	2	0	0	0	0
pseudogen	-	0	0	0	1	1	0	0	0	0	0.083463
lincRNA	-	0	0	0	3	5	0	0	0	0	0.288809
antisense	TMEM220_	0	1	1	3	1	0	0	0.107183	0.100848	0.389197
antisense	-	3	1	4	2	5	3	0.169278	0.072358	0.272325	0.175162
pseudogen	adenylate_	4	5	1	7	11	15	0.2812	0.450748	0.084821	0.763806
lincRNA	-	0	0	0	13	8	11	0	0	0	1.219249
protein_co	ubiquitin_	66	65	78	30	31	39	2.121139	2.678846	3.024599	1.4965
lincRNA	-	1	0	0	0	0	0	0.092852	0	0	0
lincRNA	-	0	0	1	29	32	39	0	0	0.070455	2.628411
antisense	-	0	0	0	3	0	1	0	0	0	0.267901
lincRNA	-	17	21	20	21	29	44	1.010305	1.600413	1.434107	1.937105
pseudogen	-	2	8	3	1	1	2	0.074193	0.380568	0.134277	0.057579
lincRNA	-	3	2	1	0	4	0	0.148543	0.12699	0.059742	0
antisense	-	7	8	9	3	2	3	0.266637	0.39077	0.413631	0.177368
lincRNA	-	0	1	2	0	1	2	0	0.158654	0.298551	0
pseudogen	-	0	0	2	4	2	2	0	0	0.333779	0.858759
antisense	-	11	3	3	1	7	1	0.895469	0.313176	0.294664	0.126354
sense_intrc	-	1	0	0	1	4	2	0.347333	0	0	0.53911
antisense	-	0	0	0	2	4	7	0	0	0	0.446502
processed_	-	0	1	1	0	0	2	0	0.094544	0.088955	0
lincRNA	-	0	1	0	0	1	0	0	0.140819	0	0
antisense	-	0	0	0	0	1	0	0	0	0	0
antisense	-	1	0	1	0	1	2	0.180346	0	0.217598	0
antisense	-	0	0	0	0	0	1	0	0	0	0
protein_co	Protein_LO	1	1	3	0	1	0	0.012996	0.016666	0.047042	0
sense_intrc	-	1	1	2	0	1	1	0.111643	0.143166	0.269407	0
lincRNA	-	0	0	0	0	1	2	0	0	0	0
antisense	DLGAP1_ar	2	0	0	0	0	2	0.074547	0	0	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
sense_intrc	-	1	6	2	10	11	2	0.174963	1.346189	0.422205	2.715664
pseudogen	-	0	0	0	3	0	2	0	0	0	1.505789
lincRNA	-	29	38	36	49	39	57	0.507014	0.851951	0.759403	1.329683
lincRNA	-	4	2	1	5	7	0	0.24077	0.154377	0.072626	0.467136

lincRNA	long_interg	205	126	207	116	137	143	2.415796	1.904085	2.943234	2.121753
antisense	-	2	2	3	5	2	8	0.12794	0.164065	0.23155	0.496452
sense_intrc	-	44	34	22	39	39	46	2.877491	2.851343	1.735929	3.958734
antisense	-	3	0	0	2	0	0	0.258585	0	0	0.267573
protein_co	KRAB-A_do	0	4	3	9	0	3	0	0.077914	0.054981	0.212186
protein_co	Uncharacte	1	1	1	2	2	5	0.020914	0.02682	0.025234	0.064924
pseudogen	-	2	3	2	8	7	2	0.040685	0.07826	0.049089	0.252598
antisense	-	3	5	5	42	49	27	0.088919	0.190044	0.17881	1.932207
antisense	-	18	15	19	18	28	24	0.351675	0.375811	0.447889	0.545849
antisense	-	27	10	20	42	56	23	0.501001	0.237949	0.447768	1.209637
pseudogen	cytokine_ir	0	0	0	3	0	0	0	0	0	0.234521
antisense	-	18	10	10	14	28	16	1.551508	1.105327	1.039991	1.87301
lincRNA	long_interg	22	28	36	26	27	20	0.436186	0.711896	0.861192	0.800116
pseudogen	-	5	0	1	5	0	3	0.457018	0	0.110284	0.709355
lincRNA	-	3	2	3	5	7	12	0.066011	0.056433	0.079646	0.170764
pseudogen	-	0	0	0	0	1	0	0	0	0	0
processed_	-	0	0	1	0	0	0	0	0	0.137319	0
sense_intrc	-	0	0	2	0	0	0	0	0	0.340816	0
lincRNA	-	86	78	62	28	33	14	1.49686	1.740952	1.302035	0.756434
sense_intrc	-	1	0	2	0	0	1	0.100192	0	0.241776	0
lincRNA	-	0	0	0	5	5	0	0	0	0	0.21231
sense_intrc	-	7	7	5	1	2	7	0.679565	0.871446	0.585668	0.150683
processed_	-	0	0	1	1	1	0	0	0	0.090957	0.117009
antisense	-	0	2	4	1	0	1	0	0.345574	0.650293	0.209137
lincRNA	-	22	11	24	2	4	2	2.071447	1.328168	2.72653	0.292288
lincRNA	-	1	0	0	13	22	10	0.067082	0	0	1.353559
sense_intrc	-	0	0	0	0	1	0	0	0	0	0
antisense	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	8	10	6	22	26	24	0.820832	1.31575	0.742786	3.503623
antisense	-	3	0	2	3	3	2	0.249858	0	0.200979	0.387814
antisense	-	4	9	5	5	7	2	0.471256	1.359719	0.710748	0.914319
lincRNA	-	7	2	4	0	1	6	0.672603	0.246434	0.463734	0
antisense	-	2	0	0	0	0	0	0.205658	0	0	0
sense_intrc	-	0	0	0	5	4	1	0	0	0	0.570375
antisense	-	2	0	0	0	1	0	0.261226	0	0	0
lincRNA	-	0	0	0	6	13	12	0	0	0	0.777009
lincRNA	-	0	1	2	13	24	7	0	0.09015	0.169642	1.418497
pseudogen	-	0	0	0	0	0	1	0	0	0	0
antisense	-	0	1	0	1	7	0	0	0.32155	0	0.389197
lincRNA	-	12	9	14	0	1	2	0.252663	0.243003	0.355661	0
processed_	-	2	0	0	3	0	8	0.071261	0	0	0.165911
pseudogen	-	2	2	1	1	1	0	0.156561	0.200767	0.09445	0.121502
protein_co	-	34	21	35	17	27	17	0.637194	0.504687	0.791424	0.494507
pseudogen	fibroblast_	0	0	0	0	0	1	0	0	0	0
pseudogen	dead_end_	57	46	61	86	98	87	2.523825	2.61187	3.258835	5.910352
antisense	-	0	0	0	0	0	1	0	0	0	0
antisense	-	12	21	14	1	4	7	0.290041	0.65089	0.408277	0.037515
antisense	-	11	4	7	11	9	7	1.048354	0.48886	0.804936	1.627191
lincRNA	-	157	171	199	503	680	422	1.559029	2.177509	2.384271	7.752698
pseudogen	-	3	6	0	1	2	2	0.84741	2.173366	0	0.438433
lincRNA	-	0	0	0	0	0	3	0	0	0	0
pseudogen	-	2	1	1	43	44	25	0.217587	0.139512	0.131266	7.261094
lincRNA	-	0	0	0	0	0	1	0	0	0	0
pseudogen	mago-nashi	3	2	4	6	4	1	0.322638	0.275825	0.519041	1.001557
antisense	-	0	0	0	2	0	0	0	0	0	0.029376
pseudogen	-	3	0	1	0	0	0	0.329438	0	0.132495	0
protein_co	Uncharacte	1	0	2	0	0	0	0.027696	0	0.066835	0
sense_intrc	-	1	3	4	8	2	0	0.139554	0.536873	0.673518	1.732852
pseudogen	-	0	0	0	0	1	1	0	0	0	0
antisense	-	0	0	0	0	2	0	0	0	0	0
antisense	-	0	0	3	0	3	0	0	0	0.271998	0
lincRNA	-	0	0	1	21	17	18	0	0	0.00925	0.249898
antisense	-	0	1	0	1	0	1	0	0.048728	0	0.058979
lincRNA	-	0	0	0	1	1	0	0	0	0	0.128586
antisense	-	1	1	0	0	0	0	0.369213	0.473463	0	0

pseudogen	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.089191
lincRNA	-	116	64	104	56	72	82	1.570673	1.111264	1.699062	1.176919
antisense	-	0	0	1	0	0	0	0	0	0.123798	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
antisense	-	7	0	3	2	0	2	0.498073	0	0.257552	0.22088
antisense	-	3	0	6	3	2	5	0.248534	0	0.59974	0.385759
antisense	-	0	0	0	0	1	1	0	0	0	0
antisense	-	1	0	1	2	4	1	0.101274	0	0.122193	0.314384
protein_co	Uncharacte	69	37	44	23	25	24	2.498387	1.717994	1.922257	1.292614
pseudogen	-	10	4	8	11	17	7	1.175188	0.602805	1.134346	2.006461
sense_intrc	-	1	7	5	1	6	4	0.100839	0.90518	0.608339	0.156516
pseudogen	-	2	0	0	0	0	0	0.210742	0	0	0
pseudogen	-	2	0	0	2	2	0	0.432166	0	0	0.670782
antisense	-	6	14	10	12	10	15	0.500605	1.497895	1.006682	1.554017
protein_co	Uncharacte	1	3	0	1	2	3	0.009269	0.035657	0	0.014386
lincRNA	-	15	12	10	0	0	0	1.444251	1.481638	1.161715	0
pseudogen	small_nucl	6	5	9	10	13	19	1.244868	1.330305	2.253007	3.220345
lincRNA	-	179	144	144	127	168	182	2.104115	2.170642	2.042335	2.317131
antisense	-	4	2	4	5	3	4	0.330794	0.212098	0.399122	0.641797
antisense	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	3	0	1	1	0	0	0.344973	0
antisense	-	1	1	0	0	0	1	0.101056	0.12959	0	0
pseudogen	-	0	1	0	0	0	0	0	0.116984	0	0
lincRNA	-	31	31	29	96	88	77	1.005945	1.289982	1.135425	4.835198
antisense	-	10	8	6	4	2	2	0.756291	0.775868	0.547505	0.469547
lincRNA	-	0	0	0	0	0	3	0	0	0	0
sense_intrc	-	10	6	14	13	11	15	0.2823	0.217206	0.476856	0.569619
antisense	-	2	0	0	0	0	0	0.251421	0	0	0
lincRNA	-	33	35	22	21	13	38	1.205117	1.639052	0.969362	1.190324
protein_co	Uncharacte	1	1	1	0	0	0	0.083882	0.107567	0.101208	0
antisense	-	0	0	0	3	2	1	0	0	0	0.359702
antisense	-	0	0	0	1	1	1	0	0	0	0.158217
antisense	-	2	4	1	0	0	0	0.196193	0.503178	0.118359	0
lincRNA	-	1	2	1	0	0	0	0.085566	0.219452	0.10324	0
processed_	-	0	0	0	5	6	0	0	0	0	0.140937
lincRNA	-	8	5	1	6	4	2	1.019348	0.816981	0.153738	1.186627
antisense	-	0	0	0	0	0	2	0	0	0	0
pseudogen	-	0	2	3	2	0	2	0	0.184447	0.260317	0.223251
pseudogen	-	192	155	159	272	444	305	5.771079	5.974435	5.76635	12.68981
sense_intrc	-	2	1	2	3	5	2	0.054939	0.035225	0.066286	0.127908
antisense	-	2	1	2	5	10	2	0.039603	0.025393	0.047783	0.153674
antisense	-	1	0	3	3	3	0	0.066135	0	0.239389	0.307954
pseudogen	sorting_ne	0	0	0	0	1	2	0	0	0	0
lincRNA	long_interg	18	15	11	54	64	25	0.450144	0.481038	0.33191	2.096058
antisense	-	74	59	62	101	138	187	3.85969	3.946227	3.901759	8.176596
antisense	MAPT_anti	0	0	0	1	0	0	0	0	0	0.061159
sense_intrc	-	0	0	0	0	1	0	0	0	0	0
sense_intrc	-	1	0	0	0	0	0	0.109813	0	0	0
sense_intrc	-	5	4	16	12	27	19	0.5119	0.525151	1.976437	1.906894
antisense	-	0	2	2	0	1	0	0	0.056914	0.05355	0
sense_intrc	-	7	7	4	3	5	3	0.204505	0.262248	0.140998	0.136037
lincRNA	-	0	0	0	1	0	0	0	0	0	0.237068
pseudogen	keratin_18	0	0	0	0	0	1	0	0	0	0
antisense	-	1	1	2	0	1	3	0.168669	0.216294	0.407018	0
pseudogen	-	1	0	1	0	0	0	0.096283	0	0.116171	0
antisense	-	0	1	0	0	0	0	0	0.114971	0	0
antisense	-	0	0	0	5	1	1	0	0	0	0.217904
pseudogen	keratin_8_	0	0	0	1	3	0	0	0	0	0.069712
antisense	-	0	1	0	0	0	3	0	0.141482	0	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	1	0	8	5	3	0	0.031515	0	0.305156
lincRNA	-	57	48	51	1	5	3	1.025213	1.107108	1.106771	0.027917
pseudogen	B_double_	0	0	0	3	1	3	0	0	0	0.109718
antisense	-	0	0	0	2	0	0	0	0	0	0.067202

pseudogen	divergent-p	7	1	2	5	2	3	0.57787	0.105862	0.19921	0.640667
antisense	-	0	0	2	1	3	3	0	0	0.138496	0.089082
antisense	-	4	0	0	0	0	1	1.084162	0	0	0
sense_intrc	-	0	0	0	0	0	1	0	0	0	0
antisense	-	41	23	21	14	12	18	3.414726	2.456457	2.110276	1.8098
processed_	-	1	0	0	1	0	0	0.010296	0	0	0.015982
pseudogen	peptidylpr	0	0	0	6	2	4	0	0	0	0.880401
pseudogen	-	2	1	4	1	1	2	0.057996	0.037186	0.139952	0.045009
antisense	microRNA_	1	0	0	0	2	2	0.061535	0	0	0
sense_intrc	-	3	1	1	0	2	0	0.206868	0.088426	0.083199	0
antisense	-	5	3	2	1	2	0	0.666051	0.51247	0.321452	0.206761
antisense	-	0	0	0	0	0	1	0	0	0	0
sense_intrc	-	0	2	1	1	2	4	0	0.043104	0.020278	0.026086
antisense	-	2	3	9	6	8	6	0.046334	0.089125	0.251571	0.21575
processed_	-	0	0	0	1	3	3	0	0	0	0.123775
sense_intrc	-	111	91	96	69	86	125	2.839494	2.985167	2.963038	2.739665
sense_intrc	-	5	6	1	6	8	8	0.108042	0.166258	0.026072	0.201234
pseudogen	-	0	0	0	0	0	2	0	0	0	0
antisense	-	1	3	1	0	1	1	0.13997	0.538476	0.168882	0
processed_	-	75	53	53	31	41	38	0.892803	0.809058	0.761234	0.572778
antisense	-	8	6	3	9	8	10	0.739882	0.711595	0.334766	1.291949
antisense	-	2	0	2	5	3	7	0.166572	0	0.200979	0.646357
antisense	-	6	5	12	16	22	31	1.17225	1.252704	2.828775	4.851987
lincRNA	-	0	0	0	0	0	1	0	0	0	0
pseudogen	SH3-domai	19	15	18	20	7	13	0.823392	0.833592	0.941182	1.345283
lincRNA	-	10	8	5	20	24	11	1.006224	1.032271	0.607033	3.123597
lincRNA	-	0	1	0	4	2	0	0	0.095142	0	0.460632
antisense	-	0	0	0	2	1	0	0	0	0	0.063954
antisense	-	3	0	0	0	2	2	0.2974	0	0	0
sense_intrc	-	7	1	5	4	5	6	1.022524	0.18732	0.881238	0.906913
pseudogen	nuclear_re	0	0	0	2	1	0	0	0	0	0.495101
lincRNA	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	3	3	0	5	7	3	0.216415	0.277522	0	0.559845
antisense	-	0	0	0	0	2	2	0	0	0	0
sense_intrc	-	3	0	1	2	0	3	0.500605	0	0.201336	0.518006
pseudogen	ferritin_ligl	1	0	0	7	11	5	0.104432	0	0	1.134652
protein_co	Uncharacte	1	0	0	0	0	0	0.054208	0	0	0
antisense	-	7	3	9	7	8	3	0.250557	0.137702	0.388687	0.3889
sense_intrc	-	0	0	0	2	0	0	0	0	0	0.340093
antisense	-	0	0	0	1	2	0	0	0	0	0.129732
protein_co	-	0	0	1	0	0	0	0	0	0.056126	0
antisense	-	0	0	0	2	0	0	0	0	0	0.229952
antisense	-	0	0	0	1	0	0	0	0	0	0.14498
antisense	-	0	0	0	1	1	0	0	0	0	0.12746
pseudogen	-	14	11	14	5	9	5	1.439606	1.450499	1.736967	0.798024
lincRNA	-	10	8	4	2	8	15	1.730259	1.775049	0.835063	0.53712
antisense	hsa-mir-13	5	2	3	5	3	4	0.055478	0.028457	0.040162	0.08611
antisense	BZRAP1_an	4	5	6	2	1	5	0.080257	0.128647	0.145252	0.062285
sense_intrc	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	3	0	3	6	2	12	0.241287	0	0.291126	0.74902
antisense	-	29	15	20	24	26	35	0.450716	0.298955	0.375045	0.578958
antisense	-	7	1	2	7	8	8	0.581968	0.106613	0.200622	0.903295
antisense	-	14	8	10	6	4	11	1.315552	0.964005	1.133778	0.875108
antisense	hsa-mir-14	1	1	3	0	0	1	0.028855	0.037003	0.104447	0
antisense	-	9	1	5	5	1	2	0.668796	0.095293	0.4483	0.576702
sense_intrc	-	0	3	3	4	0	2	0	0.194595	0.183092	0.314044
pseudogen	-	0	0	1	0	0	0	0	0	0.04362	0
lincRNA	-	31	10	19	55	48	59	0.873552	0.361357	0.645994	2.405582
lincRNA	-	0	0	0	2	0	0	0	0	0	0.237068
pseudogen	-	2	3	1	2	0	6	0.034139	0.065668	0.020595	0.052989
pseudogen	-	0	0	1	0	0	0	0	0	0.158032	0
lincRNA	-	0	0	1	0	0	0	0	0	0.142867	0
pseudogen	phosphogl	0	0	1	0	0	0	0	0	0.039261	0
pseudogen	-	1	2	3	3	0	2	0.04983	0.1278	0.180368	0.232029
lincRNA	-	2	2	8	0	1	0	0.169891	0.217862	0.819935	0

pseudogen	arginine-fif	1	4	4	7	7	1	0.04941	0.253445	0.238464	0.536837
pseudogen	fem-1_hom	0	0	0	0	4	0	0	0	0	0
pseudogen	-	9	7	18	2	2	4	0.473106	0.471871	1.141658	0.163183
antisense	-	0	1	0	0	0	0	0	0.086893	0	0
antisense	-	0	0	3	0	0	0	0	0	0.293644	0
antisense	-	1	1	1	4	2	0	0.073495	0.094247	0.088676	0.4563
sense_intrc	-	3	2	0	1	1	0	0.296147	0.253178	0	0.153221
antisense	-	1	0	0	0	5	6	0.126048	0	0	0
sense_intrc	-	0	0	0	2	3	5	0	0	0	0.272074
lincRNA	-	0	0	0	2	2	1	0	0	0	0.26227
antisense	-	1	0	0	0	0	1	0.121792	0	0	0
processed_	-	21	12	11	34	38	15	0.556008	0.407429	0.351401	1.397241
sense_intrc	-	9	8	7	5	6	1	0.182294	0.207792	0.171071	0.157192
antisense	-	99	97	97	103	81	90	14.46141	18.17006	17.09602	23.35302
lincRNA	-	13	6	13	15	18	27	1.325153	0.784302	1.598873	2.373254
antisense	-	2	0	0	0	0	0	0.251421	0	0	0
antisense	-	3	2	1	2	3	9	0.206261	0.176334	0.082955	0.213431
antisense	-	9	2	5	9	6	7	1.182101	0.336862	0.792374	1.834785
pseudogen	-	1	0	3	3	4	3	0.048092	0	0.174078	0.223938
antisense	-	2	1	1	1	1	3	0.18	0.115412	0.10859	0.139693
lincRNA	-	3	0	4	2	1	1	0.142812	0	0.229748	0.147776
pseudogen	keratin_18	0	1	0	0	1	3	0	0.030836	0	0
lincRNA	-	3	3	1	0	0	0	0.060608	0.077721	0.024375	0
antisense	-	0	0	0	2	1	1	0	0	0	0.039565
antisense	-	4	1	3	2	4	3	0.575338	0.184447	0.520633	0.446502
lincRNA	-	0	0	1	0	0	0	0	0	0.028545	0
antisense	hsa-mir-15	0	2	1	1	4	8	0	0.206632	0.097209	0.125051
processed_	-	0	2	0	1	3	8	0	0.034165	0	0.020676
antisense	-	10	9	8	31	24	23	0.589812	0.680715	0.569313	2.837955
lincRNA	-	1	1	0	0	0	1	0.015677	0.020104	0	0
lincRNA	-	0	1	0	0	1	0	0	0.119069	0	0
lincRNA	-	0	0	0	2	1	0	0	0	0	0.219547
lincRNA	-	0	0	0	0	1	0	0	0	0	0
pseudogen	phosphatid	1	0	0	0	0	0	0.152736	0	0	0
pseudogen	-	0	0	0	5	11	1	0	0	0	0.353643
sense_intrc	-	180	182	192	99	87	51	3.826021	4.960844	4.924069	3.266183
protein_co	Uncharacte	0	1	0	1	1	0	0	0.064725	0	0.078342
sense_intrc	-	3	4	2	2	2	1	0.133717	0.22863	0.107558	0.138365
antisense	-	0	0	1	0	0	1	0	0	0.130962	0
pseudogen	Tu_translat	0	0	0	0	1	0	0	0	0	0
antisense	-	11	6	7	4	6	2	1.153893	0.807111	0.88597	0.651273
antisense	-	15	20	13	3	5	1	0.392933	0.671841	0.410884	0.121977
antisense	-	5	3	5	1	8	4	0.422433	0.325026	0.509689	0.131135
protein_co	ribosomal_	32	27	32	50	71	69	1.641664	1.776263	1.980762	3.98139
pseudogen	-	0	2	3	5	6	6	0	0.165419	0.233462	0.500549
antisense	MAFG_anti	294	229	262	63	105	62	7.274757	7.266345	7.822049	2.419592
lincRNA	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	1	4	3	21	38	13	0.025906	0.132884	0.093772	0.844407
antisense	-	1	0	0	1	0	3	0.014909	0	0	0.023141
pseudogen	-	5	3	5	9	5	3	0.245497	0.188889	0.296207	0.685883
lincRNA	-	2	0	0	0	0	0	0.156823	0	0	0
antisense	-	0	3	1	5	3	5	0	0.330383	0.103618	0.666482
lincRNA	-	1	0	0	0	1	0	0.114646	0	0	0
processed_	-	49	48	35	38	45	36	3.96824	4.984854	3.419936	4.776567
lincRNA	-	11	9	14	14	22	7	0.701755	0.736283	1.077629	1.386282
antisense	-	0	1	0	0	0	1	0	0.088556	0	0
lincRNA	coxsackie_v	0	0	0	0	2	7	0	0	0	0
sense_intrc	-	0	0	0	0	1	6	0	0	0	0
antisense	-	6	4	10	22	38	15	0.346052	0.295842	0.695886	1.969441
antisense	-	1	2	0	1	2	0	0.030019	0.076991	0	0.046594
lincRNA	cytochrom	0	0	0	1	2	0	0	0	0	0.025306
pseudogen	ribonuclea	0	0	0	7	6	9	0	0	0	0.686602
sense_intrc	-	8	8	11	7	31	15	1.217923	1.561813	2.020554	1.654086
pseudogen	-	4	6	6	0	3	1	0.095353	0.183416	0.172574	0
lincRNA	-	0	0	0	4	1	3	0	0	0	0.371326

sense_intrc	-	35	37	32	30	33	32	4.102877	5.562006	4.52604	5.458485
sense_intrc	-	0	0	0	1	2	2	0	0	0	0.169255
protein_co	fibrinogen_	20	11	11	22	9	22	0.379369	0.267568	0.251752	0.647717
lincRNA	-	0	0	0	1	0	0	0	0	0	0.129964
antisense	-	2	3	7	1	4	2	0.137306	0.264113	0.579837	0.106559
pseudogen	-	0	0	0	1	0	0	0	0	0	0.438433
pseudogen	-	0	0	0	0	1	0	0	0	0	0
antisense	-	1	0	0	0	5	0	0.084792	0	0	0
antisense	-	3	4	0	1	1	0	0.209019	0.357384	0	0.108142
antisense	-	1	1	2	3	0	2	0.07828	0.100384	0.1889	0.364507
processed_	-	3	1	1	3	0	0	0.056859	0.024305	0.022868	0.088254
pseudogen	-	1	1	4	5	4	3	0.073959	0.094842	0.356943	0.573973
lincRNA	long_interg	0	0	0	11	8	1	0	0	0	0.341689
pseudogen	-	1	0	2	0	1	0	0.271041	0	0.654052	0
pseudogen	ubiquitin-c	4	0	2	1	2	1	0.367765	0	0.221865	0.142705
antisense	-	2	0	3	5	3	2	0.164526	0	0.297766	0.638419
protein_co	uncharacte	0	1	0	0	0	0	0	0.099718	0	0
antisense	-	4	1	4	9	8	10	0.229291	0.073508	0.276653	0.800756
lincRNA	-	0	0	0	1	0	0	0	0	0	0.129964
lincRNA	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	0	11	10	4	0	0	0	1.437303
lincRNA	-	0	0	1	0	0	0	0	0	0.120118	0
pseudogen	-	21	19	22	8	11	5	10.25719	11.90069	12.96522	6.064983
sense_intrc	embryonic_	0	0	0	13249	14202	16600	0	0	0	307.089
lincRNA	-	1	2	1	1	0	2	0.026225	0.067259	0.031642	0.040705
antisense	-	9	8	4	4	4	8	0.868334	0.989791	0.465642	0.599011
lincRNA	-	0	0	0	0	1	1	0	0	0	0
processed_	-	0	1	0	2	0	0	0	0.087145	0	0.210956
antisense	-	8	5	5	7	13	9	0.487169	0.390453	0.367373	0.661635
pseudogen	polymerase	2	4	6	4	5	1	0.025567	0.065572	0.092544	0.079367
protein_co	-	0	0	0	0	1	0	0	0	0	0
sense_intrc	-	0	0	0	0	0	1	0	0	0	0
antisense	-	2	0	1	0	3	1	0.166572	0	0.100489	0
antisense	-	0	0	0	1	0	0	0	0	0	0.127015
lincRNA	-	0	0	1	0	1	1	0	0	0.136656	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.126574
pseudogen	-	0	0	0	2	0	0	0	0	0	0.309044
antisense	-	1	2	0	0	1	0	0.20933	0.536873	0	0
sense_intrc	-	0	2	3	1	3	0	0	0.328578	0.463734	0.198852
pseudogen	-	3	1	0	1	1	1	0.120643	0.051569	0	0.062418
pseudogen	ras_homol	0	0	0	5	1	0	0	0	0	1.123145
antisense	-	0	2	1	3	0	0	0	0.195227	0.091843	0.354447
pseudogen	-	0	2	0	0	0	0	0	0.471606	0	0
antisense	-	4	10	5	3	4	0	0.109428	0.350816	0.165039	0.127386
protein_co	STE20-relat	85	58	56	68	104	61	1.081588	0.946412	0.859763	1.343019
lincRNA	-	1	0	0	23	39	9	0.113261	0	0	4.043322
pseudogen	-	0	0	0	2	0	2	0	0	0	0.15943
protein_co	Uncharacte	45	38	30	24	38	24	1.007665	1.091181	0.810537	0.834152
lincRNA	-	0	0	0	0	1	1	0	0	0	0
lincRNA	-	0	0	0	1	0	0	0	0	0	0.033539
sense_intrc	NARF_intrc	10	4	8	3	4	4	0.609753	0.312769	0.588562	0.283926
pseudogen	-	0	0	0	0	0	1	0	0	0	0
antisense	-	0	0	0	0	2	1	0	0	0	0
pseudogen	cytochrom	0	0	0	0	4	0	0	0	0	0
lincRNA	long_interg	4	2	3	2	5	6	0.053436	0.034262	0.048355	0.04147
protein_co	Uncharacte	2	0	2	3	1	2	0.115068	0	0.138836	0.267901
antisense	-	3	2	1	2	1	1	0.246357	0.210612	0.099081	0.25492
lincRNA	-	0	0	1	1	2	0	0	0	0.100848	0.129732
lincRNA	-	1	2	3	0	0	0	0.017782	0.045605	0.064363	0
pseudogen	ubiquitin-li	1	0	1	1	0	0	0.21411	0	0.258336	0.332328
antisense	-	0	0	2	0	0	0	0	0	0.146949	0
lincRNA	-	0	1	1	2	0	5	0	0.077387	0.072813	0.187335
lincRNA	-	0	0	1	1	0	1	0	0	0.009255	0.011906
pseudogen	ariadne_ho	1	1	2	0	0	0	0.031747	0.040711	0.076609	0
sense_intrc	hsa-mir-74	0	0	2	0	0	0	0	0	1.154602	0

lincRNA	-	1	1	0	0	0	0	0.122109	0.156588	0	0
pseudogen	-	0	3	0	0	1	0	0	0.125183	0	0
lincRNA	-	2	2	1	0	0	2	0.206564	0.264889	0.124616	0
lincRNA	-	0	0	1	0	0	0	0	0	0.079237	0
antisense	-	2	1	0	2	5	0	0.140389	0.090015	0	0.217904
lincRNA	-	0	0	0	0	1	1	0	0	0	0
antisense	-	0	2	0	1	3	1	0	0.25974	0	0.157192
antisense	-	0	0	0	1	0	1	0	0	0	0.053047
sense_intrc	-	1	4	0	1	4	1	0.016867	0.086518	0	0.02618
pseudogen	-	0	0	2	0	2	2	0	0	0.19309	0
lincRNA	-	13	5	9	2	2	5	0.284846	0.14049	0.237934	0.068019
pseudogen	-	0	0	2	1	3	1	0	0	0.378431	0.243411
lincRNA	-	2	0	0	1	0	0	0.169891	0	0	0.131847
lincRNA	-	0	0	0	21	14	5	0	0	0	3.80193
antisense	-	1	0	0	1	0	1	0.082553	0	0	0.128133
antisense	-	0	0	0	5	2	4	0	0	0	0.250102
lincRNA	-	35	27	24	83	135	164	5.903419	5.839944	4.884216	21.72922
pseudogen	chromobo	6	12	10	4	13	4	0.196879	0.504939	0.39591	0.203722
lincRNA	-	3	1	0	0	0	1	0.154243	0.065932	0	0
antisense	-	1	0	0	0	3	0	0.023972	0	0	0
antisense	-	0	0	1	0	1	2	0	0	0.115225	0
antisense	-	7	2	2	0	6	2	0.391683	0.143508	0.135025	0
sense_intrc	-	3	3	3	0	0	0	0.323379	0.414688	0.390176	0
antisense	-	2	2	2	24	36	6	0.04453	0.057103	0.053728	0.829399
antisense	-	1	1	0	0	1	0	0.048591	0.062311	0	0
antisense	-	208	161	160	126	191	225	11.34084	11.25686	10.52568	10.66309
antisense	-	3	1	1	3	6	8	0.204166	0.087271	0.082112	0.316893
pseudogen	-	0	1	0	0	0	0	0	0.246434	0	0
lincRNA	-	7	5	5	1	2	10	0.710455	0.650755	0.612289	0.157532
pseudogen	-	0	1	1	0	0	1	0	0.127936	0.120373	0
lincRNA	-	1	0	1	0	3	4	0.068353	0	0.082472	0
pseudogen	-	1	0	0	0	1	0	0.111909	0	0	0
sense_intrc	-	0	0	0	1	0	2	0	0	0	0.130664
lincRNA	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	0	1	0	1	0	0	0	0.048149	0
antisense	-	1	0	0	0	0	0	0.020693	0	0	0
antisense	-	0	0	1	0	0	0	0	0	0.101572	0
pseudogen	-	2	0	3	3	3	1	0.117519	0	0.21269	0.273608
lincRNA	-	11	17	15	13	9	4	1.627098	3.224626	2.677074	2.984661
antisense	-	1	3	2	4	4	2	0.087809	0.337808	0.211893	0.545167
lincRNA	-	9	7	7	1	1	0	0.712855	0.710994	0.668967	0.122939
lincRNA	-	1	0	1	3	3	2	0.054271	0	0.065481	0.252708
lincRNA	-	0	0	1	0	0	0	0	0	0.163987	0
processed_	-	0	0	0	0	2	0	0	0	0	0
antisense	-	0	0	1	0	0	0	0	0	0.138665	0
antisense	-	2	3	1	2	5	6	0.27994	0.538476	0.168882	0.434506
pseudogen	ring_finger	1	0	0	0	1	0	0.021549	0	0	0
protein_co	Uncharacte	1	2	0	0	1	0	0.101494	0.260302	0	0
processed_	-	5	2	2	1	0	2	0.418661	0.214749	0.202055	0.129964
lincRNA	-	5	16	7	15	18	50	0.771217	3.164726	1.302725	3.591109
antisense	-	1	3	0	0	0	0	0.135913	0.522868	0	0
lincRNA	-	1	2	0	2	1	0	0.087156	0.223531	0	0.270557
antisense	-	0	0	1	2	0	1	0	0	0.026217	0.067451
antisense	-	4	2	3	5	0	8	0.13359	0.085655	0.120888	0.259187
antisense	-	0	0	0	2	2	0	0	0	0	0.308389
antisense	-	0	2	1	8	11	2	0	0.154179	0.072533	0.746459
lincRNA	-	84	77	68	115	141	104	2.384238	2.80266	2.328774	5.066391
antisense	-	0	0	0	0	1	0	0	0	0	0
protein_co	Putative_u	4	1	5	19	27	7	0.019938	0.006392	0.030071	0.146999
antisense	-	6	13	14	12	22	15	0.396813	1.102521	1.117147	1.231816
antisense	-	5	5	9	2	3	0	0.094536	0.121229	0.205314	0.058693
lincRNA	-	2	1	0	1	5	0	0.183523	0.117671	0	0.142426
lincRNA	-	53	67	52	47	60	28	1.502522	2.435729	1.778674	2.068108
antisense	-	1	0	0	0	1	2	0.044361	0	0	0
lincRNA	-	0	1	1	0	0	0	0	0.080387	0.075636	0

pseudogen	SH3-domai	47	35	40	25	24	28	1.133075	1.082027	1.163507	0.935473
sense_intrc	-	3	4	3	3	3	8	0.134099	0.229284	0.161798	0.208141
sense_intrc	-	1	1	0	2	1	1	0.073151	0.093806	0	0.227082
sense_intrc	-	2	2	1	0	0	0	0.13611	0.174542	0.082112	0
sense_intrc	-	3	0	0	0	2	0	0.040364	0	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	2	2	1	0	0	0	0.03204	0.041086	0.019329	0
lincRNA	-	0	1	1	6	4	0	0	0.129311	0.121668	0.939094
lincRNA	-	0	0	0	1	0	1	0	0	0	0.046864
lincRNA	-	35	21	28	0	2	1	2.552334	1.963804	2.46363	0
sense_intrc	-	0	0	0	1	0	0	0	0	0	0.259928
antisense	-	0	1	0	2	0	0	0	0.124492	0	0.301366
antisense	-	3	1	0	0	0	1	0.173239	0.074051	0	0
antisense	-	1	0	0	1	0	0	0.082119	0	0	0.12746
pseudogen	integral_m	2	0	0	1	0	0	0.141235	0	0	0.109608
pseudogen	-	42	24	28	29	29	18	2.664927	1.952794	2.143592	2.856041
lincRNA	-	0	0	1	14	3	4	0	0	0.142508	2.566542
lincRNA	-	1	3	6	0	0	1	0.082553	0.317587	0.597629	0
lincRNA	-	0	0	3	11	18	6	0	0	0.03228	0.152259
pseudogen	-	2	2	6	1	3	5	0.254837	0.326792	0.922427	0.197771
processed_	-	0	0	0	4	1	0	0	0	0	0.229408
antisense	-	4	1	5	0	6	2	0.261226	0.083746	0.39398	0
sense_intrc	-	18	17	15	7	19	10	0.517804	0.627121	0.520633	0.312551
lincRNA	-	2	7	5	10	4	19	0.239847	1.076493	0.723472	1.861376
sense_intrc	-	0	0	1	2	1	2	0	0	0.035294	0.090804
antisense	-	1	0	0	0	1	0	0.098924	0	0	0
antisense	-	1	0	1	43	57	21	0.056562	0	0.068245	3.775068
lincRNA	long_interg	7	9	11	26	48	5	0.12892	0.212556	0.244435	0.743234
lincRNA	-	0	1	0	1	1	4	0	0.170823	0	0.206761
pseudogen	-	0	2	1	0	2	1	0	0.055394	0.02606	0
pseudogen	solute_carr	1	0	0	1	0	0	0.084792	0	0	0.131609
pseudogen	-	1	3	5	3	9	4	0.063883	0.245762	0.385392	0.297465
sense_intrc	-	3	1	1	0	1	0	0.293063	0.12527	0.117866	0
lincRNA	-	6	3	4	5	4	1	0.252323	0.161784	0.202961	0.326367
lincRNA	-	1	0	2	4	10	5	0.081832	0	0.197471	0.508061
antisense	-	6	5	2	32	27	27	0.419911	0.44873	0.168882	3.47605
lincRNA	-	2	4	1	5	4	5	0.041459	0.10633	0.025011	0.160875
antisense	-	10	4	2	3	1	1	0.183882	0.094321	0.044373	0.085623
sense_intrc	-	0	0	1	0	0	0	0	0	0.115225	0
processed_	-	9	3	3	12	8	9	0.790281	0.337808	0.31784	1.635501
lincRNA	-	2	0	0	0	2	2	0.241701	0	0	0
lincRNA	-	1	0	0	0	0	0	0.081548	0	0	0
lincRNA	-	89	61	60	41	31	25	8.43073	7.409934	6.857637	6.028226
pseudogen	-	2	0	0	1	2	0	0.094919	0	0	0.073664
antisense	-	1	1	0	6	3	5	0.056494	0.072446	0	0.526119
sense_intrc	-	12	18	10	1	1	6	0.785866	1.511643	0.790161	0.101648
lincRNA	-	9	2	2	2	2	3	0.767291	0.218654	0.205729	0.264654
antisense	-	1	3	8	4	5	7	0.128115	0.492867	1.236623	0.795408
3prime_ov	-	28	38	17	19	31	38	0.50342	0.876124	0.368782	0.530221
antisense	-	0	1	5	0	4	1	0	0.176334	0.829553	0
sense_intrc	-	0	2	1	0	5	3	0	0.163618	0.076973	0
pseudogen	mitochond	9	11	5	0	1	1	0.31564	0.49471	0.211576	0
antisense	-	13	16	10	11	13	6	0.229334	0.361955	0.21285	0.301196
lincRNA	-	1	1	1	1	7	3	0.114927	0.147377	0.138665	0.178382
antisense	-	1	1	1	0	0	0	0.087156	0.111765	0.105159	0
antisense	-	0	0	0	2	8	3	0	0	0	0.275681
antisense	-	1	1	0	0	0	1	0.23445	0.300649	0	0
protein_co	Uncharacte	1	0	0	0	1	0	0.086833	0	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	family_witl	0	0	1	0	0	0	0	0	0.112925	0
protein_co	FXYD_dom	0	0	0	16	25	4	0	0	0	1.214262
sense_intrc	-	4	2	2	3	5	3	0.110394	0.070783	0.066599	0.128511
protein_co	alanyl-tRNA	22	16	18	14	13	23	0.780318	0.727743	0.770317	0.770739
sense_intrc	-	3	1	2	0	0	0	0.079117	0.033819	0.063639	0
antisense	-	5	1	6	2	2	4	0.49462	0.126856	0.716146	0.307088

lincRNA	-	13	5	7	52	51	28	0.784518	0.386936	0.509689	4.87072
pseudogen	olfactory_r	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	0	0	16	26	9	0	0	0	0.216607
antisense	-	2	0	0	0	1	0	0.165689	0	0	0
antisense	-	2	0	2	2	6	11	0.389129	0	0.469506	0.603982
lincRNA	-	3	1	2	18	34	15	0.03159	0.013503	0.02541	0.294192
antisense	-	3	2	1	1	3	0	0.158056	0.135123	0.063568	0.081775
antisense	-	7	5	11	7	13	9	0.513662	0.470499	0.973913	0.797275
antisense	-	1	1	2	0	0	2	0.13025	0.167027	0.314308	0
antisense	-	0	0	0	2	0	2	0	0	0	0.227082
antisense	-	11	19	20	7	11	3	0.400458	0.887008	0.878502	0.395542
processed_	-	1	0	0	0	0	0	0.084335	0	0	0
pseudogen	-	3	2	1	0	0	0	0.70335	0.601298	0.282878	0
antisense	-	6	5	3	4	6	1	0.082287	0.087935	0.049642	0.085147
lincRNA	-	1	0	0	21	17	10	0.008568	0	0	0.279257
antisense	-	0	0	0	1	0	1	0	0	0	0.149445
lincRNA	-	26	24	29	24	40	34	1.023628	1.211684	1.377573	1.466595
antisense	-	4	9	6	2	7	2	0.056341	0.162562	0.101968	0.043725
lincRNA	-	0	0	1	0	1	0	0	0	0.583253	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	5	1	0	0	3	2	0.199362	0.051131	0	0
processed_	-	5	5	4	5	3	0	0.303299	0.388938	0.292758	0.470762
lincRNA	-	35	18	25	6	6	4	0.704356	0.464522	0.607033	0.187416
lincRNA	-	2	1	3	0	3	0	0.196193	0.125795	0.355076	0
lincRNA	-	14	15	11	0	0	0	0.21404	0.294081	0.202912	0
antisense	-	0	0	1	0	2	0	0	0	0.1127	0
antisense	-	10	5	6	1	7	5	0.414223	0.265591	0.29987	0.064293
lincRNA	-	2	5	4	1	2	5	0.084108	0.26964	0.202961	0.065273
pseudogen	leucine_ric	541	421	435	112	129	104	6.810067	6.795878	6.606804	2.188279
antisense	-	0	0	0	0	1	0	0	0	0	0
antisense	-	47	37	54	38	69	49	4.516047	4.559021	6.260404	5.66728
antisense	-	0	0	1	2	2	0	0	0	0.063927	0.164474
lincRNA	-	0	0	0	0	0	1	0	0	0	0
antisense	-	0	0	0	0	5	2	0	0	0	0
pseudogen	-	4	4	2	12	17	21	0.492284	0.631284	0.296984	2.292277
antisense	-	2	4	0	0	2	1	0.162249	0.416123	0	0
lincRNA	-	0	3	0	0	0	0	0	0.127755	0	0
pseudogen	-	2	0	0	1	4	0	0.070671	0	0	0.054845
antisense	-	1	0	0	1	1	1	0.068154	0	0	0.105785
antisense	-	9	5	5	9	18	13	0.213568	0.15215	0.143157	0.331487
protein_co	zinc_finger	82	83	65	610	662	463	0.498442	0.646976	0.476719	5.755209
antisense	-	0	1	1	2	3	2	0	0.110941	0.104383	0.26856
antisense	-	0	1	1	0	2	3	0	0.127394	0.119863	0
lincRNA	-	3	5	2	3	6	0	0.305804	0.653585	0.24598	0.474651
processed_	-	0	0	2	0	0	0	0	0	0.202417	0
antisense	-	2	3	6	0	5	2	0.219625	0.422458	0.794972	0
lincRNA	-	0	1	0	32	28	19	0	0.026087	0	1.010392
lincRNA	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	0	39	48	11	0	0	0	4.236436
pseudogen	-	0	0	1	0	0	0	0	0	0.045552	0
lincRNA	-	1	1	0	0	0	0	0.075629	0.096984	0	0
lincRNA	-	31	15	23	8	8	4	0.662832	0.411285	0.593359	0.265499
protein_co	cytochrom	3	0	9	4	2	6	0.105371	0	0.381408	0.218067
protein_co	prostaglan	4	1	8	5	5	7	0.098457	0.031564	0.237587	0.191023
antisense	-	0	0	0	0	0	1	0	0	0	0
antisense	-	0	2	0	1	0	3	0	0.078859	0	0.047724
lincRNA	-	6	3	2	2	0	0	0.123938	0.079467	0.049846	0.064123
lincRNA	-	1	1	0	3	2	1	0.074429	0.095444	0	0.34657
lincRNA	-	0	0	0	9	4	7	0	0	0	0.893613
processed_	-	0	0	0	4	0	4	0	0	0	0.548247
lincRNA	-	1	1	1	0	0	0	0.112988	0.144891	0.136327	0
pseudogen	coiled-coil_	0	0	0	0	0	2	0	0	0	0
antisense	ASB16_anti	100	66	88	94	83	76	2.118844	1.793297	2.249726	3.091415
antisense	-	2	5	4	11	24	5	0.164816	0.528381	0.397719	1.406991
pseudogen	-	0	0	0	1	0	1	0	0	0	0.056071

pseudogen	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	1	1	0	0	0	0	0.106086	0.13604	0	0
pseudogen	C-terminal_	1	5	4	1	2	1	0.037693	0.241679	0.181915	0.058505
antisense	-	0	0	0	1	0	0	0	0	0	0.161733
lincRNA	-	5	3	3	7	10	4	0.347333	0.267244	0.251447	0.754753
sense_intrc	-	10	3	5	8	7	25	0.584664	0.224924	0.352715	0.725983
lincRNA	-	1	0	0	0	0	1	0.084032	0	0	0
lincRNA	ILF3_antise	223	132	149	404	488	405	5.273058	4.002589	4.251009	14.82755
pseudogen	-	8	3	4	19	13	10	0.598278	0.287702	0.360928	2.205449
protein_co	uncharacte	99	72	83	81	120	62	1.886271	1.759181	1.908073	2.395434
lincRNA	-	1	0	0	2	1	0	0.013505	0	0	0.041924
lincRNA	-	5	6	4	2	8	6	1.395536	2.147493	1.347036	0.866426
lincRNA	-	0	1	0	0	0	0	0	0.08082	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
protein_co	Uncharacte	7	4	3	6	11	2	0.909225	0.666258	0.470157	1.209637
lincRNA	-	1	0	0	1	5	3	0.083732	0	0	0.129964
antisense	-	7	2	1	0	2	4	0.744286	0.272697	0.128289	0
pseudogen	-	1	1	2	2	4	8	0.148857	0.190888	0.35921	0.462094
antisense	-	2	2	1	2	1	2	0.041904	0.053735	0.025279	0.06504
antisense	-	3	1	0	2	1	0	0.051377	0.021961	0	0.053163
lincRNA	-	0	1	0	2	0	0	0	0.068563	0	0.165974
protein_co	Protein_LO	23	19	23	10	15	20	0.486236	0.515088	0.586671	0.328133
antisense	RNF157_ar	8	7	7	15	14	9	0.20702	0.232289	0.218559	0.602482
lincRNA	-	0	0	0	1	6	0	0	0	0	0.180148
antisense	-	4	0	4	1	1	1	0.399064	0	0.481494	0.154851
antisense	-	27	17	7	0	0	0	0.266814	0.215428	0.083462	0
antisense	-	8	9	4	0	0	1	0.679565	0.980377	0.409967	0
sense_intrc	-	1	0	0	0	1	1	0.13914	0	0	0
antisense	-	19	15	6	6	25	15	1.467727	1.485909	0.559231	0.719405
pseudogen	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	1	0	0	0	0	0	0.106236	0	0
lincRNA	-	0	0	0	5	0	0	0	0	0	0.475685
processed_	-	0	1	0	4	6	6	0	0.047309	0	0.229047
antisense	-	3	1	4	9	10	16	0.12965	0.055419	0.208573	0.603703
lincRNA	-	19	12	8	22	30	21	0.655081	0.530557	0.332797	1.17732
antisense	-	0	0	3	2	10	0	0	0	0.514323	0.44109
antisense	-	0	3	2	2	1	3	0	0.070218	0.044045	0.05666
lincRNA	-	56	38	63	16	28	69	1.396724	1.215389	1.895881	0.619403
antisense	-	6	3	2	0	0	3	0.131529	0.084334	0.052899	0
antisense	-	0	0	0	2	5	1	0	0	0	0.200772
lincRNA	-	2	0	2	5	5	1	0.139762	0	0.16863	0.542323
antisense	-	63	56	69	69	72	68	1.032531	1.176955	1.364456	1.755263
sense_intrc	-	1	0	1	2	2	2	0.124377	0	0.150068	0.3861
lincRNA	-	0	0	0	2	0	4	0	0	0	0.056136
3prime_ov	-	1	0	0	5	7	1	0.071588	0	0	0.555571
antisense	-	4	5	3	8	8	12	0.303495	0.486487	0.274638	0.942133
antisense	-	1	1	1	0	0	0	0.205658	0.263727	0.248138	0
pseudogen	-	0	1	0	0	1	1	0	0.185015	0	0
pseudogen	-	0	0	0	0	2	0	0	0	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	3	6	2	6	8	9	0.261955	0.671841	0.21071	0.813182
pseudogen	protein_ty	0	0	4	0	0	1	0	0	0.473435	0
antisense	-	1	5	1	5	10	3	0.090696	0.581526	0.10943	0.703867
antisense	-	1	0	1	0	2	0	0.103739	0	0.125167	0
antisense	-	0	2	0	0	0	0	0	0.219853	0	0
lincRNA	-	49	40	54	195	181	182	0.917576	0.96054	1.220079	5.667756
lincRNA	hsa-mir-21	0	4	0	0	0	0	0	2.186538	0	0
sense_intrc	-	0	0	0	0	1	0	0	0	0	0
sense_intrc	-	2	7	4	4	14	22	0.262689	1.179016	0.633899	0.81546
lincRNA	-	3	0	0	2	8	3	0.223286	0	0	0.231047
antisense	-	4	9	7	8	7	4	0.0382	0.110218	0.080658	0.118582
lincRNA	hsa-mir-13	0	1	2	0	0	0	0	0.595345	1.120307	0
lincRNA	-	14	21	17	2	11	3	1.769435	3.403573	2.592409	0.392344
antisense	-	1	0	0	1	1	0	0.109301	0	0	0.16965
lincRNA	-	0	0	0	0	2	1	0	0	0	0

lincRNA	-	1	0	5	7	7	11	0.049306	0	0.297453	0.535708
antisense	-	0	0	0	0	1	0	0	0	0	0
protein_co	Uncharacte	20	18	19	8	19	12	0.22186	0.256053	0.254302	0.137743
pseudogen	-	0	0	0	1	0	0	0	0	0	0.079454
antisense	-	5	5	10	3	4	2	0.400769	0.51393	0.967103	0.37323
pseudogen	-	0	0	0	1	1	0	0	0	0	0.257172
sense_intrc	-	5	1	5	38	36	9	0.308082	0.079014	0.371718	3.634208
sense_intrc	-	3	1	1	0	2	3	0.205658	0.087909	0.082713	0
lincRNA	-	1	0	0	0	0	0	0.100839	0	0	0
antisense	-	1	3	8	2	7	10	0.063537	0.24443	0.613285	0.197235
protein_co	-	2	0	2	1	3	1	0.167166	0	0.201695	0.129732
sense_intrc	-	0	0	0	0	2	0	0	0	0	0
lincRNA	-	0	1	0	0	0	1	0	0.162953	0	0
processed_	-	18	9	13	6	7	8	1.98593	1.273337	1.730545	1.02748
lincRNA	-	7	9	8	2	4	10	0.432451	0.713002	0.596316	0.191778
processed_	-	6	4	5	57	79	52	0.090376	0.077263	0.09087	1.332621
processed_	-	36	32	35	43	59	53	0.70335	0.801731	0.825059	1.303971
pseudogen	-	0	0	0	0	2	0	0	0	0	0
lincRNA	-	11	6	6	5	4	7	0.624443	0.436778	0.41096	0.440556
processed_	-	14	16	12	15	19	6	0.641701	0.940446	0.663642	1.067153
sense_intrc	-	7	9	12	14	34	16	0.455875	0.751622	0.942925	1.415163
antisense	-	9	11	17	9	6	6	0.207376	0.325026	0.472621	0.321876
pseudogen	-	3	0	1	2	0	0	0.06626	0	0.026649	0.068563
antisense	-	3	7	6	3	12	7	0.165494	0.495187	0.399357	0.25687
antisense	-	2	1	1	6	4	1	0.164816	0.105676	0.09943	0.76745
antisense	-	4	4	4	0	0	0	0.073467	0.09421	0.088642	0
lincRNA	-	0	0	0	0	2	1	0	0	0	0
protein_co	Uncharacte	0	2	0	10	19	9	0	0.065005	0	0.393404
sense_intrc	-	1	0	0	0	2	0	0.061055	0	0	0
pseudogen	-	2	2	2	1	2	2	0.179312	0.229942	0.21635	0.139158
antisense	-	9	8	3	12	27	21	0.536909	0.612008	0.215937	1.111142
lincRNA	-	0	1	0	5	0	2	0	0.078807	0	0.476932
protein_co	Uncharacte	48	35	35	57	46	29	0.675284	0.631426	0.594102	1.244659
lincRNA	-	6	3	0	7	16	2	0.083533	0.05356	0	0.151264
lincRNA	-	0	0	1	1	1	0	0	0	0.086243	0.110945
sense_over	-	13	5	14	6	2	7	1.3025	0.642412	1.69243	0.933074
antisense	-	2	0	0	0	0	0	0.158145	0	0	0
antisense	-	1	0	2	1	4	3	0.068754	0	0.165911	0.106715
antisense	MAP3K14_	36	24	33	50	59	13	0.682037	0.583077	0.75434	1.470299
lincRNA	-	30	50	43	8	6	15	1.913878	4.090462	3.309859	0.792161
antisense	-	176	139	161	1	1	0	9.584951	9.707365	10.57916	0.084529
antisense	-	3	0	1	3	0	0	0.330211	0	0.132806	0.512534
antisense	-	9	9	4	7	22	11	0.638442	0.818711	0.342363	0.770739
lincRNA	-	0	0	1	24	25	18	0	0	0.100134	3.091531
processed_	-	0	1	0	0	0	0	0	0.104756	0	0
processed_	-	71	54	65	0	3	1	0.798942	0.77922	0.882507	0
antisense	-	1	1	2	2	3	0	0.022896	0.02936	0.05525	0.071074
lincRNA	-	0	1	0	1	2	1	0	0.080173	0	0.09704
pseudogen	-	1	1	0	0	0	0	0.128819	0.165192	0	0
pseudogen	-	4	9	4	2	2	2	0.123071	0.355097	0.148492	0.095512
pseudogen	-	1	0	0	1	0	0	0.082408	0	0	0.127908
antisense	-	2	0	1	4	3	2	0.042666	0	0.02574	0.132447
sense_intrc	-	0	1	1	0	0	2	0	0.107567	0.101208	0
pseudogen	ribosomal_	0	0	0	2	0	1	0	0	0	0.314384
lincRNA	-	2	0	1	4	1	1	0.058503	0	0.035294	0.181609
antisense	-	5	4	5	3	4	3	0.486411	0.499002	0.586883	0.452986
pseudogen	-	0	0	0	3	3	1	0	0	0	2.1198
lincRNA	-	0	0	0	0	1	0	0	0	0	0
antisense	-	11	10	3	26	31	27	0.370539	0.431967	0.12193	1.359393
lincRNA	-	1	0	0	0	0	0	0.042627	0	0	0
lincRNA	-	108	67	107	80	59	32	2.961475	2.355963	3.540105	3.404903
pseudogen	-	1	0	0	0	0	0	0.178289	0	0	0
lincRNA	-	1	0	1	1	0	1	0.077632	0	0.093668	0.120496
processed_	-	41	38	43	29	52	6	2.073884	2.464868	2.624322	2.276822
pseudogen	-	2	1	0	1	0	3	0.329053	0.210982	0	0.255368

lincRNA	-	0	0	0	3	3	0	0	0	0.37451
lincRNA	-	92	86	82	146	184	171	3.323484	3.983946	3.574107	8.186326
antisense	-	9	4	10	15	20	19	0.261307	0.148928	0.350313	0.675973
pseudogen	solute_carr	2	2	3	0	1	0	0.11977	0.153588	0.216764	0
lincRNA	-	109	79	101	46	53	45	1.255468	1.166852	1.403617	0.822371
lincRNA	-	8	2	6	16	13	13	0.72417	0.232161	0.655315	2.248025
antisense	-	9	3	2	7	8	11	0.711653	0.304198	0.190811	0.859121
pseudogen	-	0	0	0	2	3	0	0	0	0	0.089963
lincRNA	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	0	0	0	2	0	0	0	0	0
processed_	-	2	0	0	1	0	0	0.02723	0	0	0.021132
pseudogen	-	3	6	0	1	2	3	0.710455	1.822115	0	0.367575
antisense	-	5	3	3	10	8	5	0.165222	0.127124	0.11961	0.512895
antisense	-	0	1	0	0	1	0	0	0.105122	0	0
pseudogen	eukaryotic_	2	1	2	4	4	7	0.202987	0.130151	0.244916	0.630128
sense_over	-	9	6	1	5	12	4	1.002399	0.856957	0.134384	0.864368
processed_	-	0	1	0	5	6	4	0	0.087145	0	0.52739
processed_	-	471	390	347	357	434	567	8.905322	9.455895	7.916008	10.47677
pseudogen	SH3-domai	54	32	36	14	14	16	2.722646	2.068982	2.19002	1.09561
lincRNA	-	0	1	0	1	0	1	0	0.027369	0	0.033127
pseudogen	ribosomal_	6	1	1	3	4	4	0.474435	0.101399	0.095406	0.368195
lincRNA	RNA_U6_sr	0	1	0	0	0	1	0	0.561961	0	0
protein_co	Uncharacte	0	0	0	0	0	1	0	0	0	0
lincRNA	-	1	0	0	0	0	0	0.188313	0	0	0
lincRNA	-	0	0	0	2	3	1	0	0	0	0.269555
antisense	KCNJ2_anti	1	0	6	7	5	0	0.019201	0	0.139006	0.208624
antisense	-	6	3	5	0	0	0	0.5777	0.370409	0.580857	0
pseudogen	-	11	4	3	11	6	6	0.724424	0.337808	0.23838	1.124407
lincRNA	-	0	0	0	1	6	3	0	0	0	0.057946
lincRNA	-	4	0	0	2	1	2	0.511063	0	0	0.39662
lincRNA	long_interg	18	10	8	66	58	41	0.366011	0.260754	0.196272	2.08303
antisense	-	3	5	5	1	1	0	0.581281	1.242351	1.168915	0.300743
pseudogen	ATP_syntha	0	0	0	1	1	1	0	0	0	0.475685
lincRNA	-	9	12	14	15	10	11	0.645275	1.103299	1.211096	1.669261
antisense	-	20	17	17	200	244	328	0.73959	0.806157	0.758504	11.47946
protein_co	Uncharacte	0	0	0	1	1	0	0	0	0	0.040366
antisense	-	0	1	0	0	0	0	0	0.044673	0	0
lincRNA	-	1	0	2	0	2	0	0.07815	0	0.188585	0
antisense	-	9	9	5	9	5	2	0.537593	0.689386	0.360354	0.834418
antisense	-	3	0	0	0	0	0	0.293063	0	0	0
antisense	-	9	10	13	7	11	11	0.799262	1.138822	1.392958	0.964884
antisense	-	7	3	5	5	3	3	0.399307	0.219452	0.344133	0.4427
lincRNA	-	10	9	10	0	0	2	0.291423	0.336338	0.351619	0
lincRNA	-	9	10	7	0	0	0	0.764511	1.089308	0.717443	0
antisense	-	0	0	0	2	0	0	0	0	0	0.3271
pseudogen	-	0	0	1	0	4	0	0	0	0.055142	0
lincRNA	-	5	2	5	12	8	10	0.399404	0.204872	0.481904	1.487832
lincRNA	-	0	0	0	3	7	2	0	0	0	1.331338
pseudogen	-	1	0	1	0	1	0	0.096482	0	0.116411	0
processed_	-	1	1	1	2	0	0	0.04638	0.059476	0.05596	0.143976
sense_intrc	-	0	0	0	2	0	1	0	0	0	0.085222
lincRNA	-	0	0	1	17	24	16	0	0	0.05074	1.109647
lincRNA	-	21	25	21	4	20	8	0.476848	0.727964	0.575344	0.140978
lincRNA	-	1	8	2	3	4	2	0.067082	0.688181	0.161876	0.31236
antisense	-	2	0	0	0	0	0	0.179312	0	0	0
processed_	-	10	6	8	6	6	7	0.583935	0.449289	0.563641	0.543809
lincRNA	-	1	0	3	1	0	0	0.059809	0	0.216488	0.092831
pseudogen	-	3	2	1	4	4	2	0.128583	0.109927	0.051714	0.266105
antisense	-	0	0	0	11	23	7	0	0	0	1.083326
protein_co	Uncharacte	0	0	0	0	1	0	0	0	0	0
lincRNA	-	1565	1183	1241	834	1089	995	34.89438	33.8248	33.38574	28.86275
pseudogen	-	0	0	0	1	0	0	0	0	0	0.237068
sense_intrc	-	0	1	0	5	2	0	0	0.054515	0	0.329918
pseudogen	-	0	3	5	4	3	1	0	0.156452	0.24534	0.252488
processed_	-	0	0	0	2	2	1	0	0	0	0.15618

antisense	-	0	0	0	1	0	0	0	0	0	0.22815
antisense	-	8	1	7	7	8	10	0.219112	0.035123	0.231325	0.297581
lincRNA	-	1	0	1	0	0	0	0.08541	0	0.103052	0
sense_intrc	-	8	6	9	3	6	7	0.627291	0.603309	0.851471	0.365116
processed_	-	0	1	0	0	0	0	0	0.202457	0	0
lincRNA	-	0	0	0	1	1	0	0	0	0	0.188549
pseudogen	vomeronas	0	0	0	1	0	0	0	0	0	0.107662
lincRNA	-	0	0	0	0	0	1	0	0	0	0
processed_	ZNF582_an	4	5	8	10	17	11	0.116787	0.187204	0.281821	0.453174
antisense	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	1	1	1	0	0	0	0.086195	0.110533	0.103999	0
lincRNA	-	0	0	0	8	1	0	0	0	0	1.516246
pseudogen	ubiquitin-c	0	0	0	2	3	0	0	0	0	0.288809
lincRNA	-	2	0	0	11	11	6	0.053073	0	0	0.453072
antisense	-	5	5	4	18	36	10	0.084426	0.108264	0.081492	0.471745
pseudogen	-	0	1	0	0	0	2	0	0.088949	0	0
lincRNA	-	238	194	179	10	19	15	6.560743	6.857837	5.953566	0.427865
sense_intrc	-	1	1	3	2	2	5	0.052745	0.067638	0.190918	0.163734
lincRNA	-	10	7	12	4	1	9	0.825528	0.741036	1.195257	0.512534
antisense	-	7	4	2	1	1	0	0.824699	0.60432	0.284299	0.182864
pseudogen	-	1	0	0	0	0	0	0.031941	0	0	0
sense_intrc	-	0	0	0	0	0	4	0	0	0	0
antisense	-	9	9	7	19	28	38	0.800778	1.026885	0.751477	2.62394
sense_intrc	-	2	2	3	0	2	4	0.101824	0.130575	0.184285	0
antisense	-	0	0	0	0	0	1	0	0	0	0
antisense	-	17	3	8	2	3	1	0.843524	0.190888	0.478946	0.154031
antisense	CIRBP_anti	7	13	17	14	21	22	0.511262	1.217582	1.498105	1.587098
protein_co	family_witl	0	0	0	6	9	7	0	0	0	0.581463
lincRNA	-	0	0	2	0	0	0	0	0	0.159592	0
lincRNA	-	0	0	0	0	2	0	0	0	0	0
pseudogen	-	9	1	5	23	21	17	0.299936	0.042736	0.20105	1.18972
lincRNA	-	5	0	3	0	0	1	0.316824	0	0.22936	0
antisense	-	3	1	5	0	0	0	0.211534	0.090421	0.42538	0
sense_intrc	-	3	1	0	1	1	0	0.127766	0.054614	0	0.066103
lincRNA	-	3	4	3	9	19	4	0.250303	0.42797	0.302004	1.165513
lincRNA	-	0	0	0	24	11	7	0	0	0	0.356327
pseudogen	-	1	0	3	0	0	0	0.096086	0	0.3478	0
protein_co	zinc_finger	57	46	44	78	59	24	0.444492	0.459998	0.41399	0.944092
lincRNA	-	0	1	0	0	0	0	0	0.104939	0	0
antisense	-	10	5	9	9	6	9	1.157778	0.742343	1.257233	1.617329
pseudogen	-	1	1	0	0	0	0	0.078675	0.100889	0	0
pseudogen	-	2	0	0	0	0	1	0.29215	0	0	0
lincRNA	-	188	172	200	9	24	13	4.969179	5.829946	6.378298	0.369232
lincRNA	-	41	39	47	24	24	26	0.856725	1.045037	1.184959	0.778394
lincRNA	-	0	0	0	16	26	9	0	0	0	1.612849
lincRNA	-	0	0	0	0	0	2	0	0	0	0
antisense	-	8	7	10	4	9	22	0.683279	0.766682	1.030519	0.530272
pseudogen	-	1	4	1	2	2	0	0.032405	0.166219	0.039098	0.100594
lincRNA	-	0	0	0	0	1	1	0	0	0	0
processed_	-	15	7	4	0	0	0	0.414223	0.247885	0.133276	0
lincRNA	-	2	0	1	13	14	10	0.113124	0	0.068245	1.1413
antisense	mir-497-19	0	0	0	2	1	0	0	0	0	0.037926
pseudogen	-	0	1	2	0	0	0	0	0.052378	0.098564	0
protein_co	sphingosin	198	168	183	93	114	64	7.914939	8.61194	8.826358	5.770266
lincRNA	long_interg	1	1	0	0	0	0	0.054971	0.070492	0	0
lincRNA	-	0	1	0	3	11	3	0	0.325026	0	1.180213
lincRNA	-	4	0	1	0	0	0	0.082372	0	0.024847	0
pseudogen	-	1	0	1	1	1	1	0.2084	0	0.251447	0.323466
sense_intrc	-	12	8	6	1	1	0	0.987158	0.843927	0.595532	0.127684
pseudogen	-	1	1	0	0	0	1	0.113811	0.145946	0	0
antisense	-	2	7	7	6	6	1	0.162249	0.728216	0.68517	0.7555
lincRNA	-	6	2	0	4	1	10	0.523911	0.223947	0	0.542121
3prime_ov	-	55	31	37	15	27	20	1.004264	0.725866	0.815146	0.425116
processed_	-	2	1	1	0	1	5	0.060503	0.038793	0.0365	0
lincRNA	-	5	2	1	15	4	5	0.427049	0.219052	0.103052	1.988519

