

ENSEMBL	Symbol	S1	S2	S3	S4	S5	S6	S7	S8	S9	sum	mean
ENSG00000118785	SPP1	33961,20555	76834,29365	63701,51706	56019,73734	46814,16672	45173,56854	32687,58928	12496,14982	36564,52256	404252,7505	44916,97228
ENSG000000087086	FTL	39593,74537	33996,46506	32093,45669	34040,18074	39157,83048	43869,15656	49183,79393	34414,51361	34302,87256	340652,015	37850,22389
ENSG000000015624	CD74	27932,88383	30430,75121	20535,69258	19188,98335	20339,12538	29753,45873	31949,97008	15199,50621	30516,15448	225846,5258	25094,05843
ENSG000000095822	ACTB	26790,35898	17495,38165	24343,82414	20462,7149	23010,45916	26206,5308	20966,30202	17437,51524	31558,51463	208271,6015	23141,28906
ENSG000000197746	PSAP	25202,91185	11322,08364	21058,49615	11455,44632	11175,88559	14190,63494	16493,58466	20962,95962	13205,53473	155067,5375	17229,72639
ENSG00000170345	FOS	9505,1205	8294,307047	14519,79227	12884,26016	21208,5026	9769,195944	11426,26729	15150,62198	14005,16292	107163,2307	11920,02564
ENSG000000196126	HLA-DRB1	18256,34552	5395,566853	14477,35736	4641,415362	20531,64696	19370,63356	7437,460664	10693,28203	5842,748517	106846,4568	11849,60631
ENSG000000204287	HLA-DRA	10284,32713	13509,91651	8906,982914	10966,82011	10121,11016	11588,00022	12234,26511	8121,146678	9230,327475	95502,89631	10611,43292
ENSG000000034510	TMSB10	10946,50219	11634,80353	7290,193919	11829,24086	7335,813224	10689,89557	9962,507663	13766,4345	10014,74904	93470,14049	10385,57117
ENSG00000170458	CD14	12200,5281	7196,391093	7816,166157	6288,881223	13858,92996	8361,772257	13138,75372	10114,94698	7020,442596	85996,81209	9555,201344
ENSG000000173369	C1QB	11673,39286	9597,578573	7714,693002	6654,891189	10186,95157	8998,313584	10071,76929	12965,5703	7955,277474	85818,43785	9535,381983
ENSG000000120129	DUSP1	8031,905921	7235,438232	7853,593735	9426,972691	7011,622833	6570,981937	7977,744031	8859,192056	11885,3144	74852,76584	8316,973982
ENSG000000173372	C1QA	8541,091493	5697,138348	6874,766841	5034,547842	9102,157905	6541,364467	6726,855308	11524,04097	5131,649013	65173,61218	7241,512465
ENSG000000101439	CS3T	8746,68948	3362,493264	5470,248487	4223,826254	10154,83082	2984,829949	3447,015367	13513,08279	3504,556453	55407,57286	6156,396985
ENSG000000158869	FCER1G	5688,435165	7613,11882	4011,679603	6583,465199	4431,227351	5922,353584	5917,800399	9225,088709	5316,675717	54709,84455	6078,871616
ENSG000000122862	SRGN	6373,588088	6655,738323	5021,914919	5673,030808	3379,895095	5524,399589	5907,724704	6520,448758	3867,65396	44924,39424	5436,043805
ENSG000000090382	LYZ	6687,07107	10254,15138	11695,49263	1128,351466	3538,855011	789,4860436	3789,218252	9030,941573	737,5915547	47651,15899	5294,573221
ENSG000000130203	APOE	2529,944526	2439,793435	4223,774679	3173,49746	7884,580693	7648,446776	9892,234755	3166,434498	2996,667322	43955,37415	4883,930461
ENSG000000205542	TMSB4X	3768,53614	5023,214462	4167,905959	5612,476876	3652,11788	5796,445973	4553,548954	4639,860137	4161,30334	41375,4097	4597,267745
ENSG000000095970	TREM2	4270,564128	4154,609291	3941,478554	4375,367186	3817,140708	6252,631752	5875,563666	2438,275165	4590,154516	39715,78497	4412,864996
ENSG000000198502	HLA-DRB5	4696,274759	353,9474401	3799,654377	1005,539018	14733,29994	4458,614474	2347,198595	2095,748201	2577,022216	36067,29902	407,477669
ENSG000000163191	S100A11	2977,506899	5601,647515	3147,728424	5163,617687	3109,216441	4225,479079	3744,003774	3025,334669	4110,100361	35104,63485	3900,514983
ENSG000000132965	ALOX5AP	4100,60341	4966,952753	2834,424484	3362,33353	3068,09926	4174,561636	4398,485032	3559,830631	3569,987073	35026,27754	3780,586393
ENSG000000116600	TYROBP	3210,249763	3785,029798	2546,567412	3750,616608	3069,326558	3813,556274	4388,003232	4171,053322	3006,943456	31742,08033	3526,897815
ENSG000000169429	CXCL8	501,747581	5994,931773	4940,57171	3325,726382	3223,557109	1730,90896	4007,82165	4757,136154	3026,086048	35107,98955	3500,887727
ENSG000000108691	CCL2	768,6399722	4732,719803	1535,466127	1224,397295	4353,350872	3420,297498	3897,91971	4786,30977	4102,473308	28821,57713	3202,397459
ENSG000000182578	CSF1R	3838,490122	1936,910802	3001,008605	2041,533763	3491,966675	3140,061389	4042,185928	2353,007171	4337,753082	28182,91826	311,435362
ENSG000000164733	CTSB	3779,684901	3549,024463	2861,025734	1418,14967	3482,316231	3184,884461	3805,9677	2376,672191	2909,563573	27367,28892	3040,809881
ENSG000000111640	GAPDH	4065,732074	3929,802309	2224,884958	2642,347783	2649,615991	2800,745032	3184,621357	2458,675906	2957,332303	26913,75861	2990,417623
ENSG000000203747	FCGR3A	3334,547461	4250,839354	2962,583712	2607,144413	2115,248459	3286,97009	2940,705604	1533,538115	3094,363444	26125,96405	2902,882295
ENSG000000101474	APMAP	3188,928069	2610,34912	1946,485087	10742,107764	381,060739	2881,060739	2800,25431	3818,044483	3139,520496	25347,87766	2816,430851
ENSG000000175899	A2M	2677,59694	1803,322154	2938,516131	2597,90523	3851,625646	2131,385658	2524,127392	2470,132968	3235,604255	24820,21637	2757,801819
ENSG000000124491	F13A1	2745,540524	1732,631836	2885,480448	2312,417985	2986,877845	2661,007548	3494,656403	3019,002392	8102,107527	44694,7229	2738,8581
ENSG000000163220	S100A9	1775,087698	1206,872981	8708,102577	1878,913971	3116,114227	1380,271761	1520,752977	4345,820071	613,001618	24544,93608	2727,21512
ENSG000000125730	C3	4110,855238	1795,501757	1915,484526	2499,154224	2636,504041	4989,111137	4712,323971	270,2040592	4185,082026	24141,16828	2712,685364
ENSG000000159189	C1QC	3712,078816	2215,996349	1892,017701	1680,797359	3042,523623	2626,17012	3509,307221	3226,450439	2202,811482	24108,15311	2678,683679
ENSG000000128245	YWHAH	1696,919974	3411,524034	2111,579598	2779,851989	2823,096265	3227,418497	2868,874945	871,9494106	4130,578809	23923,79352	2658,19928
ENSG000000171880	C3AR1	2983,010172	2388,151408	2415,64058	2034,684562	2897,886033	2539,708059	2152,708232	2597,724062	2150,544333	22017,96744	2452,440827
ENSG000000067560	RHOA	2480,174459	2467,915422	2530,086281	2617,184063	2112,870504	2341,411353	1990,045858	2758,624396	2365,11647	21643,62881	2404,847645
ENSG000000162511	LPTM5	2142,74602	2753,771823	2546,084141	1545,401129	2411,360821	3084,250894	3236,96354	1511,216084	3865,806102	17701,40055	2401,933395
ENSG000000169508	GNP1R13	1400,196741	4143,072387	1878,386592	2533,004973	1777,989242	2416,288162	2447,155484	1748,655809	2443,578458	22428,23685	2269,804094
ENSG000000196154	S100A4	2990,423883	2798,200661	2377,523362	3045,436633	734,1789925	2133,511803	2033,653912	2136,297902	1616,825455	19866,05247	2097,339164
ENSG000000143119	CD53	2486,934517	2589,83045	2278,793878	1422,047111	1500,049995	2001,720359	2077,140357	2357,87789	2711,692609	18886,04016	2098,448907
ENSG000000184009	ACTG1	2554,339159	1884,429946	1539,989315	2338,301689	1553,216367	2137,713157	1783,036963	2308,736277	2757,334002	18857,09688	2095,232986
ENSG000000111348	ARHGDHB	2346,505918	2773,20808	2451,452313	1987,680475	1308,615883	1199,770336	1099,029258	1554,434111	2481,533436	18832,22981	1902,469979
ENSG000000168329	CX3CR1	881,4025324	1851,390291	1900,227345	2302,23076	456,535824	3002,640993	2357,057164	567,4795569	4000,962914	1832,92019	2036,991133
ENSG000000165168	CVB8	1437,241575	922,4618298	2317,359758	1691,446226	3795,619912	1698,379648	1882,367025	3015,448892	1439,375643	18199,70051	2022,188945
ENSG000000159388	BTG2	1140,920435	2601,376161	2554,15015	2345,859369	1319,239198	2429,202847	1960,19519	781,201491	2801,921126	17304,06593	1992,673993
ENSG000000135929	CYP27A1	3178,995596	1760,676284	1616,254387	1920,008347	2240,421543	1081,672442	218,618051	2597,616697	1915,533749	17701,78956	1966,865506
ENSG000000074800	ENO1	2355,84702	2360,625402	1812,771661	1806,514749	2357,06622	1509,861719	1833,945336	1164,725484	2323,398552	17524,75614	1947,195127
ENSG000000129538	RNASE1	1293,020922	248,582242	1230,504704	275,1502687	702,981708	1684,842588	2688,86513	8922,343544	93,7402804	17240,03139	1915,559043
ENSG000000128016	ZFP36	1142,501165	2485,049342	1491,499126	1939,746463	1491,499126	1727,451012	2017,388154	1660,721394	2284,52521	16001,08411	1877,982325
ENSG000000139318	DUSP6	1089,139521	2086,907704	1869,360339	1556,322623	2349,013994	881,3166395	1378,580481	3732,908777	1916,208156	16459,75824	1828,866264
ENSG000000169385	RNASE2	2875,71811	1052,45735	1211,143848	1589,891297	2921,36643	1748,743565	2067,12372	2599,877535	936,2018559	16372,52671	1819,169634
ENSG000000169714	CNBP	2020,349114	1984,556931	2629,198383	971,717681	972,9658239	1544,681711	1442,615815	2165,400996	1474,813191	15966,29964	1774,033294
ENSG000000019169	MARCO	2169,770445	422,2688352	668,5428066	577,9178514	2477,03009	232,3865317	38,86623097	8974,342194	2767,627683	15931,44275	1707,160306
ENSG000000090104	RG51	357,3390373	2063,785114	1327,05816	2678,202249	879,0181965	2332,033202	2596,595278	570,9202064	3094,796211	15899,74765	1766,638628
ENSG000000169413	RNASE6	1823,532183	1719,730624	2044,010064	946,3530299	1388,814761	1077,062272	2115,15626	1718,338053	4128,427114	15651,38836	1739,043151
ENSG000000142669	SH3BGR1L	2411,731608	2353,245752	1764,665902	1615,354301	1122,037344	2064,412427	1637,846172	1261,762133	2086,530304	15497,58594	1721,953994
ENSG000000139644	TMBIM6	2100,897685	1728,920562	1492,76122	1649,50892	1741,540115	1676,649676	1709,06				

ENSG00000100979	PLTP	656,2991963	69,22516807	1,422172879	186,6901943	1336,9744	100,8783318	767,3885988	5511,274068	85,35336147	8715,505491	968,389499
ENSG00000107812	E1F1	726,4401902	1450,468374	707,6484827	1032,288433	675,3154336	960,0649298	750,051463	1150,911898	1205,15545	8658,344654	962,0382948
ENSG00000113862	SELPLG	1069,043668	1152,236494	1037,242502	756,6486513	721,9788923	924,7485673	848,6603972	559,2479188	1517,547885	954,1505529	954,1505529
ENSG00000118515	SGK1	328,142223	1578,393517	1227,040657	980,0169627	717,8397391	832,7243127	1249,178205	464,9299024	1202,031945	8580,797417	953,4219412
ENSG00000163823	CCR1	1617,043011	475,8861801	1147,74474	608,059355	1299,256324	498,2960518	900,29468	1360,451315	632,5524488	848,8426784	948,8426784
ENSG00000114013	CD86	944,1223144	1055,014334	1185,1965	781,433746	585,2247277	717,0987291	871,6482738	1288,762112	932,2606606	8460,766016	940,0851129
ENSG00000112287	EGR2	469,6347771	1397,987283	949,6803511	1049,257092	505,9186413	335,3315069	1119,879683	1075,950129	1154,928578	8458,496042	939,8328935
ENSG00000104904	OAZ1	1002,888665	954,1048001	904,4061486	810,4476277	852,6428727	1060,070082	950,7043346	973,3202147	948,055251	8456,639996	939,6266663
ENSG00000133800	LYVE1	127,1199236	328,6360559	512,701275	800,187455	822,6499149	127,1115741	188,6873897	3438,305635	3207,350472	8392,832081	939,6368979
ENSG00000144746	ARL6IP5	1189,130776	1271,339409	617,9753277	972,7615002	830,5383788	981,5672319	767,7016439	830,030941	919,4129321	8380,458141	931,1620156
ENSG00000275395	FCGBP	917,5528054	561,2755545	718,8319572	519,5547326	1146,077413	1641,901553	878,2051986	291,4279408	1040,560909	8355,388064	928,3764516
ENSG00000107798	LIPA	976,2095075	649,8235794	725,8969176	944,1354008	2055,509221	679,7550698	589,8465229	1017,92223	504,0080733	904,7888136	904,7888136
ENSG00000108654	DDX5	687,1767518	1263,149165	684,4526233	797,144339	684,549587	1016,797387	846,3682952	852,5193952	1124,638105	7958,795648	884,3106275
ENSG00000108298	RPL19	758,3845676	952,8862218	660,9328077	1433,734704	816,5284722	869,1226974	758,0944534	798,2218343	828,8691573	7876,774916	875,1972129
ENSG00000142583	SLC2A5	794,7472281	855,2660119	671,3387599	497,1526664	1579,516243	761,1113622	964,7886802	862,0525898	826,7435162	7812,717057	868,079673
ENSG000000051523	CYBA	807,3475924	828,2480224	809,4151545	706,6821784	698,9158194	1067,631756	1192,218863	899,3752146	795,7750411	7805,609669	867,2899632
ENSG00000106066	CPVL	787,5324885	1396,251404	704,6162221	737,9860568	624,580033	872,5722627	1251,431162	844,2127755	755,7565371	7794,939239	866,1043598
ENSG00000183283	DAZAP2	736,6176922	913,1199078	1059,041751	800,187455	975,1542398	848,3387575	666,8230779	889,7226664	830,5400064	757,7272841	867,7272841
ENSG00000110777	MS4A6A	1043,891967	1031,219217	726,5596232	627,3523832	485,996232	83,3273881	709,359121	1610,747264	553,7526752	7623,21587	847,0239856
ENSG00000126264	HCEA1	883,9845129	523,1612269	617,6327811	856,0199575	1068,565085	816,8437477	932,7378514	1181,586577	716,4034782	7598,818215	844,3131351
ENSG00000111891	SERINC1	758,6475978	639,5079445	963,1899238	555,0191284	1606,663155	740,4124489	723,4318214	919,0839235	685,2235615	7591,179505	843,4643894
ENSG00000166598	HSP90B1	739,2992137	742,0023142	776,5083888	774,690652	878,9392288	591,9774187	963,462494	1221,165108	824,6518847	7512,697153	834,7441281
ENSG00000165312	OTUD1	159,4569438	1497,773743	1043,207279	902,5521027	1004,50062	554,69455	634,9662932	834,4796596	874,6128697	7506,244061	834,0271178
ENSG00000147065	MNS	799,8234297	620,3498987	1206,917437	930,8148075	974,721598	722,0587918	717,8235864	463,3921211	1014,131599	7450,033579	827,7815087
ENSG00000130522	JUND	425,2671616	968,0746605	679,8053306	450,0182895	581,3373268	829,7309947	935,6059324	1321,915637	1253,940303	7445,731636	827,3035152
ENSG00000148175	STOM	1034,667969	834,1916069	613,7640067	626,3908068	1066,572363	71,4751836	726,130638	1041,829814	726,7373929	731,3192047	821,3192047
ENSG00000127022	CANX	100,7057116	650,7390878	1002,98387	645,3452299	652,7766001	750,0704752	819,6095375	950,849118	844,347165	7327,423347	814,1581497
ENSG00000112306	RPS12	397,7596699	668,8863038	536,3841347	2169,966283	831,75894	570,1715594	534,0834163	1159,882214	782,7449504	7251,636769	805,7374188
ENSG00000113732	ATP6V0E1	669,4320371	951,4124789	812,1718119	781,1296373	690,9864781	785,6262796	877,2785799	927,6401128	732,642948	7145,04171	793,8935234
ENSG00000231389	HLA-DPA1	611,8032708	1086,656185	680,6836975	831,1060395	615,0231536	1001,777228	1101,096026	303,8758305	855,159128	7137,180358	793,0200398
ENSG00000258227	CLEC5A	730,050907	840,5982197	1307,361478	1078,876698	790,771837	964,202034	763,3360959	155,653968	854,8759984	7133,727183	792,6353536
ENSG00000123095	BHLHE41	759,9442347	671,2594751	747,3807046	767,988465	1031,321473	823,3988635	739,0834139	616,9712371	1005,326491	7910,781127	790,871903
ENSG000000096384	HSP90AB1	458,4532448	850,136113	672,8424342	997,1568761	988,4168062	668,6530289	886,7131517	742,1471679	848,846358	7113,363459	790,3737176
ENSG00000142089	IFTM3	996,7258492	825,15983	399,4605491	869,1787077	803,9772297	562,0197756	560,0925854	2459,455204	239,2915256	7048,154947	783,1283274
ENSG00000042493	CAPG	911,3485388	709,6507171	523,0944235	659,2949834	433,0491406	1179,275095	1059,054667	152,3086163	1376,063274	7003,139456	778,1266062
ENSG00000167552	TUBA1A	844,707139	1424,662578	556,3100785	742,78827	482,157562	683,335192	838,1007576	545,4561804	768,7016759	768,5639521	768,5639521
ENSG00000100906	NFKBIA	535,2867497	1250,764348	972,0517747	640,5167413	554,7934725	610,4362601	584,2592367	935,743908	800,166	6884,018491	764,8909435
ENSG00000143761	ARF1	628,9400476	582,5407426	721,934905	641,4021854	907,0426923	815,3435351	775,6521621	798,8439468	789,3237695	6859,023987	762,1137763
ENSG00000122884	PAH4H	559,6416382	883,6635651	962,6060323	1045,595886	508,3144521	501,3014449	977,7782125	727,1198396	758,1198396	6858,359511	762,0399456
ENSG00000171051	FFR1	704,6399602	1371,514286	675,5537949	456,6865014	600,618361	1062,556828	1163,381814	183,8153743	754,4910278	8382,956947	759,2174385
ENSG00000177575	CD163	793,6394505	716,7366932	743,0814998	608,2348023	1417,874886	946,332064	697,0693914	913,7683937	420,1928165	6806,92763	756,3252922
ENSG000000092010	PSME1	497,0488438	1199,693881	685,0994669	803,0518166	423,4189942	600,0245688	543,9167151	1046,190075	813,1708025	710,6005164	745,622796
ENSG00000160106	RPL8	766,2614764	865,6552759	632,1826244	1002,977227	589,8243655	567,5079245	644,2050163	947,8375529	678,3096783	6695,761142	743,9734602
ENSG00000131724	IL13RA1	903,7387033	743,4741521	745,8831472	882,914731	631,5834971	641,7706544	597,3736947	679,9845971	821,8812654	6648,604109	738,737899
ENSG000000085514	PILRA	994,6720428	733,9545098	311,5053371	696,9192915	829,0381857	601,6134279	785,4821086	883,0447186	805,8826278	738,3420772	738,3420772
ENSG000000067225	PKM	1096,613872	845,5029395	581,3549395	453,2493177	969,9651272	594,9048832	744,2728526	398,5965124	876,3907055	6560,85026	728,9833622
ENSG00000142534	RPS11	767,6968264	767,6968264	596,0098503	944,1068137	615,7757149	751,4842445	651,483995	727,9410203	713,3129826	640,847077	717,9783008
ENSG00000132963	POMP	577,3622761	939,0472233	488,8418841	1019,288399	528,58509362	890,9205102	688,3704056	791,5060571	560,0819269	6403,269619	711,4744021
ENSG00000118588	RAB32	726,3239542	783,7803251	861,6077998	611,0533584	224,5749138	1042,404319	932,0148324	593,2308855	574,6409369	6349,270055	705,4745506
ENSG00000135047	CTSL	936,944494	753,461466	796,5660828	455,2582983	560,3940051	438,7850997	648,8957019	1240,02173	419,8606097	6340,177659	704,4641843
ENSG00000173391	OLR1	238,5540118	980,2927684	1710,07319	894,4512917	337,7373027	828,0352577	521,294958	62,69285219	761,6860106	6334,814643	703,8683297
ENSG00000112335	SNX3	795,6450999	753,8193318	561,4364619	521,4087861	309,4147315	735,3432622	668,3285682	874,7116369	947,4327915	6137,358855	701,9487617
ENSG00000197956	1300A6	827,4509827	780,9532196	782,4094856	1297,956671	360,1845354	509,1973708	442,6996472	599,9548327	556,3911846	6187,180107	687,4644564
ENSG00000075785	RAB7A	927,519686	580,3986391	764,6754729	638,1718462	602,427635	661,6271986	595,5338246	601,033576	729,3638082	6164,746597	684,9718441
ENSG00000118680	MYL12B	690,030344	852,4472901	650,4909675	668,2744588	608,006326	756,6449748	605,4008462	744,3329388	714,5279335	6090,1318	676,6813118
ENSG00000148908	RG510	405,4128183	585,7450441	370,2764741	614,446565	776,0208745	1052,112676	898,9742469	530,925871	831,2036765	6065,118246	673,9020274
ENSG00000163902	RPN1	748,4620748	565,6342216	898,8607438	676,1934083	587,539848	691,7613251	701,684525	611,0331019	575,4914503	6562,624699	672,9582999
ENSG00000137161	CNPY3	575,6672731	721,4147502	601,5860644	587,2561081	1100,636533	584,4662354	720,868099	393,2098473	809,6047682	6054,710957	742,756619
ENSG00000133574	GIMAP4	914,8704774	708,6153761	809,3074725	584,8479955	476,8723418	527,1335005	468,28708	794,36533	792,0833603	6017,340046	668,5933385
ENSG00000103187	COTL1	680,075941	520,4596165	771,2806799	457,2247662	508,3736131	883,907554	821,6534461	331,0699246	1013,593353	5987,638748	665,2931942
ENSG00000163563	MNDA	643,8429648	763,1122699	868,5333759	107,7							

ENSG00000010278	CD9	354,901225	701,868928	328,7707005	814,9440935	434,1312907	487,5739397	767,0108339	205,2423112	658,3830579	4752,82638	528,09182
ENSG000000127884	ECHS1	622,1921539	331,3454003	401,188193	449,5355866	813,2873395	603,3584324	522,3181558	391,7603252	606,1478193	4741,133406	526,7926007
ENSG000000165678	GHTM	674,6687317	578,1600808	516,2820982	532,7148537	541,5408111	437,2043199	398,1655078	642,2804566	471,5646071	4731,564467	525,7293852
ENSG000000163466	ARPC2	508,6963984	582,0512917	521,7833661	534,2458367	208,3911688	567,1773391	504,4619918	656,2537021	647,7100744	4727,267169	525,2519077
ENSG000000260265	VIM	843,6037313	470,0773781	535,2835484	585,4400812	485,391485	366,9841949	299,3010412	659,3369809	697,5929659	4724,971047	524,996783
ENSG000000022168	CEBPD	144,3112888	413,6625897	812,1154131	327,6205822	683,2796582	314,1484014	683,116252	483,8181064	645,2577601	4707,330052	523,0366724
ENSG000000126709	IFI6	337,3706522	169,419886	346,6497671	648,6186483	438,4475458	239,8314324	499,1990644	1909,613546	95,35118482	4684,501727	520,5001919
ENSG000000185650	ZFP36L1	373,2958222	461,6615366	456,5661509	405,8677964	458,6404272	737,2410103	654,5855305	451,7219844	673,9817774	4677,352036	519,7057818
ENSG000000143753	DEG3	537,4742293	646,4568171	184,903361	505,8682132	630,8728009	116,6561172	463,4092311	658,8475947	562,1285861	4667,546769	518,6064109
ENSG000000173334	TRIB1	373,6290885	847,0775211	703,3934098	534,7289062	212,5443176	531,4886028	391,1343992	309,5556817	730,4643377	4634,016265	514,8906961
ENSG000000127951	FGL2	263,7053337	202,2417083	1100,513918	641,6870294	463,3598685	591,8173633	438,710312	526,141363	400,9459166	4629,122812	514,3469792
ENSG000000017156	TALD01	347,0812798	546,3381722	397,8930829	362,4545674	1041,033206	522,5013174	578,5360613	353,8502954	475,2607659	4624,948748	513,8831942
ENSG000000135077	HAVCR2	691,5237479	523,0104703	430,9903154	501,8042771	326,8059079	590,1395825	574,0306752	448,5350916	531,5025385	4618,342606	513,1491785
ENSG000000179163	FUCA1	647,9225592	403,0644525	296,312934	407,2727132	214,7336941	607,3121403	612,8248067	1044,089293	381,6799119	4615,212505	512,8013894
ENSG000000182853	VMO1	547,987524	403,7156639	282,1342225	313,5768997	857,767679	579,7572581	766,1034095	617,6616262	246,0209878	4614,725271	512,7472523
ENSG000000100219	XBP1	557,5321319	612,3520246	364,6423227	392,0056801	433,5976667	620,1921459	515,1825092	666,2163259	452,4638581	4614,184665	512,6877185
ENSG000000157514	TSC22D3	454,4414203	818,997712	601,6291003	701,2444982	323,4016978	271,8761234	415,8738637	810,140143	542,7217577	4609,296406	512,1440452
ENSG000000155368	DBI	684,3640552	533,8259428	474,6389008	976,8861612	147,2825632	271,7785852	214,734797	619,1203276	682,1285862	4604,741019	511,6378911
ENSG000000126945	HNMRNP2	632,4793485	503,7005428	647,4902306	580,0575394	613,7535157	348,2243332	343,0761081	660,4373826	268,0042836	4597,22292	510,8025467
ENSG000000121316	PLBD1	333,524889	759,0394386	731,409532	339,8197374	565,5156246	406,5682343	380,7430243	588,103965	456,0782029	4560,772248	506,752472
ENSG000000170315	UBB	495,3741965	602,2856399	347,6037388	621,6723454	534,5778098	544,8130782	539,6540128	424,4076308	441,7437695	4552,132222	505,7924691
ENSG000000102409	BEX4	368,2168403	455,555273	505,1101799	669,2425225	826,627697	507,8482287	440,3893894	338,4939472	434,3029428	4545,786575	505,0873973
ENSG000000137462	TLR2	428,1031693	530,5274535	502,7299662	575,2323865	807,3777371	368,9975889	488,4372192	383,1951569	455,6214337	4490,227053	504,4696726
ENSG000000167996	FTH1	448,5058255	490,1218295	508,5204805	403,1210985	474,1641802	688,1242184	497,4360218	668,1241564	523,4120617	4540,050116	499,8944573
ENSG000000240828	DDOST	648,0927452	605,5614078	289,1156487	407,9077582	414,1531966	559,3155899	579,6258998	413,3771657	496,2737342	4477,423146	497,4914607
ENSG000000008824	HSP90AA1	568,9967487	650,1217243	423,7501509	524,9526414	587,2611945	414,9428264	446,1751783	406,4949634	456,9131908	447,2898687	497,2898687
ENSG000000089220	PBP1	591,4671346	507,592452	391,9996772	663,712409	541,048292	482,9378544	451,2456788	482,3384374	358,4358289	470,777764	496,7530849
ENSG000000167851	CD300A	520,4174259	659,0956155	582,5961009	327,515883	573,4189097	529,3425133	473,8907212	321,2660167	468,2069792	466,4674413	496,4674413
ENSG000000169403	PTAFR	547,5603568	431,397657	380,9014379	333,6098297	207,175619	532,9404148	639,2486806	370,7965846	602,4112557	4459,043779	495,4483088
ENSG000000198189	HSD17B11	730,7997495	644,8286177	634,1643657	478,9029551	284,1217263	333,5826379	457,8698651	512,7970411	411,8588452	4477,817804	495,3190893
ENSG000000184076	UCOR10	357,3958728	515,6576925	180,4732335	546,8798798	269,2405207	520,1934697	546,92196	480,909386	503,4058106	4457,077826	495,2308695
ENSG000000117450	PRDX1	397,2680827	549,8337289	283,1883595	689,8121403	523,155941	523,434632	585,8062974	523,1148306	376,8829075	4454,49692	494,9441022
ENSG000000008473	RAB10	324,7595269	344,5338507	715,4145733	700,0456572	747,9158449	439,6584877	485,6395472	533,1806815	468,227445	4449,375614	494,3750683
ENSG000000176340	COXA8	331,2808665	468,4343038	325,8106828	718,8917013	703,7810323	620,3174801	566,6484022	474,2471829	437,0955707	447,318492	494,1464991
ENSG0000000204103	MAFB	754,705671	764,311514	309,4774014	357,7942836	498,3563888	403,5411283	396,6995006	500,8682128	446,492294	4432,246394	492,4718216
ENSG000000112308	C6orf62	502,904844	472,5343004	518,6243915	362,6502777	297,2974696	605,9886234	430,8866234	604,7551984	577,1561007	445,155696	490,5728773
ENSG000000177105	RHOH	435,6247851	405,1110081	501,5659124	733,9279715	708,6341038	575,2132907	489,6055048	283,0685203	537,136621	4409,887718	489,9875242
ENSG000000110321	E1F4G2	557,7823304	418,6301797	625,5125551	596,7830427	439,0248989	392,4953455	434,5103401	457,3899818	470,7600829	4392,888757	488,0987508
ENSG000000197061	HIST1H4C	229,3076415	529,3076415	565,5457186	530,8633621	312,418942	695,6802113	511,9766421	369,9347917	227,715394	485,49247	485,49247
ENSG000000170540	ARLBP1	481,6171645	582,7076854	500,9985423	437,3117632	581,3077262	504,8661647	506,8888567	375,2911994	399,2200589	4369,372161	485,4857957
ENSG000000168003	SLC3A2	685,6299241	421,9430314	437,6924965	341,886139	266,1825275	557,6812645	740,4155011	295,5915251	603,3013119	433,3070721	483,3670801
ENSG0000000667167	TRAM1	494,0814519	471,5041125	479,1136056	504,0573947	465,261943	523,43562	442,1378898	523,6879965	435,5763807	4338,856395	482,095155
ENSG000000228474	OST4	264,9472006	571,5893635	270,5672963	844,1246288	336,7382804	510,7280586	437,8914587	616,5181192	440,1463136	479,9485007	494,9485007
ENSG000000101108	TMEM109	733,2877168	478,8160376	264,7119801	403,7995974	127,1173911	521,2557847	570,5171811	353,4737582	693,5545228	4236,52133	470,7245922
ENSG000000128524	ATP6V1F	449,5638631	539,0991393	386,6914763	508,5105096	475,5244088	559,7848986	441,7807097	434,9420808	392,9117422	4188,813336	465,423704
ENSG000000072694	FCGR2B	829,5518202	761,0056223	364,914185	420,5279323	379,7434484	410,5981195	301,5362783	440,9768789	256,5134678	4165,097744	462,7886382
ENSG000000124762	CDKN1A	246,6322691	649,3432173	596,6090911	456,422324	319,4379975	768,3653593	349,465728	156,9835044	615,9136548	462,1293495	462,1293495
ENSG000000177600	RPLP2	259,5741751	427,3564314	376,470299	347,762703	340,2512573	493,3736636	544,5497407	603,8207343	387,7005947	4150,843167	461,2047963
ENSG000000198951	NAGA	464,2185232	375,2975053	316,1952329	407,6668923	536,7382804	540,3957289	505,4362079	635,8467601	387,7667325	4148,533863	460,9482071
ENSG000000221385	HLA-DPB1	524,6349464	597,7995337	381,783468	417,5359341	390,1326844	605,8817882	511,7805576	225,0777014	471,9476698	4125,588863	458,3987626
ENSG000000112289	ARPC3	513,0455289	622,1213302	383,3131593	463,5108551	258,6310678	451,3074652	379,2296226	595,1537337	455,069185	4122,371585	458,0412872
ENSG000000157557	ETS2	366,6035859	421,2637827	492,6620834	490,8251558	467,939305	404,2802089	519,3472893	632,7252736	557,5808936	4105,167664	456,1297404
ENSG000000234745	HLA-B	148,9313294	685,5154378	353,511237	397,570043	761,6681798	567,4457122	511,5454556	465,8141838	185,9074356	4709,909104	453,3232338
ENSG000000139679	LPAR6	418,8209492	455,1876961	580,7661498	517,3089883	484,269511	444,9211878	446,8221299	382,0364699	445,510189	4039,836711	448,8707456
ENSG000000175567	UCP2	560,7687073	297,5911215	397,9895709	261,4063167	703,5745781	556,8317392	438,5568866	305,4484876	510,952478	437,712656	448,6347395
ENSG000000111843	TMEM14C	386,9849058	575,8659003	515,9782004	430,611843	325,4077958	528,3768328	561,6245822	338,9393179	366,7690262	4300,558404	447,8398227
ENSG000000086598	TMED2	455,9233177	347,1924723	666,1228089	467,7552368	278,6166124	418,9532434	444,6946152	550,7817511	358,9412482	4019,147542	446,5719491
ENSG000000167004	PDIAB	420,5033791	465,1987365	421,2837643	448,7280124	221,3749929	435,4317386	519,0030791	565,7547073	500,8742093	3999,152601	444,350289
ENSG000000049245	VAMP3	559,1588734	463,1900411	284,484364	518,7192525	473,876408	495,4550422	348,1308187	525,4500422	503,8728303	3968,65575	442,96175
ENSG000000107223	EDF1	343,3993901	405,5044322	391,94739	417,2397221	551,9007729	413,5545144	457,5252041	510,2537061			

ENSG00000125304	TM9SF2	403,43568	374,593015	369,1640127	303,0227846	418,2120112	382,038837	329,5299741	494,9938534	410,8540424	3485,84421	387,3160234
ENSG00000106562	PRDX3	360,9720767	495,5746643	474,8449634	309,1990643	297,581864	313,5557688	327,5076438	531,3943297	376,5880846	3476,31846	386,2576066
ENSG00000100612	HDHRS7	358,9126962	528,6086521	318,8771403	311,0490907	406,0935213	440,1302741	431,8666429	261,1745058	403,4396804	3470,156623	385,5729581
ENSG00000130592	LSP1	166,4449015	379,8388621	331,681385	277,0022289	518,6128703	284,6200706	304,4845879	194,4416783	551,9287161	3459,868801	384,4298668
ENSG00000168899	VAMP5	389,8270165	445,3193723	287,1288111	391,7327593	485,0359718	282,8803339	375,1404104	497,7432093	297,8249332	383,6267242	382,6267242
ENSG00000049860	HEXB	604,5628095	400,0475643	488,0033482	246,8346001	359,8336292	311,9714334	400,479283	336,2987104	501,5049462	3449,536306	383,2818118
ENSG000000089327	FXYD5	283,8435109	550,9767125	295,9981876	617,0507577	329,2410746	333,332737	382,9507126	346,332522	305,3187432	3447,640495	383,0711661
ENSG00000168461	RAB31	525,4928004	432,4254936	261,685064	345,1336781	454,5030501	359,2709311	364,7942213	311,7887893	392,4293895	3437,523421	381,9470468
ENSG00000135940	COXB5B	49,28841432	518,2341917	428,2552531	340,2409725	140,5567619	347,1342046	365,6141041	485,2182824	306,9498425	371,501647	379,5446274
ENSG00000059377	TBXAS1	367,5714631	319,752173	360,7402401	246,9956859	584,4607937	387,644996	421,3890388	325,2707041	395,6980969	3409,523201	378,8359113
ENSG00000204257	HLA-DMA	340,3585711	360,7148335	319,897733	407,9697619	255,0874606	504,5129957	540,1696952	351,9390394	323,9039388	3404,554029	378,283781
ENSG00000179144	GMAP7	474,7411174	370,6279046	337,2855731	255,3465814	544,5925828	203,3566212	270,5777011	706,8686753	235,5995039	337,6662512	377,6662512
ENSG00000164587	RPS14	286,1645282	385,5398651	379,2825672	580,6599031	308,3803532	382,3256127	313,3054925	467,3679007	263,5969658	3386,623189	376,2914654
ENSG00000141682	PMAP1P	49,28841432	381,2775285	770,8817242	461,3937448	190,243924	212,0092202	427,2166562	545,993225	340,018253	3378,316262	375,3684736
ENSG00000165280	VCP	479,1232428	289,9675117	311,3423285	551,7235977	302,5953046	387,8021931	412,7025601	244,463946	380,7615522	3360,482419	373,3869354
ENSG00000169397	RNASE3	817,8859637	226,0586029	370,2540485	228,3181028	635,9373146	330,4385653	261,0479963	312,0770915	161,5832263	3343,600912	371,5112124
ENSG00000184840	TMED9	504,3008643	399,6854321	250,1820891	261,8974397	112,5921803	470,6692672	563,7937377	411,2826974	397,2759557	3331,700963	370,1889959
ENSG00000157303	SUSD3	440,4989625	263,0264134	197,5470656	526,5031735	255,4930051	441,812744	449,4191701	377,7145533	708,5213997	3330,486507	370,0540564
ENSG00000115053	NCL	186,3231673	276,2031689	673,1203101	304,6045181	483,4578441	298,8774783	363,1997189	334,5534909	362,4811184	3318,820815	368,7578683
ENSG00000131140	SPARC	302,5504325	1005,604721	322,9025455	401,0126908	192,1329148	170,7366762	344,9961014	294,1942756	218,9232789	3302,685102	366,9650114
ENSG00000116489	CAPZA2	287,7802456	291,5420888	255,63034	308,6423991	260,942126	470,4834694	440,5642101	630,9929338	408,5964741	3201,174287	366,797143
ENSG00000138085	ATRAID	438,4377033	528,7138694	382,48079	351,0150525	329,5912858	378,249819	286,9224977	319,4691807	249,8204366	3264,700635	362,744515
ENSG00000255302	EID1	395,6624472	573,0397574	207,9407268	345,2578017	378,1829645	380,8434692	325,5239858	269,1790733	387,6250571	3261,255283	362,3616981
ENSG00000142676	RPL11	287,5590401	349,2199121	308,6112269	466,8856077	226,3561493	327,2036032	288,1712364	357,0283988	263,5679712	3164,603403	362,6226003
ENSG00000197629	MPEG1	282,898583	287,8814044	548,9512445	418,4987087	36,70404418	425,9442181	413,4702206	315,854384	528,1271163	3253,320924	361,4801026
ENSG00000143110	C1orf162	302,3303253	395,7225688	316,2425331	371,0404841	297,232041	385,3464948	422,1478331	282,3257775	247,2388296	3262,626887	361,0696541
ENSG00000198034	RPS4A	302,7550777	341,4463489	153,4108601	865,3601188	268,6640453	367,0983852	296,6324197	470,3899594	184,3242299	3248,051875	360,8946585
ENSG00000153234	RN4A2	141,8067657	422,8158866	463,9314597	417,7724991	203,2552732	411,8249667	467,5297483	243,4693255	474,816058	3247,221983	360,8024425
ENSG00000179218	CALR	341,1401866	282,467936	193,6847337	296,1237	116,4419445	425,1687771	653,3333573	515,0103982	405,1098105	3228,480844	358,7200938
ENSG00000166794	PIIB	352,4331834	344,3330551	262,4155408	314,733185	320,21784	372,6259525	462,0932478	407,2074341	388,2257022	324,285141	358,2539045
ENSG00000145337	PYURF1	328,4001862	645,0952466	344,3475826	266,1641817	101,352777	342,5781321	292,5726964	500,3147342	366,0226701	3216,488207	357,3875785
ENSG00000165629	ATP5F1C	264,0506366	547,9019378	476,9502565	347,7625571	415,487985	331,1023034	276,8175609	417,4814553	328,9534608	3209,46018	356,6068697
ENSG00000136888	ATP6V1G1	378,7286995	381,8174118	471,2291275	294,208562	378,6404999	317,9024809	289,5361241	484,1938294	364,1141013	3209,410836	356,601204
ENSG00000152291	TGOLN2	286,1362992	319,8264477	307,6094507	422,7807183	374,511246	327,2399664	363,1636969	200,4376541	498,9412387	3195,700718	355,0778576
ENSG00000207379	CYFIP1	414,3714775	305,0907009	244,2669374	289,0229433	351,7034583	391,7872962	452,6522348	211,4793924	524,0072435	3184,381684	353,8201871
ENSG00000204444	MAN2B1	512,6061971	164,6074541	407,627689	214,7351008	313,765433	329,7835468	517,2207415	268,1475901	453,5844785	180,740321	353,4155912
ENSG00000175489	LRRCC2	484,5251178	308,4682589	306,2706159	397,2619411	242,2230807	290,1213381	449,9251337	253,9186108	446,8127142	3179,526811	353,2807568
ENSG00000179010	MRFAP1	270,2915631	362,8754031	414,6143849	429,2896305	415,5213145	379,4384263	313,5576847	328,3187906	260,8851181	3174,79232	352,7507222
ENSG00000100823	APEX1	480,172667	331,5520383	293,1752578	297,7370442	401,5794787	349,1511553	323,9210215	180,8104314	413,7525631	3161,713927	351,3015475
ENSG00000201143	GPX3	461,4559362	491,424064	260,2217245	337,7630775	397,505186	409,9491891	275,145883	299,0840393	218,6429674	3151,192067	350,1324519
ENSG00000166913	YVHAB	336,3151413	522,9905053	312,0816161	397,9880622	525,9285887	378,688925	274,1241919	383,9677256	330,3729249	3149,553649	349,9504054
ENSG00000161203	AP2M1	295,3264832	304,7324454	338,7663275	295,6614249	495,9386077	327,9838608	364,6976177	337,2435388	386,5029335	3146,855755	349,6506394
ENSG00000146066	HIGD2A	187,6174058	385,8128778	469,2580893	246,5715815	516,1628285	348,0570508	408,4500563	241,0050286	319,4728276	3122,901926	346,9891029
ENSG00000158710	TAGLN2	363,9109705	242,8048992	521,3143872	375,4022272	194,3595545	274,3161606	268,8001322	335,483427	273,0531534	3119,441012	346,6045569
ENSG00000116288	PARK7	638,1262519	434,4862446	333,1053108	467,8758952	201,3575206	383,317803	332,9648652	337,1893835	257,409451	3117,917066	346,4352295
ENSG00000139687	RB1	198,4438725	353,0896517	530,4973588	421,8152178	264,1061281	357,2273923	309,1058474	442,6962805	219,7493984	3114,731147	346,0812386
ENSG00000138069	RAB1A	551,0676438	435,5992286	262,6253274	277,7110536	260,151555	353,6053674	306,8399124	305,7990896	346,9546454	3104,4847915	346,4352295
ENSG00000102879	COX10A	385,8577865	293,0239923	256,1229079	337,3110116	468,9687306	369,3903109	404,9258097	202,968636	480,3165405	3098,885726	344,3206362
ENSG00000074842	MYDGF	391,1944689	371,8512719	190,6764565	291,8801832	281,4300168	378,5885567	436,1552125	441,8922345	303,3734448	346,0028606	346,0028606
ENSG00000143621	ILF2	369,6561549	310,1244273	445,4320648	428,5057765	383,8952233	276,0528923	246,7231739	250,639223	371,3642581	3082,393194	342,4881327
ENSG00000136250	AOAH	414,4993089	314,2074206	770,5887127	208,8223201	434,3173696	511,2575058	274,3546433	402,8289215	148,9419565	4079,828168	342,2020187
ENSG00000121691	CAT	368,4079344	244,2242242	322,1741969	286,5983194	429,8573768	316,1989505	437,8665799	206,8101233	296,863224	3079,022016	342,1135573
ENSG00000171858	RPS21	159,0513044	357,9540407	304,0071932	81,03290521	300,2015905	282,336242	268,6227764	347,9769432	221,0066751	373,185818	341,4650909
ENSG00000002578	TYMP	548,9930893	266,6523223	254,1973572	356,3936861	219,5153481	399,7868696	389,4459694	322,1737033	371,6930445	3068,651399	340,9612655
ENSG00000166927	MSOA7	241,1856864	453,2186073	288,473283	394,495247	217,0408898	447,0230429	357,55435	338,2675399	320,2377243	3057,49553	339,7217256
ENSG00000143870	PD1A6	402,6298965	277,8842966	324,4117907	217,986643	418,5764088	295,1274462	419,4276473	370,3187692	322,052103	3048,388109	338,7097898
ENSG00000142168	SOD1	419,8763256	615,9695871	246,5885671	365,3066033	186,2288593	326,0055356	330,2995615	358,7841783	278,8158078	337,5436781	373,5436781
ENSG00000137076	TNLN1	521,0223929	227,6329008	416,0694434	303,9485569	280,2105894	256,4255815	318,1859523	224,0705041	481,6089555	3029,174877	336,5749863
ENSG000000081237	PTPRC	416,8891431	401,8620289	243,4448314	349,4486345	128,9501472	287,42994	359,0438656	320,919436	471,7112318	3009,699259	334,4110287
ENSG00000148834	GSTO1	301,8639647	388,8138286	398,9696631	315,2514211	187,3102734	384,1158532	288,3369072	486,3699814	258,6025033	3009,634146	334,403794
ENSG000000021235	SERPINB1	391,6873276	288,7344609	39								

ENSG00000167658	EEF2	371,0307546	205,4577225	235,5330011	312,9143117	403,3262425	269,8058346	337,531107	206,3469781	332,1758159	2674,121768	297,1246409
ENSG00000117748	RPA2	345,7007099	286,4151803	384,6256695	308,617186	151,0070231	292,1232163	171,6429075	418,005566	305,2732793	2663,409838	295,9344264
ENSG00000205408	LYN	309,0608313	316,8634537	180,7051033	345,2604888	76,78730059	406,2440516	368,329925	300,8434122	358,7284104	2662,822977	295,8692197
ENSG00000190558	BLNK	235,2032932	293,5256203	341,2576482	224,739617	305,7657433	298,7298236	256,6735082	196,1813985	490,1670245	2642,243677	293,5826308
ENSG00000140497	SCAMP2	204,6339348	256,2364953	289,7108592	299,6055378	258,7980502	333,5798055	352,3708804	294,8137211	345,74887	2641,297909	293,4775455
ENSG00000136810	TXTN	193,4514533	359,4695724	284,8607945	677,6558796	125,8689208	255,436581	262,990785	242,7549001	222,4638074	2624,952694	291,6611404
ENSG00000100220	RTCB	318,7143386	409,4613133	179,9639347	332,4218411	116,9787846	284,1747302	302,235895	302,1795475	179,95075	261,064597	291,0071775
ENSG00000178952	TUFM	358,9474071	306,4653253	457,5167708	138,3155994	158,3625526	291,7504849	339,1274102	244,9400078	37,1897579	2613,332137	290,3702375
ENSG00000116701	NC2F	173,8700521	327,3017446	177,104523	260,7526964	307,0592265	295,3352214	294,3215	256,173689	2608,611815	289,6235351	
ENSG00000187840	E1F4EBP1	217,5648784	405,2600683	114,9826773	220,9051774	477,8711842	277,7116812	310,6816516	140,0591974	430,1924612	2595,228977	288,3587752
ENSG00000111269	CREBL2	242,6168443	256,3142168	113,1907746	235,4353653	623,7401067	295,229453	268,9838224	308,1079075	237,307339	2580,944028	286,7715586
ENSG00000145741	BTFF3	209,0556861	465,3084323	200,059488	300,0699323	215,1502747	324,4234382	253,9413732	358,1605324	253,8722254	2579,987843	286,6653159
ENSG00000121966	CXCR4	172,6492626	469,8513374	126,9909805	759,691529	350,0750143	139,8005489	253,3665742	5,497337679	301,6663424	2579,588855	286,6209839
ENSG00000134153	EMC7	412,8482327	434,1610484	236,6276876	279,2651174	160,267333	267,8336032	232,2756559	335,6687239	212,5971581	2571,54456	285,7271733
ENSG000000011422	PLAUR	327,8187363	293,4701989	148,5013722	242,434761	384,0954284	306,3222203	320,5869735	223,7495007	39,195676	2566,174867	285,1305408
ENSG00000168648	PLD4	265,0553481	215,220754	276,1473507	248,5558035	251,7991998	458,8995713	352,7088464	20,79128209	476,8293816	2566,007538	285,1119486
ENSG00000198938	CAPZA2	37,2816356	379,8144272	264,5926731	301,0044586	141,6643173	315,543359	247,447047	375,6481884	221,1813474	2564,177454	284,908060
ENSG00000169313	P2RY12	90,14611235	251,8428898	1044,331905	227,3881973	460,5358908	311,907387	172,6482567	29,68400902	153,0559578	2564,540606	284,6156229
ENSG00000148248	SURF4	548,1651093	257,7120936	185,1048903	249,1190512	180,8618102	300,328199	311,3995177	236,6275989	250,636558	2549,954828	283,3283142
ENSG00000125538	IL1B	0,048808324	589,8950784	72,54777777	285,2922768	30,39043802	325,1225675	369,3998954	273,0140903	604,0612253	2549,727158	283,3080175
ENSG000002077443	MARCKS	184,2803258	348,7843334	275,1977097	290,2111985	195,6087172	284,7050213	304,4174279	395,660129	270,7666161	2549,631363	283,2923737
ENSG00000071553	ATP6AP1	384,7040967	307,6111886	289,4508442	134,5655217	333,313572	255,6610119	347,9219409	160,2312561	327,015098	2540,512107	282,279123
ENSG00000174125	TLR1	132,6922005	283,0354945	173,478421	426,2263824	240,7836817	232,5446044	343,3633771	217,3279148	302,3145059	2540,446553	282,2718393
ENSG00000163154	TNFAIP8L2	298,175867	312,137665	329,1294927	329,2107063	408,1163089	276,3743545	303,2741444	80,75387099	221,6406232	2531,688833	281,2987592
ENSG000002041339	PLEKH02	122,1883181	140,4484703	374,8734579	91,0203899	553,7802897	248,5314578	324,5840946	188,3503676	290,8815226	2524,656369	280,5175965
ENSG00000158310	FAM49B	163,7527603	322,6982677	271,4354514	293,9090176	213,6143769	318,7764979	260,1462184	342,0049716	396,0582153	2522,440517	280,2711686
ENSG00000092820	EZR	641,5097331	177,2436508	164,9505924	308,8811828	127,1829259	201,42691	221,2280111	339,9528464	336,1353667	2518,511239	279,8345821
ENSG00000185043	CIB1	283,1270067	260,126886	197,3432089	266,0128984	286,4157573	395,5028625	288,9568108	176,890244	357,0457306	255,031296	279,4479218
ENSG00000100504	PYGL	319,1072324	183,7356644	87,56434266	305,5338473	612,0639503	251,6395571	248,1254476	321,4213941	181,5539827	2510,745418	278,9717132
ENSG00000137491	SLC02B1	183,5633577	149,1347208	358,0360042	121,3797607	232,7967065	453,5252408	477,1048466	149,0483041	379,7532568	2504,325638	278,2583978
ENSG00000176788	BASP1	424,9544706	246,5257065	336,1408932	287,8066565	101,0750212	255,6692811	229,5417164	212,0622812	401,7437171	2495,483744	277,2579751
ENSG00000182899	RPL35A	186,2028293	335,9321616	215,4851177	435,3392452	139,106708	258,284719	201,3821025	417,799384	195,7494952	2485,295125	276,1439028
ENSG00000178913	TA7F	402,1661056	300,2442006	183,2443179	405,536839	216,0244342	254,8064751	247,7152056	135,7900408	332,312419	2477,840038	275,3155598
ENSG00000115866	DARS	326,8020486	439,285663	222,2904832	151,4433207	437,7878626	195,5873423	171,1487147	249,2166435	283,8539668	2477,416047	275,2684497
ENSG00000118816	CNCI	287,8315886	305,0402957	279,396843	252,255807	294,0949187	349,5337096	304,9588729	125,6858605	265,397502	2464,157437	273,7952707
ENSG00000174748	RPL15	288,9764735	317,5229001	308,2723086	279,6506097	181,3488891	257,7334201	238,9009326	270,2404487	216,1861858	2458,832168	273,2035742
ENSG00000134294	SLC38A2	314,8272313	246,3907363	220,240186	333,0138015	429,5727738	259,125353	206,6434105	210,8811174	223,0500894	2443,744699	271,5271888
ENSG00000125835	SNRBP	233,0508097	262,686842	256,881453	249,7053787	335,2352728	286,773446	258,3039464	285,1872676	274,9888682	2442,810584	271,4233983
ENSG00000168894	RNF181	213,9081603	280,2303689	142,9053295	397,3911334	61,6028941	249,9538063	337,6386065	346,2143759	304,9710964	271,0289343	270,0289343
ENSG00000130255	RPL36	196,8230154	276,643196	188,1353642	409,987888	204,780809	254,0163255	267,0733531	277,6174174	263,3439492	2428,932222	269,881358
ENSG00000155660	PDIA4	317,707913	187,4880066	170,707508	171,9666067	98,76276862	336,197812	390,297191	467,3975917	327,9113416	2425,387477	269,8283106
ENSG00000175348	TMEM9B	210,53848	258,0807427	267,9432954	156,8380838	279,2853949	352,4351755	291,7573844	292,5369392	315,9719811	2425,387477	269,8283106
ENSG00000124562	SNRCP	350,8054425	332,7467205	145,097888	225,0912263	235,4299159	255,9958748	281,1536899	182,4021468	249,510279	268,8336433	269,8283106
ENSG00000149806	FAU	188,7905967	288,0621099	286,9587843	402,8647218	164,2475581	280,4831907	278,82296	294,1465336	231,7076734	2416,084329	268,4538143
ENSG00000204628	RACK1	302,7256884	309,1914515	162,6578042	447,2484651	274,639836	232,4963988	211,7076203	246,4743986	227,5458418	2414,69162	268,2990689
ENSG000000508262	SEC61A1	211,5547989	212,2598203	326,7446035	245,9762024	406,948284	259,0991357	359,5644406	181,2405117	173,1897333	2412,579362	268,0643736
ENSG00000129615	SNX6	214,1684044	235,1549818	174,7110001	153,3352983	298,949185	285,2008196	304,0630604	530,1442294	217,5377685	2406,611087	267,6234541
ENSG00000231500	RPS18	303,018782	282,0315802	263,8840525	255,5691364	234,581688	308,0102112	212,6975257	246,1142962	200,2359477	2406,14322	267,3492467
ENSG00000101367	MAPRE	325,8137363	251,5008689	174,469945	328,154573	247,8219418	313,1088129	323,3726004	202,7490789	218,9971314	267,1988783	267,1988783
ENSG00000149781	FERMT3	365,2085221	144,7407078	336,3686129	137,9568147	232,1496963	268,7253503	342,8131021	211,2367098	356,6604491	2395,859965	266,2066628
ENSG00000184574	LPAR5	105,8785914	254,1107514	220,3979239	329,393916	167,4413081	333,6772443	280,3272557	61,05467289	507,376869	265,2953775	265,2953775
ENSG000000084754	HADHA	298,0691769	277,3669292	174,8367097	71,586887	484,8211199	217,894103	250,1294958	332,3952188	79,9498294	2387,049468	265,2277186
ENSG00000169813	HNRPNF	141,2161497	161,8084064	609,313703	265,1060389	307,770569	274,7945471	282,7228815	154,6023399	288,2820631	268,396232	265,1551368
ENSG00000184557	SOC3S	138,8957074	308,2554156	165,323936	326,3158238	125,0475129	295,2285866	459,1094372	325,8418413	331,7911029	2385,709364	265,0788182
ENSG00000176978	DPPT	295,5300959	178,6663486	319,7312722	136,7990567	365,8597421	266,4009124	238,3155436	302,7000742	238,7574878	264,8416531	265,0788182
ENSG00000162704	ARPC5	299,4401393	240,7990694	314,0261569	308,3442869	292,4869073	221,1050531	189,6192482	298,6321796	212,8073558	2377,260396	264,140044
ENSG00000162736	NCSTN	235,5362423	185,9663109	373,8701113	210,1502446	395,1944681	231,2145219	219,8995894	327,1550184	194,3942926	2373,38098	263,7089978
ENSG00000108946	PKRARI1	294,1793385	230,0100927	209,310334	397,0067683	159,7364937	251,8454935	253,1296348	314,7872482	254,1800625	2364,185466	262,687274
ENSG00000116181	CD58	331,3590541	460,3805753	178,8795704	284,1909505	48,71437514	209,8062001	255,2308491	248,9372527	352,3027756	2352,522603	261,3914003
ENSG00000139832	RAB20	384,645089	86,65239153	239,4821145	193,7533089	364,5984338	180,7731698	292,8196136	253,2527707	356,5244166	2352,447309	261,3830343
ENSG00000124783	SSR1	264,8063291	253,493305	207,2175203	245,4687954	154,9246178</						

ENSG00000115875	SRSF7	157,7601829	242,0238424	159,0224843	372,5983716	91,1776801	184,2038072	202,7377231	350,2034588	426,1835205	2185,911071	242,8790079
ENSG00000100650	SRSF5	127,8389222	239,8111485	147,9412474	381,1004744	244,6182401	239,3113732	245,623926	258,4507818	300,6432634	2185,339377	242,8154863
ENSG00000197405	CSAR1	239,7172413	122,9436498	298,9880417	103,1767174	530,0739702	189,3641974	208,6939058	194,7601854	295,8872262	2183,605135	242,6227928
ENSG00000105876	RRAGA	66,56853333	152,8865023	278,5049198	160,4364192	421,0451232	300,8108065	258,1261896	274,495676	269,8228439	2182,693684	242,5215204
ENSG00000127184	C0XCT7	171,0642265	303,8216365	158,8256025	426,7194607	200,2955538	244,6106674	227,809262	297,8777843	218,1858431	217,770037	242,5522263
ENSG00000172243	CLEC7A	172,8211445	130,9992062	392,7546983	291,2009406	241,0415613	301,569201	227,673254	225,0740627	214,2779353	217,7412829	241,9346987
ENSG000001063106	HPGD5	344,8127044	249,5968878	77,56052975	184,4202664	130,3098235	438,6295256	321,2539765	132,1112151	298,7102085	217,77406937	241,9341042
ENSG00000123349	PFDN5	197,6955454	277,3445066	148,2012244	299,5348229	106,035298	295,0757467	251,9900632	416,0738223	320,321602	217,626231	241,8069591
ENSG000000095139	ARCN1	307,5391336	110,415188	203,633522	212,7710135	360,068922	191,4902778	173,5617856	240,0931081	250,8505369	211,919658	241,2244064
ENSG00000144802	NFKBIZ	59,5532405	328,9305457	145,866548	288,1691231	124,8575393	206,5027273	157,7414204	445,7675409	411,7467173	2169,135396	241,015044
ENSG00000109861	CTSC	283,2048816	184,6520645	177,424244	196,5885702	356,9429824	276,5079212	267,6773823	228,9118452	192,3703142	2164,280005	240,4755562
ENSG000000010756	UQCRC1	254,4920847	260,6099214	239,5452726	162,4735563	315,8530694	223,38896	240,1715188	227,6120757	233,7582662	2157,904725	239,7671917
ENSG00000166797	C10A2	168,9630142	353,0931824	230,379082	259,4340212	260,7574721	225,374102	227,1790259	286,5715718	145,1411999	2156,892672	239,6547413
ENSG00000121064	SCPEP1	180,32868	121,5790486	236,7845017	279,2877849	301,7034738	286,2205044	296,367893	166,0320069	286,7043157	2155,008209	239,4453565
ENSG00000132589	FLOT2	225,6851974	268,5374898	245,1800873	164,9509294	213,5637066	292,129862	255,8262345	145,3327257	304,9927341	2152,198967	239,1332185
ENSG00000179091	CYC1	354,4901569	175,2553164	228,416658	184,635089	219,3489217	232,1733847	204,0251145	364,6058447	185,8465223	2148,797008	238,7552231
ENSG00000163565	IF16	131,3012136	301,7230628	238,5462013	308,5972565	220,8023423	227,3043847	209,6781313	239,2436149	270,6253948	2148,812602	238,6468447
ENSG00000144118	RALB	198,4216289	169,8700629	436,4239041	210,1141314	229,5093264	221,2141023	160,5494719	354,7702372	164,180645	2145,05351	238,3392789
ENSG00000100292	HMOX1	228,5391275	218,3392015	169,8834446	197,8293435	191,9771464	255,3247588	448,0147696	140,5676412	292,7143354	2143,189768	238,1321965
ENSG000000008288	SVPL1	158,0068281	313,3742276	330,9192476	156,895994	266,0082509	209,1632984	181,3144741	276,2263928	250,9988516	2142,909301	238,1010335
ENSG000000063177	RPL18	197,9285981	229,7664792	219,2417581	315,2597826	343,196075	266,4376749	209,9521708	164,1463913	196,6397867	2142,568717	238,0631908
ENSG00000134440	NARS	385,4816245	217,9104589	148,065702	190,2930042	387,3094551	240,7001368	251,7691548	162,0252648	194,4366403	2141,991441	237,9990491
ENSG00000140575	IQGAP1	236,1537666	121,9653453	403,4045592	197,804448	272,2015473	208,4011016	233,1238114	266,4554056	199,8007584	2139,746747	237,7496382
ENSG00000137752	CASP1	235,2879032	357,6918568	294,2920734	176,4733292	205,3903737	215,3068842	204,7968967	238,6760443	217,1283392	2139,634701	237,737189
ENSG00000008896	DYLL1	162,4528858	293,5747794	209,5994065	198,438778	174,3515056	236,9295357	221,9586286	337,4243127	241,3912352	2135,522121	237,2802357
ENSG00000127131	CLIC1	303,4661306	229,3428744	205,3522512	207,8517598	251,6851428	228,8444469	270,2008919	210,2539837	210,4364647	236,7182941	
ENSG00000136240	KDEL2R	151,6104275	211,4432718	355,2911036	323,214111	125,9195861	259,6732716	303,4594162	220,962352	172,0380784	2123,611618	235,9568465
ENSG00000169567	HINT1	124,0261864	198,4749412	281,1389637	323,989332	229,2411119	250,2277644	245,4364195	188,342395	2121,370511	235,7078346	
ENSG000000256235	SMIM3	317,8939654	134,0162548	268,7859388	202,4403641	321,7247399	258,6551988	170,914262	328,4106727	105,1789628	2108,020134	234,2245944
ENSG00000120690	ELF1	188,1991818	213,4388584	397,0339491	213,106678	284,5608267	195,685665	167,3691166	270,910214	172,4551944	2102,760575	233,6400639
ENSG00000134308	YVHAQ	290,7421434	344,6830893	319,4558413	212,3417527	148,1143807	248,712301	163,9336548	215,5593143	236,6945711	2099,237049	233,248561
ENSG00000198258	UBL5	138,8245222	287,3049188	188,830811	512,275758	72,1582633	242,0352639	222,6107496	230,8421707	197,9372244	2092,607952	232,5119947
ENSG000002060314	MRC1	430,0010321	97,63304514	0,535813606	77,75741533	620,1492024	120,3395336	187,9152814	501,8299841	53,33952804	2089,500836	232,1667595
ENSG00000161547	SRSF2	163,3817307	281,2069235	183,6308708	203,204692	253,4177155	201,6533148	189,7650397	293,8534785	254,0374736	208,9167796	
ENSG000000089248	ERL29	294,8365972	234,1955219	124,5394605	100,995729	234,440698	241,2750072	233,5336616	177,8429404	225,3442417	207,6101073	230,667897
ENSG000001008679	LIGASBPB	333,4853973	223,712861	102,5163311	167,0885358	227,8910731	105,948564	344,4017617	431,6313608	186,8406134	203,3925437	
ENSG00000110031	LPXN	125,9969371	283,5761971	142,2014126	251,2041203	387,7945411	209,8933563	297,9348216	184,5718825	185,6205233	2068,793792	229,8659769
ENSG00000119801	YPEL5	251,6889891	423,1015833	47,04778641	210,5175475	26,66350651	256,698241	297,7398875	384,0420463	168,190831	2065,690419	229,5211576
ENSG00000102316	MAGED2	210,8770349	264,1330813	238,9703195	290,1050754	199,978743	166,1924499	239,7706922	157,8630656	299,7146461	2089,7313809	
ENSG000002055112	CHMP1B	151,5064071	142,2362444	328,9522193	354,6630909	301,010868	185,8480953	193,7929129	174,5222519	226,496677	2058,928916	228,7698795
ENSG00000173915	ATPSMD	175,4779679	238,8321061	212,6968939	212,535953	211,0398544	176,1453201	141,0662283	289,6666663	156,1667701	2058,645402	228,7383781
ENSG00000130724	CHMP2A	288,6644861	280,610792	115,030702	294,2718995	87,71306812	266,9443287	248,118335	239,9491975	232,4609154	2053,797273	228,199697
ENSG00000110057	UNC93B1	393,2891917	197,4665634	122,7950575	171,5535657	264,2601372	234,2968595	245,9729472	291,7468099	178,6409154	2045,957442	227,3286046
ENSG00000131143	COX4H	221,6834958	263,6095498	144,9649974	316,4217732	317,3669564	259,7026786	211,6133604	243,6196425	233,1613714	2032,143826	225,7937584
ENSG00000171522	PTGER4	82,06332561	235,3808584	278,5291567	430,4887385	21,27953384	235,9450639	311,6932288	121,7684947	328,4826793	2028,164219	225,3515799
ENSG00000135838	NPL	223,4310267	90,49455641	251,9421641	133,9029126	405,3586627	245,6143512	284,3573856	189,8919454	157,7921025	2027,785107	225,3095464
ENSG00000164924	YVHAZ	225,9329953	224,8356726	304,5209125	246,6208211	181,9719135	195,8663848	165,2214212	284,3634442	196,3336322	2023,943096	224,8825663
ENSG000002025921	NOL7	363,4846752	244,5491338	260,224179	214,1344546	302,4547491	183,73684	184,437142	129,4341834	232,3867768	214,842125	223,8713472
ENSG00000167850	C300C	331,0088506	176,7580752	160,1546516	139,6698743	678,9381091	160,4421991	113,9737096	89,0888188	162,9372938	2012,971582	233,6635059
ENSG00000105193	RPS16	158,7960746	184,711131	261,8668173	312,6325533	221,5945942	180,8636242	200,2176165	224,16167	147,1342886	2012,61107	232,6234527
ENSG000001022218	COPA	270,6237278	163,0100596	166,2554125	349,996815	176,465538	214,8408743	223,7118311	191,0385011	249,7846564	2005,635554	222,8483949
ENSG000002023892	DEFB	360,8480602	170,8339954	384,1493109	67,61911129	78,95294553	267,361131	258,91939	113,262566	395,401267	2004,574423	227,7304915
ENSG000001028608	ADORA3	235,9731874	151,6843469	299,8088302	216,3614155	163,1866465	283,5977964	210,128952	67,51342671	203,4146759	2001,469278	222,3854753
ENSG00000168615	ADAM9	214,2631818	125,1456476	276,1216261	296,5305138	347,1639855	183,6816527	230,3085582	135,1350472	191,5831788	1999,933392	222,148213
ENSG00000108639	SYNGR2	318,5784171	257,1504159	165,6004152	146,0954043	54,56400558	30,3588718	275,3017422	223,0473885	242,1843856	1998,868505	221,0965006
ENSG00000198755	RPL10A	278,4723315	292,6801937	244,4307767	279,2900957	16,19362923	164,3702928	185,0437788	91,5118117	233,4713164	1985,410227	220,6011363
ENSG000002044252	HLA-DMB	277,8495253	218,6755266	158,0623888	187,343732	236,0382372	237,774374	219,3350872	252,3565969	194,8709368	238,3677186	
ENSG00000155629	PIK3AP1	235,0343211	131,4310647	379,5347132	130,2389887	109,6040882	242,4196208	269,0950387	167,0181754	217,3244417	1981,745453	220,199392
ENSG00000124172	ATPSF1E	171,45229505	239,6443264	126,3794585	134,9604801	183,6227859	249,1760698	201,6760877	306,0470527	186,651211	1979,610422	219,9567136
ENSG00000188313	PLSCR1	138,3784935	283,0594105	115,8892102	145,5862958	273,4001973	292,4116466	242,5122553	250,9533073	235,5686181	1977,759435	219,7510483
ENSG00000136930	PSMB7	324,617283	262,5932003	77,5749515	236,4175944	102,432856	255,4540367	223,3624534				

ENSG00000143158	MPC2	267,4508167	271,2930244	232,7740859	118,7956423	126,3309626	178,8035518	178,6929634	352,8560185	113,3536976	1840,350763	204,4834181
ENSG00000123144	TRIR	146,6152905	226,8264516	221,7903765	256,357168	211,745126	193,4990631	217,0608032	184,4989347	180,3179072	1838,711121	204,3012357
ENSG000000034713	GABARAPL2	177,4168627	258,2537071	111,1920396	311,9083185	91,27073751	228,3613021	187,9137065	299,3671314	172,4482846	1838,13209	204,2368989
ENSG00000179632	MAF1	202,078305	208,5178783	229,5206823	118,960417	161,193961	252,2665166	222,4175947	164,1910894	248,1031834	1837,249574	204,1388415
ENSG000000221983	UBA52	144,6183608	223,1818226	184,8896896	240,7558416	251,1822004	185,8691644	195,6940896	201,514439	205,457608	1832,4734854	204,4734854
ENSG00000156535	HK1	235,9062578	154,8971497	291,8437824	202,9540296	127,8814374	231,2101969	329,4020169	119,7667857	225,2237873	1829,085444	203,231716
ENSG000001475613	GOLGA7	82,09078697	254,5940009	239,4044167	325,3776866	116,6576431	192,6681839	194,3420825	247,920184	179,0857359	1828,748565	203,194285
ENSG00000141367	CLTC	128,9035016	161,0075359	304,801092	196,264696	153,0406289	192,0811619	180,3609521	215,6088345	205,8035119	1827,903688	203,1004098
ENSG00000119396	RAB1A	214,388999	148,5113306	104,393268	587,33388	195,313928	183,0870199	175,7982646	232,7155241	216,085765	1827,725296	203,0805885
ENSG00000107719	PALD1	222,1095937	94,57676619	66,32930778	151,7498193	338,2404271	305,4770011	216,1845655	10,32160037	419,3036178	1824,292699	202,6991888
ENSG00000149273	RPS3	137,3122851	198,3948746	164,2544978	373,565893	169,2308473	198,7019144	197,0820047	226,8882514	158,3137042	1823,744272	202,6382525
ENSG00000156587	UBE2L6	190,9035095	247,0755578	171,61429	199,9404752	33,96116429	211,0491963	290,1881733	301,2691498	174,5803655	1820,581882	202,2868757
ENSG00000168918	INPDS	150,0313338	143,1985154	262,9939584	219,9957469	187,1084718	252,1435593	249,7554817	68,89604506	282,6340038	1816,757116	201,8611901
ENSG000000004142	POLDIP2	182,9173649	179,263472	388,8598014	361,8884685	125,3548874	153,8556509	117,8575253	116,3327691	187,5866582	1813,916598	201,5462886
ENSG00000145685	LHFP2L	167,8564331	129,6170932	271,6726654	126,3622674	155,9912604	324,7912205	291,4271419	135,8687955	209,5403813	1813,127259	201,4585843
ENSG00000099860	GADD45B	139,307286	203,9283873	278,3701552	297,4268162	50,89458154	239,1657612	195,2477991	176,0360021	232,1777647	182,554534	201,3949482
ENSG00000129675	ARHGEF6	105,0446465	178,5244294	276,7160743	297,5454679	137,3736866	165,2818894	289,6657816	99,606176	127,9594492	1811,147239	201,2385821
ENSG00000123131	PRDX4	213,988683	199,6248529	98,45440702	119,8605743	257,2869077	198,3771747	199,2644734	293,3831443	129,0406041	1808,802007	200,9780008
ENSG000000006747	SCIN	167,5005956	130,2885049	250,9854721	183,9086824	181,7519026	153,8376068	127,5748146	349,9605049	262,0810023	1807,887266	200,8763269
ENSG00000184060	ADAP2	297,4258992	145,2257072	148,6266929	215,003301	256,4587076	226,4789979	185,4618001	136,2271577	261,6223443	1803,58049	200,3978322
ENSG00000198856	OSTC	241,6272986	208,0755372	120,2401542	362,0149833	30,00553726	204,7188675	177,1026159	301,3988568	157,9005415	1803,079392	200,3421547
ENSG00000122861	PLAU	118,9822805	178,9431862	147,1437553	120,4247204	0,852432281	403,6651027	432,1897702	22,52198985	376,8606996	1801,575937	200,175993
ENSG00000141033	COP3S	174,7469811	285,2843218	103,6345726	216,2459093	208,5588419	205,0435896	149,3654221	228,8137079	127,8789159	1799,590262	199,9544736
ENSG0000010237	RBM3	181,5816399	256,6377097	325,971858	208,5867705	96,38919448	184,8734125	111,1081025	286,3161372	146,4892872	1797,954112	199,7276971
ENSG00000100353	EIF3D	291,4416828	210,3364076	178,3213538	134,197085	180,2651393	204,2880036	188,221951	196,0249126	213,4334662	1796,530032	199,614448
ENSG00000101856	PRGMC1	171,7416126	224,685949	119,3619602	241,218679	568,899077	103,657016	114,5513401	138,2693891	113,7934973	1793,157176	199,2396862
ENSG00000100991	TRPC4AP	1821,6238434	185,9694517	204,1333934	76,82810289	24,41817571	235,2760993	255,0674554	259,1643667	269,4245598	1791,905448	199,1006054
ENSG00000144713	RPL32	132,8716873	185,9694517	142,4274378	722,99971	245,8796721	208,7262094	184,1580679	255,9091368	184,1588426	1786,760216	198,640024
ENSG00000155508	CNOT8	240,6233973	118,7193588	284,8411854	182,5216909	362,3157902	149,7416833	124,2890592	186,1532144	138,1317821	1787,337108	198,5930119
ENSG00000140990	NUDFB10	249,7683375	283,8695597	252,053109	150,7903074	67,7984547	266,5905739	153,097934	230,0322951	186,5613166	1780,444278	197,827142
ENSG00000182934	SRPRA	147,5768857	169,3664514	147,4339966	145,7536972	386,8218851	208,9481323	217,1532096	155,7376035	198,61563	1777,407491	197,4897213
ENSG00000182022	CHST15	322,6602144	143,8041079	250,1943846	69,5905359	159,1687105	61,5598043	130,8396875	436,5392636	186,0860716	1796,998304	199,99834
ENSG00000163468	CCT3	150,484854	192,9872935	160,7881784	159,7078714	243,4008058	237,8309225	128,9561023	195,4900159	207,1534605	1766,806802	196,3118669
ENSG00000155928	SLA	165,4530638	120,7730755	205,1360282	118,7461392	259,6902586	228,0135345	219,8033863	185,9273398	262,4328544	1765,757568	206,21952
ENSG00000119900	OQGRF1	31,8594528	154,9355803	182,8534848	258,8306608	101,4812323	327,149425	199,8875773	127,3339833	350,5280908	1764,589487	196,0654985
ENSG00000089597	GANAB	91,08692848	63,49048153	294,062049	125,796077	292,5056879	207,4706814	273,8366232	183,6794885	229,1491314	1806,09393	195,6755992
ENSG00000113384	GOLPH3	98,26044766	205,2626033	328,7707735	160,5387681	0,392907596	226,720252	211,6797067	341,6418669	185,5076336	1758,774959	195,4194399
ENSG00000198843	SELENOT	173,9872858	192,9844238	339,3292932	119,349449	160,4087305	246,8396295	188,7971961	182,837797	152,4525764	1757,049381	195,227709
ENSG000001026534	TIMM23	148,1899462	315,9118354	131,9821478	219,2854598	252,5893974	217,6288235	217,6288235	250,4638487	152,2692094	1794,8811485	199,8811485
ENSG000000082074	FYB1	143,2247598	206,7779775	290,3201169	201,9886013	113,6617365	240,8167752	194,5335792	101,0376566	260,7477299	1733,106933	194,7895952
ENSG000000275302	CCL4	12,45922587	349,2568224	224,242442	137,6631872	169,655298	183,1024248	294,9077051	210,4104238	169,9020296	1751,59982	194,6222023
ENSG000000247596	TWIF2	280,2573956	139,8832745	327,3134208	125,4611767	92,70243535	244,621641	265,0925503	88,94837486	244,8419881	1748,922257	194,3246952
ENSG00000162976	POLC3	408,2181202	242,5203295	116,2840573	131,6739238	170,800551	91,97772614	140,000802	336,400141	111,2951432	1786,782898	194,2975887
ENSG00000165916	PSMC3	107,8223053	215,008414	152,1806693	220,8087702	320,4603377	205,2218899	182,031211	149,682794	193,6853914	1747,901783	194,2113092
ENSG00000159399	HK2	135,1123869	127,9246053	172,820741	261,1070953	412,3574287	33,7699429	139,0022576	62,28342854	300,8833457	1747,17323	194,1303589
ENSG00000162434	JKAK1	199,8497865	159,0644307	234,7232147	238,4179515	232,6192065	136,3377075	133,1026832	220,3762763	188,7677188	1734,258976	193,6954417
ENSG000000061794	MRPS35	211,2985207	198,2583597	146,1916065	334,483456	182,3498402	155,8527385	119,3593417	245,0009669	147,53736605	1736,488254	192,9409171
ENSG00000168906	MAT2A	149,9313354	203,2139706	130,3986854	199,3810832	277,6855378	215,8502152	191,3807227	162,8965059	201,9242147	1733,103271	192,5670301
ENSG00000136161	RCBTB2	262,6212203	152,9430534	185,8428306	152,933911	268,0465492	180,9337911	162,987554	112,5062124	227,3146744	1732,729476	191,7477196
ENSG00000136754	ABI1	192,5244682	178,5070498	139,2536627	220,848236	327,3683518	190,2582882	155,662932	214,4142748	195,0110734	1723,848337	191,5387041
ENSG00000105058	FAM32A	221,3561405	286,7067507	62,07884563	155,3982919	31,78031348	193,1161111	207,1795383	352,2800595	213,2252655	1723,115847	191,4573163
ENSG00000138449	SLC40A1	80,85989564	167,7590481	64,26283582	97,5041289	368,9870545	173,9953646	301,9981063	350,1232785	171,3880458	1722,877701	191,4308557
ENSG00000135231	VDAC1	278,2833238	187,760961	194,3763762	191,5291811	98,81915974	195,2401277	164,4406188	213,606603	198,5857558	1722,642107	191,4046786
ENSG00000132646	PCNA	201,947484	374,2138533	65,58190503	280,4632514	141,5414285	232,605919	173,225968	45,6980814	198,1656341	1718,306333	190,9229259
ENSG00000178449	COX14	160,4576163	186,5936599	169,6538336	206,396463	131,0593917	229,7091799	182,3847094	194,8541986	199,6431517	1714,750869	190,5278744
ENSG00000158864	NUDFS2	160,8609973	256,1203249	94,91447338	146,5173422	102,6891606	242,1470941	190,1263123	184,1870102	224,7127305	1714,275445	199,4750495
ENSG00000165264	NUDFB6	47,86258335	189,7888182	309,0673395	198,6198454	202,6189885	203,8569352	160,2326751	263,4417007	311,8088997	1706,920743	189,6578603
ENSG00000180448	AC00A15.1	190,6869822	124,3563332	251,1981112	120,8466801	95,8508944	152,3994236	211,8996389	101,0691175	355,0398557	1793,327775	199,2586416
ENSG00000135624	CCT7	176,591881	211,3176999	282,4478243	242,3330939	0,600029311	264,5051661	189,458758	86,12830833	262,598464	1699,254486	188,805054
ENSG00000135506	OS9	241,414114	146,7544435	225,384909	91,77399571	154,999272	122,726272	230,5750984	175,0938828	207,9582675	1696,676952	188,5196614
ENSG00000151726	ACSL1	117,9018345	215,0597836	273,6891904								

ENSG00000120742	SERP1	139,9542269	227,8950204	150,969864	235,036849	189,9077096	169,8972839	141,6156525	146,3739404	172,9346709	1574,585218	174,9539131
ENSG00000099341	PSMD8	140,7445315	233,5987473	189,7068695	114,7945814	131,7342611	175,207981	178,2446488	198,8992614	207,633361	1570,564243	174,5071381
ENSG00000133048	CH3L1	64,47923548	98,07156114	378,1620437	87,67663434	248,06127	125,3086128	172,4051157	8,05698321	387,6085362	174,4255547	
ENSG00000026508	CD44	392,3980812	172,8020266	12,3298805	150,0037024	196,7536235	122,7579057	169,3673894	162,0794105	121,8479948	1560,339422	173,3710469
ENSG00000108528	SLC25A11	120,4114584	177,6400057	72,48480526	176,7726214	14,0248824	275,8238159	178,2785656	147,8989914	209,8388495	1560,174143	173,3526825
ENSG00000116586	LAMTOR2	119,7958584	157,3795884	135,5104655	196,5177869	121,2739298	183,4477169	169,7563273	168,8938853	188,8190337	1559,394317	173,2660353
ENSG00000168288	MDM4HC	265,4626165	181,3388224	205,317394	65,2944262	83,68273894	189,2923929	176,5921975	241,6014605	163,8456343	1559,247392	173,2497103
ENSG00000009978	MARCH2	204,1629281	171,9448475	36,0019352	157,432338	207,2704588	177,5153327	147,1558632	215,3192759	242,0365809	1558,83956	173,2043996
ENSG000000229117	RPL41	120,9702854	171,5818394	201,9682043	177,8771272	176,4780327	182,5315821	176,7682204	202,7937779	147,7459112	1571,11291	173,0123656
ENSG00000136717	BIN1	69,87377451	146,6535888	203,4415705	58,37003585	108,2795388	277,1059632	203,1441837	73,67602569	415,4057066	1555,950386	172,8833764
ENSG00000131100	ATP6V1E1	140,8217822	205,094931	182,725703	51,2642455	221,7776487	158,7842872	168,8639848	197,7560997	128,6083951	1555,697077	172,8552308
ENSG00000075618	FSCN1	166,5525268	72,70787404	188,5515189	79,2187014	363,680539	153,0378177	173,772509	144,4478766	213,0778862	1555,04725	172,7830277
ENSG00000131981	LGALS3	320,5000917	153,032383	197,834859	113,3210089	255,5793332	136,1085404	63,10604238	244,0317133	71,41442079	1554,928394	172,7698215
ENSG00000129667	RHBDF2	174,2878419	84,81094457	244,3767855	138,2684029	289,0989574	128,6022624	167,5112289	98,35725645	227,288901	1552,602581	172,5113979
ENSG00000113583	C5orf15	17,10560641	174,1000209	167,077995	295,9757861	215,0647429	120,1968411	88,71804875	102,3901985	215,4882753	1549,626977	172,1807752
ENSG00000155096	AZIN1	77,12218806	123,9665089	231,0173508	241,7531083	338,349153	123,6986293	82,99108286	171,9307158	155,7964776	1546,625215	171,8472461
ENSG00000150337	FCGR1A	197,48206	215,2827866	147,4277376	156,6654284	125,0562756	230,769548	186,6669882	147,6925865	139,2919068	1546,325309	171,8139233
ENSG00000128590	DNAJB9	162,5421032	269,6211128	201,9682043	75,87470893	116,875922	181,1419259	248,1227724	195,9432719	83,18425985	1535,27428	170,5860312
ENSG00000153071	DAB2	125,9483207	106,3603294	110,47788083	81,45553373	204,6648894	197,106151	247,4937662	310,5237118	149,5779124	1533,609423	170,401407
ENSG00000143368	GLUD1	190,9873004	166,489226	96,48409785	214,9607172	213,8554465	162,1358916	176,953	150,531303	158,6411793	1531,937892	170,2153213
ENSG00000066322	ELOVL1	178,2453499	213,5720001	204,1035044	116,9313553	40,866937	190,2079357	121,2381324	117,48494161	154,4024179	1528,05254	169,7836155
ENSG00000143368	SF3B4	245,9980769	112,1797144	263,7874531	173,9566497	138,884073	175,6471129	107,503923	118,4832868	190,8635059	1527,321996	169,702444
ENSG00000162745	OLFML2B	108,7642116	116,6005476	190,5567823	32,93205682	254,1689897	198,6068631	239,9183801	291,4403858	94,25667078	1527,244784	169,6938649
ENSG00000116560	SFMP2	123,0230283	113,6684985	171,2318442	265,8655677	198,7989041	159,4029641	168,2746736	164,7923195	171,467778	1524,706478	169,4118309
ENSG00000132432	SEC16G	64,89058708	229,7112248	83,15257033	287,4251159	269,6305978	148,5268952	113,2093875	216,1637643	111,185053	1523,895196	169,3216884
ENSG00000164258	NUF5F4	154,1997135	168,1026508	96,60637171	368,7317912	79,83788633	157,0073686	104,7367337	235,3006956	159,25179	1523,775241	169,3083602
ENSG00000078369	GNB1	189,117811	118,9235051	100,6307885	232,316227	63,96623826	213,3542277	220,7511373	182,5963809	210,4059505	1523,067666	169,2297407
ENSG00000165140	FBP1	284,0600664	158,2022381	144,0253417	96,33137073	167,8910649	178,5995397	185,5719919	132,0598185	173,7702388	168,9457412	169,9457412
ENSG00000132341	RAN	120,1366196	190,4629806	96,73016515	277,5963465	144,5088375	154,925711	114,4207699	183,873703	147,772539	1520,432387	168,9369319
ENSG00000196262	PIPA	168,124148	152,8669211	168,1553803	169,3251324	161,651511	197,6926344	174,2203121	107,0060460	159,6384272	1518,701152	168,7445725
ENSG00000023330	ALAS1	134,7893554	231,6636917	291,4652722	21,16595434	40,92467261	220,0801183	143,034195	127,9521866	166,7928567	1518,646796	168,7385329
ENSG00000174574	AKR1N1	78,42233857	97,95961462	318,89530166	64,16592939	284,5685882	173,0704081	127,5241618	169,888065	203,2696332	168,7135884	168,7135884
ENSG00000204272	NBDY	161,910506	264,3719895	51,94824345	163,7149138	107,8535599	151,1370514	199,1942588	126,5988325	141,7528834	1517,712239	168,6346932
ENSG00000100345	MYH9	147,8744033	99,34821774	273,6532664	221,3631292	240,2572057	149,9123198	193,802377	74,94543453	216,5734772	1517,671346	168,6301495
ENSG00000198356	ASNA1	14,2042818	122,0597967	162,547685	94,13876808	284,9897688	157,9636924	121,7487544	232,233519	138,2599128	1515,974548	168,4416164
ENSG00000106537	TSPAN13	195,2975938	60,88054393	135,7996591	59,24421829	340,3015035	75,9051611	193,9030031	297,9517283	154,5011508	1518,784517	168,4205019
ENSG00000095303	PTGS1	163,8337463	160,8666563	6,247823801	305,551968	153,6059474	200,389227	257,339998	61,29849705	206,0570103	1515,191874	168,3546527
ENSG00000111237	VPS29	168,664504	200,5845793	54,79956483	61,4692902	91,70862184	256,7971243	156,8086086	255,1066001	169,2535127	1515,173928	168,3526587
ENSG00000121933	TMGD3	265,5635782	273,111683	173,3268492	85,43739343	445,2594562	205,3262948	234,9726522	85,6026948	148,5488787	1514,208165	168,2453517
ENSG00000114920	UDUFA8	132,503672	217,1149777	228,538635	176,5530176	0	228,2302212	223,318464	112,1997972	195,3237703	1513,782285	168,1980317
ENSG00000126524	SBDS	82,91266385	275,021445	101,142313	216,4545886	108,0493597	166,7812445	129,2746803	214,8306372	121,328082	1513,30094	168,1445489
ENSG00000098230	ALDH6B7.1	294,7547636	82,65734221	152,9300545	236,0152997	122,6221944	139,3599903	109,9716	145,357094	128,3519676	1511,860306	167,9844785
ENSG00000130775	THEMIS2	251,6329455	85,35747287	162,9621485	121,3371221	148,9005001	152,3390125	182,9243944	208,8724024	190,471571	1508,874119	167,6526799
ENSG00000143947	RPS27A	133,0545472	179,6465372	193,5203309	292,6973469	111,1772839	148,6304336	120,2991905	223,2808695	105,1548936	1507,461266	167,4956962
ENSG00000132305	IMMT	200,1665362	153,5123041	83,8961513	504,5323418	245,0576305	155,9626018	146,0567839	52,55783136	164,5693316	167,3646735	167,3646735
ENSG00000110092	CNCD1	89,07076494	118,1379247	111,4798037	236,0840264	142,5317451	242,6828622	244,2644993	56,91957768	63,5326772	1504,703879	167,1893199
ENSG00000008998	RPS20	85,87362172	175,5159994	143,24895713	344,3785473	135,7756198	162,5947346	135,7938403	173,4726444	147,7114597	1504,26587	167,1605222
ENSG00000077420	APBB1P	120,7547652	164,4576358	220,1852113	171,7838891	39,43431321	193,9724749	171,2443121	223,3851715	197,7430021	1502,96105	166,9956722
ENSG00000177663	IL17RA	85,62263411	133,17904828	160,9860041	150,2484414	251,5333033	136,1289305	232,1117828	154,2832493	238,3908067	1502,498489	166,9432766
ENSG00000152804	HHEX	21,2671975	196,0562443	27,00441088	32,7928996	122,6011911	177,8177196	117,5102792	203,2133284	214,1435344	1502,406805	166,9340895
ENSG00000151465	CDC123	215,0925486	191,7133621	216,2873877	220,3980791	46,72591173	151,2544204	159,1038065	139,3346806	162,474179	1502,364376	166,9315973
ENSG00000111718	SDHB	167,6824042	251,1516865	180,2015589	199,8786369	22,46307942	170,4256086	146,3650664	227,8951648	135,0444689	1501,116653	166,7907392
ENSG00000140941	MAP1LCB3	113,3704281	153,2620247	134,5474452	117,2316553	222,7997459	166,4375906	146,6685159	251,2536021	192,7323326	1498,24334	166,4714823
ENSG00000109332	UBE2D3	196,6814506	205,1911004	130,6041504	176,5285894	82,23519986	155,3883707	135,0642403	289,8375687	125,6739924	1497,204663	166,3560736
ENSG00000115037	AUP1	135,9687375	184,6957728	115,4947865	121,3799352	137,695346	239,168037	236,0682132	129,7510888	194,2493588	1494,425465	166,0472739
ENSG00000042980	ADAM28	140,0572469	272,3859329	167,6620424	185,2858765	37,13684777	186,5274188	173,4659878	167,6378557	152,7042193	1487,863428	165,3181587
ENSG00000077147	TM9SF3	138,7902399	148,0255477	160,9866066	191,4010616	205,242533	142,1552993	148,4414149	157,8978096	197,6176191	1485,558985	165,0621094
ENSG00000126756	UXT	66,82817168	231,2300475	200,3479986	277,8627182	155,4092529	134,1460517	129,3416476	176,7197529	113,5072788	1485,393169	165,0436854
ENSG00000181789	COPG1	172,2489759	64,65706533	159,8778196	208,9248847	282,1000175	162,7985817	164,7134822	93,19374921	75,8927085	1464,9341427	164,9341427
ENSG00000198833	UBE2J1	119,8287955	177,8597993	143,52959	176,8632297	96,85134488	179,7797169	160,5743034	261,0782246	25,2812651	1481,246269	164,5829188
ENSG00000112303	VNN2	109,7662527	95,16716072	320,0781892	73,10201408							