antisense	-	1	0	0	1	0	0	0.081832	0	0	0.127015
antisense	-	2	3	2	2	2	1	0.147221	0.283186	0.177631	0.228508
pseudogen	-	1	0	1	0	0	0	0.105847	0	0.12771	0
antisense	-	0	1	0	1	0	0	0	0.114971	0	0.139158
antisense	-	4	6	8	34	33	41	0.46541	0.895233	1.123087	6.140231
lincRNA	-	0	1	0	0	0	0	0	0.116531	0	0
processed_	-	1	0	0	44	35	13	0.075265	0	0	5.140146
pseudogen	-	0	0	0	1	0	1	0	0	0	0.086849
processed_	-	3	4	1	1	4	2	0.238829	0.408352	0.096053	0.123565
processed_	-	80	54	56	45	49	39	1.56235	1.352357	1.319545	1.364053
antisense	-	1	0	0	0	0	0	0.028539	0	0	0
antisense	-	0	3	0	0	0	0	0	0.538476	0	0
antisense	-	15	9	18	14	20	10	1.953751	1.503245	2.828775	2.830326
lincRNA	-	0	2	0	1	0	1	0	0.172539	0	0.104419
lincRNA	-	1	1	2	0	0	1	0.013889	0.017811	0.033516	0
pseudogen	-	0	1	0	5	6	4	0	0.096827	0	0.585989
lincRNA	microRNA_	0	2	0	1	0	0	0	0.168904	0	0.102219
pseudogen	NADH_deh	3	4	4	3	2	0	0.558214	0.954441	0.898024	0.866426
pseudogen	-	0	2	0	0	0	1	0	0.534487	0	0
pseudogen	-	1	1	2	3	3	2	0.586125	0.751622	1.414388	2.729243
pseudogen	ribose_5-pl	1	0	0	0	0	0	0.063194	0	0	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.478814
lincRNA	-	0	1	1	9	7	3	0	0.07396	0.069589	0.80568
processed_	-	0	0	0	3	0	3	0	0	0	0.336424
antisense	-	5	1	6	0	0	0	0.14848	0.038081	0.21498	0
pseudogen	-	2	0	0	0	0	0	0.501498	0	0	0
lincRNA	-	1	0	0	0	1	1	0.07815	0	0	0
antisense	-	0	0	0	1	4	0	0	0	0	0.248395
pseudogen	-	57	55	27	39	93	52	3.287492	4.067821	1.878891	3.491282
lincRNA	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	0	1	3	2	0	0	0	0.119507
processed_	-	0	0	0	2	3	1	0	0	0	0.026911
sense_intrc	-	12	10	17	6	4	6	0.324125	0.34637	0.554023	0.251543
lincRNA	-	3	1	0	0	3	4	0.315404	0.13482	0	0
sense_intrc	-	0	1	0	0	0	0	0	0.26964	0	0
processed_	-	0	3	0	1	0	2	0	0.502477	0	0.202729
pseudogen	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	0	7	11	5	0	0	0	0.48153
pseudogen	-	0	1	0	6	7	4	0	0.112603	0	0.817751
lincRNA	-	2	1	0	0	0	0	0.037632	0.024129	0	0
antisense	-	1	1	0	0	0	0	0.018644	0.023908	0	0
pseudogen	-	1	1	2	1	3	1	0.053835	0.069035	0.129909	0.083559
lincRNA	-	0	1	0	0	2	1	0	0.070163	0	0
antisense	-	4	0	0	0	0	0	0.16072	0	0	0
lincRNA	-	3	3	4	1	0	1	0.066229	0.084929	0.106545	0.034265
lincRNA	-	0	1	1	3	0	1	0	0.102962	0.096876	0.373869
sense_intrc	-	6	5	3	6	7	20	0.394034	0.421077	0.237712	0.611595
lincRNA	-	1	4	0	0	1	2	0.110329	0.565927	0	0
lincRNA	-	0	0	0	3	1	3	0	0	0	0.083463
lincRNA	-	13	13	6	15	28	7	1.088518	1.39587	0.606166	1.949459
lincRNA	-	0	0	0	3	1	1	0	0	0	0.049176
lincRNA	-	0	2	0	1	2	0	0	0.0639	0	0.038672
antisense	-	1	3	1	1	1	1	0.163951	0.630732	0.197816	0.254475
antisense	-	1	0	0	1	0	0	0.074666	0	0	0.115891
pseudogen	-	0	0	0	0	2	0	0	0	0	0
antisense	-	0	0	0	0	1	0	0	0	0	0
sense_intrc	-	0	0	1	1	2	1	0	0	0.046222	0.059461
protein_co	ferredoxin_	1	0	0	0	0	1	0.023972	0	0	0
lincRNA	-	2	0	0	0	0	0	0.275824	0	0	0
pseudogen	threonine_	6	4	8	4	10	8	0.245712	0.21006	0.395287	0.254253
lincRNA	-	0	0	2	0	0	0	0	0	0.271345	0
protein_co	zinc_finger_	29	21	20	13	7	9	0.454179	0.421752	0.377926	0.316011
pseudogen	-	5	1	2	2	2	2	0.7815	0.200433	0.37717	0.485199
sense_intrc	-	10	4	13	6	2	5	1.2504	0.641384	1.961284	1.164477
lincRNA	-	0	0	0	0	0	1	0	0	0	0

pseudogen	-	0	0	1	0	0	0	0	0	0.290131	0
antisense	-	6	2	1	0	0	1	0.128466	0.054913	0.025834	0
pseudogen	SHC_(Src_h	2	2	0	2	4	0	0.063839	0.081865	0	0.099088
pseudogen	TAF9_RNA_	0	1	0	1	1	1	0	0.473463	0	0.573069
antisense	-	9	7	4	0	1	5	0.84741	0.845198	0.454422	0
lincRNA	-	0	0	0	1	0	1	0	0	0	0.159256
antisense	-	3	2	1	9	3	3	0.218771	0.187029	0.087987	1.018691
sense_intrc	-	1	0	0	1	0	0	0.166868	0	0	0.259003
sense_intrc	-	25	25	11	0	1	2	0.278114	0.356642	0.147647	0
antisense	-	0	0	1	0	0	0	0	0	0.141086	0
antisense	-	0	0	0	2	1	0	0	0	0	0.35416
pseudogen	-	2	0	5	3	0	1	0.161969	0	0.488562	0.377097
antisense	-	1	0	0	0	4	0	0.03947	0	0	0
protein_co	Uncharacte	24	19	20	13	23	24	1.780634	1.8077	1.790364	1.497053
lincRNA	-	0	0	0	0	5	3	0	0	0	0
pseudogen	-	0	0	0	1	0	2	0	0	0	0.182864
antisense	-	0	0	0	1	10	1	0	0	0	0.103971
antisense	-	4	2	4	3	14	4	0.455243	0.291892	0.549277	0.52995
pseudogen	serine/argi	1	4	1	2	0	0	0.061374	0.314816	0.074052	0.190523
lincRNA	-	0	0	0	14	26	9	0	0	0	1.625067
antisense	-	5	6	2	5	1	0	0.110746	0.17042	0.053449	0.171894
antisense	-	0	1	0	2	2	12	0	0.305227	0	0.738881
lincRNA	-	3	1	3	6	7	4	0.218093	0.093224	0.263142	0.677021
lincRNA	-	3	0	2	3	0	0	0.048191	0	0.038764	0.074799
pseudogen	-	0	0	0	10	9	7	0	0	0	0.693141
lincRNA	-	2	0	3	5	4	4	0.125711	0	0.227515	0.4878
lincRNA	-	4	1	4	3	2	0	0.234744	0.075256	0.283232	0.273266
pseudogen	ubiquitin-c	3	2	0	0	3	3	0.303168	0.25918	0	0
pseudogen	family_witl	1	0	0	3	5	7	0.070617	0	0	0.328824
antisense	-	1	0	1	1	0	1	0.085566	0	0.10324	0.13281
processed_	-	2	1	1	2	4	2	0.077376	0.049612	0.046679	0.120099
antisense	-	0	0	0	1	0	0	0	0	0	0.14355
antisense	-	1	2	1	2	0	2	0.083583	0.214366	0.100848	0.259465
sense_intrc	-	0	0	0	2	2	1	0	0	0	0.072202
processed_	-	14	4	7	37	49	31	0.12617	0.046227	0.076115	0.517558
antisense	-	9	15	17	19	27	19	0.58694	1.254446	1.337668	1.923249
sense_intrc	-	12	6	8	10	10	19	0.291998	0.187223	0.234875	0.377684
pseudogen	-	11	12	15	13	18	14	0.621434	0.869346	1.022449	1.139925
antisense	-	1	0	1	0	4	1	0.094536	0	0.114064	0
sense_intrc	-	5	7	8	5	9	14	1.019348	1.830037	1.967844	1.58217
lincRNA	-	0	0	0	1	3	2	0	0	0	0.131371
lincRNA	-	1	1	0	0	1	0	0.066605	0.085412	0	0
antisense	-	2	0	0	0	2	1	0.201677	0	0	0
antisense	-	6	5	2	0	1	1	0.320798	0.342815	0.129021	0
antisense	-	6	4	3	3	8	1	0.391294	0.334519	0.236059	0.303671
lincRNA	-	0	0	0	15	9	13	0	0	0	0.525612
antisense	-	10	12	8	3	12	14	0.919412	1.414819	0.887459	0.428116
pseudogen	-	0	0	0	10	7	2	0	0	0	6.556739
sense_intrc	-	2	0	1	3	2	4	0.161411	0	0.097376	0.375799
lincRNA	-	2	1	3	1	8	2	0.111114	0.071244	0.201098	0.086232
pseudogen	-	1	2	1	1	1	5	0.100839	0.258623	0.121668	0.156516
antisense	-	0	1	0	1	0	0	0	0.190888	0	0.231047
antisense	-	0	0	1	0	0	0	0	0	0.015759	0
processed_	-	4	6	5	3	4	3	0.37512	0.721558	0.565755	0.436679
antisense	-	0	0	2	0	0	0	0	0	0.057263	0
lincRNA	-	0	1	0	0	0	0	0	0.232161	0	0
pseudogen	-	5	3	2	4	3	4	0.411316	0.316473	0.198511	0.510735
protein_co	Homo_sapi	0	0	0	0	0	2	0	0	0	0
protein_co	lin-37_hom	12	8	4	2	4	7	0.344147	0.294213	0.138411	0.089027
pseudogen	nuclear_re	0	0	0	5	2	10	0	0	0	0.423631
sense_intrc	-	1	3	0	1	0	2	0.066042	0.25407	0	0.102507
pseudogen	-	0	0	0	0	4	2	0	0	0	0
pseudogen	-	3	1	0	0	0	2	0.515275	0.220256	0	0
antisense	-	0	1	0	0	2	1	0	0.018939	0	0
lincRNA	-	0	0	0	1	0	1	0	0	0	0.186615

lincRNA	-	0	1	0	0	1	0	0	0.050871	0	0
pseudogen	NADH_deh	53	43	53	62	62	56	2.73999	2.850696	3.305956	4.975025
protein_co	-	0	0	1	0	0	0	0	0	0.150868	0
lincRNA	-	3	0	0	1	2	2	0.283038	0	0	0.146438
lincRNA	-	7	1	4	0	2	1	0.636105	0.116531	0.43857	0
protein_co	HCG20223	0	1	0	0	0	0	0	0.108931	0	0
protein_co	Uncharacte	1	10	3	3	8	12	0.09589	1.229648	0.347089	0.446502
protein_co	-	0	0	2	2	0	0	0	0	0.454422	0.584577
antisense	-	2	2	0	1	2	0	0.258347	0.331294	0	0.200495
protein_co	NADH_deh	8	2	14	5	14	15	0.62416	0.200099	1.317899	0.605489
protein_co	-	1	0	5	6	3	0	0.063796	0	0.384867	0.594121
antisense	-	22	23	46	10	13	22	0.401862	0.538755	1.013819	0.283521
lincRNA	-	0	1	1	4	3	8	0	0.046361	0.04362	0.224456
antisense	-	3	4	3	2	12	3	0.19757	0.337808	0.23838	0.204438
sense_intrc	-	1	0	1	0	0	0	0.115778	0	0.139693	0
antisense	-	0	0	0	1	1	0	0	0	0	0.135783
protein_co	HCG20187	8	6	4	9	5	22	0.168821	0.162367	0.101846	0.294788
protein_co	-	0	0	0	0	1	0	0	0	0	0
protein_co	-	0	1	0	1	0	0	0	0.160346	0	0.194079
lincRNA	-	67	43	49	94	120	165	5.407283	4.450226	4.771428	11.77505
protein_co	Uncharacte	0	0	1	1	1	0	0	0	0.392885	0.505415
lincRNA	-	0	0	0	4	6	6	0	0	0	0.506294
antisense	-	1	0	1	1	2	2	0.029677	0	0.035807	0.046063
protein_co	Uncharacte	4	1	0	1	2	0	0.264542	0.084809	0	0.102651
antisense	-	0	5	4	2	1	7	0	0.54863	0.41296	0.26562
lincRNA	-	2	1	0	6	0	1	0.114506	0.073419	0	0.533185
sense_intrc	-	97	84	102	70	80	89	8.330278	9.250738	10.56905	9.330744
antisense	-	0	0	0	8	2	0	0	0	0	1.332353
protein_co	zinc_finger	1	1	5	0	1	5	0.031449	0.040329	0.189723	0
protein_co	Homo_sapi	0	0	2	15	33	41	0	0	0.053273	0.513982
protein_co	-	3	9	3	6	8	1	0.226522	0.871446	0.273312	0.703186
lincRNA	-	1	1	2	1	4	2	0.086513	0.110941	0.208766	0.13428
pseudogen	sorting_ne	1	2	0	3	4	7	0.038309	0.098251	0	0.178382
lincRNA	-	3	2	3	0	0	0	0.423705	0.362228	0.511224	0
lincRNA	-	0	1	0	8	10	8	0	0.026246	0	0.254142
antisense	-	2	1	3	0	1	2	0.162249	0.104031	0.293644	0
antisense	-	9	4	15	10	13	6	0.082199	0.046848	0.165297	0.14176
protein_co	Uncharacte	0	3	0	1	3	0	0	0.770895	0	0.311025
pseudogen	-	6	0	4	0	0	2	0.842336	0	0.677551	0
lincRNA	-	7	10	5	14	18	16	0.779644	1.428261	0.671918	2.420231
lincRNA	-	9	8	8	9	10	9	0.311907	0.355535	0.334519	0.484123
protein_co	HCG19838	1	3	3	2	9	3	0.04018	0.154575	0.145438	0.12473
protein_co	Uncharacte	26	13	29	6	5	4	5.976179	3.831801	8.042596	2.140582
lincRNA	-	59	55	45	33	43	27	4.542711	5.430441	4.180456	3.943733
lincRNA	microRNA_	4	5	6	25	16	6	0.207938	0.333314	0.376334	2.017179
protein_co	-	0	1	0	0	0	0	0	0.031748	0	0
protein_co	Uncharacte	0	2	0	0	0	3	0	0.48297	0	0
antisense	-	5	5	2	8	3	11	0.314276	0.403015	0.151677	0.78048
protein_co	Uncharacte	0	0	0	1	2	0	0	0	0	0.209137
protein_co	Uncharacte	5	8	3	4	9	6	3.00577	6.167159	2.175981	3.732297
antisense	-	0	2	2	0	0	0	0	0.309947	0.291626	0
antisense	-	0	1	0	1	1	0	0	0.075445	0	0.091317
protein_co	hsa-mir-15	1	0	0	0	0	0	0.056223	0	0	0
antisense	-	29	17	19	3	1	13	0.69061	0.51915	0.545929	0.110888
antisense	PTOV1_ant	140	150	155	135	144	143	2.063691	2.835419	2.756744	3.088737
protein_co	Uncharacte	1	0	1	2	0	0	0.236818	0	0.285735	0.73515
antisense	-	7	3	4	7	15	6	0.551647	0.303175	0.38034	0.856233
lincRNA	-	0	0	0	1	0	2	0	0	0	0.110106
antisense	-	26	27	20	25	41	25	0.609266	0.811347	0.565472	0.909293
pseudogen	-	2	2	5	28	18	10	0.06689	0.085777	0.201767	1.45352
pseudogen	-	7	1	7	10	7	11	0.439398	0.080495	0.530159	0.974295
protein_co	Uncharacte	5	5	2	3	13	7	0.667949	0.85655	0.322368	0.62205
pseudogen	-	5	1	9	4	7	6	0.347333	0.089081	0.75434	0.431288
antisense	-	7	4	7	12	16	15	0.678161	0.49694	0.818241	1.804458
antisense	-	17	15	22	6	11	8	0.690754	0.781583	1.078562	0.378405

sense_intrc	-	1	0	0	3	0	2	0.077249	0	0	0.359702
pseudogen	-	1	0	0	0	0	0	0.024473	0	0	0
antisense	-	0	0	0	1	2	0	0	0	0	0.131847
antisense	-	4	6	2	0	1	0	0.401628	0.772546	0.242293	0
pseudogen	-	1	1	2	0	1	2	0.084335	0.108147	0.203509	0
antisense	NAPA_antis	3	7	5	0	4	3	0.080245	0.240108	0.161368	0
processed_	FMR1_anti	0	1	0	5	6	1	0	0.025191	0	0.15245
protein_co	Uncharacte	6	1	0	1	1	0	0.260019	0.055573	0	0.067264
pseudogen	-	1	1	2	7	6	3	0.081976	0.105122	0.197816	0.890662
protein_co	Uncharacte	3	2	1	1	1	1	1.267298	1.08342	0.509689	0.655674
protein_co	-	2	0	1	5	2	0	2.084001	0	1.257233	8.086645
lincRNA	-	90	52	52	50	53	76	11.22367	8.315823	7.824272	9.678165
processed_	-	5	8	4	5	8	1	0.306071	0.627987	0.295433	0.475064
antisense	-	1	2	0	2	7	7	0.080984	0.207702	0	0.251398
protein_co	Uncharacte	2	2	4	5	13	5	0.822632	1.054909	1.985105	3.192097
pseudogen	-	0	1	1	6	6	9	0	0.067109	0.063142	0.487365
antisense	-	4	0	4	3	2	0	0.360692	0	0.435196	0.419883
protein_co	Uncharacte	0	0	0	2	6	4	0	0	0	2.425993
pseudogen	vomeronas	1	0	0	3	3	2	0.199532	0	0	0.929104
processed_	-	7	4	9	422	472	321	0.069985	0.051283	0.108567	6.54863
protein_co	Uncharacte	0	0	1	0	0	0	0	0	0.459963	0
protein_co	Uncharacte	0	0	0	0	1	1	0	0	0	0
pseudogen	polycomb_	0	0	0	3	1	1	0	0	0	0.207744
protein_co	-	0	0	0	1	1	0	0	0	0	3.465705
pseudogen	-	0	0	0	4	1	1	0	0	0	0.34452
protein_co	-	0	0	0	0	1	2	0	0	0	0
antisense	-	8	9	7	5	4	6	0.759353	1.095482	0.801677	0.736638
protein_co	HBcAg-binc	1	1	0	4	5	0	0.07934	0.101742	0	0.492587
protein_co	Uncharacte	1	0	0	0	0	0	0.070617	0	0	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	6	6	9	9	14	3	0.428219	0.549131	0.775007	0.996984
protein_co	Uncharacte	3	1	0	1	1	0	0.3126	0.133622	0	0.161733
protein_co	Uncharacte	25	10	18	18	13	28	0.569884	0.292318	0.49507	0.636867
pseudogen	-	1	0	1	5	10	1	0.084335	0	0.101755	0.654495
protein_co	LOC64690	82	39	57	40	61	43	2.615634	1.59528	2.193744	1.980403
protein_co	Uncharacte	15	19	13	2	2	0	2.093304	3.400197	2.188933	0.433213
protein_co	small_integ	7	7	1	3	2	0	0.305047	0.391179	0.052579	0.202918
lincRNA	-	0	0	0	1	7	0	0	0	0	0.166544
processed_	-	10	9	12	6	14	9	0.264766	0.305572	0.383346	0.246572
antisense	-	0	5	1	6	4	6	0	0.172489	0.032459	0.250533
sense_intrc	-	8	9	13	20	33	7	0.682037	0.983942	1.337239	2.646538
antisense	-	0	0	0	3	0	2	0	0	0	0.259003
lincRNA	-	164	194	180	195	318	261	1.806003	2.739591	2.391637	3.333035
protein_co	-	3	3	6	2	1	0	4.262729	5.466345	10.28646	4.410897
protein_co	CDNA:_FLJ	7	15	9	3	6	3	0.177806	0.488595	0.275829	0.118277
protein_co	-	1	0	0	0	0	0	1.042	0	0	0
protein_co	-	44	42	35	32	40	35	0.563705	0.690014	0.541023	0.636326
antisense	-	58	45	51	39	33	44	1.527019	1.519282	1.620073	1.593718
pseudogen	eukaryotic_	0	1	0	0	2	0	0	0.043135	0	0
pseudogen	-	2	5	4	54	64	13	0.088472	0.283631	0.213492	3.70765
processed_	-	39	27	23	7	8	11	0.550485	0.488713	0.391703	0.153359
sense_intrc	-	0	0	0	0	1	0	0	0	0	0
antisense	antisense_c	0	0	0	0	2	2	0	0	0	0
sense_over	-	0	0	1	2	7	0	0	0	0.06451	0.165974
protein_co	-	2	4	0	1	3	2	2.605001	6.681088	0	2.021661
lincRNA	-	1	0	0	0	2	0	0.086994	0	0	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.129042
pseudogen	-	0	0	0	0	0	6	0	0	0	0
lincRNA	-	17	6	8	4	1	13	1.012872	0.458423	0.5751	0.36991
lincRNA	-	2	0	1	1	0	0	0.156823	0	0.094608	0.121705
antisense	-	1	1	0	0	1	0	0.167464	0.214749	0	0
pseudogen	-	1	0	1	0	0	0	0.137105	0	0.165425	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.27885
pseudogen	C-type_lect	0	0	0	9	10	1	0	0	0	0.752894
antisense	-	0	1	0	0	1	1	0	0.163841	0	0

protein_co	Uncharacte	2	0	0	0	0	0	0.496191	0	0	0
lincRNA	-	3	1	1	3	7	1	0.306471	0.131002	0.123258	0.475685
lincRNA	-	0	0	0	2	5	0	0	0	0	0.263695
lincRNA	-	0	0	0	0	4	0	0	0	0	0
pseudogen	-	3	0	2	0	3	0	0.251646	0	0.202417	0
protein_co	HCG17778	0	0	0	4	9	7	0	0	0	0.127071
lincRNA	-	0	0	1	0	0	0	0	0	0.098392	0
protein_co	-	1	4	0	1	0	2	0.300577	1.54179	0	0.466537
protein_co	Uncharacte	2	0	1	0	2	1	0.488438	0	0.294664	0
processed_	-	7	0	9	16	6	8	0.284675	0	0.441613	1.009954
lincRNA	-	1	0	5	1	1	1	0.109813	0	0.662477	0.170444
protein_co	Uncharacte	0	0	0	13	26	7	0	0	0	2.034704
pseudogen	vomeronas	11	8	14	14	18	22	1.386533	1.293114	2.129186	2.739025
protein_co	HCG16587	0	0	0	55	46	28	0	0	0	3.882531
lincRNA	-	48	41	45	51	42	92	1.144822	1.253978	1.294963	1.887981
antisense	-	21	30	25	10	5	6	0.541634	0.992241	0.777991	0.400329
antisense	-	5	7	7	7	4	3	0.420161	0.754316	0.709729	0.913008
protein_co	HCG18184	2	0	1	1	1	1	0.276637	0	0.166889	0.21469
antisense	-	0	1	0	1	0	0	0	0.231268	0	0.279922
pseudogen	-	0	0	0	1	7	0	0	0	0	0.035125
lincRNA	FOXF1_adj	0	0	0	0	0	3	0	0	0	0
lincRNA	-	5	4	4	2	2	4	0.507468	0.520604	0.489831	0.315064
protein_co	Uncharacte	0	0	2	1	0	0	0	0	1.50868	0.970397
lincRNA	-	2	2	1	4	2	3	0.17239	0.221065	0.103999	0.535146
protein_co	-	3	4	6	7	8	7	2.930626	5.010816	7.071938	10.61372
protein_co	LOC64465	3	2	3	0	8	9	0.532841	0.455529	0.642903	0
protein_co	CDNA_FLJ2	3	1	4	2	3	3	0.076327	0.032626	0.12279	0.07898
protein_co	Uncharacte	1	1	3	6	5	5	0.114927	0.147377	0.415996	1.070291
protein_co	-	0	0	0	0	1	0	0	0	0	0
protein_co	Uncharacte	0	2	0	0	1	1	0	0.18732	0	0
protein_co	Uncharacte	0	0	1	2	1	1	0	0	0.114294	0.29406
pseudogen	-	0	0	0	1	0	0	0	0	0	0.108303
pseudogen	-	3	0	0	2	8	8	0.341432	0	0	0.3533
pseudogen	hepatitis_A	1	5	3	1	2	3	0.044403	0.284705	0.160726	0.06892
protein_co	-	0	0	0	2	1	0	0	0	0	2.85411
lincRNA	-	0	0	0	0	3	0	0	0	0	0
processed_	-	3	3	2	1	1	1	0.042041	0.053912	0.033817	0.021751
protein_co	Uncharacte	1	0	0	2	0	5	0.197848	0	0	0.614176
protein_co	-	1	10	3	3	3	7	0.042054	0.539281	0.152221	0.19582
pseudogen	-	0	0	0	0	1	3	0	0	0	0
protein_co	Protein_LO	0	0	1	0	0	0	0	0	0.013381	0
lincRNA	microRNA_	77	70	57	47	71	38	1.20351	1.403029	1.074935	1.140217
protein_co	LOC100132	0	0	4	1	1	0	0	0	0.200267	0.064407
protein_co	Uncharacte	2	1	1	0	0	0	0.226522	0.145241	0.136656	0
sense_intrc	-	0	3	1	11	19	25	0	0.373477	0.117134	1.657511
sense_intrc	-	0	3	3	1	2	1	0	0.417568	0.392885	0.168472
pseudogen	interferon_	0	1	0	0	1	0	0	0.12002	0	0
antisense	-	62	59	49	69	74	114	1.074743	1.311519	1.024843	1.85649
lincRNA	-	5	4	5	5	7	4	0.374521	0.384216	0.451881	0.581308
sense_intrc	-	6	0	2	2	3	3	0.594799	0	0.23922	0.307737
pseudogen	vomeronas	2	17	8	10	20	31	0.210742	2.297093	1.017088	1.635501
pseudogen	cytochrom	0	0	0	4	4	2	0	0	0	0.356327
lincRNA	-	0	0	0	1	1	0	0	0	0	0.035244
protein_co	-	1	0	0	0	0	1	0.09	0	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	1	1	1	6	3	1	0.112177	0.143851	0.135348	1.044686
protein_co	Uncharacte	1	0	0	0	1	3	0.679565	0	0	0
protein_co	-	4	1	3	1	0	2	0.726977	0.233061	0.657855	0.282092
lincRNA	-	5	4	9	2	2	2	0.473637	0.485897	1.028646	0.29406
pseudogen	vomeronas	3	1	0	0	6	3	0.673062	0.287702	0	0
antisense	-	86	53	72	7	11	10	2.038696	1.611162	2.059371	0.257562
protein_co	Uncharacte	3	0	0	0	1	0	0.493579	0	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	0	6	12	7	0	0	0	0.370695
protein_co	-	2	0	0	0	0	0	3.126001	0	0	0

lincRNA	-	0	1	0	0	0	0	0	0.095748	0	0
antisense	-	2	3	0	0	2	0	0.263427	0.506712	0	0
lincRNA	-	2	0	0	1	2	2	0.070617	0	0	0.054804
lincRNA	-	14	10	10	39	53	43	0.149808	0.13722	0.129109	0.647744
processed_	-	83	58	91	75	99	48	0.766267	0.686656	1.013658	1.074716
protein_co	Uncharacte	15	9	11	6	8	7	2.605001	2.004327	2.304928	1.617329
antisense	-	1	1	1	2	0	0	0.082845	0.106236	0.099957	0.257172
antisense	-	13	4	4	7	16	10	0.766755	0.30254	0.284657	0.640828
protein_co	Uncharacte	48	36	32	47	52	17	1.293518	1.244065	1.040469	1.965891
pseudogen	-	2	4	1	4	2	4	0.202987	0.520604	0.122458	0.630128
pseudogen	vomeronas	2	1	2	2	2	1	0.277456	0.177899	0.334766	0.43065
lincRNA	-	0	0	0	1	0	0	0	0	0	0.130899
antisense	-	1	0	1	1	1	0	0.073726	0	0.088955	0.114434
lincRNA	-	0	3	0	5	3	3	0	0.46733	0	0.942744
lincRNA	-	1	0	2	1	0	0	0.332553	0	0.802489	0.516169
pseudogen	-	0	0	0	0	0	2	0	0	0	0
lincRNA	-	1	0	1	0	0	0	0.045217	0	0.054557	0
protein_co	Uncharacte	0	0	1	0	0	0	0	0	0.147332	0
protein_co	Uncharacte	3	8	7	2	1	5	0.768689	2.628625	2.16409	0.795408
protein_co	-	0	0	0	1	4	0	0	0	0	0.019891
lincRNA	hsa-mir-29	15	12	12	43	44	30	1.184091	1.214743	1.142939	5.268571
processed_	-	2	2	0	1	5	1	0.102942	0.132008	0	0.07989
lincRNA	-	1	0	1	5	0	1	0.095112	0	0.114758	0.738132
protein_co	-	0	3	3	0	4	0	0	2.863324	2.694072	0
protein_co	Uncharacte	0	1	0	0	1	1	0	0.023162	0	0
lincRNA	-	0	0	0	20	20	11	0	0	0	0.387127
pseudogen	-	0	0	0	0	1	0	0	0	0	0
protein_co	Uncharacte	1	0	1	0	0	0	0.347333	0	0.419078	0
sense_intrc	-	39	27	26	13	23	29	2.673554	2.373545	2.150531	1.383242
protein_co	UPF0627_p	0	0	0	0	1	0	0	0	0	0
antisense	-	2	2	3	2	1	5	0.089742	0.115081	0.162418	0.139291
sense_intrc	-	0	0	1	0	0	0	0	0	0.136987	0
antisense	-	1	2	1	6	5	2	0.01437	0.036856	0.017338	0.133827
protein_co	Uncharacte	8	10	17	3	6	2	1.838824	2.947539	4.714625	1.070291
pseudogen	-	0	0	0	0	3	0	0	0	0	0
lincRNA	-	1	3	0	2	1	0	0.092485	0.355798	0	0.2871
pseudogen	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	30	35	16	45	49	46	1.015668	1.519526	0.65358	2.364687
pseudogen	-	1	0	2	1	1	1	0.041643	0	0.100489	0.064636
pseudogen	-	0	1	0	1	0	0	0	0.16938	0	0.205014
protein_co	Uncharacte	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	1	0	2	0	2	0	0.152614	0	0.369441
protein_co	Uncharacte	1	1	1	0	1	0	0.488438	0.626352	0.589328	0
sense_intrc	-	6	3	4	8	9	4	0.758329	0.486225	0.609978	1.569376
protein_co	Uncharacte	1	0	1	0	0	0	0.018083	0	0.021819	0
lincRNA	-	5	3	5	2	2	0	0.681541	0.524388	0.822318	0.423138
pseudogen	-	2	1	5	0	0	1	0.302516	0.193967	0.912508	0
lincRNA	secretoglob	0	0	0	20	19	5	0	0	0	2.378425
antisense	-	3	2	5	1	3	3	0.248534	0.212473	0.499784	0.128586
pseudogen	egf-like_mc	0	0	0	0	0	1	0	0	0	0
protein_co	Protein_LO	0	0	1	0	0	0	0	0	0.01035	0
antisense	-	3	4	2	1	3	1	0.428872	0.73329	0.344973	0.22189
pseudogen	ribosomal_	0	0	1	0	0	0	0	0	0.077821	0
protein_co	Small_inte	0	1	1	0	0	1	0	0.062897	0.059179	0
protein_co	Uncharacte	22	10	18	60	73	45	0.9378	0.546635	0.925781	3.969807
protein_co	Uncharacte	4	1	1	2	0	2	1.894546	0.607372	0.57147	1.470299
lincRNA	-	0	0	0	1	1	0	0	0	0	0.038225
protein_co	HCG40128	1	0	0	1	1	0	0.135913	0	0	0.210956
protein_co	Uncharacte	13	4	5	4	3	2	0.843112	0.332668	0.391255	0.402655
lincRNA	-	17	9	3	5	8	10	1.200497	0.815012	0.255612	0.548041
protein_co	Uncharacte	0	1	0	3	5	0	0	0.911058	0	3.308173
lincRNA	-	4	4	3	1	4	9	0.342889	0.439706	0.310286	0.133053
protein_co	HCG20053	0	0	2	2	1	0	0	0	0.089377	0.114976
antisense	-	1	1	0	4	7	0	0.130613	0.167492	0	0.810917
pseudogen	sialic_acid_	0	0	0	1	4	0	0	0	0	0.132087

pseudogen	sialic_acid_	0	1	0	0	0	0	0	0.084215	0	0
protein_co	CDNA_FLJ2	12	7	13	3	3	6	0.288554	0.215851	0.37717	0.111969
protein_co	Uncharacte	3	1	3	5	3	0	1.065682	0.455529	1.285807	2.756811
protein_co	Uncharacte	0	0	0	0	4	1	0	0	0	0
protein_co	Protein_LO	14	3	6	4	5	9	0.276637	0.076017	0.143048	0.12268
pseudogen	-	0	0	0	1	0	0	0	0	0	0.075498
pseudogen	espin_pseu	1	1	3	53	67	33	0.02327	0.029841	0.084232	1.914307
antisense	-	0	0	1	0	0	1	0	0	0.098051	0
pseudogen	IGF-like_far	0	1	0	0	0	0	0	0.167027	0	0
pseudogen	-	3	2	2	1	0	0	0.236818	0.202457	0.19049	0.122525
protein_co	Uncharacte	9	9	7	15	28	32	0.567218	0.727377	0.532296	1.467335
lincRNA	-	0	0	0	1	4	1	0	0	0	0.130196
protein_co	Uncharacte	11	5	10	5	7	7	6.612695	3.854474	7.25327	4.665372
antisense	PLCE1_anti	8	3	6	0	0	0	0.222888	0.107183	0.201695	0
antisense	A1BG_antis	25	19	31	5	10	3	0.550352	0.536369	0.823399	0.170845
antisense	-	1	2	0	1	2	2	0.104665	0.268437	0	0.162455
pseudogen	-	2	2	5	19	34	27	0.124212	0.159284	0.374672	1.831545
lincRNA	-	4	3	7	5	3	9	0.074517	0.071668	0.157341	0.144576
lincRNA	-	24	29	15	38	34	12	2.540317	3.936262	1.915649	6.242963
protein_co	Uncharacte	0	1	0	1	0	5	0	1.002163	0	1.212997
protein_co	-	4	7	2	2	2	2	0.044978	0.100937	0.027135	0.034906
antisense	-	0	0	1	3	1	1	0	0	0.110715	0.427279
antisense	-	1	0	1	5	11	0	0.111378	0	0.134384	0.864368
protein_co	HCG17855	18	12	14	0	0	0	0.893143	0.763553	0.838156	0
protein_co	CDC28_prc	7	3	6	10	14	11	1.367626	0.751622	1.414388	3.032492
lincRNA	-	3	2	3	5	9	2	0.221528	0.189385	0.267286	0.573069
sense_intrc	-	1	4	7	8	14	16	0.046152	0.236731	0.389792	0.573069
protein_co	Uncharacte	5	5	3	7	14	21	0.898276	1.151912	0.650293	1.951949
pseudogen	mitochond	2	0	0	1	2	0	0.029962	0	0	0.023252
protein_co	HCG17876	3	0	3	6	5	4	0.332553	0	0.401245	1.032338
protein_co	Uncharacte	0	0	0	0	1	1	0	0	0	0
protein_co	endogenou	0	0	0	6	2	2	0	0	0	0.179629
protein_co	Uncharacte	0	0	2	1	0	0	0	0	0.265613	0.170845
sense_intrc	-	29	26	13	69	72	79	2.111507	2.4276	1.142052	7.797836
protein_co	HCG19799	0	1	1	0	0	0	0	0.646557	0.608339	0
antisense	-	0	0	0	0	0	1	0	0	0	0
sense_intrc	-	0	1	0	0	0	1	0	0.111351	0	0
pseudogen	-	1	0	1	1	4	2	0.061374	0	0.074052	0.095262
pseudogen	vomeronas	12	11	6	4	8	27	1.580562	1.857943	0.95352	0.817751
protein_co	Uncharacte	24	8	15	20	20	29	3.572573	1.527106	2.694072	4.62094
pseudogen	zinc_finger	0	0	0	1	5	2	0	0	0	0.177946
pseudogen	solute_carr	0	0	1	1	2	0	0	0	0.153321	0.197235
pseudogen	-	1	0	1	0	1	1	0.037009	0	0.044653	0
antisense	-	2	6	1	7	2	3	0.097994	0.376989	0.059118	0.53235
pseudogen	-	0	0	0	2	1	0	0	0	0	0.149445
protein_co	Uncharacte	0	1	2	1	1	0	0	0.098251	0.184887	0.118921
protein_co	MT-RNR2-li	10	8	5	7	24	19	0.459706	0.471606	0.277331	0.499469
lincRNA	-	0	0	0	8	13	5	0	0	0	0.351381
lincRNA	-	5	2	9	5	13	7	0.518695	0.266061	1.126503	0.805086
pseudogen	-	3	0	0	3	5	2	0.252549	0	0	0.391992
sense_intrc	-	144	112	141	84	113	147	4.602701	4.590687	5.437727	4.167351
protein_co	-	0	0	0	1	0	0	0	0	0	1.866149
protein_co	CDNA_FLJ2	2	0	0	1	5	0	0.04006	0	0	0.031089
protein_co	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	2	0	0	12	16	10	0.172073	0	0	1.602491
antisense	-	9	2	11	6	14	6	0.53419	0.152227	0.78776	0.552758
pseudogen	-	0	0	0	1	0	0	0	0	0	0.126574
protein_co	calreticulin	0	0	0	0	1	0	0	0	0	0
protein_co	Uncharacte	4	0	0	0	0	0	1.453954	0	0	0
antisense	-	9	5	4	2	2	5	0.69182	0.492867	0.370987	0.238622
antisense	-	0	0	0	0	0	2	0	0	0	0
pseudogen	-	26	19	25	37	24	17	0.597911	0.560307	0.693667	1.320673
antisense	-	0	0	0	3	1	0	0	0	0	0.123845
protein_co	-	1	0	2	0	0	0	1.3025	0	3.143084	0
protein_co	Uncharacte	0	0	1	0	0	0	0	0	0.57147	0

lincRNA	-	0	0	0	19	21	11	0	0	0	0.26081
protein_co	Uncharacte	3	3	4	10	19	7	0.107959	0.138442	0.173678	0.558556
antisense	-	0	2	0	2	0	0	0	0.210982	0	0.255368
pseudogen	-	0	1	0	3	6	2	0	0.079118	0	0.287289
antisense	-	2	1	6	5	6	8	0.209799	0.134519	0.759403	0.814092
protein_co	Uncharacte	2	1	1	2	2	3	0.488438	0.313176	0.294664	0.758123
protein_co	-	0	0	3	1	0	3	0	0	4.351962	1.866149
protein_co	-	0	2	0	9	10	4	0	0.385447	0	2.099417
pseudogen	family_witl	0	0	0	2	0	1	0	0	0	0.105939
protein_co	Uncharacte	0	0	0	1	1	2	0	0	0	0.391289
antisense	-	0	0	0	0	1	0	0	0	0	0
antisense	-	0	0	0	1	1	1	0	0	0	0.399889
antisense	-	83	67	80	101	97	55	1.610874	1.667507	1.873361	3.042533
pseudogen	-	2	0	0	0	0	0	0.119161	0	0	0
antisense	-	2	0	0	0	4	5	0.295836	0	0	0
antisense	-	13	4	9	7	9	6	0.797867	0.314816	0.666465	0.666831
pseudogen	-	1	1	0	4	1	4	0.069364	0.088949	0	0.43065
antisense	-	7	6	8	5	11	9	0.713544	0.784302	0.983922	0.791085
protein_co	HCG17453	9	3	5	8	7	7	0.267264	0.114243	0.17915	0.368739
antisense	-	2	5	2	1	0	2	0.256932	0.823696	0.310003	0.199397
protein_co	Uncharacte	8	4	4	3	3	10	0.198162	0.127057	0.119547	0.11534
antisense	-	0	2	1	0	1	1	0	0.158236	0.074441	0
antisense	-	1	0	1	0	0	1	0.083583	0	0.100848	0
sense_intrc	-	8	5	1	2	13	6	0.356917	0.28606	0.05383	0.138496
protein_co	F-box_prot	351	310	331	156	215	140	6.906587	7.822172	7.858369	4.764435
antisense	-	3	4	5	4	11	6	0.319705	0.546635	0.642903	0.661635
antisense	-	0	0	0	1	0	0	0	0	0	0.139961
lincRNA	-	4	2	2	2	2	0	0.121634	0.077989	0.073379	0.094397
protein_co	Uncharacte	0	1	0	1	3	0	0	0.083514	0	0.101083
protein_co	long_interg	0	0	0	1	4	3	0	0	0	0.033694
pseudogen	-	0	0	0	1	3	0	0	0	0	0.061006
pseudogen	-	19	17	12	5	9	7	1.774722	2.036268	1.352403	0.724898
antisense	-	3	1	8	10	11	6	0.201533	0.086146	0.64843	1.042691
pseudogen	-	0	0	1	0	0	0	0	0	0.05773	0
antisense	-	13	4	4	7	9	11	0.204074	0.080522	0.075762	0.170559
lincRNA	-	0	2	0	1	0	2	0	0.695142	0	0.420692
protein_co	-	1	0	0	0	0	0	0.2084	0	0	0
lincRNA	-	0	0	1	0	0	0	0	0	0.066795	0
protein_co	CDNA_FLJ2	1	2	0	0	1	0	0.025764	0.066077	0	0
antisense	-	0	0	0	4	1	1	0	0	0	0.183671
lincRNA	-	7	4	5	3	2	2	0.4689	0.343599	0.404111	0.311913
protein_co	Uncharacte	0	0	0	0	1	0	0	0	0	0
antisense	-	78	62	47	31	26	16	1.690902	1.723554	1.229334	1.043076
protein_co	Uncharacte	1	2	2	10	14	15	0.065672	0.168431	0.158475	1.019325
antisense	-	0	0	2	1	2	1	0	0	0.200267	0.128814
pseudogen	-	9	2	1	4	9	5	1.327076	0.378175	0.17791	0.915469
protein_co	HCG20114	2	1	0	4	2	2	0.665107	0.426452	0	2.064675
antisense	-	8	11	10	3	4	5	0.20702	0.365026	0.312227	0.120496
pseudogen	vomeronas	0	0	0	1	1	1	0	0	0	0.134777
antisense	-	1	1	1	1	0	2	0.130613	0.167492	0.157592	0.202729
protein_co	Uncharacte	32	20	31	16	25	21	0.633649	0.507853	0.740642	0.491755
protein_co	Uncharacte	1	1	1	0	2	0	0.822632	1.054909	0.992553	0
protein_co	zinc_finger	144	105	142	509	706	1042	2.022211	1.890874	2.406026	11.09461
antisense	-	0	0	0	14	14	8	0	0	0	1.15786
antisense	-	9	9	19	7	20	17	0.58694	0.752668	1.495041	0.708566
sense_intrc	-	0	0	0	1	0	0	0	0	0	0.132568
sense_intrc	-	0	0	2	0	0	1	0	0	0.174886	0
protein_co	Uncharacte	3	2	8	0	1	0	1.042	0.890812	3.352623	0
protein_co	-	0	0	0	0	0	1	0	0	0	0
protein_co	-	1	5	3	3	1	0	0.446572	2.863324	1.616443	2.079423
sense_intrc	-	2	0	5	1	5	4	0.332553	0	1.003112	0.258084
protein_co	Uncharacte	3	0	2	0	0	0	1.042	0	0.838156	0
pseudogen	-	0	0	1	1	3	3	0	0	0.319636	0.411185
pseudogen	-	1	0	0	0	0	1	0.147918	0	0	0
pseudogen	-	0	0	1	0	0	0	0	0	0.088538	0

sense_intrc	-	1	0	0	2	0	3	0.07225	0	0	0.224283
pseudogen	integrin_be	114	75	104	37	35	38	8.777442	7.405147	9.661498	4.421761
protein_co	Uncharacte	0	0	0	0	1	0	0	0	0	0
antisense	RAB11B_ar	17	14	12	28	15	26	0.786901	0.831014	0.670194	2.011683
lincRNA	-	0	0	0	1	0	1	0	0	0	0.43065
pseudogen	-	22	13	9	50	63	12	1.11042	0.841429	0.548094	3.917104
antisense	-	2	0	0	0	1	0	0.308487	0	0	0
protein_co	Protein_LO	13	5	12	1	9	2	1.216707	0.600098	1.355102	0.145269
sense_intrc	-	3	2	7	18	17	17	0.09378	0.080173	0.264019	0.873358
lincRNA	-	39	26	22	36	65	42	0.947028	0.809619	0.644568	1.356848
protein_co	Uncharacte	15	4	6	4	13	8	1.387279	0.474397	0.669533	0.5742
protein_co	Uncharacte	0	0	0	0	1	0	0	0	0	0
protein_co	Spi-B_trans	6	3	6	22	33	31	0.074213	0.047584	0.089542	0.422357
protein_co	-	0	3	1	0	0	0	0	3.164726	0.992553	0
protein_co	Uncharacte	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	1	0	703	730	796	0	0.021739	0	18.49754
pseudogen	zinc_finger	0	0	0	5	2	0	0	0	0	0.381445
protein_co	-	0	0	0	1	1	0	0	0	0	1.516246
lincRNA	-	0	0	0	0	1	0	0	0	0	0
antisense	-	2	1	1	3	4	4	0.336129	0.215519	0.20278	0.782579
antisense	-	86	66	103	78	90	84	8.901858	8.760633	12.86375	12.53162
protein_co	LRRC3_dov	66	49	49	90	121	95	1.366332	1.300821	1.223929	2.891913
pseudogen	-	3	1	0	0	0	0	0.251197	0.107375	0	0
lincRNA	-	33	35	35	7	10	3	1.996607	2.715539	2.555023	0.657366
sense_over	-	2	2	3	1	1	2	0.209799	0.269037	0.379701	0.162818
pseudogen	-	0	0	0	1	1	0	0	0	0	0.425613
sense_intrc	-	2	3	4	1	2	0	0.245497	0.472224	0.592414	0.190523
pseudogen	-	1	1	0	0	0	1	0.114088	0.146301	0	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.133053
lincRNA	-	2	8	8	1	7	1	0.01736	0.089048	0.083785	0.013473
antisense	-	1	0	0	1	2	2	0.074547	0	0	0.115707
antisense	-	0	6	8	3	3	1	0	0.522111	0.654999	0.315976
lincRNA	-	2	2	1	10	15	2	0.221702	0.284302	0.133748	1.720563
lincRNA	-	8	6	3	1	3	3	0.113776	0.109426	0.051479	0.022075
antisense	-	1	1	0	1	5	3	0.083434	0.106993	0	0.129501
lincRNA	-	0	0	0	0	0	2	0	0	0	0
protein_co	SBP1;_Uncl	8	4	9	3	3	9	1.344517	0.862076	1.825016	0.782579
protein_co	HCG17871	1	0	1	1	1	0	0.181744	0	0.219285	0.282092
pseudogen	-	7	7	3	4	8	3	0.157727	0.202263	0.08156	0.139894
protein_co	-	0	3	7	5	4	9	0	0.04949	0.10865	0.099835
protein_co	Uncharacte	3	1	0	5	6	4	1.803462	0.770895	0	4.665372
pseudogen	cytochrom	0	0	0	0	1	1	0	0	0	0
lincRNA	-	0	0	3	0	1	1	0	0	0.472776	0
protein_co	Uncharacte	1	0	1	0	0	0	0.127073	0	0.153321	0
protein_co	-	0	1	0	0	0	0	0	2.004327	0	0
antisense	-	3	2	4	4	5	7	0.165106	0.14115	0.265613	0.341689
antisense	-	2	3	1	6	6	5	0.049228	0.094693	0.029698	0.229228
pseudogen	-	3	1	2	1	0	0	0.104123	0.044508	0.083754	0.053871
protein_co	Uncharacte	0	0	1	0	1	0	0	0	0.038671	0
protein_co	CDNA_FLJ2	0	1	2	2	8	0	0	0.019089	0.035921	0.046209
protein_co	Uncharacte	105	69	107	66	123	85	2.533943	2.135335	3.115584	2.472191
protein_co	Protein_LO	0	0	0	0	0	1	0	0	0	0
protein_co	Uncharacte	0	0	0	0	2	3	0	0	0	0
sense_intrc	-	0	0	0	3	2	1	0	0	0	0.409642
protein_co	CDNA:_FLJ	1	3	2	3	3	1	0.019554	0.075225	0.047186	0.091051
lincRNA	-	0	0	0	1	4	5	0	0	0	0.188062
protein_co	Uncharacte	0	0	0	1	1	0	0	0	0	0.425613
sense_intrc	-	1	1	2	0	2	2	0.043377	0.055624	0.104673	0
pseudogen	teratocarci	0	1	0	2	2	0	0	0.107567	0	0.260393
antisense	-	6	8	12	21	18	7	0.16938	0.289608	0.408733	0.920154
protein_co	-	1	3	3	6	5	2	0.067565	0.259927	0.244563	0.62922
antisense	-	3	1	2	0	1	1	0.158056	0.067562	0.127136	0
protein_co	Uncharacte	0	0	1	0	1	0	0	0	0.785771	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
processed_	-	29	31	26	214	235	207	0.554346	0.759896	0.599659	6.349318

antisense	-	0	0	1	0	1	0	0	0	0.089945	0
protein_co	CDNA_FLJ2	0	2	2	2	1	1	0	0.066332	0.062411	0.080287
lincRNA	-	0	0	1	0	0	0	0	0	0.204244	0
lincRNA	-	2	1	1	14	21	6	0.051927	0.033294	0.031326	0.564185
pseudogen	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	0	0	1	2	4	5	0	0	0.116411	0.299505
protein_co	Uncharacte	0	0	1	0	0	0	0	0	0.857205	0
antisense	-	16	10	13	0	5	0	2.623218	2.10244	2.571614	0
sense_intrc	-	4	8	7	11	3	2	0.099238	0.254518	0.209539	0.423586
antisense	-	1	0	1	4	7	6	0.086833	0	0.104769	0.53911
protein_co	Uncharacte	8	10	14	24	43	2	0.104142	0.166934	0.219894	0.484929
pseudogen	-	0	0	0	3	1	0	0	0	0	0.394114
protein_co	Uncharacte	4	2	0	0	0	1	0.762439	0.48886	0	0
antisense	-	1	3	3	6	9	2	0.068353	0.262958	0.247415	0.636558
sense_intrc	-	20	17	22	14	34	40	1.902232	2.073441	2.524668	2.066769
protein_co	Uncharacte	219	168	179	14	35	12	14.14451	13.91433	13.94906	1.403467
protein_co	-	3	6	10	10	12	11	0.024017	0.061598	0.096595	0.124261
antisense	-	1	7	0	7	7	1	0.068653	0.616264	0	0.745913
antisense	-	5	6	2	6	6	1	0.114646	0.17642	0.055331	0.213535
protein_co	Uncharacte	0	1	0	0	0	0	0	0.038644	0	0
sense_over	-	27	23	26	0	0	0	2.857857	3.121863	3.320459	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	337	277	295	163	200	111	7.564354	7.973171	7.98936	5.678845
lincRNA	-	11	16	16	0	0	0	0.842794	1.572021	1.479098	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
antisense	-	36	35	35	19	37	17	1.187089	1.479988	1.392505	0.972445
protein_co	Uncharacte	2	0	1	0	3	1	0.246142	0	0.148492	0
antisense	-	3	4	1	3	5	2	0.335728	0.574031	0.135025	0.521096
protein_co	Uncharacte	0	0	0	0	1	0	0	0	0	0
protein_co	Uncharacte	1	0	0	1	1	1	0.079745	0	0	0.123775
protein_co	-	0	0	1	0	0	0	0	0	1.88585	0
lincRNA	-	42	28	35	11	26	28	6.116089	5.228678	6.149511	2.486267
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
protein_co	CDNA_FLJ2	40	29	31	2	16	2	0.960861	0.893322	0.898484	0.074569
protein_co	Golgin_sub	0	0	0	1	0	0	0	0	0	0.021368
pseudogen	-	0	1	0	0	1	1	0	0.066368	0	0
antisense	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	9	6	4	2	3	2	0.347906	0.297427	0.186564	0.12
protein_co	Uncharacte	1	0	1	0	0	0	0.744286	0	0.898024	0
pseudogen	-	0	2	0	0	0	0	0	0.134519	0	0
antisense	-	0	0	0	0	1	0	0	0	0	0
antisense	-	0	1	0	1	4	1	0	0.109927	0	0.133053
antisense	-	1	0	1	2	0	1	0.131345	0	0.158475	0.40773
protein_co	HCG19932	0	2	0	0	0	0	0	0.911058	0	0
pseudogen	secretoglol	0	0	1	0	2	1	0	0	0.138326	0
lincRNA	-	1	2	2	4	4	3	0.103282	0.264889	0.249231	0.641232
sense_intrc	-	10	5	10	4	8	7	0.9378	0.601298	1.13151	0.582238
antisense	KCNQ1_op	1025	794	947	280	209	271	0.524314	0.520831	0.584474	0.222308
sense_intrc	-	119	93	107	34	57	61	1.959239	1.963508	2.125554	0.86886
protein_co	Uncharacte	0	1	5	1	0	3	0	0.466122	2.192849	0.564185
protein_co	HCG17868	3	1	1	0	3	1	0.111114	0.047496	0.044688	0
processed_	-	2	0	3	11	3	2	0.034327	0	0.062125	0.293037
antisense	-	3	9	4	1	4	1	1.12536	4.329345	1.810416	0.582238
pseudogen	-	57	29	33	72	139	186	0.925781	0.604006	0.646689	1.815083
lincRNA	hsa-mir-51	0	0	0	6	15	35	0	0	0	0.195033
lincRNA	-	17	13	6	1	2	0	1.653797	1.621758	0.704259	0.150995
pseudogen	-	3	3	1	10	5	4	0.052255	0.067009	0.021016	0.270356
protein_co	RBL1_prote	0	0	0	5	1	4	0	0	0	0.261047
protein_co	uncharacte	0	0	0	9	19	1	0	0	0	0.688768
protein_co	egl_nine_h	325	287	265	146	199	224	3.913522	4.431754	3.850156	2.728775
antisense	-	0	0	1	0	0	0	0	0	0.113151	0
protein_co	-	0	0	1	0	1	0	0	0	0.148492	0
sense_intrc	-	69	59	52	37	43	45	4.764965	5.224828	4.332734	3.96591
lincRNA	-	1	0	0	1	3	2	0.13914	0	0	0.215964

lincRNA	microRNA_	0	0	0	3	0	2	0	0	0	0.48955
protein_co	-	1	2	0	1	2	0	0.13025	0.334054	0	0.202166
protein_co	Uncharacte	0	0	0	28	65	35	0	0	0	0.880654
sense_intrc	-	1	1	2	5	4	7	0.06558	0.084098	0.158253	0.50895
antisense	-	0	0	0	2	0	0	0	0	0	0.172669
antisense	-	32	18	14	3	8	2	0.379388	0.273663	0.200267	0.055206
protein_co	Rho_GTPas	0	0	0	0	1	1	0	0	0	0
lincRNA	-	4	8	4	1	3	2	0.28548	0.732174	0.344448	0.110776
lincRNA	small_nucl	294	200	223	591	724	635	20.51438	17.89577	18.77431	64.00724
sense_intrc	-	4	2	4	7	1	3	0.339168	0.217468	0.409226	0.921263
lincRNA	-	3	2	4	0	1	0	0.118012	0.100889	0.189851	0
processed_	-	11	18	8	23	28	33	0.214288	0.449662	0.188037	0.695445
antisense	-	0	1	0	3	1	0	0	0.120743	0	0.438433
sense_intrc	-	21	17	23	2	7	13	4.137354	4.294985	5.467381	0.611595
lincRNA	-	0	2	0	16	17	8	0	0.44873	0	4.345063
antisense	-	2	3	4	0	2	0	0.2084	0.400865	0.502893	0
lincRNA	-	12	3	6	1	1	0	1.065682	0.341647	0.642903	0.137841
lincRNA	-	1	6	1	3	3	1	0.108291	0.833207	0.130659	0.504248
pseudogen	mitogen-ac	0	0	0	1	0	4	0	0	0	0.028665
sense_intrc	-	15	13	12	15	21	20	1.05292	1.170191	1.016326	1.634277
pseudogen	-	20	11	10	5	12	4	2.841819	2.004327	1.714409	1.102724
lincRNA	-	0	0	0	4	3	1	0	0	0	0.585753
antisense	-	3	8	8	2	0	3	0.262935	0.899137	0.845989	0.272074
sense_intrc	family_witl	0	0	0	2	6	0	0	0	0	0.097691
lincRNA	-	1	0	0	0	1	0	0.105135	0	0	0
lincRNA	-	0	1	0	1	0	0	0	0.065788	0	0.079628
sense_intrc	-	44	29	35	93	86	79	1.02441	0.865821	0.983189	3.360736
lincRNA	-	2	1	2	7	3	2	0.177278	0.113667	0.213896	0.96306
lincRNA	-	0	3	2	0	2	1	0	0.063629	0.039912	0
sense_intrc	-	1	1	2	4	2	0	0.062354	0.07996	0.150467	0.387127
sense_intrc	-	9	5	7	2	9	5	1.073817	0.76501	1.007706	0.370381
lincRNA	-	9	7	4	11	29	11	0.639409	0.63774	0.342882	1.212997
lincRNA	-	6	5	3	2	6	4	0.196056	0.209511	0.118276	0.101435
lincRNA	-	0	1	0	1	0	0	0	0.066295	0	0.080242
lincRNA	-	173	146	135	138	167	100	2.215176	2.39731	2.085662	2.742658
antisense	-	13	2	5	1	0	0	0.411039	0.081092	0.190747	0.049076
antisense	-	0	0	0	9	11	3	0	0	0	0.393404
lincRNA	hsa-mir-14	69	70	69	1	1	3	1.269286	1.651269	1.531467	0.028552
antisense	-	13	6	13	8	7	3	0.168111	0.099498	0.202836	0.160573
sense_intrc	-	3	1	2	1	0	3	0.252549	0.107953	0.203144	0.130664
sense_intrc	-	1	3	3	2	0	1	0.076743	0.295236	0.277785	0.238232
lincRNA	-	0	0	0	1	1	8	0	0	0	0.136547
sense_intrc	-	3	0	0	1	0	1	0.25811	0	0	0.133541
lincRNA	-	0	0	0	1	0	0	0	0	0	0.020077
lincRNA	-	5	4	3	1	5	9	0.99766	1.023486	0.72224	0.309701
lincRNA	-	9	15	9	33	58	21	0.626128	1.3382	0.755459	3.563403
protein_co	-	0	0	0	0	3	0	0	0	0	0
lincRNA	-	2	3	2	10	6	5	0.209799	0.403556	0.253134	1.628183
lincRNA	-	1	0	0	0	0	0	0.064321	0	0	0
sense_intrc	-	18	9	5	2	1	3	1.255983	0.80531	0.420949	0.216607
sense_intrc	-	2	3	5	1	1	2	0.27994	0.538476	0.844411	0.217253
antisense	MKNK1_an	9	4	5	5	7	5	0.172601	0.098372	0.115696	0.148834
sense_intrc	-	220	197	184	100	112	110	12.71986	14.60613	12.83587	8.974082
antisense	hsa-mir-12	6	7	5	3	5	6	0.07101	0.106236	0.071398	0.055108
lincRNA	-	4	7	4	0	0	4	0.369941	0.830194	0.446355	0
lincRNA	-	0	0	0	101	153	373	0	0	0	13.68857
lincRNA	-	20	14	29	36	48	63	1.373061	1.232529	2.402181	3.836124
protein_co	-	0	0	0	4	3	5	0	0	0	0.06065
sense_intrc	-	0	1	1	1	1	1	0	0.089612	0.084315	0.108465
lincRNA	-	4	1	6	3	0	3	0.319523	0.102436	0.578285	0.371958
sense_intrc	-	2	0	4	0	0	0	0.509674	0	1.229902	0
lincRNA	-	60	51	49	55	46	43	0.870752	0.949124	0.858001	1.238901
lincRNA	-	9	8	12	7	10	7	0.57573	0.65626	0.926202	0.695032
lincRNA	-	0	1	0	167	265	159	0	0.049735	0	10.05312
lincRNA	-	3	0	2	2	0	0	0.320433	0	0.257747	0.331571

lincRNA	-	1	0	0	2	2	2	0.175618	0	0	0.545167
lincRNA	-	17	19	25	15	26	21	1.12589	1.613653	1.997723	1.541945
antisense	-	2	2	5	1	4	4	0.273411	0.350611	0.824716	0.212186
antisense	-	52	50	29	23	30	27	0.637793	0.786422	0.429163	0.437859
lincRNA	-	0	0	0	2	2	0	0	0	0	0.202729
antisense	-	21	21	24	11	18	26	0.313296	0.401758	0.432011	0.254718
antisense	-	2	0	0	0	1	0	0.072641	0	0	0
antisense	-	0	1	2	1	1	1	0	0.080711	0.151881	0.097691
lincRNA	-	94	84	93	74	73	50	2.161678	2.477147	2.580442	2.641346
sense_intrc	-	3	7	1	2	2	4	0.39075	1.16919	0.157154	0.404332
lincRNA	-	0	0	0	41	63	109	0	0	0	6.348876
lincRNA	-	0	0	3	33	23	17	0	0	0.084357	1.193704
lincRNA	-	241	204	199	194	247	119	8.522243	9.250738	8.490592	10.64803
sense_intrc	-	3	8	8	1	0	1	0.254376	0.86987	0.818452	0.131609
lincRNA	-	5	4	7	0	0	0	0.269483	0.276459	0.455205	0
antisense	-	6	3	2	6	5	4	0.65125	0.417568	0.261924	1.010831
lincRNA	-	0	0	0	5	3	1	0	0	0	0.844313
lincRNA	-	5	8	2	2	3	0	0.477495	0.979712	0.23045	0.296455
antisense	-	7	5	7	7	9	10	0.830962	0.761137	1.002604	1.289769
lincRNA	-	7	1	4	0	2	1	0.508096	0.09308	0.350313	0
sense_intrc	-	0	2	0	6	12	5	0	0.239085	0	0.868149
protein_co	Zinc_finger	2	0	0	0	2	1	0.037968	0	0	0
lincRNA	-	41	38	38	33	49	34	0.7081	0.841596	0.791849	0.884616
sense_intrc	-	106	95	86	102	122	76	2.624257	3.016014	2.568898	3.919504
antisense	-	3	2	0	1	0	1	0.281904	0.241001	0	0.145851
lincRNA	-	18	10	11	12	35	38	1.478144	1.053061	1.089896	1.529523
lincRNA	-	3	3	4	4	6	7	0.090872	0.116531	0.14619	0.188062
lincRNA	-	6	4	2	3	5	0	0.08004	0.068427	0.032191	0.062116
antisense	-	6	2	5	0	1	0	0.139484	0.059623	0.140247	0
lincRNA	-	0	3	0	2	1	0	0	0.271671	0	0.219216
protein_co	Serine/thre	0	1	0	0	1	0	0	0.02039	0	0
antisense	-	33	24	18	0	2	1	2.483741	2.316397	1.634605	0
lincRNA	-	0	0	1	0	2	0	0	0	0.095567	0
sense_intrc	-	3	1	1	0	1	1	0.391839	0.167492	0.157592	0
protein_co	Uncharacte	2	3	4	0	0	0	0.018403	0.035398	0.044408	0
lincRNA	-	0	0	0	2	8	5	0	0	0	0.255368
lincRNA	-	9	9	8	5	4	9	0.730121	0.936277	0.783052	0.629583
sense_intrc	-	0	0	0	0	2	0	0	0	0	0
lincRNA	-	31	22	22	2	9	0	2.375148	2.161529	2.03376	0.237842
sense_intrc	-	1	3	0	0	0	0	0.178289	0.685891	0	0
processed_	-	16	18	17	7	9	3	1.077931	1.555081	1.381873	0.731981
lincRNA	-	0	1	0	2	0	0	0	0.138229	0	0.33462
sense_intrc	-	75	40	44	3	4	6	1.495853	1.023051	1.058835	0.092871
sense_intrc	-	0	1	0	3	1	1	0	0.133622	0	0.485199
sense_intrc	-	15	11	17	6	10	15	1.225349	1.152313	1.675581	0.760764
sense_intrc	-	7	2	5	0	1	2	0.924592	0.338759	0.796838	0
sense_intrc	-	21	17	9	3	9	11	1.985263	2.0609	1.026572	0.4402
lincRNA	-	7	2	5	16	30	15	0.768689	0.281638	0.662477	2.727112
antisense	-	20	11	19	3	11	24	1.401794	0.988681	1.606778	0.326367
antisense	-	1	0	0	1	1	0	0.103055	0	0	0.159956
lincRNA	-	169	182	153	24	27	35	4.50763	6.225041	4.923807	0.993581
lincRNA	-	1	1	0	0	0	0	0.080706	0.103494	0	0
sense_intrc	-	3	3	1	0	3	1	0.32714	0.41951	0.131571	0
lincRNA	-	0	2	0	6	10	10	0	0.170098	0	0.61765
sense_intrc	-	0	1	0	0	0	0	0	0.108538	0	0
lincRNA	-	0	1	0	11	11	2	0	0.077089	0	1.026382
lincRNA	-	391	355	372	333	368	323	8.587352	9.998163	9.857652	11.3516
sense_intrc	-	15	15	14	3	4	11	1.762783	2.260519	1.985105	0.547217
antisense	GAS5_antis	21	16	16	9	16	19	1.418862	1.386278	1.304334	0.94383
lincRNA	-	3	2	3	1	4	5	0.206564	0.176593	0.249231	0.106872
pseudogen	-	0	6	1	0	0	0	0	2.775221	0.435196	0
sense_intrc	-	5	1	1	0	1	0	0.908721	0.233061	0.219285	0
lincRNA	-	0	0	0	0	1	3	0	0	0	0
sense_intrc	-	34	33	28	34	43	63	2.030905	2.527749	2.01798	3.152246
lincRNA	-	3	6	5	15	11	6	0.294906	0.75635	0.593035	2.288673

lincRNA	-	0	0	0	1	1	1	0	0	0	0.555571
lincRNA	-	3	1	0	1	3	0	0.24507	0.104756	0	0.126794
lincRNA	-	0	1	0	0	0	0	0	0.155777	0	0
sense_intrc	-	32	31	47	14	11	10	2.718262	3.376854	4.817117	1.845865
lincRNA	-	3	2	7	7	8	11	0.333341	0.284975	0.938456	1.207248
antisense	-	15	14	4	4	5	6	0.920616	1.101855	0.296207	0.381046
processed_	-	0	1	1	8	7	2	0	0.012835	0.012076	0.124277
lincRNA	-	11	6	5	8	5	6	1.099766	0.769251	0.60315	1.241447
sense_intrc	-	7	15	4	1	1	1	0.619302	1.701787	0.426985	0.13732
sense_intrc	-	0	1	0	1	0	0	0	0.080603	0	0.09756
lincRNA	-	6	2	5	3	1	4	0.46812	0.200099	0.470678	0.363294
antisense	-	0	0	0	1	4	2	0	0	0	0.454874
lincRNA	-	0	4	4	2	6	7	0	0.100762	0.094806	0.06098
sense_intrc	-	2	4	4	0	0	1	0.177614	0.455529	0.428602	0
lincRNA	-	1	0	1	0	0	0	0.125711	0	0.151677	0
sense_intrc	-	1	1	2	4	3	8	0.114646	0.147017	0.276653	0.711783
protein_co	C1orf151-N	2	0	0	0	0	0	0.057782	0	0	0
sense_intrc	-	0	1	0	0	1	0	0	0.082938	0	0
sense_intrc	-	2	0	2	0	1	1	0.25346	0	0.305814	0
lincRNA	-	15	12	11	4	12	14	1.300093	1.333748	1.150334	0.538113
lincRNA	-	50	45	41	26	26	41	4.784696	5.522124	4.733869	3.861785
lincRNA	-	50	52	47	45	52	112	1.613559	2.151927	1.83004	2.25402
lincRNA	-	0	2	0	1	3	3	0	0.214749	0	0.129964
protein_co	Junctional_	0	0	0	1	1	1	0	0	0	0.034723
lincRNA	-	0	0	0	2	5	1	0	0	0	0.220211
lincRNA	-	9	16	10	18	16	26	0.582887	1.328835	0.78143	1.809443
sense_intrc	-	17	14	18	14	20	12	0.861762	0.910073	1.100929	1.101532
antisense	-	1	1	3	2	1	3	0.114927	0.147377	0.415996	0.356764
lincRNA	-	0	0	0	2	0	4	0	0	0	0.212806
lincRNA	-	0	0	0	3	1	0	0	0	0	0.127089
sense_intrc	-	6	5	10	4	3	11	0.494447	0.528381	0.994297	0.511633
lincRNA	-	0	0	0	1	2	0	0	0	0	0.148228
lincRNA	-	0	0	0	2	0	0	0	0	0	0.238232
lincRNA	-	364	314	299	711	1179	737	18.59256	20.56727	18.4271	56.36867
lincRNA	-	0	0	0	5	15	1	0	0	0	0.211446
lincRNA	-	225	182	164	63	86	133	4.846235	5.026928	4.262004	2.106168
lincRNA	-	3	1	1	2	3	1	0.139554	0.059653	0.056126	0.144404
antisense	-	2	1	1	0	0	3	0.116352	0.074603	0.070193	0
antisense	-	2	2	4	1	8	10	0.121006	0.155174	0.292003	0.093909
lincRNA	-	6	4	3	2	8	8	0.198406	0.169619	0.119694	0.102651
lincRNA	-	4	2	0	2	1	0	0.616974	0.395591	0	0.478814
sense_intrc	-	0	1	0	1	2	3	0	0.093953	0	0.113718
lincRNA	-	0	0	1	0	0	0	0	0	0.089377	0
antisense	-	10	21	14	10	15	17	0.680552	1.832693	1.149575	1.056311
lincRNA	-	90	97	78	50	68	24	2.321288	3.208245	2.427332	2.001645
lincRNA	-	3	3	3	0	0	0	0.232129	0.297672	0.280077	0
lincRNA	-	24	15	20	20	16	9	1.403193	1.124622	1.41086	1.814958
pseudogen	-	0	0	1	1	1	1	0	0	0.08966	0.11534
pseudogen	-	0	0	1	1	1	0	0	0	0.096053	0.123565
pseudogen	-	0	0	0	1	0	0	0	0	0	0.138365
sense_intrc	-	27	45	22	13	13	14	1.398929	2.989879	1.375316	1.045456
pseudogen	-	1	0	0	0	0	0	0.068855	0	0	0
pseudogen	-	8	7	9	2	2	6	0.183343	0.205723	0.248866	0.071144
pseudogen	-	0	1	3	1	5	1	0	0.205924	0.581255	0.249246
lincRNA	-	2	0	2	1	2	0	0.187186	0	0.22585	0.145269
pseudogen	-	0	0	0	1	0	0	0	0	0	0.212806
sense_intrc	-	21	27	23	106	106	129	1.926987	3.177113	2.546451	15.09718
pseudogen	-	4	2	0	0	2	3	0.458582	0.294033	0	0
pseudogen	-	0	1	1	2	1	1	0	0.185586	0.174616	0.449258
pseudogen	-	2	8	9	10	1	2	0.512459	2.628625	2.782402	3.977038
pseudogen	NADH_deh	4	2	0	4	3	6	0.348625	0.223531	0	0.541114
lincRNA	-	0	0	0	8	8	1	0	0	0	1.078219
pseudogen	-	0	1	0	2	4	0	0	0.123217	0	0.298278
pseudogen	-	0	0	1	3	1	5	0	0	0.098051	0.378405
antisense	-	0	2	0	1	0	1	0	0.066885	0	0.040478