ENSG00000101310	SEC23B	180,0920963	35,46690081	270,8800372	244,3922328	85,17268963	118,0859544	140,6068897	133,0027393	197,332134	1405,031674	156,1146305
ENSG000000186468	RPS23	139,2033107	136,9432426	139,0927262	378,1982912	51,02458063	134,2891075	141,7836379	182,9961444	100,2225767	1403,753618	155,9726242
ENSG000000110651	CD8I	195,2543132	192,094695	124,1398919	116,9160902	120,2562936	179,80034	210,8254537	179,80034	183,4587187	155,909631	
ENSG000000130830	MPP1	169,5093188	207,8150193	192,5151279	123,0688492	65,48770602	151,0905437	168,2548781	206,9196449	17,0166777	1401,727865	155,7475406
ENSG000000197329	PELI1	205,8516769	125,5830047	140,7907208	161,6891128	138,6716578	126,6938748	98,32752002	231,8938263	170,9460922	1400,647468	155,6274965
ENSG000000167526	RPL3	146,9729027	126,0771361	123,7218619	186,3579663	156,2847892	171,6093846	161,4322596	166,9304896	159,8050933	1399,247319	154,4719244
ENSG000000163950	SLBP	199,3151635	173,7799268	140,3179799	140,3179799	140,3179799	127,7793242	162,698525	148,2044637	134,0580806	1398,52533	155,3917034
ENSG00000018280	SLC11A1	150,7099779	173,5072831	74,26900293	158,8587524	90,77279511	236,09175	185,03837	124,046264	205,0181034	1398,312294	155,3680326
ENSG000000031698	SARS	222,2491402	158,2797153	92,29892608	166,5627553	90,40917083	149,5307328	117,3859874	184,06124	197,1933481	1397,771016	155,3078907
ENSG000000169896	ITGAM	235,1405874	135,6266762	79,56251778	106,933795	77,34159448	105,2108738	153,3967456	296,7985593	207,5090125	1397,520362	155,2800402
ENSG000000118971	CCND2	269,8071863	107,9673576	84,13065757	111,1794069	266,2077737	106,1411179	148,1844869	77,4700848	225,8151886	1396,90326	155,2114734
ENSG000000156171	DRAM2	152,4589123	186,2809306	7,618320112	77,33254505	230,5996966	209,265157	169,4929055	214,4981562	148,3574054	1395,904029	155,1004476
ENSG000000102390	PBDC1	175,8972338	108,2836219	179,8422456	282,2269209	81,5023715	97,94387917	106,874396	167,2807802	91,76268752	1391,614337	154,6238152
ENSG000000170891	CYTL1	54,69927634	114,4144834	202,6528325	123,7396391	239,6537694	185,7057719	264,3884448	68,15839411	137,740648	1391,153259	154,5725844
ENSG000000174600	CMKLR1	88,70345182	48,83913591	168,4266996	79,99365529	140,7695132	195,9829668	179,6577486	328,9182776	159,8358812	1391,12733	154,5697033
ENSG000000185475	TMEM179B	163,6696274	184,8824828	113,2990696	114,3325454	43,45704302	162,1599387	184,5348234	289,1302466	135,4307104	1390,896487	154,5440541
ENSG000000136404	TM6SF1	162,467998	139,9658918	41,05455802	166,3800484	95,68370445	199,0802223	231,6565612	122,5625397	227,3319917	1386,110626	154,0122917
ENSG000000083845	RPS5	120,0278323	134,9976727	109,7471886	234,1705633	120,6849391	142,5170478	139,3112672	189,7463635	102,5058922	1378,708767	153,7454185
ENSG000000168274	RBPJ	198,3560998	119,5090898	179,5019012	175,7708523	213,7317957	99,83681953	78,41726251	228,1580516	89,9046836	1383,182341	153,6869268
ENSG000000022272	RTF2	117,6006952	128,8903092	195,9475765	156,5738292	104,827321	184,7761161	156,4132984	168,5923846	167,18411	1380,80564	153,4228489
ENSG000000116459	ATP5PB	116,6797045	201,6611929	84,15586171	227,7626171	118,1036659	165,4876052	136,6659002	197,4393926	137,6969391	1380,65867	153,4065189
ENSG000000136158	SPRY2	106,1489443	266,639804	153,0491115	126,2038439	102,2697016	162,7607162	180,3367548	78,77774003	204,1246116	1380,311214	153,3679127
ENSG000000188641	DYPD	156,4706009	83,81552632	247,3792888	184,860958	56,55434021	135,4552486	177,3757421	171,4033747	167,3687233	1378,883803	153,2093114
ENSG000000124702	LKHDCC3	182,2457848	137,0592096	37,17415885	113,4746574	375,8372298	166,9788469	194,7617734	83,63153244	87,63045528	1378,791456	153,1990507
ENSG000000178988	MRFAPI1L	168,3504372	80,99993906	57,26518436	194,5261196	438,0453877	112,2674341	130,8600507	55,40311686	138,8054626	1376,883132	152,9870147
ENSG000000066294	CD84	159,2253144	88,07689684	230,523745	204,2933361	139,2632295	148,9161708	158,9155302	106,6816302	137,9541446	152,6498997	
ENSG000000114738	MAPKAPK3	191,0207444	175,6792414	185,0360506	138,232219	0,183457237	189,218576	178,8312778	107,3595836	207,9677115	1373,528868	152,6143186
ENSG000000144381	HSPD1	240,6847241	127,7950595	176,6451272	160,1810383	115,2346613	119,5538015	132,3783517	158,8458193	140,5005117	1371,819095	152,4243438
ENSG000000150593	PDCD4	163,5397225	166,1218417	77,94691581	144,6131814	246,0985841	107,971286	122,7109229	182,7673053	124,1701638	1368,045766	152,0050851
ENSG000000173621	PSMD1	186,1861687	199,3876411	128,9951992	183,4644018	100,0433485	107,2805233	128,6149519	128,0457838	205,2301676	1367,248186	151,9164651
ENSG000000125971	DYNLRB1	67,201205	158,8141846	94,3550336	148,2874368	301,0164115	146,66217861	149,2892934	182,4106271	118,3071744	1366,303154	151,8114866
ENSG000000135334	AKIRIN2	99,92904852	258,4241021	298,6264956	155,7437388	0,803394949	147,94621	142,4804039	77,32316725	181,4394235	1367,2315985	151,4128872
ENSG000000126860	EV02A	129,2940276	154,2043081	139,1913871	291,6776756	110,8044956	164,9492407	159,3370223	88,07337117	122,8507431	1360,382327	151,1535819
ENSG000000170013	TRAPPCC1	137,0044703	167,3883878	136,2609987	117,654711	211,2997324	163,6436517	136,5065781	147,8631199	142,687037	1360,339124	151,1487916
ENSG000000106049	HIBADH	79,393665	44,62969518	218,1345417	46,97065576	254,1921998	100,3267486	149,361336	247,3402122	89,68712766	1359,436182	151,0484667
ENSG000000105851	PIK3C1	35,49590224	48,55217671	140,7236064	118,410698	468,4946174	100,700135	135,6824698	168,8982355	143,3878319	1358,778745	150,9754161
ENSG000000138629	UBL1	184,7797694	92,60509095	249,3710066	121,282089	117,5466969	146,7230405	175,5253398	107,1063771	163,6632504	1358,582579	150,9536199
ENSG000000191457	HNRNPAB	61,85687666	70,39044006	174,8203455	81,80397693	266,7100539	214,712413	228,8441419	140,4112893	118,8961462	1358,445683	150,9384093
ENSG000000128595	CALU	109,1751237	36,91074836	106,1133886	101,9135812	312,6848106	125,0738674	141,436046	319,6493333	105,4086024	150,929628	
ENSG000000024155	ARPC4	170,3139942	74,02146112	149,1600531	194,9780187	176,2741595	202,8817806	190,2572579	133,8956308	105,9551819	1358,137511	150,9041679
ENSG000000139684	ESD	176,3410443	209,0380277	166,2037168	174,348444	56,18625813	173,5334951	117,7085037	139,5168174	145,049583	1357,92589	150,8806455
ENSG000000115758	ODC1	149,4753041	108,46733	140,1354351	260,187042	135,1033391	176,49176	127,9428753	130,2321835	168,800048	1356,835317	150,7594797
ENSG000000136739	PP1CB	155,7540726	141,9383608	101,3469111	213,1874983	46,2613223	191,8053004	122,7692346	240,5403024	172,7727189	1356,375721	150,7084135
ENSG000000103066	PLA2G15	196,1049289	126,5558095	124,0314791	46,21942375	349,772655	144,5207602	158,8071803	72,8289641	136,5513573	1355,397169	150,9968564
ENSG000000188243	COMMD6	90,70659234	178,7304806	126,2760822	246,883937	82,43466193	173,0693002	141,1487097	178,0491405	131,4461595	1354,745047	150,5272274
ENSG000000188404	SELL	120,0142174	19,63690956	754,5464935	103,0936791	161,3464755	47,9324222	20,12303384	107,4426569	19,39445582	1353,530344	150,3922604
ENSG000000183617	MRPL54	176,7303324	94,73443252	88,05054912	194,9723212	212,9184211	179,7224217	104,5798402	179,8100794	120,7534703	1352,271879	150,252431
ENSG000000134405	SIPA1	102,1263186	131,1313521	103,4358451	134,5060338	170,295206	170,6539358	222,3511215	86,3022355	229,5915657	1500,393614	150,0437349
ENSG000000273703	HIST1H2BM	0	2,111354331	63,47577063	1027,987918	256,377878	0,435460831	0	0	0	1350,388382	150,0431536
ENSG000000179918	SEPHS2	219,2909967	103,0102548	176,5298943	190,1521434	126,1345817	141,7166392	129,3559283	128,1065415	135,9426149	1350,239595	150,0266216
ENSG000000173113	TRMT112	158,3638781	220,7839976	108,9681988	94,09716623	156,9067416	136,3019199	142,0710221	201,3109057	140,077871	150,023513	
ENSG000000144021	C1AO1	168,0544778	71,57548799	136,3350672	103,01988474	430,923233	135,8647516	97,39436091	72,21851997	143,3844416	1348,770595	149,8633994
ENSG000000142166	IFNA1	91,00902668	126,5673898	212,6776073	40,35976838	393,8860092	111,354722	104,6406683	119,9920844	147,9964401	1348,483693	149,8315215
ENSG000000111481	COPZ1	129,9830024	131,1130457	140,4210214	38,42398035	307,3412317	140,7984063	179,1927497	153,0103628	143,842729	1347,719718	149,7466354
ENSG000000066415	TM7SF1	88,40407659	82,82002183	223,8891313	118,5680181	325,5155194	126,3319816	143,8440761	125,3538112	110,5498669	1345,275603	149,475067
ENSG000000184752	NDUFA12	216,5103492	218,6411624	86,04515055	216,4028844	85,72354051	115,3878913	110,1451771	170,8381729	132,6558288	1343,350121	149,2611246
ENSG000000122042	UBFL3	54,65387622	128,0769499	260,98679	176,2977634	187,258828	176,4692106	152,5449064	88,56309691	114,7127485	1339,474717	148,8304633
ENSG000000182952	HMGNA	116,0638419	121,148494	84,98487966	288,8361541	0,180279891	179,2367274	106,2592621	237,3527093	165,0414446	1339,103763	148,789307
ENSG000000204317	MRPL33	141,7401371	141,0720967	49,89851646	317,3119175	81,89041402	128,7648014	90,08966397	273,0614638	114,3950582	1338,143096	148,6825662
ENSG000000182154	MRPL41	256,2648338	92,6057423	212,067292	106,7053676	0,617040451	883,869969	192,9483628	159,5397139	133,4773992	1338,095721	148,6773023
ENSG000000135932	CAB39	100,3646938	142,7957397	117,8162903	190,1244353							

ENSG000000069329	VPS35	154,8522379	150,3942442	147,6867453	132,4647806	56,82122832	160,6773961	151,2012251	126,8708496	185,9992781	1266,967985	140,7742206
ENSG000000160593	JAML	223,5070872	151,0738321	161,990499	53,45110287	239,9693092	38,27516623	70,04830227	259,6299088	68,47774502	1266,422953	140,7136614
ENSG000000090339	ICAM1	105,049895	126,4497947	97,55102081	103,5264052	85,92574607	177,3626409	237,2218951	180,4548407	137,233494	1264,515588	140,501732
ENSG000000153551	CTM7M	153,4471244	216,9584032	140,0646193	53,28610785	92,6754948	126,122128	149,9556114	153,5450416	174,5665588	1262,621087	140,2912139
ENSG000000170677	SC056	62,3437587	111,7296603	176,2905132	176,2905991	107,9382235	125,294475	164,9658741	73,34187352	172,0647884	1262,320193	140,2577992
ENSG000000150753	CCT5	108,2271168	143,1073569	109,1113798	126,1170283	255,4588695	125,9778607	105,5303857	153,4955891	133,0065125	1262,032099	140,2257880
ENSG000000149923	PP4C	154,2068721	133,7276056	172,5042985	120,490281	131,7946926	135,9216177	145,4409117	134,930471	132,329796	1261,346546	140,1496163
ENSG000000179115	FARSA	104,920651	114,9022622	82,57173852	28,60749521	284,461225	175,8624848	145,6260016	166,1675886	158,6643686	1261,263815	140,1404239
ENSG000000053337	AKR7A2	102,3241708	110,809945	283,130769	71,93659322	157,0761176	138,339857	131,8107755	159,5552812	132,339884	1260,354867	140,0394297
ENSG000000104805	NUCB1	160,4855938	143,9575962	148,4829753	72,84878475	188,9886604	120,9454245	179,7895968	108,2566583	135,8828858	1259,638176	139,9597973
ENSG000000101337	TM9SF4	246,3813903	67,04787962	113,1941123	154,0070506	326,0234369	74,91253186	103,7823854	83,05105197	90,81253886	1259,213288	139,9125875
ENSG000000184216	IRAK1	53,97081653	123,699219	76,00630227	200,7807029	0,091681783	227,2852067	213,0465096	133,5404443	230,2561074	1258,677693	139,853077
ENSG000000123975	CKS2	59,61017641	126,2356819	58,21336488	291,010272	50,13654	190,9587644	166,0037672	196,3296294	120,0761621	1258,574358	139,8415954
ENSG000000137841	PLCB2	157,1352539	77,93595213	84,88057452	135,4206005	207,9255875	144,2150992	177,8677261	62,94848204	210,2248115	1258,554087	139,839343
ENSG000000100911	PSME2	126,7270112	197,2513038	149,6218958	130,9774105	49,42628375	125,3824487	109,9529235	219,9207172	146,9339339	1256,193928	139,5771032
ENSG000000136783	NIPSNAP3A	93,48068919	142,4633888	102,2554305	255,7929021	116,4217999	165,7182538	119,8464686	120,4017763	136,4406462	1252,821355	139,2023728
ENSG000000147471	PLPBP	139,9547567	203,7472332	66,51405928	121,7479324	0,314371937	157,1962774	70,906189	161,5050775	139,9678652	1251,853763	139,0948625
ENSG000000134970	TMED7	83,88406771	83,71585009	221,1501355	126,0336711	186,2451767	87,84463827	118,6940058	235,6638149	98,30845629	1251,539816	139,0597996
ENSG000000168610	STAT3	145,6259676	89,34009445	247,6962934	82,2013149	51,91962653	147,7982328	161,1094878	151,7554125	168,932211	1250,405357	138,9339286
ENSG000000169299	PGM2	71,21964073	119,814334	171,2333218	175,8490256	0	138,3415361	195,6955001	159,3311091	215,2625342	1246,747002	138,5274446
ENSG000000129083	COPB1	143,865745	127,4079509	14,41097375	303,2460054	148,938244	142,5000802	77,27270495	122,5525204	166,1788821	1246,373107	138,4859007
ENSG000000147443	DDK2	492,7196706	61,61616759	124,4849635	43,59570129	0	119,413345	62,2126291	266,8085092	73,93795987	1244,788946	138,3098829
ENSG000000058799	YIPF1	73,55136323	111,1551317	194,4222303	64,77861775	321,5477798	113,7579396	93,3632382	168,7877948	121,2201285	1244,584224	138,287136
ENSG000000108794	CUEDC2	175,6675641	178,1587671	85,58039002	155,3882433	0,26901904	150,2516009	176,8802733	107,669605	232,3429556	1244,216597	138,2462885
ENSG000000100567	PSMA3	171,780668	220,416694	152,9024748	210,5452145	41,95676468	117,1573239	87,06599157	138,6825478	101,0806065	1241,595746	137,9550829
ENSG000000089693	MLF2	102,9917854	169,0691691	150,0548485	89,99185583	54,42326151	197,1970727	158,8870536	113,1744948	205,6059251	1241,395466	137,9328296
ENSG000000191757	SNF1	145,2860806	114,2683454	59,61614519	80,46098508	17,762765	144,4747051	161,0647524	148,4051642	168,5684691	1239,907412	137,7674902
ENSG000000100600	LGMM	204,0538511	59,5640511	91,22566716	49,54480247	171,9613412	80,34420858	181,0838589	252,1737489	149,5498718	1237,7227359	137,7272359
ENSG000000107099	DOCK8	70,69878629	118,7030241	263,4599545	159,9797933	83,57871996	108,905898	134,1724241	47,15356894	250,5233771	1237,175546	137,4639496
ENSG000000132691	NXT1	167,4737681	157,8048494	215,9442941	89,92674266	128,4790223	145,757597	140,5929332	28,3140731	162,7469555	1237,059713	137,4510792
ENSG000000102172	SMS	103,4503265	111,703775	92,20267844	116,6866175	180,9768069	141,9984896	112,4650162	202,7295989	174,6553694	1236,868678	137,4298532
ENSG000000159352	PSMD4	100,6405386	153,6036433	93,94570243	141,2859013	87,67355923	150,5089011	170,4854561	160,577882	174,951929	1233,516777	137,0574197
ENSG000000140740	UQCRC2	132,2833	181,9479932	195,6570679	108,1352147	88,17894801	127,71648	101,1554948	158,155092	139,8925231	1233,122114	137,035682
ENSG000000087191	PSMC5	76,77363417	114,0496472	122,3268349	90,4338789	238,9361166	125,7027552	122,1569065	225,1032401	172,235951	1232,706809	136,967401
ENSG000000144224	UBXN4	113,4992161	155,155395	115,6859596	232,6383047	11,31709865	127,3043341	133,5036466	105,8474875	136,0197236	1231,02509	136,7805655
ENSG000000113532	TS8SIA4	49,69317154	137,3661398	245,1007324	145,882131	178,1370126	108,7807468	147,6990749	89,54556828	113,2398164	1228,487165	136,4985739
ENSG000000196743	GM2A	63,62905476	67,88859748	241,9215061	65,30656542	264,9083188	112,0146425	182,7009389	83,88124654	146,1793476	1228,430218	136,4922465
ENSG000000168159	RNF187	179,8956616	92,73310163	76,84269718	129,4566696	270,4517817	100,0559355	146,7402583	93,29457961	138,5341471	1228,013832	136,4459814
ENSG000000164105	SAPF3	85,77169901	234,3425883	108,3303947	126,5803755	173,6035457	120,087455	116,7477956	108,1087781	137,0686865	1227,992956	136,4436628
ENSG000000177674	AGTRAP	236,9984679	117,7181922	140,1887316	164,2765158	105,1543358	78,15171724	145,9268913	129,5954875	109,671612	1227,666501	136,4096112
ENSG000000148484	RSU1	138,768287	96,63770095	191,7437929	84,99657532	107,0716621	167,2777506	129,1803127	111,5597074	135,488691	1225,723803	136,1915337
ENSG000000146476	ARMT1	116,1605557	59,06923805	168,8194145	94,69190458	246,1209975	116,7082915	74,59676354	259,283882	90,05546273	1225,50651	136,16739
ENSG000000172086	KRCCT1	76,68422429	74,34374214	186,6020255	273,4647687	0	134,6933127	100,4040399	185,4237141	93,8686747	1225,084502	136,1205002
ENSG000000177731	FLJ1	97,26269133	63,97490649	174,5528174	76,48522004	243,7194354	107,5735984	165,8284968	89,73278607	203,0228892	1224,616419	136,068491
ENSG0000000073921	PICALM	37,26536306	191,1494769	107,381084	205,4394888	123,7828678	73,36635	167,0563676	82,06156478	136,7205877	1224,473155	136,0525728
ENSG000000177868	SVPB	87,4497981	183,5177325	142,7909599	174,3423629	37,15923411	193,0105305	145,9647469	48,35627817	244,9108272	1224,059167	136,0065734
ENSG000000175857	GAPT	156,1891416	116,0883636	21,76693665	230,2414319	127,4960538	151,3116625	144,5611433	36,04190058	187,1525015	1220,849136	135,6490939
ENSG000000167815	PRDX2	106,1742332	192,3398123	160,993027	67,86361925	0,176557297	136,8721473	158,5342936	165,5442964	177,6232428	1220,119473	135,5688304
ENSG000000159322	ADPGK	82,06493814	61,44073143	142,3880527	69,55626283	271,6844398	129,9290525	137,5498396	200,567294	133,8934732	1216,074054	135,1193394
ENSG000000163527	STT3B	197,5411929	196,6125001	1,442035629	160,0907915	2,077894798	126,6177087	114,1800048	268,65939	146,1335084	1213,355207	134,8172252
ENSG000000119414	PP6C6	38,50037497	102,8390655	159,3552357	138,5427875	278,3737111	80,58407034	86,07552823	148,967013	79,68436303	1232,822149	134,7580166
ENSG000000130985	UBA1	105,9675495	77,02261273	208,4958704	185,6582444	122,6255023	134,6341773	140,1868305	89,52584834	166,1849592	1212,013605	134,6681783
ENSG000000176101	SSNA1	114,4307398	101,0689077	173,938956	124,244001	139,3989094	173,7317161	136,8377296	104,7788244	160,7167042	1210,029787	134,4477541
ENSG000000162711	NLRP3	120,0752485	119,8944785	170,3409688	140,2587198	23,62913407	100,8647021	225,3032533	110,1680101	136,7484809	1208,609324	134,2899249
ENSG000000121807	CCR2	148,2365148	168,5853936	67,31690583	168,7374842	0	184,8882934	207,6831453	0,531102975	262,5642928	1204,543683	134,2826314
ENSG000000071073	MGAT4A	62,79023713	112,922399	54,17669426	199,2486035	242,1328223	136,6919955	138,0095526	119,5064828	142,0078812	1207,486128	134,1651254
ENSG000000143183	TMCO1	156,7934539	136,2799062	171,2448485	31,6357134	177,3721672	91,74995708	88,12583132	139,5322275	171,0710565	1206,531816	134,0590907
ENSG000000130770	ATPSIF1	103,5701664	99,06189846	57,47004294	304,5609569	50,3571565	73,5926251	93,77849983	221,7253076	140,9902508	1206,025905	134,0028783
ENSG000000182287	AP1S2	160,704446	136,8417841	251,0153566	161,5843838	16,58185636	167,62675093	75,36162559	246,9492374	78,96141572	1205,626856	133,9585396
ENSG000000103978	TMEM87A	93,04441101	107,5311867	198,4801448	96,86030747	339,7931157	82,04787331	65,94947513	146,153751	73,02050196	1202,87682	133,65298

ENSG00000146386	ABRACL	220,0871636	129,9439244	69,67838893	332,9961725	5,685238138	75,14859015	79,56386049	141,8224001	82,70742328	1137,633162	126,4036846
ENSG00000188229	TUBB4B	173,3654412	189,028921	116,9508811	94,536088	81,62563677	158,0915215	115,183859	69,10413636	139,2552297	1137,111715	126,3457461
ENSG00000182481	KPNA2	105,0073118	138,4600945	100,1967442	228,6153203	33,57258158	157,4556466	146,0080002	115,8695632	131,2823189	1136,768191	126,3075768
ENSG00000006874	TTCTA	129,5173331	43,99321394	156,4509164	10,9518771	161,052714	99,84674122	134,6621697	90,15617239	208,4172977	1135,048436	126,1164928
ENSG00000111275	ALDH2	178,6502118	180,0299266	123,6801304	84,26780069	229,2548009	97,46798459	63,96754456	81,18977495	96,1756098	1134,613745	126,0681939
ENSG00000166388	NAXE	60,6631158	59,92619971	111,1632781	281,0910869	167,0184535	130,330864	128,521085	128,0369845	157,4840163	1133,407306	125,9341451
ENSG00000145494	NDUF56	93,91984318	126,2170821	96,74703652	297,0810324	76,2289494	113,0844661	137,4034166	103,161171	89,91334158	1133,356337	125,9284819
ENSG00000107551	RASSF4	66,542220362	138,6102671	65,79341231	93,60192476	198,2513676	182,5523823	127,5877514	71,27293435	189,1004366	1133,312689	125,923633
ENSG00000187713	TMEM203	199,7128219	96,16834974	129,3219478	90,08667598	105,4205932	130,6553257	136,1997669	106,7006325	127,4848388	1133,958882	125,7732092
ENSG00000104951	IL4I1	248,681364	159,1656522	28,85645116	102,2823267	236,341084	79,66367571	58,83779096	145,0203813	70,68871729	1129,537443	125,5041604
ENSG00000130340	SNX9	198,9171713	49,44175331	194,4721676	137,4733972	1,161691424	153,459233	150,7159261	114,2304533	127,9323052	1127,804098	125,3115665
ENSG00000139572	GPR84	191,4215158	112,2180177	55,65044566	96,42971406	0,175779512	131,4778383	269,4879182	69,54814686	200,6742184	1127,083594	125,2315105
ENSG00000266094	RASSF5	85,82283271	92,90413048	137,3961269	160,0171762	188,2587231	108,2842396	118,7435682	65,22482791	169,6755304	1126,327156	125,1474817
ENSG00000179262	RAD23A	106,6139362	106,7514676	99,20844522	75,29925651	181,7442136	122,0064822	133,5493012	122,9886023	177,5283034	1125,690008	125,0766676
ENSG00000143878	RHOB	45,23124164	87,94876731	180,1245414	112,3164456	217,8626237	103,379356	117,6945568	89,57395738	170,3331954	1124,464685	124,9405206
ENSG00000169764	UGP2	132,8406263	141,9696607	194,5988972	85,69391952	148,5413123	88,71022375	92,48636071	135,3556766	104,0580435	1124,254721	124,9171912
ENSG00000175550	DRAP1	112,6747809	128,9323903	99,11717815	109,2532617	29,82218848	158,9735491	147,4750011	163,1064938	170,849737	1120,199817	124,4666464
ENSG00000173846	PLK3	149,1575335	80,27334899	219,0753891	67,87880021	88,51108648	117,2394848	122,3778862	97,23337589	107,0206797	1117,867533	124,2075037
ENSG00000126254	RBMA2	87,47425147	90,79876431	132,6895034	52,99132575	279,0242374	131,4649538	121,5458293	99,01053904	121,9881071	1116,987513	124,1097237
ENSG000002021414	SNM130	156,1940516	143,0187662	104,8270042	166,0752714	148,6742712	128,2813737	107,8377677	83,5499232	77,94864987	1116,407081	124,0452312
ENSG00000131174	C0XB7	98,97346526	140,5818811	109,6492363	122,4937558	53,03123272	139,4372339	130,029875	225,7478314	96,51494318	1116,279455	124,0310505
ENSG000000065548	ZC3H15	85,90597394	81,70090023	147,8089819	115,2908331	116,1850872	155,4383625	102,0016579	184,3270159	136,4061884	1114,165001	123,7961112
ENSG00000086589	RBM22	28,3095354	96,73146031	257,5985802	108,9714502	204,4376977	128,2141396	100,530174	93,40971605	95,74696771	1113,949649	123,7271832
ENSG00000134108	ARL8B	154,472366	120,2146055	82,66600522	129,8448894	266,8857207	116,1046981	67,80556663	86,26100932	88,02980863	1112,282669	123,5869633
ENSG00000184602	SNR1	186,29563	51,75534928	185,4052315	134,0649364	0,330071271	150,003006	169,1773686	130,6957802	86,44627359	1112,270941	123,5856602
ENSG00000181481	RNF135	106,3021824	92,64389674	176,1200716	118,7335459	0,159892049	129,5668529	145,3020185	173,3098584	169,7111385	1113,848557	123,5387286
ENSG00000177115	GIMAP8	197,4005949	44,85051375	72,66672122	88,9117653	276,1386502	70,76472626	107,8715065	154,9134101	98,18558202	1111,702882	123,5252454
ENSG00000171490	SLD1D1	127,8627906	138,7271497	147,7716058	104,5094965	25,52636864	103,3912065	109,9952505	183,7713831	151,4829573	1112,482957	123,4981063
ENSG00000102580	DNAJC3	80,6914228	108,9835637	19,4934166	72,81906268	402,224496	130,3016657	75,14752621	156,646083	111,6076521	1111,04348	123,4492755
ENSG00000134243	SORT1	177,9482058	61,78400638	134,1017175	210,4461869	96,20273815	151,0409753	152,4285133	37,65223515	129,2801127	1107,884689	123,4316321
ENSG000000060762	MPC1	81,8829304	183,1552083	76,95697436	101,2138023	9,059239425	139,4035182	115,8936831	270,5887209	177,7303598	1110,819799	123,4242222
ENSG00000069795	CBFB	153,8716194	85,53798971	82,76062706	174,7793166	107,196376	144,2979779	133,9393097	146,4651931	187,7241364	1109,453393	123,2725992
ENSG00000124299	PEPD	144,7442008	115,792788	84,2253607	84,58599373	98,59378405	156,5303455	181,7553205	113,4629065	129,5367705	1109,159961	123,2399957
ENSG00000168310	IRF32	127,2872755	33,10287232	63,6033978	78,1564791	93,5953939	83,54975622	91,58925538	218,1792913	112,892991	1108,790466	123,1989407
ENSG00000139278	GLUPR1	96,28736363	109,2862161	155,283891	129,3073383	194,767775	78,9477865	86,9879972	128,2894915	119,9173937	1108,786056	123,1984506
ENSG000000046061	CTSA	170,9283504	92,49433746	108,5622415	41,79593685	178,8841993	114,8560898	163,0942908	143,3801633	94,19270459	1108,199034	123,1321149
ENSG00000132386	SERPINF1	65,70024811	106,9877612	111,1920396	102,454067	331,597292	174,9552001	121,4838164	54,48320401	57,12138929	1107,974838	123,1083153
ENSG00000133561	GIMAP6	110,1182251	83,05343831	125,314821	89,6014588	20,18143306	114,9035683	103,1851593	81,57418661	97,03154741	1106,685423	122,965047
ENSG00000101171	AIP	213,4014071	164,7736641	120,9338164	66,21914763	0,216994532	167,3140499	193,2470551	113,8052589	168,6442532	1102,950646	122,9506406
ENSG00000140678	ITGAX	83,17122229	53,02949648	124,8827756	140,9801347	128,9536019	126,2974916	135,2255882	28,91419244	195,1467299	1106,546693	122,9496326
ENSG00000157191	NECAP2	81,01281774	76,40343741	97,52006013	107,101003	188,7485304	129,8077126	149,061487	177,3312189	147,7127724	1104,980137	122,7675707
ENSG00000132109	TRIM21	72,86106585	198,023135	0	96,8223336	156,2671683	193,0050717	133,8350208	61,30543139	191,993384	1104,112684	122,6791871
ENSG00000196072	BLOC1S2	98,2140844	119,0104652	222,6896568	131,3190442	145,4481561	122,993825	85,77326028	76,16681374	100,999381	1102,614687	122,512743
ENSG00000105568	PPP2R1A	154,3313275	99,00238152	86,96018475	99,7702622	128,208097	117,7018377	104,4316671	112,1953064	144,3550891	1102,03009	122,4477878
ENSG00000132274	TRIM22	140,9670448	107,4101787	84,55383899	109,0448312	82,10645201	116,3662844	95,68036299	226,5900567	147,073864	1102,994927	122,1994927
ENSG00000103507	BCKDK	216,7367187	150,5832301	73,35286888	61,6263971	11,4237893	106,6231411	136,0638767	88,98612288	115,8841599	1099,170111	122,1300123
ENSG00000140157	NIP2A	82,9922535	114,8305684	132,3676991	154,9231618	151,0240392	149,9247236	112,8696025	57,03649454	153,025125	1102,0629297	122,0629297
ENSG00000105329	TGFBI	248,5064203	73,86740707	96,32293732	81,79400841	103,032797	101,9648078	134,1889314	108,478056	149,3430052	1097,49837	122,9442634
ENSG00000138801	PAPSS1	135,1651608	113,5079632	193,7333696	37,45937672	68,51874581	134,204353	135,7465831	176,4682767	102,3866117	1097,190441	122,9100449
ENSG00000074319	TSG101	241,9037173	114,0997718	103,5979796	76,41771881	30,6568991	117,3218131	96,37729549	110,6092102	101,1239087	1097,007768	121,8895752
ENSG00000005448	RHBD2	156,9060514	171,5435641	63,03983835	25,1108914	169,3412009	168,6873228	148,0969902	71,20422773	122,8608808	1096,873727	121,8748586
ENSG000000024862	CDC2C2BA	158,9318212	166,8992675	93,70530211	45,36493918	107,10716892	137,3964165	85,33980776	182,4297015	205,7071329	1095,785818	121,7539797
ENSG00000198771	RCSB1	115,8212134	142,2318435	120,5871964	82,86642855	0,175930211	109,1982167	172,7387633	133,1046286	209,4728162	1095,397217	121,7108019
ENSG00000164961	WASHC5	26,9035826	84,16382325	179,4643721	103,3221419	125,68737	100,946641	73,9703322	281,4556037	19,3975138	1095,311381	121,7012645
ENSG00000116649	SRM	146,4033248	93,29755969	104,2058449	123,8545629	109,972637	89,26234301	145,3441966	115,1461534	166,516129	1094,002751	121,5558613
ENSG00000140264	SERF2	44,93605626	123,9796344	95,08152834	156,4118182	84,80589846	137,1410007	144,5461944	136,9502189	129,8674351	1092,720334	121,4133704
ENSG00000162493	PDPN	83,5953505	128,5374519	84,88628866	69,54511867	153,3539438	187,975296	226,4355331	2,0650174009	95,3218373	1092,700994	121,4112215
ENSG00000114784	E1F1B	147,9907653	153,0212155	20,74917626	46,68926491	140,8712413	153,7900581	130,6512139	150,9680427	146,5914866	1091,315436	121,2527707
ENSG000000070961	ATP2B1	134,5716596	60,70127022	152,8260968	192,3546774	143,7907699	75,53623855	76,91055113	165,8246279	84,9357803	1087,091269	120,7879188
ENSG00000129055	ANAPC13	251,0395619	152,4283265	141,2878926	57,5279265	0	89,95321221	100,8443194	187,2789389	111,0824911	1086,787535	120,7541706
ENSG00000175756	AURKAIP1	120,5081903	98,16342843	103,9302467								

ENSG00000125691	RPL23	55,17263173	116,4294815	96,2691452	317,5850402	77,84427675	93,75844106	85,14134129	140,9593015	62,12718628	1045,286846	116,1429828
ENSG000000186517	ARHGAP30	145,7393414	64,017314	100,0157465	91,92495946	29,64279872	106,4789444	194,3253977	173,8305071	138,7976989	1044,772709	116,0858565
ENSG000000136368	SLC31A1	143,4742736	102,0450994	78,88259369	72,82849826	149,6497591	164,2659821	104,0099059	81,82189291	146,2931808	1043,271186	115,9190206
ENSG000000164337	ULBCLP1	92,58053233	113,5493732	80,35801305	203,938216	107,2779621	124,0119252	75,34332969	110,9498122	172,1891043	1043,1983	115,9109222
ENSG000000134167	PSME3	188,5362477	115,8548316	170,8239506	102,7430205	0,139408984	134,5796216	101,7011076	58,42893847	151,0724447	115,7641171	115,7641171
ENSG000000100365	NCF4	83,14793348	96,1670505	68,40869001	99,99205369	191,1871865	102,7030189	164,1369372	120,5739355	115,3759115	1041,692707	115,7436341
ENSG000000042753	AP2B1	106,1498551	111,0963921	97,06464724	79,78117475	79,24189902	172,5314213	133,422677	152,4187618	108,7376659	1040,444494	115,6049438
ENSG000000133664	MVP	132,3601828	61,08624949	115,652928	17,08682829	153,9158722	161,2636757	133,3364903	63,0629072	148,5622175	1040,329696	115,5921885
ENSG000000122033	MTIF3	85,31195661	87,81943234	67,45742889	135,7578096	121,1993702	114,5850531	81,55962941	253,1339045	92,74935609	1039,873941	115,541549
ENSG000000134809	TIMM10	119,5642917	91,56911085	150,049246	90,11671803	77,7470968	103,4803081	123,5300691	177,1401805	105,616387	1038,859087	115,4287874
ENSG000000118292	C1orf54	33,0774696	105,1454457	141,1788692	187,5855369	83,69983664	149,319519	171,3114612	65,04617471	99,80104582	1036,165636	115,1295151
ENSG000000100216	TOMM22	110,7359315	89,05932762	141,4105911	185,9550346	136,2737512	102,4205072	84,81610435	77,53551722	107,2322509	1035,473816	115,052624
ENSG000000108604	SMARCD2	43,58491821	64,05534657	51,29306058	175,0514482	184,6560475	116,3240198	125,8735575	115,8379349	158,6215497	1035,297884	115,0330982
ENSG000000187688	TRPV2	213,190601	36,87844722	141,5799262	99,01791553	59,48116644	153,8389997	109,1417469	76,13384445	145,9947835	1035,257431	115,0286034
ENSG000000000419	DPM1	192,5501721	133,7377664	0	138,7905996	130,0201872	154,2267333	81,81039874	105,673358	97,61946572	1034,428681	114,9365201
ENSG000000156411	ATP5MPL	80,17931304	164,1829933	38,42067547	154,4979557	146,1708298	114,5584597	83,91632161	163,0401892	87,94377159	1032,910509	114,7678344
ENSG000000185651	UBE2L3	120,1752188	97,88091249	140,438617	56,42939784	145,4996817	114,9443	135,6047257	90,48633015	130,450894	1032,450129	114,7166809
ENSG000000147140	NONO	90,06086637	117,1981191	215,9966302	98,07249896	59,9864464	114,3378445	115,014471	81,85935715	139,6658388	1032,194391	114,6882656
ENSG000000138463	SLC49A4	122,5897014	48,914525	27,1118459	162,8290796	76,86109952	96,73950509	123,8462428	257,0267767	115,9722579	1031,89107	114,6545634
ENSG000000157107	FCHO2	120,2757451	90,29406728	132,0507469	148,9828172	218,7734361	61,44734891	106,4853699	58,6035264	93,73501865	1031,104079	114,5671198
ENSG000000108055	SMC3	42,98256232	116,9789076	210,6146294	209,7856158	131,1304055	59,8054266	63,91982576	86,10622414	88,24992754	1030,973525	114,5526139
ENSG000000128228	SDFL2L1	65,49551646	146,8577526	103,6847395	159,419196	0	124,5504329	201,0605792	131,986612	97,22282657	1030,777655	114,475295
ENSG000000117280	RAB29	69,47834896	189,9110221	149,8842491	74,72471865	35,78297233	126,0053432	125,7917212	96,40496219	161,2827914	1029,266129	114,3629032
ENSG000000204555	HLA-C	100,0575286	113,3747587	66,08541643	51,72903166	145,2513713	149,2996654	95,24134096	149,8620276	155,9717123	1026,872583	114,0969537
ENSG000000075975	MKRN2	162,8182365	131,6069925	61,67678083	85,28577368	165,3881871	84,00157127	104,5812173	117,289387	108,0923557	1026,680502	114,0756113
ENSG000000106105	GARS	64,23610535	124,2380081	162,3348112	215,7367262	88,72315752	110,5101488	91,36250208	99,99884659	48,52013085	1032,962707	113,9622707
ENSG000000184584	TMEM173	11,82836825	130,1589655	81,16926192	95,77042315	61,97359389	135,6884333	139,5393271	103,3727148	153,2710898	1022,827497	113,6474996
ENSG000000116133	DHCR24	95,66607419	102,5274207	55,33655977	125,2692141	88,01673914	154,0293075	192,6476404	99,49196586	159,5576434	1032,6206042	113,6228936
ENSG000000139508	SLC46A3	97,08534016	83,86538721	0,809793721	64,54270823	246,1324681	105,1001323	172,2558795	187,0945724	65,3612769	1022,247559	113,5830621
ENSG000000137312	FLTO1	117,2352339	102,7105934	94,95835092	67,17949111	79,91215754	160,388906	159,2311089	90,57123311	150,8945137	1021,081614	113,4535127
ENSG000000168439	STIP1	113,0814556	77,96097662	96,69911109	80,8809197	47,34768542	134,6665192	155,6726601	108,9149798	81,5764819	1019,80079	113,3111988
ENSG000000004700	RECOLQ	18,67389164	62,86684628	352,4219778	176,1431914	94,74469165	94,96284134	59,89639524	41,70872948	118,0781953	1019,49676	113,2774178
ENSG000000126517	PEF1	72,25845102	93,72304726	121,0457651	112,0957112	429,4990012	98,14323363	114,2943836	34,63394252	78,58557397	1019,281423	113,2534914
ENSG000000160203	GNAT3	85,95280166	92,73018321	184,0511321	160,661416	8,87881966	160,131698	162,3251691	73,62972092	105,4721288	1019,105879	113,2339865
ENSG000000007109	TOP2B	32,37726489	58,60615191	362,1927994	40,1380883	26,20298415	69,3947614	128,1690652	126,0178157	132,1281446	1019,102796	113,233644
ENSG000000010917	ALDOC	122,41576809	230,1586387	64,38666152	96,1023911	68,74378682	99,21604931	89,20306529	91,08456685	157,1015012	1018,412422	113,1569357
ENSG000000074695	LMAN1	94,89843416	96,3455852	178,1911969	227,4905907	47,33015385	85,74324203	91,67395757	103,9752923	92,7089406	1018,357393	113,1508215
ENSG000000102699	PARP4	27,43145723	68,1559014	156,8151841	52,04262213	13,84649799	124,2613388	146,0671497	74,52959052	150,5716652	1015,705006	112,8561118
ENSG000000162191	UBXN1	84,74605464	77,20202135	118,6794972	132,6316399	159,2768563	101,4334805	128,2949011	81,69511819	131,2375916	1015,197161	112,7996845
ENSG000000136827	TOR1A	130,1334904	124,4130591	87,53800516	87,97907598	106,2465472	94,3482665	110,155294	79,50928612	122,627095	1011,950101	112,4389002
ENSG000000109787	KLF3	111,742819	68,3126496	171,1973139	56,33859841	237,9796799	80,34570684	58,14885586	120,8323718	106,6068979	1012,471199	112,4711199
ENSG000000129128	SPC3S	48,30493129	116,7354151	224,1669944	100,3284747	90,76539436	84,87472605	91,03902402	115,2093579	80,33664281	1011,599963	112,7333292
ENSG000000081087	OSTM1	45,48924784	127,4996327	57,57972754	93,25065463	262,071506	92,84760912	90,76276411	164,3175089	77,13066934	1010,94923	112,3276922
ENSG000000196576	PLXNB2	147,2268878	55,72164708	185,5620314	41,77972037	113,322413	94,21969529	153,354544	59,58353837	159,8443563	1010,614879	112,2905421
ENSG000000183684	ALYRF	72,57915592	41,39676367	85,65460483	184,0138639	152,4082073	134,7011125	121,8831878	132,4677332	83,77744404	1008,59107	112,0656744
ENSG000000138768	USO1	93,2748771	109,9335445	98,88045369	40,38008543	284,4448886	90,47695356	88,29596907	82,10449149	110,4628305	1008,217694	112,0241882
ENSG00000016628	EPRS	144,6482927	76,77031902	168,4696223	208,5322904	1,214374556	133,2354442	103,245426	39,23250924	127,953282	1007,35126	111,9279178
ENSG000000110422	HIPK3	98,87710295	34,28959433	121,7610037	19,472677	376,5376666	66,413004	70,57321957	42,09357548	77,21599749	1007,232941	111,9147712
ENSG000000100129	EIF3L	115,6192844	118,4668334	128,7663866	85,70280474	125,1394229	117,9061896	94,24878058	118,0672861	126,224881	1007,179476	111,9088307
ENSG000000099622	CIRBP	66,22952034	111,41710434	125,4140742	116,4127297	68,57520909	133,8122993	106,5355033	165,0616142	113,3231856	1006,781182	111,8645748
ENSG000000159348	CYBSR1	105,6597383	134,3394403	52,99865291	331,33312	95,71141618	120,7696122	167,3402982	104,0188906	130,609380	1005,77876	111,7531956
ENSG000000128789	PSMG2	86,02780714	117,9863676	141,6600287	189,2464421	123,1334524	82,68468393	100,5490772	113,8975258	53,4839212	1005,508568	111,7231742
ENSG000000131507	NDP1F	105,2278587	108,891523	82,1799527	77,05005253	122,0387263	113,5709429	123,8765728	172,6631297	99,50440542	1005,010433	111,6678259
ENSG000000129518	EAPP	169,4292692	206,3141069	41,53883761	109,48681676	0	107,8706075	107,2178443	172,8200583	88,83114325	1003,508684	111,5006949
ENSG000000100075	SLC25A1	140,64031323	156,5391266	18,63398362	68,79076119	0	161,0967631	216,2935288	77,85626878	162,0462761	1003,598932	111,3177591
ENSG000000121774	KHDRBS1	127,2756923	169,4046101	114,2040136	53,82151987	0,709317945	135,3407103	126,6740541	158,2633998	88,78051981	1001,473837	111,2748708
ENSG0000000055130	CUL1	53,68566129	86,10673977	87,50516473	117,4790222	50,5610977	154,9899612	150,7648192	189,3754527	163,5306083	1006,66525	111,1629472
ENSG000000166974	MAPRE2	144,5331041	92,37448514	46,3749971	29,8947165	35,44687716	105,9357825	110,4463764	101,8572575	143,1138511	999,9774473	111,1086053
ENSG000000121895	TMEM156	111,0031592	206,2872296	104,4866648	46,95199972	0,841024689	128,286047	87,46682785	106,7914996	207,6433309	999,5777834	111,0641982
ENSG000000145416	MARCH1	82,18930184	107,0406062	146,6324349	29,23146727	154,4539703	127,288239	94,76796691	135,9978575	103,1597295	998,6825319	