lincRNA	-	0	0	0	0	1	4	0	0	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	1	0	1	2	0	0	0.162953	0	0.197235
pseudogen	-	1	1	3	2	1	1	0.20933	0.268437	0.757708	0.64982
pseudogen	-	2	1	0	0	0	0	0.077312	0.049571	0	0
pseudogen	-	1	0	0	0	1	0	0.07815	0	0	0
lincRNA	-	0	3	0	0	0	0	0	0.291892	0	0
protein_co	-	0	1	2	2	1	5	0	0.022155	0.041692	0.053633
pseudogen	-	19	8	7	4	1	1	0.630064	0.340197	0.280077	0.205883
pseudogen	-	0	2	1	1	2	0	0	0.23261	0.10943	0.140773
lincRNA	-	0	0	1	0	0	0	0	0	0.137989	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.336944
pseudogen	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	3	1	2	0	0	0	0.72886	0.311553	0.586275	0
pseudogen	-	0	6	3	0	0	0	0	1.960754	0.922427	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	0	1	3	2	0	0	0	0.102307	0.394827
pseudogen	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	2	1	0	3	3	4	0.013359	0.008565	0	0.031102
pseudogen	-	0	1	0	0	0	0	0	0.094544	0	0
pseudogen	-	0	0	0	2	2	4	0	0	0	0.215644
antisense	-	10	11	4	2	5	3	1.387279	1.956887	0.669533	0.43065
lincRNA	-	28	28	27	21	21	25	0.505553	0.6483	0.588194	0.588516
lincRNA	-	0	0	0	299	419	498	0	0	0	14.1123
pseudogen	-	0	0	0	1	3	10	0	0	0	0.332328
IG_V_pseu	immunoglo	0	0	0	0	2	0	0	0	0	0
lincRNA	-	0	0	0	0	2	1	0	0	0	0
antisense	-	18	9	12	20	16	11	0.286497	0.183696	0.23045	0.494092
pseudogen	-	0	0	1	2	0	1	0	0	0.328927	0.846277
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	1	0	0	0	1	1	0.207478	0	0	0
pseudogen	-	1	0	0	0	0	0	0.05465	0	0	0
pseudogen	-	0	1	0	7	11	1	0	0.068798	0	0.582905
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	1	2	0	2	3	1	0.075997	0.19491	0	0.235915
processed_	-	0	0	0	1	2	1	0	0	0	0.128133
pseudogen	-	2	2	0	5	1	1	0.112988	0.144891	0	0.438433
pseudogen	-	1	0	0	0	0	0	0.144277	0	0	0
pseudogen	-	0	0	0	2	1	0	0	0	0	0.673887
pseudogen	-	2	0	0	0	0	0	0.218093	0	0	0
lincRNA	colon_ader	34	20	20	24	39	14	1.779309	1.342183	1.262846	1.949459
pseudogen	-	1	0	2	0	1	3	0.13025	0	0.314308	0
pseudogen	-	3	0	6	2	0	1	0.220832	0	0.532893	0.228508
sense_intrc	-	8	2	3	0	4	5	0.546822	0.175306	0.247415	0
pseudogen	nuclear_re	17	10	9	8	7	10	1.011587	0.763068	0.646167	0.738881
pseudogen	-	1	3	0	8	5	2	0.035604	0.13697	0	0.442094
pseudogen	-	2	2	1	1	1	0	0.050016	0.064138	0.030174	0.038816
pseudogen	-	2	0	0	0	0	0	0.315758	0	0	0
pseudogen	-	18	15	18	56	47	10	0.469161	0.50136	0.56607	2.265519
pseudogen	-	0	1	0	0	0	0	0	0.308358	0	0
pseudogen	-	0	1	0	0	0	0	0	0.178958	0	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	0	4	4	2	0	0	0	0.918357
antisense	-	5	3	1	4	1	1	0.566305	0.435723	0.136656	0.703186
pseudogen	-	1	0	2	2	4	0	0.057818	0	0.13952	0.179482
pseudogen	-	1	1	2	4	2	1	0.052042	0.066737	0.125584	0.323107
pseudogen	-	2	0	0	2	2	3	0.128115	0	0	0.198852
lincRNA	-	0	1	0	0	3	3	0	0.098412	0	0
antisense	-	1	0	0	2	1	2	0.363489	0	0	1.128369
pseudogen	-	1	2	3	0	0	0	0.021739	0.055753	0.078686	0
pseudogen	-	1	0	0	0	0	0	0.15949	0	0	0
pseudogen	-	1	6	0	0	2	0	0.09589	0.737789	0	0
pseudogen	-	14	19	35	1	2	1	1.323509	2.303359	3.992223	0.146733
pseudogen	-	1	1	3	1	2	1	0.032116	0.041185	0.116251	0.049849
pseudogen	-	0	0	0	0	1	1	0	0	0	0

antisense	-	390	272	268	14	15	3	6.623364	5.923689	5.491574	0.369039
pseudogen	-	2	1	5	3	3	2	0.144055	0.092365	0.434528	0.335391
lincRNA	-	3	1	3	0	0	0	0.536909	0.229503	0.647811	0
sense_intrc	-	0	2	0	9	2	4	0	0.334054	0	1.819495
pseudogen	-	0	0	0	0	0	3	0	0	0	0
pseudogen	-	2	0	0	0	0	0	0.132833	0	0	0
pseudogen	-	1	1	4	0	0	1	0.174963	0.224365	0.844411	0
pseudogen	phosphatid	1	0	0	3	1	0	0.084032	0	0	0.391289
antisense	-	0	0	0	0	3	1	0	0	0	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.203296
lincRNA	-	1	0	0	0	0	0	0.020142	0	0	0
pseudogen	-	2	0	0	0	1	0	0.394034	0	0	0
pseudogen	-	2	1	1	1	2	1	0.259778	0.166565	0.156719	0.201606
pseudogen	-	0	1	0	0	0	1	0	0.054713	0	0
lincRNA	-	3	7	4	2	1	5	0.159309	0.47668	0.256288	0.164847
pseudogen	-	4	5	9	10	4	22	0.354556	0.568335	0.962532	1.3758
lincRNA	-	54	22	44	3	1	1	1.026372	0.53622	1.009048	0.088504
sense_intrc	-	0	0	0	1	0	0	0	0	0	0.057443
antisense	-	2	3	0	1	6	9	0.027469	0.052838	0	0.021318
antisense	-	0	0	0	1	1	0	0	0	0	0.034379
pseudogen	-	0	6	3	5	2	1	0	4.008653	1.88585	4.043322
pseudogen	-	2	0	1	0	0	0	0.362085	0	0.218438	0
pseudogen	-	0	3	2	0	0	0	0	0.317587	0.19921	0
processed_	-	25	28	28	28	23	20	0.403946	0.580163	0.54587	0.702217
processed_	-	43	28	25	1	0	0	4.392747	3.668049	3.081455	0.158562
pseudogen	-	4	2	5	6	4	3	0.282045	0.180841	0.42538	0.65666
pseudogen	-	10	6	4	5	4	7	1.135352	0.873556	0.547947	0.881111
antisense	-	12	12	6	5	6	7	0.341225	0.437573	0.205854	0.220679
pseudogen	-	0	0	1	1	0	0	0	0	0.163987	0.210956
antisense	-	0	0	1	1	0	0	0	0	0.102678	0.132087
processed_	HLA_compl	0	1	3	0	0	0	0	0.082145	0.231867	0
antisense	-	16	11	2	42	53	16	0.385728	0.340066	0.058175	1.571595
pseudogen	-	2	1	2	3	7	3	0.19061	0.122215	0.229982	0.443779
lincRNA	-	6	4	3	1	4	3	0.166868	0.142657	0.100668	0.043167
pseudogen	-	4	2	1	12	6	5	0.313646	0.201103	0.094608	1.460464
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	0	0	0	1	1	0	0	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	2	1	1	4	0	0	0.068618	0.044136
pseudogen	-	0	0	0	0	2	0	0	0	0	0
sense_intrc	-	0	1	1	0	0	0	0	0.203141	0.191133	0
lincRNA	TSIX_transc	0	0	0	1	0	1	0	0	0	0.001966
pseudogen	divergent-p	0	1	0	1	1	0	0	0.111558	0	0.135027
pseudogen	-	0	0	2	0	0	0	0	0	0.31695	0
lincRNA	-	0	1	1	10	10	2	0	0.087145	0.081993	1.05478
pseudogen	-	0	1	0	0	0	0	0	0.064935	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	17	13	8	21	28	15	1.110209	1.088701	0.630368	2.128657
lincRNA	-	56	41	48	865	1131	878	1.085507	1.019149	1.122623	26.02502
pseudogen	-	0	2	1	0	1	1	0	0.22863	0.107558	0
antisense	-	6	6	5	5	9	6	0.252776	0.32415	0.254158	0.326953
pseudogen	-	0	0	2	2	2	1	0	0	0.764534	0.983511
pseudogen	-	0	0	0	1	0	0	0	0	0	0.43065
pseudogen	-	1	1	1	0	0	0	0.031491	0.040383	0.037996	0
pseudogen	-	1	2	0	1	2	1	0.09668	0.247958	0	0.150061
pseudogen	-	1	0	1	0	0	1	0.09688	0	0.116892	0
pseudogen	-	0	0	0	0	0	2	0	0	0	0
antisense	-	152	143	151	202	248	161	4.079727	4.921901	4.890041	8.415295
pseudogen	-	0	0	0	0	1	1	0	0	0	0
sense_intrc	-	53	36	40	268	281	296	8.01668	6.982815	7.300065	62.91931
pseudogen	-	0	0	0	0	1	2	0	0	0	0
pseudogen	-	2	0	0	1	6	3	0.092944	0	0	0.072131
pseudogen	-	0	0	0	0	2	0	0	0	0	0
pseudogen	-	1	4	3	4	4	3	0.114088	0.585205	0.41296	0.708319
pseudogen	-	0	0	0	0	1	0	0	0	0	0

pseudogen	-	0	1	0	0	0	0	0	0.087525	0	0
lincRNA	-	6	1	0	1	2	2	0.47847	0.102262	0	0.123775
pseudogen	-	1	2	0	0	1	1	0.183882	0.471606	0	0
pseudogen	-	37	37	33	23	30	15	3.30463	4.237719	3.556175	3.188448
pseudogen	-	2	2	1	2	0	7	0.261955	0.335921	0.158032	0.406591
pseudogen	-	0	0	0	0	1	1	0	0	0	0
pseudogen	-	2	2	1	1	7	6	0.085879	0.110128	0.051809	0.066648
sense_intrc	-	2	1	1	3	1	0	0.199532	0.127936	0.120373	0.464552
lincRNA	-	0	1	0	0	0	0	0	0.12002	0	0
antisense	-	1	2	0	0	0	0	0.126048	0.323278	0	0
lincRNA	-	0	2	0	0	0	0	0	0.325907	0	0
antisense	-	4	13	11	5	4	12	0.494881	2.0625	1.642033	0.960156
lincRNA	-	3	0	2	12	15	11	0.426273	0	0.342882	2.646538
pseudogen	-	1	0	0	0	0	0	0.128466	0	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	1	0	0	1	2	0	0.056196	0	0
pseudogen	-	1	1	0	3	4	0	0.062188	0.079748	0	0.289575
pseudogen	-	0	2	0	2	2	0	0	0.212849	0	0.257628
pseudogen	-	0	1	0	1	3	5	0	0.199767	0	0.241793
pseudogen	-	1	0	0	0	0	1	0.233284	0	0	0
pseudogen	-	1	0	0	0	0	1	0.04839	0	0	0
pseudogen	divergent-p	0	1	0	0	0	0	0	0.105862	0	0
antisense	-	0	0	0	1	0	0	0	0	0	0.13043
pseudogen	-	0	0	1	1	0	0	0	0	0.167383	0.215325
pseudogen	-	1	1	1	1	1	0	0.056156	0.072012	0.067755	0.087161
pseudogen	-	8	0	0	1	3	2	1.22189	0	0	0.237068
pseudogen	-	20	15	18	6	12	6	1.052526	1.012286	1.142939	0.4901
pseudogen	-	17	4	13	2	1	2	2.787169	0.840976	2.571614	0.50895
pseudogen	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	4	1	3	1	0	1	0.320616	0.102786	0.290131	0.12441
pseudogen	NANOGNB_	0	1	1	3	0	1	0	0.12347	0.116171	0.448336
antisense	-	21	18	28	16	12	18	1.730563	1.902173	2.784032	2.046532
pseudogen	-	10	7	7	3	2	3	2.841819	2.550961	2.400173	1.323269
antisense	hsa-mir-33	22	9	7	2	3	1	0.39164	0.205455	0.150353	0.055262
pseudogen	neurofibro	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	1	3	1	1	0	0	0.099605	0.3844
pseudogen	-	1	0	2	0	1	1	0.078411	0	0.189216	0
pseudogen	-	0	1	0	0	1	0	0	0.167027	0	0
pseudogen	-	0	0	0	1	0	2	0	0	0	0.067389
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	3	1	2	0	0	0	0.099484	0.042525	0.080022	0
pseudogen	-	1	0	0	0	0	0	0.097282	0	0	0
pseudogen	-	2	1	0	5	9	10	0.080291	0.051481	0	0.311557
lincRNA	-	0	0	0	2	5	0	0	0	0	0.232895
pseudogen	-	6	3	5	10	13	14	0.223109	0.143053	0.224328	0.577159
pseudogen	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	0	0	2	0	0	0	0	0
pseudogen	-	11	6	6	0	9	17	0.821322	0.574488	0.54053	0
pseudogen	-	0	1	0	1	3	0	0	0.075445	0	0.091317
pseudogen	-	0	0	0	0	1	0	0	0	0	0
protein_co	Ankyrin_re	7	4	1	6	4	2	0.155338	0.113828	0.026775	0.206663
pseudogen	nudix_(nuc	0	3	0	1	2	0	0	0.308358	0	0.12441
pseudogen	-	0	1	2	0	0	0	0	0.250541	0.471463	0
pseudogen	-	0	0	2	0	0	0	0	0	0.685764	0
pseudogen	-	11	3	6	3	10	9	0.526854	0.184259	0.346734	0.223023
pseudogen	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	0	6	4	2	0	0	0	0.084252
pseudogen	-	3	0	0	0	0	0	0.112446	0	0	0
pseudogen	-	0	1	2	1	0	0	0	0.646557	1.216678	0.782579
pseudogen	-	3	1	0	0	0	1	0.423705	0.181114	0	0
pseudogen	-	5	4	5	2	1	3	0.631941	0.6483	0.762473	0.392344
antisense	-	0	0	0	1	0	0	0	0	0	0.135278
pseudogen	-	0	0	0	1	1	2	0	0	0	0.026552
pseudogen	taste_recep	0	1	2	6	10	1	0	0.072796	0.136987	0.528667

pseudogen	-	1	1	3	6	5	8	0.069467	0.089081	0.251447	0.646932
pseudogen	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	3	2	3	21	11	8	0.188313	0.16099	0.227211	2.046019
pseudogen	-	0	2	0	20	14	9	0	0.187029	0	2.263757
pseudogen	-	2	0	2	3	3	4	0.336129	0	0.405559	0.782579
pseudogen	-	1	1	3	7	6	3	0.059809	0.076696	0.216488	0.64982
lincRNA	-	79	52	56	37	65	66	1.183108	0.998642	1.01189	0.860062
antisense	-	0	0	0	2	0	2	0	0	0	0.37323
antisense	-	2	1	4	0	0	0	0.15053	0.096517	0.363246	0
pseudogen	-	0	1	0	0	0	0	0	0.028661	0	0
antisense	-	0	0	0	1	0	0	0	0	0	0.107822
antisense	LPP_antise	28	21	32	1	4	4	0.460351	0.442751	0.634788	0.025519
pseudogen	-	0	2	2	2	3	2	0	0.406282	0.382267	0.491755
lincRNA	-	3	1	4	3	5	8	0.091761	0.039224	0.14762	0.142426
pseudogen	-	1	0	0	0	0	0	0.163951	0	0	0
pseudogen	-	1	1	0	0	0	1	0.104899	0.134519	0	0
pseudogen	-	1	0	1	0	0	0	0.052745	0	0.063639	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	0	1	0	1	0	0	0	0.114075
pseudogen	-	1	0	1	0	2	1	0.063709	0	0.076869	0
lincRNA	-	0	0	0	1	4	3	0	0	0	0.146438
pseudogen	-	2	5	3	2	0	2	0.721385	2.312684	1.305589	1.119689
pseudogen	-	0	1	0	1	0	0	0	0.064241	0	0.077756
pseudogen	-	0	0	0	1	0	0	0	0	0	0.15618
lincRNA	-	2	2	0	0	3	1	0.104316	0.13377	0	0
pseudogen	-	2	0	1	0	2	0	0.297714	0	0.179605	0
lincRNA	-	11	14	11	0	0	3	0.266283	0.434598	0.321286	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.075419
pseudogen	-	0	0	0	1	1	0	0	0	0	0.568592
pseudogen	-	0	1	0	0	0	1	0	0.311553	0	0
lincRNA	-	12	6	10	1	2	9	1.055685	0.676883	1.061454	0.136547
pseudogen	-	0	1	0	0	0	0	0	0.130151	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	1	0	0	0	0	1	0.197848	0	0	0
antisense	-	4	6	4	31	22	25	0.356578	0.685891	0.430232	4.289304
lincRNA	-	6	7	5	4	5	4	0.547354	0.818888	0.550345	0.56638
protein_co	MT-RNR2-li	0	5	1	3	4	2	0	0.289922	0.054557	0.210549
pseudogen	-	1	0	0	0	0	2	0.091941	0	0	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.190523
pseudogen	-	0	3	2	2	0	0	0	0.206395	0.129463	0.166544
lincRNA	-	0	0	0	1466	1772	1654	0	0	0	143.6005
pseudogen	-	2	0	0	0	1	1	0.395696	0	0	0
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	1	1	0	2	0	0	0.28098	0.264372	0
pseudogen	-	4	7	12	3	4	2	0.7815	1.753786	2.828775	0.909748
antisense	-	0	0	0	2	2	0	0	0	0	0.41948
pseudogen	-	1	0	0	0	1	0	0.038848	0	0	0
pseudogen	-	15	17	15	2	3	2	0.925461	1.345009	1.116622	0.191526
pseudogen	-	0	0	0	1	0	0	0	0	0	0.087792
pseudogen	-	0	1	0	1	0	0	0	0.029203	0	0.035347
lincRNA	-	3	0	1	2	5	0	0.065949	0	0.026524	0.068242
protein_co	TMEM56-R	0	0	0	1	1	0	0	0	0	0.048813
pseudogen	-	0	0	0	0	2	0	0	0	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	sex_comb_	3	1	1	3	5	0	0.2605	0.111351	0.104769	0.404332
lincRNA	-	0	0	0	61	59	45	0	0	0	7.788716
pseudogen	-	0	0	0	0	2	0	0	0	0	0
lincRNA	-	0	0	0	1	5	9	0	0	0	0.043817
antisense	-	95	97	84	32	48	44	1.060608	1.388712	1.13151	0.554513
pseudogen	-	0	2	0	0	0	0	0	0.946926	0	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.150371
antisense	-	5	13	3	24	20	8	0.318114	1.060634	0.230294	2.370034
pseudogen	-	2	1	0	0	4	0	0.106086	0.06802	0	0
IG_V_pseu	immunoglo	0	0	0	1	2	0	0	0	0	0.183324
pseudogen	-	1	0	1	0	0	0	0.118111	0	0.142508	0

lincRNA	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	1	3	8	2	1	1	0.043905	0.168904	0.423787	0.136292
pseudogen	-	0	2	3	0	2	1	0	0.264889	0.373847	0
antisense	-	5	0	0	2	1	0	0.167225	0	0	0.103823
lincRNA	-	1	2	1	0	0	0	0.07934	0.203485	0.095728	0
pseudogen	-	15	10	14	10	18	15	1.240477	1.06049	1.396926	1.283594
pseudogen	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	0	0	0	1	3	0	0	0	0	0.158908
lincRNA	-	0	2	0	0	1	1	0	0.235342	0	0
pseudogen	-	0	2	1	2	0	1	0	0.48886	0.229982	0.591706
lincRNA	-	1	1	0	3	1	0	0.149808	0.192108	0	0.69757
pseudogen	-	0	0	0	0	0	2	0	0	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
sense_over	-	1	1	4	2	2	2	0.13513	0.173285	0.652167	0.41948
lincRNA	-	0	0	0	0	1	1	0	0	0	0
lincRNA	-	2	5	3	1	1	0	0.046937	0.150475	0.084948	0.036426
lincRNA	-	0	0	1	0	0	0	0	0	0.095245	0
pseudogen	-	0	0	3	0	1	0	0	0	0.428602	0
lincRNA	-	0	0	0	21	29	4	0	0	0	2.011021
antisense	-	3	2	2	2	1	1	0.308487	0.263727	0.248138	0.31921
pseudogen	-	0	0	1	0	0	0	0	0	0.174078	0
pseudogen	-	2	4	2	0	0	0	0.165982	0.425698	0.200267	0
pseudogen	-	1	0	1	1	0	0	0.138728	0	0.167383	0.215325
antisense	-	0	2	1	2	10	0	0	0.390453	0.183687	0.472596
lincRNA	-	0	0	0	0	1	1	0	0	0	0
pseudogen	-	0	2	2	4	0	0	0	0.432588	0.407018	1.047191
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.362089
pseudogen	-	0	0	0	1	0	0	0	0	0	0.095386
lincRNA	-	0	1	1	0	1	0	0	0.209511	0.197127	0
pseudogen	-	0	2	0	0	0	0	0	0.302921	0	0
lincRNA	-	3	6	5	0	1	1	0.2605	0.668109	0.523847	0
pseudogen	-	0	0	0	1	0	1	0	0	0	0.295853
lincRNA	-	3	0	3	1	0	0	0.315404	0	0.380553	0.163183
pseudogen	-	1	3	5	5	4	5	0.182451	0.701904	1.100691	1.415949
antisense	-	19	11	5	21	35	6	0.254837	0.189196	0.080915	0.437178
pseudogen	-	0	0	1	0	0	0	0	0	0.077289	0
pseudogen	-	0	0	0	1	2	0	0	0	0	0.158908
pseudogen	-	0	1	0	0	0	4	0	0.095142	0	0
pseudogen	-	0	1	0	0	2	1	0	0.290482	0	0
pseudogen	-	0	0	1	0	3	0	0	0	0.145813	0
protein_co	sulfiredoxi	15	13	10	17	35	12	0.260693	0.289728	0.209694	0.458583
lincRNA	-	1	0	0	0	0	0	0.054587	0	0	0
antisense	-	2	1	1	1	4	1	0.205658	0.131864	0.124069	0.159605
pseudogen	-	1	0	1	0	0	0	0.080017	0	0.096545	0
protein_co	CTAGE_fam	0	0	0	0	0	1	0	0	0	0
lincRNA	-	2	1	4	0	0	0	0.186813	0.11978	0.450801	0
lincRNA	-	21	14	16	4	3	2	0.658656	0.563088	0.60549	0.194729
pseudogen	-	0	0	1	0	5	0	0	0	0.189851	0
lincRNA	-	14	14	14	0	0	0	1.095927	1.405371	1.322299	0
antisense	-	19	16	13	6	21	10	0.804797	0.869085	0.664392	0.39447
pseudogen	-	1	0	0	0	0	0	0.042434	0	0	0
sense_intrc	-	18	27	17	30	49	23	0.950473	1.828271	1.08309	2.458777
lincRNA	-	2	0	2	0	0	0	0.074017	0	0.089306	0
sense_intrc	-	22	22	17	83	95	159	3.849181	4.936028	3.588745	22.54001
pseudogen	-	1	2	0	0	0	1	0.051023	0.130859	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
lincRNA	-	21	20	19	34	26	28	1.435409	1.753055	1.56696	3.607162
pseudogen	HIV-1_Tat_	14	11	20	6	11	3	1.040349	1.048221	1.793201	0.692042
pseudogen	-	0	0	0	1	0	0	0	0	0	0.076772
antisense	-	0	0	0	6	11	15	0	0	0	0.7066
lincRNA	-	2	3	0	0	0	2	0.171131	0.329178	0	0
pseudogen	-	27	20	22	29	19	23	2.252723	2.13985	2.214699	3.755541
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	0	0	1	0	0	0	0	0	0.208766	0

antisense	-	0	0	1	0	1	0	0	0	0.070808	0
lincRNA	-	0	1	0	0	0	0	0	0.021684	0	0
lincRNA	-	0	1	1	1	2	1	0	0.089346	0.084065	0.108142
lincRNA	-	4	2	2	4	2	3	0.197017	0.126323	0.118856	0.305797
lincRNA	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	4	6	7	0	0	3	0.209799	0.403556	0.442985	0
lincRNA	-	1	0	0	2	1	1	0.110329	0	0	0.342493
pseudogen	-	1	0	0	0	0	0	0.056562	0	0	0
lincRNA	-	0	0	0	0	1	0	0	0	0	0
lincRNA	-	2	0	0	0	1	0	0.047774	0	0	0
pseudogen	-	0	1	0	4	1	8	0	0.049449	0	0.239407
pseudogen	-	0	0	0	1	3	1	0	0	0	0.193563
pseudogen	-	2	0	1	0	1	2	0.210742	0	0.127136	0
pseudogen	-	1	0	1	0	2	1	0.198687	0	0.239727	0
lincRNA	-	0	0	1	0	0	0	0	0	0.05635	0
lincRNA	-	2	0	0	0	0	0	0.144277	0	0	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.203296
pseudogen	-	0	1	1	0	1	0	0	0.125795	0.118359	0
lincRNA	-	2	1	0	0	1	0	0.163096	0.104574	0	0
pseudogen	-	0	1	1	0	1	1	0	0.123217	0.115933	0
sense_intrc	-	154	130	165	29	46	54	1.85298	2.00587	2.395422	0.5416
processed_	-	0	0	0	0	0	11	0	0	0	0
pseudogen	-	0	1	1	1	2	3	0	0.111765	0.105159	0.135278
pseudogen	-	1	1	0	0	0	0	0.082263	0.105491	0	0
sense_intrc	-	10	8	10	7	13	4	1.006224	1.032271	1.214067	1.093259
pseudogen	-	0	0	2	0	1	1	0	0	0.090593	0
processed_	-	0	0	0	0	1	0	0	0	0	0
antisense	-	8	9	12	1	6	1	0.112683	0.162562	0.203937	0.021862
pseudogen	-	0	0	1	0	0	1	0	0	0.217598	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	0	0	1	4	0	0	0	0	0.064982
pseudogen	-	0	0	0	0	0	2	0	0	0	0
pseudogen	-	0	0	1	0	0	0	0	0	0.549277	0
pseudogen	-	0	0	0	0	2	0	0	0	0	0
pseudogen	-	0	0	2	1	0	0	0	0	0.058719	0.037768
pseudogen	-	5	0	4	5	4	8	0.118469	0	0.114352	0.18388
pseudogen	-	1	4	0	4	1	0	0.19061	0.97772	0	1.183411
pseudogen	-	4	10	5	95	134	230	0.315227	1.010585	0.475424	11.6203
pseudogen	-	1	0	0	0	2	0	0.087645	0	0	0
pseudogen	-	749	650	703	59	100	191	12.85528	14.30614	14.55805	1.571745
pseudogen	-	0	0	0	0	1	1	0	0	0	0
sense_intrc	-	119	116	113	29	35	85	1.514223	1.892824	1.73488	0.572758
pseudogen	-	4	2	3	1	0	4	0.320068	0.205221	0.289636	0.124198
lincRNA	-	0	0	2	0	0	0	0	0	0.106847	0
pseudogen	-	0	1	1	2	1	1	0	0.284975	0.26813	0.689856
pseudogen	-	2	0	0	0	0	0	0.177278	0	0	0
pseudogen	-	2	0	2	0	0	0	0.183523	0	0.221431	0
pseudogen	-	12	3	9	5	8	7	0.999432	0.320407	0.904404	0.646357
lincRNA	-	6	6	6	10	9	9	0.391839	0.502477	0.472776	1.013646
lincRNA	-	4	8	7	0	0	1	0.168366	0.431812	0.355501	0
antisense	-	3	1	4	3	2	5	0.365377	0.156181	0.587797	0.567115
sense_intrc	-	0	3	1	4	4	0	0	0.754767	0.236718	1.218072
pseudogen	-	4	4	0	1	5	2	0.522451	0.66997	0	0.202729
lincRNA	-	18	22	28	69	83	30	0.527183	0.826268	0.989453	3.136669
pseudogen	-	11	4	8	10	9	6	0.657896	0.306785	0.577301	0.928314
lincRNA	-	0	0	0	1	4	2	0	0	0	0.143267
pseudogen	-	0	2	0	0	0	0	0	0.263727	0	0
pseudogen	-	1	0	0	0	0	0	0.151258	0	0	0
lincRNA	-	21	19	25	0	0	0	0.664433	0.770895	0.954378	0
pseudogen	-	1	1	0	0	0	0	0.369213	0.473463	0	0
protein_co	mast_cell_i	9	4	14	0	0	0	0.668796	0.381171	1.255241	0
pseudogen	-	2	0	2	0	0	0	0.301544	0	0.36383	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.240993
lincRNA	-	42	24	27	10	9	13	0.54223	0.397333	0.420578	0.200385
pseudogen	-	0	0	0	0	0	1	0	0	0	0

pseudogen	-	0	0	1	0	0	0	0	0	0.310854	0
pseudogen	-	0	0	0	1	0	0	0	0	0	0.187577
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	0	0	1	0	0	2	0	0	0.148103	0
antisense	-	0	1	1	0	0	0	0	0.098573	0.092747	0
pseudogen	-	0	1	0	0	1	0	0	0.038768	0	0
pseudogen	-	1	0	0	0	0	1	0.072924	0	0	0
lincRNA	-	22	12	14	2	3	8	0.81677	0.571304	0.627124	0.115249
pseudogen	-	0	2	0	0	0	0	0	1.08342	0	0
lincRNA	-	20	10	30	17	17	16	0.374671	0.240231	0.678092	0.494309
pseudogen	-	0	0	0	3	2	0	0	0	0	0.58069
lincRNA	-	0	2	0	0	0	0	0	0.099388	0	0
pseudogen	-	0	0	1	4	3	2	0	0	0.084441	0.434506
pseudogen	-	0	2	1	0	0	0	0	0.304455	0.143229	0
antisense	-	4	6	0	4	2	2	0.394034	0.757939	0	0.611595
pseudogen	-	0	0	0	0	1	0	0	0	0	0
pseudogen	-	9	3	9	9	7	2	0.385397	0.164739	0.465004	0.59819
antisense	-	0	0	0	2	1	0	0	0	0	0.232895
pseudogen	-	2	0	0	0	0	0	0.097282	0	0	0
pseudogen	-	0	0	0	0	0	1	0	0	0	0
pseudogen	-	1	1	0	0	0	0	0.300577	0.385447	0	0
pseudogen	ATPase_Na-	0	0	2	0	1	0	0	0	0.137821	0
lincRNA	-	5	4	3	1	4	6	0.331144	0.339716	0.239727	0.102796
pseudogen	-	0	1	0	0	0	1	0	0.097613	0	0

WT_2_fpkm	WT_3_fpkm
25.66783	36.02098
1.298307	2.982653
31.39104	40.92344
1.714219	1.406076
4.576324	4.474593
0.29576	0.100928
0	0
20.24253	21.92052
13.14034	15.49444
10.93159	10.49766
2.559433	1.121692
2.684655	2.437234
20.87455	21.74885
0.694156	0.35532
38.55527	17.06059
0.070922	0.123603
8.219034	6.884681
1.411945	1.029654
4.146079	4.381356
2.965934	4.044745
0.217018	0.032821
2.46845	1.725917
34.95719	39.67199
65.82706	59.34521
0.25512	0.154333
0.118827	0.065893
0.019729	0.175045
0.826131	0.694723
19.34636	14.87207
77.57461	83.92347
10.45004	10.80869
0.060133	0.066691
26.71809	27.43332
1.548969	1.382071
0.026241	0.072758
8.082914	6.163055
55.63965	56.55949
8.569186	7.638237
0.701724	0.441398
2.770355	3.353227
0.549013	1.047647
14.98937	12.64174
6.64427	9.293887
1.273991	0.947917
4.576449	4.201086
71.59124	56.17254
0.408019	0.179122
47.83665	59.33294
26.00287	16.32969
24.4123	29.87821
0.263639	0.036549
159.1747	147.2234
149.6458	131.4585
21.538	21.41864
5.749966	2.649749
5.702199	9.132724
1.219748	3.067559
0.759937	0.421408
9.635388	6.227116
91.27123	102.4702
0	0.038511
0	0
0.214388	0.095108
0.021369	0.154045

0	0.095769
20.52057	25.10992
2.912665	4.394189
7.534764	6.053723
0.02501	0.013869
0.067194	0.167674
11.67026	17.81179
33.90298	31.8737
0.671936	0.298087
62.52804	53.0084
1.180241	1.274513
285.1416	284.783
8.177964	9.251864
0	0.300035
45.16621	51.79137
17.26232	23.87605
0	0.101748
0.097239	0.140197
22.97641	19.32575
6.256612	11.57478
1.505798	0.67769
3.036983	2.507155
33.46204	40.92988
26.27818	22.87442
1.839691	1.443742
0.139365	0.154564
14.12497	12.74197
3.549366	4.87562
14.07487	18.70127
0.700167	0.279911
0.018752	0
0.096709	0.160883
3.705636	4.140793
22.97953	16.1916
1.036411	0.520502
0.44789	0.291191
6.42736	3.721265
27.67131	29.18588
9.851976	4.92436
4.081695	5.345775
14.59146	23.50914
1.855375	2.222709
3.385268	5.150109
0.02382	0.026418
2.653131	2.32196
11.27513	7.90505
1.922245	3.270716
11.07704	9.31208
16.22746	14.15756
5.607006	3.636073
0	0
19.08426	19.39403
24.05395	25.69959
56.54341	25.47597
2.209006	1.546514
16.92897	23.32542
8.454617	5.081558
0.862125	0.817353
0.199436	0.138242
0	0
6.028366	5.380457
0	0.022299
45.44617	44.00279
53.10801	52.65356
0.150331	0.778058

12.64433	20.15404
0.21424	0.201965
12.07001	9.047481
6.629563	4.281699
60.34786	59.21471
0	0.149432
5.736742	4.013488
33.13456	33.28143
11.77628	7.680477
2.906138	1.463013
9.149356	11.12622
6.92005	7.799986
0.623405	0.316401
0.612516	0.247025
3.634657	3.838446
0.441585	1.371286
3.126567	2.821637
0.942801	0.280533
60.71071	61.34421
8.422332	12.95386
0.45232	0.237624
6.886493	13.71149
9.63827	11.21671
12.38987	7.826922
19.68389	30.6962
5.574462	7.76885
12.39494	6.702316
41.90616	47.36069
0.118751	0.131702
0.902601	1.067775
4.52947	4.084112
0	0.010937
15.68397	19.09108
0.891062	0.988242
0.025498	0.197949
0	0
25.54275	11.9897
20.31493	24.36714
152.363	131.3852
0	0.04072
19.48333	18.40142
0.475762	0.544138
0.087631	0.17008
15.08794	16.22215
3.491012	2.432466
80.67439	37.9789
20.2008	13.62313
0	0.027665
0.782813	0
1.980735	1.226301
1.796242	1.931313
0.1645	0.026063
0.260116	0.736131
27.5782	31.95732
23.86361	19.05566
27.87899	34.71839
11.4127	7.048569
5.255752	2.487607
58.49054	53.45785
14.51999	18.55459
3.37915	3.118639
29.47202	25.76121
25.3148	32.69254
0	0.032994
22.80516	25.04604

0.0491	0.217819
4.257933	3.475406
71.66088	83.87979
2.384229	2.536766
132.06	124.1361
1.274406	1.552742
0.190159	0.210898
0.304233	0.103819
38.17081	34.00611
0	0.011878
0	0
0.135266	0.085724
8.696299	4.875859
1.895732	1.534443
25.37163	23.84905
17.55895	21.38906
5.951275	4.719275
11.03675	7.052049
47.39574	39.35968
15.44688	7.569747
22.77112	27.95101
8.902589	4.915385
69.15533	85.40073
6.752799	5.549599
0.689854	0.860727
0.202091	0.112066
1.434762	1.354035
30.11756	24.12166
1.034032	1.246527
9.266044	4.41748
1.320525	1.956826
48.1269	47.24276
2.49441	1.541129
3.497726	2.802192
7.883749	15.49518
405.9449	395.8023
164.4476	179.2261
20.68375	21.46467
0.611582	0.803889
0.972892	0.662354
0.964152	1.728292
2.90197	2.315034
3.8293	2.509548
0.770915	0.458776
6.893656	7.316253
13.31648	18.01582
2.746369	0.966283
24.53154	26.39449
16.59373	12.03303
0.431759	0.319231
3.140107	4.875597
25.43566	32.36974
2.564161	2.881728
10.01518	14.74996
141.3767	145.7642
7.920199	8.557786
155.4969	150.2561
0	0.036921
62.89263	48.65247
4.705069	4.907336
0.26428	0.125615
8.015912	2.068977
0.82377	0.646555
31.27554	23.96521
0.211446	0.112911

14.82672	11.92171
0.028415	0
2.632112	1.653897
0.064272	0.142563
2.940048	4.427508
0.438636	0.1769
1.143405	0.549512
0.12037	0.0267
0.293638	0.234477
7.051111	6.852887
20.46745	14.04493
2.509529	1.635938
0.039672	0
10.67307	16.0188
105.582	115.9936
5.337937	9.015815
16.21641	13.55774
0.03321	0
15.05137	13.0453
4.249601	3.945253
6.41321	4.48793
8.876971	9.701167
4.445274	5.256035
5.191935	10.42578
20.55259	14.25256
15.4352	16.40211
49.89242	46.79009
15.30427	10.79457
33.86007	31.88748
219.3488	265.6083
4.429094	8.588883
11.55016	4.48273
18.27009	21.01741
6.105298	11.47496
11.87749	9.109803
14.08531	18.26819
15.58162	15.69696
9.057703	8.061239
0	0
9.084575	10.13496
26.25578	27.80838
7.008268	8.573409
13.74964	10.78178
0.45034	0.532752
0	0
21.33273	12.10317
2.007119	2.188917
5.777554	6.746433
11.04524	8.274489
0.132989	0
3.517563	2.286182
2.953202	2.688202
4.920176	1.786298
0	0.023115
29.36288	21.51556
63.78568	54.32391
1.36373	0.35749
10.44983	9.577687
4.870499	3.453533
8.067597	10.58782
4.709417	6.768474
7.044371	6.00058
63.88484	97.24143
2.839315	2.016056
0.036365	0.080662

7.900406	4.825466
128.7106	117.5899
9.210096	1.706432
10.88938	12.46311
5.805078	5.491061
2.634161	1.821976
2.941773	8.285299
2.484638	4.592691
10.74319	8.86492
3.269274	2.438895
0.949467	1.030125
26.54504	29.96696
13.92123	7.602528
0.126501	0.093532
0.051163	0.070929
0.229103	0.042348
80.12579	77.47469
4.086211	4.613365
11.35938	13.26034
17.73641	14.21249
99.89027	87.73499
0.417224	0.506796
78.2671	86.84472
18.78623	26.164
2.720494	1.343271
13.45067	13.75681
20.37719	15.64371
0.158416	0.216238
7.999357	8.8561
0.470101	0.111722
0.700755	0.116577
13.299	14.27985
53.46984	81.83619
0.049197	0.095485
26.05985	13.11584
0.136963	0.094937
0.027136	0.030095
17.59562	17.98811
0.045072	0.174957
4.605346	3.556409
0.265859	0.550393
0	0
13.13994	13.80131
16.27223	17.42177
3.351531	2.770716
0.025273	0.009343
10.37891	19.78831
0.228337	0.069065
49.42218	35.2961
13.6113	8.149758
1.564183	1.239124
0.086053	0.023859
4.76452	4.996664
5.645716	6.421083
0.069996	0
10.39144	11.40862
6.299168	3.709016
10.42697	11.15713
1.407068	1.853123
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4.369256	1.740194

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15.55965	27.33386
4.168832	3.744916
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13.50542	8.522882
6.998028	7.918032
2.222455	4.279378
0.987096	0.34905
7.03169	8.851756
0.756521	1.041552
7.064487	4.232974
0.10079	0.186304
0.093224	0
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0.635702	0.875949
6.545545	3.842174
16.74101	15.87965
0.629295	0.520488
0	0
14.74779	12.56518
21.96964	23.2039
0.188891	0.306179
38.57214	46.51235
6.894855	4.959847
49.73444	48.85777
7.263699	5.053048
7.438982	14.59666
2.033922	1.150162
28.53612	22.43503
17.29997	18.90923
6.840319	10.29499
7.546614	7.064555
19.46922	11.41968
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2.618008	4.591469
2.964361	4.140012
1.940215	1.711083
12.8606	10.03258
117.8187	126.5351
0.046752	0.116665
9.195007	4.931485
9.206044	9.786943
4.358993	3.643513
4.622735	3.786014
6.373214	3.034752
5.392277	6.096612
6.266791	6.075718
5.853906	4.061225
3.96999	3.126363
17.93831	10.69731
2.127478	2.084227
7.956942	5.673043
0.393914	0.168029
39.69734	41.77239
27.70123	27.1826
12.78345	16.42241
19.15285	19.33777
5.053584	8.058417
0.334671	0.454983
0.532935	0.21493
15.97245	6.336638
0.324708	0.630212

12.63641	6.695839
5.652156	5.217985
0	0
1.406966	0.600158
9.106077	9.66883
5.910561	4.152249
0.024343	0
6.182565	10.10821
8.26109	10.43384
3.080222	2.963411
3.096729	4.166396
0.691165	0.504798
5.933775	8.528024
2.348164	1.017755
12.82576	17.59315
5.643567	6.674634
13.08859	17.97224
3.256847	4.228383
10.8308	38.14075
7.868484	9.429533
2.760736	1.0453
0.060103	0
14.47531	11.65366
8.759241	9.919048
118.9766	140.8497
27.42864	32.61027
35.02561	31.52774
0	0
0.4489	0.424643
77.20394	70.23658
1.465546	3.389357
3.092016	1.611149
0.531667	0.19655
4.979848	8.940035
81.94677	75.00488
32.58937	36.97424
1.644127	2.583203
11.03249	9.981142
41.95605	26.45751
0.742326	0.823285
5.950671	9.615906
6.896972	7.602139
17.96423	24.52561
9.970157	12.04541
0.200373	0.169315
4.939549	4.45192
5.646011	5.781737
5.972245	3.221367
8.288039	6.794042
8.131434	6.411416
13.71082	7.296814
12.47591	12.33331
16.73233	33.74177
24.30724	22.77108
0	0.271095
1089.802	1040.57
1.698143	2.399328
2.007428	1.637965
2.364914	4.37139
16.51828	15.20087
0	0.033057
4.858211	3.793033
24.33764	34.85979
73.18596	93.0125
17.63973	22.07098

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8.732871	13.17739
25.25909	27.09741
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14.50167	16.79973
20.89047	23.67615
8.331343	12.60304
15.71284	17.90659
0.185741	0.178531
0.103337	0.072932
6.514077	10.78589
2.32909	1.328453
0.198321	0.013747
11.85104	6.009578
29.11892	34.80027
7.600529	4.361682
33.78308	52.52417
5.315727	4.607566
4.365388	5.305172
5.353379	2.911741
3.576157	8.298972
0	0.142986
2.32789	3.039301
7.559166	7.819483
5.641591	10.48677
23.78571	19.95654
0.166602	0.133446
14.617	14.6554
9.391341	8.647589
17.6253	24.49986
5.081556	4.386696
0	0
87.69852	73.4063
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2.97005	1.728316
4.824122	2.279107
0	0
20.72814	25.57163
0.038032	0
46.52086	33.24977
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10.58828	16.93064
10.10575	11.73352
9.948897	8.34741
5.285834	8.192821
21.24252	15.86578
36.33165	40.93628
0.018059	0.060086
7.429829	5.323452
0.059691	0.075658
48.65474	65.16527
0.018064	0.010017
14.35716	21.91817
0.929294	0.668526
0.57691	2.694488
6.41131	4.192531
3.149026	1.761963
19.48614	16.02219
3.58341	4.271755
1.771454	0.972788
4.17819	6.541099
5.908268	4.353611
95.4123	58.92576

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0.051185	0.056767
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3.184743	5.367368
9.875494	18.64486
149.6223	95.3919
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8.378202	9.585366
0.108468	0.144357
17.73266	8.194419
133.3149	130.8231
4.746704	4.23628
4.29798	5.581757
0.064128	0.308196
108.3979	184.7787
29.18541	29.97118
10.0033	7.532638
4.752366	6.88743
25.08894	27.25091
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5.176165	4.117662
4.313132	5.173599
13.77153	12.91389
23.20711	23.58355
26.0106	33.25573
2.056036	1.170138
0.123942	0.082476
8.706001	22.05141
0.1195	0.235614
5.236469	3.934156
7.364561	5.237614
0.596301	0.912641
0.851878	0.96331
1.963542	3.311526
0.188346	0.447615
11.49826	8.753592
0.226702	0.131179
2.381466	1.902905
63.87571	54.16789
5.89313	4.741101
31.48892	26.01537
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19.08002	18.40348
16.4115	34.10013
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21.35456	13.93641
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5.747868	4.671143
13.18243	16.05602
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6.961257	9.81303
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17.54155	15.63368
11.19381	13.57015
6.709771	5.62886
2.248571	2.281564
1.813285	3.076897
0.407628	0.461503
9.524153	3.92249

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36.5928	44.48357
17.97252	14.5048
31.79761	42.03459
13.26964	11.8355
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6.424659	2.797802
32.74845	23.06628
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9.863615	6.574003
5.98023	5.787859
32.92997	27.94676
16.38876	14.81996
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133.1248	87.00943
28.9347	27.14452
62.27503	63.15474
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36.03721	69.19196
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38.10913	28.9184
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44.48931	36.05111

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0.222595	0.284852
22.43368	14.39251
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9.394187	9.582318
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1.95314	2.013247
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1.942894	1.473494
4.0773	3.759445
42.14989	93.25801
37.32726	37.17506
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31.42845	36.31682
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17.48965	15.65557
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8.497069	10.1382
8.804195	6.719874
14.68563	18.81459
2.76363	2.56363
1.555852	1.795488
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28.62863	25.29746
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19.28227	18.5861
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2.451856	1.976291
1.098311	3.618456
24.72651	11.7796
0.746142	0.391982
3.867003	5.174784
32.94944	30.67358
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8.65681	5.344294
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155.329	168.3015
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36.98876	49.61394
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8.131047	6.77578
3.737927	2.735525
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11.77282	12.89673
51.92411	66.88806
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29.3271	19.40773
27.48638	24.57375
5.067752	3.363054
13.43098	13.64217
3.166083	5.565535
12.74107	13.82509
18.1641	22.54588
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8.338569	9.275101
0.970517	0.872727
2.53516	1.922804
51.98317	51.58706
7.806246	5.489859
3.174467	3.05826
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5.794975	4.306739
2.679488	3.078805
252.4407	173.6585
4.096577	1.448605
25.93984	26.25526
67.28264	55.70691
0.559715	0.66674
19.6509	15.41216
17.27508	31.20157
22.2664	15.25087
0.203754	0.387388
5.469504	2.918793
37.3701	24.61071
40.41444	53.25077
0.12769	0.196084
2.415008	3.25166
11.2202	16.28696
6.453938	9.44831
4.459206	4.814234
27.03219	41.76099
23.71576	18.52965
3.558081	6.082107
0	0.022562
0	0.129352
3.973903	2.843419
35.21866	39.10104
23.44701	27.79126
2.72276	1.917624
19.30433	14.62604
16.84917	13.60934
2.386117	2.281564
75.73862	65.8821
16.8906	19.52671
0.28288	0.092957
0.305847	0.772628
56.98914	66.58314
0.054083	0.039987
0.107852	0.119615
8.120561	5.681089
15.82319	14.08042
11.02491	11.94072
2.553357	2.374051
60.8716	49.21553
0.263845	0.261818
194.493	163.6958
1.040679	0.323169
12.45233	9.824762

12.7507	13.65137
207.7423	182.8395
12.12108	12.73353
40.19466	33.65996
82.22095	127.8501
150.4914	130.439
16.96214	19.94304
0.844496	0.364908
0.420724	0.733242
3.97596	2.939721
5.499281	6.830922
34.69906	28.31515
3.505467	4.177909
19.82936	12.08176
31.17144	37.71081
0.741652	1.363062
0.040283	0.402091
17.49456	18.98577
24.40847	16.42021
0.453363	0.344026
0.238361	0.125222
0.4108	0.124255
0.112517	0
0	0.031543
2.978119	1.378038
0.482898	0.172145
24.92924	13.05826
3.132201	1.86877
6.875311	8.67547
7.904743	7.403314
44.76644	43.31252
0.068832	0
22.04955	21.58314
38.73192	22.90514
15.68023	15.09145
17.71478	23.36202
25.06904	19.1417
1.812558	2.130252
5.207473	4.53098
0.804234	0.713556
200.759	200.8723
6.877289	3.364108
1.780671	1.104824
9.201242	13.44736
16.2326	14.80753
8.031287	8.249829
0.152373	0.033798
0.041641	0
0	0
26.7294	14.56345
8.181993	9.458653
54.99561	37.2015
0.071323	0.118653
15.63961	16.08143
18.04988	14.75842
76.8501	83.19332
7.021652	6.943553
16.8942	9.352655
34.44746	32.07357
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22.6774	29.59654
82.00682	86.04113
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4.868764	4.961026

85.87082	83.80409
4.161295	6.518996
1.762292	2.451785
0	0
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2.912464	1.824057
18.839	18.12485
0.030198	0
0.08422	0.093405
95.66128	108.251
8.411337	10.67202
15.38264	12.34017
7.837079	5.827682
85.07558	67.79581
10.4561	9.676842
4.427259	3.152078
19.747	44.44538
8.45322	10.6073
7.475512	4.228863
0.131373	0.05828
6.611622	6.667695
2.890964	3.511612
0.129934	0.132096
5.669404	3.194977
6.304517	5.090244
9.261058	10.73223
10.78774	9.902335
7.181626	7.787645
9.054679	11.31566
1.731287	2.512474
33.01497	25.90032
12.10601	8.161454
28.50758	19.34703
4.998658	3.139701
5.631999	3.316361
912.4409	898.4089
4.707435	1.5109
14.33386	7.54066
1.656031	1.108317
30.00608	29.82135
0.239903	0.443445
6.242647	4.615651
61.10246	58.50494
21.80118	18.54583
23.96244	33.54029
0.174893	0.11638
10.30777	3.837296
2.240149	1.113724
3.444519	8.494211
0.007589	0
13.78774	16.45695
0.309771	0.294475
1.77536	2.28777
0.111048	0.20937
0.141107	0
1.753284	2.768051
3.519746	2.714695
8.824744	10.0191
24.52833	31.49188
8.675803	13.96741
14.08156	12.84879
4.736949	6.620099
6.52054	6.688586
14.62551	18.70963
8.60672	7.470295

27.22428	22.78862
1.703278	1.219881
18.5788	17.39323
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13.07587	8.294276
3.460123	2.15085
5.89769	6.523026
2.026367	1.392811
17.85085	27.32638
72.08716	56.77253
18.37513	43.6311
0.031987	0.053213
5.427269	6.063539
21.69348	14.78919
10.98486	10.35404
18.60411	21.56635
3.811911	3.056395
19.74603	18.02764
1.614165	1.90696
1.526383	0.846426
2.617388	2.250266
389.6076	358.1947
6.403519	11.06082
9.036253	25.37792
19.94058	18.53239
10.06735	14.96303
13.14687	13.2619
3.771073	7.283669
210.6552	197.6917
12.57721	15.35597
0.531162	0.785454
23.48945	14.94985
1.410258	2.799539
32.06455	30.41218
9.400843	10.95601
0.094828	0.077124
25.20466	22.28236
12.95404	11.10863
159.2817	125.4528
0.110508	0.040853
8.608137	10.87234
18.80821	14.51378
9.631386	7.921733
13.69158	17.56273
5.568175	4.019793
5.183954	6.384419
15.73504	12.12596
2.701605	1.94201
7.105569	7.285093
50.8971	45.77469
23.79592	8.855229
4.392135	3.830707
40.40179	36.71596
30.74346	35.28601
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10.44289	13.44109
10.18711	9.88005
17.89247	15.67664
19.9822	20.88011
19.41388	21.77387
29.55378	29.14817
0.225361	0.178528
19.83584	15.98243
9.959031	14.86912
133.2142	130.928

7.488471	6.369077
38.05004	37.49865
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6.0552	7.66961
33.64434	28.93587
13.58151	16.7022
8.596005	3.693363
17.38678	18.60402
1.686987	1.423217
2.400063	1.643635
15.48982	11.68862
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3.009214	2.002441
0.038611	0.171289
0	0.023053
1.162719	0.853269
0	0
9.020924	4.719829
20.41763	23.35462
84.38502	81.14363
10.5218	12.48181
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2.760709	1.208603
0	0
108.9936	101.4353
1.773911	1.26209
10.79772	13.76011
0.871055	0.509861
0.658428	0.463541
10.56606	5.358415
0.580613	0.633203
0.497017	0.297958
0.249095	0
0.65554	0.193876
78.38032	76.62276
0.626447	0.932702
1.000479	1.426619
22.72222	37.79236
9.460667	6.70537
1.112861	1.015254
38.70552	33.30493
11.36247	13.96844
6.760159	6.10927
1.813701	1.32903
10.00854	7.149205
33.15123	33.57504
10.5248	12.06912
1.861512	2.671744
51.43244	40.44388
0.637515	0.439938
1.6967	1.683305
0	0
0.056623	0.125596
9.403703	9.63005
2.387957	2.357713
11.97411	11.28965
6.994986	10.46651
3.356048	2.435577
0.543986	0.281546
7.075075	2.753224
34.93838	38.3912
58.7926	57.66704
4.188006	6.629456
10.46604	10.6575

4.054749	2.885335
19.30666	18.94754
0	0.025916
7.242373	5.111421
0.124969	0.0252
39.14928	36.14273
18.33999	24.82494
58.55563	49.13011
4.636633	4.541747
0.028454	0.015779
0.428261	0.26793
0	0
431.9181	393.6868
8.482919	4.256033
17.05939	19.04861
27.03985	27.09785
2.205162	2.847685
17.66426	16.76835
0.186657	0
78.20104	82.47207
90.29317	94.7945
3.875838	3.442907
1.306299	0.710452
0	0
4.915475	5.767425
4.891373	6.795726
0.078951	0.035024
47.18418	36.36675
28.53605	33.61758
0.844417	0.402535
267.7364	271.7353
100.5968	125.6561
2.5323	2.869089
0.159606	0.118009
1.486203	1.740796
11.15948	7.906275
2.630104	7.182977
4.3604	2.129261
3.152981	4.203657
22.55962	27.78424
3.877982	3.831727
20.3316	25.97642
16.28148	16.97433
117.7587	105.7584
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40.32746	49.55212
14.85321	10.71011
33.40866	34.66328
8.20162	6.959892
64.61992	51.94133
0.102049	0.135815
1.649961	1.467081
0	0
35.71191	34.79599
7.707641	7.017701
25.05017	31.04162
19.95578	14.72522
52.30968	36.29109
0	0
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4.21713	3.56862
11.59907	6.121037
7.817973	4.729422

0.542469	0.544333
0.594844	0.082465
10.48602	4.50241
1.966553	1.502893
23.18774	26.82102
14.17636	11.4786
35.72031	58.04032
0.308361	0.141514
10.8873	10.00577
20.28145	22.44891
5.714409	6.92054
4.816488	4.587464
0	0
22.0642	24.92096
75.60372	95.03857
34.1688	22.20995
13.01402	18.51909
11.22442	12.85014
0.994628	0.857969
3.188696	1.871033
0	0
3.522312	2.622442
7.092526	14.24964
50.28721	40.54784
7.776229	5.5791
12.66633	10.331
5.476018	3.247495
81.34842	85.5802
2.610761	1.901081
4.985832	8.359826
0	0.02711
6.735544	5.6682
1.880209	0.854072
6.23447	3.717144
13.66618	18.52767
6.964935	9.194891
1.158804	1.348183
13.44994	11.15689
18.80468	17.00585
0.762609	0.174989
75.14246	116.3682
0.094071	0.052165
8.038125	5.371431
26.09527	18.79842
0.025295	0.028054
0.088176	0.183361
45.66299	30.06565
2.050039	1.254919
1.379709	1.295553
11.02906	12.5315
54.36999	35.19773
7.346239	7.322072
0.044731	0.148829
5.255045	1.967375
4.193735	4.823844
1.453357	0.964104
2.375657	2.857689
15.27083	15.62819
0	0.014421
0.043357	0.024043
0.178806	0.488139
63.6862	45.27684
0.729251	0.899423
32.35675	25.35916
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0.292863	0
0.624628	0.50032
15.48306	16.08532
4.956975	5.480299
14.80259	12.13297
10.86712	10.69046
208.2299	206.9055
64.24081	48.57864
30.20331	36.02801
4.473868	4.112066
54.02068	62.33919
10.81528	9.75511
0.165235	0.36651
8.170508	5.128263
21.1586	26.35028
8.806758	11.7005
24.77524	18.16512
0.474389	0.515389
0.263879	0.362338
1.425508	0.400006
12.10925	13.87415
5.283023	10.37713
3.639994	3.759928
2.303501	1.766818
29.5228	35.47798
1.388525	0.559985
11.94281	12.58429
62.22165	62.0684
0.185639	0.133825
4.313998	4.73039
1149.676	1151.718
0.100697	0.335037
72.33305	70.75207
14.18399	10.54195
3.783688	2.727621
23.14209	17.10565
0.234371	0.09452
0.606369	0.190054
46.02961	32.12679
0.149032	0.264458
9.499495	7.908625
8.330465	13.42418
22.82697	24.28877
19.2794	17.95913
17.38047	20.02562
3.313349	6.144789
27.71166	21.28584
0.479991	1.610328
9.229775	8.231317
9.981195	6.922408
15.3971	8.876004
8.66785	6.813866
0.20578	0.09781
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2.056772	2.230016
11.21697	12.84952
63.11531	60.19208
3.613253	1.52391
3.401163	3.253986
1.512687	1.504961
1.599221	1.440465
25.79447	19.67375
143.4944	148.611
5.79708	4.591123
1.767829	1.108628

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2.153364	1.705865
5.217525	3.713345
518.3372	565.7922
2256.699	2793.401
2.247626	1.509066
0.180269	0.188169
1.23109	0.313662
14.63009	12.7545
10.76715	10.92921
91.13824	89.47875
2.129431	2.409379
0.781121	0.406083
38.96712	36.06282
0.020919	0
0.562236	0.400856
0.029502	0.114518
36.37756	29.30756
0.664515	0.535991
10.11528	8.36549
48.925	80.21162
17.75439	19.39415
3.471326	3.122934
1.795331	1.859848
19.73386	15.89094
27.5034	18.23874
14.25833	21.41808
74.45424	107.8798
0.964938	0.42807
2.359338	3.663309
0.303639	0.192431
0.49769	0.48828
0.553378	0.487374
7.468868	8.641355
5.014249	5.527907
15.18102	12.72417
2.653286	1.412475
75.20144	79.20689
0.042457	0.361007
4.569396	5.186051
9.446379	8.403402
17.31779	15.56929
8.218696	8.449806
55.02701	57.3355
0.291359	0.896241
26.28181	12.88516
5.27753	3.207179
33.19025	25.97108
41.55976	31.69597
17.6133	13.42978
25.05136	18.05631
37.93586	32.34987
8.834342	6.604782
4.003928	5.005767
0.605923	0.313602
0.080528	0.08931
58.54993	51.72346
26.7011	30.57745
16.01726	7.17226
31.44748	47.64804
2.849817	1.543126
13.62567	18.92554
38.47476	38.34392
14.9952	16.61191

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2.053322	2.566741
0.409292	0.248929
132.2554	101.142
53.81234	45.57694
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0.134436	0.149097
17.87904	11.34117
3.409123	6.411891
23.41973	16.70051
0	0
8.563148	9.659241
0.523455	0.254873
156.8985	143.1104
6.455331	4.491482
1.46594	2.869089
28.91865	34.22026
2.431718	2.05362
13.83624	14.48548
124.7631	107.5471
0.064239	0
25.89684	29.49333
0.118233	0.032782
144.441	136.4312
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0	0.148082
0.134263	0.283629
7.743787	7.691042
3.051667	2.45778
24.14771	19.46965
7.215386	5.798076
0.018396	0.08161
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2.558202	2.370557
33.97319	35.44651
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169.3297	156.0095
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3.05314	2.080499
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3.625936	4.36546
6.023427	4.507352
0.079837	0.118059
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42.96285	38.7376

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2.745728	1.834916
13.81694	12.12035
191.2131	225.9631
3.004204	3.948854
0.057382	0.042426
4.70024	3.495439
0.739201	0.773163
28.07336	22.33603
35.78606	37.32038
2.55416	1.64693
2.094393	0.862074
0.405797	0.195675
4.298227	4.780853
0.632106	0.739991
14.19582	12.22487
4.9663	2.762994
238.7321	279.8628
33.81417	30.66633
1.245047	0.707896
87.78912	75.37286
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9.831471	9.369575
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35.89812	35.85814
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6.710752	9.372204
36.66383	36.02527
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5.019401	14.46156
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16.41245	25.53819
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437.7391	634.9269
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18.34609	10.67737
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2.197561	1.039029
17.55127	20.76523
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4.482334	3.026388
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0.305847	0.339203
0.124974	0.360369
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4.336781	4.268173
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56.75834	56.59774
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6.102427	4.646662
0.173051	0.277224
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3.522993	3.138795
31.08232	22.5215
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0.043203	0.139389
0.269943	0.382545
0.927411	1.175492
12.07517	16.97055
20.58966	24.2559
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4.262375	3.884305
0.805878	0.152131
0.173298	0.089692
0.040447	0.119623
14.38516	13.99739
19.04994	13.81251
2.165457	1.322633
0.368833	0.460191
5.347442	3.450035
5.507007	5.613697
0	0
0	0
14.32358	16.21605
33.07141	67.53512
0	0.025043
0.38079	0.241325
23.27277	17.38864
7.926333	8.337653
6.10367	8.720504
2.864804	3.338251
0	0
8.488244	8.179359
0.338041	0.316099
8.628542	9.975356
0.073497	0.244539
1.272906	1.794349
4.896324	3.388743
10.49769	12.16291
8.259845	11.94204
0.532456	0.178531
63.8686	72.86789

13.95413	8.621518
11.13554	7.688608
127.1418	141.008
7.160587	7.795811
45.89628	45.05859
0.213357	0.157751
4.375977	6.078545
0.732881	1.032488
6.793419	9.753326
1.300724	1.736131
2.621266	3.601771
4.829163	4.368754
5.663715	4.390309
2.689998	2.285647
3.677692	2.337281
9.611083	9.423799
15.7785	21.01519
34.54903	31.73564
0.349558	0.298216
3.443907	4.71191
4.674837	8.379562
1.480139	2.188752
4.236469	3.968637
6.951882	5.87621
3.585917	6.135419
7.220258	9.674284
2.891966	3.741927
0.040342	0
1.090244	1.65171
2.319621	1.765242
1.390615	4.155076
2.758942	2.846358
2.424322	3.683547
4.60512	6.232193
0.633217	0.614491
1.319803	0.716299
5.179714	3.992896
444.7724	439.6752
18.94183	20.04365
20.69231	23.63407
15.86718	15.19318
3.295527	3.326933
7.155143	6.884333
10.56756	20.69289
58.49219	70.73906
32.83424	20.16344
14.68823	18.12007
0.0476	0.123181
4.508535	3.863088
588.108	558.8528
190.1327	188.1752
6.392057	3.795218
1.285058	0.90532
55.08545	56.05839
129.0283	142.2974
43.21382	40.47975
2.294704	1.980752
22.61984	27.49105
0.017587	0.063392
3.865234	3.394088
27.24512	23.81845
3.848858	2.160988
29.29292	19.27574
52.02301	39.03584
0.198814	0.0315

65.50095	59.81158
3.77378	2.729577
55.12187	52.81177
8.05325	6.856165
4.394092	2.045589
2.726701	1.323638
4.220674	10.76749
23.3956	33.92767
0	0
2.434293	3.553791
2.177157	2.811027
6.392613	6.031289
30.77629	28.04102
4.284672	3.586631
11.73521	14.0732
1.703604	1.905549
23.06275	19.26846
2.629627	0.33769
9.056457	13.39759
12.53047	14.85028
0.803867	0.47199
8.637533	12.05222
0.013366	0.088945
4.543971	3.706577
63.34149	74.92336
11.42429	9.966309
9.225563	13.39823
99.5819	107.9381
0.386032	0.3211
14.97922	17.68769
7.494332	5.988881
0.948042	0.909054
7.640549	7.182332
21.88872	33.08768
2.476499	2.591851
30.15819	31.00514
7.967424	8.672722
1.832501	2.225913
13.22022	12.24804
14.5229	14.60023
21.30517	14.04044
54.65523	93.84488
9.754188	6.539966
25.5331	23.23508
9.736475	12.21918
0.084735	0
15.91804	17.67816
9.677914	12.69355
0.184166	0.331908
31.28689	30.67219
0.161125	0.059566
1.576658	1.934068
2.731238	2.596379
248.6131	406.3114
53.53566	39.75793
2.664176	1.413133
9.042492	6.448458
0.20932	0.06159
16.22424	21.87466
49.19267	59.98105
1.48182	0.542784
42.46034	40.64063
0.029495	0.065423
11.42703	15.25487
0.1289	0.023826

1.105623	1.06271
41.02199	38.00321
8.279635	10.72456
0.775221	0.921179
3.110392	1.322352
0.326325	0.58221
4.211488	3.996661
12.72347	13.88095
11.93175	9.932019
15.24589	4.171535
84.2425	72.36841
2.583453	2.259553
927.7676	916.4877
60.38961	103.2756
156.5431	100.8533
8.683266	8.388204
21.11115	18.19567
3.585118	2.48762
0.348803	0.902635
50.86205	48.0435
18.57335	17.20329
33.70843	45.15986
13.99578	11.873
0	0
33.83993	30.79382
0.040056	0.044425
1.289878	0.77914
9.534692	6.399088
9.526135	10.46134
9.625456	6.743029
9.792109	13.64318
38.08651	43.10448
9.71121	8.272568
3.264867	4.028292
110.1467	147.0886
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7.555312	6.555571
101.057	96.33484
3.806909	3.513275
250.1043	281.7048
17.09173	18.72308
0	0
0	0.126206
3.454775	5.259806
19.19364	25.25119
43.48763	48.14933
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6.535462	5.995445
4.618033	2.181456
1.943617	1.241619
14.36539	15.44355
1.11559	0.285521
3.867768	5.004522
27.73773	31.76895
0.520128	0.394689
2.700478	2.346525
21.18439	34.51402
265.731	286.2686
12.4563	13.11742
28.11539	21.04849
8.560152	8.092547
396.4769	547.4031
72.52368	64.98069
1.025288	0.459437
16.09328	16.0089