ENSG00000112531	QKI	50,06560199	96,15988451	116,3213199	164,1738423	80,8035152	111,4001045	106,3650822	94,63551626	138,5714653	958,4963321	106,4995925
ENSG00000008081	PSEN1	72,88916438	87,28700073	120,4757421	117,3643386	141,307536	72,63904308	84,57611099	184,6673128	76,73385613	957,9401049	106,4377894
ENSG00000014295	ENOPH1	168,9565622	122,8072338	133,318348	121,5107659	90,34480801	106,1732111	96,07545825	119,1341144	89,57748841	957,8979901	106,43311
ENSG000000136938	ANP32A	167,5953602	90,19321821	24,52765579	155,8632917	158,2421684	82,95528835	84,20602495	79,86974573	114,290642	957,7434013	106,4159335
ENSG000000183431	SF3A3	74,54632929	120,7121022	88,87653396	146,9125175	76,9142348	105,5368512	103,5919665	78,5791719	159,1197497	956,9048023	106,3227558
ENSG000000147955	SIGMAR1	176,9149714	113,1910902	27,59547431	126,5436333	82,42041956	106,7539366	123,7562564	77,04213064	121,6937129	955,9170053	106,2130006
ENSG000000177700	POLR2L	71,3950476	129,5464015	43,69686947	179,1320918	57,08884554	116,2552798	130,2618278	114,7423765	131,719586	956,2042389	106,2042389
ENSG000000138459	SLC35A5	123,6615296	53,98384923	182,2876954	152,15456721	246,05651	56,83846186	65,43792377	96,0915768	78,87314087	955,3852547	106,1539172
ENSG000000142234	SAE1	132,61105077	78,64235338	101,668498	119,0957828	725,7703042	99,95672554	83,27742295	26,27129954	88,21690044	955,0053764	106,1117085
ENSG000000100632	ERH	61,23168676	157,5605284	34,46653518	342,2866693	0,322657271	108,3710595	85,33786283	73,92471457	91,33697007	954,8386639	106,0931871
ENSG000000127483	HP1BP3	89,4781993	41,94926183	86,86408659	161,4539562	89,36699717	129,2856264	82,48292833	148,3428895	125,6133681	954,8373134	106,0930348
ENSG000000158435	CNOT11	180,9188365	70,26074614	64,1967364	49,44437713	280,4359787	122,437339	76,20163391	26,65978376	83,91293752	954,468369	106,052041
ENSG000000137767	SQOR	126,6019878	125,4550806	76,84386959	76,74558076	167,0427739	91,89674582	90,31645455	95,2766111	103,8238137	954,0029178	106,0003242
ENSG000000153879	CEBPg	45,63867087	102,4043289	133,986956	46,70581646	232,2399688	123,5739281	86,4000585	24,19602233	158,5377138	953,6834638	105,9648293
ENSG000000174744	BRMS1	124,4828925	90,76724028	157,4557124	56,15187799	75,70894887	85,7270641	108,7509361	155,885207	98,39368383	953,3235578	105,9248398
ENSG000000166441	RPL27A	93,62381748	93,19665467	99,96027327	175,8707854	100,9491214	110,7044165	94,63658697	101,8064249	82,12583995	952,8739204	105,87488
ENSG000000189159	JPT1	113,488209	65,5003359	117,1989808	114,8398666	162,3725823	91,57718268	141,2370091	72,95560622	72,89810739	952,0668917	105,7852102
ENSG000000271605	MILR1	32,11931733	83,86820267	0	217,9726633	0	162,8043214	161,3288685	178,5001711	115,4377077	952,031252	105,7812502
ENSG000000171155	C1GALT1C1	120,6042884	152,1646527	103,1662867	59,74949087	0	96,62822858	100,417904	232,4738771	85,2319197	950,4186482	105,602072
ENSG000000161929	SCIMP	64,72610935	83,11202968	128,8168545	79,52713394	134,8064203	98,16408327	108,1956452	102,1088697	150,4372866	949,8314325	105,5368258
ENSG000000198682	PAPSS2	112,5094624	56,34725351	237,1987913	41,54566607	2,726584328	32,26377612	35,8925662	418,4047793	2,002754587	948,7916338	105,4212926
ENSG000000138668	HNRPND	84,18120746	95,91041029	99,54881069	228,0424409	60,80460322	98,98546798	88,87706514	66,21944706	126,080666	948,6501188	105,4056688
ENSG000000105366	SIGLEC8	57,28008018	57,24759825	246,0706836	51,10079446	293,2057134	85,44054612	50,05360138	0,312615485	107,4873926	948,1989535	105,3554393
ENSG000000099250	NRP1	119,044931	79,1486671	127,50606	11,41109956	36,87172822	121,3154495	138,9443311	129,0249192	82,21313349	948,0297773	105,3366419
ENSG000000123136	DDX39A	66,6938483	52,37148439	124,9462632	21,74458122	168,2428278	110,8230805	98,02369688	65,22640682	139,9172646	947,984537	105,3321615
ENSG000000108100	CCNY	84,88218205	70,37190998	106,4043011	121,0690436	124,3506225	115,2247325	105,3760057	106,9898367	102,3735559	944,5090599	105,0561211
ENSG000000109790	KLHL5	64,71551073	84,96723564	78,73580953	42,60991032	243,0186946	98,0497965	94,24909853	143,8906359	94,91034487	945,1470366	105,0163374
ENSG000000109220	CHIC2	109,0741345	139,3990447	101,2271407	105,3897951	0,291255103	97,2549308	102,1672452	157,3115094	102,1625523	944,5407077	104,9489675
ENSG000000170606	HSPA4	5,331223583	37,68283302	107,8248953	135,5307101	282,4654444	105,1330644	85,21260298	101,2935444	83,52592901	943,9996172	104,8888464
ENSG000000162244	RPL29	101,3277879	83,64779595	88,56672646	100,91362467	90,91362467	112,2193988	112,0575657	107,0941966	106,1980127	943,0019945	104,7779994
ENSG000000064686	CNN2	54,3486543	114,4023423	53,61044766	66,6674523	116,2199079	60,94023106	111,4410943	122,7328394	142,6014661	942,9644354	104,7378262
ENSG000000124214	STAU1	59,94224884	109,4443777	145,7799884	57,9389784	157,5415501	74,64760193	80,69452471	90,96232477	117,118717	942,8253118	104,758386
ENSG000000164609	SLU7	152,2829529	89,45563475	71,11254367	78,73462538	75,90490306	86,97346231	67,69451966	223,3388807	94,54050389	940,6380264	104,5153363
ENSG000000164758	MED30	127,0797924	91,61518336	5,40516839	167,6144802	105,9657683	74,42938216	88,09062893	100,0482441	103,335529	948,5495458	104,5093494
ENSG000000183978	COA3	117,3043736	135,3901865	94,43549712	136,0735396	75,5058116	96,14933337	69,85013304	164,2761185	50,81665653	939,7980698	104,4220078
ENSG000000103194	USP10	57,07894859	105,716421	93,55652328	138,642804	0,070650707	118,9412043	134,6035256	140,5468296	169,7225175	939,1891234	104,3554582
ENSG000000170017	ALCAM	57,44264484	106,4873718	56,80412386	70,3219517	17,40812157	119,1579515	144,7479161	90,72106597	95,7672726	938,7638733	104,307097
ENSG000000186283	TOR3A	54,27606725	94,39862596	121,5731822	204,8469047	93,3438277	89,90253645	104,5326649	77,4840363	98,34186321	938,6997087	104,2999676
ENSG000000075415	SLC25A3	107,3197601	133,2571698	103,2426087	141,1149014	26,44132085	117,1967248	101,648458	108,9180051	95,97335019	935,7125989	105,9083665
ENSG000000168476	REEP4	71,9183595	97,03285087	69,80171064	19,0674156	54,3589219	101,6899369	131,6164957	46,08001912	137,2935032	934,8682134	104,8742459
ENSG000000075884	ARHGAP15	79,43971733	84,98967915	165,8715916	127,8057547	106,9088293	89,16986285	74,86853824	75,34145435	130,2472608	934,6426523	103,8491836
ENSG000000276085	COL3L1	5,966244451	305,0138068	57,71540517	69,0971447	97,27450785	89,22353221	179,1945245	4,948645667	124,4880721	933,9218741	103,7690971
ENSG000000133142	TCEAL4	106,52155	106,8095417	44,60046068	141,2447857	74,89033942	107,795752	123,8752924	82,41179841	145,7867243	933,9162346	103,7354705
ENSG000000184014	DENND5A	103,063448	116,3776153	49,60236864	129,0124396	158,282058	70,33081952	93,19903611	65,02743464	148,7117618	933,6070298	103,7341144
ENSG000000038614	SLC4A7	65,41943695	20,46757779	122,6347084	171,1439565	108,6016861	105,8654412	141,4672774	103,0888974	103,7076163	933,505688	103,7228542
ENSG000000140299	BNIP2	130,1951535	62,78742278	58,7075551	200,7912112	21,05403605	91,37677515	110,7489416	144,3811224	113,4808856	933,4421033	103,7157893
ENSG000000099284	H2AFY2	24,87223679	64,12091306	176,6871437	178,5486731	0,929393226	98,24104542	137,1601145	57,97997846	194,1191936	932,6589618	103,6287435
ENSG000000171657	GRPR2	69,08822655	61,25727428	94,83829778	135,8938032	284,8696117	49,30314305	64,13432281	126,9753085	45,36940417	931,7239391	103,5254897
ENSG000000137876	RSL24D1	119,613437	135,7440614	48,37697507	43,11832886	111,7788326	103,5500514	159,3664187	73,21036695	930,6280443	933,403116	103,403116
ENSG000000170275	CRTPA	23,67662263	140,098688	55,05625261	112,2858345	132,7581654	102,9165982	105,3800862	163,6625879	94,6026879	930,4375162	103,3819462
ENSG000000175203	DCNT2	87,6742645	142,7504838	76,2027138	87,12270435	61,8257851	118,0298151	111,307686	80,47339361	170,8624536	930,3747022	103,3718915
ENSG000000166181	API5	49,54711251	135,2528773	107,3232626	109,2350882	44,16582116	103,3593934	99,11373893	78,2215564	128,9505011	929,8076105	103,3119567
ENSG000000023902	PLEKH01	64,32856033	110,8730159	23,17550313	77,54441092	85,43194513	161,0801737	142,4672181	88,32856444	178,5259031	928,6889941	103,187666
ENSG000000151491	EPS8	115,8632338	57,14501641	86,38866308	68,28918832	155,0429015	52,88156789	61,8683335	221,8632096	109,0923438	928,4344579	103,1593842
ENSG000000132718	SYT11	49,60229269	69,28640257	57,1549406	221,9709549	127,9024229	88,0132491	0,255063198	103,6106914	132,97505519	932,0633947	103,0633947
ENSG000000110719	TGCR1G	106,830856	44,92527681	135,1459818	33,99609595	59,59299103	123,0837803	186,0975964	68,27722264	159,673319	926,9291365	102,9587929
ENSG000000116044	NFE2L2	39,9159986	166,0579623	91,712355	103,9693569	83,33604051	120,2528527	107,6597841	200,7895468	95,16810098	926,9519991	102,9546666
ENSG000000088298	EDPC2	233,0824407	110,7295521	77,31505938	37,81064122	0,190614407	155,9594646	143,052162	55,77398751	112,5535467	926,4674686	102,9408298
ENSG000000152424	PMS2	103,8553014	136,6644016	68,84325429	167,5581856	50,24088502	111,1095158	98,97541852	110,8433977	102,9108353	926,9175179	102,9108353
ENSG000000108788	MLX	119,249267	65,22543134	105,6050247	96,33128905	24,2222793	76,43027741	76,44881699	99,69674085	81,99236918	925,1815228	102,797947
ENSG000000138674	SEC31A	72,80028										

ENSG00000143774	GUK1	107,6482922	102,8870786	57,71396341	92,88732852	89,68438095	111,5551116	130,5422544	96,3680072	102,1860878	891,4725047	99,05250052
ENSG00000162734	PEA15	11,9598681	176,6908618	43,78731424	127,1197827	32,50743256	125,3494022	87,86500441	56,28928128	129,7481601	891,3169244	99,03521382
ENSG00000006514	OAT	94,10959389	58,09215704	47,09580189	86,33651314	191,5364224	118,3116745	118,5450215	102,7975307	74,38249239	891,2072075	99,02302305
ENSG00000172354	GNB2	118,3287827	105,5834027	68,15626456	82,48724494	132,8681546	113,0312027	105,1489855	81,3811732	84,2264977	891,2062207	99,02291341
ENSG00000044362	LCP2	46,95276541	92,60877383	60,391912076	43,80075316	120,1735557	127,2693852	113,8020865	137,2663557	145,8286222	888,7128793	98,74587548
ENSG00000122068	FYTTD1	74,45501209	67,60424493	93,4227153	57,29533316	294,5427785	78,36475258	61,93280412	72,22110466	88,3694683	888,2082136	98,68890151
ENSG00000102401	ARMXC3	99,31447272	129,0421515	85,31543024	110,1008953	115,6394068	56,86908892	78,4374569	114,6684776	88,03487066	88,0297907	98,66997674
ENSG00000137207	YIFP3	149,1242339	66,4407059	83,03776207	50,84930659	112,9396937	97,8670671	120,8522981	117,384084	89,16724368	887,662395	98,629155
ENSG00000112033	PPARD	54,07703841	55,95065292	69,41706308	38,28726133	243,4941021	99,79947412	155,4796149	11,0466122	163,663181	887,1767318	98,57519243
ENSG00000108179	PPIF	63,53319762	80,31209288	1,561101267	167,2484749	218,3477682	80,1290318	79,99849322	88,70145448	106,6651886	886,4968029	98,49964477
ENSG00000139370	SLC15A4	105,9819017	118,4277488	131,008534	10,3668809	85,64178406	82,98563045	67,00317656	28,40238602	115,0541776	884,8335294	98,3148366
ENSG00000137193	PIM1	176,3954087	118,1417723	93,48571646	32,89675257	24,77081398	100,5319534	124,7249637	141,4434436	71,70118302	884,0920078	98,23244531
ENSG00000187474	FFR3	169,2177387	70,53321413	84,02421128	102,9092235	0,129225456	120,1494171	159,1518245	38,28712873	48,61835973	883,0203431	98,11337146
ENSG00000090581	GNPTG	124,3506381	79,84003373	114,7499676	55,00412386	89,73552658	89,88511459	111,1273629	119,9379012	97,41735144	882,04802	98,00533556
ENSG00000148572	NRBF2	54,29169898	65,73075857	75,16137342	80,71002897	235,1927092	67,9002781	76,8926548	126,7158336	99,13118021	881,7265159	97,96961288
ENSG00000143337	TOR1AIP1	87,33452326	87,87472099	141,0861033	60,24707682	100,6948408	88,43387474	104,4215909	116,8463369	93,86070849	880,7997762	97,8666418
ENSG00000155889	ELMO1	112,6144817	99,29939899	154,2397414	60,20317909	52,34785492	93,65192637	104,7421612	49,13358033	154,1341533	880,36648	97,81849778
ENSG00000198736	MSRB1	113,7077774	61,41036071	77,90548152	77,90548152	262,3872261	68,61021531	63,0509499	89,15758845	84,8030559	880,323809	97,81470899
ENSG00000146729	NIPSNAP2	100,0896949	145,8624152	81,31323724	87,3169416	82,85033612	112,0358805	85,85980779	94,02652101	110,7975462	880,1514806	97,79460896
ENSG00000026346	SRSF8	76,04298082	71,69536596	95,51252656	48,4556607	364,2093158	61,66041046	52,61156672	60,8695256	67,77769146	879,8530431	97,75944823
ENSG00000005031	JKAMP	73,60995385	134,9956276	92,91564688	190,6924791	0	72,27598686	99,19367167	118,3487485	97,45193501	879,4804496	97,72044995
ENSG00000166986	MARS	91,46618776	76,49753987	87,76861691	114,5024846	173,5802919	83,61628667	92,31745685	64,08399481	95,35608414	879,1889435	97,68766039
ENSG00000132294	EF3RA	87,78177046	104,1475307	159,7308127	119,5261638	0,869955287	138,2856083	90,49588222	97,01712593	81,03772774	879,088032	97,676448
ENSG00000131473	ACLY	119,0489	70,53658604	61,3819343	124,5052634	0,137909963	82,31815096	127,375878	129,0522101	164,1501541	878,5049697	97,61163297
ENSG00000177383	MAGEF1	68,53547887	145,8718705	64,73741914	168,7464567	0,2195095	118,8552542	68,41047442	109,0676445	134,0457801	878,4988979	97,60989755
ENSG00000175582	RAB6A	68,64172981	94,41928271	32,64676408	128,6021433	72,76237786	124,026289	104,9686438	150,3693255	178,2421874	878,2421874	97,58246527
ENSG00000183605	SFXN4	77,90122032	23,11073984	177,8298813	94,28860164	236,0794122	76,38281369	55,74966572	67,21902337	69,44372192	878,00508	97,55612
ENSG00000101782	RICK2	96,65350751	106,240776	183,1256771	39,44115967	114,7016697	77,55704471	76,84282689	64,4401844	118,7948161	877,7976676	97,53307418
ENSG00000118503	TNFAIP3	52,04250852	79,40204898	101,4005018	48,65593457	19,8299622	60,9164207	85,29485654	139,2099462	90,98158105	877,7456005	97,52727339
ENSG00000100280	AP1B1	102,4722654	47,51631039	132,5712202	53,7218343	69,24807839	108,8379308	136,8020522	60,57065722	126,1743314	877,4710294	97,49678105
ENSG00000102241	HATSF1P	97,34389626	106,7301709	48,86262296	219,6807708	86,63490302	82,05920831	46,3275072	72,14397923	117,5912692	877,7342797	97,48603643
ENSG00000110917	MLEC	64,61749006	53,22856106	86,06106717	110,2022672	167,7889977	108,0042291	134,3183486	71,18868362	61,66508411	877,4427292	97,44714213
ENSG00000007348	EXOSC5	141,3900076	96,82905559	104,4457389	35,85948481	102,6425139	88,9979176	67,32106995	93,96129149	145,6341169	876,981271	97,44236344
ENSG00000173306	SLC25A39	125,0112123	72,4296032	23,25698503	69,11890706	48,88724343	170,8982458	142,8710672	76,47039339	147,0011204	877,34890388	97,34890388
ENSG00000109436	POLD1D9	150,38743	53,06929347	3,373198945	112,1159676	35,29530205	46,53208962	45,63337318	126,6166981	82,67962698	875,7978836	97,31087595
ENSG00000100227	TOLCIP3	158,3141979	72,28814468	107,384093	76,06432332	132,5291314	85,04621617	89,54800407	73,14825495	80,2449610	877,1741873	97,1741873
ENSG00000114923	FAM162A	128,5615111	124,7747509	145,6958705	84,8417878	23,29104018	72,61048176	75,55345064	74,04940216	124,0610056	873,4393007	97,0488119
ENSG00000149485	FADS1	115,3787554	83,53553805	58,50353403	86,2386265	102,3994009	100,6491729	129,2356685	81,30046984	116,0314504	873,2726165	97,03029072
ENSG000000078618	NRDC	168,2229002	91,1754062	61,85087984	162,0008221	11,06991267	76,77007934	117,0969982	62,00831763	121,912904	872,9152201	96,99058001
ENSG00000130706	ADRM1	168,6766454	78,1141961	40,61987441	51,8946308	125,5737811	135,4704009	113,2278953	55,68945895	103,5083572	872,7552672	96,97502968
ENSG00000141959	PFKL	113,0109197	61,46297694	94,01993265	49,17457978	114,1805495	109,1076726	122,9963483	83,81177021	123,7172345	876,4003924	96,9400436
ENSG00000134644	PUM1	95,92474377	30,2120423	110,8393689	205,366584	109,2376877	79,20908216	107,6380435	67,37451535	66,58026746	872,3823351	96,93137056
ENSG00000160307	S100B	102,4138087	111,2061783	57,25635926	43,05571563	83,11801368	123,9276678	170,9759065	11,70975212	168,1486535	871,8122554	96,88802838
ENSG00000100266	PACSIN2	118,2892751	32,88533963	82,14988884	117,186023	69,6484854	84,01088439	50,7681019	81,2677481	135,5725508	871,7784871	96,86427634
ENSG000000067704	IARS2	138,1008093	65,80589893	3,361307122	152,9009367	145,2102856	78,64201459	83,53562854	86,70411264	126,4295688	871,0950792	96,8545088
ENSG00000187608	IGS16	49,13903786	79,87270513	73,26149261	128,6650672	56,48182388	108,0614627	115,5367961	211,7449992	44,23976726	871,076519	96,75751688
ENSG00000151500	THYN1	116,8807104	86,30148375	29,77889867	112,4270362	119,1409308	97,08783158	86,33116756	91,38020602	129,1895029	868,5178192	96,50197992
ENSG00000119929	CUTC	32,71813695	133,1732032	142,8681201	17,1614681	60,1323552	86,84381749	70,78711253	111,3745111	62,74394307	868,391278	96,48791978
ENSG000001088021	UQLN2	149,4672879	68,27161563	125,9782151	57,78808289	110,7066485	80,13127854	89,99455964	107,9575821	77,15047118	867,3964974	96,3773886
ENSG0000013401	P1BP1	87,28979064	47,13814036	126,6923682	61,60385497	131,4277334	100,3707165	122,3896279	83,628798	106,1401339	866,6811839	96,29790932
ENSG00000123689	GOS2	17,94006757	33,05860275	241,4867278	45,82732024	76,84103349	46,4019307	2,005233616	285,5467667	117,9573817	866,1104247	96,23446193
ENSG00000121858	TNFSF10	82,25228098	132,2397484	113,8256203	116,0216539	50,72104783	120,6359381	93,45552482	55,31249953	145,4575796	864,9218934	96,1024326
ENSG00000175445	LPL	67,66131124	19,66764126	115,82705553	84,51488647	97,71196263	152,6570085	66,9418087	57,9120349	65,77284379	864,8025946	96,08911721
ENSG00000119335	SE	87,87799366	88,72390864	80,17060949	44,7755042	95,65473	89,67933354	97,32233789	96,51269113	58,51796811	864,5360767	96,0594296
ENSG00000152795	HNRNPDL	54,86862327	122,8086443	102,1065881	166,39607595	9,574718989	107,7388624	104,2989319	66,9799799	129,6106407	864,4302983	96,04781092
ENSG00000004137	PSMA4	110,4269555	67,93646328	118,3621296	158,7472572	34,19678056	104,0202858	55,5772217	138,8543314	75,51841812	863,6398432	95,9598258
ENSG00000133579	SWAP70	29,24720723	52,04758511	86,19238331	73,7873371	85,63495344	99,33411336	104,23877	106,649246	122,270098	863,3742839	95,93047599
ENSG00000163328	GNP155	85,44584077	100,9889397	129,2398143	162,8282606	118,5194206	49,92906788	93,57383236	50,65614235	71,86033632	863,041709	95,89352322
ENSG00000180879	SSR4	110,3535148	122,328834	44,33146677	36,25668594	88,95554015	111,7478687	181,3430666	71,86875317	862,8663454	85,87403838	95,87403838
ENSG00000164054	SHISA5	113,980915	78,47637867	140,8972886	66,85619525	96,24719724	78,54428674	108,2262319	99,8246796	79,2557373	862,3089047	95,81210053
ENSG00000144005	SUMF1	175,7661404	59,04221171	90,11134833	70,94545392	140,9784592						

ENSG00000107372	ZFAND5	48,16716279	79.09524815	75.5444855	54,6615375	89,25837288	136,3214293	102,3298023	109,9577733	127,6067204	822,942532	91,43805911
ENSG00000109445	ZNF330	72,75473453	150,2483368	59,08173239	126,3517937	0,283215727	92,17981174	85,0981747	136,2912293	101,3981607	822,6871896	91,40968774
ENSG00000241399	CD302	47,10854435	64,19097181	147,1378596	137,7956832	107,1979517	74,06358832	68,25930743	101,9589615	74,21097333	91,32487124	91,32487124
ENSG00000006802	RASSF1	92,35675474	99,74329083	51,39952414	130,9988509	121,1034449	91,71706059	50,21538674	70,96761959	113,0882852	821,5842078	91,2871343
ENSG00000170881	RNF139	28,99084282	24,43071556	1,441378291	126,2152136	68,49834604	115,5229201	107,1144871	240,2381688	108,5481354	91,00204709	91,22224532
ENSG00000130748	TMEM160	92,97337401	101,9348977	67,05474143	63,7984112	87,33720067	112,4645741	17,9995974	94,33780783	87,10669509	820,9487069	91,21652299
ENSG00000188443	COPB2	94,66496058	121,6127102	105,7521829	64,00345715	52,42011141	103,1810639	74,24755154	98,25598955	106,5901285	820,7621557	91,1957907
ENSG00000146070	PLA2G7	195,9619736	0,132350444	0,137206367	69,8059014	337,8470068	23,25696139	13,62461651	150,2123577	27,12076664	820,5991408	91,17788232
ENSG00000138678	GPA73	50,88459735	65,86982613	58,69577028	154,226468	0	73,86523881	86,37124152	108,6247778	292,1130177	820,5511116	91,17234573
ENSG00000122655	CBX3	179,7716252	142,9905996	81,0966735	95,85586464	46,00266038	54,40084406	65,66453532	53,04703698	101,5244225	820,3542622	91,15047358
ENSG00000131495	NDUFA2	76,16460215	89,02026078	51,00038106	77,50891047	31,6158589	125,770921	129,686405	136,1266061	101,7909379	818,6848304	90,96498705
ENSG000000069345	DNAJ2	83,75023347	24,80489518	136,9407113	128,8600309	94,07704553	84,91565368	83,62999305	80,15591105	101,3128183	818,4472924	90,93858805
ENSG00000100982	PCIF1	120,0192364	86,27324782	82,32217217	143,4152721	107,9395647	83,11259926	54,01093305	26,73554023	114,480048	818,3086138	90,92317931
ENSG00000112759	SLC29A1	97,22653653	150,0210058	14,6693834	41,20468994	110,8327798	113,2647147	39,71209088	120,7370264	817,2288319	90,80320355	90,80320355
ENSG00000172301	COPR5	117,579146	68,4452386	116,3121952	61,1181927	0,520837625	109,6044491	94,80789409	129,8734848	118,5967655	816,8582102	90,76202336
ENSG000000069509	FUND1	138,2475388	67,83544632	127,1587565	50,85844771	138,275967	55,17153625	94,3273379	91,74356727	53,07788504	816,6964828	90,74405364
ENSG00000113328	CDK2AP1	55,20913831	98,94604417	77,94669653	117,7173048	105,8821757	107,0284258	88,31012914	97,4778933	71,90875897	816,674826	90,71408696
ENSG00000133226	SRRM1	114,525103	75,92053853	42,73917705	139,7889463	103,5375494	72,83981138	74,62966478	91,05512003	100,8704021	815,9119577	90,65688419
ENSG00000133398	MED10	111,3872983	100,697103	92,75945367	105,9698368	107,93799815	11,8828289	64,88916312	63,28601964	91,82652737	815,7162299	90,63513666
ENSG00000115520	COQ10B	40,80318495	132,5933623	161,252967	36,81081199	103,8300993	92,8904184	96,89149077	83,51909715	66,29572855	814,8871515	90,54301683
ENSG000000091483	FH	18,90645755	126,0592876	58,91828428	193,6912276	102,7726673	129,8161188	85,63848057	39,02891951	58,73860671	813,5700505	90,39667228
ENSG00000171222	SCAND1	51,32914174	45,27247196	87,59994101	86,93474855	133,8594446	134,5737594	125,2188884	66,88154573	80,72591924	812,3958607	90,26620674
ENSG00000125877	ITPA	72,5405951	91,81999488	50,95824678	78,19987395	147,0125881	93,00525912	98,91610623	52,91717327	125,4607573	811,8440592	90,20489547
ENSG00000148450	MSRB2	97,96607487	91,32274283	143,6954627	87,15412744	0	75,78734782	96,49613204	161,6274186	96,81513187	810,8646001	90,09606668
ENSG00000114520	SNX4	157,7509539	86,93821125	80,88933456	81,90351862	0,795881408	84,48695911	49,62286764	193,5263014	74,25625447	810,1700824	90,01889804
ENSG00000106263	EIF3B	116,8820282	51,83623704	106,7071997	75,73668677	146,834051	60,65824338	81,13849953	73,38521379	96,75864638	809,99287842	90,99297842
ENSG00000029176	NCPB2AS2	121,5831278	192,322538	52,08132889	91,47720374	0	73,2019774	96,48235875	76,72158924	105,7402627	809,8266968	98,98096631
ENSG00000187060	PNRC2	85,3634908	168,3772603	142,7628521	104,166224	0	85,02691879	94,47388508	44,48847597	104,9296326	809,7351088	98,97351088
ENSG00000198301	SDAD1	130,3334083	70,20389232	76,60179181	47,53785272	182,7991615	69,2442596	63,36413501	70,70599311	98,75259204	809,5430864	98,94923182
ENSG00000105303	DENDN3	54,15052965	47,81591494	93,72117039	77,15991273	125,1648257	96,02908703	117,9609284	51,28831017	144,9528683	808,2433653	98,80481837
ENSG00000139083	ETV6	34,64329973	73,03316384	176,4531558	102,4561399	134,1043883	84,42092949	75,56594836	55,99873448	71,21270981	807,8888537	98,76542819
ENSG00000115216	NRBP1	31,27696743	99,27644327	202,3946799	29,86870604	0	90,84763798	111,7672483	116,57290052	125,6303043	807,6579057	98,7397673
ENSG00000119408	NEK6	61,68894987	56,06770945	158,2706334	97,31179863	42,42121682	124,6863601	101,1939949	63,85859259	102,1125495	807,6118052	98,73465402
ENSG00000114480	GBE1	23,1003259	94,3195683	188,1490758	29,00524229	139,8910657	54,1858022	76,42602678	92,00446262	114,705272	804,8034208	98,64912208
ENSG00000136560	TANK	99,18747262	100,9317441	92,82612017	93,96278257	116,5731976	56,05689856	72,37202516	115,6136002	59,26168903	806,78553	98,64283667
ENSG000001812724	FRAT2	126,5286432	60,21987078	198,699398	98,0196652	114,0802676	44,00791167	81,87038383	42,25620543	54,67062178	806,5558107	98,6171323
ENSG00000113141	IK	173,195098	147,9862215	12,60103	127,2033763	10,4079149	73,44121887	61,07238107	107,1436336	93,31456543	806,3654396	98,59611596
ENSG00000105518	TMEM205	116,1086203	73,79748695	95,71792948	89,52376775	13,5201049	59,81458525	79,4541268	90,11851841	64,2246699	806,2798098	98,58664553
ENSG00000135269	TES	104,9664241	97,59187395	139,1970791	30,1203689	108,68611599	88,22383373	124,0009134	63,81019068	161,1076367	805,50929856	98,50929856
ENSG000000055757	PITHD1	66,54968365	76,50623104	50,65813125	73,48927595	234,0130879	99,10351601	50,3766019	44,20620221	55,24935729	805,3486661	98,48318512
ENSG00000132507	EIF5A	106,2557756	64,4100002	89,5541101	99,46120403	81,801102196	180,7405724	159,4431184	16,36789478	205,262343	805,1711655	98,46346283
ENSG00000179933	C14orf119	115,627952	125,3769762	50,66258459	126,014672	0,122655714	80,63367277	88,98544365	109,7313427	107,8924691	805,4076787	98,44974208
ENSG000000006712	PAF1	153,8146546	98,78915793	39,67590887	28,8401814	180,3148081	75,38743748	45,38944291	106,6659752	75,90363225	804,8034208	98,42260231
ENSG00000115685	PPP1R7	95,5902928	85,31468556	71,60873219	127,0513854	125,847856	85,74167333	77,68475197	66,68118884	105,2851761	804,7244787	98,41383096
ENSG00000132383	RPA1	67,4384572	124,6967713	99,20629898	47,60858443	64,60453529	116,6805574	98,58056857	111,6690574	73,08226365	804,3855488	98,37617209
ENSG000000090432	MUL1	27,01073032	96,74315983	127,4262669	84,68566074	0,147906731	90,88182332	116,7370181	127,5194357	132,7256465	803,8779711	98,31977457
ENSG00000167283	ATPSMG	66,98236847	116,8424642	83,22302348	137,6909094	97,6919509	69,28695641	87,43472555	86,95646514	60,43029552	801,3846032	98,04273368
ENSG00000155097	ATP6V1C1	47,36571297	55,91065461	97,82276941	34,1021139	40,99991767	69,24519369	97,57135714	162,5347266	94,1779078	799,7303538	88,8589282
ENSG00000138107	ACTR1A	46,4855179	56,85416844	50,22153883	42,71373805	102,6205936	118,79268577	114,1497005	76,16676497	106,6771015	798,6818635	88,85354039
ENSG00000196531	NACA	91,09213357	102,3751581	71,91151841	129,5594499	62,11355574	88,97302809	67,73743044	110,4089922	75,41194314	799,5787046	88,84207829
ENSG00000184500	PROS1	58,37353602	108,4586121	46,10874897	109,7134748	140,6389787	87,10000518	74,16677029	138,5105957	36,15199616	799,2226502	88,80251669
ENSG00000166068	SPRED1	57,33735571	101,3749755	95,08712805	62,75907002	114,9176136	94,79381079	93,62515225	101,3901163	79,71071397	805,3133951	88,61459946
ENSG00000169241	SLC50A1	47,44694493	64,85827865	7,00889932	46,83448262	115,40877412	120,746308	90,0275442	153,9203755	99,70351794	796,004889	88,44498767
ENSG000000072401	UBE2D1	75,8158208	71,50453336	28,19740659	91,02731585	214,4385785	56,92449097	53,36094579	132,4586844	72,25584616	795,9836224	88,44262471
ENSG00000163634	THOC7	76,11687407	187,8067182	33,53562086	146,2071327	9,650385644	94,95510947	61,91017525	110,9005667	73,95607747	795,0386608	88,33762898
ENSG00000112118	MCMB3	65,99184922	64,94178851	65,49668086	141,0478644	10,03561351	71,50064032	110,8951482	51,8737006	212,6797051	794,4629907	88,27366563
ENSG00000162819	BROX	70,00247201	105,4261117	87,022284	188,8372788	48,09867485	107,0377776	73,34219608	55,47054186	63,14303528	794,4023525	88,26895206
ENSG00000124193	SRSF6	37,90027081	107,4656966	43,4325106	159,913715	50,98054702	79,27516844	91,69299095	116,1276212	106,8185162	793,6080548	88,17871765
ENSG00000138777	PPA2	141,8289947	86,56825779	24,62280618	77,70123013	137,7649193	83,06255812	75,71485552	79,98255701	110,8178389	791,8184654	98,77377511
ENSG00000119535	CSF3R	97,83717103	83,34702103	140,2267625	50,21195027	92,75104832	82,66988043	93,28776494	42,6518934	102,2387381	791,2568053	98,91742281
ENSG00000139433	GLTP	47,96811708	67,45035386	149,4635303	70,38690068	45,						