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0.479744	0.864606
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46.70911	37.96776
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1.588517	1.211211
5.986532	1.841404
18.07894	14.58571
0.053801	0.029835
1.646033	1.846063
2.023589	3.548225
11.34129	12.76955
2.153881	1.388829
5.429816	3.900339
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0.027717	0
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7.806527	6.333498
2.693535	1.63399
1.829102	1.061689
0.768085	0.402264
21.3448	22.46313
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22.28609	12.14219
0.536946	0.860175
54.89312	64.14732
6.458325	4.840611
114.6081	156.4821
5.697661	3.192099
35.37766	54.02475
513.4227	578.0243
0.035847	0
19.9995	19.8645
0.12405	0.160508
13.7263	23.85198
4.309579	4.244557
20.79996	23.51636
3.228304	4.549661
8.438078	5.066485
42.72723	50.95899
1.793363	2.08103
34.93085	30.28273
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1.267079	2.833957
4.1972	3.278959
0	0.034602
54.59352	47.88716
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34.83783	24.06312
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0	0.026545
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0.730434	0.945112
226.6519	252.6286
1.022608	1.35016
8.157964	9.748916
83.59364	96.95702
2.389921	1.155376
142.6989	179.9829
18.80612	14.9772
46.91882	34.16758
6.258824	7.264273
208.0405	109.1493

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11.0379	10.13462
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0.700228	0.776596
0.570186	0.316185
169.5865	178.4212
13.52996	10.13993
3.221401	4.175109
9.756183	10.33761
1.10398	0.505723
132.989	123.4382
1.567211	0.596934
24.99964	31.2722
2.549891	1.677061
6.825787	7.042059
22.94195	16.21393
6.384493	2.445781
7.482784	4.822312
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6.077041	4.355559
30.46387	15.03845
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13.44574	13.57036
26.22466	33.26568
42.67357	55.54059
16.51752	16.25086
16.53102	12.92912
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24.16512	30.4332
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37.54161	31.73695
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0.421017	0.831726
0.568001	0.678405
19.67606	19.24208
8.666294	10.27134
1.671902	5.861794
10.30084	10.00274
58.35338	71.25437
0.058025	0.112618
56.65655	33.46832
6.613783	8.190848
23.67274	25.77497
17.83546	15.33413
8.856249	9.692994
161.333	111.793
56.93477	43.76871
13.77963	15.10825
18.17428	23.90205
0.056821	0.03361
10.5281	13.25146

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48.22243	43.17082
3.184412	2.79086
6.888829	6.767527
9.941986	8.421806
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25.4267	18.62577
0.208054	0.134601
15.18274	19.98469
0	0
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33.97227	29.22231
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11.30957	16.00883
1.765309	1.707415
9.357162	10.97695
0.637398	0.215668
16.36149	15.45431
14.97963	14.78934
0.400745	0.317465
5.258229	3.241963
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31.50987	37.82025
19.18724	18.25946
0.026983	0
47.15243	50.75459
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30.29786	27.48813
0	0
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1.252953	0.437287
53.7863	50.40515
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36.89142	31.15588
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6.654867	5.912909
32.5581	11.39786
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82.26218	92.98135
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32.13879	17.32172
8.541868	7.745828
12.58056	18.56455
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237.6986	268.1505
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250.8466	186.913
95.06664	67.16786
120.2432	162.2481
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1.881421	1.671176
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3.936295	4.613419
69.31664	80.13753
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0.711695	0.620174
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26.61733	60.63192
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18.2539	15.83322
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43.04827	38.03086
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32.89535	29.66712
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29.33547	26.95329
10.93599	14.74556
23.38489	21.33176
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1.11745	1.40372
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48.02924	38.94885
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55.51929	60.07647
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80.41389	72.08985
4.833636	3.566659
13.88662	16.81444
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10.56404	8.684347
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0.203468	0.193422
249.4355	422.4532
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172.2297	171.1728
33.1744	31.75693
106.3627	124.9428
139.8227	108.4139
6.470342	8.120806
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23.98728	21.09186
139.562	126.5455
79.45487	55.57576
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1.16146	0.208374
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56.15579	47.02138
23.56874	15.36997
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134.07	186.7425
13.59612	10.04352
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41.13475	37.77176
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19.16652	14.32717
35.7604	43.22434
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0.520749	0.226892
24.41039	26.0974
32.90319	37.24527
7.387427	6.571121
0.015948	0.053063
117.0287	116.0523
5.485547	4.840675
23.58065	16.92885
4.257386	2.924477
3.965213	1.851647
20.29994	12.93303
0	0
0.038278	0
8.736336	12.71018
0.472593	0.131034
7.379326	5.81451
18.91132	17.81016
92.18909	94.56262
0.226429	0.284607
0.763227	0.920071
23.61698	28.16826
4.195488	6.598661
0.147067	0.163107
73.2337	86.0319
39.72762	34.29506
54.88343	70.88711
38.80706	32.99605

6.242431	12.20922
18.8822	23.45356
3.131253	2.089077
13.10417	15.16208
26.94152	25.99588
17.25084	20.4903
18.27057	12.48275
0.110503	0.087539
0.115532	0.051253
0.321028	0.27059
18.05714	19.6424
6.67247	3.816234
32.07577	40.19451
4.225948	3.478279
0.136555	0
0	0
11.18735	15.4606
15.9694	18.4456
2.586954	1.946882
1.981496	2.991178
7.691567	8.837819
5.64121	6.964019
2.46583	2.24551
1.270054	0.992924
5.639875	5.41205
46.72812	27.26764
1.010498	0.560352
18.75915	31.44186
8.621391	7.046364
2.648361	2.679114
20.54089	22.84546
25.41312	22.2076
3.119133	3.66806
20.69563	36.79898
0	0
0.040082	0.40008
1.79265	2.570057
58.30051	84.95554
4.675951	4.529633
7.389083	9.534996
6.306062	4.422554
4.314335	4.127103
6.213474	3.892289
0.121074	0.590826
81.97063	83.78886
4.694479	4.577892
0.816396	0.203722
11.04189	8.874861
1.552553	1.232323
33.75883	27.70604
4.451874	4.831219
21.70027	24.00325
5.928801	7.009311
38.87339	33.5323
14.65272	11.35774
5.849094	4.391978
9.177202	8.89623
1.991973	1.377659
0.131077	0
2.237365	2.053042
91.12753	109.7041
23.03325	38.85341
1.613245	0.702895
57.3957	93.78641
0.090903	0.168029

29.34637	37.66639
0.023571	0.052284
8.125203	7.365041
15.37881	13.26752
48.70795	59.5519
0.13352	0
12.00583	12.33011
35.59598	45.94005
4.950034	4.189372
0	0
5.829755	7.848463
28.39274	32.83093
39.14293	54.32619
0.997675	0.547418
0.576247	0.540771
26.78139	32.76963
5.417153	2.887317
126.093	145.1661
33.67173	29.52972
75.51074	74.49516
73.58305	62.1032
1.310558	2.989639
208.437	274.8597
22.56481	32.68771
34.96619	13.64796
3.271133	5.011645
15.45556	16.40737
3.712604	9.87942
22.83901	25.06353
0.054702	0.030334
18.13037	18.07432
31.89853	20.69867
0	0.026332
17.51835	14.51162
0.459417	0.305713
14.58524	15.29199
29.57759	24.20512
18.86954	17.62708
3.62193	3.135805
9.506126	9.681195
1.359567	0.954967
16.54177	13.75529
30.43982	36.05489
58.21514	75.28952
9.319886	8.664269
7.788092	2.959692
67.53842	54.38419
26.57961	18.5744
23.74767	21.70879
6.750886	4.657357
0.028784	0.031923
35.43148	37.86557
26.13236	31.5808
63.23067	50.741
16.53501	11.08473
41.65879	42.95951
21.50363	18.87398
8.49082	5.12562
15.41079	12.83282
28.24131	31.00029
0.4407	0.057502
14.70014	15.12763
129.185	171.1147
0.090177	0
0.055767	0.16493

11.92535	11.02933
0.045039	0.199806
9.127303	5.885311
0.627057	0.274517
16.6822	8.350852
14.71875	14.52743
9.476522	8.447119
48.8244	66.02269
29.34039	38.92462
26.24466	25.33904
7.590857	4.630298
18.88921	23.20314
37.20881	23.16434
9.701673	15.46184
32.12116	41.95041
17.36836	19.32769
14.91056	20.78627
20.1419	14.60069
57.3957	60.66936
0.053278	0.059089
11.60878	11.35399
5.487182	4.091608
9.771954	11.51946
305.5791	320.9341
8.634334	6.101918
0.330569	0.166646
32.21991	21.50765
20.60294	11.52308
20.12882	37.87842
60.58031	58.30517
7.434251	6.347644
0.136155	0.10067
8.379559	5.633848
52.75684	46.2563
0.601811	0.222482
0.207033	0.034017
1.539936	0.529576
52.48582	29.47861
0.597229	0.386378
11.61661	11.91688
65.21427	53.41434
0.580553	0.286164
12.48993	10.9399
0.359299	0.398485
3.828165	5.60593
6.847356	8.546305
6.365903	5.602405
5.66459	6.172158
4.610469	2.892879
50.92362	50.27143
8.176802	5.648167
0.116924	0.648382
0.064607	0.035826
1.513755	1.780595
10.55704	9.160843
0.490805	0.233286
35.90567	44.97211
1.301659	0.435575
0.042007	0
0	0.021246
23.80816	25.11273
7.545407	12.17817
2.090899	0.970166
0.0486	0.053901
5.883426	1.618007

1.330509	2.065862
5.437133	11.65822
0.700123	0.248473
22.89762	20.1007
0.417291	0.561972
7.863024	10.90853
9.227048	10.86472
12.35508	13.71693
0.155867	0.115244
7.548496	9.342051
1.160164	0.70366
92.32837	165.1448
24.38086	23.37221
60.97545	59.97459
70.15842	85.13417
10.00732	10.05211
13.44825	14.16139
5.461101	3.557572
0.605135	0.134226
16.39232	15.32694
45.61637	47.12505
8.478049	12.79759
1.935734	0.993911
57.97542	61.36992
0	0
0	0
0.048242	0.107006
12.53592	11.07646
1.832072	0.338647
0	0.183377
7.885812	10.50117
43.64298	46.71915
176.0003	158.4377
4.449676	7.479551
37.21635	44.87543
0.185472	0.034283
9.336374	11.07943
35.80825	40.46083
3.313404	1.924878
4.554351	3.904327
19.32606	21.26501
6.288287	2.913229
9.234891	7.383285
40.7525	43.80851
0.949997	0.832687
21.15665	10.16215
0.063974	0.230591
19.2604	20.93962
2.582063	2.993832
20.58192	25.57308
15.44201	13.46851
2.165265	2.069724
3.24937	2.763611
4.701739	6.611817
0.414125	0.10599
61.27859	58.04478
2.608062	2.642787
2.331687	1.673283
4.752685	4.625098
13.43064	15.41321
24.3963	37.69687
1.43243	3.888888
22.47313	15.67794
6.507778	4.987068
3.086832	5.148395

0.141214	0.278426
6.926673	6.311902
12.09838	8.607267
7.31543	14.01001
5.196971	5.968387
13.49481	20.1944
0.028717	0.063699
2.028776	1.532837
0.249422	0.127673
31.16392	33.31558
0.67027	0.853499
0.190421	0.411818
14.32042	13.31148
9.478645	8.871054
146.0715	163.9479
7.458122	11.98679
11.63349	11.20823
11.43775	9.954332
0.403686	0.179085
3.067443	4.373975
0	0.01854
1.02341	1.639479
8.815087	9.082982
17.75324	16.12449
0.044179	0
4.911272	4.340043
7.851103	7.318679
4.796547	4.549712
12.6218	11.49393
6.812041	7.962696
0.083115	0
4.671425	3.123235
0.019306	0
5.897206	5.378164
10.64053	20.32141
7.899848	9.865291
0.094429	0.139636
6.117185	6.633985
7.201972	7.512337
0.552338	0.136128
1.498477	0.969443
3.394927	2.616482
0	0
0	0.040481
28.47748	42.13861
12.61359	11.26911
14.6271	4.464865
0.939129	0.380249
13.95024	16.69797
1.505707	1.330718
0.095665	0.247564
0.496284	0.474491
40.10773	36.43622
2.322836	1.520869
0	0
6.319763	9.387815
10.24512	9.487262
113.1627	147.9703
4.124343	3.311748
7.751971	12.04163
40.08691	39.15463
0.022095	0.073514
12.59477	5.443072
49.48041	50.48265
13.25389	7.831634

0	0
129.1158	128.5859
0.082948	0.091995
11.19927	14.51346
89.26046	101.0944
0.040238	0.044626
25.49159	18.55874
4.051059	4.088234
0.848783	1.506163
9.483286	18.03511
3.754926	2.625409
6.509617	5.390233
65.62572	51.78533
44.70609	36.75046
7.288511	8.784051
0	0.024306
28.25683	34.60013
15.13779	14.35558
2.11296	4.639462
0.965081	1.215275
2.70649	1.988601
26.15637	18.10446
17.75406	22.08876
7.378697	5.118716
0.012497	0
74.28303	70.21076
45.97646	71.91567
1.468365	0.99093
0.02904	0.128827
0.012809	0.071032
0.506031	0.790288
3.445042	4.031853
0.127979	0.066237
0.026522	0.029414
17.73173	41.22315
15.7337	22.20388
6.225334	5.741255
37.30823	32.87354
0.203051	0.138582
0.054654	0.101024
0.079558	0.141175
0	0
3.382896	3.573179
0.024046	0
4.256991	5.52092
0	0
0.715752	0.936292
2.128114	1.273763
0.383468	1.797812
46.66876	39.74596
4.056294	1.742731
4.430812	5.689941
3.199428	3.2206
11.76561	12.4007
0.1177	0.048951
0	0.0424
10.32135	9.321132
13.0332	13.51506
17.04628	21.51484
19.2211	13.84978
19.29277	18.42379
11.50763	10.00212
0.064674	0.215182
4.378311	4.653488
2.092028	0.90316

1.463576	0.993979
4.680827	9.797707
4.475298	2.376829
0.54921	0.464082
22.02668	17.77169
1.634669	1.812948
0.154062	0.085432
28.48749	24.59602
6.005443	5.629626
0.396933	0.256796
0.071529	0
2.448255	2.715264
21.55022	22.26422
1.111075	0.4929
6.574194	4.434562
8.111298	8.737843
9.340505	7.556114
14.68578	12.51966
52.86563	56.21219
10.66626	10.59535
0.123335	0.246215
2.864407	1.874119
6.020133	4.753471
9.776981	7.926535
5.482004	5.683978
4.05236	2.460391
2.169153	1.270948
12.20664	11.47036
0.042395	0.023509
11.60791	9.756721
1.009543	0.447858
30.16865	38.59832
19.39293	13.52084
28.97589	40.30394
9.014958	7.525479
8.293079	6.66028
75.70217	43.30772
20.74354	24.68833
16.81104	24.38001
3.109055	1.227744
76.83905	59.90465
8.446535	5.935582
45.98891	58.42634
10.35903	14.07501
8.243675	10.44452
25.32333	27.43641
15.16862	28.76704
3.222949	3.917593
21.27117	20.70877
0.603781	0.328498
2.792425	2.84987
3.001982	2.194116
2.964097	2.735793
23.68566	22.94666
1.767325	1.306714
18.41603	15.35564
9.286021	8.942175
5.503629	5.938891
18.40083	13.32633
26.42673	24.92009
19.21639	16.52778
3.955636	3.021843
28.80213	15.08593
1.473962	0.900761
17.16696	13.54073

20.40552	19.37888
2.909732	5.0292
0	0.06594
0.932409	0.554362
28.74867	26.50974
62.6127	62.57792
3.386065	1.832612
19.21305	20.82746
4.181362	3.044748
0	0.291772
251.2167	206.3894
30.88338	22.00244
1.782876	2.198778
4.733247	2.460684
0	0.214511
8.775668	6.602835
4.849735	3.19298
14.85087	15.77026
14.54058	6.20005
16.46076	12.4157
94.8888	106.1025
13.7058	5.487942
4.624605	3.922152
27.91062	21.25572
4.638675	2.286477
7.937818	10.5418
46.97074	45.6373
0.016735	0.01856
7.704212	6.808137
9.87239	6.900135
45.37421	34.69033
10.51447	10.27924
40.34555	37.65149
4.560364	3.412439
1.550355	1.249279
24.71325	31.73403
0	0.039235
18.55867	19.50488
170.1318	143.8631
21.25694	20.42803
0.091371	0
3.03215	2.973939
3.185877	2.297631
19.92448	22.57854
25.56846	28.15149
29.50097	34.96153
32.06581	26.17737
7.947267	5.990295
0.20385	0.032297
5.441778	3.775548
90.59968	73.64852
4.808266	3.675776
11.79487	8.296891
0.878838	1.462028
26.6251	13.88392
21.03447	19.20917
59.28994	45.38843
32.88809	28.85689
22.50029	18.67433
24.1647	25.67752
0.092254	0.409261
1.072986	0.608526
0.606095	0.980287
2.271335	3.06505
22.29008	18.39789

0	0.058174
18.46958	23.45381
13.06341	14.77587
0	0
13.19975	15.51186
0.29509	0.098182
5.52429	3.948366
3.352795	2.536176
34.55504	25.53251
3.556143	3.366256
5.859545	7.475064
10.17525	6.612599
7.325122	3.918331
3.174142	1.916822
0.507868	0.498266
6.487259	4.454406
26.37118	25.16884
7.767948	5.879667
0.601411	0.196177
5.758643	3.381187
72.68228	64.61033
5.018403	5.063394
0.329127	0.159112
20.25694	14.74781
2.573187	2.631733
24.36604	21.97803
6.010985	10.5646
11.78226	10.96727
1.520495	2.761657
0.053681	0.011907
0.07795	0.108064
6.718357	5.267134
0	0
5.502706	4.727137
15.29528	15.66203
21.04706	23.22988
16.51853	7.257504
1.070464	0.735554
8.459573	16.68406
10.04687	8.318433
31.24887	40.12481
6.285359	5.349925
5.425775	1.655826
18.8572	23.4595
15.32079	17.66022
0	0.019242
6.2902	8.408982
10.69194	12.67495
0.885883	0.882583
2.11845	2.747096
2.999847	4.619976
4.838824	4.03841
2.766838	4.126727
7.032305	8.157467
7.444033	8.154586
0	0
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6.504513	5.322635
5.873388	9.184413
5.838666	5.276281
0.258337	0.716277
4.086828	8.321352
0.249631	0.369142
0.669658	0.318296
11.77752	12.39914

2.383528	4.1887
8.736493	8.149345
33.54739	37.94255
219.7402	226.4962
2.100019	2.737654
3.210256	3.983529
0.352381	0.300625
7.422622	5.355021
0.627684	2.247536
5.218815	5.583517
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2.1887	1.613963
3.692019	7.17507
24.29908	17.12506
113.0044	194.2907
5.927095	8.538006
46.34284	44.76692
0	0.017913
2.119964	1.832529
2.605044	2.247119
0.98693	0.961891
5.250713	2.942655
17.64834	15.70848
1.435643	0.792661
0.435188	0.250263
13.5004	16.07981
0.211956	0.379732
1.294976	1.675575
22.7678	22.74318
3.873705	2.048639
28.61031	37.53079
6.375614	12.00775
49.66283	61.6723
0.031612	0
47.61882	87.904
2.352337	2.670512
12.02324	11.36994
3.589764	5.581983
45.80597	58.02719
6.722202	6.450843
14.85154	14.67006
6.610849	8.309411
11.69601	14.05902
42.74704	35.22512
2.768059	1.699888
1.836211	6.406395
38.22398	36.04239
13.51202	13.22152
28.40243	31.99677
14.66619	15.7796
29.36316	21.28312
41.8273	26.12659
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94.5478	152.6139
6.120985	5.045814
20.70356	16.49534
13.86206	11.38734
16.30939	12.44492
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62.7152	57.11509
2.067648	0.89178
23.90362	21.11598
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32.95753	23.86366
151.9463	147.0635
15.02148	17.06607
0.483166	0.669826
0	0
12.96721	5.531316
0.694214	1.071201
0.127809	0
214.673	163.7331
39.29291	49.17358
5.954278	3.842128
29.70933	29.99022
2.232073	0.781739
12.55737	11.22725
22.69495	13.15008
103.5997	97.45275
0.149878	0.041556
10.1258	7.650904
7.905226	4.703907
4.43148	1.791847
29.72038	25.56688
33.50655	23.96515
61.7393	64.15998
1.3992	0.39374
84.50831	70.98825
4.17833	2.231196
3.053453	1.367611
101.5141	82.93565
2.720237	6.5087
3.200879	1.634113
1.324413	0.356086
101.8023	99.56185
40.44435	48.24608
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0	0
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6.121763	5.394605
0	0.023037
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16.99659	17.58546
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1.155794	1.150375
11.8876	10.17467
28.23632	21.06033
63.20574	53.56801
3.660127	1.33251
82.71146	99.29757
0	0
29.97426	23.65387
0	0
30.1979	20.31806
95.72617	109.0845
49.12308	57.54153
17.14619	10.86638
9.462626	5.55598
27.4099	25.18221
41.32008	25.39995
17.77544	12.9442
41.34859	68.85814
53.93612	42.5561
1.195721	1.165384
2.598315	3.877828
84.19707	42.32439
0.261725	0.064504
14.48135	21.14131

14.4824	17.23343
15.5948	14.49133
1.086689	1.379151
3.6617	3.306341
6.353254	4.852136
1.696784	0.555997
6.896505	8.035144
26.13545	20.15525
32.68117	23.9648
13.50027	15.56914
12.47319	8.727189
443.2624	430.1832
75.58403	82.46403
244.0458	233.3799
5.698136	5.915126
0.10251	0.037897
112.2997	102.0133
33.30434	35.62434
134.0279	123.9131
6.296707	1.964872
29.2058	26.02615
15.25883	8.659996
0.209399	0.174177
28.48896	38.17449
1.686489	0.668007
70.26398	61.65912
34.68863	24.25642
7.753045	5.339453
0.077031	0.683455
7.553597	4.106969
4.347126	2.91011
141.7528	138.9587
32.82884	16.54586
22.07328	9.640139
8.63493	3.891382
17.29219	16.20416
30.07936	25.82591
154.3352	143.2172
13.77061	9.723636
38.47495	14.42349
7.46657	6.763963
1.778118	1.268638
38.42581	41.10091
0	0
36.88488	26.65191
14.09759	7.174799
38.21026	30.30608
0.296122	0.273681
479.7192	445.6076
147.703	107.1949
0.36825	0
1.427998	0.25248
2.185542	0.930777
0.013132	0.043692
0	0.015429
13.45497	13.70614
8.555336	6.890566
0	0.034654
114.2121	132.0637
15.94381	15.22722
123.4932	91.50332
20.01806	12.94923
10.86167	9.379764
68.31247	51.03934
13.29585	9.611174

26.61028	19.86751
111.6707	93.1356
11.4778	14.5206
18.48899	33.05092
16.9206	3.799163
0.124174	0.137716
8.619532	4.901108
0.94627	0.406938
2.300388	1.517679
27.54708	29.4267
1.92466	2.042558
0.099498	0.082762
0	0
0.529651	0.097903
5.463297	3.222941
1.682688	0.945065
5.402981	3.994823
0.865507	0.548514
5.282053	3.98958
3.223618	7.00737
5.330313	1.457095
0.03802	0
0.189289	0.209933
15.01214	8.156665
16.17314	18.23595
9.550282	3.946856
177.5938	161.6624
27.49181	38.12606
3.61083	4.192767
46.54207	20.21171
27.7423	26.71949
0.011197	0
0.467992	0.519031
13.05254	7.783963
8.273113	2.507559
8.254093	7.814639
26.51688	27.36836
18.23963	16.68596
3.268934	1.090169
1041.596	897.5319
1.423693	0.500646
9.814261	6.064285
3.346198	1.39627
0.100256	0.095305
7.59833	1.577248
0.425751	0.2764
164.9459	117.4202
5.242002	5.146834
7.150507	3.539247
17.03009	12.07396
0.229357	0.152622
1.015321	0.394119
46.30208	39.99218
15.40626	29.96536
0.790412	0.219154
0.35153	0.111391
29.64599	39.41077
34.12515	34.44838
0.041697	0
0	0
0.127961	0.028383
18.94789	9.544692
0	0
61.11324	53.3638
94.85775	106.3414

17.86869	12.97692
367.5166	251.7941
21.55759	26.1235
10.64121	2.826593
1.242159	2.194868
3.947721	1.174171
1.076651	0.597036
41.60604	35.78173
17.1426	14.10771
26.061	34.80037
9.887656	11.42532
33.50523	20.22572
12.51532	9.198902
4.307687	7.737453
2.714826	3.992725
17.07532	9.990437
7.282919	12.1158
9.746788	8.085647
0.121175	0.218384
0.222821	0.266892
1.962114	2.093814
0.177233	0.061426
6.892008	5.888402
28.43137	27.15885
8.290534	18.2532
1.600439	2.761087
5.713517	6.183023
17.01902	16.68104
7.024544	10.6379
0	0
0	0
6.456478	10.56676
0.389923	0.605428
9.502871	7.253349
3.540042	2.687883
3.871562	4.945736
3.924411	3.196771
0.883955	0.825055
9.541663	9.556302
0	0.44872
17.53979	18.36585
1.721221	2.454349
13.3483	19.49701
9.519559	14.42299
1.158005	1.185506
0.495111	0.680894
12.03261	11.81256
1.906366	2.450638
44.04442	43.79186
0.97216	0.524522
0.009367	0
44.26384	46.30366
0.545447	0.792672
3.650819	10.38984
3.499698	3.103027
0.851634	0.457023
8.027932	10.36167
0.134387	0.298087
0	0
0	0.082072
56.0895	56.85621
0	0.066658
0	0.084411
6.451603	6.720693
0	0.166224

0	0
20.62999	16.84198
2.277003	1.740569
2.030732	1.239586
6.106543	5.688923
37.96305	50.19811
0.014188	0.110148
0	0.02579
0.045787	0.253902
20.99722	17.30104
17.44448	25.42271
14.36443	14.59307
1.371892	0.994834
28.67747	25.49222
10.73205	10.75633
7.485596	3.077459
3.442317	3.901036
11.17564	11.08503
3.141389	1.347582
3.878747	1.94177
76.1354	93.9545
0.343564	0.3266
7.482555	4.360286
0.069507	0.057815
0.577373	0.768411
1.075849	0.654326
7.178359	9.823236
91.09752	98.89282
170.9843	116.278
21.33949	9.971678
97.61736	116.1068
24.96558	27.7488
0.589503	0.394744
0.261812	0.331846
8.148162	4.306375
162.8351	189.0887
18.20445	16.82487
77.1814	61.67225
19.38934	24.82262
34.85699	27.62406
12.38938	13.64742
0	0
23.71972	29.56684
1.665697	0.747741
0	0
22.41592	16.30394
0	0
24.18543	18.20574
0.872926	0.544572
0	0.151804
12.66944	16.96931
7.467288	6.09104
42.13116	36.28138
1.553467	2.569976
16.24575	20.8318
0.214093	0.604397
48.77576	35.64173
0.320336	0.064595
10.7812	9.339328
24.13309	20.37446
18.56459	18.44171
15.40407	17.03186
2.796969	1.712567
0.029907	0
5.170635	3.426211

0.061533	0
14.50533	17.60102
8.007237	6.245636
3.542582	2.858383
12.31165	20.7085
2.64904	3.378639
1.661606	0.326952
0	0.023286
37.62994	47.23696
0.024835	0.027543
4.061089	4.503995
0	0.012087
0.775431	0.278919
21.6251	21.68061
158.9815	113.9322
0	0.038728
1.642196	1.261741
71.33387	80.14777
0	0
0.303922	0.674136
7.223803	5.209662
1.066183	1.312046
16.46415	24.05249
23.90624	24.33429
17.57075	16.93233
5.782925	4.697639
15.89976	17.38957
2.607475	3.148902
69.44755	60.26331
6.04901	5.521152
27.38456	18.07083
97.24452	99.64966
0.313967	0.87052
3.298863	1.286832
14.55505	24.30082
54.11876	71.20789
15.30455	8.302648
0	0.030307
48.79451	17.79939
222.1362	231.2492
17.5919	12.95937
0.182922	0.304308
2.018408	2.923048
0.02431	0.188726
1.492311	2.281557
0.529404	0.280021
1.066659	1.536526
35.39119	34.69013
3.755499	3.190987
16.26085	11.37281
0.882939	0.913586
0.483051	0.404533
4.153995	3.354786
17.83827	11.85313
9.84281	11.22273
103.93	124.6863
0.090936	0.100854
0.167181	0.046354
0.175955	0.083633
0.057258	0.063503
15.68511	7.02083
0.190397	0.095983
26.39638	25.25997
1.868171	1.278416
0.736037	0.576219

10.06178	6.689876
0	0
24.77051	15.40193
2.557355	0.945421
0.931577	0.668526
4.574077	5.525167
0.738502	0.468025
0.232535	0
16.78744	12.63384
14.06731	18.03427
3.986979	3.547607
9.58979	7.943463
0.401554	0.586374
7.621677	6.078815
9.627139	7.329184
22.30451	17.46632
7.488381	4.408513
0.102835	0.042769
0.652334	0.383018
44.23989	45.80256
0.043554	0.072457
15.11504	16.80108
5.573488	4.05221
7.799052	7.463644
0.077512	0.05731
2.808085	3.010029
237.9102	239.3437
1.470724	1.321416
0.046563	0.010328
9.525879	19.27672
25.4461	27.89107
31.11442	15.90003
0.142532	0.137
4.384051	7.063804
1.960638	1.530181
2.134433	0.34812
7.629514	3.943678
3.190235	2.400014
43.05706	32.07184
27.33818	33.0066
13.90746	12.07666
33.47142	38.46823
40.44561	29.46507
204.1342	161.3803
12.65878	18.67453
0.030797	0.068312
0.423595	1.789685
5.425921	3.305256
13.44685	12.01252
18.87387	11.67087
6.308598	3.941535
6.408226	7.979543
2.222876	2.249449
18.15848	30.43249
8.854242	7.180648
110.1498	112.3349
0.040806	0.113142
0.036372	0.017288
1.388091	2.518384
0.087119	0
0.075777	0.084042
22.38357	20.37528
8.998099	8.910214
12.86809	17.21453
5.068317	4.398489

22.95584	21.49843
5.114478	4.929281
24.28953	19.84868
35.03221	27.57949
0.892672	0.477944
0.026482	0.014685
4.173333	1.972795
14.82404	13.3457
10.40988	11.42719
2.673365	1.78794
41.48885	36.31049
11.44044	9.580262
0.424284	1.215605
5.601656	6.880863
0.015879	0
21.68641	27.52157
47.9954	29.25361
1.765314	1.757607
9.996216	8.710752
25.55257	17.54444
9.647586	23.93065
159.7835	139.051
16.8402	15.57892
0.357078	0.148508
13.61393	12.22735
6.176636	9.127282
0.502269	0.152739
11.77601	6.442696
51.03532	33.99545
5.772926	2.740006
1.705011	2.371536
5.815693	4.481579
22.54573	12.31126
13.82644	12.40423
21.7357	29.60489
5.094889	6.498124
22.78467	36.63795
5.89862	6.449299
1.813386	0.367116
4.244517	2.227622
9.069678	8.70437
12.48748	7.677901
4.251428	2.379787
0.104056	1.154047
1.504277	0.723994
49.35277	54.59185
1.169679	0.975301
6.506671	7.703235
11.85372	14.34021
17.85338	40.23699
4.235702	4.33092
13.32563	20.75665
13.79352	18.37876
6.600227	8.839896
23.84701	18.1709
576.9958	426.1834
181.4992	155.3964
24.07451	19.30875
1.24485	0.460205
43.85772	51.97374
1.079981	2.182593
22.94302	22.29934
0	0.060138
0.953915	0.796727
0.025677	0

0	0.087941
17.64755	17.09078
31.85084	23.48267
4.773668	5.019051
31.26094	34.60596
10.15717	7.749406
6.909466	7.102309
9.208981	11.50362
149.0728	163.1038
5.989785	10.27136
590.6116	627.5444
4.291486	2.506492
1.431738	0.672516
33.58432	48.49145
0	0
120.1751	119.5003
44.24219	43.37929
6.596836	5.856729
0.260104	0.317319
1.481176	0.407591
5.570239	10.61093
0.022864	0
4.932275	6.564233
1.156246	0.563455
7.645225	6.886993
20.36099	17.79868
0.168657	0.116907
10.37004	14.21909
3.415783	4.233995
52.63075	89.51894
4.736874	7.723869
1.735428	1.43634
3.118783	4.099461
2.628325	1.576245
0.73913	0
13.63706	10.28255
111.6897	111.2761
11.51369	10.22664
11.03254	9.061628
27.81599	16.08904
6.580492	4.264097
1.741604	1.023431
3.624949	5.29678
0	0.160415
12.57249	10.63883
609.6153	740.4783
63.481	65.76581
46.76489	45.37802
4.693854	2.563447
0.606959	0.056096
10.24247	5.733685
20.14204	26.96708
201.1849	265.5957
0.047445	0.042096
33.93732	31.68641
11.14973	8.194954
9.46879	10.28482
18.93417	24.33676
0.638136	1.415464
10.05338	10.09283
33.05834	45.19601
5.80921	4.295178
0.144792	0.256933
73.56244	57.88039
19.36636	17.30526

10.23309	6.717867
15.21391	18.16022
90.56519	162.5656
16.7506	19.03873
9.741872	5.153073
41.27005	55.1302
22.27899	19.44061
0.937705	1.319964
0	0
1.49607	1.451828
0	0.116314
2.970886	2.934515
0.071344	0
1.874232	0.789356
18.41239	15.81367
12.30519	14.11378
10.25019	8.93207
1.235236	0.360514
0.598188	0.234964
10.34781	15.07104
4.354084	1.996834
0.264951	0.816242
6.25838	2.38315
0.3361	0.271095
9.153261	3.957935
7.263621	7.769188
0.303497	0.096171
16.88885	22.20047
184.4666	140.5623
45.85042	45.90542
32.34377	28.13006
0.974222	1.168077
41.75652	27.9518
0.032586	0.012047
22.26838	25.73377
0.220557	0
14.41755	11.93395
6.364643	5.562877
9.063779	9.097316
0.049197	0
41.93732	55.83747
0.067157	0.111722
0.065234	0.180872
32.8086	34.21874
10.69467	7.821874
1.320277	1.070042
372.8302	388.6078
0.304347	1.687699
12.87139	7.628525
0.163387	0.120804
9.764336	8.769045
7.952611	7.991663
6.56551	6.585054
22.13893	21.97145
0.010307	0
75.07815	70.50178
0.689054	0.342181
26.04347	18.7261
5.953537	7.966937
0.491148	0.096126
8.182391	5.619523
4.933503	6.723522
29.32419	55.69882
24.56435	17.72084
1.40097	2.00852

0	0
14.30266	10.27365
28.06753	18.55209
23.3183	35.22139
92.87998	117.0906
7.745701	9.621667
12.94514	13.20655
0.015557	0.017253
0	0.03182
5.421144	3.530906
41.38046	48.12163
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4.374303	5.377764
14.55488	14.99751
0	0.156614
5.979893	7.958478
51.66298	41.51741
14.32774	9.95378
3.423153	5.230351
3.252532	2.309318
0	0
6.777825	4.847598
68.11649	69.78691
0.408168	0.536513
8.201907	7.620392
31.71025	30.2932
0.127401	0.141296
0.257428	0.493142
26.8422	18.63775
0.070306	0.101365
2.396036	1.734179
3.18953	3.273728
8.847574	9.98315
138.1888	131.8973
21.25053	14.7136
0	0
11.99228	15.98005
33.07243	52.71248
23.23923	28.40238
8.368555	7.068969
4.640727	7.370044
18.19216	25.38814
76.02978	101.468
5.32987	3.339123
1.299125	0.989773
0.651261	0.388924
8.757616	14.04767
0.028546	0.031659
5.975411	4.067569
3.687053	2.602197
0.82307	0.669412
0	0
29.88402	25.52444
15.45122	14.13911
3.537202	3.12508
0.066498	0.049167
56.85822	56.46811
0.079446	0.110138
0.529592	0.58735
7.648061	5.925625
0.086714	0.128227
8.333058	4.102892
0.444852	0.200014
7.033693	6.598416
3.891037	2.634946

6.707196	5.227187
5.365533	3.67611
11.52224	13.72435
28.34066	30.72495
0.530657	0.348759
5.155721	2.480829
0.554843	0.184606
0.04499	0.099794
19.49983	17.84481
38.4888	44.69877
15.10222	14.3985
0.154271	0.062217
6.522131	4.810589
18.00402	24.73166
27.7435	31.91376
15.72117	16.34275
0.217379	0.296722
20.80517	39.33549
0	0.027889
0.832092	0.520577
8.405919	7.344123
436.0198	594.7856
0.067817	0.037607
6.522802	4.472327
11.67604	7.142747
0.522673	0.703012
3.754458	3.024323
0.82822	0.623299
7.93418	5.43103
11.49036	8.326478
17.68064	16.38615
21.03357	18.3423
17.32533	12.64134
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7.826924	7.787361
10.3815	11.1716
21.53161	20.55568
22.78985	27.44102
1.875453	0.499198
0.051396	0.028501
0	0
9.658661	6.126169
28.44462	23.11064
86.23259	111.8485
27.64883	32.192
75.26991	107.8362
23.13142	29.16412
3.136288	6.44136
0.26308	0.375135
3.751346	2.290597
7.597276	10.5323
0.046647	0.258671
2.641103	2.557189
0	0
13.2739	17.92948
3.747508	2.025497
0.225302	0.071393
0	0.046842
4.473747	4.235562
4.375322	5.07737
0.343996	0.342383
103.0868	167.8373
0.036132	0.013358
2.603484	1.567458
5.944976	6.390468

4.598275	6.307013
0.099445	0
33.77975	32.22889
0.194427	0.431262
11.32348	8.708617
30.47998	31.0687
2.69032	2.67699
0.494441	0.395059
2.279033	2.759901
11.36068	15.07561
0.047775	0.08831
6.689017	12.35106
3.633825	2.255672
0.250584	0.106889
1.196456	1.22487
474.5311	440.7641
11.91613	11.85168
10.96989	7.281418
0.27327	0.151536
6.436881	12.97582
13.42039	12.20514
3.463671	1.567927
33.10115	35.34323
10.23287	12.63054
0	0
0.087078	0.362157
0.101394	0.074968
0.083478	0.154304
27.95222	43.63064
24.37921	18.4165
434.6881	468.3594
30.35698	14.83185
18.61805	20.57943
31.83166	31.26859
10.69184	7.099307
17.15365	16.11226
1.340838	0.770573
5.054349	5.795353
6.620935	7.989576
5.982539	2.525925
0.3653	0.311646
0.366294	0.722209
11.81691	8.729999
2.32787	1.893283
7.273922	3.880678
0	0.08217
6.075961	6.62412
0	0.08101
24.38983	21.44247
0.073679	0.027238
37.12132	36.28675
2.439563	1.318992
0	0
7.439419	7.219423
2.537611	1.500995
14.09853	16.02189
13.26592	13.78488
79.0563	94.28764
5.243161	12.95384
9.40542	9.198547
17.51254	12.27589
0.066976	0.02476
2.087455	3.108869
481.7026	505.8706
149.9797	155.1425

0.153095	0.52481
6.492031	4.189927
22.68257	28.90907
0.293324	0.352424
0.04238	0.141006
0	0.08931
1.46278	1.351927
138.4466	114.3348
5.248236	3.469429
1.239259	1.676785
5.086554	6.975388
12.82197	8.05314
35.79349	49.33463
18.69009	16.46779
6.969087	5.567602
0.260796	0.134978
6.578029	5.650972
5.857692	9.976825
3.155016	0.784648
5.233075	13.6783
29.22997	36.22235
1.557163	2.169806
0.505199	0.501933
2.708582	2.303572
46.25416	56.00211
22.37296	19.14634
21.15765	27.39858
0	0.092676
15.02864	22.12087
4.318141	2.957962
11.05987	10.63569
1.684093	0.601834
2.958773	3.071446
0.023353	0.008633
13.85122	8.800255
8.914446	5.741235
7.152726	4.75292
15.26021	13.00047
19.83883	10.15897
0	0
7.353619	8.350612
0.129889	0.144055
30.78949	46.24858
3.046881	2.549204
0.107603	0.059669
53.38376	65.36203
0.055443	0.020497
0	0
0.012105	0
0	0.245047
4.066471	1.966344
0.346026	0.65788
10.87313	12.18307
19.27526	30.8013
12.38596	16.9719
36.06982	47.52458
0	0
0.05146	0
22.05514	18.92923
0.130079	0.115413
1.38097	6.503968
14.92424	19.51263
9.804173	6.222245
0.087631	0
56.81752	57.06114

0.425996	0.250124
15.5231	18.09737
3.342572	2.416794
2.297938	2.949715
20.00445	27.38869
15.19189	16.96463
32.74601	32.77685
29.88917	34.11683
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80.50527	92.61904
965.211	1016.787
23.07311	31.48254
74.86282	69.83136
1.509614	0.249357
2.967388	3.917239
16.31715	15.86295
11.22577	10.63695
1.103671	0.816025
13.34538	14.35233
4.504231	3.473038
68.56687	64.29068
343.4324	396.5104
6.708564	8.044118
9.296432	8.146985
39.57572	24.1381
33.33573	35.67214
46.05833	39.34751
12.27838	8.050578
15.51102	20.6432
2.877344	2.732542
111.6145	113.2341
28.99586	24.64944
8.38856	10.83977
0	0
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57.11854	45.93111
0.122008	0.253715
0.213174	0.20687
0	0.107507
16.47346	15.8175
0.022024	0.073279
22.83195	28.17455
116.3859	95.26218
15.13722	9.606024
0	0.121873
2.879883	3.193965
190.0136	196.6336
7.350935	7.186266
5.481355	6.710453
0.214388	0.047554
0.38662	1.251112
0.710033	0.16658
25.39119	31.246
0.130755	0.072508
19.07111	21.65269
5.677993	6.683803
0.175821	0.414368
0.483106	0.380241
80.12742	68.97514
16.45302	31.94252
17.59014	17.3629
3.035472	2.319789
2.655114	2.595787
0.614962	0.376911

0.225536	0.142933
8.411432	10.52404
1.243046	1.832105
1.979104	1.413413
6.413124	6.087593
3.727194	2.801568
0.036716	0.203602
9.344241	14.59825
29.14047	29.41927
6.535462	4.841372
5.681766	3.577046
1.304488	0.798211
1.849783	1.598425
5.153107	5.04537
12.43808	8.398134
0.177956	0.175435
14.51878	16.10221
3.833983	5.90052
10.70974	7.407632
0.023935	0
11.93605	8.519644
3.675819	2.388696
0.067985	0.169648
13.26839	11.33553
10.65167	8.541399
5.330166	4.948697
236.4078	350.7273
24.63559	22.07238
71.50099	68.53787
134.0873	187.7357
6.86914	5.991917
1.64821	1.209048
0.676618	0.224482
3.300266	3.052007
4.35793	6.086824
2.99002	3.706245
19.89424	24.00854
0.479899	0.266118
3.596122	3.715612
0	0.034847
1.062828	0.596927
0.941754	0.713292
4.231495	4.277677
0.018803	0.020853
2.980537	3.75603
6.084869	8.474848
5.614018	6.456892
0.648089	0.287508
3.107169	2.036296
2.29281	1.706397
3.507959	2.033691
28.26924	40.03963
0	0.085168
13.63713	18.41926
21.59862	19.56935
0.007365	0.081682
10.7848	9.306753
0.122098	0
0.769534	0.519497
1.695294	1.373981
3.870812	3.229571
7.40415	7.869501
1.334628	1.736749
1.206719	0.9447
4.732232	2.601348

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0	0
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34.09222	41.34153
0.018915	0.146841
57.41315	67.93057
0.010894	0.012082
4.320326	1.869213
0	0.021438
46.52094	38.21528
9.517158	10.70892
1.564094	0.909647
6.011011	4.876892
5.771077	6.924491
10.94923	8.118445
39.00132	41.91812
6.255847	5.040432
7.278128	10.89979
2.720587	0.735926
1.793857	1.136855
2.996534	5.750821
1.093741	2.274422
74.9991	69.88715
0.015452	0
0.3521	0.227792
0.099685	0.479077
24.8614	15.27882
89.52586	97.34082
0	0.085063
17.51135	13.07599
0.202678	0.187318
1.183972	0.936732
96.50337	65.94149
0.885247	0.583768
1.497969	0.677652
26.24558	21.19818
27.87637	41.16556
4.769429	4.087408
12.75669	13.93084
2.566035	0.680539
0.60542	0.694601
2.40551	1.992984
29.92164	25.76525
38.43288	28.44517
68.26971	50.22916
34.51735	35.16683
1.950214	0.920925
20.93839	12.26725
69.75469	38.30956
13.2649	10.04781
17.54174	16.52967
112.1504	113.9851
21.52904	17.56677
16.90379	17.92198
10.43658	11.88567
0.13928	0.059412
4.439516	3.174933
10.01638	16.40399
8.283807	16.24867
97.06541	104.6034
0.098864	0.109647
4.507432	5.375049
0.256048	0.262938

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0.068655	0.152285
36.23965	37.55786
1.927058	1.562509
0.051869	0
5.242164	2.705069
0	0
0.014085	0.046864
3.460839	3.830318
15.83942	14.19444
8.82669	8.430477
4.444937	4.278985
9.233957	8.345584
18.65157	15.00392
4.017014	2.55247
0	0.113227
12.60713	9.238155
0.258695	0.105703
59.99725	126.9731
27.12817	26.0242
0.208171	0.346311
14.1351	19.80378
40.6736	33.77297
5.382204	4.503447
17.89066	17.88626
117.1257	160.6897
22.28688	25.16777
21.17016	25.66901
1.691386	0.721481
0.055717	0.082391
0.316397	0.485867
0	0
0.060494	0.380185
3.746049	2.876259
9.950433	8.708633
64.38516	71.66753
42.67683	55.57034
36.04696	76.0368
13.19525	14.13474
11.22102	17.82839
0	1.030099
1.800187	1.171869
4.91735	4.552604
0.102454	0.068176
0.083562	0.185352
0.750547	0.393079
1.968364	2.312538
6.903743	3.815358
0.111176	0.123301
0	0.04693
10.58193	8.613325
4.116478	3.147041
3.438264	4.045916
20.36861	26.63136
5.145003	2.970602
10.86496	11.04483
0	0
0.501375	0.308919
32.67285	47.26663
4.157333	4.408805
1.391196	3.861519
0.382685	0.458375
75.75206	75.77757
41.48576	52.38249
22.23658	23.16904

0.234401	1.462301
91.94219	97.94698
1.823469	3.633631
46.18297	42.56501
23.29166	32.05215
0	0
2.390172	2.219685
0.964382	0.941211
48.19865	78.78622
19.13	17.85211
0.662156	0.502181
0.346938	0.953575
5.982722	6.730674
12.26086	19.41337
0.026263	0
0.191364	0.282979
16.27543	13.59661
0	0
5.24214	7.05595
0.068604	0.076086
0.173185	0.230487
24.66808	26.75762
0.264924	0.157402
65.4157	79.18855
18.66495	21.36014
20.98053	31.69637
0.084818	0.075255
1.52533	2.78797
14.61023	14.59206
12.46897	18.15235
1.735405	1.474215
1.186563	2.714188
2.081993	2.297569
0	0
5.716843	5.706294
8.802058	7.33607
1.80651	1.159938
36.59828	55.22127
10.74547	8.769031
5.206886	9.336165
29.616	33.77807
152.3714	156.2008
9.608368	7.48394
23.27107	20.11152
9.863282	9.450861
31.60569	28.41745
1.433526	1.469423
0	0.117572
20.62342	26.47651
7.047951	6.171006
12.92075	11.66716
1.682625	1.902439
2.728212	2.291563
195.1129	261.9613
7.609784	5.982268
5.439932	2.041178
0.435415	0.590213
0.012548	0.041749
17.06794	25.19722
14.78983	18.80633
6.655221	6.887711
2.862737	2.544464
25.46755	26.23167
2.614533	4.025289
0.014533	0

2.674878	0.906462
0.092898	0.137373
0	0.042076
0.801121	1.251966
1.611196	1.282686
0.229272	0.101711
30.02033	32.45669
9.303654	8.570862
13.95531	15.92852
3.767378	4.690156
10.8902	10.78744
14.70103	11.22761
19.55275	18.80004
5.92353	9.114
7.135901	7.712515
0.268387	0
15.75435	18.61127
13.64091	13.02039
0.057506	0.021259
22.56071	22.55397
6.101567	7.836947
1.524168	1.249127
0.21839	0.370435
0.687943	1.444195
0	0
12.49547	18.42213
0.024638	0
2.753937	2.963111
4.293795	6.394244
1.639854	0.720056
8.405484	6.755213
9.114904	8.491546
16.09223	20.24726
11.80019	11.45367
6.633585	4.808529
15.99488	23.51561
0.025688	0
97.79563	89.78491
18.7912	21.61948
4.138713	4.089224
2.07203	1.559362
32.86089	32.00621
4.367821	4.025757
403.9158	429.3158
3.604522	5.2104
0.968732	1.38693
66.8424	58.7511
2.316812	1.482786
10.79046	8.890642
5.388746	7.051348
13.89056	8.874219
0.046577	0
1.509189	2.139899
2.170619	2.904735
16.18744	25.41378
24.14241	30.89597
7.16006	7.611215
2.869141	4.273571
1.40436	1.138692
6.941794	7.033315
0.030286	0.067179
27.67407	22.3375
12.80686	12.76373
2.576219	1.292536
32.03751	21.86073

0.087942	0.195066
1.894985	0.992908
5.711456	9.523885
47.2646	37.2185
1.591971	0.332648
0.895187	0.193999
0.59658	0.638013
84.17759	107.162
0.375942	0.479484
2.560179	2.171967
0.381732	0.682845
28.11364	26.52467
6.786779	5.090629
9.933902	10.43009
8.929387	10.55354
13.92868	9.620159
0.21876	0.121309
43.12245	60.95996
10.12936	7.547531
5.081351	3.141114
64.79166	72.33513
0	0
5.884901	4.86227
7.599512	3.722061
2.420353	2.619895
0.941461	0.659455
0.270755	0.170851
34.76932	46.3625
2.480319	1.750525
0.768613	0.852439
10.61807	11.57723
5.793518	5.253311
2.277857	2.710188
127.0442	183.3179
35.38075	42.80663
7.706647	9.67566
3.875203	3.045589
2.283898	3.848184
225.9556	316.6345
3.562121	4.396821
31.80325	27.20619
25.1746	22.49849
11.08652	11.20764
7.934755	9.62871
29.07243	23.08283
10.51162	9.291861
0.087693	0.129676
0	0
5.725212	4.715263
1.306914	0.489424
7.308946	7.584962
368.6428	509.8643
22.16596	20.6759
3.222551	2.824869
0.018969	0.105191
16.17327	18.72638
6.814768	4.647361
5.142683	6.555444
1.376442	0.733637
67.16672	64.83396
7.42681	12.57919
0.858172	1.020734
4.049145	1.979792
1.492002	1.896286
0.034705	0.028867

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16.41967	11.33409
0.109888	0.182809
5.668359	5.268948
3.101889	2.959103
2.737009	1.397932
16.9805	18.66121
26.33094	32.73866
10.16703	10.61824
53.8072	56.40786
0.013281	0.014729
13.30166	9.391635
0.370535	0.427384
11.78254	18.78461
43.9529	47.1968
0.422041	0.208031
84.92268	101.452
0.01271	0
23.88652	12.46958
4.827772	2.025949
0	0
1.124492	0.277797
0.397218	0.306462
518.5605	446.0382
11.5322	10.95785
7.365209	8.337235
38.98928	30.44505
7.265323	6.94569
16.15619	10.0261
2.944969	5.379542
3.675168	4.249432
0.086774	0.064159
0.058134	0.064474
53.37762	53.13648
26.37319	38.9993
79.24827	73.30013
6.059176	5.469087
1.241029	1.828614
1.409409	1.428368
5.216711	3.489192
9.253334	10.04181
0.026785	0.059412
6.138444	11.41904
0.073244	0.054155
1.299891	0.644952
10.45787	9.876462
9.70067	7.561289
12.18042	17.91561
13.75602	12.34164
1.515995	1.222786
6.471954	6.893924
38.98117	48.99131
15.65857	13.14855
12.85663	16.96525
4.426016	3.695712
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5.830069	4.23628
8.947143	8.464605
189.1864	136.5619
2.386452	1.330592
1.29868	2.127234
7.615306	9.85853
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135.0143	124.1906

7.939105	8.548496
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3.99087	4.172816
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6.637266	11.06273
6.793786	7.288691
0.12085	0.100523
75.66123	85.70742
1.246367	0.414689
13.28401	17.83952
18.57498	24.87545
6.308376	6.460849
26.9261	26.02113
4.418035	4.064844
1.284556	2.469395
3.406849	3.865263
5.474018	9.65429
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0	0
3.230909	4.570792
2.143727	1.675074
15.21473	17.43875
14.41646	18.5943
0.164687	0.205479
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0	0.040096
77.11168	80.24804
18.60525	20.60549
24.80355	18.4855
46.46771	51.69951
0.691006	0.562003
0.469086	0.334443
24.24461	21.15338
6.502606	9.173392
5.778846	3.730236
30.23606	76.12549
5.290215	5.389203
7.73059	11.01152
37.5808	34.2612
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6.749896	5.934883
35.87521	54.16389
9.184511	9.025588
6.67956	4.525166
1.035376	1.702645
9.539194	9.69675
2.751081	3.883238
0.381235	0.453014
0	0.112284
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33.68628	35.96022
88.42546	138.6803
40.29705	27.43027
0	0
0.557699	0.570943
5.554797	2.740743
0.034397	0.228891
2.219806	1.471135
11.5477	11.52959
31.81547	29.65226
8.854035	18.16337

9.299977	11.98501
0.021641	0.024001
22.62583	42.22737
3.211391	4.072787
3.829541	4.326581
3.215436	2.249866
2.203083	2.739517
1.804152	3.148105
15.11088	22.41927
12.70777	11.00184
3.104344	2.541193
0.878361	0.960811
45.69088	31.74172
91.67517	106.9184
0.738003	0.188882
0.05413	0.060033
0	0
5.810445	5.864889
66.74914	65.05567
4.058841	3.091691
4.488714	3.861639
0.939228	1.519089
0.265848	0.387506
17.04671	23.1571
3.147106	4.257673
19.8682	16.17804
0	0.28932
113.4218	247.6301
3.085124	3.607427
6.517342	3.686478
3.906883	2.852539
10.71858	8.859597
50.82624	53.91539
6.108471	6.986375
4.819018	7.271121
0.198729	0.341269
9.705732	7.565661
0.074178	0.102835
6.146834	4.941407
14.42192	12.68076
3.091463	2.369782
29.82581	26.98081
19.41549	14.50179
6.128136	5.111492
0	0.074241
106.8271	108.7715
52.75628	67.4293
164.3573	173.6712
1.242253	0.535389
28.53956	24.25676
7.711896	10.83375
27.5267	22.44764
19.62218	27.70741
163.2634	191.132
0.187322	0.046167
0.734963	0.426967
11.33774	8.971514
84.48186	83.94519
17.2949	15.44748
4.168002	1.676814
2.5382	1.866696
8.170596	16.33242
32.42053	46.12361
5.215101	6.112804
47.26748	44.27615

24.54693	34.93068
10.75521	9.041816
15.10351	5.857447
32.88141	31.04664
5.455409	5.008593
2.973848	2.404442
8.115091	7.21439
168.415	235.6282
4.416519	1.275734
6.777798	7.597339
23.74281	16.56632
36.83727	31.96985
6.734319	5.598692
4.488419	5.307209
118.7301	167.1414
0.176634	0.195898
62.44508	38.62235
3.512811	4.801949
3.07259	1.92521
1.345486	1.240525
187.8629	202.9834
1.83785	0.911234
0.747126	0.36827
61.39194	54.68966
58.91086	46.06034
31.96674	37.89549
0.160018	0.232075
51.04276	40.00944
14.52854	15.24798
0.027279	0.030254
0	0
0.705304	1.732069
0.23755	0.311359
23.7391	12.38158
0	0.038554
2.959746	2.530812
3.831175	3.850933
6.282602	10.96402
0	0
5.632755	6.045267
12.0535	18.19642
20.93461	40.71058
49.32252	59.94163
9.385933	6.569147
2.458641	2.974671
26.75484	38.65134
0	0
0.221175	0.070085
24.49133	16.17047
7.410163	8.384589
6.087796	7.885007
16.07087	11.70837
1.449317	1.918487
0.992709	0.251651
0	0.042796
13.75608	15.45392
8.178964	8.637729
7.868313	4.384096
35.95973	28.09564
25.60898	30.09447
53.5176	35.30573
2.562106	4.115321
0.446668	0.082564
7.600408	4.120998
1.188266	1.270793

35.69923	45.35508
2.227824	2.916345
14.23559	18.05474
2.779516	3.620893
12.58649	15.32562
5.40874	6.427095
17.68536	21.45731
19.33333	11.82472
1.083136	1.683914
0.063928	0.01418
5.531152	5.290743
0.399148	0.1428
21.45201	9.8973
5.679697	5.22869
0.069024	0
3.508913	4.938912
0.035404	0
1.746841	1.674661
3.317157	1.478291
11.36186	4.901443
4.202097	2.71296
6.853901	7.470335
9.624771	13.11959
1.936594	1.707227
0	0.017189
0.242392	0.038404
13.507	17.39482
2.071944	1.109337
38.28602	37.44497
58.47322	62.38181
20.84506	33.01213
39.97501	28.12463
13.6411	11.98555
0.166811	0.370006
1.228845	0.759629
0.016451	0.328417
15.06425	14.67771
28.567	14.67178
2.922111	4.383917
2.859264	3.646763
7.274485	6.817018
0.033761	0
0	0.022688
0.363326	0.650921
5.866108	1.509362
2.093333	2.602271
22.32373	11.21592
4.421224	1.85193
0.03664	0.182863
20.08756	4.446255
26.83654	21.45824
12.15183	6.530479
9.015028	11.69226
69.23358	99.68192
0.951804	1.591532
14.86721	15.69677
17.36997	20.11347
43.95952	47.29059
20.87493	15.71737
68.58	84.71336
28.46165	50.44099
151.3914	150.2324
0.254715	0.070624
7.093818	2.516175
7.844568	6.808008

30.40521	34.37244
64.80274	44.15931
39.56011	36.22821
0.202237	0.416545
103.4098	78.21345
473.4817	514.8444
4.471938	6.138183
0.153776	0.12791
1.829406	4.433572
1.464457	0.778249
7.37398	8.909729
6.226478	5.129833
4.430694	5.738178
2.603906	4.501048
0	0
25.2599	22.83236
96.87275	111.9223
36.59568	40.30785
2.144672	3.071067
6.056564	7.363579
2.611524	1.855259
10.55391	8.03717
0	0
10.47931	22.16743
0.178925	0.039688
148.0724	167.4067
10.14712	15.35855
0	0
4.873518	2.574584
1.683388	4.108987
0.255316	0.183222
0.219715	0.859284
0.03895	0.129595
10.14667	9.245531
18.79695	23.16329
7.8376	5.94622
2.592097	3.459708
5.585773	8.15724
154.7011	177.2273
3.597309	3.862979
10.51504	6.646939
10.9548	10.04922
34.8245	24.30034
12.33182	15.76022
14.10466	14.10788
17.04241	15.86976
0.343385	0.486172
40.31992	41.95553
11.83066	28.7204
27.96036	37.65188
13.41976	16.20803
3.690127	1.632557
6.742863	4.402777
0.049419	0.182696
12.11518	14.22865
35.16357	29.28483
16.50094	9.693285
2.512951	3.81381
10.99683	17.5987
34.71881	37.40312
2.816752	2.913936
0.100453	0.026892
37.81363	36.13187
0.438636	0.751823
1.774497	3.99293

77.01011	45.07853
4.411259	3.527143
0.134484	0.074576
4.880937	5.943226
0	0
0.151802	0.392834
0.013404	0.014866
1.696298	0.986695
11.12497	11.52386
400.6345	361.7172
3.601961	5.755533
0.535587	0.342691
5.673457	4.321442
4.906485	5.600811
4.538903	3.554976
4.513586	4.449637
10.77307	10.53309
6.048472	10.08285
4.874128	6.739043
5.494486	6.129724
2.799182	3.812643
0	0
8.036093	5.599487
3.970384	3.027336
20.69563	17.02198
0	0
0.022868	0.025362
0.024618	0.018202
22.88136	32.42028
3.814161	1.878246
3.63296	3.734909
1.125155	1.92442
1.77536	3.862956
39.16031	48.09014
3.109113	2.898177
0.242149	0.291577
7.095208	7.699792
0.034147	0.018935
5.648376	8.405493
0	0
0.322347	0.373046
7.278467	8.103734
0.770483	0.947732
5.170404	6.083945
6.938222	2.206629
1.0314	1.218894
0.14563	0.053837
5.591676	6.012822
13.60198	11.45213
0.283687	0.089893
12.34305	14.10135
0.10914	0.105912
0.284006	0.437472
21.05635	17.37219
35.53009	40.1241
0.095813	0.288427
2.384268	1.565303
2.152388	2.861044
45.50467	40.80165
3.451022	4.491508
85.79821	109.4343
4.634738	3.827015
0.363977	0.509903
0	0.121657
82.3869	94.44342

30.24437	32.70428
0	0.025751
0.095372	0.126927
7.662622	8.539172
1.150527	0.983907
8.395162	17.25592
0.417543	0.181206
89.50187	71.88869
0.031807	0.105827
2.229286	4.404875
9.838765	9.849076
5.065666	6.799381
15.64613	10.92811
18.10867	14.26937
1.540936	1.488895
0.367813	0.244756
0.346624	0.594946
10.27183	5.198331
6.565854	9.060905
2.551271	3.710029
48.08859	35.09852
0.123433	0.114079
0.040487	0.044903
3.060187	3.428101
0.020038	0.044446
4.145407	7.549318
28.04189	30.91776
13.44104	11.38523
5.743588	5.024843
8.961248	9.746917
0.206049	0.179552
2.441619	1.315268
0.227512	0.039841
50.76286	44.32248
0.155411	0.258541
3.015539	3.004306
28.45731	32.3679
0.574666	0.203949
7.116173	5.894641
0.419592	1.085824
23.0613	21.88182
0	0
13.49491	16.34433
24.45562	16.71498
69.08089	73.27148
2.601347	3.463626
21.82896	30.74024
2.868701	5.032066
70.5774	65.20924
424.7893	489.6132
134.8367	107.1885
9.684133	7.982651
14.15491	11.14688
1.856122	2.040574
5.629077	3.945866
14.09493	16.71904
9.296197	9.95285
10.73954	12.00594
5.600826	2.561205
12.53444	12.87231
62.39732	57.35883
8.801849	3.867169
0.114976	0
1.572768	2.159604
0.024815	0

6.356956	5.200331
53.47336	42.47097
0.162009	0.207321
2.410491	1.800819
11.80445	6.848049
8.253466	4.989122
10.36177	12.09544
0.020443	0.022673
9.061699	7.458473
9.974247	13.71362
0.100128	0.183656
26.38212	22.75729
14.44052	12.68225
19.74004	20.313
5.938559	7.727519
0.135943	0.215384
0.02073	0.022991
25.56065	32.68763
2.239257	0.737281
7.942885	6.900496
0.159915	0.066508
13.48352	12.38304
15.26598	7.069086
6.050393	4.369468
54.08823	47.51979
2.470585	1.876325
175.1518	106.5167
10.14949	11.29522
0.645002	0.490294
10.11643	11.78766
1.792782	1.186006
6.867608	8.072414
2.001699	1.93539
18.82422	17.92418
48.74192	51.63147
1.139651	0.836694
0.458544	0.635692
0.778682	0.54695
105.1529	114.8697
26.76409	33.9062
5.464639	3.243182
0.456042	0.216762
1.373097	0.431474
17.289	17.74094
2.503503	3.745372
0.418026	0.574002
0.429667	0.185316
13.27303	9.096218
0.968732	1.888308
5.505923	7.072995
4.531322	3.450995
56.05432	66.12042
22.61292	20.97985
2.56684	2.336911
2.869725	1.978435
19.2885	18.24693
8.706716	10.49011
27.4541	30.64245
5.085877	4.572906
4.516376	3.137951
7.824456	3.482794
0.921925	0.564122
4.106386	4.670116
5.563341	6.240599
113.4778	109.3982

5.606688	4.085649
3.846411	3.58175
3.67442	3.236153
7.109831	8.869425
0.226429	0.050225
0.099498	0.579335
0	0.019736
3.324168	5.924676
17.66662	16.11465
0.368979	0.40922
2.860548	1.442055
0.448017	0.17333
6.924388	3.274234
17.11898	19.79968
2.490948	2.923766
37.47374	39.31003
0	0
13.23795	14.65655
14.71742	15.2308
8.13905	4.111639
11.83085	13.76051
5.290725	5.633696
1.613263	1.052474
0.787096	0.436469
31.88849	30.13207
0.066653	0.036961
1.056618	0.328119
3.787435	1.800213
13.97649	13.54219
0	0.151088
6.573906	7.896541
0	0
1.102134	0.488934
0.339353	0.36
1.659748	2.215732
6.242515	6.104808
10.41873	12.70199
0.249345	0.399445
0.273913	0.491844
5.615168	6.969708
13.23601	12.53312
0.3011	0.133575
11.92869	9.847546
0	0
0	0
0.282797	0.171076
0	0
0	0
0	0
20.08128	20.28062
35.1952	34.83029
7.960834	3.823105
0.058528	0.025965
38.20972	38.45505
0.737802	0.589914
0.061472	0.136353
0.03347	0.074241
13.35752	11.92371
6.558688	8.219096
28.11058	19.4639
0.091607	0.203196
1.156781	0.715081
1.540451	0.767566
0.236973	0.283034
0.043816	0.145783

0.161168	0.192495
11.27251	11.72053
5.899886	5.151134
0	0
0	0
3.372372	2.763257
0	0.033443
19.0556	35.29521
117.9626	140.1962
0.208501	0.07708
6.422454	6.680346
0.052262	0.057961
3.420211	5.355137
0	0.023951
0.079268	0.13187
0.239164	0.159148
14.40559	20.00385
0.480523	0.551306
15.41498	14.7938
27.33833	37.81858
11.56739	14.08332
7.164842	5.110966
0	0.092676
0	0
9.807595	8.32606
1.992227	3.589275
0.787683	0.194131
9.453128	6.795784
13.56866	12.16038
0	0.069274
1.920795	2.788159
4.802144	3.308972
0.109694	1.45989
0.82103	0.973371
4.599029	6.050183
26.83864	24.11634
16.56304	16.16835
6.592878	9.258237
5.136184	2.857825
0.421907	0.33247
35.01412	44.59003
8.53793	6.079996
8.124021	16.64768
16.50184	22.82009
44.76218	62.56599
1.878192	4.505842
19.61236	24.96206
5.714706	4.29692
20.70465	24.40352
0.132835	0.088393
29.52613	24.115
1.088202	1.338542
53.23311	42.30557
7.473575	7.280075
1.631183	0.938461
11.08073	9.671551
5.517306	10.35352
44.6405	58.97256
14.48247	14.06482
2.080571	2.63712
1.189919	0.59599
16.33253	21.52624
12.18049	15.62641
2.036713	3.351825
4.549811	2.361966