ENSG00000120694	HSPH1	47.42242343	46.21374638	100.6559643	83.22550561	164.3208874	87.02889727	89.41443564	69.74965662	80.58517855	768.6166952	85.40185502
ENSG00000013718	PPIL1	60,129429547	79,3119824	0,349880553	20,36245239	264,8746127	112,3472502	74,77684355	34,93581331	52,51421554	768,6160053	85,40177837
ENSG000000179051	RC2C	122,0200067	41,08574407	175,483882	150,586156	50,88745758	82,44685927	114,6120267	29,32515652	60,14676593	768,3168498	85,36853887
ENSG000000176393	RNPEP	94,1652847	54,48210827	108,3760328	48,34437221	61,22148551	80,4301251	89,30001343	34,52586814	142,1685552	768,1178217	85,34642463
ENSG000000144848	ATG3	115,8736924	114,084307	82,24317116	74,29665453	38,25650795	88,42591201	74,18169032	88,51601817	92,23899559	768,1169491	85,34632768
ENSG000000107175	CREB3	54,43677439	89,70866914	0,170018409	51,70821515	14,8666607	97,02249988	85,41191408	166,7330387	84,7960279	767,8538183	85,31709092
ENSG000000143641	GALNT2	70,83308	76,04078763	72,27050032	73,32029175	116,4151784	97,45532177	115,3344377	24,50843701	121,6485016	767,8264036	85,31404484
ENSG000000120860	WASHC3	91,0853931	93,06895491	67,2169387	31,3228468	141,2649029	79,02027082	51,24293929	62,31488759	51,0307458	767,5684729	85,28535858
ENSG000000175416	CLTB	49,43146181	86,26834333	95,43210853	54,52405498	72,2702988	93,286783281	114,8110955	107,9327917	117,1673332	767,4470547	85,27189496
ENSG000000160014	CALM3	84,19840902	135,4968983	59,05276714	61,48017945	147,4856909	63,79435864	77,70469702	84,25315534	53,97506033	767,4314862	85,27016513
ENSG000000124380	SNRNP27	23,10071982	122,833631	86,45664649	154,3326523	41,83709903	101,8027998	76,19495122	54,5208327	106,2958914	767,3753139	85,26392376
ENSG000000134882	UBAC2	81,08692365	136,6050381	7,911230277	103,795772	65,92533637	104,2753201	104,345086	80,32941148	82,89005219	767,1641701	85,24046335
ENSG000000079739	PGM1	7,264574896	60,50788327	79,90990336	48,51329672	213,5150657	41,30469349	104,2354708	101,2295253	109,8577676	766,3381812	85,1486868
ENSG000000166902	MRPL16	143,0402087	71,85020444	56,18474376	102,2355725	0,661358273	87,15652303	82,66484581	116,3823408	166,1002245	766,2760217	85,14178019
ENSG000000141543	E1F4A3	86,29318376	90,79550175	52,89848408	83,55127112	166,9538196	64,45734381	64,87239292	70,21450291	86,01637403	766,0528704	85,1169856
ENSG000000101463	SYNDIG1	49,64079152	35,72268268	133,0670147	178,34695	0,148579869	109,6231655	64,31846973	0,273425377	193,1512056	764,2922849	84,92136499
ENSG000000120333	MRPS14	66,1181564	63,77934235	43,50806484	18,8994372	214,4460575	51,80708062	49,04661397	106,6205601	49,79311217	764,0184251	84,89093613
ENSG000000044415	CTNNA1	66,05739556	76,10009651	99,26061745	92,52405498	0,12201049	101,8198658	113,785376	92,31960114	122,3893009	763,8714804	84,87460894
ENSG000000140374	ETFA	57,52689974	113,053313	80,58274675	99,48415779	52,51549993	80,56535853	80,99604782	142,533965	66,39222075	763,6492093	84,84991215
ENSG000000090238	YPEL3	81,08951403	73,92660612	70,9587678	71,77557459	136,715292	67,49081618	60,74326038	97,85267608	103,0013891	763,5538963	84,83932181
ENSG000000068308	OTUD5	51,02926565	47,17865926	139,9961022	51,8673641	236,1457781	65,77031259	64,65634313	50,31951794	56,08508634	763,0511293	84,78345841
ENSG000000152315	KCNK13	52,48270148	84,69491746	56,95616707	0	149,0439778	105,0984431	120,9207306	50,81387845	142,8964086	762,9072245	84,76746939
ENSG000000125991	ERGIC3	94,73317516	88,97925652	48,73436865	94,05290917	93,42312645	73,73803409	75,19454528	115,5311811	77,62152652	762,008105	84,66756722
ENSG000000108828	VAT1	152,8544895	65,44954763	108,9143031	70,69184684	80,29893114	52,51122407	78,08410448	101,34211654	51,85042904	761,9790412	84,66633791
ENSG000000125901	MRPS26	114,2253133	65,97982286	0,27360246	74,73629686	46,24476411	127,8621866	114,4793285	84,88525799	93,28910075	761,9756734	84,66396371
ENSG000000114942	E4EF1B2	43,55772063	87,5137076	62,27334854	11,15956889	123,76897902	90,53605883	85,96191937	73,16149137	83,46110139	761,9300072	84,64777857
ENSG000000120656	TA1F2	97,95997677	115,8850749	38,42001368	71,01182877	135,6871159	59,06615311	65,98332821	84,27000524	93,51968772	761,8032052	84,64880058
ENSG000000172725	CORO1B	77,38495152	62,61848097	110,8371936	68,27381629	28,38154408	112,0325608	133,4079145	53,0357158	144,7268356	761,6496989	84,62767432
ENSG000000109884	HATT1P2	61,53552337	98,45614376	29,71614215	72,71275956	142,6454541	87,13716023	114,8387737	100,2999456	35,88027244	761,2816948	84,58685498
ENSG000000116658	MFN2	84,62565692	37,20450031	173,7864725	70,03870574	0,072213461	69,625967403	102,0313739	70,29957218	149,4470267	760,0324409	84,44804899
ENSG000000105701	FKBP8	95,0040447	79,99553816	68,82941082	73,03271274	60,89329026	99,75822189	107,8448437	54,50587935	19,1920122	759,8199337	84,42434707
ENSG000000113712	C5NK1A1	55,30012198	46,71802542	110,7019528	69,14749093	93,82736698	77,8781371	103,8337298	84,7533377	84,7533377	759,5925965	84,39917728
ENSG000000007189	FAM50A	64,68095709	105,4916019	28,64763559	68,40340831	0,28144008	156,5488514	104,1325091	89,34163463	111,857468	759,385506	84,37616734
ENSG000000155228	CBR1	128,7215351	91,16828003	32,5638302	61,90138097	72,32346772	112,5135998	104,1206066	73,12491733	761,9000196	84,10000218	85,10000218
ENSG000000095015	MAP3K1	142,2676449	84,8792102	30,30812602	214,1480921	0,231958108	71,52093937	89,89257993	65,35270932	77,69013643	756,2913338	84,03237042
ENSG000000169032	MAP2K1	34,89331613	128,0433334	68,70005639	99,58796006	37,16326788	74,77508949	100,736755	130,2750809	90,2287009	759,3923959	85,3923959
ENSG000000186469	GN2G	53,63134221	49,0970146	150,2548019	60,25352212	188,9848491	45,09937921	49,76327637	72,3651149	84,78027588	754,2332226	83,8036914
ENSG000000079999	KEAP1	187,2705309	54,85916654	38,04429566	40,45843155	59,90317807	78,05644541	102,5394261	104,4110346	88,2679956	753,8105045	83,75672272
ENSG000000191131	PRPS2	172,9169547	108,4040356	150,7825337	99,15150594	0,260418812	80,66935582	71,85018394	53,67465056	15,97013262	753,8105045	83,75672272
ENSG000000155307	SAMSN1	100,2546505	61,59250185	125,6673774	87,76674941	0,069206057	116,3133937	105,3612007	77,36693635	78,63978042	753,0318529	83,67020587
ENSG000000119392	GLE1	90,82914936	78,45833402	98,61268053	70,4841732	0	69,71348871	71,43306662	132,567313	70,92413354	752,8863392	83,65403769
ENSG000000123642	GSPT1	83,94197829	58,2627887	98,40095135	127,2600671	0,089177438	104,64685	83,45475149	126,0771574	69,87127756	752,0049993	83,55611103
ENSG000000102894	GLP1R2	77,06391787	97,16307499	211,9201065	102,7511537	0	59,1412825	71,05193923	69,87257958	62,17189714	751,2534123	84,47260136
ENSG000000143418	CERS2	84,69871133	60,62642121	101,4591447	110,2399699	74,46817254	83,41972364	70,21907685	85,02784414	81,03727274	751,196792	83,46631022
ENSG000000174123	TLR10	5,194697144	133,8802874	16,01459247	205,7538467	0,085139294	142,0742065	89,03098712	0,313356091	158,749412	751,0963862	83,45515402
ENSG000000125652	ALKBH7	122,4921918	65,256882	99,18777548	49,41769418	104,3043448	11,1130303	88,85090299	69,83566797	84,022632	750,6967424	83,41074916
ENSG000000048454	MRPS10	66,84843817	126,1544267	0,264742951	76,41667113	179,0457451	77,02991061	61,48046268	107,1552098	54,95747159	743,2614533	83,2614533
ENSG000000156976	E1F4A2	84,92266165	98,94571031	47,524167	91,43365831	79,43937805	39,89432138	93,13050744	135,0307654	78,58306564	748,9042341	83,21158156
ENSG000000117798	STX12	105,113483	121,6197864	55,06945923	82,1044352	15,30572004	119,249591	89,48962643	39,72864966	121,20805053	748,9026646	83,20989607
ENSG000000063322	MED29	7,880603424	52,02024721	179,1829999	49,53341891	166,9639056	81,15990662	49,04303199	93,1420515	69,15332133	748,0794865	83,11994294
ENSG000000169251	NMD3	165,3867798	73,52014174	53,20958149	169,34478167	45,28613083	63,82224485	63,00574281	39,36168601	74,7737394	747,1793863	83,07931819
ENSG000000117362	APH1A	126,5708753	93,65282065	40,74053279	82,49542243	135,6643293	101,5145337	98,92372919	44,71760632	62,55530796	746,8351576	82,98168418
ENSG000000179958	DCTPP1	46,4468782	113,8034675	72,26427123	102,137017	0,681743462	102,8414707	96,90023743	12,54021129	70,17733963	744,780136	82,75334844
ENSG000000105220	GPI	105,7773995	101,1056025	77,0692016	56,84416103	74,71527894	68,91192118	92,23479181	47,61599245	118,8338858	744,7056898	82,74507664
ENSG000000165389	SPSTSA	23,55780872	36,16190009	113,7191314	267,8945746	59,89789211	54,84647164	58,1631817	85,13331079	43,84358226	742,738263	82,5819807
ENSG000000138130	ATAD1	45,09169091	63,23854156	156,024354	76,21546525	177,7514893	59,03626797	58,11700596	34,04121655	73,35564329	742,8715928	82,54128809
ENSG000000103313	BIRC9	50,41464758	5,384139896	118,4420942	159,56585	70,3668835	79,98994858	46,64993588	44,76761352	67,00644691	742,6803261	82,52003624
ENSG000000174080	CTSF	79,69069828	77,62733978	155,9750641	19,49152822	80,22970223	51,74353958	113,8519088	69,15807816	94,68255664	742,4503958	82,49448842
ENSG000000144744	UBA3	98,37276069	63,86821142	119,3567741	14,23512769	133,641404	62,38819543	65,1797901	103,8104705	80,88352053	741,739859	82,41553989
ENSG000000060982	BCAT1	15,50157497	73,14885574	51,18827578	194,8497349	85,28845005	71,10245652	73,11683298	59,40066417	118,0202751	741,6165202	82,40183557
ENSG000000198399	ITSN2	39,0										

ENSG00000127337	YEATS4	4,921062941	102,8304245	64,14925361	87,46669278	235,5133574	50,49047309	28,81379326	96,66277916	52,6965153	723,544352	80,39381689
ENSG00000146232	NFKBIE	66,45118082	78,22972726	189,98711734	38,51849102	44,24617531	96,29370163	71,26675967	42,76061432	95,76748339	723,5213068	80,39125632
ENSG00000155463	OXA1L	32,22484446	111,0848446	69,23231284	109,5497514	149,3328451	64,0473118	71,23098901	56,35830849	59,71719473	722,778328	80,3087092
ENSG00000202280	RNF10	90,51267063	119,8003919	47,02104047	44,66852955	8,945704869	103,1457619	113,6676143	70,11933534	124,8636634	722,7465125	80,35160805
ENSG000000086232	EZF2AK1	20,05819483	102,9212193	15,7920231	123,1506654	14,45101545	77,54478776	123,5969585	106,6752528	137,7267563	721,9198734	80,213131926
ENSG00000185608	MRPL40	84,43735704	180,9446779	15,70269261	66,2628765	0	87,38801368	70,23784489	142,4315922	74,43318729	721,8382421	80,20424913
ENSG00000138185	ENTPD1	81,23330602	54,75375894	123,835205	90,1375348	74,00665471	89,58292084	71,63110351	61,16172544	94,9656984	721,6979522	74,18866136
ENSG00000181061	HIGD1A	49,07710474	77,64111644	62,56626705	154,3800357	65,82034955	108,1637909	62,77261983	89,75983774	51,14940106	721,330523	74,14783589
ENSG000000081320	STK17B	39,67365709	62,84960983	260,3258649	150,5217896	2,679981659	24,81330891	60,86304748	81,1743767	60,86305624	720,172017	80,019113
ENSG00000143401	ANP3E2	61,1987332	56,15733982	178,2002798	86,78530778	26,59760993	75,47665625	83,1828276	64,43703217	88,10310862	720,1388952	80,0154328
ENSG00000159199	ATP5MC1	64,95154165	112,8964979	108,6407882	89,00726476	38,31502651	71,94745468	67,1254281	94,64454725	71,56690169	719,0954508	79,89949453
ENSG00000112685	EXOC2	138,7249548	39,06597877	120,216644	7,268529353	126,2308956	76,03957694	72,84319675	51,71731407	86,62906028	718,7361506	79,85957229
ENSG00000186635	ARAP1	98,08170653	56,0800517	100,6511423	53,39139884	81,57075802	76,79959558	90,30649558	51,26552201	110,1206315	718,267302	79,807478
ENSG00000098600	FKBP5	60,8821475	61,10650397	139,2777594	135,8197478	56,90195157	47,67509421	44,84962281	116,3112267	55,41471858	718,2387725	79,80433086
ENSG00000116711	PLA2G4A	38,63055922	55,3249707	2,220751051	178,8206686	79,58214381	83,61800861	102,9824225	90,90106894	85,79021469	717,8693345	79,76325939
ENSG00000136936	XPA	126,7086455	156,2333094	0	146,482318	12,34282879	66,34612805	53,18627821	67,42091102	88,41143886	717,1318568	79,68131743
ENSG00000138385	SNB	113,1385832	108,975795	64,8473559	43,47195263	90,8069908	57,94067429	63,0579033	113,6318319	70,89470536	716,7685007	79,64094452
ENSG00000167635	ZNF146	103,8384023	43,52618574	4,089914626	101,37097969	3,37809555	80,31416484	67,51671749	236,628131	75,8895172	716,5719796	79,61910885
ENSG00000143207	COP1	101,3674455	57,71119418	53,24014345	113,8193736	15,3895236	89,6878339	64,82283732	152,204	68,11851223	716,36086	79,5956511
ENSG000002013523	SRA1	86,36796751	54,87593936	49,4405123	61,16143692	172,8966966	101,5689308	72,5259899	44,5639081	72,5259899	716,240522	79,58228022
ENSG00000126261	UBA2	147,3131918	54,35235557	118,7549457	84,64806445	103,1484031	42,14094911	54,27927343	50,98917625	59,63299624	715,2593485	79,47326095
ENSG00000107852	TNKS2	57,54402859	70,10697599	38,29908445	39,00229595	123,2920367	91,03552515	71,70020414	146,5833575	77,14327767	714,760825	79,41186472
ENSG00000099817	POLR2E	64,15208083	62,21775361	97,492815	83,42417976	7,15285454	99,85259694	110,6045452	56,99487047	112,6527585	714,5430185	79,39366872
ENSG00000165475	CRYL1	199,9674434	78,01959282	35,65494683	50,17284467	48,468834	52,95181568	75,363391	124,9343546	48,53398895	714,6270132	79,34080133
ENSG00000163399	ATP1A1	98,90609428	93,74099879	109,4806876	77,30875433	53,63403036	67,87354498	86,21020476	64,38665147	62,49367047	714,045697	79,33841078
ENSG00000102178	UBL4A	77,87329214	41,13246215	139,1519796	74,27780054	189,2514582	67,0085346	41,7097492	33,62091522	49,94399744	713,9701982	79,33002202
ENSG00000115541	HSPE1	41,86003192	75,45630611	51,23494968	241,1823545	45,35368655	66,98309624	59,53474338	70,14710786	63,87184034	713,7517986	79,30575539
ENSG00000066242	ST3GAL6	33,23567418	95,73454043	111,3603001	72,78625087	37,69363517	86,72838194	72,4726854	91,17429622	112,3118296	713,4973239	79,27748044
ENSG00000142875	PRKACB	59,38892413	54,50494147	72,28308666	38,38419389	87,83171987	138,0040726	72,70944087	111,7487482	77,40383387	712,2589256	79,13988062
ENSG000000081721	DUSP12	133,958406	44,89324065	102,3858411	102,1822545	0	32,48532858	58,3202054	125,0850491	106,5295044	711,8378302	79,09309224
ENSG00000100242	SUN2	94,38297779	48,55399139	71,11218436	89,59209792	68,62471144	81,81751355	86,77929573	36,918641	73,36067231	711,3881363	79,004312626
ENSG00000060558	GNA15	75,00589749	80,9659541	85,85148666	66,56986253	0	122,2900003	117,0192113	90,5438769	72,90190789	711,0852991	79,00947768
ENSG00000196209	SIRPB2	134,7207471	92,20377476	111,1111125	85,11228214	15,6231112	55,79789558	79,08569	44,04481422	92,73866983	711,0380974	79,00423304
ENSG00000172775	FAM192A	64,76167314	67,79113368	106,6645514	82,05615963	29,65797049	91,18020882	83,09847845	68,71701151	116,5899488	710,5141323	79,8460147
ENSG00000111670	GNP1TAB	65,58328635	44,36112279	143,7965398	40,9286262	83,55159518	76,18238881	82,15777827	72,11411114	101,7839609	710,4543485	79,93932705
ENSG00000104660	LEPROTL1	47,38756136	102,7852935	82,45563534	142,1400074	0	83,56691898	79,38816432	98,98213021	59,41192088	70,2908338	79,92120376
ENSG00000180957	PITPNB	90,86079156	95,51480487	54,46870725	121,0811541	0	106,2283496	76,37324557	72,22015016	93,33995737	710,0881605	79,8986845
ENSG00000083223	TUT7	49,40898838	95,39009685	120,1941863	37,27086171	124,9709772	62,16390029	47,06774345	81,73415052	91,0528809	709,254493	78,80605478
ENSG00000147274	RBMX	59,13915907	95,91478548	64,41124638	31,21940855	116,6124628	57,1745561	54,73595238	61,06466781	74,1268607	708,5129886	70,7236654
ENSG00000182827	ACB03	192,1617845	78,5224971	63,89901969	67,67730571	10,80654627	85,61337087	59,43147517	71,721518	46,52249522	708,3655668	78,70952699
ENSG00000166685	KIAA2013	100,8631971	57,69833955	81,58940424	69,50843273	33,27392041	100,1228107	72,39114248	85,60481024	70,1123967	708,1484572	78,68493935
ENSG00000123358	NR4A1	0,559285183	105,8762509	77,92588107	58,26727771	47,16032976	136,2081486	111,3323453	24,41456229	145,798437	707,3429745	78,59366383
ENSG00000000607	GDE1	85,98051265	116,8463886	38,43597268	85,83635129	46,73428665	105,8955435	81,7986538	93,03351377	49,3191796	706,7510446	78,52789384
ENSG00000131408	NR1H2	40,29615218	48,25551724	90,73395366	49,86195591	142,8400112	79,41337716	71,59327745	65,28248478	119,3037225	706,6804522	78,52005024
ENSG00000104324	CPQ	93,335582	118,7241163	64,77049372	97,03566749	0	91,82441854	69,07794281	61,53647815	110,1472706	706,4519696	78,49466328
ENSG00000159592	GPPBP1L3	81,50171906	40,36740187	147,2363312	68,34903654	44,35220017	69,01594284	92,25014992	84,82028183	78,13404485	706,0273819	78,44748668
ENSG00000140367	UBE2Q2	100,269631	70,0287778	60,69087831	90,65907329	125,5726652	56,6387353	86,64358336	43,57755979	71,98416699	705,777929	78,41976989
ENSG00000147684	NUDUF9B	127,1890239	86,20249394	56,59799385	92,7260807	35,77181559	71,07567083	69,51899788	106,55026	55,58196039	705,2108251	78,35675834
ENSG00000120509	PDZD11	70,51103441	135,8996784	0,199554989	70,86467552	46,14647529	99,3319605	94,84584321	73,0609094	44,3363026	705,1382344	78,34869271
ENSG00000168883	USP39	106,9986346	131,5951126	12,0952636	83,17178548	139,4498931	66,64963213	56,40292941	40,54155458	67,98230914	704,8853155	78,32059001
ENSG000002013420	NUBP2	116,3450988	59,81971862	72,77352757	97,93999285	70,96073339	76,09504687	65,31846102	105,7685119	70,34036457	708,29227397	78,59363892
ENSG00000149658	YTHDF1	0,18853471	10,81512665	65,81001996	56,68138631	191,3202627	98,22154541	78,66355812	48,75095148	59,17493598	704,1707362	78,24119291
ENSG00000143353	LYPLAL1	52,51105176	66,73918533	121,078717	98,48276838	128,3347627	72,4906804	71,0756794	33,81870276	59,14734609	703,6788938	78,18654376
ENSG00000163221	S100A12	23,36761402	0	679,7616441	0	0	0	0	0	0	703,1292581	78,12543133
ENSG00000128699	ORMDL1	34,84556209	100,3775893	79,84903767	52,29118657	181,0375432	65,83424431	72,1133453	60,61128204	55,74931864	702,7091091	78,07878989
ENSG00000198730	CTR9	69,61038073	21,79525096	87,48905715	34,14313792	173,3971357	98,74123404	64,90969515	46,50136375	104,6473475	701,2346299	79,91495888
ENSG00000173511	VEGFB	70,51826631	88,51289323	19,61154096	46,10695668	67,87719615	116,1910964	112,9639041	121,0524047	68,08358033	700,9178388	79,87975987
ENSG00000167792	NUDUFV1	66,09780152	58,64446354	103,0125975	67,203188146	61,92416392	90,25509126	81,72815377	59,65729527	107,3110233	700,6624356	79,85138173
ENSG00000139163	ETN1K	87,88801839	37,22102968	100,9972866	129,2410197	66,20284324	63,03427111	59,18903221	78,49940952	73,78499456	700,2579505	79,80643389
ENSG00000144147	OSBP1A1	105,9411387	56,90795468	93,61790854	85,79725559	47,9479394	44,34476244	40,59931779	118,1563885	106,7303916	700,0433272	79,78259191
ENSG00000177189	RSPGLK3	115,5562603	56,38411629	158,8337674	65,38491505	23,3430409	59,27807671	69,9094142	56,32021897	94,52425637	700,0320166	79,7811

ENSG00000140612	SEC11A	92,75195443	90,61754409	90,50044009	62,62059296	37,8603527	86,27833341	61,29586685	87,54229711	74,5145743	683,9819559	75,9979951
ENSG00000155099	PIP4P2	82,77360757	45,25129988	27,81739484	107,995054	94,41235249	87,85673168	63,65388182	135,3767841	58,70883863	683,845945	75,98288278
ENSG00000162385	MAGOH	24,27688817	52,92017463	4,078944959	201,9709451	0,790427459	82,52925239	62,32092539	158,7928406	95,71845828	683,4016522	75,93351691
ENSG00000113580	NR3C1	30,40025998	98,11286806	97,40378973	155,0912495	32,49737393	69,14600828	62,08459938	69,83094888	68,54878275	683,1158805	75,9017645
ENSG00000008666	ZFAND6	96,91838464	95,01791037	90,62809359	65,57564669	20,41945273	73,12920644	86,97458294	93,30134523	97,3444538	681,72808674	75,92808674
ENSG000000010270	STARD3NL	55,84974403	63,27361824	176,5186415	51,25079768	28,32964973	87,26713177	91,3613319	12,19706512	55,26668659	681,3146666	75,90162962
ENSG00000136603	SKIL	60,66170943	68,36208278	10,50194668	31,366878	28,1497945	68,82027006	72,151084	45,56107568	86,69016652	681,2117975	75,69019972
ENSG00000198937	CDC167	44,64634097	75,00475527	128,7844864	46,98654263	0	134,0046966	105,7284965	90,11851841	55,88391928	681,1577201	75,6841912
ENSG00000163320	CGGBP1	70,46376997	29,79816044	95,03740015	115,5050645	98,96910587	94,21259023	60,98982908	53,52324989	66,46666324	680,9960324	75,66622582
ENSG00000186141	POLR3C	68,20918509	72,32401495	108,1692283	95,08270183	132,1613813	52,92158268	43,01839954	47,20493822	61,22326181	680,3137937	75,59041252
ENSG00000138073	PREB	93,90308189	93,08167189	86,71732851	17,95349807	0,447219853	80,57923402	105,0794499	78,287891	123,8783948	679,927768	75,54752977
ENSG00000154122	ANKH	116,2462255	24,35350343	136,6799352	37,28523387	122,4592234	66,56026523	54,0031425	71,03236981	50,28616022	678,9060592	75,43400658
ENSG00000104783	KCN4N	126,73933	35,52645183	27,35703089	86,92722127	107,5031656	76,5703631	51,27180723	86,20032196	80,69364275	678,7893346	75,42103718
ENSG00000170791	CHCHD7	62,10835081	107,1013819	89,94310056	102,7103403	0	86,32101604	68,03974192	85,73498325	75,71994344	677,6788562	75,29765092
ENSG000000077585	GPR137B	112,9235474	72,7598145	96,51584711	35,96762979	0,311328602	113,6275298	84,02759555	93,95972098	67,10453102	677,1975447	75,24417163
ENSG00000168995	SIGLEC7	170,9332006	94,49938329	13,74253059	37,16694939	82,26481146	73,33198765	75,17165265	39,30278997	90,51262343	676,925929	75,21399211
ENSG00000164062	APEH	118,2248126	51,14392047	69,79342146	48,70786193	0,081156507	97,14673542	116,1415774	50,55462197	125,0316603	676,825929	75,20286311
ENSG00000107290	SETX	34,88688868	21,5114433	90,64518671	61,56232836	150,7932815	61,9995294	57,82114386	96,67272744	80,25642997	676,1490489	75,1276721
ENSG00000134851	TMEM165	64,44259871	74,41625315	139,3450184	97,92466059	73,41824843	77,23504571	75,30356191	78,29536432	54,58318688	675,8701745	75,09668606
ENSG00000162236	STX6	98,35242725	98,01380154	99,14664585	70,63857753	72,07808892	56,38166253	74,65957283	39,52916847	66,94427127	675,7442172	75,0826908
ENSG00000166401	SERPINB6	93,40116561	63,79110977	162,676152	33,88419404	29,19207016	57,0808808	73,70419809	72,75416858	88,8060689	675,717946	75,07977178
ENSG00000111335	OAS2	115,6970461	35,95773948	13,75699724	92,06039174	183,5718982	50,61543935	23,29117983	69,31529721	40,8541924	675,1201807	75,01335341
ENSG00000152332	UHM1K	33,28223355	32,29997709	74,60495304	195,756615	119,446968	66,43240328	42,04504313	60,52726615	49,79754349	674,2940493	74,92156103
ENSG00000124570	SERPINB6	102,7931918	79,4615184	62,85664688	48,46697657	61,41104992	75,33277737	66,69383529	99,64851248	71,51733453	674,1818434	74,90909371
ENSG00000197872	FAM49A	96,607584	16,73426579	133,938649	79,79399187	50,5858205	73,36244113	73,4904239	35,66364275	113,868519	674,0180995	74,89089994
ENSG00000171310	CHST11	40,78030188	50,0597819	52,71002801	95,0265132	116,6080981	71,91502816	86,37198301	67,7971109	112,1892361	674,8704683	74,87046893
ENSG00000182782	HCAER2	69,9190305	94,65373382	77,79647821	136,5105937	44,82403259	24,34865119	29,24174485	145,1592127	50,74307755	673,1965554	74,79961727
ENSG00000167565	SERTAD3	72,12095418	110,710144	86,34230347	28,09851729	0	89,86822905	109,1075885	89,76905025	86,78871684	672,7973585	74,75526206
ENSG00000184743	ATL3	79,75059196	64,53529371	12,72856243	145,608525	111,6572043	67,04097119	64,98042457	58,91300513	47,51313063	672,7277665	74,74752961
ENSG000000062485	CS	72,45092038	65,89398002	129,8051111	80,7697562	59,0827839	64,04702938	72,38899173	46,97632502	81,1790152	672,6138758	74,73487509
ENSG000000064419	TNPO3	60,49539419	39,45288624	172,1621828	39,95497045	0,076800159	68,37247248	60,91053329	142,886804	88,03465501	672,3472386	74,70524873
ENSG00000151414	NEK7	47,01771881	33,1858911	91,08002141	95,48959381	0	68,84041714	63,93143613	97,90653852	74,68191645	672,1068776	74,67854196
ENSG00000158019	BABAM2	100,9037272	87,82599118	70,56039659	18,8470132	61,82919951	70,48264771	82,08097486	89,03808806	90,40296368	671,9709751	74,66344168
ENSG00000130560	UBAC1	48,18900374	75,87905541	11,01096062	13,1541563	107,3367195	92,22823599	113,2560331	46,03234156	63,6963586	671,7814015	74,64237794
ENSG00000000938	FOR	120,1020739	36,62968777	137,6749455	12,99109492	100,2386044	47,87957506	47,78408859	52,66239585	105,4522402	671,4155189	74,60172432
ENSG00000134046	MBD2	75,55528533	79,98044885	51,96849195	88,5930669	64,8003163	60,51860198	61,41117375	134,5913575	60,56517864	670,9828609	74,55365121
ENSG00000069974	RAB27A	77,61845839	69,7753054	111,0828916	120,6178091	135,814755	27,95280821	38,20317444	61,03868952	28,62494177	670,7288334	74,52542593
ENSG00000172893	DHCR7	163,7152264	79,47574185	0,200466418	60,52398314	70,101065549	73,70258311	121,7001898	18,58694442	82,55874355	670,4799382	74,49777091
ENSG00000128805	ARHGAP22	102,166162	38,8199092	66,39064726	57,47263041	16,4245652	78,29570338	50,98933486	35,26937312	99,3482997	670,48733168	74,48733168
ENSG00000155304	HSPA1A3	47,6175259	46,74567979	232,9999337	0,341152389	0,086471838	63,91931681	79,27622229	56,49134191	42,8019478	670,0525924	74,45028084
ENSG00000121579	NAO50	70,36804766	61,47523954	60,76842394	48,66971974	0,111561834	101,845076	80,06090791	126,9796707	81,9248882	669,3168284	74,36853649
ENSG00000196843	ARID5A	60,80916814	61,29390286	73,30056527	3,297409115	48,40674539	118,9002504	125,1179862	63,09899701	114,8167225	669,0417407	74,33797119
ENSG00000173744	AGFG1	68,2032154	46,14309282	83,74295869	39,22009298	201,2306538	37,66406827	45,33677483	105,9622405	41,47202729	668,930615	74,32656239
ENSG00000197992	CLEC9A	86,05427118	87,84771161	0,0972979	82,0159632	51,78733897	109,058475	55,37909998	0	196,5146461	668,75475	74,30608333
ENSG00000009314	ECHDC1	68,10092314	94,43549298	104,2670244	52,6834853	31,06531242	76,67079681	80,186160579	95,41618326	65,1246486	668,6256922	74,29174358
ENSG00000141552	ANAPC11	63,11596222	62,99039784	59,84821103	201,2119271	65,9021266	69,75083346	89,95104258	76,72121198	78,50134949	667,9930623	74,22145136
ENSG00000130312	MRPL34	80,21567233	51,8471483	70,23696451	73,51370874	0	123,6948962	107,3865297	83,29495739	76,49910209	667,8688194	74,07653549
ENSG00000100380	TT18	49,86167077	65,25453562	97,7804599	132,0619359	55,05069658	72,64097513	68,8353442	66,54341184	57,86719556	665,8962255	73,9884695
ENSG00000177839	UBE2N	69,71796063	100,6996158	31,00080378	121,7901066	40,04938665	55,28494864	66,76016321	90,12860894	90,33252199	665,7641161	73,97379068
ENSG00000120805	ARL1	78,35703147	50,58565392	98,0675486	109,079808	73,39686718	63,93439533	70,07015907	31,46958891	34,98509001	665,5183171	73,94647967
ENSG00000005973	ALDH18A1	42,73225236	45,79600002	140,7278873	102,702692	0,095535393	66,99381396	66,45688508	45,00731539	86,76792939	667,1998758	73,91998758
ENSG00000127870	RNF6	81,78606705	119,5229987	12,1405086	102,0700333	0	75,93340892	85,13452964	80,04223202	90,62214481	665,2465431	73,91628256
ENSG00000133935	ERG28	83,50394239	72,40750553	47,19221582	59,65926878	94,9281464	84,56209416	71,67010229	71,6589966	78,77125689	664,3535287	73,87105874
ENSG00000105881	HMGN1	67,63334165	70,35935464	86,00732932	68,72702227	59,54428112	67,98319149	63,00890135	61,14546836	99,92660093	664,3354911	73,81505457
ENSG00000148943	LN7C	63,91459081	105,1081198	128,76132	41,49523553	97,30735555	96,59271287	28,2450768	25,86425053	76,57245187	663,314208	73,75704675
ENSG000000088448	ANKRD10	36,49437848	70,57605569	79,44029127	130,0386001	32,74006084	112,388669	53,20734	47,36011553	101,3338039	663,5793359	73,73103732
ENSG00000114354	TGF	54,33563187	79,17494153	48,72447648	19,34013233	172,1490943	81,5594601	65,952354	44,34919075	97,87470093	663,4599283	73,71776981
ENSG00000143390	RTX5	50,61182655	30,87199652	147,2942958	69,24506413	160,7650053	64,685589	40,68346788	22,48050263	76,632309945	663,2700578	73,69667309
ENSG00000161638	IFGA	64,5950103	46,85130436	169,9206538	95,86260473	54,62936638	78,56553499	15,84367288	80,83039145	663,1511773	663,6834614	73,6834614
ENSG000001007	ELOA	46,92248104	26,80922613	98,12578897	52,27411845	23,81894286	60,93543719	44,1042996	45,54125091	74,359293	662,9703239	73,66336932
ENSG00000113407	TARS	130,2066775	57,39870726	115,0229581	69,81893137	80,97266456	113,8567861	64,88558442	19,82145097			

ENSG00000138663	COPS4	147,4239134	88,65379083	39,44417557	50,63572698	0,302117955	88,72447273	66,60553519	82,46964809	82,70847752	646,9678583	71,88531759
ENSG000000174173	TRMT10C	31,07321512	171,8274453	0,295409244	63,50064738	1,979189359	96,88401902	59,73507836	112,5443984	94,30575386	646,9578603	71,8842067
ENSG00000015241	PPM1G	108,7088311	37,51974419	108,9654155	136,6387915	0,269675515	64,57845977	24,06920129	72,70683819	92,71392212	646,1718789	71,79687543
ENSG000000062194	GPBP1	60,37885286	52,49318821	137,1860995	101,398557	0,776830283	59,60168276	48,99003847	83,98715444	100,733869	645,5462726	71,72736362
ENSG000000106245	BUD31	109,100498	73,64304299	81,38002055	59,3536406	0,20775232	79,81039536	64,42642574	97,84983194	52,68511882	645,3258714	71,70287471
ENSG000000241837	ATPSPO	63,20902733	78,75085239	55,68371068	52,82781977	62,19417374	94,44725387	60,71419332	94,02270659	75,15938219	645,1091199	71,6787911
ENSG000000101017	CD40	89,21922099	61,65037675	34,21142489	20,85827656	80,00917149	108,33611794	100,3961264	85,77961072	68,39622703	644,0564322	71,65620403
ENSG000000146409	SLC18B1	83,10017824	88,34354926	159,9069768	0,733994033	1,136447919	78,93003174	60,35281792	111,0743483	59,72704689	643,3054003	71,47837782
ENSG000000159479	MED8	94,89117936	81,51358139	95,19584751	66,00574062	0	75,71510786	73,08275625	56,94619396	99,59009274	642,9404997	71,4378333
ENSG000000107021	TBC1D13	15,7835255	77,48901351	104,1629829	99,43540879	2,832013181	58,37047255	48,57945696	27,40312109	108,7847489	642,8407434	71,4267492
ENSG000000130826	DKC1	160,3504985	58,88533573	128,5732364	50,10100512	0,170886292	37,18481162	49,8239315	62,18742396	95,37733727	642,6544663	71,40605182
ENSG000000159256	MORC3	59,11894517	58,66652374	75,56824788	69,63152412	128,112157	89,47986159	44,36887833	30,8860003	86,65877162	642,4929097	71,38810108
ENSG000000101557	USP14	75,66886435	79,22866223	90,7718546	56,39717006	0	66,75773831	71,29615324	109,500949	92,75253191	642,3741238	71,37490264
ENSG000000167862	MRPL58	15,41109611	31,46070398	0,250884566	49,6906856	151,0368003	75,46834897	101,1236521	119,8869099	97,95520669	642,2848281	71,3649209
ENSG000000134825	TMEM258	37,33435872	96,83876666	48,2025465	110,3105157	72,57264546	54,18591847	57,00966193	108,672907	57,12296953	642,2502899	71,36114332
ENSG000000243317	STMP1	65,54045829	94,12686343	81,29819271	49,3946628	82,75570443	79,22280477	31,91432239	102,9343191	54,95542683	642,1427547	71,34919497
ENSG000000112733	TENT5A	79,28748925	54,44350208	2,066595813	50,82477037	169,3245442	31,54850054	29,9113975	179,9293465	44,76527289	642,1014245	71,34460273
ENSG000000116514	RNF19B	56,68093819	89,58613949	3,408185122	66,98330766	0,137592928	137,2417376	79,4645436	36,96815851	171,4629893	641,9336014	71,32595571
ENSG000000180530	NR1P1	24,06173969	40,70885991	82,99817714	72,01277103	95,77031317	79,45041033	83,87330655	94,30432226	68,63438706	641,8142868	71,31269854
ENSG000000008952	SEC62	132,1455079	102,819334	65,35758129	90,05021323	28,3108557	58,26123178	54,56883259	57,93441585	52,15798588	641,6059882	71,28955091
ENSG000000139793	MBNL2	99,60120132	36,76845274	148,2787081	75,97312117	45,14578721	54,24641868	57,00872868	37,09646248	86,8646948	641,161777	71,24019744
ENSG000000179021	C3orf38	28,60853701	71,91043513	17,40041123	153,8867816	40,2202832	68,42093129	61,09893123	116,0931512	82,85823776	641,0947696	71,16641107
ENSG000000122223	CD244	30,18026974	47,14992594	184,9351853	56,26946666	142,5779928	65,87034665	27,49142269	40,60376306	50,0943901	640,1730118	71,13033464
ENSG000000196676	CD247	106,6846506	58,62754718	121,42203116	20,20121279	52,89869486	55,4715601	58,58738643	98,47175007	67,7838373	640,1486709	71,1276301
ENSG000000125657	TNFSF9	10,26516117	103,7122057	0	69,62542414	193,1850182	75,44159026	91,76073852	52,78055209	42,42396133	639,1944714	71,02160793
ENSG000000136819	C3orf78	66,08675956	106,5942016	32,05575568	64,63245203	53,17390557	73,9587918	67,20130941	53,78715259	121,6986738	639,0261259	71,00209288
ENSG000000144827	ABHD10	76,75378292	11,25381164	103,0712727	105,0293454	129,832978	73,33135762	34,20787307	34,61591471	71,12038096	638,9167169	70,99074632
ENSG000000132463	GRSF1	21,07656486	42,63374614	154,72884	67,54349819	90,39392573	75,74924469	66,96832999	46,81441132	78,62922278	638,9834263	70,98832623
ENSG00000016864	GLT8D1	75,65514693	53,44410998	46,95460831	34,23492654	74,04485109	69,95172346	80,03169736	147,6168171	60,67154507	638,7197989	70,96886654
ENSG000000182247	UBE2E2	102,5742843	101,3495681	33,62178303	41,06042488	3,656550107	88,8678683	89,54423879	71,47011164	106,1406704	638,2854995	70,96261106
ENSG000000126561	STAT5A	85,14085334	37,46718249	163,4532928	34,23807887	4,743297396	84,24743396	84,38828378	73,56390079	81,0050535	638,2293762	70,91437514
ENSG000000077721	UBE2A	101,4562234	94,49598044	32,24505805	79,7885146	0	80,8363967	68,00024523	104,581557	76,41586406	637,8101721	70,8677969
ENSG000000171566	PLRG1	85,9055308	79,02569813	122,7214236	36,6672912	102,4720245	50,94761478	56,74311326	25,23558113	45,76679035	637,3945059	70,82161177
ENSG000000125884	RRBP1	47,08674659	20,01461861	86,34109665	44,33551574	98,52580138	57,23677202	122,4144643	90,23041342	70,58440266	637,708234	70,75231371
ENSG000000158195	WASF2	53,65076941	47,01098963	97,7162925	92,64316912	91,28071311	62,87721733	69,72537196	75,0856407	53,09433298	636,7497201	70,7496989
ENSG000000129899	ARPP19	34,3423185	109,0090074	87,6901223	46,73968968	87,6901223	98,84595729	113,7341306	78,34504709	67,65383014	636,4639393	70,71821548
ENSG0000000091140	DL0	83,90753561	19,1304759	76,16398032	87,81367138	1,126201622	56,81022687	67,01424044	153,1708648	91,13837868	636,2809738	70,69788598
ENSG000000107263	RAPGEF1	30,49403547	34,96338847	48,98992319	69,05348585	71,75170548	121,0327372	100,5626254	31,71265772	127,6666341	636,2271929	70,69191032
ENSG000000160710	ADAR	60,62510564	35,22286308	21,71405788	88,63307401	90,71507003	101,2480808	100,9355803	80,36676046	56,5920157	636,0251851	70,6731389
ENSG000000174851	Y1F1A	53,87140174	75,58286361	92,58100525	63,98192341	7,503948646	100,7491093	88,87258911	80,3188501	72,27805054	635,7397616	70,63775129
ENSG000000182512	GLRX5	24,74214118	96,90391377	50,75348541	67,4753112	106,6224194	72,39481673	77,49947224	95,06220598	70,88973609	635,6346213	70,6260904
ENSG000000164488	PLAAT3	49,85290971	61,95835689	67,1755024	111,8771265	71,10896137	68,8986798	79,28468668	53,65850166	71,57118958	635,3859624	70,5984027
ENSG000000176885	STAT6	33,4718227	64,29575323	53,95235797	131,778128	58,4002873	60,22507166	67,46334689	67,64314169	634,9934184	634,5548247	70,55482427
ENSG000000135972	MRPS9	24,53791115	82,24585131	179,9499383	70,47669626	76,71473473	57,14798432	42,25791389	42,99804651	57,91820107	634,3040502	70,4782278
ENSG000000109113	RAB34	90,1264984	127,7794454	97,87794584	45,18764925	0	68,86569805	75,17583622	76,33108538	92,89001845	634,234177	70,47046411
ENSG000000132205	EMILIN2	88,34443936	63,60571173	157,3172271	44,89420725	0,832704148	53,01239172	88,81863455	115,2868788	42,00148641	633,9136865	70,43485406
ENSG000000162961	DPY30	90,3890753	56,28521984	66,00114644	99,26291596	67,121098958	65,08565376	62,48192313	51,89944767	72,63159494	627,6356266	70,21736296
ENSG000000072849	DERL2	54,4910326	66,97897907	136,9649712	19,86752274	156,8009698	55,70207831	40,13949835	50,99139104	63,21052794	631,0059418	70,11177131
ENSG000000185963	BICD2	61,96283326	69,44744729	66,17547322	51,67710338	73,34953525	61,35999434	80,98751889	46,89014102	98,94713259	630,7917193	70,08857548
ENSG000000175602	CDC8B5	29,0520979	38,53221655	9,484885627	55,88161796	70,6924296	104,2310949	124,2353877	49,65191336	105,4837544	630,3563978	70,03948864
ENSG000000125445	MRPS7	73,32544112	65,36313858	21,05530055	50,8232147	31,70270132	104,2239571	76,7831668	102,7952442	104,5700901	629,0286712	70,02981791
ENSG000000101109	STK4	88,79318027	54,87925954	138,7796797	52,17846563	32,08934675	64,22403514	68,40963459	29,85200594	100,392126	630,1350217	70,01500242
ENSG000000101997	CDCD22	57,20140868	85,56585563	130,1749646	64,7393515	54,5766967	46,92086114	38,93734276	31,89675522	120,018157	630,0313952	70,00348835
ENSG000000113328	CNGC1	40,90137539	22,08531951	6,464653465	128,5290169	2,899580596	69,66529384	60,46567679	203,2129898	95,62451873	629,848715	69,98319056
ENSG000000145015	NCPB2	108,0332665	55,61152809	61,45911033	88,8875794	0,10527311	81,54321438	54,10615647	117,7953007	56,76118593	629,337878	69,92643088
ENSG000000163694	RBMA7	110,0963603	28,21391129	143,3822912	11,75795473	44,7415666	62,57245942	58,91701451	116,1780713	63,68897673	629,2304061	69,91448956
ENSG000000110755	HPF5	71,78515528	70,69311863	1,72846323	88,91177745	125,2696666	68,57705945	41,60239673	56,27768188	108,1913922	629,9977914	69,88864349
ENSG000000147400	CETN2	96,56028167	124,7527874	53,5606707	128,4373915	4,656607136	70,82178663	86,94417197	0,342774448	60,92064243	627,7925121	69,75472356
ENSG000000131501	RBM39	79,55586679	70,38278203	58,61896022	99,83998232	52,95228852	50,3015861	55,13504452	64,22655803	91,47522774	627,2175691	69,69804101
ENSG000000074201	CLNS1A	10,61023851	40,99209148	44,07001569	136,1498692	29,95253021	66,94954238	58,49999582	82,96843562	85,8406955	627,0334144	