3.767599	3.395028
64.10269	62.21824
27.23976	15.42914
29.83186	19.50881
1.566986	1.197533
0.048734	0.270244
1.871966	0.943693
3.177356	2.2043
3.499802	2.65345
4.223598	3.412794
0.178925	1.190631
10.31943	13.23904
69.45236	93.11384
25.2828	19.85789
11.84296	11.16831
53.71698	46.22644
5.141321	8.255909
5.902127	7.852562
6.367483	4.673077
0.366835	0.050855
22.39622	26.13544
13.47168	13.92753
10.37308	10.27948
14.89829	13.93473
6.293133	5.842238
0.023797	0.013196
14.10498	20.18399
0	0.243172
67.87338	75.38589
0.264628	0.265538
15.9352	13.27666
21.7893	22.99936
8.44044	16.62947
6.880667	7.617354
25.07848	16.71659
5.327467	6.131065
0.02554	0.014163
3.752765	2.880065
0.97932	0.410068
9.046763	10.10457
6.10553	6.811315
6.734885	3.219772
20.08994	19.58455
0	0
0	0
0.767769	1.211025
0.030812	0.034173
0.233898	0.317053
0.365396	0.776722
0	0
39.51687	59.8754
2.097759	2.726807
0.242843	0.029925
4.215709	2.716345
4.36566	3.843477
4.063125	3.031184
0.613593	1.759611
10.1412	13.71052
7.639326	5.869116
1.116037	0.86317
0	0
261.7728	294.282
0.063419	0.175838
4.00768	3.232553
51.29366	59.2398

0.022784	0
2.505749	5.094885
28.57944	26.31271
23.76092	18.77359
6.898543	5.324505
30.07748	17.47711
1.26519	0.992488
2.670114	1.764826
8.802191	8.399266
10.84192	14.28609
0.345523	0.052856
4.1749	6.427553
18.09862	10.97295
0.186168	0.275295
18.19541	20.25942
8.392434	9.212744
152.2108	146.0082
9.966031	12.96658
0.023245	0.07734
8.458466	8.317134
2.672486	1.417541
0	0.035258
8.090234	8.995393
3.666602	3.114111
1.29049	1.052599
16.41288	15.15148
0	0.035586
6.191199	6.827624
3.546325	2.344354
15.16436	7.444123
0.920658	0.813662
2.03266	1.992679
1.226512	0.891216
4.788284	4.200842
6.871378	4.780824
6.208689	2.829216
3.615079	3.962723
0.55698	0.872082
1.82073	1.655826
1.712592	2.007561
0.808779	0.82709
0.060716	0.028859
0	0.035789
608.2991	590.8282
14.84686	13.97122
26.14185	24.57938
1.408322	1.785046
7.265185	9.015641
14.23886	14.71763
3.70136	5.853474
0.075947	0
0.023643	0
7.962324	5.762634
28.27982	25.40193
0.079226	0.556489
0.037515	0.104015
0	0.045064
0	0.022778
38.27757	34.09525
41.40854	37.44134
0	0.027957
0.321972	0.981987
19.13755	21.93645
9.801493	12.69712
6.219519	2.77972

18.67509	17.06377
0.365486	0.316676
7.156593	8.013416
32.49153	35.03133
16.40997	13.29076
5.312004	4.481444
729.6492	811.331
1.61645	1.876965
0	0.030947
0.094024	0.069519
1.944556	3.785107
0	0.23485
1.574375	1.029738
4.914213	12.2538
1.977289	2.815445
3.453708	4.096063
14.62386	13.0704
1.767179	2.650544
8.695556	4.206382
4.871265	5.378411
15.80855	19.52833
0	0
9.345073	16.87893
4.469213	2.471089
25.04898	30.13586
7.798941	3.51386
64.18757	104.355
229.9803	279.9581
6.283156	4.662807
0.085021	0.07072
0.616466	2.051093
12.97192	17.75512
0	0
0.020477	0.23846
4.41172	3.32158
6.910118	9.781861
2.886392	5.030433
5.327302	6.917036
8.894361	5.75601
0.234644	0.416376
21.06652	26.76445
0.037267	0.785297
11.59443	13.7871
1.424644	1.529048
2.559256	2.912095
80.8772	92.02945
2.667399	2.127164
0.232971	0.387569
0	0
27.24168	20.84292
0.11944	0.024085
0.298136	0.137771
3.804324	1.95073
39.87842	26.67749
4.824912	3.114998
24.31798	24.01438
10.26747	13.79301
39.9657	67.93376
0	0.029339
12.72145	11.76886
0	0
2.346307	5.204394
7.428002	4.870327
0.71955	0.513016
3.251322	1.679467

0.204196	0.251628
0	0.195342
9.842737	12.49946
0.209188	0.208802
12.27981	17.18649
19.82891	16.76322
2.882857	4.366994
34.1937	62.11629
10.24847	11.77135
13.80177	19.85394
12.02809	9.749895
3.79553	4.010078
9.169755	5.084909
2.751223	1.100975
0.268774	0.298087
45.71466	40.0572
7.01002	4.906052
0.02138	0.142269
17.37386	15.07109
4.056493	4.311444
1.245945	0.789616
0.244963	0.098792
4.028471	5.922153
4.739284	4.778322
0.93911	1.640409
10.83804	8.463996
10.93542	9.388742
87.78653	102.7733
66.03461	89.88104
108.6079	71.5788
231.192	231.1069
2.298072	1.447144
3.901406	3.815113
54.50215	48.47666
0	0
2.17284	1.606541
97.36628	95.16651
2.572144	2.136905
15.55657	22.0796
0.086502	0.191872
20.63111	23.50129
10.2404	12.42941
4.725727	2.56189
1.430367	1.199688
8.397813	12.28144
6.712861	9.455428
0	0.017419
0.596989	0.307402
0.06577	0.043766
0.113179	0.179318
41.42261	40.44546
13.75342	9.21429
2.435917	2.733742
9.216122	3.943292
0.183611	0.872727
0.050954	0
10.63459	9.83309
33.96295	26.64283
0	0.042231
22.17697	19.23625
3.31943	1.540198
4.440714	4.003227
8.454486	8.663394
67.46464	58.95359
0.899158	0.149583

1.35103	1.2971
6.312662	3.232873
0.494358	0.174451
10.91523	11.04579
7.569253	10.43744
28.8246	28.78496
0.088746	0
27.10658	64.29163
8.669907	13.0598
3.265641	2.289767
23.36433	21.56075
68.29783	71.81385
0	0.077023
0.099392	0.055116
0.562046	0.836818
5.045548	4.275354
0.04153	0.046059
11.50998	8.10493
6.966115	6.591496
2.786095	4.40883
2.96499	4.636579
0	0.193694
0.421861	0.183079
1.835117	3.34779
1.76133	2.715733
3.079612	2.592577
0.737562	0.847215
0.358469	0.238539
0.310895	0.089393
9.338531	8.094719
10.04394	15.7689
8.945929	4.637976
3.869095	4.156966
28.71804	21.50584
4.586063	3.669069
2.716301	2.474589
3.983732	5.029229
0.086997	0.032162
20.2495	15.57597
9.633159	6.709922
2.493654	1.411027
257.8682	182.4235
0.200604	0.166861
14.12507	20.1397
67.46514	54.68886
33.10447	23.02843
0.84587	0.375249
0.296216	0
50.22437	31.7707
1.938719	1.035261
21.23185	9.49564
8.807766	5.756348
0	0.127045
0.421132	0.300254
1.398353	0.361867
0.097621	0
13.18786	12.90807
0	0
0.068152	0
8.615405	6.429124
0	0.115534
0.372521	0.413149
2.838428	4.153138
9.225022	6.551591
1.4092	1.046984

0.123331	0.113985
0.262247	0.339322
43.74357	42.37424
4.528065	3.061711
30.41841	35.80007
1.850091	0.724187
10.66275	34.23661
8.433677	9.891416
4.278143	2.775214
7.826505	8.229158
7.179765	5.976871
44.12656	42.84673
2.907716	2.405409
38.67155	105.3531
3.316783	2.097665
5.274439	5.196253
2.956518	4.913767
0.070155	0.103741
63.01303	107.483
2.11253	1.969645
13.65489	7.528852
53.88242	53.75767
0.351214	0.411158
6.444368	3.594019
8.588096	13.27858
20.07103	12.56658
1.779836	1.418175
15.78762	19.88288
44.24963	43.2621
0.119628	0
14.54866	18.25879
1.458872	0.602038
0.149427	1.325788
18.40225	9.193343
0.376284	0.052165
0.472593	0.262067
0	0
4.275153	1.239231
0.023625	0
6.030431	9.695663
2.352168	4.472052
45.10362	47.88556
43.57106	23.59183
15.25575	16.93101
7.41476	9.212313
0.408825	0.332502
0.580653	0.143107
5.558219	7.172937
5.702146	8.803422
9.580393	5.436169
5.784492	4.364634
7.752247	6.992807
10.77272	16.88189
0.416291	0.197868
0	0
3.663652	3.072388
66.57438	85.17498
0.047262	0
6.589113	2.517494
3.363241	3.381187
2.771452	4.504573
3.848361	1.382041
0	0
0.101615	0
35.62978	23.47268

0.031051	0.034438
27.45012	16.22489
9.792935	6.81737
8.547668	3.982196
4.237127	2.953803
8.255246	6.270536
0.173913	0.19288
28.31672	39.5316
20.62534	18.62295
40.28416	81.98812
0.873438	0.645797
0	0.071356
80.11211	107.0764
6.902769	7.128346
27.7306	31.82119
5.576593	5.927646
0.559341	0.354482
0	0.184113
15.56635	8.315244
28.40014	27.86141
0.755047	0.628045
9.322355	11.64178
2.57829	0.922413
14.12823	13.41787
0.079497	0.088167
2.709357	1.418015
2.861879	4.408331
7.250278	6.762853
4.410071	11.50832
13.07595	16.80435
0.197729	1.096467
15.28203	18.97868
0.196581	0
0.057329	0
12.85121	21.92385
0.6577	0.875315
1.510367	0.478597
125.2145	119.3565
1.274171	0.513867
0	0.009688
0	0
38.54062	42.74389
0.108109	0.05995
1.516757	2.443916
32.29287	4.872756
216.1072	127.7604
79.73783	77.85898
0.223048	0.070678
0.691472	0.201812
11.70249	8.331022
9.426368	9.471644
8.484471	13.74712
0.114693	0.127201
4.328941	4.511062
4.940157	5.478935
0.977977	0.694946
18.61362	24.57157
56.10828	94.97882
8.87779	10.80504
0.098066	0.1571
0	0
0.05087	0.084627
24.29487	21.05137
0.027829	0
5.239971	3.645557

2.963402	1.96394
0	0
0	0
1.958874	0.96427
3.526199	2.485006
9.323094	10.36467
0.057863	0.149738
0.052394	0
0.07456	0.070878
45.37598	38.97707
0.064007	0.248457
3.976914	2.369727
30.45026	18.53029
17.67035	23.63901
5.179325	5.575947
65.51654	81.49984
12.8926	11.10222
0.438777	0.121657
1.5886	0.66829
19.20177	12.11995
8.656181	8.257455
1.595517	1.8639
9.937242	17.87441
6.521107	13.72213
33.5776	38.6248
9.501002	9.678043
1.424188	0.683032
0.686775	0.320705
17.10131	24.87348
9.588708	6.487021
16.52035	14.34667
0.018128	0.020105
50.98257	45.03646
0	0
4.297847	4.526531
4.858129	12.24863
0.208433	0.549016
7.8025	8.127704
1.43798	1.71989
3.202957	4.059743
0.477591	0.45401
0.039178	0.065176
3.424207	3.066349
1.337599	1.01371
30.33832	49.80886
15.03271	15.42679
6.278777	6.801603
26.30282	37.03476
3.808848	3.781142
15.00467	8.590401
34.74977	31.73234
5.734933	8.710969
0.575518	0.56169
13.30433	18.34262
11.0813	13.76706
7.053786	7.913345
0	0
22.57978	21.06816
54.36433	46.31327
0.245726	0.045421
2.119321	0.531407
0.1142	0.084437
34.97095	19.81014
0.137767	0
2.621082	1.029541

1.820902	0.912028
110.7264	75.4425
0.076134	0.042218
0	0
0.321694	0.089194
5.407935	6.86056
0.805731	0.455233
1.968846	2.248429
8.922095	12.3425
0	0.057718
4.202721	2.385432
0.465652	0.344291
26.32121	23.74349
1.444619	1.003558
48.9693	48.88902
82.16724	47.58035
49.86324	43.43281
0.786859	0.581783
0.228084	0.359468
7.217088	13.58994
12.7276	15.07008
246.6548	250.2002
5.029503	4.640542
0.680032	0.301679
2.359372	0.353253
8.229667	7.668427
49.49835	29.515
24.87097	16.50319
0	0.024716
0.246703	0.255368
5.766117	5.6033
225.6076	225.3747
11.22147	5.988934
12.27946	3.725395
61.17107	53.35385
27.95192	23.59526
1.970271	2.143726
1.798435	1.223943
13.57788	14.82988
0.047	0.104252
0.163818	0.817577
1.051017	7.022279
0.097967	0
0	0
3.903705	4.884869
3.67311	3.176411
0.027742	0.123071
44.40087	39.35097
16.91831	21.7168
0.059356	0
36.35625	30.76087
23.1427	19.78368
1.74113	2.254716
18.66786	21.80593
185.1474	204.6749
12.39954	11.04764
2.083002	3.651568
74.84666	57.69823
0.775871	5.774828
6.162812	3.341146
0.038999	0.288351
12.37745	8.05928
0.091689	0.072635
0	0
18.02222	15.79884

2.33494	2.339991
66.7594	71.48468
0.608993	0.979346
33.63506	51.86072
23.06996	21.31183
0.184508	0.665049
5.127098	4.440323
57.52861	69.323
5.470034	2.214088
8.623643	10.97282
4.378382	1.353281
6.757301	4.229433
80.43199	74.11262
0.155801	0.043198
47.39066	63.97531
1.008723	0.503431
21.79456	34.50111
0.289769	0.270629
6.218528	7.049502
3.077583	3.235145
0.02414	0
7.134644	7.865934
10.34781	5.432785
82.76558	135.0679
209.3254	162.2354
39.14358	41.10793
86.14088	101.5243
47.48077	45.98602
127.2906	102.8724
0.105411	0.17536
0	0
0	0
10.25417	5.764143
9.859898	10.64555
6.966845	6.090423
1.802419	2.355955
40.62739	34.63239
1.072776	0.991478
14.52556	13.63372
47.58232	60.54723
4.559958	3.321193
40.41695	49.89234
1.723931	1.490192
2.875886	2.682785
19.50319	20.73374
9.723761	7.923982
22.15696	22.05788
8.06986	8.773089
6.963544	5.211452
0.859476	0.272346
10.37244	12.15915
0.720544	0.399564
0.115618	0
10.19915	6.234377
0.155867	0.115244
74.32299	78.91042
4.389982	3.924814
88.10425	83.36753
3.524307	1.544744
59.53871	71.43847
0	0
0.506418	0.898638
0.067266	0
212.8826	209.1553
6.430654	4.951596

0.14286	0.190128
4.166003	2.111451
11.03989	7.250172
266.2853	218.4492
73.97494	74.19933
35.90411	31.38628
333.8551	356.2163
19.62516	9.299806
2.745472	2.04443
77.21209	55.52147
35.9488	31.75098
1.384838	0.402251
0.848998	0.226679
6.460745	5.205328
7.803686	11.2723
0	0
4.749264	1.697038
1.024178	0.309784
11.33135	12.92465
9.769816	6.637458
43.39897	31.28289
10.44738	5.762574
9.431538	17.64134
64.0659	76.69075
13.54956	6.46013
1.107376	2.620048
0.478276	0.357737
15.72011	17.45552
1.852752	3.060362
0.047833	0
12.29237	11.39933
0.307361	0.221573
24.99602	20.31251
55.38248	43.03634
6.839404	5.430732
4.936051	8.01554
16.5439	31.40046
0.062133	0.275639
0	0
39.76234	47.45722
4.025279	4.193718
28.54157	9.680454
5.667557	9.344913
4.91303	5.041112
4.798986	2.640394
15.3596	13.24157
0.080807	0.04481
0.042279	0.070335
9.886447	7.372436
0.13352	0.037021
0.12564	0.046447
6.70217	4.187491
52.17771	65.72377
2.301027	0.739923
9.353879	10.89046
0.246516	0.390574
9.224004	7.70486
87.65582	68.59927
23.54442	35.71454
15.31148	14.69788
2.687132	2.164561
8.619033	13.40747
6.288038	8.551227
106.6554	139.3003
49.74613	48.59653

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1.38253	1.502018
2.069563	1.602359
0.076056	0.028117
0.740231	0.366501
0.055439	0.078254
21.80912	13.66943
0	0
3.633916	2.39097
180.1852	185.0128
27.73712	17.66398
12.83327	8.13778
0.685011	0.218707
3.785786	3.875692
2.094956	1.88179
22.33845	27.91196
0.163818	0.045421
0	0
3.585154	2.862545
0.619116	0.291669
7.767827	7.286044
20.65233	20.98396
0.39474	0.062541
0.437232	0.623464
1.295726	0.419136
0.681985	0.32
0.43001	0.84376
1.930734	0.67298
13.56391	10.3694
2.304656	2.679185
7.863556	9.534704
28.95947	29.05327
19.2728	21.4823
11.76707	16.21225
0.165919	0.073606
26.6298	23.35001
16.95737	17.43587
0.642246	0.447725
27.13956	22.87664
7.744118	9.020835
13.33718	10.37709
0.215366	0.409464
0	0
0.125139	0.05948
0.708215	0.628363
20.6515	14.09463
29.1212	14.46994
48.77102	42.06671
2.647411	0.592874
11.91992	9.506455
18.62432	5.668615
30.87766	22.67691
0.126193	0.489844
0.528078	0.878506
13.6087	13.29016
140.3979	126.454
28.08507	17.50693
0.440826	0
2.605137	2.273272
0.682273	1.908157
0	0
0.325915	0.18073
17.85125	20.28179
15.15526	18.46137
0.123584	0.168692

60.03556	60.42529
17.94169	13.37958
0	0.381531
2.873947	4.66533
57.55612	72.98877
0	0
1.781732	4.178406
5.603277	5.785798
26.10649	39.28365
0.798853	0.992294
24.05063	21.53482
26.85085	29.57706
82.16949	65.45874
0.072855	0.01616
11.7451	9.429617
0.013949	0
10.12831	7.180009
5.583653	4.251643
7.369398	4.76442
1.487398	3.742676
9.324647	8.538262
1.638256	2.557155
5.465284	6.445625
0.702194	1.978728
5.141771	2.586508
4.345387	4.74219
6.119781	4.601498
1.057837	0.992712
25.7631	17.3441
169.6236	215.3569
38.90679	33.90357
18.58153	18.44506
11.49833	10.55681
6.606532	2.979129
42.66456	49.227
10.48667	22.52739
5.141541	2.317834
0.610691	0.112882
59.64648	44.65828
5.987415	3.03149
128.6015	143.9828
0.128811	0.085716
0	0.165657
0.037119	0.013722
5.427955	1.896691
11.45578	4.869856
0.169174	0
169.3167	241.6003
22.04205	10.44294
0	0
13.5219	8.398104
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1.001753	0.893634
42.93302	24.76753
4.918346	2.727373
22.30983	18.41064
0.697605	0.178543
18.62261	11.68711
0	0
4.879081	3.333914
1.131138	0.696945
1.845869	0.902147
10.8652	3.840165
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0.840147	0.792008
0.033853	0.037545
0	0.014233
23.64775	28.71647
0.947154	0.171502
19.24518	15.76464
0.022198	0.024619
3.229729	3.754176
2.997823	3.814201
48.98839	41.9347
6.424375	8.457761
1.862607	0.911046
9.5936	13.3902
4.412388	5.107536
273.0716	264.5626
0.037397	0.431348
2.633989	2.140458
8.730425	10.33836
4.018172	3.512037
2.995721	3.677506
3.304363	5.05869
8.109572	11.35044
55.34137	46.46132
7.893032	4.063109
47.91885	46.80806
0.891413	0.296589
0.248099	1.135024
3.456212	3.417506
7.185162	9.626387
6.921549	10.66169
5.551565	4.900488
47.99011	56.27177
14.25726	19.22662
0	0.27163
0	0.065392
23.63358	25.7353
0.055708	0.108122
8.296858	13.05688
0.249095	0.880583
1.24914	1.949783
3.810386	2.081902
8.095281	11.61278
11.77148	19.50234
0	0.768887
0	0.276956
0	0.248585
0	0.245922
13.12824	12.94822
5.83695	5.497078
0.22095	0.408411
8.430328	7.663126
5.278733	6.676549
0.031162	0
40.37511	34.74838
2.556152	3.309063
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1.258249	0.663008
0.131987	0.117106
0.344308	0.247085
5.525048	10.1913
7.113853	8.70159
0.055783	0.041245
0.030301	0.033606
6.048733	5.89595

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3.227621	2.568715
1.990132	2.788014
1.65634	1.377737
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10.3928	15.34339
13.98082	13.03247
19.69087	20.37457
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2.8559	3.242271
20.41492	19.49298
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0.103421	0
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0.042642	0
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33.34179	34.81317
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61.44944	64.65171
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0.080689	0.048812
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0.523675	0.209083
22.10394	25.78689
32.82551	14.93783
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22.87213	38.13359
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0.986376	0.425425
0.063354	0
1.796149	0.619745
1.078549	0.312046
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13.73437	13.24997
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0.715887	1.275151

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2.202785	1.477517
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14.87615	19.05117
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0.984771	1.040774
5.712652	3.989131
24.50588	16.23618
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0.097366	0.359948
1.495697	1.018171
4.812515	5.850002
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13.82471	17.57992
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22.45795	16.55294
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14.22784	9.757971
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8.666803	21.83024
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28.05283	37.83927

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27.75499	21.22162
0.080807	0.567594
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35.28034	32.50128
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39.24012	28.57315
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7.407862	7.080995
1.634902	1.398135
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0.235237	0.09566
0.584843	0.233505
0.082234	0
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0.343686	0.323993
15.431	11.12929
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2.27293	0.504164
2.756453	2.021614
37.75422	27.58303
12.47993	8.654965
44.38012	43.89643
54.69184	43.38098
0.150453	0.02781
19.93245	28.30503
7.679167	6.684474
21.98159	27.54941
7.214523	2.54011
57.04886	44.76215
68.35882	51.43902
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664.7282	642.4511
33.51239	26.09361
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27.81008	17.9123
79.18359	85.53058
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13.15461	7.294634
17.11902	19.54842
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8.827827	11.05042
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13.18568	14.52502
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154.279	154.9082
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2.437055	1.641012
58.61976	65.59858
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52.2038	44.11825
1.593457	0.835423

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3.944798	3.20223
4.338171	3.2547
8.250402	5.878134
10.52842	9.122815
3.253395	2.500576
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5.738006	5.109484
16.49611	32.1042
25.77022	23.74247
2.714737	1.188705
0.12158	0.080904
0.109404	0
0.236803	0.180558
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0.190305	0.158295
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1.525178	1.07778
218.2025	177.4756
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0	0
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0.201377	0.124078
3.02079	4.633311
3.419445	4.351153
21.32401	9.177465
0	0
15.90847	20.46026
0.071011	0
38.22817	61.04018
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5.615137	3.740257
14.38197	11.18098
14.54433	12.24394
4.559335	1.833262
6.927855	7.810622
32.45778	12.97404
0.241427	0.267757
0.29481	0.326962
0.097775	0.54219
46.54302	58.83884
2.69322	3.009573
10.64095	7.656323
0.214685	0
4.055507	6.352569
0.130298	0.072254
66.85433	64.12916
21.58168	23.65463
29.29142	24.32773
16.83988	24.29226
39.80762	47.42143
13.30203	20.66102
18.97029	21.79161
0	0.023614
6.060213	2.184372
18.21384	7.79086
15.58191	12.11915
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0.02612	0
73.10456	90.41373

38.33978	46.46668
21.90201	12.72786
9.234276	10.25793
0.327852	1.045371
18.33614	13.84695
5.087224	3.154496
8.171385	9.886433
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2.134099	1.293225
12.71329	15.55841
6.312965	4.334239
3.822487	2.578423
1.87385	2.055122
0.037334	0
6.368601	6.197026
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43.59575	35.2616
1.162633	1.175658
0.094414	0.020942
0.4623	0.256359
33.67822	27.51432
4.442122	1.505345
7.563608	4.677043
2.512924	2.133786
57.60881	49.88148
66.94464	61.71185
78.46611	59.36931
46.48617	90.78148
349.2387	357.2016
7.804707	12.64344
2.791288	0.701238
146.2669	172.0104
75.6772	88.93394
3.835204	4.895509
5.164171	2.61749
0.681026	0.629416
10.42504	10.10604
0.313457	0.339366
34.7202	45.53292
13.06151	11.62518
58.90016	45.75315
16.42298	14.18297
12.45473	8.854853
4.775914	4.715173
0.712897	0.402511
11.22166	10.64315
0.224256	0.248714
5.627371	2.973353
62.13064	53.52398
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4.741622	2.921527
21.11444	12.91515
4.599443	4.902481
12.21204	12.13629
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3.876585	3.326892
4.440171	5.812156
0.758545	1.346036
3.248576	3.244076
0	0
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58.63642	72.60121
26.96848	20.9707
11.4709	10.95341

18.46001	7.988405
9.268734	5.542916
22.26506	29.47416
8.028477	4.353101
0.660499	0.523238
17.74217	13.86182
9.902726	6.495571
16.33981	20.82551
3.744096	4.441296
24.93099	26.81989
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21.02314	23.2408
3.094987	5.284499
1.621861	2.501377
0.20484	0.295333
12.87973	14.87606
31.24812	25.92395
45.14022	42.1615
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39.17141	40.15195
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497.9189	604.1752
3.074177	5.831115
12.40756	8.65946
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2.836868	2.517008
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11.76743	12.17822
4.944397	2.910176
5.991395	3.977534
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0	0
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53.14681	35.1286
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8.953184	7.02712
10.9641	6.024292
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3.360054	2.109859
51.99879	49.66518
20.23329	12.38331
0.68786	0.331687
4.157165	3.410169
7.486568	7.300967
1.960113	1.440025
18.96751	14.71447
0.798497	1.420272
0.041199	0
0.499954	0.369653
31.45478	29.99151
56.45908	47.99153
42.38841	45.02905
0.31795	0.448796
0.122399	0.169685
38.74926	26.97446
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5.717564	7.723168
8.452012	12.38143
0.061139	0.067807
5.378762	5.907119
16.1382	23.44913
6.667171	7.98179
0.299937	0.221765
3.842781	4.49225
2.356652	2.67665

6.405443	13.04425
3.710599	12.18123
19.02687	24.03744
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32.83302	39.78674
9.662032	12.37858
1.730839	1.197174
6.69817	10.05209
1.273826	1.650007
0.477591	1.210693
1.434965	1.603612
0.29225	0.13205
262.3935	354.6155
5.027476	5.467509
0.088254	0.04894
20.83234	13.46977
34.06369	41.86396
9.388843	9.572014
45.01202	57.49876
42.43081	43.78997
12.19277	14.05631
54.90018	46.78333
8.72226	7.448299
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30.24185	34.36172
1.84645	1.075108
46.80552	54.32329
3.55149	8.858387
2.567377	4.187319
0	0.033737
24.83103	25.32856
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4.678282	1.896245
28.12112	21.89089
269.511	264.3886
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2.822131	0.729301
17.20602	25.59942
0.093976	0.034742
463.6999	453.2971
5.373526	2.348952
0	0
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0.282641	0.139318
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12.19871	6.963766
19.79497	24.36418
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0.014452	0
4.638762	3.468882
26.66589	17.29386
1.99924	1.923275
13.81908	16.46799
85.17798	73.20549
33.73656	38.59633
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33.29606	31.57599
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11.02535	7.548437
0.192645	0.2747
10.63587	9.168574
194.0729	247.109
14.0428	17.59776
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0.496144	0.336266
20.93453	19.92727
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1.459362	0.823458
11.70253	8.693359
0.079273	0.298924
99.53115	118.1788
1.811839	0.974877
11.11237	10.85498
52.49164	31.73734
0.771266	0.194405
10.97786	10.19624
4.964581	4.047387
7.79025	6.25825
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0.32813	0.181958
22.40102	12.4713
3.686474	4.18092
29.36067	40.6965
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212.1712	265.6279
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18.6676	18.5157
2.447615	1.357277
1.679234	3.699914
49.73206	46.83047
1.426192	0.456945
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1.705191	0.71665
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7.592553	6.118419
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0.119801	0
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3.03975	3.392338
3.809211	4.026053
6.34437	8.506251
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47.47821	78.93611
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25.14066	20.99042
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5.969582	5.751616
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8.254998	4.973702
6.836851	7.884335
2.02526	1.895178
2.728185	2.436297
16.94078	19.87471
0.24279	0.49366
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0.073628	0.551192
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492.2675	586.6148
7.388542	5.003199
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1.230726	1.867826
12.22137	15.2805
0.352641	0.244438
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7.71481	6.753625
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63.00016	69.30449
72.14528	38.94374
0.279356	0.051637
21.27848	9.069703
17.9165	16.42758
2.82041	1.76344
64.68554	63.13294
103.2696	94.48255
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49.86992	59.54105
37.8189	13.71448
34.1907	39.30784
0.102566	0.30334
49.0709	42.37209
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13.33154	18.76852
2.037027	1.417875
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28.82555	19.78754
0.169482	0.062655
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5.014784	3.722061
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7.966555	5.156394
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47.78588	26.14076
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2.62811	1.662768
5.99251	5.950396
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0.936537	0.977578
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19.60072	13.19831
13.97975	12.53024
62.66008	61.8943
2.649222	1.939931
3.485175	6.092281
2.307703	3.524899
4.302685	5.277848
0	0
12.20461	18.28788
11.43304	10.14113
1.205727	2.282196
0.018969	0.231421
1.430144	1.172347
0.040793	0.090484
4.932565	3.434113
0.137818	0.545887
79.04361	72.27476
45.47808	45.62784
4.323281	2.410986
0.280357	1.04095
43.58188	42.06932
22.26885	9.805281
1.900965	1.167087
26.25865	21.05579
36.22717	28.70178
20.49127	27.32881
0.936974	0.875084
6.965846	7.837511
0.504882	0.809651
8.46312	6.936405
0.137095	0.057018
96.19347	131.5774
2.675847	3.007781
18.69628	13.06681
8.340494	12.8052
15.3383	22.21577
0	0.024636
20.85308	18.14099
12.53608	12.24765
0.069761	0
5.830768	5.137416
0.058325	0.161715
8.065208	5.620039
3.940694	5.02139
12.35944	12.0475

120.6529	134.6686
32.68629	36.44039
0	0
1.123019	0.573324
0.667601	0.323929
9.436078	10.63903
22.7447	19.3842
1.734071	2.517991
11.65291	15.76519
4.768144	2.935378
0	0
0.007748	0.017187
0.064432	0.343004
3.196445	3.004282
7.433098	7.156391
21.98575	29.51063
0.130366	0.072292
1.298307	1.285626
2.673854	2.135136
23.18266	29.29426
2.814136	2.622548
0	0
0.05683	0.031514
0.255687	0.21685
17.37262	18.91163
3.197661	2.953034
42.26556	38.7373
0	0
0	0
14.39978	11.8356
0.227663	0.072141
13.758	12.91787
10.21211	10.83669
0	0
9.420154	11.167
3.656326	2.8797
4.674088	3.949599
0.315073	0.4465
0.02377	0.052724
0.711598	0.328835
2.048999	3.29874
7.157685	6.047386
4.372933	3.439868
8.520711	9.530658
4.834686	5.014684
60.80129	76.28911
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57.10774	75.56363
6.684722	5.129725
222.4313	252.283
7.295905	7.520981
1.046279	0.663078
3.743782	5.007412
0	0.039135
39.46645	47.13157
4.93769	4.24659
0.193752	0.334263
3.534484	3.377574
225.1164	290.424
0	0
0.009348	0.031101
0.322191	0.501782
5.479694	14.51501
0	0.031615
10.0261	8.352817

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16.38917	24.86316
0	0.007631
0.682273	0.291032
13.96468	11.24251
0.058261	0.021538
61.98671	76.87937
0	0
3.639077	6.010739
15.1276	12.12736
31.3	34.62182
0.097744	0.086723
5.283508	3.74721
16.12783	6.31297
1.857144	0.726948
8.387312	8.956454
0.033853	0.018773
3.905499	3.160778
7.344919	4.350514
7.633633	9.608752
0.784105	0.711508
0.405502	0.174894
0.204907	0.266777
0.027424	0.273729
0.139271	0.061784
0.038078	0
0.336514	0.559822
0.092254	0.306946
10.57076	12.26077
0	0
58.89173	20.6276
6.341148	9.658268
0.033881	0.037576
64.19663	62.17288
2.862511	1.368405
24.75692	26.79292
20.51955	16.26819
32.7429	32.73275
0.115618	0.091591
0	0
25.79349	20.53574
1.207245	0.33038
82.58438	78.21502
5.053584	5.729282
31.76012	38.09648
35.48927	48.84955
4.912158	2.873927
5.183624	7.136228
0.170501	0.324165
21.2677	25.37341
9.994526	7.558174
18.68241	26.64347
10.75979	11.97358
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13.54781	14.75531
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1.237488	0.734746
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1.024536	0.93294
2.749935	3.549388
62.4521	80.09821

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0.02243	0
37.25857	36.25052
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0.179387	0.785335
1.258225	1.443567
66.08037	51.74501
6.849193	4.89992
7.817958	5.8356
24.9577	19.36209
44.65128	37.61807
1.83508	1.48178
1.418849	1.790637
12.77711	17.52484
14.51575	17.28891
13.98544	14.76651
3.684317	2.676417
26.56196	34.20246
5.589368	4.567647
0.252614	0.996139
9.598441	13.33345
0.173427	0.133159
0.193958	0.215111
7.767058	8.687452
1.11503	3.216503
31.28733	39.52967
6.598053	7.688898
10.35566	11.32844
5.389808	4.617908
26.85476	25.01865
9.375143	12.52911
11.79304	7.1906
0.084319	0.748119
8.128049	8.729833
8.69007	19.77178
10.45852	11.56779
53.24063	63.45528
6.354745	12.53258
126.5574	133.3733
17.91578	19.02566
9.723529	15.1932
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21.80797	15.60411
5.353294	4.162273
2.339458	1.490516
0.231956	0.128627
40.79995	29.92725
0.601438	0.649928
21.36679	17.35043
0.433806	1.268401
0	0
1.565846	1.35599
8.252662	6.190492
2.879083	1.936543
8.312123	5.972964
4.384718	2.21223
13.67553	14.60365
9.883787	16.70505
16.63129	9.898695
0.502954	0.165276
13.89824	10.50036

17.18315	21.69874
0	0.011144
1.803836	3.01698
16.81331	14.52555
0	0.227255
5.027869	5.900143
19.07913	12.69223
1.592283	1.712017
25.15166	25.04832
4.766566	5.436169
1.749893	2.010503
0.619836	0.435376
1.346121	1.178629
0.442616	0.133878
2.661299	2.280737
0.710459	2.029953
40.68459	63.65343
4.740244	4.228632
0.122494	0.019408
3.489323	3.358153
2.337211	1.860466
66.38291	42.34237
9.342692	14.03478
0.763094	0.583667
10.98626	12.73125
0.742515	0.367944
0.703687	0.450249
4.597231	2.368585
30.74868	44.61498
0.03942	0
0.976774	0.261487
99.1909	114.4842
93.38169	100.8827
6.833919	5.180486
175.5352	168.655
0.134097	0.021246
0.971758	0.984022
0.057435	0.031849
6.007335	8.747992
6.061192	3.297216
13.09422	10.2147
0.014825	0.032884
0.562964	0.356778
0.393786	0.485258
0.305984	0.262229
1.465028	0.728361
28.94995	40.73111
8.997738	8.320473
16.98371	16.54981
3.471369	3.128092
0.06676	0.01234
18.21471	17.49484
5.712595	3.501261
0.066703	0.014795
8.783699	5.319458
14.04457	14.36698
0.035097	0
6.123735	5.103511
4.358454	3.898219
662.6769	718.7914
0.07406	0.082137
15.62037	9.657946
18.88276	19.21622
0	0.158965
0.224778	0.142453

12.23586	29.9367
29.67756	25.13385
14.14875	17.14863
1.188203	0.83991
10.47199	10.59497
1.814057	1.837457
10.52556	14.63043
8.013347	6.68383
0	0
4.038478	3.51616
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15.75446	12.96834
0.096709	0.035752
2.25648	0.634981
7.911348	6.93032
1.46866	0.974106
237.8927	243.3259
0	0.058059
5.219188	2.267783
23.60882	33.91124
6.285429	4.529074
2.278585	2.668607
0.624274	0.157354
12.28352	9.635191
1.987617	4.553803
9.394248	9.639064
0.018659	0.041387
11.28011	9.375752
15.4643	7.429207
0.069761	0.077369
18.68798	25.78278
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2.284721	1.14291
18.23416	21.38186
0.037447	0
13.06109	12.5892
9.654599	6.821513
2.420541	0.879929
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3.90441	3.529261
14.1624	9.484787
9.710952	4.715874
7.001781	12.97914
6.421273	3.347338
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3.811102	5.430619
5.05452	4.320371
4.550423	3.243175
7.046296	10.9339
51.42519	54.60814
11.86447	10.13496
0	0.192341
0.395551	0.471186
62.81904	106.6976
0.604534	0.413691
1.403639	2.562211
0.462185	0.541069
1.362183	1.749283
5.925402	6.178905
39.51998	37.81013
40.90069	29.95578
2.315646	2.74552
0	0.017988
0.865799	1.137107
20.84954	26.66874

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0.12039	0.076297
0.119267	0.15117
13.93736	14.07107
1.592368	2.56332
0.055287	0.275923
260.8067	267.6123
1.182775	0.841882
15.72647	17.41861
10.05954	11.77049
12.81494	6.895195
9.218669	3.703205
27.12448	27.87534
7.774339	6.373982
19.11614	15.22582
151.3473	143.4078
6.259654	7.927889
0.832521	0.585951
3.404122	3.673341
11.78884	12.33817
0	0.015928
5.877434	6.437815
4.199024	9.598653
20.24032	25.24798
0.179962	0.239507
3.698128	4.115891
0.851726	0.735922
4.653959	8.54582
7.987786	6.471629
17.53933	17.88256
1.645339	0.903267
0.030099	0.016691
11.84004	16.07603
4.0718	6.553379
57.83133	50.3802
0.794469	0.71239
6.593976	5.633654
18.38208	29.47685
2.611213	1.447997
4.662651	8.42533
0.167463	0.077386
1.440628	1.256479
42.7714	34.56986
11.52088	8.906075
0.108571	1.651357
4.259073	5.300377
14.59747	18.97931
16.66372	22.6175
60.23804	70.19334
12.46811	9.056295
0.07795	0.23774
3.488027	5.690343
3.941397	1.505815
14.40278	23.8967
12.52535	10.29878
8.873942	10.2504
3.589279	3.176113
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0	0.022241
67.64691	79.42911
33.40495	36.94641
17.4009	24.77974
3.096707	3.665452

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1.4259	1.046849
49.17517	44.86548
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13.62247	13.60005
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11.07113	8.807817
44.08899	38.00969
0.086774	0.384951
1.40659	1.112796
147.7203	143.5854
26.3288	25.88149
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33.45186	32.05295
0.17952	0.179188
42.08941	42.63993
22.59569	30.74511
5.478877	6.827161
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4.479964	8.075689
7.901329	6.25747
0.08757	0.07284
141.9532	98.03748
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0.68453	0.455511
58.32096	38.73113
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2.993582	2.888456
29.99442	22.62235
6.104142	4.132984
18.68992	15.47129
38.53883	40.48291
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85.23158	134.1614
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31.07766	24.15618
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24.8892	28.05651
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13.33502	13.24064
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16.91656	17.0949
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29.62111	37.68529
45.66513	41.83675
12.80365	16.69479
15.68511	17.66278
8.001103	8.085966
0.678314	1.633882
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5.748786	7.94517
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46.48115	60.98693
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52.33694	44.12021
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28.01512	30.41832
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43.6335	43.21856
11.2814	7.732964
17.85213	22.16431
0.037156	0.096151
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33.73293	28.22347
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649.6655	649.4845
1.971372	1.470146
1.156143	2.969381
9.414408	9.764993
14.38406	15.93085
0.374838	0.491304
4.509553	5.2693
8.813137	4.495258
4.586647	2.580512
0.82902	0.670938
0.942719	0.686131
16.46523	20.3401
0.378711	0.132004
0.151186	0.027946
9.118406	13.64283
0.042169	0.046768
3.280396	3.652206
0.162878	0.361282
1.640406	0.88209
57.71153	58.3671
0.195975	0.135108
0.019673	0
33.53483	23.77141
6.870666	3.895611
0.286487	0.448083
28.22448	32.94
10.79772	12.14165
6.250049	7.543304
0	0.01863
13.74173	21.65743
0	0

0.710118	0.465379
0.541796	0.430363
0	0
0.789121	0.656387
7.314118	9.310136
0	0.017108
0.195703	0
7.107176	6.130671
13.29908	12.41348
4.975876	5.073106
7.947673	8.695454
3.199009	3.113459
16.21624	16.14572
3.373448	3.141599
9.466713	7.70393
29.03367	30.06882
9.486865	13.06603
1.432939	1.755254
0.020396	0.113105
12.03363	11.95363
4.279814	4.593459
0.911128	0.98425
0.060455	0.134096
46.45733	49.8919
61.26678	60.6187
25.24501	19.55148
32.53268	55.11208
0	0
3.404733	4.829839
0.083087	0.023037
3.846927	2.605348
11.69775	10.4773
4.648341	6.165627
32.34526	37.20561
4.982805	7.268882
40.62354	48.98873
0.490079	1.528671
14.25439	10.3816
41.33833	37.9023
3.395719	3.887545
0.381261	0.162631
0.127041	0.311985
0.4419	0.395845
0.519369	0.362065
0	0.04997
8.349616	8.265944
0.033542	0
16.35883	23.37321
0.085549	0.355795
4.358213	7.495877
31.32268	20.9779
3.462891	4.622264
29.97508	27.21826
8.96706	7.334775
5.075508	12.75777
1.953007	1.427593
1.53172	2.355114
0.062149	0.094775
0.378002	0.681245
8.966036	12.50088
3.823203	5.23785
0.077222	0.256933
19.04874	20.14433
3.604897	3.985317
30.23723	28.98126

23.73476	33.24186
10.43326	11.05938
0.275208	0
0.089269	0.082504
0.078757	0.029115
1.531846	0.810249
226.3502	259.4537
12.33984	10.14931
9.827612	10.88383
0	0.011452
0.857215	0.665493
70.65624	76.24336
7.231765	6.189022
6.537244	6.636627
0.132006	0.048801
0	0
0.805644	0.429348
10.64347	20.01102
23.70178	19.60195
49.15527	70.00437
8.149082	8.010802
0.016968	0
13.61076	24.92431
10.02346	11.0238
0.535022	0.701258
0.941254	0.70588
115.0426	160.3963
20.81745	19.50227
9.502105	13.15509
1.294876	1.457371
0	0.034707
8.626764	8.183763
27.20722	27.63981
18.74075	14.21834
7.171344	7.091507
0.072152	0.300079
7.875536	8.765755
3.504905	4.499906
1.104883	1.100059
0	0
39.03123	39.86524
0.550334	0.447593
2.086954	3.063387
6.624866	8.371774
5.519988	3.847842
13.18083	12.62694
4.798471	6.060935
2.231036	1.927536
19.24693	13.60637
5.898921	4.093024
14.03187	14.29827
0	0.03092
3.546523	2.849128
6.236283	8.079355
6.665665	3.34383
13.82372	8.454397
30.61028	33.62839
0.372974	0.339785
2.543676	2.633019
0.511774	0.263029
2.101857	1.384083
3.97653	2.606926
2.094246	4.709455
0	0
4.386776	5.258559

7.402503	11.22326
11.08987	14.93491
204.156	230.3609
0.995272	0.68236
0.225842	0.533615
26.02192	24.83593
0	0
0.094393	0.235547
11.77589	14.75749
3.309535	3.431895
1.726372	2.235204
0.066916	0.222642
6.122668	6.098276
7.679936	7.630568
0	0.013199
5.042281	3.580546
7.128926	6.149432
0.101366	0.074948
3.894749	2.722383
23.05635	28.15998
1.421288	1.536388
67.56701	92.77446
30.96019	35.34627
17.84146	17.46974
13.79129	9.454802
3.112209	2.006182
3.798372	1.74423
42.71176	70.89184
0.128468	0.081417
13.83715	8.954057
3.227499	5.887324
15.48485	16.19229
2.415131	7.779722
4.388074	5.108362
2.389166	3.277299
0.035769	0.079341
16.04312	22.32996
0.321416	0.594117
23.02439	23.51418
0.547077	0.677293
43.08116	34.89552
6.058449	4.158853
0	0
28.22734	24.54495
7.03713	11.18603
0.015173	0.084138
16.86028	16.7135
18.05247	12.95423
3.407949	1.469853
25.89674	32.11347
0.024357	0.027014
8.180168	9.398646
0.772522	1.417758
0.07349	0.027168
8.918558	6.086907
0	0.09218
0	0.032852
5.335372	4.546942
38.50005	29.3729
7.645201	13.13311
1.245653	1.184147
23.87507	29.33447
3.48024	6.508188
1.556713	1.237317
0	0.014227

135.1268	124.5455
0	0.032057
18.81473	12.83957
0	0
0.151975	0.191023
9.071502	7.617774
21.57919	21.40746
0.157581	0.274634
0.335763	2.687621
5.048904	2.880924
2.830596	3.159956
12.84805	8.142443
1.488225	1.547374
2.646208	1.617138
1.218429	0.763785
0.232014	0.051463
2.024572	1.564958
32.36078	26.95461
3.271368	2.989388
1.50752	1.126736
2.689387	3.092486
7.737414	10.8436
3.244533	5.254999
0.045948	0.063699
7.015467	10.72609
8.803364	11.51061
3.188245	2.673117
1.5199	0.992924
2.453825	2.863183
0.190159	0.246047
0.124506	0.069042
2.800796	2.619835
1.264092	1.4905
0.269299	0.253869
0.008622	0
37.42146	29.3899
3.837905	2.346365
2.801366	4.626869
0	0.13735
0	0
87.9676	103.8077
0.406937	0.193422
5.368286	6.220058
0.134606	0.149286
0	0.05571
3.7271	2.860368
13.29295	9.918956
13.41936	10.3436
20.10996	34.01605
20.38313	14.52293
0.728418	0.475211
6.607412	11.26999
17.10288	10.46316
2.14484	1.472565
2.263962	2.410437
1.394787	4.180822
0.185334	0.061664
9.644944	10.17715
2.951294	2.43358
0.058609	0.216671
18.65902	22.24979
0	0.110129
4.336014	4.019826
8.748607	9.389746
2.442958	2.279852

0.397405	0.033904
37.97709	44.66374
1.009543	0.150721
0	0.035567
0.045198	0.066836
0.06084	0
0.132476	0.293847
14.86587	16.13802
0.958005	0.248667
19.68289	18.78242
0.683951	1.836802
7.549253	14.89305
11.12097	12.70132
4.965185	1.872276
0.173246	0.072052
3.910985	3.279589
2.229964	1.535966
19.33563	9.049927
27.39261	32.94527
33.13753	37.034
149.6076	173.3938
9.518846	5.722327
7.744422	6.109559
9.392151	8.68039
2.257705	4.192631
0.826723	1.558706
33.80402	35.18004
3.142828	4.125797
7.440701	7.512253
1.087717	0.916822
6.401881	9.738448
3.167975	4.894844
10.29643	11.16865
0.454546	0.25206
34.46282	53.9625
6.500771	6.579077
15.13912	12.48168
17.08441	16.98123
0.65185	0.771679
0	0
0.119679	0.678405
0	0.150127
21.3202	20.00879
1.849347	2.32193
7.42254	4.36617
25.97688	26.23847
34.16112	38.09016
0.063864	0
2.153887	1.907827
12.14819	11.65083
2.227767	1.53973
0.21172	0.23481
3.117706	3.605914
1.548631	1.874617
0.155997	0
0.047404	0.026287
23.06441	34.31845
4.229616	4.153263
3.94019	2.831702
0.560318	0.300691
2.093461	1.802291
0.135013	0.085565
0.690597	0.840035
5.222641	4.134731
0.023358	0.025906

1.123446	0.329815
8.781649	8.987531
26.10652	34.14502
5.787585	5.958656
0.159255	0.227088
0.416391	0.478296
5.599654	4.977889
1.825495	2.046833
0	0
2.338321	1.643866
6.966238	3.58251
2.295333	1.460627
0.065396	0.043517
5.176042	5.740546
0.049158	0
2.728549	2.31086
28.85474	34.56269
0.035723	0
7.669556	9.383609
22.85289	25.04707
4.950311	5.32872
2.813258	2.075805
0.023132	0
22.32823	28.69355
12.92751	8.736497
9.03036	10.43603
109.0301	95.37049
6.081075	7.26118
0	0
0	0
1.341274	1.370116
1.504194	2.099684
0	0.037786
0	0
0.040927	0.068086
4.191478	5.378011
34.22235	31.2952
139.9117	201.7793
21.39606	17.96936
0.333203	0.095807
5.730685	4.21732
24.49606	21.7094
61.20017	67.65205
16.74751	23.91362
10.31475	10.9777
0.411381	0.245671
26.4962	24.50832
0	0
22.15016	14.90363
3.071234	2.279232
27.01601	29.65867
6.877632	10.51182
4.049944	3.652
5.485512	2.441927
12.05671	9.971572
1.779378	1.145867
46.11703	28.82644
34.92523	53.90471
27.86887	20.34882
4.330225	0.777867
73.01621	45.61499
3.093618	2.028554
3.071765	2.340007
17.72842	20.62979
17.3263	9.895245

0	0.025645
0.33009	0.587962
1.39087	1.699672
16.6631	14.39697
0.497163	0
1.648324	1.453099
0.402508	0.089281
0	0
15.1781	14.67754
17.16437	11.41283
0.281928	0.069483
24.49274	17.42102
0	0.038043
18.07759	23.21403
4.904402	3.539474
0.077319	0.114335
8.280085	10.98313
0.910301	0.971677
3.352424	2.914945
181.7299	123.8892
11.96823	8.530833
46.34021	31.93421
0.968068	0.916822
1.174579	0.842911
39.07495	26.36533
33.04777	29.66431
3.182415	1.414441
8.379618	9.199822
4.844752	6.365613
37.60143	42.4239
0.084529	0.046874
20.0482	24.79039
2.261253	3.411718
0.075501	0.055823
0	0
1.385812	0.706166
12.84863	7.124956
6.126658	7.590885
15.97557	21.07354
2.068507	2.136089
56.31743	58.58866
18.77313	14.55144
0.471944	0.465258
11.33967	12.46546
0.244511	0.187738
0	0.026648
2.163306	1.469533
22.40679	23.93896
1.676054	3.098077
15.37247	10.40439
1.209819	1.170474
1.542123	1.500271
0.033291	0.110764
9.819313	8.252586
0.243443	0.219994
26.04943	26.87147
5.235807	5.6059
0.0315	0.128097
0.906378	0.691094
9.521056	6.344532
18.17307	23.43541
0	0
1.90578	1.913283
1.383368	0.876708
19.50152	22.61047

18.2196	17.80978
0.046554	0.326994
9.214246	6.428181
6.772449	4.608136
0.218445	0.053837
0.727074	0.316788
0.225398	0.204529
48.53341	51.67913
0.48372	0.220901
4.251453	4.084989
1778.861	1703.127
105.0552	95.30886
4.064243	4.830815
0.532861	0.266892
24.70919	20.90502
25.80234	37.25062
3.988334	3.805254
2.624523	2.660753
8.819265	7.931734
14.22438	14.00929
0.242527	0.537954
36.03388	56.0795
4.718427	2.941544
0.993979	0.959482
0.095338	0.113869
8.797216	7.462646
16.38631	22.12415
5.067601	5.659217
1.476794	0.716561
12.43421	8.773521
35.41172	38.36042
21.64914	20.7656
14.40399	17.337
5.662902	9.799751
19.68183	10.31261
0.021865	0.012125
2.826438	4.955965
17.16082	13.13813
6.183068	7.330976
7.687744	5.035386
4.126177	4.18739
0	0
9.473261	7.306354
16.80041	16.92276
0.073606	0
0.277297	0.276786
24.88361	15.48244
2.076885	1.587273
6.860061	6.529778
1.939379	1.409204
0	0.012129
42.62192	43.78986
50.91765	53.08998
0.065355	0.072482
4.919527	3.476157
4.663308	7.464932
23.59017	29.00477
5.228991	4.346179
28.54485	31.49437
2.854569	2.064712
104.9637	98.17398
6.574464	3.856477
14.38705	14.53737
29.25274	25.97308
10.48526	15.15663

13.86344	22.19498
0.257236	0.16389
0	0.144055
0.053708	0
0.047071	0
1.297707	0.802839
5.541381	7.559536
23.42873	14.21481
0.197624	0.401825
0.019654	0.17438
4.250166	3.598968
69.67948	69.31104
6.874464	9.092959
0.015635	0.034681
47.67093	33.68416
0.486502	0.26978
0.231764	0.02856
9.658992	11.26176
26.39776	18.50424
27.84575	17.22555
6.080521	2.347061
2.476282	1.319474
55.08953	71.22003
3.614746	2.068631
83.68374	89.23379
23.65383	13.28016
13.3686	11.39082
0.314745	0.121416
2.883029	2.952944
1.222753	0.624523
46.03381	57.2636
28.37413	31.81892
59.965	52.80413
88.12577	70.17004
21.18812	16.23696
34.91491	29.92334
11.59769	10.35881
18.7263	16.59658
29.13877	18.80133
0.802495	0.744707
0.527808	0.554562
3.984587	2.195678
14.95968	12.18562
0.367873	0.370903
49.29512	54.6979
1.631412	3.696214
1.84724	0.888375
13.27644	13.14495
4.048013	2.439628
0.527808	1.293978
13.59456	13.7997
8.949461	7.342041
0.373834	0.617676
4.792745	2.935051
0.116888	0.10803
0.018611	0
93.99088	76.84681
25.67118	16.03647
37.13004	35.40479
13.04887	10.52207
21.20093	20.96727
78.94983	94.12474
37.56215	20.8754
6.273912	5.924762
5.549666	3.57205

0.26829	0
3.545711	1.986686
98.54882	62.22272
79.13551	89.03313
46.95106	58.34871
3.307059	2.305664
4.400305	0.976041
91.09328	53.74371
39.79629	41.73613
11.3826	10.7503
1.054277	1.126583
2.960635	1.79755
58.44629	50.41594
2.633776	3.953111
55.37898	42.52767
0.09691	0.179131
0.879106	0.121873
21.54549	14.014
0.087323	0.096847
0	0
64.08571	64.91713
15.56894	20.70831
15.29405	19.79972
17.75513	19.0075
1.347518	0.93405
1.704603	1.139153
9.146412	6.31702
402.3353	383.2364
12.70406	7.948766
3.488972	2.75992
186.5976	139.536
1.749639	2.265734
61.26902	63.73124
71.23578	47.51032
5.072889	4.106353
0.21836	0
0.079842	0.033206
36.42888	26.68094
3.609231	2.676067
284.3538	277.434
3.482036	2.078736
10.002	11.55688
21.81471	16.32879
0	0
3.402021	2.593971
146.0092	161.1866
0.051185	0
6.59362	3.312948
7.006788	9.100743
18.75582	7.195435
7.710557	5.82893
3.757504	4.981227
0.410544	0.350245
9.838819	6.005882
14.86647	10.45531
1.442874	0.464068
2.075417	2.461116
2.450153	3.18838
3.123154	2.156983
77.73742	58.17941
27.14395	20.29503
16.2678	14.52626
126.672	100.1986
7.875613	3.858199
0.492152	0.44086

203.7686	194.8261
0.048926	0
0.778832	0.531552
0.50702	0.664555
0	0
1.954682	1.868355
9.645035	4.354027
1132.414	1073.105
0.541062	0.150018
1099.357	915.8549
13.8632	10.88797
41.21714	37.89172
34.92685	29.91075
18.06832	7.185841
3.350475	6.031161
0.04472	0.033065
31.91758	31.26328
0.278129	0.047456
0.052728	0
0.598016	0.118435
0.067559	0
1.129206	0.215924
0.28055	0.21645
0.080716	0.053711
22.60126	16.46759
48.78402	38.16864
33.69991	31.53982
26.8991	16.47739
197.8604	233.499
0.064128	0.023707
24.98481	18.14027
8.385098	6.105267
753.1626	771.0172
0.066569	0.073829
0.065875	0
5.575858	5.606225
25.2937	22.70349
26.44878	8.6236
1.43883	2.348463
0.019792	0.087801
8.599381	12.47729
5.806687	2.908373
0.663064	0.133705
22.49584	26.88575
5.1411	2.157435
13.92704	9.8961
3.823119	1.830584
26.18336	14.55311
16.91082	17.89776
133.0274	145.6376
5.373962	5.471523
17.65003	10.61438
3.948357	4.867216
3.05301	3.805476
2.635333	1.302213
0.254803	0.105972
831.7972	795.7283
46.60193	35.86216
108.5938	83.27673
1.81984	0.908241
0.455485	0.312718
0.028598	0.031717
0.169791	0
0.032506	0
45.83386	36.64627

1.490496	1.330041
0	0.034794
26.05391	24.40499
1.871966	1.355248
15.77421	11.4194
8.10418	7.785983
3.169095	3.678195
2.141564	1.986096
0	0.070299
25.10781	35.5093
0	0.041331
0.188305	0.238676
0.247522	0.7778
0	0
8.357623	7.00086
0.094267	0.039206
0.039085	0.173392
10.46382	6.381472
26.66788	31.15984
22.5922	21.67658
13.21727	9.800667
1.617899	2.082726
11.61523	11.60481
5.333141	4.364916
12.67529	10.60429
4.5235	4.379452
0.066474	0.049149
0.030495	0.03382
0.418019	0.219604
25.31879	25.66142
14.57255	23.53066
0.27251	0.402974
0	0.365618
10.82578	11.55003
0.026364	0.029239
0.048279	0.080317
0	0
21.36133	22.56954
0.012282	0.054487
17.15424	15.64235
0.106374	0.019663
23.79812	29.60776
12.88975	8.220619
0.051482	0.028548
13.05433	15.24741
0.413065	1.104173
39.8318	50.4798
103.9061	82.89421
2.149648	0.88819
14.29925	9.860354
0	0.031059
66.75152	75.24299
0.011519	0.063876
13.96542	9.134243
22.32619	18.57083
3.031081	4.572486
0.476126	0.563257
16.09033	23.05695
116.0374	97.94237
227.7128	225.6985
3.686153	2.676304
8.235268	7.280728
5.321002	12.42681
5.486653	8.754303
0.085372	0.094683

1.940215	2.061055
0.41286	1.050447
2.919715	1.904789
0.025126	0.027867
12.11906	9.580862
0.059973	0.033257
3.65217	4.183281
45.67927	60.96505
0.222751	0.404255
25.84837	20.03774
23.04654	17.38485
40.52538	35.42319
13.1127	11.3759
9.263358	8.706201
2.559216	1.509399
103.1571	117.3846
6.751765	7.121852
17.88297	13.4982
10.631	11.37551
23.30524	22.46526
45.16718	63.5138
6.612022	3.911005
4.624215	2.752817
6.886398	5.891735
48.62853	38.81345
71.20824	89.67685
1.687144	1.060316
10.89057	5.325971
21.2226	20.88059
9.502965	6.69278
15.02042	12.80308
3.406485	2.102539
0.180199	0.054505
12.00747	10.1944
0.44328	0.307265
1.59538	2.569805
0.945243	1.194302
0.04003	0
12.545	18.44549
1.679465	1.892194
19.15383	20.9797
3.574149	6.131734
72.27302	55.16476
2.729094	3.675317
1.535115	3.37597
0.856371	0.455097
0.556833	1.003538
0.048223	0
12.84692	13.05705
13.2945	14.52118
11.41749	7.347108
58.46877	65.16644
47.66916	52.57609
0	0
137.8019	172.5458
0.0738	0.187083
19.99146	17.77169
15.41144	12.55163
55.85951	71.58622
86.14185	96.82622
54.44691	45.8518
21.68788	17.25384
4.3203	2.163892
0	0
0.712679	0.371955

87.09612	67.76963
6.907768	4.134435
192.8848	257.4605
7.15486	5.356743
16.11382	16.40793
0.801444	0.305542
1.853589	1.463096
0.019483	0.016206
0.291488	0.831285
3.808868	3.83553
31.15496	25.43144
2.099464	2.772953
6.027612	7.97797
0.050664	0.045974
10.04677	5.594946
5.510347	6.010464
66.44737	74.00475
23.07265	19.14159
164.9815	187.6773
7.91245	14.50805
7.965865	12.17793
13.38665	13.86339
7.095969	8.059345
199.5075	169.2619
1.520274	6.774412
14.76539	14.47273
11.01411	4.209863
35.19637	32.3355
3.883648	3.748978
3.179586	2.638037
15.30335	13.42676
2.867644	1.918895
216.457	227.7642
8.588896	9.134528
4.731932	7.4128
21.41948	31.41858
1.594778	0.67627
38.90918	37.3757
68.0024	50.58062
11.76304	5.844355
2.393153	0.749156
8.573381	6.979139
0.082453	0.018289
5.920026	6.420971
31.68405	14.32464
0	0.032986
1.118817	0.231623
107.645	124.5197
13.5405	13.44567
0.480363	0.488356
14.25335	15.39531
9.023094	8.288479
9.717947	8.336671
0	0
18.81963	18.70052
51.42648	67.28275
4.323992	5.78596
522.8905	622.2779
0.562548	0.789424
5.648974	3.946794
5.477642	5.443666
5.939851	5.942993
83.67244	90.27787
0.088696	0.196738
0.242954	0.538901

0.111667	0.082564
0	0
22.7202	21.26388
3.074927	1.502001
75.01552	75.7872
18.65981	19.49733
0.426812	0.157787
23.65215	29.34248
0	0
8.036255	7.446639
8.413223	8.73201
5.221613	11.38978
0.230892	0.179251
5.594956	7.883069
6.468984	5.820997
0.316453	0.309676
0.365098	0.202458
1.939683	0.849169
13.03189	10.66361
2.491985	1.584108
17.86159	13.4309
0.025362	0
1.881421	1.564958
12.46879	29.10331
0	0
0.121527	0.119805
0.970108	0.89659
2.499913	3.342259
2.213078	1.74042
0	0.066983
0	0.035854
25.00473	18.00829
0.657954	0.398024
0.351075	0.397828
24.16212	24.39084
0.236072	1.439999
1.504512	1.371448
0.518153	0.383109
0.047796	0.026504
27.00126	23.61358
7.757528	7.716605
2.568262	2.263761
15.19662	15.6382
0.053438	0.093132
0.054367	0.060296
2.269228	1.700481
1.362485	1.637756
0.698666	0.691094
0.258388	0.491259
28.22842	33.67024
0.023518	0.156496
2.652557	2.54616
1.931592	1.040523
5.082648	8.288565
4.470597	2.993832
420.1929	506.2966
4.127893	4.260422
10.27244	8.268709
0	0.005077
0.22885	0.126904
1.591971	1.196047
0.312194	0.371423
2.794824	2.563713
2.901134	2.666785
0.020468	0.015134

3.015649	5.137036
0	0
4.013771	2.847366
0.817304	1.687853
0.011046	0.0245
69.14927	52.89166
0.192577	0.085432
1.525411	1.038808
20.94656	22.77182
4.918036	4.555163
1.80136	1.0988
17.92775	21.78287
6.078593	7.338566
10.00057	8.614199
30.21105	28.91716
15.95867	13.94161
7.884423	6.551703
19.23948	27.97204
0.530538	0.309684
9.583536	11.48588
7.650933	7.746889
2.603308	0.932796
5.162875	5.902126
0.071666	0.105976
14.98068	17.30436
1.058987	0.796969
0.027539	0.106899
11.15844	7.979805
9.884115	8.553133
0.086112	0.019101
1.690928	1.765028
4.634822	5.665266
19.91576	26.59617
1.156898	1.17833
0	0.030241
5.208524	10.8798
9.821503	7.598139
2.520416	3.75551
17.11241	9.091518
7.182148	4.743126
236.3818	254.7458
14.58398	13.35791
25.46844	27.07736
5.446489	6.759186
7.349649	8.275791
20.6668	22.05762
16.13491	13.66675
1.839344	2.489933
28.01725	22.92664
0.043631	0
5.58897	5.876429
2.096523	2.879908
1.772554	1.369089
0.195892	0.506931
3.221633	2.407332
0.019773	0.087717
0.105321	0.009734
8.886926	12.81186
7.71891	6.354091
1.293477	1.341993
0	0
3.373766	5.21357
0.887736	0.908818
0.401349	0.348355
11.20039	16.72269

0.028113	0.031179
1.166154	1.401113
17.09237	23.05518
3.404309	2.422074
0.025741	0.028548
1.467802	0.916485
27.56906	33.55189
0.364106	0.104693
5.733148	6.325551
2.326104	1.99058
0.993496	0.749256
0	0.032696
0.146893	0.488741
3.196398	3.040186
6.333361	4.78412
4.222444	3.158267
12.82724	11.80606
2.40131	4.81301
2.753088	2.368973
0	0
8.842138	13.15131
42.9136	51.9288
0.075947	0.08423
0.376622	0.912745
0.346525	0.536595
4.318543	3.540086
1.65783	0.517925
0.196229	0.043526
0.148776	0.177075
2.982891	3.017258
13.22487	17.63246
0.036287	0
3.694575	3.857655
1.085014	0.31755
13.07092	9.446457
13.12025	13.66336
0.339273	0.301019
31.1028	55.42883
3.100349	4.129716
0.007511	0.00833
0.103901	0.025607
0.326528	0.362139
30.05585	30.92409
3.433856	2.61584
0	0
3.884184	3.841489
0.440919	0.336192
41.91248	45.39536
0	0.17459
0.621877	1.174354
1.977149	1.702772
1.017497	0.499129
0	0
2.537454	2.788607
5.574978	3.323068
6.003244	8.966057
2.098174	2.141901
1.771287	4.069595
0.505264	0.537954
4.106915	3.503706
0.025055	0
52.85265	56.10572
5.782211	6.961988
2.811906	5.579414
2.335108	1.34631

11.7296	10.20011
0.897973	0.972473
472.6486	398.3064
201.2331	188.4348
2.985133	2.386279
0.954036	1.80205
13.38033	9.639739
0.007079	0.039258
1.364389	0.525635
0.096184	0.106674
193.9498	162.9176
17.41685	16.39272
13.45456	5.49587
0	0.01944
7.232455	7.924425
12.05153	11.84432
43.71108	44.01507
2.278418	2.239756
63.27434	59.50504
16.17001	22.32989
0.58287	0.745891
0.848513	0.443639
5.558454	6.955602
15.24684	15.44634
0	0.077023
1.744561	3.025004
2.192474	2.763168
16.00495	10.65028
2.404276	1.615578
0.198917	0.30334
0.010286	0.05704
20.22817	20.90252
0.062714	0.104331
9.838633	7.066983
0	0.136929
1.045674	1.408227
3.159312	4.829658
9.143871	9.418556
1.760614	4.53955
4.962168	5.66911
7.248217	5.685534
350.3367	398.6758
1.101001	0.703447
0.057249	0
0.260571	0.183902
4.668187	3.719988
4.218875	4.418387
11.41148	15.84347
6.619926	7.008179
4.308637	3.735785
9.228811	8.880253
8.937197	10.54643
2.598201	2.664511
0	0.139743
0	0.511481
0.27099	0.500908
25.11196	37.36422
0	0
0	0
10.37932	10.99672
0.128598	0.25672
0.134515	0.307694
5.908359	6.194742
2.744172	1.634447
0.068871	0.076382

17.15559	13.84327
41.67825	50.2113
1.494269	2.485853
35.9961	23.73794
96.32439	74.27126
26.22258	26.52253
77.74773	76.92538
0.333734	0.685428
0.204168	0.168
0.322436	0.317868
2.763702	2.245374
0.010708	0.083133
0.169636	0.094068
0.164469	0.212807
23.0011	20.60392
7.155403	9.8892
1.844657	1.12521
6.963902	6.818471
0.117737	0.021763
0.371448	0.030515
0.084053	0.093219
39.09878	56.38445
0.791692	0.979346
2.69479	2.396867
0.039571	0.014629
0.455997	0.110628
8.390359	8.431809
24.81617	23.50248
14.95533	11.97988
2.243309	1.756212
29.53229	23.31025
82.24458	76.96202
4.272717	5.289715
0.907324	0.460013
1.300249	7.180233
21.4482	27.36004
18.19811	8.788808
0.598813	0.796944
8.675897	9.712305
0.010811	0
0.024521	0
0.03573	0.105671
0.043034	0.047727
1.39265	1.301153
0.616658	0.66723
18.65188	10.52198
0.116435	0.109267
0.182192	0.089805
34.15056	46.05926
7.481518	3.663813
0.542119	0.601243
9.546673	5.851455
4.346619	2.737661
5.778022	11.41084
1.907431	2.141901
2.909313	4.525214
6.802777	5.769472
0.119782	0.154986
14.07102	6.535688
1.767129	1.740467
19.77355	21.93007
0	0
0.711497	0.452759
0.164197	0.204867
0.036287	0.241466