ENSG00000243449	C4orf48	38,61714584	67,53205928	57,65513164	67,64980823	87,78428813	76,50321037	123,1468073	47,72943753	40,26674649	606,8846348	67,43162609
ENSG00000174801	JUP	86,16543669	25,01284137	133,9839328	34,68925097	185,8080849	21,25078815	33,76680323	51,0829643	67,637229736	606,4323998	67,38137776
ENSG00000143625	DYLNLT1	61,45743155	103,6065093	37,37152025	69,09961061	1,824166317	53,03744816	53,83369815	164,6018452	31,36144911	67,35485319	67,35485319
ENSG00000185236	RAB11B	69,17447951	54,92904549	57,78711456	48,39237072	88,49626747	67,47078022	65,85969787	67,54660713	85,80008347	605,9964465	67,3329385
ENSG00000108671	PSMD11	74,26456254	50,46354456	118,4839643	97,66181426	6,439069304	69,49833137	47,43887464	75,20267159	66,38312881	605,8359595	67,31510661
ENSG00000115539	PDC1L3	26,23721397	103,0911476	82,19646531	71,5356598	1,046655457	73,4251769	67,32154889	105,6872964	74,84810982	605,7491224	67,30545804
ENSG00000015537	MYNDN11	89,69695383	36,22446643	125,5851881	50,0250974	67,06758027	71,76255997	88,56311547	42,33303233	106,5636467	605,7221782	67,30136427
ENSG00000120053	GOT1	0	30,1991609	91,85728518	16,03931981	150,0767617	75,90545774	84,37155163	83,97182079	73,06589578	605,4872654	67,27636171
ENSG00000119321	KFKBP1	67,75766716	54,39751023	134,7384704	54,80652911	63,00936819	65,69903978	61,65892507	44,32988026	67,61122459	605,0086158	67,22317942
ENSG00000135241	PNPLA8	5,593728158	47,92807828	120,0513384	62,6924679	95,08106628	87,47374139	66,21860991	62,73189304	57,23142507	605,0022884	67,22247649
ENSG00000159140	SON	73,81192912	84,22825752	49,05147464	72,12703952	91,268916798	60,71924821	51,37561111	67,37918792	54,85997458	604,8418906	67,20465451
ENSG00000132591	ERAL1	56,32916362	47,16426252	24,69555344	71,52414036	0,160320331	95,62078327	106,6497822	102,5232252	99,72657133	604,3938022	67,15486692
ENSG00000171720	HDAC3	62,77152773	66,48292974	55,5960198	130,6372931	0,545297787	75,82941109	57,15568269	60,78275776	94,37455719	604,1574769	67,13068055
ENSG00000136986	DERL1	58,04088787	46,30982774	110,9282103	42,10081126	69,97472964	62,03156448	68,804897	60,43525166	65,18258094	607,08986233	67,08986233
ENSG000000007080	CDCDC124	56,40498098	53,75754728	116,4805231	64,88027966	39,99804054	75,61367042	66,0965292	52,71833859	77,76239192	603,7123534	67,07915038
ENSG00000163599	CTLA4	0	31,57560001	271,2254424	183,1422111	0,167811936	30,31356799	44,5995716	0	42,64048712	603,6246777	67,06940864
ENSG00000156135	NDUFC2	56,97826904	105,6493458	51,44201658	69,14346773	66,0656579	67,74802003	58,26576234	79,66602301	78,06845658	603,6228269	67,06920299
ENSG00000198728	LDB1	95,9200074	16,81894266	37,26328209	67,80568336	170,9348015	42,33990345	64,71390953	47,72943753	59,28437449	602,8103421	67,9789269
ENSG00000158042	MRPL17	70,70777217	64,67924343	54,96091588	77,84483645	97,35304202	57,58759033	70,28764205	48,34565509	60,83298694	602,7995881	66,97737201
ENSG00000112062	MAPK14	110,1168721	50,26685308	106,2888921	48,11701791	78,94303992	60,7092768	44,55477096	57,41661873	45,91980397	602,5947964	66,95497738
ENSG00000108294	EWSR1	72,97970326	69,9308935	54,70226236	83,74380262	56,72290447	60,71819382	62,63795869	63,42449882	77,46304783	602,3232594	66,9248066
ENSG00000100575	TMIM9	48,02242712	93,54671472	41,02954851	82,18714595	156,2262755	40,07162234	62,38073003	32,20336887	46,33083302	601,8928161	66,88869067
ENSG00000136689	IL1RN	3,063052108	158,3651923	51,13945924	21,23702957	90,66173827	62,06360025	30,59688072	141,5713212	43,26525304	601,9635267	66,8848363
ENSG00000117133	RPF1	40,25216074	93,32278344	51,95435911	145,1664444	0	72,81228366	42,84620071	66,23120807	89,27125524	601,8566954	66,87296615
ENSG00000000445	AK2	72,02830215	67,60905328	17,57094392	53,67232409	29,53454906	103,3066381	94,82025439	37,79197516	125,3904247	601,7289648	66,85877387
ENSG00000106723	SPIN1	125,653232	46,21252092	60,21503448	78,23259487	3,29600287	63,58269909	56,57863206	88,75837761	89,03803402	601,7274444	66,8586043
ENSG00000101361	NO5P6	113,3176643	71,66704366	50,93493935	94,83273117	1,305881972	75,78258867	68,03280224	29,57222493	94,91313299	600,3590903	66,70655659
ENSG000000006715	VPSA1	69,53191506	55,06734574	68,73728908	46,86519668	174,462934	46,27175785	72,05803897	23,95653663	53,17435325	600,1144762	66,67938624
ENSG00000155380	SLC16A1	52,39941098	68,19650642	118,4764578	26,28016028	114,1847758	69,58749339	76,88364659	4,416576486	69,48522885	599,9075566	66,65639518
ENSG00000102738	MRP3S1	1,920897085	52,39121	180,8702904	52,17096308	82,17096308	73,42558479	40,52384546	58,96172368	64,08592651	599,1662907	66,5740323
ENSG00000181163	NPM1	62,29166157	79,15372521	68,04267313	71,55626091	56,28801604	60,93789729	50,64045531	55,59035044	52,57836558	599,086224	66,565136
ENSG000000005411	TRAPP3C3	87,53016611	61,42861811	67,780801	93,43943094	0,101819547	49,5718788	72,57144238	66,89262297	59,80601156	599,8603306	66,56314451
ENSG00000147383	NSDHL	84,41296908	99,00834372	56,4037776	11,5543875	0	65,41664522	81,53057415	71,18580362	25,41888807	598,9413863	66,54904292
ENSG00000164163	ABCE1	55,40398761	74,30285995	40,81135247	79,75943784	70,39944147	50,71884333	91,86133806	90,71892428	60,53253783	598,5781558	66,54086398
ENSG00000117500	TMED5	77,82743972	79,21120207	34,88709092	56,09067959	71,2698803	65,69057358	55,60415755	90,86860922	66,885375	598,3350114	66,48166794
ENSG00000105202	FBL	41,48826239	48,16020956	69,95009309	227,738329	2,687502656	55,40699334	60,09430307	44,51129815	49,08282521	598,0198676	66,44665196
ENSG00000175573	C11orf68	27,13605318	65,61925706	25,12261458	68,14322987	136,1443265	70,10306058	63,47149424	58,17509992	83,87087772	597,7860136	66,42066818
ENSG00000150500	MANF	80,08923657	32,85667815	65,44139133	97,56318186	16,42627449	94,19933289	81,7689575	68,91564417	60,51905215	597,7797149	66,41997212
ENSG00000158604	TMED4	31,51310919	39,84067924	55,24199898	110,42949146	0,381127665	83,37347633	91,51444486	93,2087319	81,55748152	597,6559643	66,40621826
ENSG00000101730	HBEFG	0,050538652	66,80985153	140,5750383	77,32035094	0,480424806	106,038499	77,04658741	43,321188745	66,00970122	597,6459307	66,40510341
ENSG00000123609	NMI	56,31908338	48,0035822	35,14699097	37,56563858	147,1556366	45,76843495	45,28469581	111,8540002	70,01287089	597,1108504	66,34565004
ENSG00000110344	UBE4A	46,80842951	58,22791608	135,7773841	19,1983979	51,0252385	77,65704913	67,715056	28,08994817	57,2857209	596,3291555	66,25879506
ENSG00000183155	RAB1F	47,4564058	30,30399919	157,0644757	5,798554991	10,5086827	40,07798780	22,02569094	79,00513734	38,85186556	596,2696773	66,25218637
ENSG00000136045	PWP1	83,47727317	93,04642157	53,23655961	67,09490609	33,29905883	70,64808437	82,51329965	66,93539028	45,99767705	596,2486706	66,24985229
ENSG00000142512	SIGLEC10	48,65364884	90,35537408	50,0182937	50,81813303	111,1227946	86,48337586	55,03864891	19,00809355	84,05633775	595,2484378	66,13831531
ENSG00000235750	KIAA0040	74,77865244	63,39333629	11,0212374	134,6001893	127,3145892	47,1939405	56,19449524	30,56883664	50,17505227	595,2057828	66,13397587
ENSG00000000345	VCL	31,654247	50,63890654	33,9896663	34,91493805	171,6332782	44,56605163	31,82048338	68,8515582	61,82484388	594,6154925	66,06838806
ENSG00000138639	ARGHAP24	67,56773801	37,06969455	83,92385199	123,3390223	57,48717724	57,69977744	29,30298224	48,41055354	68,74196014	593,5373575	65,94859527
ENSG00000149313	AASDHPTT	52,63571602	39,08449943	87,8904261	34,55660583	196,1596571	53,67942128	48,65815974	33,192078	47,64581006	593,3023735	65,92248595
ENSG00000183520	UTP11	43,21914281	34,41988407	93,15334284	53,09768191	105,2604213	72,62574786	51,99169924	79,74995773	59,36534873	592,8832265	65,87591406
ENSG00000106828	PGKOW	138,806634	128,0871315	70,75247393	35,97945257	0	68,04535112	57,74056895	53,81021305	35,98114213	591,7814572	65,75349525
ENSG00000104872	PIH1D1	21,58108053	68,74610269	100,393293	51,62289056	33,31790758	78,99554928	80,79671634	44,04471569	77,55226389	591,4853601	65,72059557
ENSG00000188298	PDP1CC	31,09077775	52,10636608	114,5962339	55,96560272	137,2821187	59,45941231	32,9209733	74,59419212	42,1423468	590,9460636	65,66067373
ENSG00000145160	FN3KRP	125,241098	61,02416442	39,09095142	80,30132031	0,121982861	67,17574981	85,66418727	57,3546413	74,86887572	590,8429729	65,64921921
ENSG00000108349	CASC3	54,22230747	31,91765642	129,0808971	90,35201303	0	55,077726	51,70134283	76,17430043	102,0579913	590,5842345	65,6204705
ENSG00000102478	CNP1E	69,06356181	20,9578836	30,51001086	61,90696737	95,45280574	93,8182948	81,37488273	56,47556453	94,9321343	590,2656404	65,58070116
ENSG00000125629	INSIG2	73,45121409	44,80347343	23,99775633	71,3186259	147,5563978	65,56617981	63,65634059	56,13204932	81,8665953	590,1918626	65,57683762
ENSG000001276045	ORAI1	108,5564444	21,33755969	54,97216779	67,89295069	3,810265701	76,79415288	123,3070504	60,91565365	73,0404767	589,6630247	65,51811385
ENSG00000136485	CDCA8F	49,11323477	30,19249545	99,73783831	55,86358936	105,9538823	61,59796214	66,5725879	58,08906913	75,33401329	585,0794302	65,49257486
ENSG00000168209	DDIT4	94,1682322	25,32597274	110,1634862	89,30734525	66,26365558	33,52136774	49,66279451	51,1578347	69,48868519	598,0595451	65,45106056
ENSG00000169564	PCBP1	88,07587547	40,01980801	55,5960198	39,96032754	77,1589691	65,60985758					

ENSG00000152492	CCDC50	76,97868339	49,87330242	80,1277711	53,33496105	16,07288576	82,85591906	62,9606109	58,65276544	90,32266459	571,1795637	63,46439597
ENSG00000167208	SNX20	29,90675294	42,34311932	73,62846796	10,2280093	44,03093345	80,4696728	85,40710947	30,7447815	74,17700324	571,1131444	63,45701605
ENSG00000033800	PIAS1	61,53240387	35,83189311	58,71220353	120,0310569	57,72008012	52,53219077	69,44182072	58,41479687	56,75059446	570,9224003	63,43582226
ENSG00000120533	ENY2	69,27386122	63,47819165	54,0061572	10,9286364	32,97910214	64,51534513	45,94167227	72,33126957	45,99591847	570,4501541	63,38335046
ENSG00000169288	MRPL1	88,92133089	106,2356204	2,561241698	10,5928332	0	33,83434365	38,38097379	129,2916582	60,3887041	570,206706	63,35630066
ENSG00000171204	TMEM126B	16,0117161	96,66874258	90,32052057	103,2507598	0,148641367	64,59465852	61,69650431	98,33710846	38,6923844	570,0210361	63,33567068
ENSG00000169230	PREDI10	58,71959675	59,45757393	57,10108577	38,14755879	56,6004744	77,84516085	85,91990126	46,69184106	88,7821158	567,548817	63,28609796
ENSG00000162607	USP1	53,85926	43,3850453	0	162,1991765	90,96283058	55,2320552	27,40305778	87,96784816	48,46708218	569,4763953	63,275115503
ENSG00000129559	NEDD8	66,6370882	70,16866176	49,69435622	72,19905675	56,6004744	74,55168586	46,94879346	80,710843	56,4550636	63,27248484	63,27248484
ENSG00000123505	AMD1	41,11618203	47,69852001	62,18652563	127,478265	2,044215411	83,51013374	56,10186184	73,54485038	75,42824556	569,1087995	63,23431106
ENSG00000072274	TFRF	68,92456745	68,77288404	17,11963658	19,1850795	9,583839981	71,56676403	31,84248354	119,1328117	62,90263353	569,0307004	63,22563338
ENSG00000170310	STX8	56,68286529	66,04597455	0,241372011	48,863394459	0,311824205	11,0712486	78,87744171	131,5999898	75,30683971	569,0015005	63,22238895
ENSG00000172716	SLFN11	74,87324163	29,53954832	0,650571947	39,694422048	0	115,6825502	84,29710202	99,98103765	123,7423434	568,4606157	63,16229063
ENSG00000169139	UBE2V2	44,82190345	69,12050647	35,55412281	83,92992659	122,1032336	39,59601535	44,33627723	86,58177789	42,15435661	568,1983	63,13314444
ENSG00000138398	PP1G	41,88167772	89,46562931	34,20015884	62,57620385	108,7008422	39,9681373	61,55952058	64,1215368	65,86711719	568,1408238	63,1267582
ENSG00000149100	E1F3M	77,18231705	76,68933381	64,83708096	64,58404015	53,55346392	45,91011382	34,43257159	90,72496874	60,15624308	568,0701331	63,11890368
ENSG00000165660	ABRAXAS2	0	45,09867142	122,7627848	68,69963121	0,14765306	55,52810841	54,98615226	96,05526007	22,70409291	567,3112317	63,0345813
ENSG00000158109	TPGR1L	100,7613593	36,40745191	38,0905675	0,326023821	203,2656144	54,79678772	44,26212878	40,18612816	48,996605	567,0292729	63,01029729
ENSG00000197586	ENTPD6	65,27227766	42,93694877	69,09060467	42,91968988	58,31362383	74,00103815	65,64404267	64,51134789	84,70721909	566,8967926	62,98853251
ENSG00000163346	PBXIP1	0,156957227	37,1123568	127,7654571	43,63597082	95,02487033	98,23278716	85,9492952	26,25629126	60,4688923	565,938751	62,8437639
ENSG00000134222	PTPN22	55,78017931	80,55589106	49,76072486	48,33418587	1,437428455	85,15045831	44,80883994	119,84406963	79,84333579	565,551309	62,83501454
ENSG00000136940	PDCL	52,86709193	87,93217162	195,0365613	12,27148911	0	79,08035115	30,14158595	95,02487033	12,87402029	565,228147	62,80312745
ENSG00000134652	TXLNA	7,06207008	55,21187448	16,52443295	109,4457412	108,2127753	61,31618889	98,72753539	44,32501328	64,32310216	565,1487328	62,79430364
ENSG00000182388	UBE2G1	85,02674542	38,81235824	44,64584538	63,08831301	53,08831301	71,64237284	50,89025803	127,9806058	48,84664047	564,7959732	62,75510814
ENSG00000169599	NFU1	69,74336013	73,71769142	21,38308454	7,838738427	134,5260525	69,24897535	52,19839938	92,79841974	43,05684017	564,5115427	62,72350475
ENSG00000138433	CIR1	13,126615771	54,50589429	61,40403697	72,58228998	60,68279586	55,10054724	38,69129181	132,3609831	65,14569723	563,6406942	62,6267438
ENSG00000013561	RNF14	39,32267857	33,75965839	0,167189314	26,8363356	183,590564	58,07535423	50,3088741	110,8956427	60,35913514	563,3154321	62,5906356
ENSG00000169245	CXCL10	0	24,1898315	0	0	0	512,6989821	26,05511575	0	0,31633465	563,2602639	62,58447377
ENSG00000172466	ZNF24	38,97853352	69,55685467	93,2558813	80,73091303	28,53943099	43,29939948	61,63908933	83,43051869	63,76777056	563,1983916	62,57759906
ENSG00000164978	NUD2T	6,759839135	43,23258715	2,331613132	174,6051368	125,8417483	50,71637387	39,28987097	67,74986473	52,65362793	563,9862962	62,57562911
ENSG00000123329	ARHGAP9	36,46376607	45,4762126	47,95944263	64,08606085	57,18655667	87,00742241	82,56820597	60,56030175	81,87499965	563,1565162	62,57294624
ENSG00000006645	GOLGA5	71,38265335	19,66095788	67,73867623	87,25050629	0	77,64925587	72,50266922	117,4035686	48,59263203	562,5599195	62,50665772
ENSG00000121766	ZCCHC17	69,85225755	150,3326049	14,03647559	79,3264056	99,1088328	44,21978931	42,45482343	75,34114553	56,78912471	562,2635099	62,47372333
ENSG00000108061	SHOC2	4,435397197	9,92894288	222,991627	75,70590254	0,927998534	66,22937449	60,1430379	35,73677079	86,02039009	562,1722117	62,46357968
ENSG00000167977	KCTD5	80,21587233	54,39179361	3,627261078	51,2821327	0	97,81442067	83,34921224	82,11867366	109,2371907	562,1366376	62,4596264
ENSG00000157601	MX1	56,12277462	8,278292946	61,65505677	56,25868168	45,13977465	44,94374257	90,36019151	152,2929048	25,79737037	561,82747073	62,42747073
ENSG00000115232	ITGA4	16,76484837	35,18514324	83,59754432	66,32362598	79,71757473	54,56642207	83,90990384	49,53106855	91,99873836	561,5950522	62,39945024
ENSG00000168792	ABHD15	91,0038746	41,15810769	13,29400817	24,65880134	135,7488992	80,81726546	88,67719913	30,28032774	55,77524494	561,4137753	62,37930837
ENSG00000145740	SLC30A5	58,9833958	56,89639593	177,4082077	17,090979	109,0260154	36,74793653	26,60035136	12,47949643	56,9645127	561,3771432	62,37717202
ENSG00000117632	STMN1	55,10323035	54,85600706	11,97000906	178,2310768	51,85273302	83,20759353	78,11015226	0,211579681	47,77805583	561,3203476	62,36893751
ENSG00000155438	NIFK	48,03268242	58,14331665	78,8847016	78,012592	28,99638123	81,42222374	65,23426707	43,56036808	78,99431234	561,1908551	62,35453945
ENSG00000008215	BZW1	74,68618929	60,36096972	61,33784744	54,15570654	48,90394733	57,12987576	61,28414856	59,50683121	83,80980104	561,1745969	62,35273299
ENSG00000088205	DDX18	106,2308667	47,7353202	84,98187708	102,0948191	18,25943447	24,01113623	32,78169535	103,8532824	32,78153088	560,6493623	62,29437359
ENSG00000137856	BUD13	39,24055821	18,32405468	79,78472089	82,97613315	53,2998347	32,4262585	28,06648429	46,21567755	80,18070915	560,5144311	62,27938124
ENSG00000069275	NUCKS1	22,35377336	60,87143559	10,4245888	153,95527656	23,27665261	52,67367717	47,3359153	56,56887278	42,33346894	560,344351	62,266039
ENSG00000066654	THUMPDI1	77,14753131	10,43530626	68,8001814	24,56425234	141,1391049	52,26655301	40,37593209	86,86550929	58,37541893	559,9697715	62,2188635
ENSG00000183648	NDUFB1	48,27792426	75,59637475	40,41336835	72,5677818	24,12101919	90,16776065	68,86175534	89,21587309	50,7526075	559,9424613	62,21582903
ENSG00000196950	SC39A10	34,3648233	44,11530954	86,96673908	69,379505	22,01327714	50,89811244	58,13682435	16,48112271	68,40613648	559,76185	62,1957611
ENSG00000124357	NAGK	65,45803522	63,38121009	48,08490191	88,2272839	16,26664826	71,5343512	69,10246452	63,6575976	74,92736943	559,6350506	62,18167229
ENSG00000109270	LAMTOR3	34,91075144	83,64948562	30,57514057	19,17533675	70,9344306	42,39405706	42,00423699	90,54415023	45,34583733	559,534266	62,17038073
ENSG00000124733	MEA1	63,59208212	78,65617172	41,00137577	57,77413425	49,39800467	77,53885873	66,37409674	54,21488821	71,2709401	559,4686771	62,16520857
ENSG00000125818	PSM1	54,3420506	62,37064185	52,1028233	87,76734327	83,70513124	62,88300692	90,98254008	52,87718492	52,39433731	559,4251469	62,15834965
ENSG00000001413	UFL1	78,2019675	57,89362417	47,218034	72,3821026	50,793889	90,10124952	93,95762469	63,11671514	35,94916205	559,3704763	62,15227515
ENSG00000146007	ZMAT2	54,95687973	41,87868986	102,6317253	68,6893603	0	85,24434156	49,16331993	105,403521	51,38471725	559,3530346	62,15036374
ENSG00000159202	UBE2Z	111,3167983	36,22145653	132,7397533	72,0462163	27,7114324	54,72291113	53,19590804	67,24328994	35,41327432	558,7984456	62,08771618
ENSG00000138670	RASGEF1B	35,16960154	98,95685322	40,42900192	79,02616731	9,063459529	63,26358923	82,86241606	128,6627721	34,32950097	558,763367	62,08481855
ENSG00000009149	SSEL13	45,8400368	82,23785784	88,85853224	15,93755884	54,94983108	63,12273311	102,1804361	1,766321355	103,8368088	558,7301162	62,08112402
ENSG00000131475	VP52S	37,16144523	37,22737333	0,11626102	88,06964638	107,389813	90,55345153	80,97060739	49,19895694	57,90700924	558,692964	62,076996
ENSG00000100485	SOS2	2,3053714	22,76968625	34,56747345	141,2834488	187,1566812	32,2328558	53,94068533	46,84855449	40,9468533	560,680189	62,06755766
ENSG00000128294	TPST2	69,35828739	44,14083554	49,45978906	60,00771081	122,8573684	62,83146099	78,18981488	30,25677437	71,26849856	558,37054	62,04117111
ENSG00000111857	ASF1A	88,83363791	112,062435	74,83666628	12,79982301	0	78,73236242	53,16375211	71,47290761	64,9637322		

ENSG00000115935	WIPF1	71,78621891	52,79936763	66,98829707	67,51524395	52,79866509	61,80946603	69,51009622	44,59653027	53,40464147	541,2085266	60,13428074
ENSG00000130598	TNNI2	157,487714	58,54843672	2,04022091	61,52320043	0	37,13961534	18,53277381	102,16188	103,6648491	541,0986904	60,12207671
ENSG00000131878	CHSY1	23,43853743	79,44422413	45,86401845	68,74464745	3,928937291	52,17092777	70,65040223	137,491567	59,35807399	541,0913357	60,12125953
ENSG00000104884	CD37	45,83069399	73,14135306	47,56592898	53,55406592	38,23337449	62,12176845	49,47456018	58,36803824	52,76693746	541,0567262	60,11744002
ENSG00000101669	SMAD7	28,49273427	20,29845063	51,53098199	68,27962677	193,5082008	62,92932464	44,92301575	5,449248729	65,50600646	540,9175901	60,10195446
ENSG00000008571	CNPE3	57,68983045	30,96548554	95,9747232	97,17765345	62,636815	51,74085226	40,22798235	52,08869092	52,08226719	540,5811669	60,0645741
ENSG00000113387	SUB1	45,14073598	60,33629076	18,63000663	113,0924373	27,82715254	60,88137246	56,10010635	91,3990715	57,44274118	540,0095508	60,00555008
ENSG00000112514	CUTA	30,85039902	39,87826121	65,64242209	80,39467768	63,17099626	77,64897993	69,15582265	60,06299975	53,19807167	540,0026303	60,00029225
ENSG00000105087	P1PK42A	52,73776673	57,60904311	110,0268939	61,13163566	48,31840023	49,64969863	40,44734949	54,55470827	38,83631791	539,311940	59,92354489
ENSG00000131165	CHMP1A	107,88706	71,91080911	13,08672544	38,20833557	29,03255456	93,99803777	77,35979236	29,07395058	78,38137417	538,9386396	59,88207107
ENSG00000166452	AKIP1	71,0219821	72,28175655	0	82,81849184	0	78,77145642	72,2818217	83,32697779	77,97473652	538,4772092	59,83080102
ENSG00000112576	CNND3	56,64693057	64,51675838	104,2545149	86,32247912	78,91672983	39,86200343	35,27096027	75,80289717	36,70805145	538,3013251	59,81125835
ENSG00000204568	MRPS18B	73,19015119	41,66349802	83,21999548	35,79130841	58,86502686	43,81474536	43,98959847	108,3268702	49,39688441	538,2580784	59,80645315
ENSG00000105248	YJU2	96,48246868	59,80145326	77,82776153	29,40993719	82,8984041	50,72805403	56,86784832	34,86599753	49,24710003	538,120461	59,79116233
ENSG00000138744	NAAA	85,5084714	59,29713311	107,9705409	67,92105495	4,63325032	48,96953192	47,93886836	44,20254174	71,38559264	537,8269854	59,75855393
ENSG00000100528	CNIH1	57,53582398	64,91184103	126,0575225	98,72937319	31,26805459	35,99852919	47,07324869	34,95930571	41,21282711	537,74509	59,74945444
ENSG00000140632	GLYR1	31,93191949	43,07303177	91,3597814	71,15970411	4,11102061	43,28501567	60,46483872	53,62850353	58,19713844	537,412231	59,71247011
ENSG00000115159	GP2D	112,59279067	45,02091083	73,36110501	60,23537306	97,73610713	50,43311041	34,53279759	102,1972089	38,28464297	537,342265	59,71046962
ENSG00000163453	IGFBP7	14,17150948	439,8640271	0,144031139	9,058364403	50,23924168	2,406998283	2,470400319	10,27257723	8,570124602	537,1972688	59,68858542
ENSG00000184588	PDE4B	43,81022032	31,91880695	120,2055176	101,1890053	29,55782683	29,91220924	69,98518742	39,85196296	70,32199314	536,7977298	59,6441922
ENSG00000100368	CSF2RB	41,51755358	40,78552667	126,1216231	41,93784562	12,59430259	53,99574681	61,61857669	68,20593277	69,75762249	536,5347393	59,61497103
ENSG00000181191	PJA1	145,5354293	30,96923966	69,65109314	0	113,3691568	45,82900434	58,0456268	27,77473747	44,9561366	536,1304241	59,57004712
ENSG00000121851	POLR3GL	67,10761721	72,10665601	73,8312687	46,25076027	60,0842713	33,43863087	53,00099612	65,50304237	64,13808748	536,0238803	59,55820893
ENSG00000232112	TMA7	22,68648603	84,51534507	47,8350302	88,42923634	58,64430455	49,52554528	42,19063842	80,07018493	61,67689677	537,8452366	59,50818529
ENSG00000201145	SACM1L	69,20151526	15,89774704	36,78669785	25,71295988	135,3849151	70,52952007	68,14764523	54,8097136	58,76569874	535,2364128	59,47093475
ENSG00000139505	MTMR6	81,425561	61,89676901	101,0137062	47,18412328	7,022024967	51,9046657	74,86099753	58,43642983	51,77589563	535,209714	59,46733004
ENSG00000169958	MFF	16,31502747	106,3411932	46,28481648	76,2732407	35,03585779	75,18581744	45,35293464	79,94904658	64,06416703	534,8021013	59,4224557
ENSG00000108092	SLC9A3R1	119,8418592	35,42363319	93,41272245	30,79010389	0	60,2214962	47,74202457	78,97089493	68,01394744	534,4166818	59,3796313
ENSG00000113621	TXNDC15	53,44119327	60,3001193	128,4569004	22,50037578	108,5876885	21,74326646	37,03340853	57,17490807	43,43948686	533,5729372	59,28588191
ENSG00000132286	TIMM10B	46,00556016	48,71231383	72,7681077	40,06997435	0	65,20278542	94,23917542	110,1080058	56,39437795	532,4770037	59,27522263
ENSG00000160310	PRMT2	81,62713583	52,90188085	24,20397547	77,73480435	47,04472868	78,33999347	66,87205304	36,98537642	67,75832694	533,1682751	59,24091495
ENSG00000167986	DBD1	54,8222651	52,68653923	92,14193388	74,1275906	33,9255837	41,89985389	81,24541283	46,04765856	55,71789639	532,9144379	59,21271532
ENSG00000139218	SCAF11	66,92577893	46,99888281	36,70089942	120,6045729	42,47489279	43,69116434	50,51896063	42,23723649	48,67882023	532,7802139	59,19780154
ENSG00000132485	ZRANB2	67,14341304	24,2053962	93,79388696	27,11420599	20,60333342	65,96484715	40,72437255	116,285242	76,91100811	532,7257054	59,19174505
ENSG00000130313	AC010618.1	37,0327314	41,92079156	102,3828111	30,22803051	39,5879956	67,99996876	80,23032497	52,47394012	80,75162271	532,5990207	59,17766897
ENSG00000184678	HIST2H2BE	4,890086836	50,17965818	193,344408	147,7277226	59,74380262	23,45494267	33,45494267	102,3630225	52,00992009	532,4314752	59,15905279
ENSG00000074964	ARHGEF10L	101,7536103	20,83376365	47,49496537	34,9378612	72,98127086	43,55309079	55,81016276	49,10405567	105,8909277	532,3397083	59,14885648
ENSG00000100243	CYBSR3	82,73675199	38,2068815	95,47324083	42,44638279	0,06194886	69,94746411	89,5845617	51,81387302	61,61756353	531,8886683	59,09874093
ENSG00000143851	PTPN7	55,85411036	57,0244416	44,76110297	49,4230255	10,182416632	62,58686352	71,8578784	41,90577228	101,9627178	531,8402691	59,094722768
ENSG00000182087	TMEM208	49,78922095	31,66350584	56,5476758	15,92480925	105,3031345	54,28827851	94,74862084	32,62539287	90,45667991	531,3406639	59,03780077
ENSG00000172629	DPAGT1	67,68494311	67,18785343	30,85157917	92,7970696	61,55329088	66,6470328	55,03585017	40,05267465	88,87546756	530,8629389	59,98515544
ENSG00000119314	PTBP3	32,59175678	22,8469091	152,3340389	149,2007119	20,13743228	41,05979961	44,81844727	22,70080074	45,09129725	530,7804711	59,9756079
ENSG00000135446	CDK4	72,82025238	61,70559278	87,32923601	90,82965987	0,232138036	66,1711867	49,0688758	32,78714035	69,31702867	530,2611106	59,91790118
ENSG00000181038	METTL23	66,79181964	50,2941369	30,20891358	29,03821818	136,4046255	44,46819532	59,85079055	65,08559639	47,966657202	530,1089536	59,90094885
ENSG00000126457	PRMT1	56,17809581	77,15512096	38,19618124	57,83411993	26,6162289	79,9045586	49,6065239	73,74185426	52,93099257	530,1221397	59,881221397
ENSG000000068120	COASY	110,3721802	35,84537154	54,32745982	28,21618277	43,90995744	44,39918459	67,06065612	60,071562	84,9491916	529,1517461	59,79463845
ENSG00000115514	TXNDC9	14,3812617	50,46706678	0,098714524	14,27040609	71,79800296	52,49514341	44,24433227	89,53180931	60,84889685	528,1392887	59,68214319
ENSG00000066004	ELAVL1	55,82539234	39,43944385	101,4167173	65,62728427	74,38200173	60,649586	40,73009916	43,66558491	46,36820011	528,1052087	59,67356353
ENSG00000165476	REEP3	94,75197815	45,91578257	76,11806405	50,33610818	11,98206182	67,22321162	68,37712053	60,51102818	52,02989885	527,8452304	59,64947005
ENSG00000110696	C11orf58	64,47988284	47,93991086	43,00601029	51,82367413	66,7051633	49,94001405	50,3361446	98,47218498	54,93452121	527,6375063	59,62638959
ENSG00000166478	ZNF143	30,56570994	31,8188399	0,065840867	26,7097679	320,415865	25,30706097	44,72592365	4,461101456	43,72028219	527,3916007	59,59906675
ENSG00000069248	NUX1	55,58861151	41,75801251	92,0200525	30,68056353	133,2295964	23,30004568	25,66766864	62,21798714	62,83513399	527,2976809	59,58863121
ENSG00000006015	REP1BD	37,26198345	51,40051396	26,6431964	38,01752894	50,93714696	79,16445322	79,34043843	58,69727359	78,3092171	526,7717521	59,53019467
ENSG00000143457	GOLFPHL3	52,5869465	54,85179305	68,04542956	4,695890365	0,21542744	49,491393071	58,44493869	184,4447301	66,11097043	526,681805	59,52020055
ENSG00000161953	TNFSF13	42,42515582	63,60483745	36,88488132	56,97921018	71,94979368	62,03422705	85,95379683	62,13795909	56,37533879	526,6377226	59,50308029
ENSG00000068366	ACSL4	89,70053587	56,13635325	42,85616803	116,6580681	16,23446411	59,43297042	40,60427268	75,3012762	73,93302024	526,3071469	59,47857188
ENSG00000104325	DEC1R1	35,29305919	120,525792	0,936145341	116,6606354	0	78,58403108	61,19412785	58,78174359	54,19296371	526,1739162	59,46376847
ENSG00000104131	E1F3J	56,20134112	48,19181453	118,0548677	74,60033319	2,62429032	55,33889719	35,67097063	51,67330319	63,59314963	525,9491945	59,43879399
ENSG00000166128	RAB8B	85,99355226	22,06930042	75,39181991	60,82029232	71,548232777	50,79938159	80,67179292	103,7906017	45,19607881	525,7312296	59,41458107
ENSG00000160752	FDP5	87,50431916	42,76713449	40,22412406	93,13090675	27,2181169	64,43649079	66,17733218	49,2363503	55,68397682	525,4328162	59,38142403
ENSG00000196182	STK40	121,5372318	41,20464724	72,00629398	23,24680539	0,06424852	80,4					

ENSG00000142208	AKT1	33,89902069	44,77841679	72,29674139	58,93362041	61,48303381	59,48522917	67,10785541	35,05057588	75,39088451	508,425378	56,49170867
ENSG000000186815	TPCNI1	50,81456518	12,04304125	93,73229048	92,88782838	42,46211087	52,97809089	83,45042132	31,83956312	48,20768801	508,4155525	56,49061965
ENSG000000254415	SIGLEC14	37,16071671	33,22797119	79,30844323	69,93358109	37,42963818	42,55343322	70,93111468	8,72905918	129,074922	508,3489196	56,48321329
ENSG000000112502	SH2B3	73,02879744	46,20460677	37,37711996	71,36447563	0,12640533	61,17259032	67,94653495	37,50973179	113,49695618	508,2226724	56,46918582
ENSG000000056050	HPF1	35,49291885	66,18694939	37,92414852	49,54461543	103,0793446	33,71881622	36,79404251	79,47160485	85,8665346	508,0406939	56,44869599
ENSG000000104205	SGK3	0,098155616	32,70130595	118,6746646	105,553551	32,5993352	52,77993176	27,81211494	73,45971467	64,49399449	507,8763741	56,43070823
ENSG000000166807	VPS39	45,56470284	26,1915097	20,73038086	91,7051814	141,2139247	53,06596372	49,60839198	43,23258707	36,5085421	507,8634905	56,42927672
ENSG000000177954	RPS27	84,39831869	69,17286379	27,66372	76,38965923	28,45182461	46,16642134	36,36821127	87,79662422	51,35469181	507,7523392	56,41692614
ENSG000000171792	RHNO1	80,64183631	55,47415811	105,4516034	36,71248508	0,27164758	46,7485591	58,48127864	80,73401309	45,61815165	507,7200293	56,35778103
ENSG000000105819	PMPCB	33,60421586	48,72977524	134,1376948	72,37794609	54,72921576	41,97355097	32,26265671	38,5586609	50,09827342	506,4719298	56,27465886
ENSG000000172172	MRPL13	88,46197342	56,50794822	23,84196145	58,52283583	58,27447884	48,44478469	49,09708644	84,15914858	38,90016301	506,2103805	56,24559783
ENSG000000092531	SNAP23	58,22869734	43,75864834	59,56716407	73,52730231	33,01524911	53,69696382	50,449708	82,04398951	51,63814853	505,925871	56,21398567
ENSG000000035141	FAM136A	124,9135015	100,3577479	0,180155605	27,73385342	4,189316761	43,27868252	55,45739885	72,91832161	76,84386339	505,8728416	56,20809351
ENSG000000187764	SEMA4D	6,296273778	17,7057041	65,23501899	56,24106938	45,11794547	94,54325105	60,15664435	15,98500556	144,4247974	505,7057107	56,18952341
ENSG000000134755	DSC2	40,86812875	54,42178298	60,37536576	16,4844966	109,7885937	61,69405691	44,96062037	46,29519391	70,72719708	505,6154331	56,17942566
ENSG0000000214941	ZSWIM7	38,14670912	82,1505776	61,37505116	34,87290399	104,2689855	48,62560865	46,72654412	37,70492132	51,56351347	505,4348149	56,15942388
ENSG000000140395	WDR61	64,93886377	44,87685394	39,8716586	78,37487621	85,13304009	53,22618112	32,38000036	60,35901324	46,2547897	505,4152803	56,15725336
ENSG000000181467	RAP2B	71,25774485	33,23278291	42,90698987	61,74200812	61,70921725	67,0118998	59,96312957	61,60778609	45,95534289	505,3869104	56,15410115
ENSG000000137393	RNF144B	2,657210035	33,05789296	92,17658934	108,1052339	122,5510299	27,95633292	48,49094957	32,11760144	38,2466756	505,3595157	56,1510573
ENSG000000166562	SEC11C	76,65613942	50,9847465	31,05168663	62,28729481	29,56310026	48,58867302	65,23360389	105,0631459	35,42727537	506,0286658	56,09207398
ENSG000000065150	IPO5	28,89315412	7,185595243	60,68680899	143,0620207	97,5907481	44,30409515	43,51542192	8,889083037	76,39609239	504,5590364	56,06211516
ENSG000000050194	CIAPI1	52,9758016	56,23229857	32,86780846	57,38564029	97,97974921	51,20030803	41,53909898	38,19092991	67,07614263	504,4478536	56,04976151
ENSG000000197324	LRP10	39,59229984	46,48598316	39,95134044	35,99861549	53,52960276	70,1355613	83,07694222	65,13061228	70,70239346	504,3981809	56,04424233
ENSG000000136247	ZDHHC4	71,15833732	36,9833132	80,02575804	12,61760349	51,28808398	49,48864827	48,4667518	82,12093272	72,20688608	504,3111314	56,03459045
ENSG000000080822	CLDND1	59,45809402	86,30981462	0,800326581	84,39067797	45,0792462	56,24966827	50,1881328	58,98352165	53,61368963	504,0731717	56,00813019
ENSG000000053723	MRT0A	70,5300903	32,83585525	27,62400045	60,84399251	146,9612817	26,313119892	44,32696001	44,47163194	49,80628629	504,0148284	56,0016476
ENSG000000176232	MLH1	32,51529833	94,06227013	52,18029604	53,41335975	10,77759329	49,36920049	54,60019827	47,80636014	109,0769651	503,8015415	55,97794906
ENSG000000115223	PSMD14	32,09885327	67,4114343	25,32276651	58,14020977	112,3869425	49,79831343	59,86055506	56,63172112	41,84152314	503,5738371	55,95264857
ENSG000000074696	HACD3	71,14594108	52,08622443	31,34819272	56,71859752	87,52667476	64,17516528	60,0982917	39,31304792	41,0780021	503,4916768	55,94351965
ENSG000000130164	LDLR	89,63257223	42,76791942	1,044496355	45,37117594	0,511828758	69,6059144	128,0714272	38,53214703	87,79430166	503,3317829	55,92575365
ENSG000000115325	DOK5	71,144581319	38,16780191	17,68715618	53,75339918	50,76407371	96,58618355	102,1159279	29,36955323	99,17097135	503,2555451	55,91728279
ENSG000000182544	MFIS1	110,2448151	87,89156609	3,769587647	40,742545314	55,79635048	74,13493076	47,62555048	78,1981108	502,8557983	505,87286648	55,87286648
ENSG000000138119	MYOF	34,42259643	19,07627977	3,503400941	119,6182475	104,589385	28,41389618	79,74533704	67,17668593	45,9034343	502,7188341	55,85764824
ENSG000000168101	TMT16L1	27,25543658	53,55060253	78,09789048	82,39387738	0	62,49726269	84,57719672	33,7145521	80,52115062	502,6083291	55,8453699
ENSG000000103412	RIPK2	48,21311441	92,65318539	49,43438944	11,60090113	0	81,62648511	67,1854867	75,93837887	75,88176081	502,5341515	55,83712798
ENSG000000205544	TMEM256	9,968313507	35,77906748	42,09293853	17,06780507	78,06903095	50,54781785	49,8495322	74,80626057	41,5804629	502,3624166	55,81904629
ENSG000000144028	SNRNP200	26,89141457	34,68014606	110,91376713	62,22510835	10,4961956	52,02129888	63,69963226	54,63925187	86,79371459	502,3605245	55,81783606
ENSG000000002834	LASP1	37,4512815	35,92442035	47,1239454	25,86807566	14,36775325	54,95890652	52,63321391	39,30959308	64,95811032	501,9050792	55,76723103
ENSG000000024418	ATP5MF	23,7127357	95,23460926	43,71771135	86,06856918	11,36547826	69,208412	69,19871597	51,22011845	62,1981052	501,75789467	55,75789467
ENSG000000116754	SRF11	38,20120882	36,2986987	31,69229029	83,36492107	75,78215104	33,4292086	48,482222	93,83046968	60,09907601	501,1759584	55,68621671
ENSG000000117551	HPCAL1	3,00485216	31,08331988	72,55917928	33,14395995	98,97756218	38,89696945	59,10403005	57,00618806	67,25278191	501,0132082	55,66813424
ENSG000000098092	TMEM14A	0	90,64719436	10,947132741	150,2753042	0	104,6177017	39,49521584	0	26,33442754	500,841271	55,64903011
ENSG000000163814	CDCP1	81,01179795	27,11085373	125,3647113	61,18419964	2,759046883	45,35262999	35,2620217	71,33690341	51,34841362	500,766785	55,63629761
ENSG000000163568	AIM2	50,88080052	82,98951977	41,83005165	10,13797782	0	66,13404525	41,51099565	66,8278149	39,4700725	500,0232903	55,55814337
ENSG000000164221	CDCD12	114,0647274	98,60541	38,84129678	50,62917418	0	112,8672032	48,57718378	43,90863953	37,88087611	54,59130934	55,55392638
ENSG000000131652	THOC6	17,14211312	45,1228044	76,66870472	10,30466244	0	53,78713858	71,43714064	35,35294656	70,04215705	499,5996447	55,51107163
ENSG000000144959	NCEH1	59,40078589	20,63488769	37,46487191	68,92417174	76,85727693	68,66931107	72,65170638	63,15918626	31,57999349	499,3426414	55,48251571
ENSG000000102898	NUF2	38,79575542	56,97293576	59,13831479	67,55848829	63,21399504	55,86728686	67,54531372	47,81666528	52,38222712	499,2927843	55,47697603
ENSG000000044087	KDM1A	24,02769184	28,29292427	86,40889339	60,05523394	66,80642516	45,3285467	46,22105613	40,02874632	76,11508302	499,2842637	55,4760703
ENSG000000135124	P2RX4	56,98826154	48,47523595	66,43720959	20,14818409	60,87260217	44,47498859	50,45571262	103,6784542	66,6267718	499,1304187	55,45895341
ENSG000000070202	KIAA1010	25,33786432	39,55907757	94,8179167	55,96309031	57,99872787	60,85065129	64,88251364	29,95815999	69,63250378	499,0000905	55,4444455
ENSG000000106554	CHCHD3	35,74990455	13,76691716	163,2362717	70,79041026	0	40,94525901	28,29304744	100,0557413	45,75684504	498,5943964	55,39937738
ENSG000000116729	WLS	38,32833717	34,51749452	144,3825766	45,87867685	79,81284693	38,80796849	57,7578529	11,41218287	50,38987339	498,278907	55,36531219
ENSG000000120008	WDR11	41,39416305	32,20609061	32,53096703	87,12454788	43,80382089	40,76872395	44,21402472	122,4586125	53,65196604	498,1529167	55,35032407
ENSG000000168118	RAB4A	118,2862503	11,42236315	0,335927612	61,14148587	0,108494726	78,14380309	71,41574184	92,74130309	24,03090983	498,0929296	55,34435885
ENSG000000114650	SCAP	69,49932735	40,17012788	16,13593132	26,18080233	147,8047391	42,79690767	56,72903211	23,70006201	75,16025861	498,0151884	55,33502093
ENSG000000109323	MANBA	47,93382234	55,60127482	41,54433056	58,1954099	62,81422396	61,84266243	66,52289813	97,38857517	26,3637198	497,9715603	55,31017336
ENSG00000009797	TEC7	58,71256619	40,77358435	43,58901366	58,21163359	88,88143954	51,63787402	52,36615653	55,51121485	47,82421102	497,5076938	55,27863264
ENSG000000089060	SLCB1	39,02796654	11,72725059	89,2920708	12,02891727	54,97130229	73,32129653	92,47133806	71,52580399	52,7221767	497,0883637	55,23204042
ENSG000000104043	ATPB8A	1,72522887	25,50323967	56,81942913	90,76625854	126,9029673	52,80847654	43,81815388	51,56860252	47,05625046	496,9686099	55,2187341
ENSG000000128185	DGCR6L	24,35577855	62,96922186	47,93959062	33,							