0.822343	0.449934
0	0.076594
0.974021	1.74383
88.68505	88.00803
0	0
15.15465	14.33575
4.363049	5.338138
1.653612	0.909273
2.380175	2.53346
4.464839	5.499721
13.25064	13.36196
1.938826	2.061503
9.318792	9.440847
0.03232	0.14338
17.21994	24.3904
11.90428	11.68639
0	0
24.53589	35.36464
1.379218	2.936903
5.334284	3.86283
49.93329	41.83706
33.68468	31.86758
3.535196	2.139192
3.636518	3.246169
4.325637	5.96691
19.94634	16.66228
3.317113	4.193924
0.174647	0.42774
1.637359	1.002618
53.54304	66.9151
2.058584	5.448986
12.28724	9.0241
1.617494	0.827954
0.03756	0.083313
11.99179	6.539188
166.7549	151.7747
7.902679	11.19433
0.126708	0
10.81231	9.402251
153.5389	212.3231
25.11412	22.88948
0.151653	0
5.164236	8.108528
11.03741	14.63092
3.705352	3.238256
8.056513	8.224722
13.76153	14.87657
31.43327	34.7665
3.72558	3.093833
37.92601	56.16655
0.063254	0.015589
4.973956	6.273957
0.527417	0.621496
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3.222993	2.003289
5.839124	5.492256
15.09152	15.61141
101.595	112.5932
11.69812	13.17789
0.23498	0.144782
18.0481	17.15882
14.82893	16.66907
6.678071	8.266305
2.726597	2.519968
13.96244	10.70371

10.20652	8.07493
1.25905	0.523636
8.280876	5.719985
6.309767	6.624241
0.084406	0.053492
0.064299	0.171147
7.938562	6.414478
9.76173	14.42247
0.805016	0.976513
68.93818	60.35131
0	0.023859
0.052919	0.029345
4.700333	5.095149
21.48778	18.57576
0.85711	0.504999
1.748682	1.075308
14.97246	11.97271
2.148645	3.202127
69.06495	67.17141
1.246945	0.957418
0.173427	0.256455
23.29154	19.79373
6.371397	6.164
162.0053	191.1108
6.750953	6.689967
1.070054	2.030669
43.68818	56.05634
0.029231	0
16.07247	13.97507
43.84756	39.00802
1.164938	2.057609
0.091529	0.033837
0.560386	0.342898
3.870817	4.648351
3.924918	4.028345
0	0.058753
64.0037	65.83542
1.109556	2.104444
1.362354	1.443567
0.771022	0.507269
3.04658	2.355891
3.487893	3.363148
0.080554	0.111674
15.2316	13.91642
79.84777	94.16389
4.974029	5.603718
20.56011	15.63103
5.366832	5.16436
0.115834	0.064233
0.840432	0.155348
15.24774	13.37
16.80112	25.59424
5.926412	2.523189
10.33358	16.48049
3.962137	5.085732
462.9464	506.8113
0.146708	0.130167
11.34409	13.6181
16.69261	15.62104
3.194083	2.327884
0	0
0	0.028691
0.740809	0.782479
3.131158	4.297638
0.320697	0.213403

9.963767	5.025516
16.38379	11.59439
3.062748	2.467274
0.864319	0.918641
11.31944	11.47636
11.07197	12.63098
1.630135	1.238032
0.038764	0.071653
0.02007	0
0.767233	0.654545
2.320931	2.63555
21.56348	25.37594
24.5506	16.79697
9.410019	13.44094
11.68345	7.962237
0.120948	0.178852
0.149247	0.047293
1.086312	0.741407
9.057381	7.857929
2.758502	2.465742
49.00202	127.8458
128.505	169.6191
576.7652	718.2274
0.047187	0.03925
0.187857	0.052086
0	0
0.054224	0.140322
0.262709	0.129493
14.16228	14.64782
2.578689	2.804924
4.932502	6.165104
0.019957	0
33.20219	40.12791
21.05536	24.52415
43.69135	49.62169
2.236002	3.430787
39.77515	44.37408
6.652166	8.265709
0	0.012768
0	0.025371
0.026754	0.039562
2.971718	4.089253
8.843118	7.080792
2.413745	1.115413
12.57536	5.746939
8.266722	3.529219
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10.65633	9.35864
2.022103	1.066722
0.408803	2.947015
22.66864	32.85776
7.561377	9.913633
0.015875	0.246488
0.290352	0.214679
3.551143	2.792707
0.163387	0.120804
11.40371	6.557918
1.628508	1.806115
0	0.048917
61.41009	67.47544
0.78402	1.407803
4.84586	5.860136
0	0.008371
0.95636	0.59397
6.976346	5.234829

15.70873	19.51781
16.59281	17.65748
3.377729	4.28461
0.54746	0.441575
0	0.071952
8.889144	10.81074
4.004186	4.47342
12.08579	9.468638
5.628711	2.782512
16.04771	16.88283
14.3048	8.385884
9.630323	14.11114
38.50959	31.24128
1.241738	0.905702
6.042333	4.474613
5.506336	4.482234
0.343654	0.211741
16.8951	27.33059
100.6623	92.00315
1.979704	1.144521
27.94762	30.17662
19.39293	25.51513
63.47486	73.72356
21.19176	30.46737
27.96541	29.90661
1206.961	1179.935
59.01353	56.82801
10.2057	10.78679
48.12999	52.31564
44.92635	48.80731
34.09464	30.19366
5.633624	6.433434
15.99753	13.77733
10.75982	10.44362
0.365608	0.147448
0.503861	0.124181
10.26199	9.606689
7.395606	4.187125
14.56547	12.53924
29.68246	26.01946
15.25647	7.263174
17.66155	17.00732
19.39585	25.09016
35.01539	18.34796
3.321103	2.537545
10.78899	8.533874
6.054077	2.623757
7.459202	7.299449
0.162673	0.120276
9.504149	7.141692
4.696609	7.66502
23.48682	21.53559
4.000705	4.970591
0	0.024522
0	0.012602
11.58089	14.07384
2.727895	1.119399
15.07455	13.89776
0.029721	0.087899
0.197615	0.159394
13.7598	15.11157
0.055683	0
1.509851	1.243201
0.0836	0.061812
0.09926	0.027521

11.9405	14.53902
5.304247	3.30769
0.063306	0
13.36107	11.55858
0.406239	0
37.36654	36.45697
0.031373	0.939449
12.40252	10.4811
7.789928	12.62077
5.195555	3.298852
22.28944	20.27481
0	0
7.333657	11.49741
74.46662	70.80328
0	0
9.542448	14.35319
22.78184	24.79393
0.055683	0
28.40124	25.6593
14.25062	12.54854
0.449629	0.160587
1.091638	1.538588
1.579968	0.519194
2.40595	1.593595
63.38528	57.27269
7.295399	5.49938
27.58382	38.61482
5.494163	7.877169
11.24396	6.863727
30.87507	37.16611
0.031286	0.060721
20.91424	15.35569
6.744262	7.204805
19.65482	32.005
0.353075	0.301217
0.63577	0.52883
7.972761	9.238858
0.045945	0.016985
9.07737	9.809219
14.33238	16.19602
5.907762	4.934526
0.133234	0
0	0
0.625269	0.847564
3.475281	3.894239
20.71492	20.00608
3.630654	3.650999
1.244503	1.270688
49.78206	36.00739
25.77632	31.6821
66.33241	56.50254
20.89971	22.65436
52.12695	60.56804
10.80188	11.1318
7.200236	4.678374
12.70157	11.54604
26.87094	37.20561
36.27539	30.57567
19.93817	20.56801
0.117767	0.156733
3.621898	2.658671
1.84128	1.116539
2.470213	3.750884
0.621615	0.441222
1.889215	2.04607

272.9553	234.4751
15.05222	13.09197
7.861826	8.321105
68.33379	60.36373
1136.602	1033.66
0.442455	0.635036
2.100762	2.122261
1.138135	1.663354
0.133568	0.172824
0	0.034241
1.85743	4.761647
3.220754	3.179196
3.946047	5.045582
2.695108	2.548033
1.632704	1.272432
46.26534	63.94701
0.047268	0.026212
0.535047	0.53406
26.31544	22.66734
71.51642	77.4464
0	0
2.144421	1.36705
0	0
5.897226	5.365569
12.75848	9.516382
66.14751	66.26864
4.898719	6.985257
32.54654	46.84424
0.09796	0.021729
0.760383	0.439988
14.14531	9.619472
54.75675	44.03516
0.031774	0.070479
0.038492	0.042689
0.044437	0.088709
19.48889	14.45419
25.64641	37.80007
19.56824	12.99463
53.46018	53.69077
0.648716	0.631726
19.2714	26.36744
18.95487	20.84335
0	0.058954
0.440217	0.307402
0.236973	0.367944
0.031971	0.023638
6.890714	5.626175
3.907968	3.972993
3.313309	8.789956
0.233458	0.244535
2.580979	1.073424
26.79471	28.63372
0.108734	0
0.038629	0.064263
2.624545	2.274047
0.03039	0.202227
11.01173	9.34242
9.38799	4.748341
0.073592	0
0	0
0.067836	0.075234
0	0
42.91511	38.86211
30.11242	39.36241
4.822601	3.547513

5.294485	6.728986
0.748035	0.553077
0	0.029389
14.10598	9.934756
14.19992	9.549669
1.721171	1.466244
35.30158	40.78485
20.62189	31.23968
8.490265	4.465424
105.8908	90.85191
28.879	27.78659
67.05109	58.98864
2.986603	1.082875
132.7576	126.9485
547.6828	511.0285
12.40127	5.47769
2.566942	0.826518
9.372644	7.465565
18.49754	15.87907
34.45534	32.29724
31.12015	28.6441
0.061594	0
1.007762	1.141966
0	0.022006
0	0
0	0.051291
0.661701	0.590673
2.639915	2.128096
0.022751	0.025232
0.049765	0.044154
115.1823	102.8505
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0.05365	0.029751
1.156667	0.786241
18.25157	26.49399
0.142401	0
0.401271	0.349046
0	0
0.581206	0.389589
11.16544	9.836877
21.37417	17.85796
2.567041	2.528988
2.489007	1.778963
1.78753	2.445059
7.728471	5.247762
72.7319	66.88049
3.394731	2.798284
0.844576	0.796183
21.5824	22.43205
0.160847	0
0.339582	0.836927
0.722322	0.40055
0.686242	0.680971
8.274853	4.541546
0.690033	1.672956
1.370523	1.495867
0.28538	0.158252
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0.931153	0.43307
0.25192	0.228596
0	0
0.015103	0
0.022134	0.245484
0.810513	0.453818
0	0

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0.392693	0.550132
129.3097	160.6315
2.125381	3.892913
10.87914	11.01203
5.465247	4.169327
21.51733	25.5013
0.067559	0.074927
8.485263	9.6685
43.75647	71.1236
0.073173	0.121729
9.75734	12.17417
15.05631	11.8265
0.115661	0.15393
6.419039	4.26776
11.58378	15.59664
6.962721	6.673835
12.66175	14.14429
1.405702	1.194861
5.321733	3.694827
19.36292	32.44656
142.9408	159.5413
0.645406	0.432178
0.260156	0.112903
1.448372	2.991349
17.21708	15.04202
0.110148	0
0.080296	0.029684
0.031378	0.0348
10.68514	5.380573
0.552702	0.367788
1.308842	0.921641
1.406715	0.756987
6.643841	6.398894
1.144459	0.951956
1.703057	1.573995
0.915328	0.440539
17.56658	15.58593
4.321336	3.379415
2.949854	3.331268
5.208267	6.161371
4.098214	4.908782
4.666893	4.535902
0.283901	0.145321
19.52129	17.26137
14.49392	16.50181
0.364146	0.242316
2.40262	2.084524
3.262936	2.847275
6.283492	9.084296
5.631392	3.776992
6.390267	8.043309
13.12072	12.05366
3.786234	4.362238
7.193841	6.157417
0	0.030201
4.001396	7.886729
0.028592	0.079275
1.337942	0.95391
8.558663	8.031759
7.940466	10.65162
0.851878	1.139299
15.81831	15.66951
7.215746	8.451451

0.033219	0
1.248347	0.488644
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1.553405	2.242402
0.241792	0.387346
0	0
2.434225	2.236673
2.911865	2.271552
2.67861	2.024751
0.666003	1.272731
7.406411	8.284568
4.560851	4.979961
5.830749	11.69686
51.21564	65.95556
2.298888	3.055779
0.644298	0.43307
0.498951	0.8902
3.753455	3.647511
0.035137	0.103917
2.6755	2.119494
25.20934	31.44833
30.44599	39.27935
15.59321	14.04773
18.60025	15.25063
3.081049	3.650431
19.28913	22.10313
4.320204	2.597301
0.317661	0.440382
1.006814	0.620344
9.907974	16.55128
0.667601	0.535823
7.919967	6.30177
0	0
0.600599	0.366355
0.252172	0.198103
0	0
0.201998	0.081465
17.70011	15.49245
30.5209	35.59996
2.007078	0.839989
0.097223	0.043131
7.39911	10.09213
1.258275	0.976853
0.450517	0.26544
0.947672	0.668835
1.837886	1.349315
8.021673	6.234761
5.858689	3.520059
5.896041	4.876594
0.023124	0.179518
0.03048	0.118313
0.055584	0.277405
14.68813	11.92106
28.80608	54.14221
4.780753	3.488254
38.98132	32.94114
1.294703	1.076928
4.643657	4.837497
30.10089	24.86356
1.432637	0.59583
0.839012	1.359984
8.493138	5.948602
1.090454	0.933825
0	0.109682
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0.08546	0.154019
1.123511	3.002829
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6.955674	7.429139
0.60975	0.397794
2.020455	1.027037
0.397229	0.374468
3.036435	4.202294
1.448425	1.232812
11.45283	11.94509
1.806145	5.067396
0.78119	0.472575
29.50531	33.1682
21.15446	11.75757
9.447107	8.00676
4.460883	4.434769
0.171227	0.094951
0.135675	0.138897
0.34328	0.294192
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0.132053	0.061023
0	0.083693
5.875419	5.722207
11.25956	10.59977
2.127645	2.034214
0.964704	0.373461
10.51418	7.085082
0.080632	0
0.679974	0.754133
30.13299	35.94694
9.505377	7.503453
8.218106	9.878459
9.419872	9.454225
0.11004	0.108481
1.494154	1.269274
3.927356	3.394866
8.876885	9.560469
9.264469	5.841755
0.03272	0.435466
3.166801	5.560943
0	0
6.441224	8.162397
0.330249	0.21976
0.751917	0.774356
1.373576	0.869509
4.65152	5.360335
2.712892	2.681723
1.076173	1.262399
144.7238	155.3435
40.50824	46.45629
7.01238	5.21423
17.97493	17.95194
0.021314	0
3.886926	6.339467
0	0.084696
4.29939	5.063098
3.193747	4.015997
95.84977	104.9112
15.65328	19.48275
0.188618	0.034865
0.344654	0.163818
6.554348	4.052867
4.749145	3.110308
3.231081	5.560549

3.843596	3.12604
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9.781313	9.492063
0.171422	0.142588
6.458703	9.200691
3.515648	3.510684
10.88447	10.30355
3.807215	6.37425
0.138631	0.021964
0.181342	0.854756
0.894256	0.979977
3.17943	4.892415
7.860909	6.340528
5.43034	9.100784
2.382757	3.054947
0.070274	0
5.156152	5.151364
6.877185	5.495386
0.181364	0
7.433366	7.466952
8.504675	6.614791
0.901116	0.699575
4.360593	3.700645
0.481884	0.871978
3.076377	3.705737
24.47527	54.62447
7.691736	7.415492
1.538609	0.828547
36.82885	29.09011
30.4623	34.45793
2.882882	2.168278
0.078541	0.105773
0.069582	0.055122
0.207371	0.18399
0.092598	0.051348
0.027892	0.061867
1.392169	1.737001
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4.105912	2.991347
1.315141	1.068488
194.3972	262.0101
0.143886	0.039895
0.086112	0.023876
5.282692	6.887167
6.724057	7.10906
0.103327	0.028649
3.270665	3.895297
0.18234	0.101113
0.132069	0.211571
1.470886	1.537639
0.248223	0.412942
0.221423	0.261943
0	0.086288
27.62863	25.82704
0.850505	0.668859
3.801512	2.189993
7.855365	6.68744
0.030323	0.050446
0.194901	0.09607
64.12306	117.5196
1.832364	1.460029
8.800548	8.499144
0.089475	0.079387
9.180592	11.01641
16.29915	12.51101

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10.05857	14.21942
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0.17333	0.326797
0.079125	0.087755
2.525215	0.740659
13.32718	16.29156
19.60567	19.37155
0	0
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2.839693	2.581645
20.96134	24.49162
0.024177	0.008938
1.85758	2.956949
55.06915	42.18738
24.44251	24.28866
50.20707	34.63387
0.192577	0.170864
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2.969543	3.163401
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2.127517	2.232688
6.164742	5.699818
14.39598	14.94052
5.06996	5.117131
11.72092	10.83268
1.142578	1.221932
10.64565	6.823524
25.57763	33.94672
1.66623	0.945974
0.558335	0.371537
0.022198	0.012309
16.42849	12.16651
100.1648	154.8149
6.897365	17.35712
6.200884	7.593201
3.203269	1.567332
3.454566	2.391275
0.123153	0.078048
0.321879	0.337151
0.25853	0.044112
0.327693	0.314974
24.83185	22.49613
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7.130119	7.387927
4.19152	8.909914
4.76414	4.456151
85.12876	87.08529
7.059127	6.327795
35.50402	35.5707
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16.67909	13.14783
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7.532044	10.78411
19.303	17.37572
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0.318758	0.157121
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15.6454	15.13416
28.43823	30.99966
22.90829	21.36563
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3.084445	1.743523
16.03559	13.54366
17.54245	26.76727
1.75459	1.317568
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8.140984	9.801745
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7.20745	9.168674
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3.538205	4.989324
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4.741895	2.670399
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1.64343	1.121639
10.123	8.067238
3.83559	3.947866
10.26595	12.52957
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14.53539	5.008911
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105.4289	57.67886
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31.85367	17.95481
3.368117	2.451125
2.905348	2.463003
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13.73906	10.1583
3.600995	5.398243
0.127554	0.088416
6.569816	5.350649
1.40282	0.85838
0.423681	0.58736
0.725102	0.050261
0.028594	0.010571
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12.71133	14.36438
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0.136488	0.168193
10.29745	8.919848
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3.693809	2.235006
19.8837	14.40771
6.36568	7.5608
51.18898	45.98229
3.744235	1.121599
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0.040369	0.335784
2.243232	1.551582
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0.195512	0.286222
0.403162	0.335348
0.679558	0.867864
1.725115	1.396678
0.568052	0.428939
1.252	1.741371
21.46241	26.25526
0	0
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0.033095	0
1.785602	2.516684
21.18539	28.0211
14.96775	13.07609
4.193979	4.841489
1.02341	1.080975
0	0
0.076321	0.169289
0.342341	0.197432
0.035069	0.031115

0.116423	0.055337
23.61269	29.28912
1.388616	1.206645
21.01159	26.69056
4.183589	7.0472
6.553469	14.49261
0.013712	0.288937
3.486247	4.78035
3.482261	2.065175
0.061457	0.01704
18.11408	11.05108
0.060989	0.067641
7.470686	7.442858
15.82564	9.377708
7.423803	6.397485
5.512665	8.181165
5.372752	5.55562
0.986693	0.928499
28.06175	32.50592
7.993286	6.826555
20.15253	27.03449
4.459011	5.267836
2.481883	1.987142
0.021454	0.007931
3.165904	2.795939
0.071269	0.052694
4.659943	5.586173
3.527919	2.579376
5.301387	5.206775
2.099685	2.181294
1.018444	0.494163
10.23899	11.05943
5.991037	6.096944
0.233629	0.302293
27.06083	36.68404
3.349488	2.853386
0	0
1.14278	0.682453
0.057809	0.021371
9.602346	9.685021
0.03525	0.039094
3.059696	1.936999
0.255152	0
0.255178	0.500707
7.364227	7.828638
1.091089	0.743545
54.44603	72.2128
5.221848	8.588862
4.494505	3.593606
3.991031	9.416319
2.176918	0.93707
39.52169	57.93631
107.6095	79.57442
3.447155	2.724754
19.59396	24.29297
33.76598	33.05988
8.83356	8.399739
21.6793	21.5195
10.08632	13.19762
0.021454	0
0.06279	0.041783
4.032586	4.058274
0	0
10.07626	10.03389
5.716479	9.518523

0.05683	0.063028
8.24889	7.603966
3.910985	2.103697
7.810747	9.010362
4.563012	3.183652
19.74228	20.54437
16.77108	15.18699
8.407076	4.5089
64.81517	91.91989
80.31267	104.8457
5.214601	6.363575
0.137971	0.153018
18.36827	25.65303
64.85419	59.92625
1.975585	1.734577
108.2166	94.9501
19.62569	14.69719
0.021754	0.024127
0.785165	1.175574
3.643146	4.125534
4.075933	5.992235
45.44055	45.44022
2.839012	3.267627
2.617333	3.296731
1.072915	0.516113
2.431113	4.148081
1.312272	1.879879
0.054001	0.089521
0	0
184.0364	179.368
3.839384	5.518736
0.046647	0.206937
0.02679	0.029712
3.14658	1.686322
0.831637	1.311446
0.029921	0
0	0
4.652075	7.191193
34.3082	40.96442
0.170371	0.169062
1.522567	1.098943
0.472841	0.77056
15.15892	18.07176
2.866995	2.599773
5.233082	4.519778
2.604883	1.883372
2.489511	1.119049
3.567023	4.500719
0.059159	0
27.80347	34.3455
1.229997	1.798186
6.614837	6.011425
0.951483	1.020464
3.704864	2.342698
6.530174	7.948027
0.19813	0.819026
1.388121	1.329578
27.54507	31.44767
3.206199	1.709175
0.140309	0.155612
0.975612	0.821529
0.435479	1.345425
2.511567	1.650166
5.403812	4.056258
3.624578	2.695683

2.08368	1.258798
0.140893	0.052086
0	0.032603
3.562841	2.820752
9.786577	7.869501
15.23286	14.52343
4.46602	2.95313
0.074289	0.041195
16.75996	17.78327
0.121799	0.151967
14.4132	11.41493
0.027742	0.153839
0	0.032743
0.126167	0.041978
1.273109	1.155778
9.657298	10.41302
0.250592	0.229588
0.063354	0
7.475115	4.664911
1.055754	1.170896
0.133592	0
2.90547	2.68899
3.970248	3.835957
9.149937	6.376889
0.782138	0.846786
0.014925	0
0.076134	0.084437
0.186193	0.272204
0	0.087328
0.090308	0
1.982525	1.126184
0	0
1.403814	2.774141
0.581939	0.712172
5.034947	11.22199
120.6127	160.005
0.029664	0
5.811565	6.731841
1.528593	0.901757
6.29492	7.469195
16.85067	22.36699
1.445698	1.632257
0.85746	0.525539
9.688895	7.318107
60.61492	27.2921
6.667575	3.653875
0.625506	0.358823
4.907959	7.320199
29.34064	30.88032
0.019792	0.02195
0.012983	0
1.844474	1.040153
59.7158	65.93965
0.199316	0.233334
0.033588	0.149003
13.92083	15.94544
8.852152	7.565838
11.92087	16.82549
12.39238	13.05077
66.87126	43.24218
0	0.013194
2.225426	0.804223
13.22221	17.32542
5.907466	5.335451
2466.349	2355.441

0.04029	0.067026
0.050491	0
138.1713	103.9599
17.51518	11.31889
10.97186	11.51735
0.73968	0.49807
0.968328	0.16846
17.22771	43.21727
35.28651	30.37988
24.03106	28.90979
11.35186	12.77171
19.55202	19.51594
23.23024	28.96588
3.918359	4.985505
5.529413	2.913932
7.352499	6.497049
3.734388	2.392784
0.189752	0.252536
5.88927	18.34925
33.57087	27.72606
7.443165	5.402612
10.12241	8.597602
0.177391	0
4.999572	4.797654
8.911196	8.820861
5.176696	9.577035
0.239362	0.132734
11.2224	10.31432
9.347166	10.79366
8.900193	5.232743
8.154874	4.68765
0.963655	1.094198
4.264826	4.767293
17.99782	19.88629
2.047679	3.397834
0	0
0	0
31.55353	40.11597
11.25886	10.06632
7.7747	6.521535
1.503034	1.581472
9.58821	5.769969
130.2049	82.16154
0.605585	0.479736
43.60249	34.67862
17.70137	12.42377
71.79561	63.10596
10.71051	19.17734
30.70696	23.21993
0	0.222842
9.704708	13.47
0.609976	0.483215
57.45783	54.4716
0.139521	0.077369
3.291139	3.502097
9.812731	8.959024
0	0
4.067497	3.258693
6.557406	6.712057
0.10233	0.060528
0.068955	0.06118
7.489724	8.332198
3.166045	3.29015
77.95797	65.95768
2.993114	2.377512

0	0
2.182448	7.261403
2.772163	2.155682
0.774349	0.616574
3.134389	4.737036
7.023403	6.186995
8.25316	8.810383
14.1075	12.85599
0.114005	0.025288
5.561364	6.45506
3.622412	2.354381
77.07044	78.80983
9.88336	9.694273
65.46407	52.25248
1.70199	1.348293
13.2819	14.07484
9.196133	3.226825
0.442775	0.381939
0.264763	0.880914
0.019439	0.043117
4.603809	4.294686
0	0.037627
0.693155	0.604019
5.060833	5.145041
26.73976	17.00519
3.958231	2.807687
6.351778	5.960738
5.25171	5.332623
0.112578	0.124856
6.013049	7.785628
10.16424	10.7151
0.181691	0.07447
4.998081	3.56758
0.521739	0.878675
2.399003	2.285903
3.29702	3.388757
61.16915	62.88394
0.143346	0.019872
7.027758	8.639233
8.229741	7.456411
0.187356	0.367627
3.61195	2.538701
9.754162	9.207421
12.57567	11.52106
9.676762	10.75369
0.073505	0.190216
0	0
0.419339	0.519787
19.44947	29.44315
26.25002	24.1956
0.314793	0.18799
28.74899	34.2774
5.922065	5.182604
1.198796	0.892973
7.809962	3.638949
6.76155	3.678945
2.619667	2.344987
27.53481	28.34393
0.087446	0.161639
0.008271	0
7.920185	8.489152
0.036181	0.120381
4.204223	3.955808
0.387976	0.298812
2.742324	2.095602

4.27296	3.518473
5.082112	3.776091
0.165686	0.668201
0.35117	0.272628
11.91747	14.00924
7.312727	4.33752
3.475217	3.016352
14.80972	13.91771
3.79414	2.898798
12.6067	8.571757
0.078393	0
16.73615	8.737934
11.88452	13.24706
12.36017	12.08223
0.049849	0.027643
8.266817	6.12495
29.57267	28.29036
0.029183	0
18.07059	11.07345
0.725338	0.458086
8.211254	11.52619
21.62988	30.34083
18.33185	25.04439
8.43304	4.457741
38.81398	32.34971
24.56566	23.35269
8.654938	8.773146
14.03985	11.7456
29.93939	26.72214
1.333609	1.533833
4.230438	3.903435
0.572158	0.154352
0.020047	0.400209
4.82749	5.539882
0.070155	0
0.571067	0.382954
32.73042	38.92286
2.133317	3.100248
0.562656	0.792025
4.458242	5.204697
0	0
2.240461	1.753085
2.226313	1.965216
4.49568	3.89709
0.472282	0.161166
10.56977	7.067167
17.43782	15.717
0.214304	0.237676
1.864992	1.178501
0.436617	0.423705
9.133138	7.520168
5.975863	4.748342
6.315823	6.914104
1.510846	1.163078
45.22826	40.71174
3.155124	3.093735
3.981332	2.928519
46.94321	34.22247
4.358022	3.045648
1.424504	1.579862
2.396267	2.853659
74.98669	107.9979
0.089023	0.197463
0.32892	0.452342
1.439833	1.175712

10.38581	10.39474
19.7881	9.007899
5.502348	3.376911
5.356619	3.858618
0.029162	0.064686
12.16995	19.61001
0.812145	0.785427
3.068934	11.34545
11.02859	11.97251
1.381043	3.929043
5.354282	5.390729
37.16524	61.58686
0.860106	0.49462
3.487109	3.353775
0.104216	0
37.81591	29.62039
0.509048	0.16937
11.30951	8.959237
0.116736	0.036991
10.20455	6.387355
34.55407	31.78965
3.472236	1.528143
6.826857	7.554759
0	0
0.051354	0
3.413307	4.014005
0	0
0.210396	0.211119
0	0
0.136355	0.403269
0.05275	0.146258
0	0
34.48372	47.76079
1.986732	1.906924
36.21957	30.16797
7.956706	6.269123
0	0
2.663004	2.588402
0.399882	0.67691
0.354047	0.178481
0.18378	0.03397
32.59428	23.72373
15.90479	13.00229
28.23392	20.38816
4.116157	3.267946
7.975276	8.407734
0.006829	0.045441
1.581831	2.73177
43.39115	63.44908
5.536217	2.938862
0	0
10.61108	5.52349
34.98547	35.24881
15.04048	11.27235
3.115778	1.331511
0.751051	0.242947
3.236501	2.692108
41.33561	37.05664
28.55241	33.7241
8.694823	5.720976
11.15834	9.066376
5.570601	6.290466
1.542363	1.485499
1.225835	1.726965
1.929187	1.748198

0.313084	0.480778
0.409488	0.328865
25.72447	18.37647
13.61654	8.109438
13.46062	12.5236
1.859023	2.856669
1.590502	0.667446
7.824849	5.953106
57.72516	46.20568
0.045236	0.025085
0	0.349534
0	0.074281
6.648891	6.916327
1.206804	0.880539
0.244822	0.108609
35.37404	43.2332
0.233937	0.15567
10.48773	16.26179
8.374311	7.10416
0.572058	0.552052
18.84593	17.53386
46.71299	40.09074
17.65978	25.33421
43.52831	40.10008
5.184243	5.419518
0.638898	0.825055
13.34985	13.27178
1.768114	0.884033
47.03552	38.92725
0.040739	0
11.88065	6.293652
48.75151	51.83161
41.04371	44.10577
9.371605	8.356283
16.43559	18.21248
7.349583	10.09414
4.429067	10.55127
0.355569	0.228976
0.315013	0.341244
46.84885	43.1487
2.095231	2.125129
0.154637	0.171502
32.5858	37.7258
2.932371	3.496702
24.10432	31.07527
3.340226	1.909543
11.72663	8.848523
2.846989	0.891945
3.485662	2.438834
0.307276	0.236658
76.36672	81.76592
0.346854	0.480853
46.33928	28.66703
15.296	11.13275
2.192516	0.944046
2.361807	1.706571
0.021491	0.071504
1.512101	2.68322
3.158447	3.956991
15.30501	15.29179
0.063941	0
0.013977	0.09301
2.026034	2.140502
1.837584	0.238489
1.284113	1.15713

4.362015	2.882366
4.857322	10.47318
250.5279	189.8889
0.017323	0.019213
0.027387	0
39.64206	35.42541
3.582329	4.608705
118.9769	135.8291
51.02946	35.70038
3.466904	1.110178
106.6921	126.3565
0.15879	0.154094
4.830506	0.457023
20.84622	31.72103
2.73394	2.18442
0.114763	0.021213
8.750872	6.859196
0.873452	0.446757
4.412659	4.579095
0.062987	0.17963
2.967947	3.016591
16.76346	11.39985
4.453217	6.620975
0.328589	0.109328
0.099022	0.109822
6.752338	7.469552
0.540247	0.714392
29.83029	20.77171
35.93819	53.81684
10.64056	12.70445
1.692805	1.039804
0.040833	0.045287
1.111889	0.822102
0.342004	0.116709
0.019716	0.043733
12.30541	10.80572
4.285291	1.510532
33.15943	24.18055
56.15576	47.3582
0.025924	0
16.9593	11.18367
0.178822	0.198324
3.639681	2.220145
11.79468	16.39189
0	0.090128
1.968865	0.666745
10.78274	6.140965
1.372485	0.480685
16.8046	10.85315
7.074323	5.826458
14.87517	18.57449
106.0931	98.88172
25.77799	14.22699
0.02388	0
0.173913	0.137771
17.20048	11.61171
0.814749	0.836672
0.890975	0.468069
1.049027	1.378886
6.249114	2.895554
0.275534	0.254653
0.538821	1.466801
0.570574	0.773424
0.500345	0.881332
1.652369	1.312698

1.877357	0.89233
17.73412	15.91894
0	0
184.3266	161.9632
22.36651	17.30586
14.83065	10.21923
1.651679	2.192169
1.225399	1.560382
10.67857	13.31048
0.319541	0.496147
16.91054	29.08195
63.98727	66.95612
42.46187	43.83921
8.875266	7.138545
0.636322	1.134193
4.237907	2.838445
129.5457	100.0219
7.350871	4.044185
39.23827	60.08298
11.3328	12.40819
1.074426	1.051415
6.320134	2.959892
2.661577	1.655244
2.715743	1.268179
0.559846	1.179716
0.11268	0
0.038889	0.064696
0	0
0.043116	0.047818
16.03007	14.37677
10.04454	9.162249
17.99253	29.07344
15.45287	12.72637
5.661762	6.505292
250.7787	236.8554
50.91019	54.20341
0.05451	0
0.621196	0.725204
29.81098	41.34466
23.1119	20.74344
28.9786	28.71052
37.4875	40.8119
27.92061	44.24967
4.876948	3.056647
8.855569	10.41361
0.065798	0.131353
61.90144	71.69638
4.042663	3.462358
0.876779	0.577363
2.099213	4.222247
3.117847	3.15838
0.181806	0.158427
56.05903	60.91011
7.556733	4.154926
2.604156	1.479305
22.83439	20.48103
35.10626	58.9535
16.00554	12.45953
14.63694	14.01518
12.45912	8.517578
8.278251	8.665953
6.401939	3.314028
0	0
13.53867	13.90487
1.083652	0.282785

2.818699	1.0746
25.57695	16.29035
4.23361	7.738228
5.948886	8.987902
4.90671	4.687526
0.080009	0
3.948248	4.773247
10.57853	9.287225
6.263451	7.041447
0.177246	0.084247
0.389763	0.76283
4.457611	3.958949
22.05851	12.37207
49.31743	38.90208
5.526596	5.536905
12.62438	11.23654
13.51418	9.910576
28.55077	16.72998
0.651211	0.166669
12.21976	7.447145
0.983614	0.363629
0.1047	0
0.033835	0
4.089733	1.248978
8.492097	6.693231
7.853058	9.768135
35.10827	21.74085
7.600274	6.493178
0.297591	0.434272
0	0
4.837264	4.518755
12.8203	22.00481
5.387019	8.928647
72.96238	73.87718
0.426714	0.89392
38.22976	38.51524
12.35173	7.184697
28.30844	29.26989
79.5661	74.10014
6.892433	9.168887
12.76028	6.360796
69.58983	76.68009
1.459262	0.978032
14.73838	18.89845
0.391548	0.53988
9.017157	9.036979
14.03334	11.01902
4.524924	7.442278
19.01103	15.37825
0.638316	1.203484
18.97659	12.80198
3.841938	4.553679
35.75228	36.55671
5.099484	8.765744
22.53812	18.88742
0	0.018933
13.44149	9.602851
23.32119	22.98126
6.580099	5.708447
24.96671	20.02586
0.122701	0.204125
23.24494	11.35391
24.1897	50.86112
7.69136	10.68843
0.126773	0.03515

0.12252	0
48.90187	35.75241
0.053569	0
0.107324	0.148786
88.8492	76.89804
0.02025	0
0.045585	0.050557
29.43519	32.17604
10.91293	13.05113
40.54581	44.57158
83.04504	58.81329
22.74128	17.56074
21.08132	17.09977
1.354464	0.872235
22.03563	16.79346
35.56016	30.02052
5.167103	6.57147
2.830588	1.650709
57.37713	52.02968
8.079504	4.392481
64.79063	54.55281
4.548849	3.018018
14.09859	8.734025
14.36945	4.476948
4.703325	4.900639
22.97589	24.51313
50.31355	43.72162
2798.502	2355.597
19.46191	20.19867
14.20163	11.57459
0.36859	0.295236
1.381645	1.118185
0	0
21.00057	34.60944
2.67666	1.274553
24.75875	19.1921
0	0.011631
0.400561	0.277654
0.435087	0.530792
0.345976	0.27906
37.72173	28.21775
0.13736	0.121873
28.3846	24.44241
211.3805	243.8849
17.39917	19.0062
4.548083	5.007193
3.490722	2.659756
38.54202	40.34484
0.865658	0.560039
6.810998	5.903236
0.638873	0.064414
7.552487	4.112623
1.955492	2.34949
1.044152	0.356316
12.77184	8.954366
2.062836	0.746025
0.41709	0.17622
8.427249	11.6886
0.229291	0.141276
0.238209	0.232486
27.96661	9.931996
22.24074	32.40238
5.230646	4.761703
15.30119	10.23465
2.53181	1.372057

30.58075	85.13587
4.47704	7.393281
8.318673	5.783008
0.18194	0.151337
0	0.084282
0.030183	0.2678
0.104435	0
0.322809	0
14.87288	15.52971
8.57485	6.987805
0.058702	0.021701
11.40168	5.825608
0.024736	0.219468
3.294998	2.964853
0	0
0.625736	0.231326
4.865654	1.230737
21.19552	23.56257
0.551496	0.836985
31.58506	29.84485
1.745414	2.972791
0.560773	0.50791
37.60579	21.46369
16.6918	13.11474
6.975369	4.623622
2.302185	2.602483
1.413012	0.807302
23.82469	20.90522
6.559358	9.406791
7.130517	1.496142
22.71536	20.30677
1.462648	1.342482
19.89999	20.16666
0.022001	0
19.37825	16.27427
0.401424	0.247335
0.051999	0
2.555799	0.919717
3.132062	2.028856
4.621113	4.95977
1.536804	0.83671
0.052108	0.028896
0.267616	0.0371
3.772368	1.084685
0	0
1.158793	1.623375
19.61014	15.02647
2.828738	1.612022
5.162121	7.17599
15.61467	19.65412
0	0
12.22113	15.18638
17.59943	26.02512
1.232772	0.403951
7.631721	7.515381
16.78176	16.67585
2.010911	0.896072
0.019635	0
0.766218	0.231759
0.375309	0.683824
1.384103	0.146196
1.17053	0.054091
23.87293	21.52615
24.33899	20.14458
2.878763	2.271544

4.325026	3.492347
0.468934	0.346718
8.892239	6.65296
7.980377	5.547111
19.83664	12.42903
2.92613	6.02444
4.7178	2.35321
9.063981	6.367098
7.166819	6.609531
3.22873	2.132861
3.624515	3.431133
2.467296	0.224294
6.241539	7.741986
0.351966	0.312282
78.17017	62.84592
6.006347	8.645653
13.00675	9.203624
12.03007	14.35087
9.50555	16.79752
16.7157	10.939
0.20934	0.048369
1011.099	977.2378
0.08259	0.068698
6.46954	4.970919
6.950126	7.738401
3.446752	1.056261
9.01165	4.897951
32.84263	20.24768
7.40616	6.734754
19.58769	31.0945
0.024492	0
0.123975	0.164996
11.65453	12.76108
3.654298	3.089788
0.735775	0.277794
17.13138	20.40241
4.779455	2.926875
0.023545	0
16.49589	15.91804
45.0869	67.21866
0.867598	1.102768
0.247728	0.137373
6.61343	5.192966
0.104817	0.077499
0.25035	0.57514
9.722963	8.988307
17.91693	20.10105
8.179893	12.91414
1.33513	0.648285
8.987908	17.53238
1.600452	1.419999
7.225712	7.33699
0.869752	0.618338
46.35018	33.10976
33.79379	54.05925
13.33509	8.513469
9.599609	8.501584
0	0
7.294733	6.15829
1.730645	1.519518
0.053523	0
37.97466	29.44407
0.204233	0.135904
0.145549	0.115302
1.052935	0.724822

7.547453	13.84474
37.14412	54.28346
0.028106	0.031172
10.44991	9.511455
0.113416	0
0.251364	0.123901
20.36862	15.46938
17.87523	22.8259
6.385144	8.433256
62.39927	76.36468
34.50286	25.70467
0.453852	0.251674
7.473808	4.098147
0.356629	0.494404
9.435293	4.274157
142.903	136.4928
0.577797	0.058256
0.054391	0
1.500805	0.515198
6.71721	3.987214
23.52565	18.15806
8.547617	5.541471
0.716811	0.305764
0.021321	0
0.031468	0
0	0
1.701548	1.125014
2.330102	2.780495
16.02962	18.93532
7.599435	6.445122
13.57956	26.38183
56.5768	83.78104
0.932761	1.853458
2.6389	1.428783
0.035207	0.078093
0.219582	0.030441
0	0.017844
4.869205	9.636124
0	0.290173
8.767723	8.854318
0.075854	0.063095
0.356442	0.790631
8.806756	4.0986
2.915499	4.041833
0.020336	0.022554
7.843326	10.20271
0.017856	0
0	0
3.065318	6.972378
0	0.022477
7.871771	14.25608
0.239232	0.279287
0.021491	0.047669
0.043493	0.168829
1.034254	0.912958
3.735553	5.058474
0	0
8.724882	10.31576
3.010797	3.591992
0	0
25.0766	30.99935
31.90663	28.18916
0.812352	0.44128
0.028757	0.079734
17.93487	16.62042

1.078098	0.683244
0.119112	0.049538
77.46428	58.99216
0.03872	0.021471
21.34093	43.55392
11.14206	13.44812
17.00169	26.21653
35.32209	30.93458
0	0
4.381448	2.876353
0.187291	0.173097
0	0.015551
6.520753	3.719269
4.451661	1.878744
14.09212	14.43482
9.766147	7.123256
11.65958	10.90308
0.561434	0.214712
0	0.037813
0.489538	0.224659
20.93442	7.94517
0.584865	0.328538
6.782601	6.264405
0.170744	0.106518
11.76977	6.819235
5.329476	6.929226
0	0
9.444985	5.815201
0	0.74041
0	0
0.1999	0.420664
11.5909	17.47536
3.367178	3.398578
5.748069	6.611068
0.527651	0.260087
0.173105	0.511956
7.245951	7.816031
2.328258	1.251966
3.956917	2.759754
9.536087	9.055503
0.118486	0.065704
25.62316	28.41764
0	0
0	0
0.031839	0.070624
0.029019	0
12.61281	10.63716
15.18358	17.12985
0.19315	0.190413
12.79322	10.41089
0.373899	0.414677
0.409621	0.292047
10.67509	9.859503
2.873374	3.278233
0.749163	0.571221
0.706618	0.36007
0.246272	0.399941
0	0
0.532239	1.00092
0.15433	0.735993
9.086748	3.725241
36.33656	37.62492
2.283656	2.479948
8.264408	11.83715
0.244223	0.240763

8.380033	5.380718
10.84131	14.13104
0.371251	0.238376
0.024731	0.06857
0.02177	0.072431
1.049511	0.704509
0.922368	1.05493
0.746142	1.001731
1.007592	0.3991
8.064019	6.354584
5.730084	10.37255
4.663681	7.10831
4.974806	1.088953
0	0
5.695812	5.725663
0.090243	0.66723
6.847938	6.133552
10.70177	14.5664
24.42464	22.00933
4.707906	4.265331
220.5867	239.4326
0.076344	0
11.50007	9.238435
1.074853	0.439186
0	0.031129
0.075808	0.224202
1.325414	0.991784
5.983096	4.786348
1.341732	0.736199
0.85654	0.542831
0.226182	0.104521
0	0.040529
0.167501	0.412819
0.038756	0.257896
0.024492	0.016298
0.339468	0.475567
8.835965	16.79935
0	0.042089
8.634803	8.127592
5.493204	4.455399
0.014772	0.032766
0.072616	0
9.135467	8.37525
0.215164	0.185601
0.075587	0.033532
0.22414	0.497171
4.552439	5.215016
2.01995	2.004432
0	0
0.316232	0.116907
3.731725	2.610998
14.78259	16.97544
21.84027	21.4627
13.47431	17.3602
15.83746	7.759847
34.73759	35.87234
6.912423	9.513599
3.736106	4.143569
57.27881	89.95608
6.109674	8.211064
0	0
0.625246	0.25426
0	0.119338
0	0
0.100837	0.271598

0.026635	0.05908
14.68527	13.70948
31.85794	32.36579
19.11206	13.49002
0.160431	0
0.708889	0.524134
1.788084	1.983094
0.208976	0.208591
0.054904	0.030446
2.341022	1.187685
0.057944	0
3.062894	3.067068
0.867201	1.03976
1.290819	1.731233
1.422499	2.385697
3.026798	3.828535
14.78929	13.4519
3.267731	2.472077
0.147606	0.153473
29.24874	26.68253
23.87214	12.81979
1.676578	1.74074
22.91255	19.19535
9.209897	7.546791
0	0.318296
0.672152	0.220876
0.299673	0.151071
0.259923	0.493262
15.96231	22.84591
0.044127	0.293638
8.378654	9.998192
2.067796	4.616024
2.275436	2.253211
3.11025	4.861259
0	0
75.11133	60.22792
0.64426	0.772457
3.796308	4.937576
0.999704	0.816961
0	0
0.010514	0.040813
91.65364	112.9947
0.678545	0.776824
3.131861	2.552356
0.480983	0.222266
0	0.074121
5.224317	3.999226
68.44915	72.06758
0.688117	0.260169
0.870261	1.227147
0.14422	0.079975
37.42899	37.70205
1.022819	0.457727
0	0.38603
3.386898	2.677125
13.12498	14.68298
75.447	84.26306
1.07474	1.28364
229.9236	267.5859
1.144107	1.268885
21.45279	24.15233
11.06146	15.18189
4.241492	7.300386
1.731216	0.707377
11.1438	8.354833

0.014609	0.129615
0.061223	0.354589
0.033043	0
0.092254	0.13642
4.266093	7.266012
0.75179	2.419999
6.208689	13.05785
2.599047	2.472806
3.238031	2.294775
0.091845	0
18.80783	14.79018
7.760861	5.234149
22.5313	15.91487
2.058254	1.505096
34.49434	34.34798
15.01727	15.14879
12.83937	9.509692
1.969717	2.010032
4.979916	7.549231
1.595311	2.130378
8.491972	7.328352
16.84964	21.69129
3.190956	1.395363
26.05141	24.07948
0	0.039303
0.165045	0.665618
1.015155	0.540417
0.351892	0.121959
0.455134	0.283164
12.98438	21.72647
3.157153	1.971154
0.780137	0.545754
25.92261	25.67624
0	0
9.959553	13.60035
8.657782	14.93492
0.08438	0.037433
10.28412	12.52316
8.245914	8.083107
2.69345	2.364337
0.062905	0.069765
0.515309	0.138548
1.588771	1.887904
0.070875	0.340622
6.054202	6.529252
4.194295	3.497249
15.52172	10.43439
10.70389	13.5901
0.320862	0.203346
0.09611	0.266479
2.58471	2.418694
33.86557	34.77684
3.690271	4.149447
18.53259	22.37176
0.142041	0.165823
1.32259	0.940987
3.039365	2.71992
0.060514	0
31.56726	33.28633
1.618625	1.218728
9.923034	11.34961
0.160018	0.283951
1.630135	2.358155
0.127799	0.244817
9.493801	8.172376

177.0615	173.8564
20.60812	10.22682
0.275615	0.142648
2.276352	1.276178
1.843866	1.424767
35.55167	34.03269
5.923582	5.556542
4.532696	2.059859
7.769744	6.462839
9.165646	5.925478
5.117505	4.851743
0.235401	0.783221
5.898408	5.246983
12.3588	21.20497
29.47509	29.98394
1.03889	1.435358
0.94587	2.433743
2.152737	4.503724
0	0.096305
0.513964	0.798025
1.483371	1.861616
0.339582	0.690464
2.888378	4.525887
0	0
0	0
16.82276	14.36222
13.30909	8.605422
0.032236	0.303891
7.515538	10.8191
13.04178	12.72634
3.6416	2.378083
0.08757	0
0.06184	0.034292
0.624774	0.606298
19.30237	19.44381
12.00193	13.65993
0.012138	0.094234
0.05967	0.363979
14.38184	13.94646
4.628948	8.02065
0.018326	0
25.53418	37.5767
22.55605	25.91252
4.279715	3.256029
0	0.073566
0.160283	0.076185
1.996902	2.975456
3.416823	2.040481
0	0
0.047	0.156377
1.059129	0.958613
37.40281	29.68616
0.020954	0.023239
1.62941	1.079575
1.061479	1.127301
0.961411	0.897906
11.32448	12.38011
2.248299	2.383169
16.25244	12.53909
16.29948	12.78522
2.155747	1.429973
4.094403	4.053497
13.44686	15.77932
9.020312	9.140214
3.543812	2.568317

37.24524	36.18682
5.161847	1.926102
0.237767	0.29666
16.68414	12.18415
0.015421	0.085517
3.091097	3.050411
77.94457	88.53189
7.232791	12.26125
0.610524	0.413788
8.630789	7.718432
0.871282	0.644203
46.86531	44.70072
64.0579	50.73278
29.14315	30.67746
283.6091	216.0346
13.12442	8.919702
5.761391	5.149532
4.982787	3.845639
62.70248	107.026
8.153907	11.2399
7.936402	5.029687
5.982807	4.82655
1.757469	0.965946
29.3947	29.67483
12.681	13.14813
3.253312	1.936991
2.885788	1.506125
14.37022	8.398764
26.40463	20.12816
5.036816	3.536385
4.574658	2.571538
0	0
0.048543	0.21535
1.107767	0.556701
1.910738	1.448516
3.054032	0.822304
4.901596	5.789741
0.424499	0.488232
8.149906	8.682886
11.04407	13.50003
0	0.022397
36.81612	34.49075
2.622578	3.814206
126.8158	211.4824
0	0
0.297383	0
2.184759	1.431791
3.839966	4.407317
16.53463	16.02748
30.67417	42.88389
0	0
25.99385	27.93564
0.312137	0.660887
25.31731	26.7499
15.95951	17.17039
6.685578	5.997566
59.83299	64.96325
40.16803	28.73672
0.626511	0.401367
86.70954	83.89145
1.730645	1.583497
7.008788	4.565568
1.970296	1.33446
1.830944	2.549736
4.158113	3.322879

26.35976	30.70981
5.35613	5.858528
1.431856	0.676377
6.161479	6.02794
4.904501	2.64099
1.990572	1.850234
10.05659	6.597187
16.92714	13.53739
2.402704	1.162282
0.147896	0.459273
38.83117	43.01846
11.3675	16.58417
24.03966	23.8799
4.454143	3.021224
0.031247	0.127066
171.6674	144.0225
22.86232	18.89249
0.151247	0
0.044667	0.321998
51.50133	66.40189
101.9042	122.1626
0.051977	0.547637
1.439352	1.511818
0	0.078248
2.14425	2.538426
3.067371	2.657736
0.266643	1.683351
0.547975	0.424003
0.024909	0.096691
0.983879	1.136648
0.058517	0.129799
16.82393	24.34714
0.309095	0.319952
5.210088	3.250297
10.19066	9.874225
10.1272	12.80395
0.018493	0.054693
4.361225	3.627648
16.35699	26.27181
10.52201	9.799305
31.41082	32.69743
9.243189	11.25661
3.026912	2.088385
1.672693	1.085069
2.801566	3.705371
0.022801	0.025288
14.82888	13.79493
1.485254	1.520527
2.265836	1.901245
29.46496	29.95523
0	0.03506
0.675105	0.530002
0	0
4.08161	6.717545
0.177174	0.168426
2.97303	3.144158
2.938965	4.231814
6.254519	9.941524
5.965077	9.367939
0.036213	0.080324
6.629699	6.789208
2.341429	5.669652
18.40005	11.05859
0.043723	0.060615
14.08912	13.11107

21.37033	26.89106
6.237605	6.123778
8.502044	7.706962
0.084106	0.037311
27.87574	30.41992
65.96732	125.1128
0.888449	0.289807
0	0
0	0.031746
7.403888	8.663825
0.020224	0
3.14692	3.325885
7.781885	5.2853
10.66835	10.20195
0.867915	0.429719
0	0.036783
15.50489	12.5174
0.063096	0.034989
0.037812	0.062903
48.22012	80.37313
3.661743	5.113973
3.857804	3.688829
0	0
0.125653	0.225114
0.59117	0.718085
9.008485	7.791244
0.035297	0
1.561443	2.143023
7.525149	6.821314
0.035478	0.026232
6.711282	3.337767
7.25387	13.40831
6.281098	8.777685
0.590916	0.384177
3.074128	7.692995
28.8372	40.28671
8.026006	8.03239
13.93787	8.380196
0.058545	0.032465
13.38962	11.49212
0.080354	1.455586
0.025508	0.141451
0	0.026866
0.246866	0.189547
0	0
0	0
13.49223	12.03057
3.336842	0.942323
0.094071	0.104331
18.82497	23.24159
0.450109	0.623998
0.462726	0.935819
0.838559	1.041614
0.050467	0.027985
3.121905	4.198139
0.148818	0.594174
0.249512	0.046121
0.026125	0
31.71157	26.96492
0.203898	0.395736
0.430495	0.442078
4.040956	4.538636
22.67177	19.77373
0.201909	0.410536
4.900619	3.129291

5.909017	2.644789
4.244358	4.084805
1.555325	1.383068
0.021387	0
0	0
0	0
0	0.031442
0.033184	0
10.2228	16.35292
0.058559	0.048709
6.857578	6.562786
31.7333	57.81098
0.077852	0
9.217731	8.871506
20.89061	11.16744
246.7352	252.34
0.574347	0.305753
3.820731	4.637181
4.514993	3.075613
1.138494	0.761055
0.100688	0.027917
7.496914	12.0361
9.526266	10.19666
104.1551	87.71368
30.56757	15.70884
0.748464	0.632451
0.259158	0.164241
6.455065	3.934751
0	0.037917
23.17514	14.77627
0.061526	0.075818
4.17928	4.716871
15.7373	11.16554
1.796879	2.307508
40.01425	41.18911
106.1345	59.29674
9.781427	10.23001
7.360395	5.073016
4.233509	3.681479
0.608695	0.540064
0.216708	0.180257
0.289787	0.180783
1.054612	1.769438
1.087578	0.79934
40.99246	72.07059
0.125456	0.216438
0.031946	0.017715
19.44553	19.93474
0.274805	0.294266
2.295817	1.955778
0.440639	0.268303
57.69001	40.44049
8.480905	8.112729
28.18344	23.13633
0.344633	2.499121
0.32515	0.7767
6.117815	3.816579
0.429667	0.571832
0.21321	0.094585
0.55513	0.324038
0.368775	0.359914
6.200195	4.945352
48.24196	51.51962
0	0
7.248723	7.689741

0.180936	0.745342
1.192408	1.757232
0.976323	0.280726
0.128014	0.081129
0.008896	0.059199
0.004699	0
18.09051	15.60877
6.321132	10.31355
27.91179	30.10777
3.798565	3.583335
0	0
31.30477	27.15274
2.89284	2.436519
2.85293	1.937995
1.729975	1.35016
0.189482	0.105073
0.731417	1.228368
0.121263	0.134489
0.087354	0.121101
1.103641	0.517848
1.608959	1.508896
0.28334	0.510642
62.50992	58.40752
9.288311	9.948787
29.12096	27.79492
12.26891	14.33878
53.42729	40.88314
0.461803	0.056908
0.511705	0.189171
11.38067	17.56782
37.18459	35.41394
8.107222	4.865211
68.08562	71.51932
0	0.149854
125.8537	137.3883
0.307035	0.291875
4.212336	4.617203
2.54014	3.196404
5.025365	6.287979
10.98821	16.2791
0	0
4.052496	2.308299
10.07756	11.42929
9.092381	9.018644
0.523083	0.614256
2.08081	0.966758
3.832348	3.886898
1.72204	2.265168
8.259469	11.59422
22.34446	15.89034
8.161256	7.634107
1.348542	1.256317
9.772126	5.45531
4.648268	7.469138
12.20907	9.369327
5.577818	3.391711
120.0542	160.1343
0.419506	0.54985
16.3894	16.32351
0.070795	0.047109
2.977193	2.51769
0.531566	0.353723
1.035373	1.725718
6.164022	5.482231
1.809454	1.605436

8.973031	8.165139
6.284869	8.580864
3.54998	2.233841
0.073129	0
0	0
1.751345	1.961391
0.067707	0
0.033362	0
0.357017	0.320533
0	0
0.97241	0.849697
2.28041	1.896835
2.708687	2.807324
2.48303	1.420137
2.8634	1.200564
0.974069	0.384765
10.85186	6.905544
203.5023	275.0113
1.274731	0.83162
0.075464	0.206446
0.119112	0.046236
16.72637	11.44752
5.970696	7.40908
5.143292	3.92505
0.097239	0.647062
0	0
0.028717	0.063699
1.48426	1.83249
11.94232	6.65897
101.6012	84.25347
0.087017	0
0.085891	0.027217
0	0
5.19368	3.426825
1.054852	0.723025
0.026854	0
0.610941	0.642281
2.248272	2.033137
0.060959	0
0	0
14.0954	14.20952
32.82362	10.27733
5.260303	4.252027
10.38628	4.940379
39.59314	25.06182
0.49769	0.397742
4.716969	5.269177
5.216912	4.870124
0.650911	0.844067
26.99825	27.01901
0.074445	0.041282
17.2078	29.28032
0.341254	0.496744
4.708913	4.19609
124.3301	147.6589
6.232012	7.242779
154.4885	162.2315
4.702477	5.493646
8.661987	7.669842
24.15225	22.56153
0.066261	0.024496
7.923013	2.501115
7.934588	9.16427
5.791227	3.834253
0.223013	0.098934

1.191309	1.924128
56.25583	59.00366
4.818058	4.324856
1.517659	1.632478
0	0.045094
0.05913	0.02186
2.42333	3.189526
5.003914	7.367299
18.22139	16.29089
6.119398	5.91533
6.281645	5.156475
0.067988	0.045242
3.946116	4.684377
26.20866	32.91775
11.01732	10.93038
3.876497	2.582355
5.971716	4.374897
0.104114	0.269428
1.829585	1.97963
0.049989	0.055441
37.16293	36.93869
1.279012	0.2837
0.017396	0
0.215113	0.089465
2.199156	1.916355
5.081463	4.153978
0	0.019117
13.40005	16.08813
12.41738	19.25876
5.113865	7.542626
5.628823	6.843657
0.630324	0.455914
0	0.085326
6.814414	7.5576
148.8088	197.621
17.95763	18.66118
0.322149	0.259842
0.282396	0.313195
6.060225	7.018077
24.86152	23.32866
0.428185	0.518055
6.124887	8.26899
17.8735	21.8545
82.16805	81.73369
4.741586	5.10404
1.175623	0.826194
0.395458	0.146196
0.368286	0.102113
0	0.339788
0.086446	0.212293
1.275501	0.956941
3.585164	4.441602
0.050395	0.111783
3.077522	12.27485
1.628098	2.673765
0	0.075752
15.15549	17.53044
4.589175	9.939619
0.081515	0.150674
0.300663	0
1.969955	0.960468
107.1439	116.6977
1.048643	2.606744
4.192649	5.201107
0.19827	0.125654

136.4262	140.8086
23.94942	22.34428
3.386557	1.919681
7.32518	5.840835
0.20405	0.699485
0.225167	0.170864
7.013826	6.697098
15.87122	14.45565
2.711721	3.62289
17.82373	22.57705
56.9607	65.50142
2.863951	2.814231
63.07888	70.67019
11.14094	17.07022
28.71124	34.81035
43.49302	53.74148
0	0
0.176312	0.223475
0.465162	0.24437
6.472796	5.842218
0.025352	0.028117
16.06228	21.04406
3.691326	2.281849
11.02622	8.22869
65.15736	58.14131
0.698638	0.367026
5.068765	3.443515
63.36526	99.26037
26.35459	37.10254
11.31017	5.776689
0.650019	0.46822
5.992274	6.176431
15.08569	14.41773
6.172129	8.467142
0.045023	0
11.42571	8.344267
0	0
33.22	25.64003
51.13739	30.82185
69.4055	43.99208
0.031929	0
1.70543	1.073512
0.22095	0.122523
0.60313	0.196738
1.765341	2.566142
1.285574	1.168672
25.71573	21.91561
108.3905	79.19035
0.639412	0.070915
8.173648	10.05657
0.025645	0.028442
5.994118	3.761481
0	0.046494
4.159925	4.61361
1.378021	0.577629
0.037211	0
10.07068	10.44171
38.14013	25.22646
0	0
6.32767	7.485623
4.204653	3.246083
7.944095	5.794992
0.145942	0.110745
46.68796	46.35939
52.84648	43.94033

7.75195	5.494421
12.73891	9.748281
105.3949	138.0285
0.260089	0.123623
0.676933	0.288754
6.020473	4.29527
21.83172	23.51127
0.097621	0.108268
8.911641	6.670717
20.62064	15.80078
0.638754	0.08501
0	0
1.549951	1.302929
0	0.040374
0	0.01944
0.214999	0
0.149202	0.47574
2.498599	2.260632
1.120702	0.9391
1.34911	0.879237
6.919607	6.255052
9.861772	13.32954
26.37568	24.63674
1.279506	2.171318
0	0.012241
15.71405	23.6216
8.283318	4.818103
4.740982	6.768968
13.06801	12.79671
8.229441	8.282465
0	0
15.27752	14.88532
1.164857	0.66748
0.015151	0.016803
10.67767	9.718025
64.29966	53.86483
18.21977	14.46866
0.047214	0
41.66991	57.78592
0.591408	0.910983
0	0.088735
37.51939	34.49421
1.747034	0.670696
5.011666	4.666695
2.511511	2.094462
20.99365	20.89615
17.15153	17.72202
1.308152	0.892812
6.884334	4.467624
0.082783	0
69.86806	60.09314
0.427785	0.966451
0	0.270917
0.982976	0.383036
0.031152	0.017275
19.84006	21.52939
432.9007	394.8162
7.825755	16.80403
4.817959	4.523937
11.59069	8.223278
11.59585	14.51581
11.43161	12.81616
9.694531	4.679035
38.69982	42.73506
1.237708	0.319231

4.177369	3.13214
21.11799	9.680736
1.117158	1.501813
62.90093	89.36279
5.303504	7.695129
8.179385	14.54821
36.63063	38.09593
0	0.060829
0.078442	0.043499
15.88646	16.36055
2.624282	3.261754
134.1576	189.2734
24.5632	21.90318
13.33733	8.836434
0.06703	0.055756
4.852768	5.487545
0.010244	0.034083
13.81835	12.16267
6.494318	14.63861
1.380335	1.343421
1.084009	1.852982
14.2954	14.74421
3.402021	4.900626
0.197101	0.337832
11.55808	10.16765
0.84594	1.620526
0.04357	0.072482
13.37669	5.484861
0.316447	0.070192
14.20517	12.93111
2.684017	1.825358
21.97246	16.18505
0.403735	0.265862
2.49508	2.445429
0.185127	0.179652
14.39979	14.54201
0.389166	0.398408
20.83762	18.75628
14.02925	14.4493
6.235801	6.749543
10.92307	10.87589
2.025966	0.824819
11.81257	10.21285
5.953265	5.897087
0.51077	0.262257
7.00981	6.959855
1.116549	0.825547
0	0.06533
0.055934	0
2.685112	3.689665
4.154253	2.419811
4.201243	3.930533
0	0
5.928918	3.883673
0.124995	0.613921
9.583817	6.960893
1.048128	1.162438
0.339803	0.21535
0	0.074441
3.083288	2.819047
1.968387	1.669399
291.5349	309.2373
0.154676	0.137236
0.776895	0.682119
0.797807	0.569677

0.665019	0.512185
2.698395	1.469936
181.3856	209.5019
6.311142	5.029901
1.108223	0.468224
1.053131	0.141574
0.788603	0.857346
9.259229	12.32286
12.75818	11.04831
13.43299	15.94189
0.702113	0.889927
6.775106	10.58555
0.496426	0.177301
8.436795	16.6729
6.910247	8.691967
4.347468	5.282804
3.117199	4.455107
31.26488	28.80705
9.423291	11.19533
24.16977	31.98251
1.160867	0.855434
44.8861	45.57374
3.681673	2.154036
251.0771	319.4207
0	0.104807
0.015026	0.016665
0	0.031894
16.28596	22.91967
0.096209	0.142269
6.255138	5.048452
18.00839	17.79918
1.495077	1.749524
0.084789	0
1.031949	0.525121
35.16722	32.73431
0	0.105288
18.95664	17.30046
0	0.035024
1.123477	1.836217
4.982086	5.700293
2.056296	0.993146
8.616591	6.435176
63.84075	66.79628
0.079142	0
58.88742	43.06031
0.082198	0.151938
212.9015	296.417
0	0.047885
32.74696	30.22888
0.222215	0.39432
1.066039	1.204196
3.303395	3.081237
0.10595	0.156674
0.658523	0.599255
163.273	202.6867
0.25035	0.246803
4.230062	4.368438
6.281063	4.343051
2.776956	2.804251
2.387957	1.544894
17.40779	15.46278
8.940638	11.82527
8.697179	6.413087
2.221036	2.661458
0	0.110645

0.115672	0.064144
12.05337	16.11868
1.893501	1.105267
0.587689	0.407364
0.256365	0.116314
0	0
3.202485	3.609037
4.498352	3.948471
17.11118	22.67705
1.614259	2.306748
48.72381	42.0103
0.09126	0
34.31756	31.51515
0.122896	0.081779
2.608271	3.482404
6.286759	8.704106
10.49106	8.790722
3.574426	1.066019
0.105125	0
1.291588	0.35183
10.34155	8.011927
0.497953	0.203464
0.894672	0.730143
0.106222	0.589035
136.6963	152.7361
6.919866	7.324002
1.95455	1.482009
2.23197	1.84145
6.816872	5.180467
19.78454	25.93723
10.34781	9.233102
54.95478	56.11896
16.30525	12.99432
0.842974	0.121945
10.61615	11.31639
0	0.028883
1.907277	0.779316
0.135783	0.09412
0.390975	0.144538
12.56177	9.176979
0	0.06533
11.67994	9.016835
14.6886	14.76953
18.66916	15.73803
9.194104	10.51811
4.937029	3.595003
1.507612	0.181206
12.14807	9.674552
37.81942	52.08052
9.34276	11.53915
3.46567	3.576889
95.51675	115.7676
0.184234	0.102163
0	0
10.13049	10.62351
0	0.429537
4.261544	0.902995
25.06403	12.25172
0.064877	0.095936
0	0
12.14349	13.37637
8.049137	6.62001
0.163638	0.075618
13.09917	13.45859
0	0

0.054928	0.020306
0	0.163171
0.1059	0.437174
12.50784	8.091976
3.696688	3.680182
10.55606	11.26132
1.694185	1.519742
0	0.220598
88.42887	90.65427
3.885868	4.164936
3.885597	5.684693
90.27337	108.4511
43.58399	52.51287
0.126924	0.023461
0.151848	0.252613
1.944012	0.590835
0.160597	0.035622
0.40399	0.424468
7.276911	5.093057
0.108111	0
20.49595	10.7487
0.067633	0.300035
72.49118	80.5099
49.90128	72.83072
0	0.013399
2.665878	2.116318
3.022428	1.910986
4.288823	2.664673
24.10974	19.1769
6.316258	4.190833
24.79103	14.82228
19.14666	30.53473
8.438416	11.89108
15.31521	17.43119
20.30822	30.34733
5.949446	3.550891
20.59106	25.99972
19.01808	12.69058
0	0
20.24244	12.56535
20.68647	18.82661
23.85776	13.07976
9.656187	13.51938
0.326988	0
6.355902	8.448533
54.71996	68.1113
19.45816	22.6451
0.138742	0.076936
1.163011	0.165365
19.23392	10.12213
5.25382	3.156658
0.332163	0.076748
0.018791	0
0.63465	0.392154
6.317845	2.824761
5.845281	5.779051
0	0.036981
4.151191	6.485636
0.989388	1.504153
7.11185	6.99227
12.06576	18.18054
0	0
6.880625	6.319448
21.35299	35.67349
14.26683	7.323433

8.42781	6.679598
18.01383	24.33104
0.14422	0.079975
34.08647	35.7891
1.892269	2.060828
1.64607	1.521327
6.811394	4.486767
45.50372	41.97002
8.395106	4.84292
29.82759	33.95058
3.537767	2.73214
0	0.059207
12.14582	5.722207
4.863473	2.685467
0.497921	0.36107
5.538778	4.955511
1.75698	2.571226
0.887449	1.239881
1.822734	3.958816
21.31628	15.30972
9.166755	8.7004
11.02849	9.474567
2.248272	1.726249
0	0.318788
0.147344	0.081706
1.291235	0.954706
7.838983	9.981162
194.7186	240.3335
6.654519	6.820049
231.1518	203.0097
139.7037	151.3971
0.382241	0.060561
0.072829	0.026924
10.01715	5.673462
50.20911	52.40657
50.65677	79.01705
107.5598	68.81563
12.78966	16.11573
35.93977	36.48349
2.882141	3.361448
0.313043	0.277747
8.81916	6.194624
732.3649	631.0408
1.465516	0.90454
1.89543	1.333069
9.570585	9.600251
26.9932	14.6477
11.5196	11.01361
1.235939	0.863054
7.336198	3.549388
136.9802	185.3596
98.68366	110.5556
0.889236	0.885066
0.167837	0
1.199584	2.921932
14.17901	12.11173
14.63477	11.0173
2.725307	1.424412
0.014875	0
0.020145	0.268104
5.267144	3.073513
99.82554	93.58469
7.287378	5.320261
2.911381	3.37908
3.835384	2.141111

0.224478	0.103733
0.095298	0.105692
14.0746	11.36094
31.81551	24.85553
11.28199	2.789392
3.025616	1.677796
8.194913	8.729219
0.797199	0.52722
1.541624	0.791887
22.20674	38.7828
1.437297	3.043187
41.67476	25.90343
55.20465	44.11479
0.358194	0
60.82377	38.86516
0.835999	0.463587
0.304347	0.067508
11.92754	6.424043
49.653	56.04448
1974.398	1457.686
1.377522	0.381939
74.95425	87.02646
15.10988	17.82105
81.12155	64.08338
0.910595	0.445227
70.52921	28.88379
22.74846	14.84812
77.95626	67.1571
14.65725	15.48306
20.14364	26.56711
77.00699	55.86939
0.197624	0.438354
9.195534	4.92923
7.803791	6.432967
8.904613	5.40445
0.897052	0.30148
4.53687	6.023681
1.365547	0.681514
15.09622	27.95908
0.282772	0.149988
5.272772	1.68125
5.298514	5.732169
0.098006	0.054347
69.69623	112.3612
0.334881	0.371403
0.184371	0.204479
0.020565	0
0.238337	0.132165
0.145403	0.08063
0	0.044655
0.807822	1.066576
0.547503	0.323848
4.919987	4.293945
0.127554	0.070733
0	0
0	0
50.65573	56.45649
72.84003	68.69948
2.940784	1.392554
0	0
51.17051	40.9007
3.66322	2.942878
1.846254	1.462577
0	0.033688
0.727719	0.3937

107.0182	89.49982
36.80446	37.03363
0.026924	0
5.763697	12.87859
1.403773	12.58841
90.9788	78.96428
8.724457	13.05532
9.988429	14.78869
0	0.045391
0	0.148401
16.0959	7.241577
26.43925	31.8759
31.17096	22.06226
4.470256	3.934751
0.244067	0.21863
53.74301	50.53236
8.693823	5.273197
0.422264	0.140495
68.14414	86.10339
9.068332	4.363499
1.57182	2.552607
0	0.06364
0	0
1.176574	2.542866
7.426997	4.755109
29.46857	21.88116
0	0
2.310926	0.626501
18.55502	14.05899
4.102515	2.22123
53.72452	50.79752
8.615327	9.136967
0.339582	0.188308
64.70574	50.67172
4.217507	1.662835
7.346337	2.938114
17.11017	27.29912
110.0013	126.2019
0.983353	1.917949
0.357308	0.177281
1.954531	3.319281
115.1625	112.7617
11.85394	13.19481
6.583939	4.691433
8.807422	2.833916
0.086053	0.035789
137.8137	83.92961
0.304646	0.506807
30.28531	43.63375
155.0748	177.704
4.034009	2.066653
88.74375	72.3963
2.075441	0.872574
3.356048	4.241639
3.459473	0.860645
0.685318	0.242572
792.9503	836.3687
0.19822	0.244264
130.4341	141.3355
2.045785	2.433097
14.09686	10.2109
7.434216	4.137997
1.334212	0.127562
21.21104	12.57562
0.966709	0.160821

0.016085	0.035678
92.12835	136.7638
12.96987	7.539846
4.933743	2.328155
12.89497	19.34305
4.191891	5.234259
0.015421	0.017103
0	0.052563
95.1681	88.38076
40.09377	41.59393
8.537448	8.223857
25.29128	27.71202
2.984743	5.094516
7.535832	5.827172
0.461368	0.073098
0.198361	0.146663
0	0.62495
5.02107	1.400504
38.25948	31.41038
4.336789	4.932461
0.607734	1.087119
0.258158	0
2.690214	4.267469
66.8818	62.19371
5.717962	3.653814
38.87567	47.8235
14.24304	5.002851
37.97493	33.83964
5.874223	5.455036
4.347197	4.574059
0.105518	0.023405
13.02965	11.49029
1.045638	1.958141
0.259235	0.287508
14.82835	12.38475
14.68944	13.45456
1.143002	1.591316
14.13276	14.6771
20.09833	29.83674
0.063679	0.070624
0.738453	0.314996
11.67707	7.560662
0.040395	0.089601
251.8052	213.4703
6.875158	5.796532
2.497096	2.517665
11.33867	8.768706
16.29434	15.34927
0.252013	0.076227
0.778803	0.984262
34.32071	29.73503
40.14424	50.78587
27.66689	29.17089
4.816517	2.878236
2.610022	0.964891
4.088506	2.396755
3.686809	3.606179
59.66366	35.66387
0.358292	0.340601
0.770487	0.119235
4.933522	1.76406
0.01094	0.036401
0.019074	0
0	0
0	0.022854

0.131401	0.072866
0.047759	0.052968
0	0
67.17352	89.01781
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0.456197	0.554913
5.335592	4.331947
68.89024	80.14819
7.637589	3.048468
10.16858	14.49784
30.40259	31.50249
0.027211	0.070417
0.239903	0.407969
0.054847	0.060829
33.0913	39.42292
0.915167	0.373939
0	0
0.931769	0.93005
0	0
7.341785	7.036426
6.972324	6.365038
170.2353	170.4007
3.347002	3.049167
0.264575	0.141281
0.165742	0.073527
24.80413	23.50177
35.7635	32.57674
1.702047	0.477162
0.168562	0.062315
0	0
4.227009	2.876373
59.29067	51.38015
4.307278	1.893599
0.149968	0.071282
26.27753	18.49992
42.80642	64.17962
0	0.021325
27.6655	16.45453
36.2929	24.65011
0.729404	0.161791
1.381514	1.396991
3.330169	5.121835
20.703	15.38085
10.61151	7.714774
0.146629	0.209083
0.056005	2.472085
1.65279	1.80506
14.7254	14.1886
7.415743	10.32492
8.078883	6.550846
20.0047	18.71145
10.78074	13.83941
0	0
10.45052	11.36245
0	0.041418
27.65431	23.78041
6.323041	5.321647
1.0629	1.365936
7.051285	4.537929
0.026	0
0.30962	0.126511
0.105153	0.051831
0.090506	0.100376
6.195569	11.78624
332.1875	371.3062

1.850194	1.71431
6.643692	8.216194
11.67289	11.77367
0.421728	0.380519
0.265383	0
0.731267	0.497076
0	0.014885
14.65658	21.1767
0.00751	0.008329
50.25713	40.45737
9.991108	9.294961
19.7227	19.74642
0.229551	0.164732
1.631004	0.562764
0.194224	0.071802
48.47249	52.75598
19.34474	13.80359
3.205488	2.38156
0.073288	0.135468
0.13388	0.210348
2.659651	2.47776
0.517644	0.472788
1.972569	2.115179
9.522435	8.526746
1.572914	0.440907
5.434448	3.154944
6.801113	6.261987
2.401914	2.740527
4.914298	11.77644
4.801284	2.419777
0.032523	0.216422
4.634563	6.943526
6.373804	9.609028
15.22409	16.85143
1.611809	2.883986
11.74662	14.84123
0.342706	0.126694
0	0.270164
0.051407	0.08552
0.249679	0.184606
10.88721	15.15512
0.741276	0.688804
2.201124	3.956397
1.985457	3.211239
0.152506	0.131552
62.65727	60.66601
32.86953	32.12922
23.00082	18.7133
7.18957	10.16717
44.35828	51.39885
5.947365	5.496658
0.050891	0
1.434934	1.499172
58.71715	164.0724
14.00111	6.363968
4.970702	5.917316
0.37204	0.388343
8.28613	2.301097
20.55165	16.38879
0	0
0	0
35.13101	26.63658
3.194325	2.894038
0.784777	0.595513
3.243723	2.866747

0.901552	1.083199
0	0
16.24407	16.00307
0.038693	0.042913
0.737705	0.309574
1.116825	0.371588
1.451825	1.294445
1.729361	0.565957
0	0
0.039571	0.043887
5.368557	4.094719
13.78256	11.24432
2.755467	2.85882
4.005606	6.24721
70.77093	78.03922
2.632039	2.237971
0.138022	0.110554
30.33336	20.63725
0.534419	0.313784
81.42487	114.6976
15.55027	8.646123
5.478776	4.083638
0.935983	0.484429
35.16864	35.84793
0.133726	0.084748
0	0
9.597835	10.34451
0.042036	0
4.860851	3.536975
5.264466	6.776005
0.017673	0
2.57829	1.475861
77.69955	35.70671
692.6512	561.4509
18.39402	13.33852
2.676266	3.311676
1.807389	0.900328
2.401849	1.221741
2.867955	2.448204
1.45663	1.076994
7.523411	5.377809
5.521502	10.55004
12.778	16.25008
3.715845	3.232234
15.86899	8.262976
64.0655	71.40647
36.95447	38.322
0.024955	0
16.32698	10.29774
11.13546	12.58332
13.93856	13.11761
0.853601	0.807475
0.039748	0.044083
0.417625	0.669025
12.16698	9.767948
0.117035	0
30.19953	36.19027
0.062399	0.161476
51.98331	18.27663
17.80255	15.95348
141.972	126.699
0	0
4.332437	1.399863
158.196	120.4062
1.416431	2.519998

0.995443	0.637365
11.03236	12.81821
2.772312	1.859098
0.05293	0
1.684734	2.753539
0	0.018803
0.077319	0.085751
8.536426	7.158291
9.086875	12.73234
0.121679	0.101212
0.533747	1.29849
5.425783	5.526965
1.109237	2.022265
5.833667	17.56114
0.117743	0.04018
0.122883	0.034071
9.168468	11.07553
0.345375	0.076608
0.016931	0
0.10547	0
1.04451	0.851783
0.202898	0.13297
0	0.028596
0.018229	0
6.667048	5.120457
4.404921	5.562853
5.026081	3.700539
18.3671	17.29375
1.907431	1.833396
0.082234	0.182406
35.43526	26.87621
0.038563	0
0.705061	0.521304
22.31223	15.87422
0	0.064899
5.569645	4.242676
0.09476	0.063057
0	0
0.437723	1.04128
0.051791	0.034464
1.174035	0.965707
20.19355	19.84421
0.213724	0
6.627252	7.497395
9.525412	14.65365
0.059271	0.131471
1.662845	1.209109
96.80183	92.48158
0.073043	0.040505
32.5217	31.67517
3.922609	2.650789
0.057809	0.096171
0.038184	0.042348
0	0
0.009886	0.120611
219.897	149.2189
121.0723	135.5505
2.418046	3.391638
0.122098	0
7.26593	7.303369
0.026936	0.04481
3.860733	3.298724
15.32069	13.09572
9.431188	10.36574
0	0

3.578155	4.230044
4.9181	4.063399
1.663042	0.966122
2.402863	2.192113
0.794763	0.775668
1.472416	1.156708
0.623541	0.531008
23.37652	18.77228
13.01327	16.74635
10.81426	8.980186
0.101119	0.037382
24.3285	25.32467
0.468476	0.794635
21.07874	23.88748
2.878994	3.040933
71.25408	81.79792
40.40575	30.9224
17.75845	13.22607
366.5955	337.0831
257.974	282.3846
12.86025	10.67348
24.95458	25.21914
49.62686	49.90357
11.33031	8.355171
56.42909	41.3369
6.100127	5.332062
14.73364	8.714937
112.4969	102.1501
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12.6379	13.45179
7.342021	6.831164
1.047085	1.336727
1.636357	1.514849
74.47037	97.71998
0.045821	0
77.75595	68.67782
141.5942	185.9545
4.414035	4.83102
1.897562	1.458389
0.59814	0.99506
0.367215	1.700327
30.65488	22.61041
10.59513	5.134737
15.08653	16.60318
23.60741	11.77195
3.069795	2.851815
8.8671	6.34646
0	0
0	0.131409
0.245726	0.090842
0.560827	0.585404
0.820532	0.355341
4.746614	4.386903
10.55548	9.302421
0.157915	0.014595
2.214661	0.254089
8.479731	6.605955
5.168017	6.062652
0.545819	0
0	0.154737
8.473011	4.63934
2.117215	1.063679
25.78246	23.82411
34.61355	27.77717
15.43757	6.709254

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0.01321	0
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1.261929	1.924389
23.12146	15.04038
0.036171	0.220635
4.306254	2.39916
2.101194	1.898109
12.43131	7.105943
139.0847	149.3951
4.339782	8.513464
0.753482	0.389973
2.809361	1.702536
50.77161	28.92576
0	0
22.83947	21.05247
0.203126	0.193096
0.305726	0.379757
5.758324	7.660669
95.52594	111.2394
36.97531	46.62178
16.95076	12.6243
38.12487	30.65079
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1.995469	0.980486
0	0.078471
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0.123778	0.027455
4.345387	3.007242
4.975699	2.653055
12.41738	15.65755
0.151925	0.084247
1.163984	1.187654
3.32266	3.094482
7.861783	2.966698
0	0
0	0.056257
60.60765	57.00962
123.5298	144.7377
4.728047	3.514767
1.752397	1.199513
0.0418	0.015453
0.610851	0.406483
0	0.031129
0	0.047034
6.264535	3.500805
0	0.26704
0	0
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26.91138	9.467574
1.957836	2.084505
0.024415	0
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3.500592	3.720604
3.633173	2.328103
18.52806	12.12911
0	0.099362
4.495809	5.021552
14.29984	14.33939
16.284	15.48695
0	0.206574
3.407301	2.872651
26.78029	21.18854
25.1338	19.47822
3.819904	5.787902

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69.85391	51.32912
0.057131	0.01584
0	0
20.883	24.15802
7.245233	4.809512
0.531956	0.463549
11.51974	11.89116
43.18672	45.06885
137.6048	95.61444
6.656085	8.612337
0.06598	0
0.037274	0
3.064079	3.234873
10.96576	10.34243
4.804685	7.083645
37.48983	40.69421
0.383647	0.378212
5.565709	9.075858
4.355321	4.621211
0	0.182164
0.083004	0
0	0
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0.098613	0
0.011151	0.012367
0.201332	0.297719
1.035603	1.121201
6.657837	16.64218
0.087344	0.06458
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0.187574	0.208031
8.893302	6.337345
0.587519	0.824075
0.346854	0.202464
427.753	353.1686
0	0
2.880831	1.211903
0.035177	0
7.341712	6.067658
0.494716	0.868728
0.029692	0.098792
15.08637	21.30385
6.634381	5.611983
2.373332	1.905051
0.03292	0.07302
3.126853	3.346427
7.649869	6.817637
7.462469	6.70216
49.2745	49.81824
0.13161	0
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0.06248	0.029697
14.29665	12.71831
0.12951	0
47.07713	59.34572
17.72949	23.40793
14.55573	24.34534
0.979811	0.73465
50.14412	70.28851
6.256935	6.805552
3.408174	2.549216

9.423306	10.82162
13.34323	19.29681
63.07839	68.75341
9.513898	11.35572
1.098135	0.843161
3.493142	1.864929
13.59926	9.914899
57.91998	43.24265
0.170803	0
36.29771	20.01849
111.1773	107.7469
13.26643	11.42443
0.069268	0.076822
0.581156	0.161134
8.64401	11.25019
0.101834	0.021176
0.191508	0.212394
0.015225	0.050656
5.173907	4.764267
16.08261	14.77215
22.65901	22.43055
1.103478	0.935866
58.497	41.87629
3.618664	3.047149
1.868183	1.36067
0.278339	0.019293
3.471685	4.097577
3.537647	3.159838
12.3177	22.90007
0	0.074281
0	1.17097
2.209398	0.899498
16.98353	13.26462
3.9462	1.497762
0.56514	0.470081
18.80479	13.58778
0	0.062174
19.6075	24.69848
5.343459	5.310806
4.684118	3.511947
0	0
40.71595	40.99155
0	0.069204
0.077641	0.114811
0	0
0	0.065392
8.004233	11.69083
2.834348	1.951116
2.296113	2.571994
0.026465	0
0.022301	0.049467
0	0
21.02381	14.94079
1.40633	0.895387
6.921569	10.20461
7.611796	4.080274
13.16425	9.862416
0	0
10.84241	13.23841
2.378971	4.475897
43.64992	42.41009
15.05383	19.25862
0	0
5.24979	4.645575
2.097191	1.838445

10.94558	15.97278
8.264125	9.87045
629.8017	521.6639
0	0
1.423727	1.167087
19.60501	15.61791
0.219721	0.243684
8.874794	7.158318
4.268758	4.599528
76.14186	61.49325
3.383811	0.804183
5.713356	2.33984
0.666972	0.415277
3.029684	0.984031
1.112383	1.286574
7.860359	3.420837
0.053385	0.059207
0	0
3.664144	3.035277
8.449538	5.082106
2.077432	2.513453
35.96174	55.60265
0	0.025732
4.623176	17.02554
0.995964	1.087591
0.272789	0.363048
0	0.052664
1.814158	0.804805
2.516469	3.302586
0.263328	0.162248
0.276325	0.153231
4.205741	4.56518
5.397263	3.013307
14.19129	11.44357
0.023688	0
0	0
0.057435	0.127397
4.917226	3.722475
0.154445	0.128467
17.36507	20.09336
0.987465	0.650251
0	0.022141
12.64179	7.079391
1.831675	2.127262
0.086232	0
11.59902	11.0263
7.585778	3.806654
6.703102	7.10462
0.014839	0
8.229731	3.973779
0.483402	0.368584
0.144165	0.026648
4.497403	3.259237
0	0
6.455029	7.209614
0.74724	0.682488
20.31668	17.65176
0.321139	0
37.85015	36.39721
4.190312	4.055572
6.004683	5.378875
51.36998	36.66586
7.590476	3.557028
25.73625	14.02964
11.50352	5.449571

5.4616	3.059011
0.663877	0.512194
0.068529	0.152005
0	0.108438
21.75982	30.46903
19.95011	22.91964
25.51857	15.44411
5.012763	11.95652
0.667601	0.968229
6.833666	5.048637
52.48804	46.01175
3.626011	3.186823
20.11101	19.97016
8.091893	10.1166
0	0
0.327204	0.090722
6.063383	6.366543
0.077255	0.4284
1.151553	0.685624
13.39933	13.85637
16.25871	5.959581
0.876131	0.761589
1.867498	1.265714
54.9296	38.51194
13.87907	13.32738
0.010076	0.011175
17.65309	27.31127
7.090673	5.053698
14.51534	19.35719
341.7493	377.9672
23.23949	18.82623
3.245235	3.704505
101.0364	93.33002
0	0
0.803714	0.074281
2.929902	2.173105
1.577657	0.672968
0.050368	0.111722
2.063136	1.026457
0	0.037525
0	0.012775
35.78021	39.50877
60.72698	31.20459
1.277946	1.476375
0	0
0.084472	0
0.463607	0.31174
3.005794	2.787115
1.772714	1.591894
2.068165	1.6428
0.149009	0.027543
7.321966	8.062709
13.52584	22.099
4.821425	5.229732
0.335111	0.540594
8.693905	6.371731
5.560367	3.362919
7.170486	8.583424
1.268602	0.413811
9.760783	8.199591
0	0
0.042496	0.047131
0.473092	0.44837
0	0
35.02337	52.90117

9.981056	8.71622
0	0
16.38167	19.79246
0.18194	0.151337
2.043078	2.32884
0.04848	0.107535
13.51248	10.53972
0.064539	0.214734
59.38863	71.55141
0.009947	0
0.315526	0.174969
0.253899	0.262817
23.26426	12.0763
29.52101	44.50716
0	0
0	0.018722
0	0.066083
0	0
15.13727	19.06904
1.489719	1.62677
0.02178	0.064414
0.075257	0
0.131779	0.229666
58.23395	47.24188
107.1921	69.998
6.717975	6.301116
9.715584	4.345233
0	0
20.53841	17.83274
4.681556	5.17965
3.90033	1.721453
0.129456	0.086144
17.5286	21.05625
0.084587	0.093812
7.796129	11.13325
0.16685	0.061682
0	0
0.096809	0.035789
0.110672	0.081828
15.54253	7.148269
26.86119	20.92594
1.215987	0.555308
18.74689	10.33088
23.78636	13.11723
1.773644	1.604723
31.12268	35.95808
0.208871	0.289563
2.384067	3.685681
3.879416	9.379108
9.367383	5.389514
7.654245	5.553339
0	0.089717
3.344527	2.145566
0.346433	0.283986
7.585713	9.833049
2.952739	1.954296
0.025045	0
0	0
0.862058	0.332548
0.290692	0.483592
1.123614	1.214204
0.807188	0.442996
22.47744	22.79315
22.51353	33.53579
415.5045	251.9244

11.26027	4.895993
0.013783	0.015287
3.551321	4.300804
0.187506	0.149728
1.847982	0.604536
21.7105	8.311808
0.098006	0.108695
0.059187	0.021881
0.027742	0.153839
16.88199	16.08103
15.04685	19.12497
1.519706	1.317712
0.198361	0.329991
1.595263	1.382857
0.543538	0.109603
41.81948	80.85629
24.35281	23.22266
344.2662	318.7953
0	0
14.62079	21.27789
5.859979	6.483817
94.01663	99.08266
0	0.034602
21.05683	24.39267
7.15039	8.552196
0	0.043985
0.139156	0.128611
4.547174	2.762021
0.47089	0.287235
0.166676	0.092427
0.021618	0
4.416113	4.341308
0	0
5.722988	7.286686
0.053895	0
22.01321	13.82865
4.613267	3.553051
0.337429	0.668266
11.00907	12.60615
1.36403	0.417322
18.00965	39.00039
22.63732	30.51608
0.363644	0.474475
2.200783	1.92514
2.313463	2.685109
8.339388	18.3627
0.074624	0.124143
1.265824	0.750683
0.056035	0.062146
2.38855	2.221782
3.102983	2.520673
55.68424	59.12039
9.471434	16.19126
1.512207	0.670852
16.53389	12.94882
29.14229	28.11817
120.2414	112.2714
30.12467	38.69024
0	0
5.94236	5.548945
0	0.011705
7.730819	12.12792
4.062508	3.794163
0.624774	0.086614
5.016752	3.309902

5.631383	3.220974
8.210092	8.418285
48.60291	66.69057
0.175263	0.242972
1.85845	2.495057
1.312888	1.831833
0.089291	0.082524
0	0
0.140654	0.168993
4.111874	3.373569
3.035359	3.101166
3.59156	5.81164
9.989486	13.81234
2.950053	2.299834
0.738342	0.501098
7.348588	5.604483
2.860659	4.935225
0.042294	0
0.110672	0.122742
21.22513	11.09527
1.703493	0.401974
0.045753	0.152229
0.368312	0.93367
38.02878	37.74574
0.033335	0.036971
3.318565	1.593048
9.514517	4.17949
1.305565	1.126184
1.325318	1.173516
9.313033	12.43157
0.248646	0.110305
13.90033	14.17544
366.611	282.373
8.210572	8.43443
2.513082	2.176276
0.129685	0.089893
34.96041	31.252
6.235184	9.265974
1.890099	2.79498
0	0
8.052224	7.822499
99.59353	111.6438
1.081862	0.666584
26.02792	20.17145
0.407879	0.254454
0.201218	0.322346
1.791506	1.428077
0.007461	0.01655
1.129146	0.214679
116.2724	96.06407
0.134169	0.037201
22.13282	15.18226
0.12434	0
0.795583	0.650153
3.136826	3.026053
12.77264	11.21055
1.648017	0.500227
0	0.053029
0.042554	0.217099
0.048167	0.13355
11.75444	15.86424
0	0
0	0
0.504186	0.346155
44.24196	58.77587

23.13705	18.33556
4.147454	2.937208
5.071041	2.257037
0	0
0.84612	0.532604
1.912752	0.917344
11.26418	14.07977
1.126385	1.399739
0.536259	0.550689
0.061564	0
12.76781	13.3683
0.029764	0
41.00077	48.27065
0.600643	0.095164
14.84686	9.348664
138.2424	130.5718
51.0962	64.22308
0.416691	0.256742
0.037927	0
0.105232	0
5.2616	4.850706
0.058435	0.129615
0.688397	0.44536
1.001202	0.57576
0.029575	0.043733
40.59924	43.13659
27.44732	28.5659
0.301881	0.520807
1.714947	1.773033
12.13024	11.17848
4.253647	2.47974
0.284802	0.126345
0.127751	0.141683
0	0.026403
145.4834	163.8956
5.43729	6.35705
17.20199	10.59072
4.792162	1.625187
3.308765	2.340966
0.015139	0
0.178925	0
26.41616	22.41696
0	0
0.345613	0.232721
0	0.032237
77.43385	55.4671
6.70376	3.744442
17.71313	11.17382
7.715476	6.241527
2.93698	1.413089
0.160639	0.534475
0	0
0	0
1.233944	1.416538
0.00673	0.029854
279.4619	296.8132
4.673095	3.21767
6.827129	6.684641
0.088585	0.061404
25.6152	25.36242
2.265539	0.847817
0.354782	0.03279
2.669124	4.280065
0	0.114446
2.807293	0.95938

17.52201	15.06921
0.848041	0.171005
152.9111	148.9584
0.140978	0.250166
4.58387	2.201463
25.72441	14.96309
0.072637	0.161119
0.971626	0.718395
16.21734	9.349968
8.426868	6.137089
6.624463	3.682069
9.548824	12.77758
2.910323	3.165534
1.180359	2.215383
4.769924	4.609976
36.34639	24.59451
10.69694	10.26398
66.44182	121.6511
0.086152	0
0	0
0	0.529678
2.339635	2.675305
6.133135	8.403946
0.352195	0.195303
12.34842	6.716118
2.705311	1.740206
8.018463	11.65643
0	0
20.00471	18.16355
0.0486	0.080851
8.797861	9.496107
2.269975	2.408674
0.130239	0.268252
0.391222	0.694222
0.059756	0.132547
0.271122	0
2.611591	2.40457
9.275175	12.17613
0.873345	0.902552
1.885461	1.013862
0.027053	0.090011
39.83276	24.17611
0	0
7.496609	7.48458
0.11551	0.352297
42.74087	31.38693
10.68917	9.150799
2.199018	1.654421
4.191173	5.217906
4.961308	3.513307
39.71963	31.27081
3.171052	2.476834
0.210385	0.155553
0.054177	0.060086
0.547197	0.266433
9.572201	11.28753
0	0.166458
0.436135	0.2073
0	0
180.5347	134.5411
0.016668	0.203339
14.40843	19.85052
0.403686	0.35817
7.780004	4.653954
23.77325	24.40386

5.337136	7.413959
43.92042	29.8898
14.90305	8.233701
1.113804	1.110615
16.15213	15.72173
1.804115	1.298813
12.18145	11.24051
5.163292	5.21781
3.576417	2.954444
0	0.068086
0.069933	0.155121
158.6251	142.7359
0.009953	0.011038
11.41022	6.904666
0.10871	0.075354
0	0
1.125345	0.142637
2.021627	2.831528
4.314864	4.056537
4.683396	3.920892
22.73807	20.99722
6.663937	2.113264
2.799953	6.54884
0	0.058305
0.104611	0
0.085519	0
0	0.022299
0	0.028002
4.399591	3.146186
0.778519	0
0.496695	0.484094
24.42376	19.98866
4.222534	3.468924
0.73716	0.567283
34.53665	26.97309
8.757994	6.585186
1.316446	1.332267
3.175608	2.01518
6.434744	6.875885
1.975193	1.703807
8.531158	11.0813
24.67968	14.951
16.41417	20.76163
0.794458	0.396496
0	0
0	0
1.420359	0.644426
0.333352	0
0.219388	0.364972
46.67706	45.82269
6.503085	4.629528
2.941451	4.003078
5.999407	9.593718
18.07642	20.21957
0.043677	0
0	0.102012
0.853026	1.22431
2.790018	1.487389
1.009631	0.433449
0.015315	0
50.43585	45.97955
483.8604	452.5564
39.08534	40.85455
76.96826	84.99524
3.314062	4.154077

4.105171	2.95994
64.93718	52.36517
15.951	14.23269
7.435587	4.43772
3.948431	2.86098
1.809372	0.630205
4.445103	1.122251
5.626429	5.617036
28.39406	32.46343
2.808514	1.453579
7.225896	7.154092
0.733238	0.996176
2.015349	1.568522
0.974944	1.201413
17.08224	15.21487
17.68988	12.64416
0.048373	0
3.940167	3.461295
0	0
20.30772	13.58725
6.694483	6.258337
0	0.026535
4.273575	2.263318
0.086835	0.048153
0.837459	0.56456
31.74578	21.10214
0	0
0.023447	0.026004
13.11465	13.74995
0.193216	0.119049
11.32589	15.04293
357.8807	344.6916
0.150279	0.02381
148.2246	164.8841
25.62294	38.48092
0.106923	0.316226
1.065216	0.822753
61.3962	73.14365
2.059551	1.820196
0	0
0.14886	0.632862
2.346228	3.654986
0	0
5.238497	4.298076
113.9818	94.49443
0	0
0.073825	0.081877
19.49064	17.52358
21.41347	15.24783
0.092163	0.170357
0	0.012909
39.95968	37.61311
76.02403	80.53468
2.337954	1.696312
0.836453	0.507597
0	0.033606
112.8756	145.0158
3.970032	2.935338
8.235985	5.379797
1.481198	0.650251
1.641135	0.612713
0.093	0.123771
4.310205	3.481591
17.79386	19.43087
4.385603	4.383167

0.3521	0.130167
0.415297	0.345442
0.400008	0.380257
5.835131	5.382849
2.555405	0.419867
2.703186	2.505177
22.13691	16.10855
76.31179	75.63423
23.00759	19.78147
13.55888	11.87264
5.81318	11.83453
67.35916	64.23269
2.458191	1.428053
1.081513	0.999554
3.07771	2.116945
1.253536	2.126261
1.105784	3.317687
2.059754	3.975437
1.036427	0.839288
11.58864	13.40802
5.20973	5.176279
0.076714	0.02836
0	0
1.169795	1.167637
24.05324	17.81644
5.351483	3.679237
1.015506	0.938548
2.375774	2.459219
6.251841	7.085419
0.337062	0
0.079957	0.022169
79.56569	80.08501
5.56138	8.796854
1.038036	0.661111
0.182126	0.161591
0.043206	0.119795
3.722162	2.334748
0.036619	0
1.826801	1.296662
0	0.171483
35.90479	41.19372
10.34781	12.09787
13.5652	10.67269
13.53137	5.640257
0	0
0.031682	0.011713
3.937664	4.113207
5.747782	6.299467
1.418116	0.614366
0.014916	0.049627
1.809899	2.183604
8.604519	4.895633
0.107046	0.047488
11.3661	23.09151
0	0.021915
24.01997	21.36229
0.708805	0.515883
4.006104	4.30006
5.430877	2.296973
0.202237	0.044859
0	0
10.9918	15.9671
85.2204	84.82176
2.084291	1.011993
0	0

25.47276	23.99122
49.28366	65.01647
0	0.023429
8.575272	9.032317
0	0
11.07056	4.47416
5.389348	3.065753
0.810905	0.727713
68.12931	22.57791
0.688706	0.305527
3.764994	3.151402
0.022079	0
0.5183	1.028636
0.169998	0.062846
1.365505	1.514428
0.024	0
2.856184	3.635045
0.231884	0.064293
0.548229	0.570018
10.01113	12.68909
2.482234	1.952873
24.99361	27.1028
0.192145	0.239738
1.225698	1.661456
0	0.056441
0.112205	0.041481
0.385306	0.932353
0	0
39.5503	44.667
8.997351	13.03134
781.9761	807.2105
8.237835	9.254913
0.054702	0
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6.225591	2.186964
0.278292	0.339507
14.24472	15.56163
0.079152	0.087784
0.897445	0.565523
0.225141	0.134451
0.372244	0.355236
56.84713	44.76778
1.005004	0.846278
0.308833	0.3552
0.025875	0
0.379041	0.218597
3.814897	3.439195
0.133635	0.237135
0.142271	0.205123
4.875699	2.381261
39.54561	50.37336
0	0.048526
1.000912	0.672771
3.796933	3.041299
0.092667	0
92.0544	130.4059
0.075188	0.062541
8.839309	8.39447
1.271098	0.635369
0	0
1.199301	1.125467
0.270301	0.052136
6.383638	7.938903
12.64845	13.10058

0.030713	0.017031
1.408895	1.69497
0.852721	1.206607
4.740103	4.59993
11.08871	16.51609
13.30108	10.76066
0	0
0	0.168357
29.1257	20.30517
28.32127	41.1959
0.072616	0
25.36326	20.16958
0.246377	0.136623
5.064248	20.64196
31.12331	35.16726
40.204	44.96747
4.888545	6.272926
0.558994	0.320668
24.77325	39.56406
392.148	393.1976
0.250534	0.353637
22.00484	29.82177
0.04787	0.106181
27.88688	36.70244
0.72008	0.354939
1.659025	0.654901
0.099392	0
1.924361	1.940212
1.719054	2.785523
3.557193	3.24565
3.131043	2.207337
0.044096	0.048905
0.327714	0.198248
0	0
4.321407	4.792704
7.908649	9.479954
7.655826	11.73522
0.006507	0
57.66789	58.07608
6.762745	6.099638
0.359495	0.187624
3.174018	4.264282
6.15461	7.682637
0.049354	0
0.418375	0.0464
39.90637	36.40184
0.17824	0.131786
26.37899	23.37831
27.02443	18.29044
1.479025	1.711647
35.00452	21.26794
16.16697	10.61497
5.943444	3.568202
0.172944	0.082202
0.42772	0.237184
0.104289	0
1.534062	0.708903
5.322569	2.919092
12.17209	17.09948
1.70592	1.73298
3.914974	3.013821
7.186477	6.281379
0.032103	0
14.48418	10.83759
0.063744	0.070696

72.83237	72.36767
21.58778	10.03774
1.918131	1.184957
2.506356	2.946651
137.8837	135.3961
97.68165	103.5253
2.328778	1.199137
2.516698	2.992025
1.904334	1.273425
1.07713	0.551355
1.073716	0.901158
20.36826	24.62602
0.026	0
1.838319	2.262035
0.975187	0.859687
1.474797	1.520454
8.939362	13.45284
16.63849	12.99713
412.7919	522.414
25.13901	20.71424
0	0.062034
0.104806	0.046494
0.321324	0.197982
0.628198	0.558819
0.346209	0
102.032	117.8115
0.036934	0.040963
4.13497	2.189265
7.800963	3.70789
18.62117	23.01147
0.280513	0.138269
37.19066	43.04851
1.132775	0.897369
17.72131	15.36938
0	0.185103
42.14437	39.02295
0	0.080536
11.77159	15.3958
48.06392	38.04071
39.20864	31.67803
27.0055	31.62374
44.0238	41.10308
17.34703	20.84095
15.74731	8.457961
0.202384	0.124698
1.416257	0.228007
2.578168	2.731791
0.013326	0.029559
21.72957	23.7647
2.409089	2.109337
11.91236	15.28717
3.900442	2.582584
0.071119	0
0.689854	0.951193
7.705027	7.381196
0.021147	0
0.245403	0.544333
1.400314	1.217242
2.790422	2.490636
6.335396	7.860718
0	0.020348
169.5429	162.0998
0	0.040151
0.810448	0.668054
5.901682	7.140354

1.858206	1.771619
9.377134	11.59823
0.45077	0.455819
7.397952	11.11461
5.404001	5.75386
37.68032	35.89025
0.31501	0.183001
1.270935	0.755566
23.22525	24.97206
2.795497	3.425306
1.04931	0.966807
0.378579	0.197584
5.575821	6.940608
0.485054	0.153701
48.22905	46.86034
6.930798	6.506175
1.484286	1.454749
1.281213	0.422443
0.222933	0
0.23138	0
1.038408	1.041976
1.07743	0.672151
0.08895	0
1.290117	1.108884
0	0
0	0.08931
2.256596	3.449671
0.869177	0.766794
0.043539	0.048288
1.71632	1.062421
156.5042	120.1014
0.031254	0.034663
0.284042	0.078755
30.20602	36.13993
28.53159	14.97101
21.11569	15.91918
7.978908	8.777442
28.86426	24.30029
0.443478	0.569503
9.188413	2.269142
1.341327	1.344965
2.817206	2.323311
142.2299	94.19748
0.125809	0.034883
11.50669	12.86398
0.439553	0.633739
5.975077	5.368643
71.67457	46.52078
0	0.162401
0	0.034224
1.698729	0.886585
0.042007	0
1.922771	1.822918
0.754771	0.48055
0.032053	0
6.992721	4.062328
15.65157	12.44285
3.231357	2.589431
0	0.039699
15.26744	16.86128
0	0
0.741247	0.657671
2.756966	4.647618
0.066545	0.129155
0	0

0	0
181.5115	156.4082
0.286555	0.466117
0.437848	0.21852
0.950206	1.076259
0.254142	0.140929
0.185611	0.205854
2.872788	4.380883
3.32937	3.506922
1.783055	1.36905
38.60942	46.99034
14.21152	7.278541
0.06591	0.073098
1.492123	2.139204
0	0.009357
20.49155	13.69973
147.9196	140.6928
0.027053	0.030004
12.97426	12.74664
0	0
7.826078	6.570362
1.154849	1.341788
1.922381	1.399149
0.44807	0.280877
0	0
0	0.053316
0.386112	0.342578
1.070236	1.421417
1.533782	0.53809
2.866212	2.318375
7.266988	3.795022
0.115355	0.02843
10.01401	3.716289
0.794215	0.26808
0.121169	0.107507
25.96833	47.83866
31.95716	28.81756
1.54795	0.62428
0	0
0	0
21.20315	24.68824
0.735412	0.346358
0.186307	0.189407
0	0.16877
0	0
147.6824	184.8951
2.434494	3.282038
18.11701	16.07429
2.657594	4.64983
0.162701	0.072178
0	0
0	0.215856
0.067929	0.150674
4.821278	5.484784
0.29495	0.327117
1.653716	1.447951
27.7445	17.65646
2.246147	1.927088
0.036266	0.040221
26.3144	33.69613
11.46749	8.214942
12.17772	14.85024
101.4616	92.81135
19.91131	16.1744
20.47703	22.51731

8.395162	7.738264
0	0
4.529289	4.148421
2.061235	1.731844
0	0
0.423641	0.313229
5.935919	7.74321
4.871714	2.742138
0.930756	0.789379
3.56662	3.789182
0.045496	0.016819
0.766505	0.475056
2.704824	1.10085
75.53196	63.20209
0	0
5.288883	2.14954
0	0.076171
1.081713	3.751397
4.26627	4.70148
13.38298	9.347046
0.771474	0.892812
3.56792	2.659958
0.072447	0.080348
3.569291	2.812662
22.99951	28.5688
0.024785	0
11.44012	14.32215
0.204233	0
1.672254	1.716521
0.688303	0.907193
0	0
2.447139	2.446736
0	0.118823
52.65752	38.97887
0.224952	0
0.041567	0.030733
0	0
2.759417	1.836217
15.53393	17.82402
0.091845	0.076396
0.528309	0.328119
4.770437	8.291404
29.24619	24.20907
8.524611	7.428389
47.12157	39.57853
0.029286	0.03248
15.57657	11.47056
2.777997	2.363072
0.499358	0.479976
2.058436	0.802111
1.047454	1.591946
29.6815	31.88562
2.834059	4.889335
4.344013	7.865756
12.69264	2.54402
0.164323	0.212619
0.056515	0.050142
18.45143	22.14571
30.58761	19.66379
1.95425	1.81737
0.407573	0.210944
3.743345	4.086729
15.72365	12.83998
38.72652	25.43026
11.3693	7.782739

0.278417	0
7.140831	2.39183
17.53825	14.89601
8.159232	4.303634
2.228388	1.868633
0.233673	0.259157
0.018678	0
0	0
1.861256	1.048167
7.3653	3.129915
3.885136	2.538549
0	0.015732
145.1618	150.1729
8.594463	7.62093
21.17405	20.99726
0.028389	0
0.516247	0.297146
2.782035	2.934937
10.65845	9.642367
0	0
0.369912	0.064777
0	0
0.1679	0.159609
0.184453	0.245484
1.224542	0.953554
2.194437	3.111741
0.689265	0.735036
5.07662	4.080482
0.182608	0.067508
34.60465	39.72985
0.316037	0.063728
2.574841	2.763537
8.443234	6.457973
0.063744	0
0	0
6.445552	4.282737
0.11665	0.064686
0.098498	0
0.105411	0.077938
4.677005	2.444668
0.122669	0.081628
0	0.038022
13.80206	12.37508
100.5689	100.6473
0.361671	0.279565
0	0
0.101325	0
17.76242	25.44939
0	0.078337
0.103435	0.286789
34.31117	18.99035
5.171091	6.484735
0.270885	0.060086
27.73496	21.15709
0.78484	0.267826
43.55625	32.61244
24.05773	32.15037
0.295652	1.5739
0.810371	0.783526
38.80725	38.83233
0	0.075132
1.115333	0.712196
9.489583	1.958051
7.01827	7.986026
0.217849	0.241607

1.237347	0.796815
0.012098	0.013417
0.198765	0.781568
0.489301	0.542665
0.020051	0.033356
52.90632	38.60361
14.62147	16.71343
0.195119	0.605917
0.103375	0.068789
0.308452	0.293221
23.15868	19.58809
15.77554	7.318884
0	0.036471
0	0
29.77989	28.79415
0	0
5.344509	7.675462
0.03054	0.06774
2.938504	3.86394
0.407127	0.225764
47.78207	27.13011
6.93448	5.524147
6.187457	4.406652
4.904342	3.703295
18.57848	13.44581
3.703152	3.189495
3.541663	5.80649
2.635502	2.15374
3.195558	7.468345
24.23489	30.09266
6.833546	3.774664
0.636931	0.307128
0.080995	0.029943
26.59522	15.08719
14.92411	7.362303
36.08982	35.66156
0	0
14.88007	14.35937
4.909064	3.367377
0.204666	0.113494
0.051854	0
0.800383	0.634053
4.434778	3.839555
201.6209	205.1932
33.80286	26.11681
0.214648	0.297572
2.960434	1.824057
0.034283	0.038022
3.771633	2.078441
1.358358	0.440927
36.51321	54.70877
0	0
1.477583	2.452841
1.023059	2.269269
0	0
20.83338	19.42315
0	0.03607
10.34781	9.202738
1.788749	0.991916
16.50567	14.28179
0.241222	0.123475
7.483165	10.39572
0.037023	0
0.072068	0.319713
16.11871	18.86129

17.87706	11.91802
0	0
1.13135	0.869353
0.198678	0.110173
1.547435	1.225857
0.761802	0.59142
0	0
21.47418	21.22578
0	0.013166
2.356132	0.855477
0.096073	0.026638
0.026796	0.059437
15.46661	25.95422
0.137709	0.130909
11.41255	5.121078
64.33989	45.63234
0.011409	0.063265
2.363444	1.472586
0	0
74.09998	64.95084
0.721941	0.133446
18.32206	14.46707
42.43628	32.36105
6.3305	3.643504
1.257253	1.631709
0	1.06117
0	0
1.390404	0.355856
0.775645	0.742933
0.06612	0
4.804789	3.039083
0.061109	0.022591
1.235429	0.728812
0.254454	2.69663
20.09552	13.31113
17.09183	19.89111
0.208579	0.077109
4.360737	4.558829
0	0
0.306224	0
0.453537	0.608895
0.414507	0.611012
18.78223	27.71177
21.1104	23.88859
9.15567	10.64238
2.740896	1.191152
4.390849	4.584198
0.157315	0.058157
11.48311	14.07832
0.805323	0.652389
0	0.025926
0.275208	0.427311
14.00269	7.581134
0.175884	0
876.1326	938.0048
9.866099	8.483747
9.945867	11.15498
13.79541	19.92512
13.68689	13.21964
0	0
3.932169	6.656287
0.189984	0.168563
8.753897	12.73904
3.621194	3.464107
20.93098	16.54515

0	0.091082
75.82834	69.22834
0.026907	0.059682
16.5439	6.001747
2.291168	3.124235
19.16042	11.65509
0	0.504086
0.764146	0.635614
0.175493	0.166828
62.91333	50.79386
0	0.036241
74.26761	76.42327
44.52833	32.18886
5.40549	10.76848
0	0.104252
0.833754	0.708924
0	0.058157
16.7564	16.23644
68.69918	54.41348
55.99494	42.66615
311.3348	290.9692
0.113504	0.251766
2.859949	3.431373
0.031938	0
5.653002	3.326686
0	0
0.619836	0
0.572229	0.317319
4.31103	1.519258
0.028546	0
0	0
0.04692	0.039028
2.445015	2.772606
23.0127	23.90664
0.633089	0.424546
4.376833	5.774794
3.642471	6.067895
6.406838	2.30748
1.556751	1.929653
12.80323	12.64344
0.612945	0.348187
0.503264	0.616903
25.44486	25.11531
25.29096	24.85467
0.443595	0.491974
33.80869	47.02461
0.016438	0
24.52487	20.54697
2.444004	2.214252
1.873181	1.507842
0.930056	1.43402
0.040673	0
8.452844	7.957885
1079.02	1004.447
22.0146	29.95692
32.91095	41.11795
2.540458	2.264551
0.150644	0.143206
0.757157	0.079975
0.519939	0.440963
0.013865	0.061508
0.143057	0.063464
0	0
0.180398	0.100036
0.02006	0.022248

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6.669703	11.02759
0.185565	0.111476
0	0.035189
254.5449	208.7956
1.666825	1.096633
4.318379	3.682374
0.048505	0
8.763755	7.734562
8.343758	6.039863
0.505376	0.296731
14.83035	11.05505
0.697003	0.178389
0.05913	0.065579
0	0.081153
5.682445	2.055058
12.63264	5.905716
4.467948	4.682104
7.479678	7.217425
0	0.192341
0.065389	0.07252
0.096859	0
2.834115	1.242663
0.079092	0.131576
13.32363	9.267148
5.111269	6.224464
0.964275	0.965946
4.520977	2.477055
0.040238	0.066939
0	0
1.747704	1.89707
13.43504	8.705178
1.890295	1.122045
12.33929	11.28075
0.020383	0.067818
0.094573	0.052443
5.351339	5.620109
47.13213	28.53397
0.062352	0.034576
0.372734	0.177165
0.721432	0.339442
3.631209	3.481485
4.172949	2.911876
9.032573	4.848411
0.335281	0.185924
55.08959	67.59081
2.740131	5.66698
1.192903	0.413438
1.500241	1.023913
19.2336	21.39697
3.124287	1.720225
1.332163	0.268627
21.26263	9.467557
0	0
3.608371	5.399393
0.892005	0.93329
0.179739	0.284773
0.077706	0.517082
0.029593	0
13.76904	7.246588
0.070875	0.131009
0	0.060217
0.475306	0.395358
11.83987	25.88917
0	0.371871

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0.947891	0.963663
0.225907	0.292303
1.988548	3.553178
76.95346	72.45916
21.6758	20.31268
4.229763	4.691065
0.35332	0.189171
0	0.038297
2.213951	1.921622
4.334922	2.071607
11.02387	10.05213
3.074382	2.658392
44.61275	43.68594
2.973826	3.041631
4.381262	2.474702
2.996262	3.137909
0.102352	0.153245
1.663042	0.798168
16.5772	12.78466
0	0.029433
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32.98366	37.84465
1.079772	0.496121
0.082819	0.122469
0.549928	0.121981
0.23686	0.098509
0.139745	0.110704
0.051418	0
0.072616	0.402679
0.6057	0.257021
0.664592	0.504313
0.994242	1.063294
0.09189	0.169852
7.921573	10.6254
1.698942	1.905166
3.217248	3.845152
1.260804	0.750312
39.87082	32.40781
33.66194	32.60965
0	0
0.055336	0
0.25687	0.519494
0	0
91.5145	95.19583
0.321694	0.237852
6.620448	3.31307
7.467313	5.940587
10.85379	7.880994
0	0
6.098862	4.250182
0.866833	3.124453
0	0
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13.70934	12.01536
0.241771	0.107256
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13.59353	7.956333
10.94018	7.267675
0.468974	0.288956
0.75812	0.350334
1.411763	2.45071
0.240543	0.192672
5.491857	3.910937
13.11695	14.0949

11.16841	12.07736
23.91738	25.49628
2.0198	1.227175
0	0.019953
46.48136	65.70433
1.142879	0.918954
16.30014	18.09376
0	0
0	0
4.012418	4.450016
3.793843	1.867419
40.70171	36.92483
11.65704	8.978735
179.0956	185.7939
0	0
7.033848	9.857034
4.814743	3.990528
0.681204	0.242838
5.627968	3.538322
0.119283	0.165365
61.71481	70.86638
122.2555	135.1737
24.37355	29.97773
9.171532	8.506382
0.168829	0.070216
144.8528	128.3992
0.309	0.220307
175.8674	211.4136
5.470626	8.133263
3.660117	6.960733
2.764683	2.248548
0	0.177013
0.149247	0.165524
27.2541	45.90542
1.409941	0.905306
40.68415	69.86643
222.8717	269.283
0.304347	0.128587
0	0.042505
0.163941	0
0.508909	0.564411
0.489258	0.054262
0	0
0.217156	0
0.127227	0.201575
59.80516	43.15287
0	0
155.0817	133.9952
13.42776	9.464885
0.201974	0.067201
0.465652	1.377163
1.349498	0.676275
1.854447	0.74041
69.93452	79.87142
4.024749	4.128616
0	0
0.044364	0.024601
53.17023	42.37541
0.0841	0.023318
0	0
0	0.054823
0.221607	0
17.50576	18.50002
2.104926	2.409194
0.083788	0

4.276625	2.724724
0.029453	0
1.05373	0.891865
12.61874	9.379595
22.85109	24.38613
0	0
373.6632	498.2898
0.158587	0.175883
39.53484	33.98425
1.34292	0.603456
5.688846	8.104157
6.713127	6.218489
0	0
0	0
76.70184	52.6887
0	0
170.3838	143.3695
0	0.083667
0.066474	0
1.744831	0.618164
14.42986	14.3819
27.42569	28.76895
0.499693	0.360224
11.33279	6.572991
0	0
1.896748	1.425779
18.84554	12.18241
3.765926	1.542723
10.04998	6.127592
0	0
1.256711	1.33446
0.129079	0.715781
64.42732	68.45508
0.064573	0.035808
0.085284	0.189171
20.41454	17.4864
6.08336	7.277816
0.014319	0
0.149023	0.351212
0.128945	0.095338
14.69936	11.4789
1.610932	0.966533
0.018451	0
15.66286	19.14748
0	0
0	0
7.214565	8.232202
0	0
0.104114	0.03849
0	0
1.581336	2.098808
6.158709	5.060206
0	0
1.260197	0.492125
0.347409	0.027521
0	0
4.532364	2.140543
36.79483	29.06477
0	0
1.278333	0.458684
0.827341	0.740497
0.525603	0.607215
7.571936	9.592674
0.415575	0.184359
0.21836	0.242174

0.078941	0.080254
7.866451	3.259441
0.042179	0.093557
0.072758	0.107591
0.443806	0.50918
9.999935	7.660257
1.207742	1.141021
6.747864	2.754325
0.83035	1.066316
120.4925	84.63976
0.183039	0
0.625417	0.882797
0	0
0.558163	0.338536
3.413712	3.224028
6.389817	3.906053
4.276049	1.755061
0	0
13.44786	21.57174
0.125365	0
0.141321	0.052244
0.208906	0.278027
0.045242	0.117077
2.672372	2.760822
0.062841	0.069694
0.206956	0.083464
0	0
5.471549	6.236845
23.28745	26.34591
2.07595	1.452255
3.144065	1.464275
38.62557	35.78536
0.954816	0.794211
0.423892	0.132222
0.501278	0.222379
0.564649	0.353956
40.13989	14.99933
0.003613	0
0	0.017069
8.520215	8.393156
25.10224	24.01763
22.80422	14.47707
0.129889	0.144055
4.432438	4.613144
5.25438	3.22871
1.255126	0.556804
0	0
1.015937	0.926832
31.71274	32.52609
0.092991	0.13751
11.1824	11.75461
0.068059	0.245315
11.12942	10.62835
0.099101	0.054955
0.036245	0.16079
0.056468	0.031313
3.02231	2.317617
8.201405	9.580774
87.72475	111.0808
0.615102	0.440578
30.48456	41.41631
6.546487	5.28561
12.41738	9.748455
0.402934	0.252583
3.453155	2.728897

2.209872	1.147636
1.105561	1.381834
0	0
4.432815	5.718709
3.934632	2.235307
0.597512	0.783163
0	0.649605
20.86841	32.66184
0.06868	0
0.26502	0.160322
0	0.456014
0.363081	0.115051
0.067266	0.074603
2.473642	1.584708
0	0
0.304248	0.359925
0.181408	0.125745
8.46086	12.52273
5.962415	8.30179
0.062876	0.023245
0.020283	0.022495
0	0
0	0.02843
0.156193	0.086614
9.512249	3.701893
0	0
0.27827	0.127078
11.47021	9.021244
9.61019	10.83359
0.105054	0.466045
21.30522	22.51326
61.1045	70.33505
0.273109	0.504825
0.153453	0.204226
0	0.03834
0	0.277654
21.53419	20.57188
3.286369	3.660494
10.51529	4.49767
0	0.09465
0	0
2.186969	2.502075
4.632452	4.626128
0.472307	0.04762
0.115475	0
0.530657	0.220699
0.899492	1.167912
28.05362	27.28341
0	0.055576
0.1289	0.428874
8.648029	8.135976
0	0.032557
0.215181	0.238649
18.47265	15.93842
0.149968	0
2.324905	2.016489
0.027327	0.015154
0.481116	0.381134
2.248388	0.788673
12.54804	9.458838
18.17399	14.97404
3.422739	4.877451
0	0
6.075122	5.423594
0	0

18.31637	19.59431
0.359844	0.245593
2.020112	2.905554
0.689376	0.764559
0.031436	0
0	0
0.561434	0.601194
10.21599	6.530071
27.89833	19.26542
0.038009	0.105384
1.259828	0.91357
0.023797	0.026393
1.737681	1.302158
0.093504	0.207404
0.469309	0.214321
1.521618	1.543945
0.055287	0
4.221205	1.170393
2.56322	3.084309
0	0
2.686719	1.806368
0.072082	0.026648
9.305588	22.53989
1.333332	1.028693
3.301805	3.159289
4.601468	2.995193
1.224779	1.77631
0.788405	0.382545
8.866922	12.06244
0.102793	0.266008
0.799783	1.379791
0.932197	1.260464
0.751979	0.647569
0.19938	0.199012
0.024511	0.081553
0.149504	0.118435
0	0.128707
3.306169	2.517465
0.526718	1.606446
0	0.034971
22.58834	23.94946
0	0.077325
0.201862	0.063965
0.84587	0.281437
5.709388	1.781644
2.408665	1.005687
1.762673	1.405598
2.016497	0.536217
0.018533	0.061664
3.296956	2.309384
0.636888	0.246151
7.61213	8.410518
2.872862	1.765005
15.24766	18.56849
0.014243	0
0	0.019064
0.23852	0.1984
1.586502	1.922173
0	0.164732
0	0.363367
0.727013	0.542421
89.96361	98.17872
0	0.462374
6.245107	6.342787
0.018434	0.143114

5.23518	4.37091
0.289225	1.283071
1.632025	3.12874
0	0
2.59038	2.416875
0.064696	0.023917
0.059556	0.049538
0.271834	0.844145
36.67179	33.73549
0.162064	0.107844
2.906331	2.320066
6.447023	7.245222
67.33417	50.68687
20.30848	23.73569
4.503995	4.359451
0.071611	0
0.625991	0.662704
2.639553	2.969852
0.269474	0.119545
34.78798	33.58874
0.854407	0.157932
0	0.064293
0.17062	0.105127
1.29863	1.577427
25.27187	26.16892
36.98793	50.31941
3.070359	3.977084
0.119975	0.133059
92.35099	90.75445
0.757437	0.458206
0	0
0.796218	0.582013
1.943608	1.493251
0	0.032434
0.066403	0.29458
0.065081	0
9.594471	14.25874
51.05935	34.65454
11.38508	18.6198
1.547199	1.07859
4.099326	2.162852
0	0
12.69006	7.909381
0.206326	0.019069
9.834907	8.473012
41.10486	61.13479
0.031474	0.034906
0.059872	0
4.462495	2.336258
33.17318	31.47876
0.569314	0.35078
0	0.06731
10.69175	8.253605
0.038691	0
6.083736	8.700979
0.001417	0.001572
958.9916	1138.157
27.76444	27.3433
28.37776	18.88627
0.051782	0.344578
0.236973	0
0	0.11233
0.027249	0.030221
23.90846	22.62878
11.48073	7.634242

64.12916	59.46143
0.091709	0.457698
0.577319	0.292303
0.342811	0.211221
0	0
1.963162	1.479212
45.52287	77.44978
10.416	3.769224
3.453219	1.308131
2.880319	2.531897
0.698587	0.677928
0	0.07012
0.104543	0.167475
8.967887	2.726407
0.258965	0.191472
0	0
0.083436	0.080969
0.192276	0.223401
6.105166	3.503257
8.877831	11.22739
3.379798	3.785886
1.042681	0.367944
1.606204	0.799001
0.314657	0.055101
0	0.022614
0.486384	0.836115
152.5351	230.8676
4.353405	6.272137
1.68166	1.894904
14.94187	11.29419
7.876395	19.92206
6.290269	4.642924
0	0.063231
7.092478	3.041926
0	0.064054
3.092065	3.763552
2.507071	2.126261
0.089753	0.074656
1.320998	1.671092
9.117017	12.46221
0.450784	0.423032
0.578661	0.490765
97.68337	70.74268
50.49194	71.32537
0.257678	0.210575
0	0
0	0.015234
0	0
0	0.024689
3.779314	4.579059
11.44219	12.32957
0.325987	0.391667
0	0
15.32502	10.35252
3.340922	1.551706
7.110381	7.661119
0	0
0.083004	0.092056
0	0
0.11268	0.249939
9.285889	11.05913
6.679075	4.403849
1.659555	0.947341
3.845571	3.353375
0.696736	0.472219

10.23681	7.714738
46.31055	40.02339
4.317531	2.736231
1.791899	1.07423
0.176097	0.0279
0.136944	0.360713
42.89303	36.41404
0	0
3.817194	3.97847
4.582727	5.714249
8.499547	5.959671
0	0
18.01849	16.29853
1.993449	0.984836
3.428537	5.893106
39.87379	38.49324
7.064432	5.573269
11.51298	11.72687
3.603859	2.664599
0.026567	0.029464
18.94459	13.20567
50.00447	65.67395
15.16947	14.3967
5.022019	8.343834
0.037651	0.125273
1.329484	1.130433
14.29673	19.29541
0	0
84.04523	110.8709
3.730262	4.510358
11.51191	6.775685
2.646115	4.623946
1.237902	0.05801
0.293509	0
0.272226	1.078267
0	0.047918
40.28503	26.88892
0.399916	0.83162
0	0.116118
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43.44133	39.89936
12.98599	11.84564
31.60136	25.59709
3.81764	1.819875
7.096041	5.267162
0.079548	0.044112
0.027705	0.215086
107.6098	123.5947
3.860733	2.621503
0.400759	0.239328
8.531176	7.257599
3.907566	8.340708
51.58311	47.92049
2.829551	4.586519
90.1785	64.60225
6.491815	7.952316
0.103527	0.06561
7.406857	2.496611
0.025149	0.146432
0	0.079147
34.55659	26.28227
23.37911	21.53958
0.239652	0.132894
0.188199	0.020872
47.54337	51.39525

0.249345	0.380241
1.387149	1.034464
0.096859	0.214846
33.5813	28.79979
0.139365	0.231846
5.675657	6.735941
102.1816	103.6702
7.980923	5.727331
0.146431	0.121801
0.672118	1.229942
29.2191	30.8924
1.871112	0.848936
3.397174	4.94507
0	0
8.23538	5.820618
15.49913	12.95475
0.537476	0.325989
0.014882	0
0.402759	0.274883
0	0.024444
0.05284	0.058603
2.337373	2.476756
0.111969	0.186271
29.54716	21.99302
37.10634	42.218
23.33187	28.68017
0.026065	0.072269
2.62919	2.740273
1.113245	1.814796
24.60118	24.03207
0.517391	0.662097
8.370143	8.330328
1.291795	1.544607
1.638657	0.53848
0.024182	0.01341
0	0
0	0
0.678636	0.385503
9.786877	9.675501
0.015471	0.017159
1.007904	0.447131
18.02466	16.44735
0.058107	0.032222
48.28729	42.65028
5.011497	2.298702
0	0
0.870989	0.504361
0.144894	0
0.081032	0.017974
5.012972	4.42041
0.032609	0.07233
0.428555	0.594117
29.39542	32.16612
0	0.039964
0.577254	0.391239
0.106985	0.062151
0.944116	0.398889
12.63692	18.08776
0	0
261.6447	275.5167
0.248699	0.146023
0.122863	0.272526
0.544431	0.386436
1.499184	1.892022
26.52988	20.50614

0.068985	0
2.123771	1.449472
1.149071	0.781077
3.226148	2.896472
85.21533	74.03266
4.950785	7.451694
0.03048	0.033804
0.086774	0
10.8907	7.60225
12.38354	17.26144
10.29704	10.94702
0.211901	0.235011
4.05891	6.618922
5.783178	6.101024
0.029108	0
0	0
0.502173	0.202524
8.132787	5.491051
0	0
1.458337	1.047322
0.077823	0.120834
7.797503	2.844706
0.128411	0.213624
0.734756	0.373491
0	0
0.105411	0
1.160503	0.346518
4.167556	1.848829
17.30492	13.85621
0.25035	0.416481
0.687671	0.871622
2.008568	1.699036
0.299937	0
14.80055	17.59599
0.122556	0.380582
26.27006	25.63012
1.059753	1.621145
0.274068	0.420865
0.48632	0.179786
3.114076	2.676617
2.126879	2.24588
0.57199	0.538255
0.645394	0.38175
2.077136	2.555634
2.412467	1.968818
0.071694	0
0.475762	0.311792
15.58286	18.69671
37.22045	43.30958
0	0
0.219954	0.06653
0	0.036656
0.289511	0.175137
3.126	2.318245
0.130304	0.062832
7.380588	2.053715
14.45126	15.16165
0.106422	0.047212
0	0.067146
0.276888	0.259842
0.712083	0.589174
3.742589	2.668345
0.303074	0.720273
9.394726	5.29678
8.982478	12.03423

14.71805	11.54381
10.33565	10.86138
0	0
9.541774	7.538154
0.027219	0
0.081053	0.089893
17.17913	17.03947
28.89362	19.67829
0.154573	0.028572
74.57568	62.6362
37.46422	32.74758
3.763674	1.767156
0.182073	0
0.274721	0
0.452412	0.324663
0.05213	0
376.7123	409.9383
0.697046	0.441752
0.328904	0.477012
4.989618	9.412043
3.860156	1.475018
1.153555	0.511745
3.692508	2.866651
5.838654	4.171182
3.073183	3.706279
0	0.327896
29.59697	30.55874
0.024677	0
44.44518	61.12636
0.051912	0
36.94803	26.25041
4.113626	3.905936
19.32495	21.67589
0.045341	0.217905
11.40281	13.47809
73.48531	53.41533
0.02206	0
9.82099	7.630975
7.635686	8.863563
0.540827	0.575817
78.97189	49.73088
24.23812	25.02052
0.075839	0
1.134747	0.719145
0.035888	0.119407
16.57007	18.42237
0.243837	0.326769
0	0
1.449066	1.434029
0	0
0.351767	0.292598
2.022881	1.664133
5.10478	3.786136
4.454357	2.997871
0.043327	0
0	0.09781
5.5719	6.338027
0.018245	0
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0.108988	0
16.25743	14.12985
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16.91349	11.51124
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0.132695	0.091979

0.662431	0.189594
7.997275	6.495046
0.174963	0.110883
1.250879	0.293467
0.010234	0.028374
0	0.072254
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0.150124	0.04757
2.187299	1.329724
1.083395	0.523753
0.017684	0
3.155758	2.044902
0.278729	0.231846
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3.628123	3.173708
0.045871	0.025437
8.274499	5.618524
1.542491	1.710716
0	0
11.88645	9.359785
6.789184	8.353866
10.85156	7.775057
0.857159	0.760513
0.047351	0.063018
93.32996	82.00428
1.44026	1.554165
0.192101	0.213051
0.136455	0
0.016219	0
0.010734	0
28.95464	16.09433
0.269591	1.166074
68.58801	68.6835
42.75974	46.81606
2.307283	1.240687
0.076025	0.056211
0.05967	0.066178
13.63377	11.10162
1.337256	1.207666
42.17156	53.28078
2.398811	1.251966
4.323774	2.640906
7.51901	7.606321
0.331893	0.126927
1.271909	1.328611
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14.81729	19.32123
2.243476	1.832359
0.073694	0
0	0.161368
2.825362	2.8773
0.140787	0.07807
1.667082	0.396192
25.93551	28.4714
0.162107	0.179786
0.656508	0.416061
6.448193	5.10817
1.631545	0.684669
6.813244	7.98201
11.06652	9.599342
0.032842	0.036423
0.929618	0.88924
46.45106	59.55957
0	0
2.193648	2.137994

0.385757	0.265548
2.127135	1.905445
0	0.923385
0.030294	0.016799
4.690168	6.298
2.540767	1.643755
0.654734	0.150236
0.192134	0.182648
0	0.056472
0.50415	0.271095
16.28426	12.98045
3.782815	3.114746
0.363081	0.20134
9.332275	6.526585
0.550588	0.694448
13.94654	10.08925
20.32661	25.81754
14.26788	21.2904
8.619674	6.366802
0.380679	0.321673
0.318721	0.141392
0.385633	0
0.379865	0.889398
3.110269	3.975112
5.188005	2.59547
0.083731	0
27.39762	24.66739
0.905777	0.152206
8.763395	5.708863
7.607753	4.694187
2.536196	2.259096
0.453189	1.005228
0.642978	0.237701
10.65908	14.85275
9.485496	1.103496
42.44918	53.12856
0.835575	0.423061
35.6475	28.30987
2.334237	2.206856
0	0
0.031149	0.017273
0	0
0	0
2.118376	3.610834
24.77886	28.56605
0.356616	0.276856
9.400595	9.014956
0.021365	0.04739
0	0
0	0
7.792395	8.300281
4.043973	4.643307
0	0.024331
0.108212	0.330039
0.183472	0.162785
122.6996	158.2165
15.03734	10.30685
1.20316	0.677779
0.951649	0.764282
14.6625	19.77629
0.281676	0.181391
1.66544	1.390271
0.588501	0.881123
16.10053	9.379054
26.75082	24.02207

0.115532	0.205011
0.100573	0.148722
4.080649	5.435056
7.606201	3.824202
4.175731	3.240294
0	0
18.75475	18.36082
0.062799	0.023216
2.892433	1.058156
11.7677	15.22628
33.95377	25.71421
2.000743	3.399236
0.544622	0.362411
0.076976	0
3.357196	4.336036
0.50085	1.193239
1.030844	0.809816
1.487973	1.597019
0.089141	0.098863
0.0923	0.136488
0.033078	0
1.120276	1.569416
4.759558	2.285597
0.044475	0.073988
0.961656	0.933218
6.508489	4.073325
0.080242	0.022248
4.212231	4.961183
1.063306	0.888492
14.77692	9.9124
0.6127	0.566268
0.266107	0.108732
1.175198	0.936221
0.044603	0.024734
0.203786	0.251124
6.695132	8.179442
11.46845	13.13015
12.04826	9.647959
0.021908	0
19.01675	23.05336
3.519036	2.607281
9.526143	4.356731
3.119084	3.090126
0.013754	0.076272
10.64994	5.026141
0.080334	0.216375
0	0
0.045667	0.013813
0	0.028105
0.171918	0.027238
0	0
0.380038	0.624422
0	0
0	0.121801
16.38904	13.0843
9.728264	6.578803
0.737259	0.348513
5.866477	3.524235
10.94931	5.427242
0.490691	0.44817
21.32825	31.37205
0.060514	0
1.475027	1.354882
52.1473	42.93775
2046.39	2266.275