ENSG00000175220	ARHGAP1	64,97606922	36,49734811	18,64666245	63,08831607	78,52407349	49,27074111	71,84616699	40,61838139	61,60591328	485,0736721	53,89707468
ENSG000000166002	SMCO4	71,04656125	40,48798736	52,52969321	27,83935534	0	64,65412166	84,17629868	54,07654315	90,23470385	485,0452645	53,89391828
ENSG000000116266	STXBP3	40,18843588	45,05199119	47,60385605	158,5007254	0,426650169	47,25016085	45,9338529	47,78178064	53,8421036	53,84216512	53,84216512
ENSG000000170515	PA2GA	49,25866962	54,30250002	59,40077534	47,47089619	72,12444496	66,08616826	31,99843942	36,55086278	66,96704294	484,2979792	53,82553324
ENSG000000120337	TNFSF18	2,558645121	47,13850898	106,3743906	2,98877902	5,18645853	57,09372933	80,9183665	171,964278	9,62551709	484,2086179	53,80095734
ENSG000000087365	SFB3B	52,01226339	52,06800247	64,62079483	34,57821307	66,25067882	58,33547996	47,31877554	34,57840038	66,42661301	484,1892215	53,79880239
ENSG000000146535	GNA12	62,42258383	21,06171822	0,090976959	58,58462789	58,58945995	68,74425263	76,93296253	17,73564689	92,84723163	484,0693745	53,78548606
ENSG000000185811	IKZF1	32,93187368	24,55719507	57,63064048	75,67830462	5,651255012	68,67149579	64,2963705	70,10775499	84,54061379	484,0655043	53,78505603
ENSG000000156469	MTERF3	32,38682969	65,65831318	104,1846568	84,3212949	0	36,20386908	78,65408375	33,2085823	49,3251736	483,97149609	53,77149609
ENSG000000125651	GTF2F1	74,66207264	55,56767457	0,289965333	7,258274676	87,40691226	43,90053855	55,58039046	63,19158975	95,83115178	483,68857	53,74317445
ENSG000000132514	CLEC10A	102,0256465	40,94351318	0	21,13689547	0	49,59173982	20,88631286	237,4203818	11,51661317	483,5211029	53,72456699
ENSG000000142612	TCF12	44,64848642	45,78795746	33,13631076	53,17592908	121,5433816	53,30707181	50,92666239	24,80183235	56,11203488	483,4396668	53,71551853
ENSG000000117054	ACADM	75,28674261	48,43710811	39,81107418	46,20780336	0,300328281	87,48201431	56,55739824	54,92274329	74,33083778	483,3360502	53,70400557
ENSG000000124228	DDX27	31,1802277	60,88105884	105,9044577	41,50477514	32,83849251	58,2222383	40,99571229	37,84526383	73,52806333	482,9002897	53,65558774
ENSG000000100554	ATP6V1D	63,76033497	11,99599247	0	79,25738574	83,54323801	52,77729906	58,90931057	67,3006595	64,98238155	482,5270519	53,61411688
ENSG000000143321	HDFG	61,90022015	24,81444748	83,98418886	60,08464576	51,31646972	64,35018285	28,61843718	47,12784795	60,29642203	482,492862	53,610318
ENSG000000101444	AHCY	11,64180051	35,25647253	31,83850132	158,0083899	82,90874951	48,01777605	31,51257953	47,43256534	35,8425111	482,4620458	53,60689397
ENSG000000203989	HSPB1	54,494932	70,18141798	67,24054048	85,25245574	8,030660002	51,45405182	47,73800348	55,99174719	42,04716593	53,60344842	53,60344842
ENSG000000169826	CSGALNACT2	70,17894436	23,71614503	134,375506	0,346527191	64,57438942	46,57834783	43,58969303	46,42759262	50,94119814	481,2683436	53,4742604
ENSG000000197601	FAR1	51,41747127	55,71549755	48,83083706	113,2352762	0,047863194	58,06759622	36,5725198	51,0867784	66,28352574	481,2573654	53,4730406
ENSG000000183386	FHL3	78,34520596	103,5638264	103,4796177	25,65079341	14,69443038	59,19464189	39,06860637	0	57,21921369	481,2163808	53,46848675
ENSG000000205205	E2F4	58,03217411	46,08224584	7,034535319	36,1361561	0,98926679	77,55719673	62,49092453	110,6349331	82,4319252	481,1990176	53,4665571
ENSG000000107625	DDX50	57,49749392	63,81954325	99,94440966	20,31870704	42,5482036	41,23038549	54,46085573	8,37166564	55,22631926	481,1975773	53,46639748
ENSG000000162231	NXF1	116,1993911	43,68021926	26,20929574	98,9143236	0,173934877	63,99101836	44,58511475	18,67163362	68,61979277	481,0448241	53,4494249
ENSG000000104472	CHRAC1	6,492496531	72,93786931	34,6528898	87,2414968	0	72,78981429	46,08804328	97,98059793	62,81106365	480,9947216	53,44380796
ENSG000000149177	PTPRJ	18,771101164	24,72369585	56,43040554	29,83663951	120,5022273	37,4419815	63,60902382	85,5623074	44,08542244	480,966383	53,44073759
ENSG000000185515	BRCC3	0	41,71285042	19,65604094	67,07882125	80,01707653	41,50371435	43,76872047	148,3944051	32,7289286	480,8545217	53,42828018
ENSG000000004478	KFBP	28,7996904	45,2875894	20,08262191	31,28389488	94,03968957	66,61488001	77,93595869	54,20842121	68,09282412	480,3455702	53,37173002
ENSG000000150681	RG518	84,42986187	33,41005285	10,02355944	53,00678349	91,79870058	45,61679339	30,10212892	71,13603863	60,71306268	479,6342254	53,29269172
ENSG000000166938	DIS3L	24,82371957	20,668046	48,27321807	76,180426	94,13953235	22,12751437	49,71727283	87,04604501	56,23942732	479,25253539	53,27253539
ENSG000000171608	PIK3CD	38,61290324	48,78388883	56,23697201	76,64861857	0	62,51778838	87,20703271	30,11066732	79,25499023	479,3638613	53,26265126
ENSG000000168591	TMUB2	76,22752163	43,73844973	75,47208403	33,06536481	48,99257925	72,10780524	45,46565814	14,78892915	69,44817468	479,3656657	53,25628519
ENSG000000111540	AC034102.1	73,13520033	45,20401532	72,84959697	51,86707464	1,265854939	64,71148164	64,87921842	50,03361727	55,25551773	479,2919373	53,2446597
ENSG000000135486	HNRPNA1	38,89769451	43,54082742	43,54080066	134,2844234	34,55087291	42,41420987	37,02766719	59,68973142	39,04492025	478,9551477	53,21723863
ENSG000000182957	SPATA13	27,7177877	39,90850363	47,52274419	57,0204847	139,9056073	48,36838888	44,88113143	20,27002073	53,35798684	478,9526054	53,21695616
ENSG000000148841	ITPR1	16,3206044	34,32629223	21,75529558	67,75676425	69,74637576	69,8018223	80,08708006	29,52896629	96,08139378	478,9033978	53,21148864
ENSG000000179526	SHARPIN	73,13903854	17,53569674	44,04930782	34,41003797	46,71237885	54,84647164	66,49972681	62,9286097	78,53234286	478,6536089	53,18373432
ENSG000000119777	TMEM214	73,70667649	67,73193728	60,76036794	10,68403542	91,66312499	47,19496213	71,84703672	30,02114832	63,03411277	478,6234017	53,18037801
ENSG000000101717	NDUF58	45,6992515	55,86688261	55,62975351	45,62413784	35,09395395	71,78576135	73,40139254	57,27629912	63,81155187	478,5936543	53,17729492
ENSG000000187239	FBNP1	74,18192612	23,40148364	29,39850151	81,08752014	64,69556937	38,66219197	49,04749342	44,95912752	72,84620502	478,4170186	53,15744651
ENSG000000162910	MRPL55	32,20914603	68,67051222	58,90712282	0	59,90712832	0	58,06655762	50,494158	26,10538606	477,7003697	53,07778178
ENSG000000137944	KYAT3	70,60084039	29,54934609	76,17035518	26,59743724	0	72,37811133	41,99485156	79,14780625	70,24253807	477,2212861	53,02458734
ENSG000000136271	DDX56	79,78994734	36,582795	0,273333431	27,19676235	65,85587183	67,53881883	79,72979553	65,38835468	54,82198297	477,177662	53,01974022
ENSG000000174567	MRPL11	74,57327493	47,84101065	40,72808067	85,09419416	7,354908311	61,29347024	51,39391307	44,2488196	63,46157338	475,989245	52,88769389
ENSG000000174571	RRP9	75,45728885	77,90377175	1,081634626	75,97912036	11,25811522	58,1251805	51,66904074	2,357185631	47,74140465	475,7502187	52,86113541
ENSG0000002023041	ZDHHC6	67,85461324	78,12461689	0,074167582	57,5755667	58,35180984	49,04720357	56,97718918	30,6806909	77,05589351	475,7417532	52,8601948
ENSG000000182179	UBA7	73,52940735	46,55652309	3,787860689	120,2021334	0,089269322	63,83072731	23,02148525	61,96245589	475,5050449	475,5050449	52,83383938
ENSG000000115652	UXS1	42,15087682	42,60949339	2,691534491	55,43428479	147,574146	46,20832807	34,19481923	39,71049053	64,83352593	475,0742325	52,82302584
ENSG000000169727	GPS1	71,98313456	42,99856281	47,24080967	32,60097408	34,77401385	59,05931333	69,16666718	44,18320862	73,01050528	475,0767395	52,77963772
ENSG000000108344	PSMD3	92,13687127	43,25569515	29,0720152	32,24782277	19,50386006	68,53483544	76,37654976	47,63381409	59,99769167	474,7586199	52,75059777
ENSG000000120437	ACAT2	78,06067584	51,02120402	19,65711796	57,38675488	37,67434557	63,94831952	71,58309709	35,37530677	59,44149061	474,736245	52,74847167
ENSG000000173085	COQ2	28,76221388	38,66503246	96,30064349	93,12387342	73,14398393	69,85708493	54,00561514	90,88737983	13,80114765	474,7358035	52,74842261
ENSG000000136518	ACTL6A	37,28327375	77,70854583	74,421066249	58,33333674	0,097950585	55,09244341	56,7147793	18,37749503	96,67218456	474,7104655	52,74460728
ENSG000000606491	QTRF	57,55827989	36,95364017	44,69437517	47,28128421	93,36666709	76,49811363	49,60641157	17,35800472	60,74991594	474,6366867	52,73740963
ENSG000000087302	RGFR	32,80414127	70,79699483	24,95682376	67,19832597	40,86495022	63,38516783	49,52497357	68,50326861	56,46935478	474,4995	52,72216667
ENSG000000164307	ERAP1	22,42408594	39,62224142	60,03950281	102,0093179	89,31681002	43,22654411	41,01276931	44,75111333	32,04653688	474,4481928	52,731646587
ENSG000000198624	CDC69	68,71998629	55,08280309	69,76225922	56,84260726	0	51,13981144	59,58736483	62,26160329	50,85706017	474,2740792	52,69341991
ENSG000000137075	RNF38	82,00542699	33,33208636	44,42790438	77,92339662	134,0986326	34,19304	29,70159537	10,06702905	28,37051016	474,1195955	52,67995505
ENSG000000224877	NDUFAF8	31,71177771	30,43882301	86,98555749	128,981297	32,98839261	63,32129192	37,66921095	30,35386291	48,99463955	473,8714109	52,65237878
ENSG000000115419	GLS	24,74172262	34,78997152	38,61252554	72,6396075	118,475534	31,92601023	29,32790807	24,47912538	40,02673286	473,6228645	52,62476272
ENSG000000167088	SNRPD1	59,51804665	56,1984159	57,51706696	79,37532444	18,02235301	41,80					

ENSG00000115275	MOGS	46,9269155	65,76362112	10,00542209	23,51618214	97,09400071	73,18767348	57,23883728	47,29713536	39,56498228	460,59477	51,17719666
ENSG00000057663	ATG5	63,57065387	52,63264723	54,17048083	35,80646159	0	39,95936436	46,37188221	97,58191472	70,16468738	460,2582722	51,13980802
ENSG00000008711	PIGS	36,40169939	46,37861801	56,98050479	45,75092304	0	50,61916799	68,25092937	54,35405174	85,00518552	459,9844106	51,10937896
ENSG00000116350	SRSF4	45,54225266	40,92469318	81,75885264	61,63351166	49,99751385	40,62039557	43,15803266	28,81827707	57,1466257	459,6084299	51,06760332
ENSG000001060131	VM2A1	64,92223278	87,17632847	3,373412828	15,1186248	0	46,27570401	39,9324251	9,184127733	55,54661177	459,5997616	51,06660418
ENSG000001029460	NGDN	36,405534	35,84447111	97,02120798	71,94918814	3,414884716	36,90467373	35,29780026	55,17895099	57,19583492	459,2165083	51,02405648
ENSG000001002058	LMF2	68,67765903	44,18000329	39,18022929	47,7600394	72,64367904	54,13069387	65,41650588	24,04140573	43,05090728	459,0811228	51,00901364
ENSG000001148719	DNAJB12	80,90169022	75,75204133	20,36923139	21,97889782	32,50632926	63,76591849	48,92171171	56,55660614	57,6095157	458,3616321	50,92907023
ENSG000001021250	MPV17	78,12080702	42,90272001	41,561169478	55,89807011	53,11747471	54,24169788	50,83500207	38,35978179	43,25151131	450,227597	50,91141774
ENSG00000170473	PYM1	32,72178193	51,26571905	39,85998926	38,93418781	0	89,36829069	67,16782528	49,30424345	89,37008573	457,9921232	50,88801369
ENSG00000198464	ZNF480	14,5370615	16,99413584	86,94051403	52,30550379	143,3059887	33,25746697	48,3853386	23,53425388	68,43489842	457,8951617	50,87724019
ENSG00000197766	CFD	57,74847504	49,15205239	43,90356719	35,65968965	76,70186461	32,17741954	57,0879743	82,74384424	22,50841677	457,6833037	50,85370041
ENSG00000108094	CUL2	28,77178147	53,45127105	31,05470311	51,30487552	132,4274663	50,25346592	39,32070051	51,87315534	19,17320834	457,6308075	50,8478675
ENSG000001066734	CASC4	28,54192623	14,30342266	56,84800617	36,54191411	103,2115442	54,66525828	60,14805782	63,66853243	39,54960474	457,4782666	50,83091851
ENSG00000135452	TSPAN31	55,45421247	43,7626536	89,20138389	93,91870158	5,402834859	47,39399449	47,40680607	34,35865052	40,41834477	457,3715823	50,81306469
ENSG00000135336	ORC3	33,05671741	51,89845163	29,84009737	105,0388824	0	67,55155495	64,14666472	69,41902679	35,91991607	456,8713114	50,76347904
ENSG00000186577	SMIM29	38,14205723	44,97773099	65,39831911	37,61602796	0	74,9531705	70,66951711	55,07242792	69,91623372	456,7475881	50,74953201
ENSG00000131773	KHDRB53	45,49396431	74,15307914	43,72576158	67,93484014	86,39422717	17,3279263	21,94207055	22,24299309	77,51128375	456,726146	50,74734956
ENSG00000235568	NFAM1	69,93117693	34,01904694	32,39994965	18,92978499	129,4601145	51,76683801	42,34111127	28,06166002	49,64852942	456,5582148	50,72869053
ENSG00000196372	ASB13	48,96123385	74,1184152	0,462837328	21,06218406	102,1266671	42,04393902	50,43046644	58,75859442	58,17373658	456,5315003	50,72572225
ENSG00000138756	BMP2K	31,8095506	48,24289557	66,62795289	52,01370343	100,168427	42,50435986	44,97135466	37,73830088	32,18372558	456,2602704	50,69585561
ENSG00000138128	PDHA1	103,789722	39,03068508	20,54070618	65,16114879	52,4329196	68,24009476	55,43258603	5,662911573	45,95492683	456,257009	50,69396676
ENSG00000183484	GPR132	66,79995184	15,4721898	31,54948191	12,62989892	146,5925686	49,42349733	32,51937312	20,09079688	80,47145552	456,0492178	50,67213531
ENSG00000176046	NUPR1	74,1437837	80,95298663	33,461473473	38,81373256	75,82354877	44,88416201	24,08128156	63,07025567	20,79882651	456,0300532	50,67000591
ENSG00000171604	CXC5C	100,5014704	28,26266141	63,79991205	64,63221492	0	41,48857373	34,88042168	72,96552505	49,4215836	456,9428376	50,66031529
ENSG00000099995	SF3A1	42,20831683	60,1734309	43,4109534	73,30407936	32,94238049	52,71432702	51,81301442	30,46857833	68,84078448	455,9118607	50,65687342
ENSG00000186222	BLOC1S4	108,964085	47,59233035	41,94628581	71,48682359	5,996396811	47,78739825	32,58969662	45,77448554	54,59313425	455,7306089	50,63673432
ENSG00000167613	LAIR1	26,34277945	49,26955596	50,49173896	49,2950407	37,95406562	74,66078734	69,98729212	34,75888339	62,86222429	455,568304	50,6184256
ENSG00000150712	MTMR12	84,21479929	0	118,4296891	35,24488341	110,7978077	22,55999332	20,96851647	37,63232717	25,10257208	454,9505886	50,5500654
ENSG00000154511	DIPIK1A	0	109,8245785	105,942249	155,9487762	0	53,99742483	40,47037237	28,115579412	55,67592412	454,54617375	50,54617375
ENSG00000156831	NSMC2E	35,71888113	94,5803444	41,35778805	26,1720135	64,83566462	51,42063009	32,63654908	57,22671547	50,70236114	454,6509475	50,51677194
ENSG00000123091	RNF11	34,81564241	42,65112148	4,287610781	69,25844763	101,5052871	51,82039864	39,6731384	67,53097202	39,53418951	454,1218079	50,45797866
ENSG00000144468	RHBD1D	0,304635741	40,68975485	0,160542939	46,37755613	232,8612305	27,23654717	21,52162206	53,10044378	31,52897252	453,5203057	50,39114508
ENSG00000188428	BLOC1S5	70,99492689	52,94523569	45,45648606	139,0502351	57,1108959	17,46162272	17,20127087	7,015595493	44,36190781	453,3983716	50,37759684
ENSG00000011295	TTC19	30,12726442	68,91789761	57,12045641	49,47819743	16,25342032	35,73627222	46,21718539	52,39794296	57,00644608	453,2550837	50,36167597
ENSG00000053254	FOXN3	46,17001121	47,02753287	30,73830515	66,15019704	51,75354775	55,06793546	54,5073236	22,55209185	79,28755373	453,2544987	50,36161096
ENSG00000064961	HMG20B	54,84957193	29,4073285	76,25173573	44,44757021	65,9204615	46,19858942	49,54402791	29,6423024	56,85737524	453,1189628	50,34655143
ENSG00000141232	TOB1	54,42617936	54,13894409	24,92007234	40,15976602	23,07697019	73,51135033	46,63455021	70,25502903	65,46279271	452,5856588	50,28729542
ENSG00000148154	UGCG	4,632248718	49,7885737	36,58113411	98,10058055	51,190173	53,07540017	51,42992369	47,24628259	47,24628259	452,4793989	50,2748821
ENSG00000184988	TSMC106A	56,14368141	40,19007406	130,4804546	0,583583952	3,31307799	54,63870823	69,48746328	58,75213445	38,81111326	452,3903074	50,26558971
ENSG00000178896	EXO	46,33621395	26,11772728	0	17,69868861	181,3724961	51,69868824	41,37080932	47,92016459	39,95834317	452,365326	50,262814
ENSG00000111817	DSE	40,21637029	39,92861128	57,75984131	99,24583517	70,44045662	54,32959801	54,62564967	28,94078612	37,5508161	452,3019536	50,25577262
ENSG00000135823	STX6	23,96358293	65,28638786	0,901278691	48,42424571	12,86324993	85,8113991	67,0841068	59,48538648	88,11713292	451,7657484	50,21741649
ENSG00000079950	STX7	50,17346769	44,6057907	87,8876438	72,78536455	0,065744348	41,18656411	34,16419243	78,21783654	42,78995109	451,8765598	50,20850664
ENSG00000092094	OSGPE	39,52722335	46,36921886	39,56146907	63,69074713	78,44766032	56,32583284	37,75831498	24,03876997	65,97533071	451,645772	50,18828636
ENSG00000160570	DADD2	98,84503691	34,04007147	16,58794205	37,68730154	66,74590582	42,43930753	49,16758354	45,33898855	67,840780084	451,6001455	50,17779394
ENSG00000124942	AHNAK	59,01276884	38,50081631	81,75465256	81,44667141	31,02616008	28,38648629	69,90288447	37,86434333	51,2404332	451,2404332	50,13782592
ENSG00000111790	FGFR1OP2	38,62513567	45,98152245	14,40923355	66,29806304	25,02348613	46,97604024	45,12553759	79,80073427	88,72244745	450,9582139	50,10646821
ENSG00000129534	MIS1BBP1	14,60332555	51,31165314	44,07652449	13,114405	4,194492895	50,78190932	45,3067408	73,22430016	53,64274019	450,5072048	50,05633609
ENSG00000206527	HACD2	16,76432658	40,17762868	61,03950823	10,4424887	0	52,99347219	28,80119903	76,98954476	43,052011	450,2601792	50,0289808
ENSG00000169446	MMGT1	57,0404	43,11218353	15,4681275	82,5805444	106,063608	47,637469435	35,81510012	23,86759329	42,40959965	450,031923	50,003547
ENSG00000130332	LSMT	43,0280304	57,57260026	34,78873125	66,70401783	0,425994957	59,33812441	65,6750464	62,71593215	59,41356792	449,6172809	49,95747566
ENSG00000135617	PRADC1	31,85806903	72,19207695	68,90105018	68,7491496	0	62,74823093	68,74913681	51,77749633	34,54839196	449,503911	49,94487904
ENSG00000158669	GAT7	42,27441459	25,02748735	99,88221616	20,64078146	77,9844619	45,91328089	26,94633028	33,58870084	67,22308394	449,4807673	49,94230748
ENSG00000175467	SPART1	36,36715923	57,73839279	35,82839305	50,39175321	26,30608263	73,18415598	63,89616951	39,78452337	74,97792418	449,9476106	49,94167106
ENSG00000136634	IL10	66,8953524	30,48482136	87,97328423	13,6794205	0,166643871	47,88695068	17,00108443	39,86681557	45,18959521	449,1619682	49,90688536
ENSG000000000156	ENPP4	73,9283412	23,3267373	68,65701411	37,08378192	106,0598803	47,2627496	47,63225567	23,69351555	31,37406669	449,0188437	49,89082623
ENSG00000119537	KDSR	38,00074697	59,08164761	47,84732081	57,04537832	33,97214161	53,37357326	63,94096378	38,24851967	57,2925336	448,8028256	49,86698063
ENSG00000168496	FEN1	18,97475774	66,97450321	65,25829439	94,85308657	0	79,63405752	61,07973396	10,37305967	51,23855009	448,3863251	49,82070729
ENSG00000198663	C6orf89	11,73474459	15,37980682	78,77365203	102,5609359	0,048926096	59,15367564	66,82064411	53,21167014	60,66597748	448,3500498	49,8166722
ENSG00000124160	NCOA5	0,609316817	11,47754219	148,7331485	3,48021213	0	79,86762253	82,66097555	35,56476269	85,8096738	448,2841878	49,8093542
ENSG00000												

ENSG00000170502	NUDT9	33,16484347	35,34370133	17,05826531	0,653562867	155,9474112	48,25639504	45,4898699	40,65772856	61,15363022	437,7254078	48,63615643
ENSG00000171603	CLSTN1	63,12449318	11,7486113	41,33260314	28,09998319	108,7526466	43,49934177	61,09034113	34,82848952	45,19442087	437,6709307	48,63010341
ENSG00000165732	DDX21	48,95216757	61,68398313	10,50879924	93,34472548	17,98115183	52,34540415	42,38692093	58,73801683	51,53457854	437,4759277	48,60843641
ENSG00000165685	TMEM52B	29,32125432	92,76222244	63,10124345	32,08400805	8,954779646	66,38325167	43,76537519	3,693593618	97,31774038	48,3934688	48,5981632
ENSG00000112061	ERCC1	57,96727235	49,86787197	39,28413164	51,3645527	70,08445654	57,39652223	54,25196744	53,74895135	71,52927993	436,7607878	48,52897643
ENSG00000110826	EXOSC10	69,21171856	13,11393858	35,35607333	31,48899929	59,47934439	55,6081519	45,48849292	44,78590944	57,07855132	436,7125948	48,52362164
ENSG00000198874	DCAF12	111,3280427	44,30712539	12,04687799	50,9378999	0,083225386	52,25318047	50,71153164	45,5639786	69,60092236	436,3886745	48,4876305
ENSG00000122692	SMU1	62,97685498	79,36041258	19,86685124	21,28141189	34,22080424	52,87004644	43,16559208	73,30127808	49,32641721	436,2697108	48,48552925
ENSG00000166946	CNDBP1	61,78390124	64,66835614	107,3491892	26,7044368	39,77004188	32,5913912	38,59320355	27,75551063	37,08552691	436,3653124	48,46725693
ENSG00000164308	ERAP2	90,15327498	56,68482864	95,99339716	13,67805836	1,354795363	53,85052267	56,1083309	0,311646722	67,80786986	435,7407246	48,41563607
ENSG00000164902	PHAX	18,6515505	79,08065541	69,60888879	19,31004318	0,686461714	42,2704992	48,24200641	74,262056	83,48376	435,5959212	48,3995468
ENSG00000105835	NAMPT	19,22478428	52,64416972	125,5272091	92,05296374	9,194580783	31,29501645	31,55592353	49,37614077	24,71777695	435,5885653	48,39872948
ENSG00000107262	BAG1	62,17047372	31,42792564	34,66399651	64,63425357	15,99350005	56,06196498	58,57529143	65,59170547	46,13975585	435,2586872	48,36209636
ENSG00000125352	RNF113A	56,06615408	75,50783595	0	30,66419879	0,265423165	57,26551317	44,51275636	116,7388938	53,98202753	435,0028028	48,33364476
ENSG00000129235	TXNDC17	39,57467641	71,78325742	24,09552655	47,58063755	39,95467371	63,53182496	47,01821638	47,41701114	53,97603805	434,9318622	48,32576246
ENSG00000060339	CCAR1	36,73640379	35,44838126	58,26617028	52,49706784	3,615476165	65,96444616	57,05079463	44,50150307	80,63880295	434,7190441	48,30211624
ENSG00000170291	ELP5	86,20071932	49,30790392	0,301279009	64,19679108	0	89,36873911	37,48698142	63,15024791	44,11169261	434,1243544	48,23603937
ENSG00000108784	NAGLU	20,69725704	65,4138576	25,85641125	0,088904591	124,6816953	54,09758838	54,80509902	38,50378934	49,89678349	434,0413861	48,22682068
ENSG00000198900	TOP1	65,60442464	38,84971131	38,48840685	47,44907546	62,70611613	33,9463526	55,8131284	35,04304807	55,84354526	433,7801695	48,19779691
ENSG00000099128	SCFD1	44,29142583	8,365410138	52,45705718	103,1668032	0	50,57356341	34,23651044	91,92427171	48,36365136	433,378723	48,15319144
ENSG00000119922	IFIT2	34,12413477	101,6227904	134,964319	4,931706088	0	37,91427268	41,48466794	65,85981071	12,40801523	433,3097715	48,14553016
ENSG00000143569	UBAP2L	31,86151177	12,29386219	83,69412816	47,92328335	52,02729156	45,97202305	47,96067069	45,5376973	65,93675094	433,207219	48,13413545
ENSG00000140350	ANP3A2	58,12869513	46,81111004	30,28892383	63,26220421	63,69290452	42,91326254	50,14489011	30,26647483	48,1121763	432,9987415	48,11097128
ENSG00000171227	TMEM37	46,36871723	39,32593279	0,12135704	17,08435015	103,887745	22,3048702	20,64701666	111,2025541	44,61614459	432,5583714	48,06204127
ENSG00000105755	ETHE1	85,72346147	20,06848931	46,15518625	79,7574828	9,030440358	59,6860691	69,9508458	27,01666275	62,2688089	431,9696575	47,99662861
ENSG00000164081	TX264	59,34968616	54,07153201	79,12267585	13,99176638	30,99977379	70,2684263	46,58814015	33,8683813	43,39032728	431,5909254	47,95454276
ENSG00000138246	DNAJC13	49,08347508	37,13155557	26,5676958	66,6291903	92,25927308	35,59410711	42,34460841	32,83757852	48,51694257	431,1335002	47,90372225
ENSG00000095978	WAC	30,71060744	38,32485758	73,18987017	70,43617217	34,70958852	44,2163629	59,48207895	38,6384138	40,68251735	431,0911699	47,89901887
ENSG00000157778	PSMG3	67,61427065	30,37118572	41,83884143	24,3628063	31,5542834	33,18211534	30,66341277	25,11977069	45,9873523	430,6942186	47,85491318
ENSG00000065268	WDR18	50,58399489	51,53514045	23,82349597	27,89801171	120,3660834	24,98865283	53,179831	18,50545732	59,76735846	430,647926	47,84976955
ENSG00000184787	UBE2G2	50,38419166	45,91396027	73,9477289	59,29516101	0,26360841	48,21668046	42,25359478	32,05605672	57,88492787	430,6159101	47,84621224
ENSG00000167721	TSR1	98,32406473	12,28278954	100,6142576	79,38634845	101,6265841	38,08911887	48,7173354	11,14360308	41,72748792	430,4145313	47,82383681
ENSG00000113194	FAF2	68,846629	22,8128913	79,63069345	4,184473766	0,94666296	48,19920704	60,49008579	93,26423251	32,3909001	430,3022702	47,81136336
ENSG00000104969	SGTA	12,46020874	39,45177366	24,64442268	25,84538822	17,80588192	38,34257601	73,5037378	33,03455256	114,9333788	430,1224056	47,7913784
ENSG00000143437	ARNT	53,76049149	46,78346	52,76793442	23,95680908	0,05569408	51,7456957	54,2511299	86,04212762	62,19863447	429,990851	47,7767162
ENSG00000169554	ZEB2	35,10314597	45,94946717	63,14401482	79,8951396	18,0222564	33,42974307	45,47035218	87,45478697	20,91496499	429,9278404	47,76976005
ENSG00000103111	MON1B	34,37101571	22,3644797	0,080086459	57,20873399	166,6259873	43,25815958	40,14265364	3,760347282	62,10946869	429,9208324	47,76898137
ENSG00000154812	PLCL2	27,96716957	39,75361048	111,7307607	72,6673563	0,208789269	40,54520101	37,15478048	58,5945018	41,23919923	429,8613689	47,76237432
ENSG00000125871	MGME1	48,29306898	82,81032634	0,12459879	39,88239426	0	58,60041884	54,66479727	84,71921677	60,7270967	429,822441	47,758049
ENSG00000102569	LCMT1	56,40005059	47,16168819	86,36171278	31,36430378	0,137909963	34,40541913	35,46319676	75,75631214	53,4558545	429,5064023	47,72293359
ENSG00000100599	RIN3	50,87528549	37,76734948	56,32653458	63,24841713	33,93009995	47,36750789	46,26320794	33,93467032	59,85681933	429,3402361	47,70447068
ENSG00000141452	RMC1	20,73491326	77,66572494	17,63329463	21,36457883	92,74297696	51,92088274	46,0057884	28,76598662	72,41398473	429,2472311	47,69413679
ENSG00000198909	MAPK3K	76,6811296	25,77359654	22,7136187	51,22990577	0,235216992	53,49237359	44,68609335	52,64660786	101,76336762	429,2221186	47,69135762
ENSG00000135916	ITM2C	33,58666246	37,36661582	39,71144271	107,46113737	46,68947417	24,86398288	33,9172311	6,688438112	0	428,2855846	47,58728717
ENSG00000129084	PSMA1	49,34783253	64,5782763	40,33700921	54,7163477	57,1150287	28,35360812	28,77341452	39,43993322	51,12046114	427,9071985	47,54524428
ENSG00000100941	PNN	33,65203287	27,8158249	26,58767542	97,53243995	83,83548579	29,88206199	46,48044419	63,28806633	68,66991413	427,7349656	47,52710729
ENSG00000188042	ARL4C	58,82131345	35,76553775	23,6673523	70,75706687	88,42414121	40,07144837	69,67469067	15,12754145	25,57058627	427,6960433	47,52178259
ENSG00000173757	STAT5B	30,04866629	50,40919871	133,2338306	38,16684986	51,74813042	45,55013507	39,07932785	24,6531762	14,52871835	427,4180334	47,4908926
ENSG00000162639	HENMT3	32,07829509	17,1319085	58,32311228	58,16189424	0	39,93890222	62,01109978	122,44873656	36,38792171	426,9389384	47,43765982
ENSG00000138750	NUP54	56,12765354	31,64492158	0	66,10039932	0	34,54007884	40,2410486	53,40273016	47,96339317	426,6327516	47,40363907
ENSG00000105281	BCAP29	67,56757589	41,61318945	45,65233877	65,851521274	0,213531658	46,34605122	46,9562534	51,94844788	57,41815494	426,7207559	47,35897288
ENSG00000100909	PMP22	40,29930919	76,38391667	0,080713788	0	6,189741407	110,1737737	142,1420402	44,94158643	5,882324898	426,0998063	47,34442292
ENSG00000101464	PIGU	66,92435852	35,28966803	98,14084825	57,29958407	0,398281932	33,91813269	37,43236892	59,73475176	36,41966594	425,7576874	47,30640971
ENSG00000101132	PFDN4	61,63492329	82,15021689	49,18339987	80,1244666	0	77,00611391	44,48689913	70,52304023	51,39301419	425,2358542	47,24842824
ENSG00000158850	BAGAL3	16,27643422	25,91809564	30,79933475	80,02453077	59,54519661	50,11437728	37,60884502	88,51229289	36,40489716	425,204007	47,24488967
ENSG00000111802	TD2P	22,94322403	98,1776218	0,093375915	40,93269504	84,44147788	45,42059792	47,33059551	45,84127524	39,95356878	425,1344321	47,23715912
ENSG00000187778	MCRS1	55,88449807	65,28817788	44,24154826	40,06996347	0	36,02106357	58,21423254	55,52840398	63,72142368	425,9601595	47,2177955
ENSG00000116747	RO60	20,66937601	40,03570403	73,13731052	75,33916867	59,53728537	45,93437193	40,61037114	55,39915953	50,02460773	424,6873549	47,18748388
ENSG00000153015	CWC27	33,85493064	36,54846688	58,92253238	14,35247378	66,96718324	52,34108709	18,07823136	115,7895211	47,17220555	424,226632	47,13629245
ENSG00000167315	ACAA2	39,09834248	48,08935855	51,24551825	92,01670344	3,72255989	47,4801	37,7941122	60,9154782	43,85654241	424,1974014	47,1330446
ENSG00000052841	TC17C	58,86034976	24,35495666	33,61551126	39,98569768	11,4727093	35,72012416	26,50249753	31,50478304	53,71714724	424,737856	47,08153174

ENSG00000101811	CSTF2	71,3059483	44,62902974	0	138,7596596	0	47,71730807	20,13721378	36,71495195	54,47079139	413,7349028	45,97054475
ENSG00000107789	MNPP1	26,89637933	0	70,76192112	55,5254404	0	39,75914715	58,26447966	85,75746316	76,69172033	413,6565512	45,96183902
ENSG00000106918	XPO6	24,72523987	18,25566908	84,98754619	60,49702596	42,49430508	58,4202507	59,77822187	22,59021884	58,37132809	413,523538	45,94706445
ENSG00000121281	ADKY7	22,44771166	24,79459051	55,27391076	64,5836739	61,58678594	34,33560718	56,64338511	33,08174581	60,66392274	413,4113336	45,93459262
ENSG00000104814	MAP4K1	24,36894122	78,13681146	80,01060262	57,59345574	0,91634942	32,08987424	37,90683161	28,66754519	73,64628811	413,6365698	45,92628554
ENSG00000130935	NOL11	40,17609332	7,843807153	44,5731903	32,96318314	39,45234972	36,99284581	27,92156684	109,1901875	74,0969883	413,210212	45,91224578
ENSG00000178074	C2orf69	97,18052431	47,28214183	1,56645277	121,5531791	0	42,77290754	26,24899017	30,8012499	45,77436062	413,1797162	45,90885736
ENSG00000197971	MBP	37,40625891	16,42126673	141,3718827	31,70748926	8,565575547	39,46559407	42,91536953	27,83354294	67,24020024	412,92718	45,88077977
ENSG00000173039	RELA	71,27857107	63,36383589	28,0570702	52,96113941	27,4321332	41,78911639	43,92266064	20,3986901	63,69643583	412,9005387	45,87783764
ENSG00000108468	CBX1	49,93959864	51,88424378	77,8052051	29,91665773	72,79090789	24,96289229	24,85499678	42,4441248	38,03626261	412,6352496	45,84836107
ENSG00000139291	TMEM19	71,82876078	57,61250742	14,31031952	50,31283188	39,2438868	44,18826704	41,52046899	32,39155132	61,04176001	412,4503537	45,82781708
ENSG00000132394	EEFSEC	60,72195864	26,32137428	0,812807307	39,34733744	0	72,90640213	85,0095566	51,34572227	57,68893731	412,1545318	45,79494797
ENSG000000215305	VPS16	69,31141811	34,83295304	81,14639037	18,07308237	0	38,27188095	43,19103581	39,58535396	87,73016569	412,1422803	45,7935867
ENSG00000158473	CD1D	25,55398465	40,34626632	101,1734049	24,20588562	0	30,04505783	72,39743968	48,83919706	69,29031456	411,8513506	45,76126118
ENSG00000133193	FAM104A	0,477895543	40,45026377	109,8030182	65,44004897	79,04674557	41,55634938	27,97488427	22,46787856	24,62672133	411,8438056	45,76042285
ENSG00000180233	ZNRF2	39,74256854	29,2332301	66,49303572	54,21129211	5,593073683	71,96121399	50,69694578	41,85051384	51,93653914	411,7184129	45,74649032
ENSG00000144043	TEX261	139,4811243	18,45719312	0,398633029	17,27509273	63,3433906	45,08611991	60,03623438	44,38437546	22,65337628	411,1155398	45,67950442
ENSG00000116774	OLFML3	0,03566314	3,992188587	44,83549984	63,82315933	0	94,27672969	65,60394885	107,64360505	30,76580141	410,9968946	45,66632162
ENSG000001051072	FLI1	6,951161561	47,07352082	40,97314442	65,60762257	0,089488548	34,3895101	45,96097385	27,33722313	79,97930326	410,9718432	45,66353813
ENSG00000109775	UFSP2	1,190499975	44,78685675	23,41517032	56,8270913	0,258543947	41,02972145	31,20950303	132,15002076	79,14198555	410,6139599	45,62373733
ENSG00000107949	BCIP1	43,59217308	60,89256719	26,15337675	91,93082735	37,94057665	36,60660411	30,27920601	46,74296818	36,45832577	410,5966251	45,62184723
ENSG00000162980	ARL5A	20,32494508	44,48420326	64,60421286	75,35705783	61,02100826	37,29960414	29,53341247	38,29914121	38,82287119	410,5464923	45,61627692
ENSG00000160679	CHTOP	37,82465484	44,38048037	9,68606216	27,8794524	59,05488474	40,03040148	38,63370934	77,89444205	72,12497033	410,4826777	45,60918641
ENSG000000071242	RPS6KA2	19,79676415	20,27882779	61,7546384	37,85470423	67,12715007	49,3997569	80,51938043	5,126121033	76,67210784	409,9703508	45,5522612
ENSG00000172349	IL16	17,37313251	48,68859205	25,88106428	50,72471711	22,86427712	52,41808447	45,58596319	10,81958729	105,3396651	409,6387249	45,51541388
ENSG00000140943	MBTPS1	36,62306024	29,64856065	68,23689017	31,51842549	74,66177443	34,21885459	44,99052979	44,19087948	45,38533428	409,4743091	45,49714546
ENSG00000072786	STK10	53,47771738	0,060155244	62,14406475	75,48528317	97,68480541	14,7951664	23,57406686	37,69511563	44,236267	409,1526418	45,46140464
ENSG00000197442	MAP3K5	35,80370162	41,72682844	9,401568995	59,098326	0	55,40563736	55,69042287	26,93452965	124,9688091	409,074824	45,45275822
ENSG00000115350	POLE4	38,28696467	53,10483126	64,87494639	42,700656	4,507751578	69,03299217	31,32383463	64,82732733	40,26242648	408,9216405	45,43573783
ENSG00000177879	AP3S1	31,78016781	67,47034963	71,74904594	92,1156585	1,226075597	44,86212931	28,74380088	27,86523714	43,0194449	408,8319254	45,42576948
ENSG00000166477	LEO1	95,19224934	18,81343343	0	69,49079293	117,171687	30,97915333	22,10284611	25,42763175	29,531391395	408,6971895	45,41079883
ENSG00000182446	NPOC4	30,30131255	50,14311616	74,5942404	38,29234428	44,72029773	57,7530838	39,99531233	19,08484766	56,51759131	408,5221432	45,39134958
ENSG00000135441	BLOC1S1	39,23764818	56,51060268	66,64136431	62,55506336	7,806903095	54,3016501	45,99063498	53,11864699	39,84028708	408,0028035	45,33364483
ENSG00000197345	MRPL21	36,10606556	58,46919365	51,36481829	91,18216451	0	38,64395026	46,01319078	57,19734638	28,88412307	408,894726	45,32165251
ENSG00000134684	YARS	64,93779882	32,06471555	0,77856092	56,65453723	52,12714448	56,4079798	49,70226376	41,16348789	53,77147308	407,6079615	45,2897735
ENSG00000116879	TMEM9	78,46644841	98,68838227	20,35730758	39,4997958	32,43878795	29,93079299	32,75227089	43,00118128	32,45896939	407,6017473	45,28908304
ENSG00000136732	GYPC	23,82430444	34,54863675	17,71555078	42,00688815	97,81450378	60,22245926	39,32029523	54,47729778	37,48857529	407,4186115	45,26873461
ENSG00000136295	TTYH3	29,40878517	17,46839088	49,17337491	38,27959752	52,68314455	51,56459342	80,93598213	24,77988142	62,97556096	407,2693109	45,25214566
ENSG00000198522	GNP1	67,97151937	41,37375228	60,47885229	65,05990125	0	46,01737565	37,2458647	41,19405847	47,92518433	407,262084	45,25180093
ENSG00000134287	ARF3	64,23273038	71,35248848	58,3206526	25,57564352	6,836178409	48,24779023	49,5986407	50,12059357	32,85621992	407,1409106	45,23787895
ENSG00000171170	MTM1	92,90139417	39,99428736	0	45,02687684	0,178843398	46,80694308	58,14250196	67,55148903	56,31851908	406,9208661	45,21342957
ENSG00000128654	MTX2	6,072585542	69,33899129	3,076075644	3,647314729	27,19002942	57,8802769	37,41456609	131,2500728	71,00484886	406,8747573	45,20830637
ENSG00000134480	CNNH	36,43227602	33,40006522	63,53432458	29,09599125	42,7203143	43,44022122	56,78785968	38,50742243	64,1342945	406,6227703	45,17808559
ENSG00000154473	BUB3	50,46261259	62,91086926	11,18721131	66,42271341	26,35725081	45,56198712	29,71383031	55,53725942	58,26601059	406,4197448	45,15774943
ENSG00000108439	PNPO	29,60911297	27,91221738	86,22383093	32,8041099	58,40985668	55,08129556	48,07478636	28,32657601	37,16219207	406,4039779	45,15599797
ENSG00000138794	CASP6	37,27566694	67,89802576	0,286134945	69,6990488	47,6851909	64,98093097	46,68813692	20,2376292	61,40682826	405,2575927	45,13973252
ENSG00000108903	ANAPC5	57,05937121	24,95717612	32,788908	60,3647596	25,16371391	60,68707138	50,17175687	69,86592699	51,19534266	405,2654268	45,13933631
ENSG00000151176	PLBD2	51,15483224	12,9894016	49,00561015	20,76971017	72,65580977	51,34276775	66,38200549	34,65043337	47,13242919	405,0829993	45,12033326
ENSG00000169217	CD2BP2	73,70353985	30,8366911	91,18765434	101,1254861	0	55,36310383	47,44420808	28,83404252	64,21790683	405,07918145	45,07918145
ENSG00000188846	RPL14	28,18651846	51,04210111	45,18062819	57,50491383	36,8443108	45,54527541	43,09860813	58,8009577	41,38780071	405,5911144	45,06567938
ENSG00000134701	RPS29	20,2913331	34,34505456	49,21476003	86,98715964	51,06801009	47,25375897	38,5268475	51,08394228	26,61692193	405,3877881	45,04308757
ENSG00000143151	TIPRL	12,61262323	62,19615131	1,745010038	61,17966919	5,072281672	48,79416521	57,69429893	65,02902506	90,99829716	405,3251609	45,03612899
ENSG00000168827	GFM1	47,92734093	46,19452526	8,063638832	31,89462046	85,28644025	42,78185708	48,96254098	63,62239226	55,3185398	405,0359331	45,0359331
ENSG00000164808	SPIDR	11,70162103	67,85136608	71,34463153	34,02589777	87,75013373	48,3831515	26,5305062	46,27056202	29,00667267	404,9697012	45,99663346
ENSG00000162729	IGSF8	37,42784968	32,17929022	48,47492467	35,94651383	109,7303602	41,28561805	34,07836178	23,7117398	42,51812797	404,835498	45,981722
ENSG00000139343	SNRPF	31,68207192	62,38729414	44,67047926	79,83255385	51,92629597	34,23984297	25,60534873	45,49854873	28,88744001	404,7301793	45,97001193
ENSG00000136100	VPS36	20,76502293	42,35754571	58,49807862	80,07868792	65,97348733	32,3197668	29,17155136	28,61140522	26,24370072	403,9570109	45,88411132
ENSG00000103274	NUBP1	47,07229541	63,77802048	18,05804224	51,5644558	0	52,95560095	47,49260649	89,4117065	69,96574906	403,9496672	45,88329636
ENSG00000182158	CREB3L2	28,58524023	34,73941434	115,1122313	57,98225159	29,19588513	51,57978415	39,70544059	1,800937804	55,22188501	403,9230714	45,88034127
ENSG00000109804	CDC34	92,78859223	36,95093032	0	17,2115725	76,41202195	60,88059705	58,36291578	38,0331234	22,86258054	403,5121899	45,83468766
ENSG00000114541	FRMD4B	37,8147424	48,78791145	17,39702253	40,9771111	53,2215981	56,71561452	38,22027921	60,82993288	49,52899482	403,4911556	45,83235062
ENSG00000140564	FURIN	37,649										