2.606116	3.187877
17.17848	14.08369
0	0.0126
0.870038	1.15255
0	0.148241
12.92448	9.680454
16.75928	11.50943
0.677158	0.281628
2.804192	3.040908
61.07018	63.14502
1.132775	0.931555
0	0.226507
0.220725	0.174856
0	0
0	0
11.18725	12.89459
0.284802	0.631726
0.974676	0.43239
122.9526	87.11155
0.099144	0.084582
1.153367	1.080975
0.520963	0.469446
21.83403	10.84508
8.92623	7.699792
5.034072	2.193358
11.24762	14.49645
3.948851	5.31179
3.121342	5.072675
1.408983	0.584405
3.640769	2.088006
7.320209	6.263457
5.230872	4.416941
0.136066	0.090543
43.50863	40.19881
1.884446	2.15917
8.676649	6.563987
22.62632	25.90163
16.5565	20.834
0.518072	0.151204
0.051079	0.141625
0	0.121657
1.19607	1.406909
4.032574	2.645243
2.753088	1.123068
0.382367	0.37106
0.852452	3.308972
19.47645	6.084666
0	0
3.262662	2.777292
0.080181	0.088926
5.624247	6.104445
29.57044	29.52813
0.810612	1.198691
0	0
0.267328	1.062397
0.043176	0.047885
0.6332	0.979464
0.169897	0.153097
3.210174	2.712593
0.219093	0.011571
3.533569	3.27347
0	0
0.332683	0.338218
24.10314	40.45902
0.620485	0.305059

0.9448	2.544757
2.47882	2.155447
0	0
0.455803	0.108324
3.116501	1.15213
0.379157	0.508113
2.507071	2.224396
0.049042	0
2.910807	6.147435
12.28071	4.42073
2.201787	1.763606
0.282213	0.031299
0	0
8.636613	6.727959
1.409213	1.795401
0.493733	0.342237
37.36229	30.44147
45.91329	40.0956
0	0
12.53159	13.26496
0.228156	0.126519
10.31666	11.74784
1.150941	0.354573
0.305621	0.152528
0	0
14.37671	11.92417
0.793443	1.627956
0	0.042322
0.06075	0
20.9903	27.97297
0.030427	0.151856
32.37435	19.81609
0.030023	0.033297
3.552984	2.070419
5.255386	4.376248
0	0
0.438937	0.503594
5.13998	3.499348
6.497465	4.964191
1.872158	2.097525
1.468398	2.004361
0.051739	0
1.898639	1.383311
0.292544	0.274534
9.89659	9.890945
0	0.083414
0.028757	0.191361
0	0
0.301221	0.137559
0.117478	0.08686
33.44406	35.74955
0.058206	0.129109
0.300464	1.226905
0.534573	1.439838
0.096859	0
53.18252	45.46882
0.407573	0.234382
0.329373	0.182648
23.68652	22.55237
0.770855	0.537382
0.279951	0.137992
0.290805	0.16126
9.744179	7.293416
9.12077	14.32811
166.9639	142.1079

0.026153	0
13.36258	15.92725
0.736208	0.748458
0.643626	0.484378
4.162167	3.865777
3.293533	4.227056
2.346063	4.119718
0	0
432.6446	541.0848
9.857218	5.641914
4.822446	4.304798
0.154062	0.284773
0.917088	1.383265
0	0.090794
2.80712	1.666513
0.029314	0.032511
6.082513	4.207729
42.53677	43.53393
0.154665	0
0.032303	0.071653
1.173742	1.256863
1.776218	1.522221
27.00923	32.9694
1.98209	1.083649
4.19158	3.823689
0	0.098509
6.90871	6.799551
0	0
0.135858	0.452023
0.012545	0.027827
15.99376	14.90489
0.034002	0.113129
107.2295	107.2373
4.927531	2.623167
0.045945	0.084926
0	0
10.29064	5.658921
0.044269	0
10.52828	8.14845
37.20268	32.75872
4.444282	11.86497
4.469124	7.340685
3.306402	3.74849
221.7153	139.9567
1.170053	1.051269
52.74121	61.46551
5.272685	3.263848
16.19903	11.33029
0	0
1.983297	0.777906
5.001	1.805535
1.628219	1.301851
0.468698	0.225253
5.878048	5.500502
0.55066	0.229018
0.09044	0.050152
0	0
1.317882	0.605314
0.43308	0.246827
0.139591	0.111811
0	0
37.20648	39.2812
3.237033	4.851442
66.23919	65.67838
0	0

1.160597	1.287173
3.971615	1.932702
0.342077	0.252922
16.23373	23.55673
0	0
7.798217	6.256064
0	0.140336
0	0
23.23611	14.70623
0.053833	0.019901
1.336458	1.165624
11.34164	13.79831
0.102804	0.076011
0.829995	0.812219
2.399817	2.096523
0.034483	0.057366
2.94227	1.991079
2.27143	2.074154
0.197352	0.043775
0	0
27.23538	19.1363
0	0.012844
0.703933	0.234211
7.717295	9.497674
0.242934	0.192449
0.39953	0.336758
47.41484	33.65665
1.106155	1.612356
0	0
1.12157	0.444246
0.541599	0.081909
0.414505	0.459711
11.7746	9.656341
1.61021	2.479344
14.64759	16.58045
16.11222	13.96342
4.902205	2.949231
4.680396	1.933325
0.690231	0.313733
12.08469	11.73127
0.253209	0.028082
2.016193	1.20573
21.38507	15.15616
38.08691	32.70313
10.35031	9.651768
0.806085	0.528271
4.892846	5.663542
0.411171	0.912028
2.689752	1.975017
0.068491	0.05697
3.901719	7.280761
1.335202	0.524457
3.9467	2.438998
0.129348	0
8.869555	11.85096
9.515614	9.287621
0.184143	0
0.44944	0.071208
33.78697	22.05526
6.149436	3.214682
0.115296	0
38.34501	35.31722
0	0
4.680049	3.58774
5.703774	5.055288

2.091847	3.731111
19.88366	29.77989
72.1924	80.38037
8.35986	9.188811
2.085285	1.679467
5.080963	8.246483
0	0.020433
0.26184	0.085411
30.31517	15.69234
0.075571	0.51485
34.56222	26.23374
0.499358	0.646122
2.51126	0.503695
0	0.036961
0.935043	0.622212
60.47237	37.1061
1834.501	1740.439
1.900619	1.264741
7.460616	4.924204
40.40176	55.60546
0.035831	0
3.440776	3.582828
0.766032	0.573464
18.99369	20.40622
0	0.062277
51.54479	24.56409
26.10833	33.87223
13.0197	15.51905
8.429831	11.08582
0.13368	0
5.961013	5.819653
0.112273	0.456564
46.17843	41.94086
6.604301	1.629672
1.962813	2.291452
2.88598	1.671176
0.605135	0.498555
0	0
3.284929	4.272638
7.665048	7.207373
7.098255	15.30556
0	0.046652
2.797936	2.088904
3.622976	3.852973
6.493328	10.72826
0.072222	0
11.04312	5.261887
0.035992	0
3.216623	4.10591
0.322555	0.227648
3.815939	6.218609
2.586954	1.289011
18.3003	20.44964
4.710727	5.749696
0	0.073214
0.788514	0.608355
21.81651	25.94341
10.95829	8.493958
4.582535	2.039297
5.039378	7.984253
0.121102	0.042735
1.28203	0.446867
4.260281	1.189488
0	0
5.074211	3.797492

2.159778	2.981732
0.01177	0.156644
0	0
1.826085	2.592306
0.81446	0.347417
0.713642	1.068488
1.32741	0.401845
3.169572	2.218464
17.45096	16.32924
0	0.049681
18.21841	13.84365
0.165712	0.061262
13.3395	12.16312
0.132759	0.073619
2.328258	1.787663
0.349159	0.211221
13.33476	10.85258
0.705232	0.674601
130.5661	132.2404
47.75046	53.52155
16.52945	14.29349
0.149607	0
0.983042	0.401672
0.081729	0.075535
0	0
0	0
10.09947	11.56817
58.97281	44.4448
39.00445	49.66326
0.851234	0.53104
3.399916	3.850602
31.84289	18.03249
1.489609	0.90313
11.6837	3.997911
6.165672	1.709526
21.18209	24.34776
0.35357	0.235278
3.991863	3.30729
0.19738	0.072969
0.149247	0.137937
0.813156	0.530494
0.045089	0
2.093296	1.642488
40.85786	45.62936
9.198367	11.10196
17.35594	21.50316
9.06313	9.115388
1.188019	0.515577
2.304074	2.243254
0.022225	0.024649
0.094966	0.117026
0.493287	0.39788
4.417249	3.439195
0.093645	0.103858
0.352766	0.216211
0.283104	0.120761
0.425424	0.610592
0	0.01636
168.2847	214.7475
0	0
8.657238	6.716862
13.28152	11.95902
33.77619	29.92298
1.517398	1.061822
0.33105	0.178014

6.718942	9.404949
24.22129	13.50183
0.084808	0.179563
75.73914	87.68951
0.692477	0.645818
8.450389	7.809997
0.806323	0.335348
4.518103	1.950946
1.259734	1.097738
1.031179	0.784068
11.09638	9.181085
0.124236	0.034446
0	0.157751
1.696096	2.025771
1.185102	1.231339
2.78637	1.926864
2.192842	0.943759
1.215318	0.586027
233.6791	123.9446
0	0
38.20914	44.04451
0	0.215856
9.188193	8.418046
0	0.161449
3.338521	1.624892
11.32602	8.163049
2.295466	0.484916
12.13543	13.76518
5.530644	8.394332
0.946859	0.300035
0	0
23.8962	20.88685
0	0
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0.281077	0.45028
0.015682	0
3.241825	2.484766
0.488134	0.853699
18.44244	8.401893
0.06184	0
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0	0.25503
13.81426	10.2639
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2.82811	2.115345
0	0
0.040463	0.062827
6.595975	12.2146
0.383252	0.294266
10.14782	8.872201
0.547503	0.323848
6.977847	6.528206
2.606446	0.889448
0	0.17862
0.08345	0.046276
1.064955	1.41732
1.607427	2.700319
0.155266	0.258299
2.323221	2.668614
0.242583	0.237387
0	0
1.842823	2.043803
0.098551	0.109299
0.047455	0.017543

16.92443	17.7501
1.817022	1.461306
0	0
8.846367	10.89129
0	0
0.412955	0.338516
0.015766	0.122399
0.125175	0.138827
6.035112	3.168955
0.138032	0
6.265649	6.085627
21.11932	14.78823
0.077415	0.114477
0	0
2.82763	4.075141
2.159544	1.975929
0.0657	0.072866
12.64547	20.31148
0	0
3.251932	2.552356
0.032574	0
2.331738	2.972016
10.87653	12.02408
16.06006	15.47157
56.18145	47.72276
22.33479	23.97053
12.58974	8.589507
0	0.037699
39.88876	28.50723
1.283035	0.689248
0.594449	0.146507
12.15591	14.49913
0.977746	0.424323
26.06364	17.99398
4.487919	3.992548
0.050368	0.055861
0.280619	0
1.611365	0.437658
2.561375	1.79208
0.115942	0.042862
1.038544	2.103303
0.473565	0.552855
1.730427	0.716791
0.154971	0.046874
14.54164	14.43392
0.083264	0.030781
10.65656	9.425368
135.7388	118.046
0.827148	0.434538
3.775554	1.134066
9.222455	12.73315
10.26595	13.40119
2.37903	1.962779
1.720465	0.853441
0.104876	0
0.042907	0
0	0.419867
0.01745	0.019353
0.036298	0.040256
9.295404	16.26953
21.02561	17.20857
0.773936	0.524543
0.128358	0.071179
1.564102	1.23486
0	0.204761

0	0.035096
1.188	1.699289
0.553171	0.788786
12.16014	14.29682
0.141936	0
0	0
0.245546	0.121034
5.792121	5.871624
0.149878	0.083112
8.371809	11.64631
1.923045	1.581445
0	0.029693
3.34576	3.088506
4.347093	4.901277
0.154381	0.513654
0.037222	0.020641
0	0
8.205208	6.723795
0.045154	0
12.5366	16.26791
0.932386	1.92042
1.296478	0.753172
0	0.140958
0.166589	0.309267
0.053066	0
1.014882	1.3573
16.91404	46.32483
0.309524	0.242316
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10.03903	10.08263
0.267232	0.098792
10.02591	15.81258
0.689854	0.292535
0.268442	0.297719
23.52111	26.15317
0.778031	0.604019
0.036883	0
3.019346	1.111523
7.010266	6.753877
0.374017	0
0.039842	0.058916
12.72517	13.18741
1.931929	0.81924
14.63293	11.8516
7.891339	3.148859
1.016776	0.140958
38.61898	28.44693
0.165502	2.097735
19.18047	19.89744
3.011995	1.544187
10.35874	9.052627
0.135434	0.311138
22.61913	15.59368
1.445968	1.824862
1.812966	1.404291
0.129168	0.047752
2.957805	1.917303
0.0436	0
7.791509	5.015555
6.779602	7.71686
24.66208	14.44605
0.620042	0.504287
0.110034	0.122035
2.525233	2.112213
2.854569	2.482839

1.240234	0.708589
0.28706	0.591252
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1.432665	0.157318
50.27793	43.24781
0.318511	0.12616
0	0
0.447473	0.372206
1.254475	0.920392
4.705151	6.623226
9.96561	10.0163
4.639243	3.065227
0	0.034777
0.959118	0.780061
5.3186	2.493244
18.38827	12.11611
2.81495	1.465406
8.224044	6.776311
0.046542	0.017206
0	0
0.072744	0.040339
0.04725	0
10.75654	10.83598
6.558474	2.78827
0.419034	0.116184
0.037357	0
4.606703	4.91465
1.038146	0.415771
11.00192	9.133514
0.218104	0.16126
1.275259	0.66676
5.22039	7.011126
0	0
0.605726	0.671787
0.421285	0.233615
0.208812	0
0.420928	0.200072
6.031136	2.844344
4.155654	5.499224
0.084129	0.419867
0.113643	0.084025
7.192678	5.27034
0.070261	0.103898
0.272311	0.151005
1.285238	0.424881
0.088338	0.13063
0	0.043719
0.192517	0.427027
1.522886	0.649605
0.084884	0.080693
6.772305	1.334173
5.571534	2.566732
0	0.048052
0.250977	0.053019
0.296661	0.117505
0	0
11.27094	4.894759
0.181806	0
0.097775	0.108438
0.247586	0.021122
0.02454	0
6.256326	7.960071
22.03298	25.0505
0	0
0.103824	0.115147

0.015037	0.10006
0.526071	0.501762
10.62654	10.45651
9.832163	5.115416
0.243956	0.135281
2.093652	1.060807
0.103177	0.100126
1.145514	0.078181
139.2718	152.621
0	0
3.601924	1.963136
0.05484	0.060821
1.692863	1.353144
0.259274	0.205393
4.506306	4.581287
18.07365	21.70963
0.154402	0.076107
50.33154	66.64602
21.9854	19.76866
0	0
2.630934	3.564339
0	0
0.63354	0.351317
0.094862	0.052604
0.040713	0.045153
0.46364	0.105866
6.222281	9.580845
1.00662	1.275889
2.359967	1.637283
0.060455	0.067048
2.80166	3.554805
12.34147	9.222755
0.857905	2.552352
0	0
0.768878	0.575594
36.15186	23.9696
11.34878	11.18304
34.21991	13.81928
11.14828	5.326579
0.031796	0.035264
0	0
0.075967	0.084252
6.545097	9.746231
1.14019	0.612511
4.850397	4.154973
0.321822	0.219643
0.039122	0.065083
28.62349	25.79035
5.379515	2.781241
0.236973	0
0	0.094977
0.440092	0.337908
5.253335	1.302921
0.300906	0.111241
42.47299	36.24446
0	0.019213
0.918672	1.146221
1998.78	1609.596
0	0
16.40216	24.66452
7.479262	8.095078
0.012978	0
3.68959	2.610401
12.26422	5.801331
0	0.094068

0.451541	0.417322
6.923975	1.523129
0.356139	0.26332
1.123882	0.370567
55.65105	57.92888
0.480053	0.266204
0.84373	1.193885
0.805576	1.021066
1.213919	0.701203
0.102454	0
3.811569	3.236498
10.58154	8.059371
5.426879	6.91528
4.720637	7.050112
31.69837	23.53379
7.623219	2.442444
0	0
0.014671	0.016271
1.147882	0.936081
3.555291	4.725843
0.009271	0.020564
4.214657	3.92039
1.53331	0.836771
0.18237	0.112366
1.129353	0.702634
20.659	15.35597
0	0
0.068059	0
1.325087	1.581785
1.444899	1.634855
52.4809	57.50728
0	0
0.0372	0.020629
0.596989	0.122611
0	0
0.226241	0.179225
0.325204	0.090168
0.400064	0.307174
47.53216	43.11926
0	0.028466
0	0.012023
2.200035	1.541823
0.165565	0.183622
1.29821	0.539923
67.84342	72.13157
0.058767	0.032588
9.077829	7.74354
18.99939	20.62559
0.123188	0
0.067303	0
0	0
0	0
0.066474	0
16.65772	13.71348
23.60542	30.27006
0.154215	0.171034
0.234086	0.219675
41.48418	51.71387
0	0
0.102454	0.113627
1.091388	1.462182
1.204671	1.524471
1.479552	1.91189
0.512186	0.180112
3.284193	2.688416

6.603325	4.723434
0	0
0.029979	0
1.967923	1.319121
0.621434	0.313276
0.090407	0.125333
0.739606	1.130639
0.224288	0.022614
39.52526	41.57827
0	0
152.4172	140.2141
0.798117	0.626989
1.503879	1.682272
0	0.034343
4.989429	6.289018
38.53669	28.06684
0	0
0	0
0.319028	0.239685
0	0.466045
0.016156	0.035836
0.060133	0.133381
0	0
0.046426	0.051489
0	0
0	0.060668
4.680069	4.448984
0.301881	0.334805
3.321751	2.731973
13.13725	10.32089
3.687189	4.142563
0.533262	0.380198
0.146087	0
15.49747	9.360403
0	0.074081
0.01911	0
2.750685	1.249325
1.132103	0.881102
1.25569	2.166323
5.322907	2.917524
0	0
0.403162	0.223565
0.019312	0
0.113318	0.062838
0.876333	0.942455
0	0
3.040163	4.870271
0.071584	0
0.453465	0.37719
0	0.160883
17.6924	14.84741
6.070612	1.716173
0	0.087383
0.043509	0.144761
0.366338	0.308781
0.430615	0.260497
0.007397	0.008204
10.04096	13.33236
0.042967	0.047653
1.286775	0.570845
0	0
3.948089	2.542454
0.079213	0.087852
17.97428	22.19201
0.288106	0

0.258034	0.044027
0.01179	0.013076
0.712586	0.815794
0.880098	0.399306
0.179962	0
0	0.036298
0.064497	0.019508
19.34591	20.49112
0	0
0.058079	0.064414
5.435584	4.595685
0.069351	0.076915
1.524406	1.280071
5.650357	5.246941
0.200604	0.05562
81.30728	61.64604
1.459867	0.864558
0.28071	0.110693
0	0
0.893224	1.320853
2.092816	2.413441
3.077113	0.785224
1.818489	0.441551
3.807887	2.9359
116.179	97.156
23.56529	26.18929
0.172029	0.086723
1.736002	1.141447
0.376109	0.278085
2.823068	2.605319
2.025779	2.687847
186.2912	223.8651
1.069147	1.496302
5.62621	3.009791
16.34412	13.51816
3.51794	1.159938
0.15234	0.018773
0.569604	0.157932
0.599632	0.526481
0	0
0	0.101102
0.069604	0.019299
1.615135	1.578758
10.80551	1.721453
5.600867	7.199928
0.04843	0.107423
0.067966	0.150757
1.02699	0.816934
16.51572	16.6826
0.777002	1.040595
0.067024	0.099112
2.387957	3.101106
108.7515	73.69972
0.703819	0.529678
26.18749	29.95714
5.079969	5.081961
8.708052	7.443818
0.90698	0.36578
2.190182	1.936195
1.177162	0.447615
0.058962	0.130785
2.351776	1.238925
0.012911	0.028637
0.365437	0.363724
0	0.02033

0.036978	0
0.029369	0.097717
0	0.058853
0.098394	0.272814
0.188428	0
0.025487	0
1.756961	2.897558
0.079497	0
4.880899	3.822601
0.21961	0.139178
0.116123	0.193181
0.198361	0.329991
0.645005	1.107638
0	0.05784
6.607917	2.773665
211.4185	236.1826
0.231197	0
0.429667	0.387178
23.81538	18.93411
0.927259	1.094028
0.910273	0.417744
0.2529	0.560962
0.066144	0
0.390484	0
1.354379	1.279006
14.26607	8.996278
1.058687	0.340882
35.7741	54.57142
0.388043	0.215182
0.843133	0.756027
0.346232	0.054856
16.51738	12.82176
4.269403	4.766437
16.18685	19.24829
3.392503	1.85858
0.059795	0.044211
0	0
0.974259	0.720342
0	0
0.513468	0.450829
0.221667	0.067048
9.624252	5.191915
0.142371	0.200962
149.0849	130.7034
3.113066	3.556753
0	0.117405
0.093787	0.416061
0.098084	0
0.127803	0.028348
9.931642	11.91703
0.028145	0.062428
8.180733	4.987108
9.517977	8.429474
0	0.055823
0	0.050949
0.554701	0.65914
0.035407	0.019634
0	0
0.274417	0.076086
0	0.333723
0.029121	0.032297
9.898964	6.619422
3.132824	2.368973
0	0
0.113297	0.09424

12.20989	16.46223
0	0.073253
0.146976	0.139719
8.887026	11.77024
0.021626	0.23984
0.151063	1.172766
0.280936	0
1.058846	0.640541
7.457303	9.748348
0	0
7.42022	3.969083
3.392808	1.989161
7.597551	4.99293
0.041285	0.081764
0.302273	0.201144
3.108044	0.902788
3.165316	3.16523
0.015364	0.01704
3.154714	1.411268
1.896091	1.342264
0.137057	0.405346
0.08058	0.044684
0.021096	0
0.236521	0.374738
0.5845	0.216082
0.09723	0.035945
0	0.087717
2.038345	2.240282
2.422105	2.686262
0	0
1.909159	1.334235
0.680292	0.263615
14.07475	15.60975
5.860554	4.093848
0.533917	0.422962
0.033148	0.018382
2.00995	1.632375
0.167954	0.620903
0	0.012871
0.816367	0.071479
7.443289	4.947382
0.304182	0.18742
0.101865	0.056487
0.591095	0.29136
770.3016	897.2942
15.30036	9.796474
18.5981	8.219552
0.592782	0.438288
1.014492	0.825097
0.026739	0.029655
0.094934	0.105288
1.634204	0.585116
13.19735	6.863874
1.197664	0.478182
0.023341	0.017258
29.70161	27.91329
2.572369	1.164639
0.047457	0.045113
0	0.082962
0.392069	0.217414
0.282021	0.172028
8.039898	6.380599
0.686373	0.761229
11.71148	10.67568
0.177576	0.089519

0.457699	0.203046
13.26432	18.06563
0	0.028751
0.068554	0.050687
2.784318	2.428958
62.48592	67.15348
0.215852	0.174104
0.113416	0.107815
1.85334	2.008752
80.35856	60.94634
0.169174	0.938122
0.042482	0
0.338246	0.125045
0.111969	0.020697
1.854999	4.211963
0.545153	0.604608
0.58883	0.576219
0.095764	0.106208
4.359612	4.36824
0.137209	0.152173
0.06868	0.203121
0	0.037876
0	0
1.463215	2.858332
72.05577	74.22455
0.21751	0.268035
12.16024	7.723518
0.975187	1.048767
0.101383	0
0	0
0.123412	0.059509
1.424011	8.172955
0	0
261.49	166.5722
29.97661	24.59845
0	0
9.253334	6.148048
6.286279	6.238824
0.480053	0.591565
44.49159	46.20184
0.502219	0.34812
0.124798	0.11534
3.294114	3.282741
1.226248	0.375785
0.126129	0.052457
2.847297	2.806956
0.075762	0
0.548675	0.54446
12.85585	6.798149
2.220914	1.751558
0.152174	0
0.122459	0
0.047467	0
0.079484	0.066114
105.3226	126.9168
0.640311	1.020025
0	0.025588
0.198487	0.132081
0.640071	0.157751
11.31437	11.8547
5.237344	8.014875
4.64653	3.625953
1.183688	1.043033
0.307361	0.127831
0	0

0.047588	0.035186
2.025749	1.440619
6.516004	5.458423
1.108694	0.541028
3.439717	3.43337
0	0.017715
29.28873	36.54077
45.10037	51.92861
0.095518	0.052968
0	0.020348
0	0.050818
0.506749	0.562015
3.173628	3.519746
2.97168	3.266348
16.10567	22.40924
3.080531	2.180264
0	0.064838
11.79777	6.998654
0	0
0.033237	0
0.509745	0.621872
5.189352	3.071781
16.8183	15.89203
993.7938	682.3148
0.089786	0.099578
0.117413	0.162772
0.765014	0.803791
1.079772	1.026457
0	0.010465
12.5309	16.29449
0.066784	0.024689
1.341669	0.872271
0.052975	0.058753
9.954321	13.94147
0.110279	0
147.521	194.3902
3.447018	1.754061
7.390099	5.222439
0.149824	0.099698
0.247753	0.219818
0.687504	0.586526
0.154062	0.683455
2.822131	2.645524
0.021862	0
0	0
16.65671	19.05166
0.033458	0.037107
10.37776	13.80152
1.546325	1.109685
0.073015	0.161956
4.633241	2.613641
0	0
2.016888	1.637283
0.998419	0.348597
0.466819	0.172577
0.825882	0.772274
0.352433	0.325724
6.523495	5.411668
1.060883	0.672333
0	0
0.928981	0.257574
0	0
0.034998	0.038815
0.962055	0.952658
52.62888	55.17839

1.678024	1.374133
3.78342	2.366998
2.181108	2.418982
4.193949	3.648113
1.393805	0.792726
0.881839	1.708321
0.135561	0.125288
0.511284	0.13231
2.398616	2.80859
0.667601	0
1.706091	2.374013
8.433137	9.537927
0.139365	0
13.27399	20.4142
4.910508	4.402748
0.184234	0.408654
0.196064	0.072482
16.72754	16.32434
3.658203	5.137818
104.429	91.16719
9.842864	6.363128
0	0
10.81042	13.26242
2.644658	1.670292
1.018523	0.803451
0	0
4.254012	3.9695
0.067855	0
1126.525	1372.016
2.355102	2.240081
56.82016	65.18758
4.212706	2.879146
1.579171	4.711822
471.1168	590.0939
0.019751	0.010952
0	0
1.471606	1.570123
2.323778	3.057011
0	0
0.157049	0.367708
0.102599	0.146299
4.781912	6.081652
0.140787	0
20.73258	25.00206
1.939253	0.990028
2.47575	1.441036
62.35358	76.60763
18.24691	9.724241
16.90541	18.37592
11.6842	9.351105
1.063587	4.423435
0.016636	0.129155
0.330054	0.020336
6.235662	4.663278
0	0
1.892784	2.653722
5.173907	5.064566
0.525869	0.418398
0.26197	0.072635
0.492949	0.956743
0.971727	0.201172
0.590804	0.131047
35.01377	41.25806
100.92	96.7759
0.748326	0.508672

13.36066	12.00414
24.60046	22.54851
7.586329	5.368251
2.423103	1.434782
17.21906	7.678425
1.252874	2.779028
4.939311	4.66907
2.627217	2.076461
0.019729	0.065642
3.917595	5.799601
1.520169	0.488041
0.659261	0.258057
15.42936	17.1121
0	0
27.67426	21.89927
0	0.100965
1.661934	0.962858
0	0
0.77702	0.828618
56.57542	61.08471
3.817061	2.5797
2.812866	5.289824
4.041322	7.122197
212.3193	252.3273
0.349785	0
0.519435	0.288042
21.41318	10.05228
13.58752	11.44078
0.842116	0.254716
0.313118	0
1.478259	1.25372
1.467703	1.797331
3.52272	3.359386
9.860458	13.99034
13.34686	13.35418
9.569923	8.554062
48.71729	35.54915
3.2467	2.470694
2.277318	3.146028
0.095616	0.035348
28.64085	23.95524
0.670222	0.489913
1.010456	0.871622
4.59354	4.909634
11.35303	9.53084
0.179572	0.22405
0.034058	0.075544
76.99544	52.77437
0.273407	0.311889
0.987073	1.14946
17.43494	25.13733
2.892246	3.469043
8.186723	6.5982
19.16639	22.74919
0.336438	0.404225
7.557541	8.667765
7.656956	6.790079
69.85126	92.51027
0.135266	0
0	0
11.25361	7.86743
3.821655	2.662899
8.925193	6.263103
6.428588	3.065
1.811144	2.339364

4.116687	2.756623
0.054367	0.060296
17.54162	13.21967
0.249436	0.251491
9.423564	8.868199
0.070075	0.116577
1.668102	1.621452
41.60201	30.58324
17.50842	9.826777
6.657794	7.747997
10.71921	7.72419
14.08497	9.889282
33.9799	38.24367
0.088822	0.098509
1.208432	0.882587
0.061609	0.085411
2.771736	1.776103
0	0
0	0
0.203951	0.178574
15.11188	15.13193
2.277413	2.240424
10.39805	7.554339
0.013179	0
92.21058	81.5696
1.370457	2.058625
0.24664	0.126249
6.378638	6.058439
0.018987	0.021058
19.49089	23.29867
9.973233	19.47345
1.367256	1.342361
0.153091	0.056596
6.125773	5.1053
0.01239	0
0.086532	0
4.626387	1.422867
7.119914	5.138667
0.356821	0.593605
1.985618	3.025748
195.438	202.0606
0.727777	0.640152
0.059556	0.066051
2.245363	3.555836
0.519369	0.378522
9.827455	14.03656
23.36659	16.7702
7.884049	9.496438
0.612196	0.396062
4.117472	2.920583
10.17766	9.723483
4.016991	3.895872
26.8816	24.39585
0.045568	0.012635
9.588	8.397334
1.303925	1.112409
15.45798	12.30115
1.403093	2.204498
3.851254	3.624112
0.49769	0.413977
9.641181	17.87477
2.293605	2.499508
4.779083	4.15799
0.3338	0.222123
0.035367	0

3.014813	2.360792
63.57008	50.33914
2.540083	2.132952
2.218379	2.644841
7.913341	7.683666
1.74124	5.3899
0.229951	0.102012
1.999259	2.54624
0.658747	0.395736
3.693422	4.562889
3.890898	3.029244
38.47757	30.34558
14.34663	6.769105
11.59466	12.43427
0	0.20778
5.064841	4.155747
0.500701	0.444246
0.011363	0.012602
3.011363	2.722922
1.124432	0.75835
0.444953	0.052873
0.848568	0.784261
2.51545	1.6999
0.129798	0.079975
0.13736	1.066387
2.464443	2.164925
0.238556	0.25307
8.53534	6.700481
0	0.038127
2.037785	3.594897
32.0217	41.30042
276.94	260.5347
0.301334	0.38767
0.178411	0.395736
0.053671	0.059525
2.62427	1.747825
18.26959	22.81544
6.010068	6.642704
0	0.065767
17.6591	22.8682
0	0.138757
0.013085	0.058047
0	0
83.01464	64.04132
1.521864	1.845181
1.075098	5.961743
1.052642	1.125374
5.543472	4.00338
0	0.019037
4.513735	4.469649
1.166413	0.966321
74.84446	57.24876
0.019057	0
0.804389	1.552943
0.446347	0.099005
5.282361	0.764147
0.087735	0.032434
1.713993	1.94565
23.11498	21.46978
5.578682	5.280368
3.920399	4.718
1.727771	1.819912
3.876759	3.094382
1.91286	4.614514
14.79869	13.53835

33.02835	32.27844
4.969555	9.181887
42.02178	41.74508
0.199545	0.079038
6.660414	11.21852
0.385035	0.133446
0.372894	0
0.526904	1.733628
0.497453	0.236445
6.071309	4.144922
0.014322	0.015884
3.889781	2.986618
2.432179	2.820045
12.92245	13.71698
0.064472	0
15.77026	10.57194
0	0.373215
5.036791	3.203315
20.50213	22.24578
0.089334	0
0.026197	0
5.20336	1.872802
0.080632	0.178852
41.55875	33.35053
0.048302	0
50.03023	57.66081
10.13753	9.45335
38.32835	28.74751
3.617453	3.403634
18.50138	15.32989
2.783944	3.891426
2.00502	2.554066
15.82538	20.82704
0	0.030065
0	0.162978
1.080712	0.179786
3.973953	4.352944
0.84472	0.390352
5.621362	6.175618
2.378808	5.012661
117.6186	96.59156
2.024161	1.741385
0.093551	0.276678
0.38299	0.094391
16.34607	23.27049
0	0
0.289922	0.144694
3.895648	1.35016
2.239874	0.698249
0.095309	0.045301
8.093784	4.631919
2.249872	1.6458
0.310293	0.156425
0.012846	0
0.030154	0
7.669494	6.261967
6.923258	8.387556
28.09693	28.72528
2.656123	6.075718
0	0
2.240668	1.536205
0	0.058487
0	0
0.205076	0.341163
14.17162	11.34692

2.343542	1.657417
5.01471	14.64181
26.07508	15.55365
2.246299	2.177066
2.445758	2.451049
14.06295	14.0952
0.11881	0.18824
0.278774	0.353345
1.161512	0.853799
9.99115	11.60989
0.564793	0.656218
2.164858	2.9294
0	0.062202
5.831785	7.219573
0.183327	0.169434
5.258046	4.548048
0.170867	0.06891
11.81579	11.45296
7.366393	6.309829
12.30148	14.68974
0.257089	0.183296
0	0
7.954644	9.259066
15.61011	24.61158
11.44076	5.337598
0.430887	0.217218
0	0
0.244116	0.40611
6.378519	7.315082
5.136615	4.72577
4.861784	7.542304
0.719934	0.204562
0	0
1.207525	0.803531
4.188015	3.155304
0.901843	1.489185
16.16891	16.616
0	0.089387
0.088611	0.524134
3.598356	2.908546
0.071777	2.467748
0.160233	0.154529
0	0.018016
0.960411	0.81935
0	0
1.957403	2.529702
0	0.058853
4.487488	1.681085
0	0
0.059356	0
0.32256	0.211993
16.52745	13.62662
0	0
0.358194	0.430363
7.334186	5.652915
434.5045	478.0963
0	0.146663
29.2951	31.81826
2.629562	5.508651
138.7999	99.06012
2.373692	3.70205
0.036869	0.04089
4.414979	2.503134
0.280813	0.110511
1.468522	1.443135

0	0.026212
0.246753	0.273664
9.005584	9.969842
4.647988	2.490748
1.795029	0.849016
16.30237	24.60183
0	0
0	0.05636
0.031137	0.034533
19.06317	11.67362
5.764304	4.432831
0.306602	0.136016
0.476544	0.075502
3.280251	2.860411
0	0.022666
0	0
15.86462	13.92814
0.585098	0.943868
0.171324	0.066282
1.274511	0.47117
17.61832	12.26623
3.126353	3.54242
4.068081	3.535403
0.380632	0.422144
5.669404	2.913819
0	0
9.832696	12.66936
0.02119	0.047002
1.024536	2.272546
0.19463	0.242838
0.11434	0
23.65856	23.07718
1.852697	1.170732
0	0.044947
6.715929	6.291794
0.083115	0
0.024215	0.214846
7.947548	12.48202
0.623628	0.691642
0.897209	1.233874
2.723109	3.304338
0.065469	0.121016
0	0.023181
0	0
1.23511	1.369813
1.313327	0.9996
24.10478	22.18786
0.027954	0
0	0
1.097335	1.234649
0	0
0.721941	1.008259
0.035062	0.029165
0.510216	0.601227
0.238162	0.081273
0	0
54.77559	56.22715
19.90199	14.48932
0.624617	0.831285
0.789964	1.25498
2.841123	3.799709
3.470069	2.187747
3.909174	1.904225
13.38892	17.02021
2.464942	2.240459

3.993284	3.774104
0.403162	0.670696
6.024603	4.714277
0.383252	0
160.3739	234.2549
0	0
23.92339	21.05753
223.3481	195.3784
43.23355	51.67225
0.219879	0.038504
324.7392	304.9495
0.021096	0.397753
2.294058	0.886986
2.054002	0.414184
1.54445	0.171289
0.105054	0.174767
24.80154	30.35249
1.338413	3.103707
0.023072	0.025588
0.821773	0.650997
17.88749	22.78206
0.836103	1.202722
52.15108	55.30795
9.977326	13.93216
1.474704	1.200773
1.516957	0.96137
0.087446	0.29095
0.189001	0.078605
3.516582	3.495891
4.310786	4.673968
0	0
0	0
0.182207	0.252598
1.294826	2.907982
0.357026	0.43556
2.560284	2.93544
0.127751	0.283367
0.051956	0.288109
3.127656	2.606957
0.692419	0.298641
6.862781	5.354353
1.438973	1.808696
47.9545	46.52398
0.392587	0.16126
2.463495	2.455172
0.899514	1.383058
1.884684	1.672184
1.768213	1.371265
40.24485	27.78416
0	0.077325
0	0
2.129287	1.641537
0	0.033153
0	0
3.308461	1.551178
0.022174	0.024592
93.3918	101.3364
0.028864	0
67.53842	164.8397
51.72683	54.96428
43.57789	37.4959
1.403093	2.334174
0	0.007156
0	0
0.190159	0.527245

1.02623	0.517341
2.87999	2.705113
11.28959	6.918386
4.927531	5.181565
0.922463	0.824138
0.145573	0.221993
2.686945	2.297546
2.072745	2.813005
0.131401	0
3.300347	2.02994
6.783567	4.558664
5.090027	3.095318
0	0
11.53174	9.310684
411.6019	386.5741
0.12185	0.117121
62.62857	51.32177
19.14655	13.74414
1.689963	2.75073
3.897462	1.743066
35.28886	35.3878
0.497068	0.413459
0.02155	0.047802
28.27196	27.33937
8.808964	14.25649
0.273898	0.271223
0.375347	0.538719
4.320966	10.10858
1.542066	1.012864
3.626807	2.109624
0.153195	0.108738
20.69563	22.11887
2.85075	3.142259
0	0.065956
8.437089	11.68879
0	0
294.0599	335.5132
0.489482	0.428578
3.354708	4.930221
4.603202	8.229903
5.50708	9.834412
0	0
0.055509	0.061563
5.453578	4.618113
50.82717	37.90829
16.17914	24.07316
10.89604	7.120836
0	0
0	0
1.835903	2.036128
0	0
5.77225	5.933354
9.728322	11.13283
1.521217	1.530181
7.911643	4.485616
0	0.065956
9.574237	12.38456
0.057728	0.064024
0.591304	0.327896
1.93229	1.138483
0.215651	0.170836
0.306403	0.143082
3.906624	1.162023
1.655878	1.419951
0	0.172577

0.06612	0
5.76272	7.510686
6.935478	15.66862
0.381557	0.186195
0	0.210575
9.807406	7.961676
24.05168	19.96493
1.201903	0.418938
2.819959	2.676933
0.092391	0.034156
12.38233	22.38051
4.889124	6.77792
3.243345	3.452542
2.55676	2.759784
5.949901	3.336198
43.73655	41.3887
29.89455	44.1545
0.094501	0
3.670581	4.370693
3.062502	3.830937
4.08423	3.945188
1.7391	1.900734
0.195058	0.270414
1.515187	0.89976
2.241774	1.527096
0.038396	0.114976
36.7378	41.88918
3.856156	1.661456
0.569107	0.180336
0.471845	0.479696
40.91407	57.45852
0.784668	0.326342
31.24218	28.16924
7.674896	6.528862
0.094071	0.104331
8.654071	11.39838
80.11349	94.64432
3.807936	3.300803
1.108694	1.116107
22.97278	26.25349
20.05096	16.89122
1.783411	3.452964
9.232401	15.3813
0	0
0.070155	0.311223
4.198046	3.626692
10.03001	5.540796
0	0
3.795705	4.109438
0.067486	0.074846
3.05118	4.101751
0.466151	0.51699
4.673424	4.880856
0.037267	0.330651
0.864406	0.875315
41.04182	28.22341
88.59181	94.17659
0.029067	0.064474
14.96447	13.75025
0.264763	0.146819
13.88128	9.613584
17.54659	17.02008
0	0.120171
16.58745	12.34616
5.737352	2.939372

0.047576	0.10553
1.379709	0
1.484047	3.376929
0	0.047554
2.670722	1.890866
0.122058	0.090247
1.728812	3.167808
54.32904	53.04191
0	0.02954
0.046138	0.034114
8.959773	10.28713
5.252423	3.375046
2.224008	3.939645
38.76134	47.26849
45.26823	26.90223
0.151555	0.336167
0	0
1.118683	0.802798
0	0
4.272741	4.152495
2.437349	7.571779
5.846019	5.643125
38.69225	39.76902
8.67987	6.46312
0	0.051158
1.789091	1.214578
7.465384	6.694747
5.617594	5.140366
4.73733	4.161982
0	0.052185
0.069656	0
62.76613	87.57342
2.586954	2.407985
15.94547	20.43464
0	0
1.414528	1.472256
0.30318	0.264192
6.562628	5.908552
0.48471	0.684183
0.323216	0.065176
6.982551	8.878556
9.427456	13.1316
0	0.034412
0.162201	0.239854
2.58145	2.969515
0	0
5.886481	6.90643
0.556914	0
5.093748	4.824919
0.153018	0.084853
13.1712	15.19335
2.905076	3.367621
47.78975	48.65148
15.63607	18.97003
0.459477	0.254794
0.014554	0.032282
0	0.177928
2.233115	1.796451
1.220511	0.823944
7.084624	6.180009
10.97627	12.1373
11.55287	11.96488
0.734756	0.185202
0.037666	0.041774
56.06103	34.12919

8.367783	9.990731
0	0.048697
11.74491	14.45213
96.62116	126.793
8.455762	7.302833
7.679962	5.73533
0.78349	1.07266
0.059527	0
5.980348	5.052812
0.188285	0
1.753716	1.405117
11.29591	8.417997
0.031176	0.051864
4.671645	5.449591
59.86218	69.08539
0.009567	0
0.150404	0.300254
7.779902	12.94861
8.451486	5.064333
0	0
11.35141	10.20056
0.046041	0.025531
3.103681	3.29507
5.427479	5.24804
0.016989	0.018842
5.778735	8.618204
1126.67	1051.234
12.59655	16.87882
0.710859	1.498799
1.813638	1.005718
5483.252	6311.291
20.0118	21.72208
0.88626	1.533781
15.49238	15.51152
16.67112	10.13376
3.770134	3.985587
18.54825	18.53915
0.73957	0.164046
1460.701	2090.185
67.90159	55.62894
0.461613	0.447962
15.47434	16.15599
0.067743	0.206612
0.026461	0
22.16454	21.63007
0	0
0.113973	2.275257
10.44113	6.094658
8.008418	8.737794
3.99107	2.528487
3.972653	3.902381
8.247057	11.64393
3.92955	3.813346
24.63999	20.59223
0.243402	0.086383
0.272013	0.377098
846.7397	762.2705
0.275835	0.372422
0.23302	0.344578
1898.059	1982.48
0.035257	0.019551
1.703493	1.165724
0.257458	0.131786
0.136006	0.03771
9.981581	11.41505

12.28998	14.4199
0.079906	0.230413
1007.164	974.1602
0.007188	0
29.43795	43.35801
27.86883	29.38723
18.425	18.14896
28.51612	23.00629
3.862108	2.502133
0	0.07543
0.01745	0.058059
0	0.119597
4.660186	5.399042
6687.627	8291.422
18.4837	26.78857
0.110034	0.213561
0	0.026566
1.189147	1.374562
8.909329	8.259889
8.865016	9.021332
19.25754	15.71762
0.212481	0.282785
0.407318	0.22587
9.244193	15.90572
5.761159	4.991341
17.29548	20.38425
0	0
186.0531	290.7599
7.078505	2.927302
5.615317	5.216525
0.470565	0.276292
11.47632	14.00073
24.95009	16.44824
0.19154	0.438136
6.158302	5.215585
1584.113	1371.988
8.476273	8.55705
0	0.082683
10.73858	15.40326
0.567959	0.165763
1.487921	0.800095
0	0
0.046982	0.026053
4.659821	3.34761
1.762251	1.99559
65.54576	73.78114
1.8648	0.425801
78.19869	53.83454
9.186325	9.309901
2.505569	5.584292
8.044696	8.706201
0	0
0.637352	0.26812
1.497197	0.778351
6.230942	7.87714
13.90055	11.661
3.495424	2.060007
0.096618	0.064293
3.484468	3.289605
3909.446	3627.844
4.362125	6.22177
2304.489	3367.494
1.65369	2.200852
24.65595	33.65934
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5.702139	4.251829
18.77649	25.91528
4650.864	5043.833
49.81235	53.07124
16.92312	12.754
3.449271	4.201286
7.654548	5.731032
23.2416	14.53118
77.2845	83.81626
6.973463	6.199003
0.062575	0.04164
6.868286	5.268386
17.99158	17.57602
121.2883	137.1769
5.315102	6.911555
4.651086	5.002454
3.908247	3.933428
18.99894	17.81516
2.289587	1.573122
151.2507	153.8583
0.965565	1.024812
5.95106	7.402124
5.387913	3.108762
20.7625	19.35592
5751.511	6646.128
0.996866	0.283483
0.053895	0.059773
5.12581	2.621425
0.765187	0.804233
3.7146	2.942655
13.96703	10.19637
42.19021	63.48119
17.34709	20.65201
0.466118	0.499721
4.959222	7.500108
12.19133	12.78854
2.854569	2.818415
5.73773	3.292096
0.117589	0
0	0.243315
0	0
0.725691	0.447131
0.321694	0.158568
5.048588	1.667844
0.392128	0.072482
0	0
0	0
0.198996	0
0	0.138827
0.16476	0.030455
0.610791	0.237091
0.31357	0.463691
0	1.020121
1.009543	5.0384
0.713642	0
0.690814	0.287308
0.994982	0.772447
3.110953	3.923798
0.135561	0
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4.452696	2.295271
0	0.559822
0.717767	0.341163

0	0
1.702468	2.094656
1.123599	0.53406
0.076603	0.042479
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0	0
3.46733	4.927022
0	0.459054
0	0.900106
27.40222	16.96398
0	0
1.75567	0.885066
1.469512	1.787499
0	0
0	0.079605
0	0
0.26197	0
0.757157	0.279911
0	0.306036
0.068227	0.378341
0	0.035294
0	0.079882
0	0.260826
0.930141	0.257896
0.032169	0.053517
0	0.646555
0.673029	0.74643
0	0
0	0
0	0
0.189482	0
0	0
0.572757	0.762267
0.109501	0.303607
0	0
0	0
0	0
0	0.394038
0.036223	0
5.552486	3.918756
0.374017	0.207404
0.841286	0.485179
1.324218	1.300794
2.741143	2.128066
0	0
0.434174	0
0	0
0.054224	0
0	0
1.21818	1.272876
1.250705	1.517967
5.456067	9.193408
0	0.347768
0.427074	0.294915
0.024281	0.053859

0.113782	0.168254
0	0
7.51072	5.072847
1.197268	1.517535
0.097102	0.021538
0.041557	0.138269
1.280771	0.608765
0.131447	0.388754
0	0
0.31677	0.468423
0.03059	0.022617
0.024835	0.110173
0.100627	0.063772
0	0
1.402514	1.024336
0.25035	0.416481
0	0
0	0
46.44099	56.83092
1.153693	0.976472
1.213552	2.170811
2.319408	2.897295
1.058968	0.695976
0.100954	0
0	0.027292
1.713577	1.362957
0	0.115534
0.421929	0.163781
0.069565	0.038576
0.126708	0.562107
0.08164	0.181086
0.108544	0
2.375498	0.838273
0	0
0.339273	0.250849
2.100191	6.259831
0.177899	0.197301
0.196477	0.653716
0.349645	0.387777
0.963417	1.662093
0.064843	0.161808
0.055399	0.070219
0.301276	0.093557
0	0.029252
0	0
0	0
0.037492	0
0.221739	0.06148
0.036956	0
0.055534	0
0	0.028221
0.982582	0.272436
0.163093	0.20944
0.397993	0.264839
0.814411	0.318788
287.265	296.1101
0.292036	0.064777
0.561026	1.140722
30.82219	24.40242
16.55973	12.79331
1.585504	0.19982
0.038043	0
0.369932	0.205138
0.060989	0
2.194529	0.709878

0.142565	0
0	0.107928
0.134874	0.548472
0	0
1.071148	0.659982
42.82198	34.70583
0.693708	0.769365
0	0
0.458085	0.544333
0	0
0	0
0.115618	0.192341
27.77342	17.69809
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0	0
0.023652	0
0.031484	0
0.184782	0
8.993895	5.041016
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0	0
0.034734	0
0	0
0	0
0	0.017521
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0.064607	0.107479
0.585449	0.551904
0.231021	0
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4.124971	2.590169
3.831885	0.804015
3.295708	3.419325
4.153325	5.102352
0.168409	0.062259
0.189578	0.210254
6.957329	6.835938
0.040316	0
0.266467	0.472846
0.11207	0.124293
0.296405	0.021915
10.10078	8.056788
5.208972	3.379343
0.462472	0.256455
0.050683	0
1.123538	1.479077
4.161401	2.088652
11.40387	9.177589
5.488737	5.533949
1.324249	0.282437
1.582445	1.6482
2.341134	1.177062
0.017851	0
16.20879	12.49236
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0.935899	1.334532
4.777681	6.164879
0.128332	0.113862
0.712732	1.756585
18.37851	17.02235
1.036305	1.639479
0.24316	0.359573
2.052459	2.020218
0.111645	0.151337
0.056289	0

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0.649481	0.175212
0.091461	0.16906
5.880581	8.209535
1.569985	1.540301
0	0
0.129348	0.143454
0.124672	0
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4.290447	2.397208
0.159299	0.044168
27.75268	28.58601
21.93595	21.41991
9.97153	4.938311
11.08084	8.429676
16.02618	12.26536
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0.975996	0.514427
7.580686	4.776059
7.540632	8.675656
38.90254	50.76495
1.216688	0.793754
0.098006	0.054347
5.673503	8.472256
7.169174	4.841986
0.546155	0.49669
3.754955	3.669685
15.26793	14.68133
0.042322	0
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0.50572	0.237293
0.533559	1.129704
0	0.047163
0.045228	0.050161
0.085716	0.063376
0.266941	0.285845
54.43551	39.02022
3.421193	2.112742
86.0782	80.29119
14.12875	12.41433
0.831235	0.567317
1.294407	0.420772
7.108833	7.116194
0.953665	0.802372
0.128633	0.36458
0.206612	0.343718
0.397014	2.845098
0.063	0
6.457823	5.27161
1.410284	2.517804
4.271625	4.309802
21.02165	19.8309
7.3708	14.73827
44.8833	42.61409
0	0.030294
0	0
14.27171	12.92697
21.31405	23.97354
70.77815	59.85271
4.681154	2.732466
0.091596	0.152378
1.429256	1.363214
1.437851	1.045682

12.53574	10.81502
98.5843	103.1237
25.96809	11.7496
12.63738	5.759457
1.293477	0.595471
59.39362	65.39951
115.621	99.71016
0.590902	0.187242
0	0.131034
0	0
1.053188	0.940929
0.778812	0.673725
0.466429	0.172433
0	0.069413
0.192305	0.152341
0.826086	0.62686
0	0
1.940215	1.998116
19.98429	19.40256
6.547344	6.371116
5.5006	4.920846
1.573147	1.395773
0.076674	0
0.028704	0
0	0.031115
123.8058	103.9525
0.140787	0.312282
0.134133	0.353309
173.6956	119.8349
0.894472	0.641898
0.113194	0
0.135561	0
10.96392	5.49747
0.390075	0.432617
7.223077	11.68794
13.42762	6.897074
6.488923	8.584636
5.957832	5.117163
2.315715	1.883397
20.11219	15.30995
0.523498	0.928946
0	0.082072
1079.668	969.5445
0	0
2.338	2.112802
26.15289	13.57143
0.161966	0.17963
0	0
0.081117	0.071971
0.017005	0
3.517671	3.901311
18.56299	23.12594
9.259672	8.215632
29.57804	38.40659
34.5354	47.49309
0	0
0.117367	0.130167
63.12137	84.80173
2.534898	4.297358
0.0436	0.072533
116.0013	90.48836
0.041036	0.045511
0	0
0.768695	0.918108
0.076462	0.056534

11.0828	11.0412
38.40746	19.93471
0.095813	0
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3.338914	4.499919
0.168257	0.093304
4.855237	5.527712
0	1.007163
0.017509	0
0.029764	0
0.12156	0
1.097638	0.530638
12.66128	12.96808
0.242257	0.15353
0.04754	0
0.851463	0.634247
2.404899	2.006987
0	0.208978
690.3264	730.7471
0.118036	0.130909
24.0152	19.24696
1.416285	0.849052
0.31357	0.278215
0	0
15.49197	7.073201
0	0.156141
0.596989	0.331049
0.099379	0.303097
0.175222	0.323886
0.158183	0.263152
0.114799	0.106099
0.053662	0
0.203564	0
19.49596	25.89747
0	0.136804
11.60272	23.8045
8.853221	11.1231
1.118358	1.320348
0.041063	0
0	0
0.384897	0.197019
0.266467	0
1.065063	0.764318
5.973996	9.22841
18.94687	22.59561
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1.316847	1.550615
0.21026	0.066626
1.899683	2.019684
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0	0
0.063064	0.209827
0.663524	0.525635
0	0
0.030767	0
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1.303564	1.259852
11.34537	4.210749
0.274842	0.091445
0.048868	0.135494
0.325915	0.18073
0.132948	0.245746
0	0
0.815068	0.589539
0	0.124517

0.854897	0.7111
0.377115	0.228133
1.018356	1.202285
1.897149	1.230673
12.05558	8.069084
34.74756	38.94415
0	0.03946
3.169847	0.856186
1.386592	0.817987
4.955118	4.347208
10.37281	9.896278
3.070925	1.2822
0	0.035864
0.114172	0.075974
0.040981	0.090902
19.30932	15.99402
0.953349	0.132165
0.102793	0
0	0
1.219735	1.220136
1.763832	1.534862
0.545619	0.277349
0	0
0.065997	0.036597
0.187889	0.254687
0.300057	0.332782
0.028945	0
3.305164	3.294426
3.856328	4.084442
0	0
2.78001	2.08661
0	0.059825
6.144387	6.695642
0.067456	0.194515
0.112937	0.125254
3.519693	3.671524
0	0
0.369333	0.107793
0.318697	0.144
0.249727	0.131887
0.226073	0.118766
1.087792	1.25888
0.319061	0.170376
0.271483	0.248727
3.160444	4.265044
0.066904	0
2.299514	1.275151
0.043146	0
6.794052	3.341801
0	0
0.513115	0.509173
0	0
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0.028273	0.062712
0.017903	0.099276
0.014244	0.031596
2.293223	1.412958
0	0
0.796445	0.873381
0.027892	0
0	0.00648
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0.219777	0.243746
6.657335	3.290424
3.36278	3.200027

0.028918	0.032072
0.016686	0
0.34273	0.263152
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0.02939	0
0.118864	0.175771
8.202536	3.638845
1.916262	1.335872
1.657003	1.35016
19.54282	17.22975
0.352016	0.048801
0.551067	0.237676
0	0
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3.253863	2.82718
10.84449	7.998574
0.148711	0.137441
0.243391	0.417173
16.11206	27.48506
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0.611693	1.017608
0.331425	0.588112
0.035157	0
0.135709	0
1.888981	1.699713
14.62175	17.79369
37.6795	48.84583
1.168302	0.462756
21.24781	19.85319
2.23489	1.391656
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0.746237	0.165524
0.100831	0.055914
0.114996	0.041141
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23.04917	26.88962
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0.151961	0.048153
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27.09246	28.29443
4.899605	3.377867
4.63202	4.840816
0.046178	0.051215
0	0.521653
5.014277	3.311689
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0.026241	0
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3.455088	2.810062
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1.124044	0.879976
0.954467	1.316747
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0.03356	0
20.56536	10.45603
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1150.322	1072.399
5.953537	2.964538
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1.072907	0.920503
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110.1649	108.0523
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0.709564	0.36537
3.830296	4.470441
0.317151	0.227596
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33.13466	30.80377
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0.219079	0.218674
0.265102	0.176409
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0.214093	0
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17.37355	18.74554
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0.247358	0.137168
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0.57564	0.228007
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1.4168	0.365923
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1.549549	1.047238
0.099339	0.036724
15.55877	7.324834
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4.137773	2.474484
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42.54905	66.26531
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0.873779	0.323025
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41.11041	24.55307
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46.69811	41.4697
9.859228	10.56245
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0.580251	0.965301
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16.85716	14.03385
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4.834896	2.71653
37.06189	38.74469
1.043477	0.77152
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0	0.080068
0.15639	0.086723
16.99509	14.69379
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9.843043	10.24475
4.547209	6.624705
0.537881	0.170441
2.790422	2.514483
4.909621	6.273666
0.089591	0
0.178925	0.496096
0.862318	0.339355
0	0
0.120323	0.053378
0	0.053753
0	0
0.506057	0.491092
0.702208	0.746342
10.44572	11.86819
0.162958	0
0.253934	0.046938
1.330001	1.206861
0.166676	0.154045
0	0
0.080319	0.059386
0.144053	0.039941
0.057382	0
0.307361	0
0.085284	0.094585
0.899989	0.656313
8.729197	13.15974
0	0.056165
0	0
0.49769	0.827954
0	0.094326
1.291555	1.330098
0.11413	0.253155
0.077609	0
0.156785	0
0.34429	0
0	0.028944
0.41576	0.307402
24.96593	29.11264
0.043509	0
0.151802	0.168357
0	0.05672
0	0
3.517845	5.681139
0.31357	0.173884
1.169245	1.556116
0	0
0	0
0.135266	0
0.068302	0

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0.137971	0
0	0
0	0.158842
0	0
0.475187	0.42993
0.057863	0
22.25238	31.65308
3.511209	5.286941
0	0
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0.246621	0.205138
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0.11268	0
0.087201	0
1.537444	0.653363
0	0
0	0
0	0
9.531587	9.857722
0.214093	0.079147
0.15639	0.173446
11.8555	8.412533
0.1669	0
0	0.156141
0.204618	0.291772
6.179849	3.609683
0	0.15721
0.191037	0
1.970249	1.812056
0.134097	0.594887
0.075257	0
0.068453	0.037959
0.196105	0.173994
57.08462	26.18894
0	0
0	0
0.899289	0.757998
0.835785	0.794517
0	0
0	0
0.157182	0.174324
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1.912629	0.979026
28.52779	16.79698
0	0.331846
0.531566	0.707447
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2.30628	1.89936
8.029506	7.249967
38.27343	25.2891
0	0
4.495362	4.350668
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0.068003	0
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0.766007	0.625983
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0.111667	0
0.081053	0.089893
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16.61899	19.97799
0.140893	0.208345
0.509954	0.56557
24.14693	47.23092
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0.86472	0.767222
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0.078097	0.086614
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1.305843	1.184939
0.530196	0.478389
35.27265	36.93972
0.584622	0.259353
0.630679	0.621744
4.231365	3.679784
13.9288	15.18964
10.55247	11.74589
16.48291	24.31777
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0.651831	0.36146
1.89341	3.071505
0.19927	1.010298
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0.106496	0.11811
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0	0.252228
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0.642278	0.118721

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0.127751	0.283367
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0.146278	0.018026
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0.260571	0.140116
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0	0.083162
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0	0.192341
0	0
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0.306602	0.34004

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3.774996	2.917607
0.31357	0.347768
0	0.079789
1.325699	0.980187
0.693155	0.878573
0	0
1.33329	1.03509
0	0
0.013278	0.029452
0.356309	0.296376
0	0
0	0
0.161097	0

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0.350773	0.648382
0.135858	0.075337
3.350504	1.895874
0.155997	0
0	0.101113
0.636789	0.353119
0	0
0.50791	0.585835
0	0
0	0.122523
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0.187291	0.103858
0.662008	0.62932
0	0
0	0
0.327635	0.090842
0.24316	0
0	0
0.451541	0
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0.788405	0
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0	0.120381
0	0
0	0.035132
0	0.419228
0	0.369213
0.247852	0.137441
0.077512	0
0	0
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0.146778	0
0.154253	0.684304
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0	0.076002
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0	0.073201
0.274721	0
0.710219	0.711449
0	0
1.696908	2.214088
0.230806	0
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0	0
0.179183	0.496812
0.148889	0.165127
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0	0

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0.650124	0.540771
0	0
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0	0.115923
0.680777	0.453014
0.099498	0
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0.336819	0
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0	0.026192
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0.335605	0.186103

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0	0
0	0.060668
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0	0
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0	0
0	0
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0.161474	0
0	0
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0.480363	0.133188

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0	0
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0	0.064114
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0	0
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0	0
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0.323932	0.239507
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0.103306	0.229145

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0.135413	0.075091
0.168257	0.933037
7.108078	7.078874
0	0
0	0.15769
6.302938	17.83517
0.079599	0.08828
0.924698	0.293013
0.635702	1.880086
7.172771	11.97533
0.567004	0.471631
0	0
0	0
0.167673	0.106263
0.336514	0
0.054534	0.090722
0	0.243746
0.204457	0.15117
0	0
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0.076274	0.338369
0.163387	0.090603
0.185334	0
0.026454	0.029339
0.954449	0.635125
0	0
0	0
0	0
0	0.399178
0.062071	0.068841
0.126321	0.046699
0.224952	0
0	0
0.188714	0.156971
0.038804	0.086073
0	0.282205
0.035438	0
0	0.179318
0.14334	0.068131
0	0
0.150879	0
0	0
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0	0.177928
0.312518	0.231068
0	0
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0.20312	0.150181
0	0.251307
1.559972	1.038062

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0	0.182648
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0.245403	0
0	0
0.238612	0.158781
0	0
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0.210623	0.05191
1.054874	0.501394
0	0
0.249488	0.316226
0.078393	0
0	0.173884
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0.158993	0.2645
0.347751	0.267007
0	0
0.404914	0
0.865145	0.451529
0.827825	0.76509
0.706994	0
0.142238	0.039438
0	0.143156
0.0156	0.017301
0.247897	0.499878
0	0.130413
0.156587	0.086832
0.435087	0.410157
0	0
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0.277311	0.068346
0.166008	0
0.284802	0
0	0
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0	0.136353
0	0
0.233849	0.129676
0.544622	1.359042
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0.06868	0
0	0.082465
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0.130709	0.144964
0.145573	0
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0.102285	0.34032
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0.630781	0.199878
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0	0
0.176886	0.196177
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0.151247	0.083871
0	0
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0	0
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0	0
0	0
0	0
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0.403162	0.447131
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0.241583	0.535861
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0.228541	0.225303
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0.169636	0
0.164469	0.182406
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20.0539	21.2624
0	0.163948
0.373315	0.310521
0	0
0	0.128707
0.072278	0.080161
3.184491	1.469606

0.05947	0.065956
0	1.043305
0	0
1.222924	1.356297
0	0
0.063614	0.141103
0	0
0.205813	0.380432
0.215131	0.334031
0	0.113534
0.110672	0.245484
0	0.073803
0	0
0	0
1.061314	0.882797
1.448836	0.519862
28.8793	44.50977
2.403363	1.48082
0	0
0.164832	0.182809
0.136155	0.226507
0	0.289929
0.36097	0
0	0
0	0.122523
0	0.118926
0.679288	0.452023
0	0.142563
0.030301	0
0	0
0.413683	0.152933
2.317585	3.38203
0.144053	0.159764
1.019011	0.215266
0.310953	0.114955
0	0
0	0
0	0
0.586833	0.260333
0	0.367243
0	0.018656
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0	0
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18.26263	9.237067
0	0.067048
0.095469	0
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1.085435	0.84267
1.701011	2.305752
0	0.122961
0.194022	0
0.232535	0.515791
0.654925	0.14527
0	0
0.269943	0
0.269357	0
0.091439	0.101411
0	0.209933
0.401424	0.148401
0.064843	0.179786
4.483202	3.05605
10.46464	10.73595

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1.022006	1.473507
0	0.116314
23.09939	25.56703
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0	0.245047
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0	0.36757
0	0
0.152174	0
0	0
0	0
0	0
0	0
0	0
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0	0
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0.036171	0.020058
0.402291	0
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0.157182	0.087162
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0	0
0	0
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0.850505	0.943262
0.178925	0.595315
0.552702	1.021634
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0.705533	0.782479
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0.600195	0.147923
0	0.067409
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6.389524	6.083583
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31.8784	42.732
0.455962	0.084282
0.087446	0
0	0.088167
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0.083338	0
0	0
0.024667	0
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0	0.569076
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0	0
0	0
0.369565	0.175659
0	0
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0	0
1.113167	1.574077

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0	0
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0.088067	0
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0	0.06364
0.397285	0.489571
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0.114551	0
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0	0
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0	0
0	0.134489
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0.601754	0.196289
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0	0.015775
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0.992067	1.100263
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0.459903	0.051006

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0	0.174989
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0	0
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0.065286	0
0	0.690307
0.209239	0.210962
0	0
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0	0.194332
0.172105	0.572625
0.325062	0.180257
0.260869	0.86796
0.084587	0.125083
1.107282	1.052608
0	0.200753
0	0.071183
0.031758	0.017611
0	0
0	0
0.175884	0.097533
0	0
0	0.762267
0.103478	0
0.06075	0.471631
0	0
0.215954	0.059877
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0	0
0	0
0.470355	0.214798
0.047485	0
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0.150879	0.083667
0	0
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0.01264	0.224294
0.036978	0.041011
0	0.096983
0	0.87904
0.129483	0
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0.145403	0.16126
1.964516	0.635474
1.921737	0.710441
0.165345	0.21394
0.791806	1.472211
0.031726	0.175928
1.034781	0.191273
0	0
3.036034	2.020288

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0	0
0	0
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0	0.210307
0	0.060086
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0	0.380958
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0	0
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0.19382	0.143305
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0.034939	0.03875
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0	0.502614
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0	0
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0	0
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0	0
0	0
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0	0.130167
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0.198044	0.878573
0	0
0	0
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0.186517	0.310288
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0	0.894262
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0.848181	1.316959
0.737996	1.003301
0.728292	0.20193
0.42236	0.281054
0.046437	0.051502
0.30366	0.155436
1.065216	0.50631
0	0
0.94071	0.391239
0	0.344291
0.114976	0
0.403162	0
0	0
1.618532	0.287208
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0.610537	1.197986
0	0
0.26197	0.581081

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0.109694	0
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0.209282	0
1.263113	0.969833
0	0.382545
0	0.214846
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0	0
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0	0.141392
2.085202	1.965723
0.130552	0.041369
0.640071	0
0.138587	0
0.158385	0.117106
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0.15988	0.118211
0.389667	0
0	0
0.247358	0
0.38393	0.304144
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0.140309	0
0	0.286909
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0.214834	0.119132
0	0
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0.343654	0.254089
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0	0
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0.754201	0.567594
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0	0
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0.162958	0.253022
0	0.124069
0	0.135459
0	0
0.197101	0.109299
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0	0.518705
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0	0.053049

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0.080528	0
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0.978447	0.591904
0	0
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0	0.796048
0	0
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0.177391	0.196738
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1.21739	1.4466
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1.757176	1.082675
0.880665	0.976711
0.137057	0.190006
0.114976	0.127515
0	0.383611
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0	0
0	0.106427
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0	0.034724
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1.100831	0.976711
0	0
1.05232	1.167087
0	0.217218
0	0

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0.11268	0
0.540456	0.563071
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0	0
0.801121	0.266548
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0.363081	0
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0	0.167538
0	0
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2.201663	0.32557
0.056494	0.062655
0.552374	0.36757
0	0.250849
0.667601	2.22123
0.240647	0
0.238681	0.099267
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0.034724	0.038511
0.172944	0.191805
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0	0
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0.195549	0.18073
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0.077673	0.028715
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0.363081	0
0.114869	0.127397
0.222136	0
0.672826	0.290191
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0.137057	0
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