ENSG00000142186	SCYL1	43,19461431	20,85270575	9,413151413	26,62974869	42,10112243	60,40508853	64,61048157	42,82839444	83,89568602	393,9309932	43,77011035
ENSG00000139842	CUL4A	72,83788674	63,69788201	20,28013009	15,69684347	68,40450544	39,56116785	32,34317786	35,4414652	45,55178423	393,8508879	43,76120977
ENSG00000151694	ADAM17	23,20777229	34,94576206	54,3030891	73,20743101	91,93409084	40,65194968	26,4246355	22,53102679	26,58901872	393,794776	43,75497511
ENSG00000139597	N4BP2L1	49,7294328	67,68891065	26,91166992	35,52129838	53,09932272	32,6997056	43,57155575	38,70446198	45,80918758	393,735547	43,74839411
ENSG00000158825	CDA	33,35489426	12,75309513	0	0,318213384	114,304486	11,33047841	7,1915922	93,89177345	120,34498533	393,4914881	43,72127646
ENSG00000137745	MICU1	89,75622881	28,19250001	51,95889701	48,56967206	0	37,61658524	29,38064368	39,47469067	67,49721824	393,1464337	43,68293708
ENSG00000110844	MCC2C	66,54272845	35,49460869	67,92919914	79,15373401	0	27,51432858	37,084008	26,66031053	52,71193607	393,0908515	43,67676127
ENSG00000170889	RPS9	48,45088	34,26535782	33,97247492	56,3823249	44,05531189	43,90616795	42,2128975	51,20814511	38,47333907	392,9552914	43,66169904
ENSG00000172059	KLFL1	63,28618589	48,21186157	114,48375	27,37715667	0	36,83961516	43,0706821	20,78702438	38,79556266	392,8491384	43,64990426
ENSG00000152133	GPATCH11	45,5949645	44,46909407	14,79349537	99,6590757	2,666714423	44,10530054	50,59187397	42,53118196	48,39369837	392,8060608	43,64511787
ENSG000000003147	ICA1	47,44061127	38,1647942	0,056928138	117,7760975	50,89275841	31,08912097	23,40845227	31,33139561	52,56073055	392,7208889	43,63565432
ENSG000001020570	ETFRF1	43,13943299	73,07032606	14,20336272	47,08680604	0	39,96386154	44,2148088	99,55915802	31,4266017	392,6643579	43,6293731
ENSG00000184182	UBE2F	35,12126288	45,68157717	103,8981776	23,21200694	18,6422509	35,15519063	26,17172569	68,69109344	36,04668271	392,619968	43,62444089
ENSG00000115944	COX7A2L	41,86868164	50,99721179	34,12137522	74,43979026	27,35828556	40,96703625	33,98108189	42,68235984	46,05545396	392,4714112	43,60793458
ENSG00000167969	ECI1	37,68331647	41,09167355	65,24376855	10,18004739	36,87567773	61,82809881	54,43313405	43,7279203	41,29927217	392,362684	43,59587378
ENSG000000089234	BRAP	0,292095175	21,76926032	0	44,32980346	127,0332028	53,02296781	24,84614392	68,55665641	52,44895409	392,299084	43,58878711
ENSG00000161204	ABCF3	44,40160805	14,47050164	58,67104451	46,65459216	99,10733788	31,00268699	41,75918674	6,028669851	49,93264541	392,0282732	43,55869703
ENSG00000165609	NUDT5	85,2326516	61,90385417	0,167997642	58,55729943	45,21524254	70,9565178	58,76682552	40,67194123	54,84793617	391,9406016	43,54895573
ENSG00000183011	NA3A8	16,33207403	32,70697582	32,04711383	73,59360062	32,8990852	53,79498884	61,21764011	49,31859217	39,88574359	391,7958142	43,53286825
ENSG00000147457	CHMP7	27,08282258	52,2423359	52,24700456	44,10012129	0,152881031	40,18864119	56,61922176	30,38478782	88,53225135	391,5320675	43,50356305
ENSG00000177981	ASB8	75,00054575	37,27475674	67,35200636	40,42384702	0	43,12213227	43,32810535	39,3066231	35,65924641	391,4913022	43,49903358
ENSG00000136064	GLCE	38,42721299	32,51676743	70,52252136	53,87933337	38,78252795	37,13594206	28,12200805	21,87945326	69,99378607	391,2927372	43,47325302
ENSG00000187735	TCEA1	26,20595571	62,92876511	45,64712358	49,48712679	71,79042533	34,35136077	33,89606159	30,82128048	36,80976719	390,9478665	43,43865184
ENSG000000239306	RBM14	40,68509142	26,42598324	42,99971559	70,25427307	0,091216038	69,61575445	66,41609649	22,57731741	51,78400684	390,8512446	43,42791607
ENSG000000204843	DCTN1	17,32726823	22,70691906	98,36751467	32,09507686	53,19126257	22,0281693	39,45698029	45,48658622	59,80060047	390,5269877	43,39188752
ENSG00000184983	NUF6A	35,42987956	60,02896471	33,37331697	60,44256474	53,5059717	43,11800298	47,40581407	45,97147585	29,13695476	390,4129417	43,37921575
ENSG00000071462	BUD23	21,68505168	49,01084896	55,25309369	20,29932204	39,19371969	53,71626426	44,41371772	43,46728639	63,32912082	390,3684253	43,37426947
ENSG00000168564	CDKN2AIP	32,25448544	25,97938681	101,8452617	76,03833631	36,22480813	38,88464575	29,90662708	38,84560738	10,32223523	390,3013944	43,366812
ENSG000000005844	ITGAL	31,77711475	26,55732726	100,7205396	26,97241935	0,055487877	47,06610303	79,27196965	28,59137173	49,21831569	390,2306489	43,35896099
ENSG00000111142	METAP2	30,38362176	16,2998811	48,77495391	69,25729007	78,52447709	30,25666646	40,09949635	40,09949635	36,00233421	390,2862627	43,35851396
ENSG0000013977	TAX1BP3	23,63496254	60,19118032	73,67177134	18,51674693	34,58554173	45,29202565	36,0693134	35,41224909	62,57685128	389,9506432	43,32784924
ENSG00000183049	CAMK1D	30,4739076	49,82140791	73,44486751	41,33505418	28,73104282	44,388952738	42,47260953	13,53869091	65,2859616	389,3030694	43,26589661
ENSG00000162869	PP1R12	47,5480485	43,12538921	49,08803149	93,7297915	0,179648595	50,79403349	29,81411091	64,63227409	54,43378629	389,3483017	43,26092241
ENSG000000204632	HLA-G	55,97002525	42,89055248	41,15303791	11,39647932	50,51681821	42,33634752	99,56494298	3,561121261	41,744314231	389,3336647	43,25929607
ENSG00000073614	KDMS4	29,89467249	48,16842479	45,01571696	78,46824644	46,30421376	40,64404335	29,7720935	29,26932609	41,23945242	388,7761898	43,19735442
ENSG000000582727	PP1R12A	57,34151965	66,83208819	33,66970862	74,2922617	0,21186615	35,43639593	46,87158727	34,89839119	38,89555924	388,651931	43,15404013
ENSG00000137275	RIPK1	91,5519262	26,22778035	40,41767841	40,94942043	0	39,99238367	62,35824239	31,52668168	54,80261544	388,2267288	43,1363302
ENSG00000116750	UCHL5	26,54246625	99,35061646	52,87506161	56,64494419	0	31,85702261	27,0116283	48,01991613	45,72923735	388,0308929	43,11454366
ENSG00000100889	PKC2	69,11622186	47,94422489	25,28298346	69,32934513	0,085728704	58,894492316	34,306895	15,46077232	53,50463258	387,96147	43,10683
ENSG00000152193	RNF219	19,82060522	5,046299403	31,46794961	85,56464807	13,1746712	35,38668702	24,3284362	38,25930203	16,79878474	387,6419862	43,09355402
ENSG00000079277	MKNK1	45,65149582	36,45003396	17,32639279	55,4203899	0,133500945	77,50717152	51,3697617	33,98521574	69,94001092	387,7839733	43,08710814
ENSG000000225663	MCR1P1	47,45017919	41,59583362	49,61265857	19,60864007	20,14373761	61,67100073	51,11754267	43,63226173	52,52184325	387,3536974	43,03929972
ENSG00000141349	GP3C3	52,19640015	37,59055066	21,74487261	18,389491	33,21463024	55,81390748	52,65839027	69,70274331	55,04748671	387,2582755	43,03920839
ENSG000000008896	HEATR5B	20,26914064	3,320039331	79,87119377	55,68366567	128,4680016	20,96539334	17,01266823	24,70838718	36,97529131	387,2739811	43,03044234
ENSG00000102096	PIM2	45,80935248	46,42226586	39,36625089	40,54368131	70,62688356	40,82021993	60,4402541	15,79766857	40,25216238	387,0805121	43,00894578
ENSG00000158176	FBXO4	20,86668001	37,72136962	166,5667083	0,952317426	0,119149815	55,43196773	31,593698	55,14551674	30,70772233	386,8168569	42,97965077
ENSG00000106355	LSM5	50,5954882	78,01532953	4,085330528	79,12933186	14,15053149	46,82247372	32,86475111	61,23068663	28,56876084	386,5997139	42,94552377
ENSG00000123545	NUDUFAP4	32,97389219	23,99386814	41,1297085	79,77564569	3,100700915	61,20719863	55,25027963	47,98304159	43,81937771	386,332663	42,92585145
ENSG000000065135	GNAI3	40,2954107	37,36995379	40,13233641	66,47936978	33,2816358	43,3261492	33,30576325	48,34975308	40,91891934	386,3171454	42,92412726
ENSG000000213672	NKIPSD	15,59112271	34,23089363	39,98619089	7,605216398	15,1540678	38,36670964	39,12948273	11,65333217	41,38346874	386,2462205	42,91624672
ENSG00000175224	ATG13	0,021584141	67,63873335	64,79981739	63,43541305	10,0590356	47,34854577	51,3638011	34,69067378	56,7812757	386,2182746	42,90919374
ENSG00000109667	SLC2A9	91,92483719	38,99953049	48,1893684	5,039178749	19,61384284	27,91044242	42,27146218	68,20073753	43,96610545	386,1154872	42,90172081
ENSG00000111725	PRKAB1	70,85340064	44,15777724	32,15956458	28,59057652	0,41605806	76,72191122	55,96533346	13,56302098	63,91742358	386,0851265	42,89834739
ENSG000001671791	FMNL3	25,86283043	47,6519216	32,3463984	37,03467698	43,15299875	63,58153372	62,66501859	13,49818435	59,97238874	385,7659515	42,86288351
ENSG00000187325	TAFB9	48,39958314	24,11807387	73,68759719	122,3102879	0	37,00382149	32,75532616	6,898825909	38,66423078	385,6377441	42,84863823
ENSG00000110713	NUP98	13,54868606	17,30035724	0,22453966	41,58016677	116,3578547	44,6269968	47,39342811	14,5799582	39,93148217	385,5434698	42,83816331
ENSG00000108829	LRRCS9	55,68457813	23,50672159	79,96520028	42,7607536	0	42,31816031	47,78374538	41,55906125	51,21013202	384,7312743	42,74791937
ENSG00000138172	CALHM2	49,4464126	23,55301352	137,6444467	12,84525454	0	57,01174257	34,79904317	29,76887996	39,4654777	384,5382708	42,72644573
ENSG00000154832	CXXC1	43,59429753	35,26387035	83,47778047	5,047403963	58,70270546	44,75244776	33,00168955	19,05029111	60,93046435	384,2108706	42,69009673
ENSG00000107819	SFXN3	63,6289382	74,75087932	0	56,90872908	77,05746435	50,69390327	72,63786657	44,6668191	20,58718763	383,9518696	42,66131884
ENSG00000141574	SECTM1	98,64800172	23,72617495	53,13635124	24,41033028	0,485130081	31,15375908	56,90869837	68,63129315	26,37797953	383,	

ENSG00000172543	CTSW	94,81272352	16,9669823	71,18000169	72,83341692	0	15,69822133	36,65425429	14,46017622	51,21494937	373,8207416	41,53563795
ENSG00000161920	MED11	36,29114112	28,7424399	26,21386279	42,3089952	56,76688424	42,43387866	43,15702736	36,98894413	60,89814807	373,8018845	41,53354272
ENSG00000184924	PTRHMD1	19,86430037	26,85616276	33,49681944	45,73508162	152,1144728	19,0580732	17,802678054	42,5755564	15,12375556	41,49718224	41,49718224
ENSG00000100029	PES1	68,82924601	31,86666579	51,08889824	25,64961768	29,11335057	41,01036787	47,699236	27,73694183	50,41297313	373,4073511	41,48970568
ENSG00000113742	CPEB4	50,43927836	16,65543529	30,66577755	46,16951541	82,85704049	17,740488	39,69273068	49,56356646	38,47297948	373,290012	41,476668
ENSG00000138095	LRPPRC	23,76359892	29,33304488	2,494835352	68,85061256	63,81606108	28,57275289	41,18950269	74,60150187	40,58674549	373,2086557	41,46762842
ENSG000000081870	HSPB11	33,57493829	64,96394563	54,97752267	67,1689845	0	37,17094194	41,48740891	41,86593717	31,70187859	372,9115581	41,43461756
ENSG00000124201	ZNFX1	61,38262026	29,68509937	53,69123111	3,883293519	18,37882069	56,23906701	34,71256294	81,08736925	33,84635272	372,9063989	41,43404432
ENSG00000147155	EBP	38,00328002	47,92583259	60,06131098	56,08330902	0	51,80013481	30,27739218	30,27739218	35,21431772	372,9330929	41,39325588
ENSG000000088356	PDRG1	86,01797431	42,4752274	0	79,86716903	11,37725479	53,4949279	33,65964451	15,70281798	49,76166462	372,3566805	41,3729645
ENSG00000138594	TMOD3	44,04549083	18,71344658	25,779569	43,85729868	99,91249909	34,31502616	18,85831363	36,642337	50,16737386	372,2914515	41,36571684
ENSG00000113408	KPNA1	0,017781898	15,2403608	52,37069175	93,83587696	74,96758298	38,57840663	30,65149556	32,58462786	33,94137474	372,1881992	41,35424435
ENSG00000133265	HSPBP1	56,41368328	35,51303831	88,76891024	37,56885652	0	39,04679009	36,59310098	39,3410791	38,9360042	372,1814627	41,35349586
ENSG00000090659	CD209	44,50469911	47,93023065	48,30329314	21,9317797	0	36,72284401	30,95541268	131,4551655	10,2733465	372,0767713	41,34186348
ENSG00000173875	ZNF791	49,90667648	88,77510662	0	77,62835137	0,162203045	27,57682576	50,15413	17,11374454	60,63375697	372,0047948	41,33386609
ENSG00000113048	MRPS27	55,18982292	21,16802151	34,9663187	128,4436482	1,434043327	28,31003697	31,79635199	38,51940359	32,13994534	371,9675926	41,32973251
ENSG00000136411	EXOSC1	13,50732429	48,49802991	0,747928517	89,63057872	1,431387193	23,21260087	25,54418418	48,99717354	17,612361	371,8889185	41,32099095
ENSG00000173551	VEZF1	80,52258787	40,33318503	37,96529515	48,01246022	18,49312807	38,29484917	34,47688748	36,5206534	37,20900406	371,8793712	41,31993013
ENSG00000197006	METTL9	21,55928176	7,86631872	44,81744441	67,85134964	35,68966227	56,31367194	34,10598698	57,64664611	31,99457603	371,8449379	41,31610421
ENSG00000149196	HIKESHI	6,294439733	63,34493506	17,65210066	46,408009	60,14931164	34,16800982	30,4812866	61,89030787	50,67065099	371,0918433	41,23242703
ENSG00000173266	IQCB1	39,5730403	41,21881286	77,08002745	0,598670869	0,117704865	28,54901762	29,73289087	105,2711897	48,91339147	371,054746	41,22830511
ENSG000002013064	STF2D2	35,12037601	24,86116431	42,6251021	50,73541763	19,56145301	52,92217558	34,59947887	64,60221152	49,99477887	370,9420714	41,21578571
ENSG00000169087	HSPBAP1	12,57173343	31,81262297	61,10967465	40,2065094	64,56860863	47,99062628	30,71661204	35,01574756	46,7944136	370,786585	41,19850944
ENSG00000136193	SCRN1	29,00783276	44,82334029	51,15605988	62,515671	0	69,76034996	62,44472542	0	50,94800495	370,6559843	41,18399825
ENSG000001025149	C16orf70	33,11006133	24,09457033	28,7999499	67,10381409	77,36228699	43,7792536	50,54571799	15,2337814	30,62650987	370,6559455	41,18399395
ENSG00000141562	NARF	40,49206069	54,07535979	19,55233175	28,65398067	87,65932686	22,39656604	33,66895511	28,08213966	55,57329475	370,1339706	41,12599673
ENSG00000160712	IL6R	71,37532331	21,06740958	75,12742796	10,71560023	31,88816857	40,93129368	41,37623842	31,03140725	46,48323058	369,9957486	41,11063873
ENSG00000189077	TMEM120A	19,34215304	45,18192701	94,79121375	9,393659086	3,05249911	45,29358744	61,48046268	35,52171621	55,84687994	369,9040981	41,10045534
ENSG00000100564	PIGH	50,68207994	65,21375785	41,78758502	63,3712047	0,123535446	33,84415961	31,11940467	42,39838104	41,36315786	369,9035391	41,1009324
ENSG00000153774	CFDP1	71,40937312	54,9952408	8,085178291	68,5394416	11,62959358	27,21231948	45,48534674	42,30751434	40,17851351	369,8425215	41,0936135
ENSG00000153029	MNT1	39,92758981	27,8812606	29,91527381	40,80947078	61,35116764	39,73831635	44,30654321	35,59458719	46,26282171	369,7470311	41,08300346
ENSG00000168852	FRTA	36,39455315	41,69385506	34,93981448	13,71132929	45,21456499	35,96848071	24,5305449	76,59489596	30,67773053	369,7258591	41,08065101
ENSG00000197548	ATG7	67,48907958	42,25672638	14,47649106	26,91178103	102,4946592	26,22112137	39,95789018	13,8039537	36,1046793	369,7164037	41,07960041
ENSG00000132357	CARD6	21,0080115	3,512503393	0	88,44322927	34,77769884	75,21279471	42,58852161	97,62312486	22,38582841	369,6589399	41,07321554
ENSG00000141357	POGK	57,57870821	13,71180682	17,60409008	63,90595451	0,467600967	27,19382899	53,14072537	53,8598957	72,28831347	369,5763182	41,06403535
ENSG00000167528	ZNF641	36,55613286	9,492872318	38,47895399	48,1232358	128,1109665	24,434167	40,65866553	23,39635833	19,80403701	369,5535359	41,06150399
ENSG00000203879	GDI1	46,20142448	48,97570778	10,57762934	41,65229142	0	56,97652035	54,80971885	43,25323106	66,82837273	369,274896	41,030544
ENSG000000065882	TBC1D1	33,48349336	29,02522148	36,1820556	44,10046555	33,82501699	45,9446739	37,18976747	69,74418597	39,65822655	369,1528718	41,01698576
ENSG000000064703	DDX20	12,12131346	82,53108293	37,22992194	61,76473347	73,04521542	9,995186441	26,17241482	49,63914794	16,83761864	369,9367711	41,99239635
ENSG00000122008	POLK	57,28738473	33,92636838	68,26617258	31,12305314	104,1657803	25,34668997	33,32095143	21,41201481	25,37146921	368,8063453	41,97848281
ENSG00000122604	ARL4A	9,99625456	47,86914367	31,63622884	15,86717558	49,0840607	18,88187316	33,31876041	118,9933129	43,59746868	368,6479947	41,96088831
ENSG00000116237	ICMT	36,46959917	27,68798249	43,98992605	7,758962587	87,62175473	30,64783973	49,49817374	15,34400848	39,38017827	368,3984852	41,93316502
ENSG00000170185	USP38	26,81839074	20,14422371	59,40142349	43,12814772	134,2524961	31,91653318	16,49950173	0,297038907	35,58458517	368,3128056	41,92364507
ENSG00000118557	PMFBP1	81,43667549	36,89249448	13,77444876	34,27534985	77,67944028	14,08097145	22,48809324	33,21183845	48,82104414	368,1373541	41,90415046
ENSG00000185896	LAMP1	20,08315022	19,6167288	32,19940182	54,26865967	58,17441463	42,59748999	69,0622768	35,85799261	35,99740518	367,9575079	41,87305643
ENSG00000176336	PSMD6	55,1074064	62,92798665	37,26511685	49,7627566	14,91894646	32,15278961	32,76009326	49,47646262	33,30692359	367,6829847	41,85366497
ENSG00000160619	COMMD5	54,49719587	67,47213852	17,05806629	12,34454114	32,13221754	36,8687299	58,1112165	37,26875929	55,30160484	367,5726336	41,84140374
ENSG00000149084	HSP17B12	36,70051962	54,28172682	13,90621024	48,52795342	23,73638499	45,7605361	42,65275801	48,17766828	53,88007651	367,533861	41,83709567
ENSG00000134186	PRPF38B	26,09400365	30,38043078	56,75648893	59,76555205	15,9360141	34,76553634	36,04453247	60,48069079	65,84124096	367,5260774	41,83623082
ENSG00000112237	CNOC	39,97929101	52,38567417	58,27176406	27,86097144	47,88233898	1,61159771	25,69793431	47,59200188	27,62852042	367,453724	41,82819155
ENSG000000085377	PREP	64,5655797	42,09922621	0,12469691	1,609445285	19,9499226	21,82495306	34,7524067	38,8724752	23,7596756	367,182159	41,79791288
ENSG00000179029	TMEM107	44,28691085	24,41507936	0,703079605	66,24432014	87,99117778	38,29109105	26,21084073	53,48798564	29,0566414	367,0561513	41,78401681
ENSG00000120699	EXOSC8	18,10294827	60,84426027	95,06607693	48,5462788	0	28,29634504	24,24994614	58,98876168	32,35451406	366,7174803	41,7463867
ENSG00000115561	CHMP3	52,09966691	35,83376494	22,45543754	47,17573483	87,69446753	33,80141397	28,2974121	33,04816474	26,2128589	366,618924	41,735436
ENSG00000178107	TGIF2	107,13300054	8,571365218	47,29789754	6,806395562	0,90389515	50,36198226	38,30745349	60,88046902	48,812728	366,2589858	41,69544287
ENSG00000116001	TIA1	10,42935035	37,1338975	101,9021946	68,88817364	1,902393519	39,70101737	32,7396477	43,11103333	44,10584939	366,0930064	41,67700051
ENSG00000168275	COA6	53,31361522	34,75478472	21,98436635	44,0337474	71,0710083	32,94884915	21,72025958	36,4401719	22,04681943	366,0237965	41,66931072
ENSG00000136816	TOR1B	0,05198162	44,82869351	44,5609653	15,34911615	0	56,39790842	73,02917157	108,3261585	23,39863335	365,9326285	41,65918094
ENSG00000142892	PICK2	46,50610055	58,25791007	0,100827022	19,40212905	55,88009636	47,42021561	53,9972974	57,50625072	56,65723684	365,7280636	41,63645151
ENSG00000065978	YBX1	39,96974741	50,70608661	21,77988404	72,70824329	23,05968313	36,65182107	36,80955837	50,90346946	32,8447462	365,4332396	41,60369329
ENSG00000151748	SAV1	38,3547079	20,05111581	72,53157467	17,10213244	48,09496038	40,49043207	24,55920175	64,79569349	38,85281647	364,8326364	41,5369596
ENSG000001												

ENSG00000147224	PRPS1	17,16772781	53,66929091	93,68448628	72,62010349	0,547643984	39,53263837	41,61616044	16,502832	23,73564047	359,0765238	39,89739153
ENSG00000187098	MTTF	50,73493742	9,409801424	48,07844074	16,16990164	105,7198837	41,98015846	51,63136486	21,94921163	13,3024805	358,9761804	39,88624226
ENSG00000127419	TMEM175	51,88506583	35,45128845	30,7673857	25,42369474	7,434119701	44,14512723	35,46277118	32,92489066	65,40279213	358,87751951	39,87751951
ENSG00000100576	ATP13A1	56,69132068	26,97779903	20,38542896	29,78011314	0	37,43358627	56,31830191	63,92064789	67,27737458	358,7845727	39,86495253
ENSG00000123200	ZC3H13	21,9489392	55,84876729	37,28968303	20,79345438	48,62867841	31,96990947	42,86648362	44,55152864	54,85776456	358,7562095	39,86168994
ENSG00000007523	TTC38	51,39786599	19,18511795	0,077691475	58,26915727	60,32130882	34,073531674	52,46048538	29,82961579	53,08416595	358,6607254	39,85119171
ENSG00000122294	ZC3H7A	83,15678637	26,90146852	3,618815495	44,12300759	2,28672542	49,78825633	51,9671235	47,31849187	39,2870634	358,53052046	39,83672273
ENSG00000104613	INTS10	29,08954802	47,3239432	24,82415208	49,82229224	44,55054431	48,20883031	30,54286867	31,15611515	53,27150994	358,4497769	39,82775299
ENSG00000008549	WDFY1	0,082649355	22,92772982	25,23866715	95,52551121	83,08480606	26,16456679	30,90436072	44,09810454	30,90436072	358,3513979	39,81682199
ENSG00000069998	HDHD5	29,66493982	42,58981525	20,66829342	43,0310108	34,99504414	53,24196789	57,70211784	19,41370028	56,96632662	358,2732161	39,80813512
ENSG00000068438	FTSJ1	24,83432777	73,19753763	0,387158912	58,05621475	0	44,07721798	57,92954743	43,03012822	56,75048478	358,2626202	39,8069578
ENSG00000136159	NUDT15	74,54164373	71,94728589	73,15265763	4,981730681	0,185303169	40,23631117	27,19171282	35,80560329	30,11135603	358,1536044	39,79484493
ENSG00000124486	USP9X	24,80425775	10,59153321	25,65305323	70,80202816	101,9851189	25,00616592	51,74143991	4,459652515	43,07352975	358,1167793	39,79075326
ENSG00000138495	COX17	31,23786659	44,93724127	29,05224791	76,40637378	12,23512805	40,94294158	35,93119084	44,72733096	42,5256545	357,9959755	39,77733061
ENSG00000108826	MRPL27	46,8843062	52,38535763	26,69345321	68,94904296	0	39,44496492	26,25736749	62,80445091	34,4000862	357,8190115	39,75766795
ENSG00000044276	ATP6V1H	47,07402182	54,74215597	22,16651651	10,94045544	0	44,76074924	49,46048354	78,65948267	47,62681253	357,4711183	39,71901314
ENSG00000166275	BORCS7	102,7306354	60,20322602	10,47044686	67,06452818	0	23,03632823	27,33659375	39,53005704	26,83382209	357,2105878	39,69006532
ENSG00000146859	TMEM140	35,43093442	32,69176136	102,9956528	69,71803472	0	18,79315655	46,81404951	21,71467975	29,00587745	357,1426065	39,68251184
ENSG00000171530	TBCA	18,84063556	47,45497769	57,88297342	59,24288964	31,26246462	30,2617506	27,7667125	51,41966484	32,71278071	356,8448496	39,64942773
ENSG00000106095	VPS11	30,33978954	40,71836365	35,67105384	62,60212764	21,46072329	45,50112312	43,88381681	40,8917672	61,66568201	356,7524471	39,63916079
ENSG000001062302	RPS6KA4	35,00596569	20,91887944	32,42005883	35,84658587	6,603159434	57,52612589	72,6719417	30,63919158	64,48732753	356,5195399	39,61328221
ENSG00000128050	PAICA	21,52978864	24,96998804	101,029883	91,1554135	0	20,3277426	31,6638579	34,11164353	31,57190487	356,3602221	39,59558023
ENSG00000106591	MRPL32	77,17529145	32,57949257	25,74503001	36,7546882	25,45264297	31,07735341	27,42561754	62,97704471	36,97006459	356,1575849	39,57306499
ENSG00000141968	VAV1	19,94477261	21,39662446	83,4391668	16,70564903	6,164392979	60,07571567	58,2967003	33,03579183	57,07742878	356,1362425	39,57063691
ENSG00000090520	DNAJB11	47,35395809	37,29003212	42,97511214	32,32661524	10,08862752	43,19291231	68,1537504	51,02680025	35,1522649	355,960073	39,55111922
ENSG00000122482	ZNFB44	47,29657525	60,30021307	62,214705001	68,25350664	23,18867876	33,75376935	24,1898351	50,40821914	52,14852097	355,9200234	39,53222482
ENSG00000132603	NIP7	40,8018385	41,03522177	19,3953231	76,1793718	62,07343692	20,70384937	20,65605592	53,911542	31,0266538	355,7832932	39,53147702
ENSG00000107164	FUBP3	45,9762436	26,63958081	41,80436745	27,97848887	10,55108333	52,56473216	42,27949282	50,39339838	57,41737172	355,6047588	39,51163986
ENSG00000167397	VKORC1	43,19416312	58,03621372	47,21853736	34,43388478	28,20466543	39,77308346	36,95359093	32,89257339	34,87804306	355,5847581	39,50941757
ENSG00000136490	LIMD2	58,30050011	24,49455442	37,85584594	26,96675911	56,08613269	25,38770559	27,67689075	43,26042359	55,31193064	355,4407488	39,48230543
ENSG00000121481	RNF2	28,39609802	47,23033693	47,07639568	36,20756688	69,4168113	41,54135791	17,12127162	67,00055472	20,88751236	355,2700219	39,47446868
ENSG00000166199	AKHB3	0	23,99758236	53,14325422	82,44666105	8,902493697	32,97828436	35,4796359	73,8618445	44,27502069	355,079677	39,45329744
ENSG00000106077	ABHD11	16,76805808	31,86309481	21,98095147	34,19855499	43,7122871	43,48901093	51,41597703	55,00024911	66,82030923	354,9534344	39,43927049
ENSG00000156853	ZNFB89	40,94773098	9,799851891	109,478197	0	0,086347089	54,82033783	62,02620885	28,84052609	49,42203742	354,9235599	39,4395611
ENSG00000163159	VPS72	54,32666061	41,88796921	45,19852434	35,93955866	0,079013761	41,46851818	32,29929339	47,40227459	56,22419541	354,8260081	39,42511202
ENSG00000072518	MAR2	52,74382609	19,43310563	39,38879531	30,08800348	52,81140329	45,4272541	37,88168295	22,87376109	45,22021182	354,8071907	39,42302118
ENSG00000105849	TWISTNB	41,64343994	52,90846456	2,39395222	11,9282432	0	17,65006135	13,91960805	78,08902014	28,38537308	354,6185153	39,40205726
ENSG00000147522	LACTB2	94,79607228	51,90740581	0	93,86635991	42,0085738	21,72638504	24,48359998	0	25,5875666	354,3759615	39,37510683
ENSG00000166526	ZNF3	3,343154218	22,9878374	55,29876969	43,93212976	108,1192748	18,13882227	9,854417668	51,59994076	41,08222349	354,3465701	39,37184112
ENSG00000178209	PLEC	23,94147821	13,91920688	84,19078273	37,27037316	19,10182851	33,96133163	41,04314668	10,56005598	39,13594859	354,2158171	39,35571302
ENSG00000137309	HMGAI1	35,06648395	28,57723078	34,64299612	67,84085072	14,50668199	43,77700649	56,61531955	24,85004248	48,31849849	354,1951008	39,3550112
ENSG000001031074	NAGPA	43,86725538	11,88156565	40,0445438	12,41867768	41,38626673	39,57166928	61,86575086	52,05971304	51,03662701	354,1320694	39,34800772
ENSG00000120675	DNAJC15	38,76077395	57,02733609	40,73995474	10,107107319	6,215581918	46,39959597	35,33979467	46,74058881	23,74281308	354,0657124	39,34083471
ENSG00000146085	MMUT	30,57104434	27,37004409	82,71567364	37,52095673	0	55,41961799	38,91522761	54,27767273	27,21132496	354,0015171	39,3335019
ENSG00000117305	HMGCL	84,89900932	34,73267912	56,01091547	29,44095751	3,637117966	40,97649282	34,68938106	31,29382098	38,23929891	353,919584	39,32439823
ENSG00000196365	LONP1	28,08249543	38,07247278	57,78268724	47,6897599	0,949360432	31,84438994	53,12440999	12,80149652	84,92279624	353,8272976	39,31414417
ENSG00000137054	PLAA	64,14025351	14,12601317	49,00680806	0,0675668	0,0675668	46,7851903	7,648614782	62,66755297	32,93213512	353,7362298	39,30402553
ENSG00000188529	SRSF10	48,7567756	52,13074985	42,25016197	32,88029504	0,034943811	46,07971465	39,30028026	54,20966049	49,98343754	353,626923	39,29188033
ENSG00000081791	DELE1	31,4309987	35,43943434	0,092660033	37,53114718	82,65688767	46,12314032	51,75651195	17,67824936	50,82903284	353,580534	39,28200593
ENSG00000087053	MTMR2	0	16,6520608	154,3223396	12,21521463	70,13326738	17,21739111	23,19119881	20,19652360	40,60741956	353,5354156	39,28171284
ENSG00000101307	SIRPB1	83,03514694	7,880055494	34,13710623	1,842095536	115,3232495	97,78672966	50,088026926	26,14832279	70,26833454	353,5010343	39,2778927
ENSG00000182199	SHMT2	65,84761583	67,85300612	0,060535736	44,43662608	0	41,9112084	55,27580175	8,347214685	69,57103044	353,302639	39,25584878
ENSG00000100209	HSCB	25,56616257	55,14061762	29,05981778	0	0	43,246292	49,96377045	105,9026881	44,2248258	353,1041743	39,23379714
ENSG00000124209	RAB22A	58,69274162	23,90301015	77,64002765	29,0334512	29,26114229	31,69239378	26,98708954	33,37668699	42,2196125	352,8081386	39,2009429
ENSG00000155285	WAS	54,96083755	42,45675516	36,77603157	11,7818323	32,57849187	42,78416384	53,32884334	29,42130547	48,23735857	352,6699706	39,14110784
ENSG00000168300	PCMTD1	59,57342858	58,80596096	24,67391292	4,66782489	49,43199272	35,15286237	45,56260235	30,99939204	34,28631047	352,0442873	39,11603192
ENSG00000091409	ITGA6	34,88379642	20,54023667	38,32065448	128,7412385	16,85872218	38,30897219	52,09543144	0,24622546	47,02941801	352,0426807	39,11385341
ENSG00000198369	SPRED2	15,01498313	23,23410246	125,9368514	27,01303355	37,31430231	32,24329166	55,27640294	13,3254267	31,26137366	351,815871	39,09062333
ENSG00000149547	EIZ4	30,3866	52,92175252	46,42291541	54,26490735	0,514347669	63,23013099	65,41277692	12,49423171	46,47493954	351,5226021	39,0580669
ENSG00000134987	WDR36	3,05931798	10,9624407	76,79309161	13,79739044	103,7575762	38,55210501	24,46802582	46,52670635	33,40188279	351,4949369	39,05499299
ENSG00000127666	TICAM1	25,52390805	16,23281166	23,99603993	35,83952514	74,07805806	55,7552238	38,54133517	25,56052138	45,55949844	350,9536203	39,9948467
ENSG00000167004	NFKB											

ENSG00000168393	DTYMK	13,16469749	21,90739142	24,79689086	26,10437428	60,32695689	47,30422445	50,05214995	50,2745382	49,26985751	343,2010811	38,13345345
ENSG00000025485	MPV17L2	27,74489166	33,65904263	0	16,13274784	80,90657512	62,24560747	39,19845969	36,68055855	46,48339246	343,0512754	38,11680838
ENSG00000031018	THEM6	38,1386152	25,70982604	78,76866067	26,91026262	53,60139924	48,76185648	34,39582083	19,16193868	17,57423898	343,0226637	38,1136293
ENSG000000205138	SDHAF1	0	29,52682723	52,01239095	57,70003467	0	45,00528625	51,333878	46,74007311	63,22958018	342,5480704	38,06089671
ENSG000000319132	FGD4	12,79513723	19,65214207	4,655231689	49,25498354	70,68152212	29,64194046	27,11500166	84,96355942	40,7296222	342,4801402	38,05334891
ENSG00000031323	MTF2	30,64676886	29,91460607	51,29478718	59,14879482	31,7959158	31,59800217	32,47742299	39,26952199	36,30724339	342,4530633	38,05034036
ENSG000000472293	CERS6	33,11869571	7,554338906	85,45555667	20,93677948	67,30044261	27,49519294	31,91773948	34,2710068	40,05860172	342,1038563	38,01203959
ENSG000000169282	KCNAB1	60,0296225	38,50725746	0,040569191	0,076163157	136,1103703	23,58390276	21,71742758	42,7751695	19,23017868	342,0706611	38,00785124
ENSG000000446647	PGMGN12	55,16016713	24,19401798	9,99104811	10,90588718	109,1738841	32,98334565	27,7157364	5,195901099	18,57792499	341,9972192	37,99989102
ENSG000000214046	SMIM7	29,24315861	25,78973722	94,98422983	30,25458676	2,744087533	37,15074043	23,48921332	51,43142687	46,80121724	341,8883978	37,98759976
ENSG000000166170	BAG5	60,06007314	44,15618594	0,527376397	58,16706415	5,927381177	40,855991	32,56372874	36,86122666	62,75978176	341,878809	37,98653433
ENSG000000185088	RPS27L	24,74275066	56,45414574	19,18298927	51,86175019	58,92376219	37,28052959	24,0703991	36,69415027	32,47312604	341,6836031	37,96484478
ENSG000000213619	NDUFS3	17,5902472	58,75475214	17,81630873	34,51974602	0,196722839	59,75689081	41,72034595	49,50635673	61,74522912	341,6065995	37,95628884
ENSG000000172594	SMPLD3A	28,94838518	0,114151554	0,236679522	1,999501721	188,9609546	5,226642263	15,0094352	92,42039628	8,623784984	341,5399313	37,94888126
ENSG000000181610	MRPS23	20,84610475	37,74753348	37,17150407	72,27968335	25,0520938	34,01960093	37,11592985	39,73088467	37,52474066	341,4880756	37,94311951
ENSG000000171314	PGAM1	68,53518795	34,94291418	34,25502795	35,2364946	26,86312325	32,98615797	35,96157547	36,68604254	35,9986177	341,4651416	37,94057129
ENSG000000108312	UBTF	42,3533131	22,31640842	29,9724002	28,24650018	88,73946993	31,55456414	37,12256784	21,83051197	39,25286907	341,3886048	37,9320672
ENSG000000254986	DPP3	86,06121261	22,51934323	40,0509421	3,018106319	45,10439013	27,36669306	70,9852268	70,9852268	56,63715992	341,3286828	37,9154092
ENSG000000031003	FAM13B	21,1869726	12,72177821	83,78601103	20,96525134	78,70202309	33,43556276	34,1873481	26,0639487	29,31832627	340,9989467	37,88877186
ENSG000000241685	ARPC1A	37,46664028	43,75973561	32,71145959	42,96269226	17,21677322	44,51063414	26,12699407	40,32421841	55,88895416	340,9680687	37,88534097
ENSG000000139350	NEDD1	32,97819759	57,07705581	53,12951477	49,69633171	0	49,18209567	30,69988854	22,28653854	45,68050351	340,7295729	37,85884144
ENSG000000164985	PSIP1	23,1460883	12,2063455	52,76016114	67,82606917	88,12863769	18,67232024	30,45595099	23,46947373	24,05734369	340,7252855	37,85806505
ENSG000000066136	NYFC	21,29170645	41,98951521	0,092814724	17,36569531	23,68137383	43,73495211	42,20746561	44,40731667	46,29098685	340,7018267	37,85575853
ENSG000000152422	XRC4C	48,08084377	81,76527357	32,47060783	28,04767054	28,76775321	20,86483473	13,21244437	32,9884522	340,6226968	37,84696631	
ENSG000000100347	SAMM50	37,74228138	40,28404775	15,61196864	35,94470687	82,91637483	36,88339654	32,04289134	5,773583707	53,34719365	340,5467907	37,8385323
ENSG000000187051	RPS19BP1	46,33398528	28,72166967	18,48654787	45,87164361	1,174546336	56,70555158	42,74677433	46,11133785	54,30021068	340,4972664	37,8330296
ENSG000000121797	CCRL2	44,35810132	28,59822736	46,19060822	0,087240045	91,25019465	16,308161	57,51247916	35,24193482	20,87744282	340,4243894	37,82493215
ENSG000000132628	DXD60	0,089600113	13,47467211	69,43321476	79,52598692	61,0603302	17,26493105	17,48684218	29,1934483	28,21032298	340,0653486	37,78503873
ENSG000000138448	ITGAV	23,95341528	20,51840852	0,541080485	78,0900289	0,34688265	73,04505804	56,91957032	34,73180856	52,00085173	339,8439101	37,76043445
ENSG000000145996	CDKAL1	8,668663767	57,85854109	0,120808387	29,09597274	21,06947771	30,60801382	30,31790725	56,1496367	69,13716778	339,7591407	37,75101564
ENSG000000136908	DPM2	32,36361089	45,01841431	0	38,06169275	65,56502848	37,01611654	48,25782	45,56262427	27,87994299	339,7525615	37,74725128
ENSG000000108953	YWHAE	30,8531073	35,91706834	34,82288659	49,03143639	23,36990514	47,23592883	33,06864498	43,18586367	42,22868375	339,735234	37,74597112
ENSG000000214274	ANG	28,94629057	51,00323358	19,05038441	46,89530662	0	55,92230627	37,72884109	21,25872742	80,70677646	339,5118664	37,72354071
ENSG000000204228	HSD17B8	81,94492865	40,05921072	78,49697096	15,9986038	0	19,48517999	29,90484597	47,93869373	25,67827596	339,5112098	37,72346775
ENSG000000130816	NMT1	17,15342533	41,41474542	25,76622396	34,20176678	58,17880152	46,4400573	42,6773322	12,21083322	61,39233831	339,4355231	37,71050813
ENSG000000157450	RNF111	16,98178952	21,5827985	112,8023964	15,77019621	49,65033986	29,13427818	36,09827404	17,85386606	39,49335649	339,3629393	37,70847703
ENSG000000152211	EIF2B4	32,81937127	40,46479163	24,25364653	40,50086013	96,55360248	21,62025115	33,40550685	23,01472741	26,54950318	339,1822606	37,68691785
ENSG000000021548	NTSC	20,4043627	24,66276713	52,5859287	40,08066466	37,949799	34,74057086	42,31452162	44,61836626	41,09717616	339,0541572	37,67268413
ENSG000000012858	MKLN1	42,43162288	17,66229735	79,71900928	40,69093267	84,35384869	23,53213555	20,06738597	6,673371722	24,00673967	339,0437176	37,67152418
ENSG000000000509	MCUB	17,2151283	38,92018904	25,10031274	46,02144478	67,47975198	34,39552603	20,11760597	68,03884766	1,246286814	338,9316906	37,65907674
ENSG000000138496	PARP9	40,30516899	26,67019893	1,959358496	61,21958399	58,04750294	43,603037	46,88642973	35,82357305	11,8727192	338,8135723	37,65595248
ENSG000000139436	G1T2	18,93907241	28,95030019	21,42574957	37,10012497	47,02603348	48,68688295	52,91599059	21,7851278	61,95341871	338,7791007	37,6421223
ENSG000000163798	SLC4A1AP	60,04374317	20,90755753	56,05513807	64,09368783	0	33,90221886	26,02419024	29,82605084	47,82683692	338,6794235	37,63104705
ENSG000000137100	DCTN3	72,66240483	33,62529359	37,75772467	29,37262862	1,344290265	40,76786631	35,42691727	65,99856201	21,71522199	338,6547078	37,62830067
ENSG000000130348	QRS1	41,62260721	10,17887922	46,08362543	0,382813093	154,4343732	18,71171918	17,64822018	24,72351064	24,73481826	338,5289245	37,61432494
ENSG000000155252	PI4K2A	79,46922587	56,90576225	4,180650808	22,30000499	3,42914872	45,308876126	46,27635783	23,9797339	56,4327468	338,3626314	37,59584793
ENSG000000145819	ARHGAP26	17,56116551	3,234957106	67,10534852	55,00651609	54,14600082	31,46871828	34,06229202	43,54310276	32,10450472	338,1706688	37,57451876
ENSG000000136448	NMT1	59,75087342	22,75729076	13,50510602	24,02370286	40,17119307	39,25729345	39,18948891	39,58872664	59,88666612	338,1303415	37,57007394
ENSG000000198000	NOL8	27,62982505	23,19947543	8,21242098	47,51633661	104,6683204	23,62204741	27,13124667	32,81376803	43,23196437	338,0253838	37,55837598
ENSG000000109079	TNFAIP1	59,05697529	26,06265776	58,25502203	45,446674402	0,184683745	41,5949633	43,87751389	20,05208484	33,35584727	337,9271697	37,54746329
ENSG000000066559	MAP2K4	22,44557084	19,96152567	89,73853957	49,2255227	0,440326291	25,98074191	23,18640747	65,17241601	41,70071729	337,8514978	37,53905531
ENSG000000104331	IMPAD1	20,66638859	5,902341518	97,81659606	84,42114613	0	39,76279211	20,55216883	28,5807035	36,4424077	337,7445444	37,5271716
ENSG000000165506	DNAF2	73,13282482	16,28942289	63,32654972	17,2819062	0	28,16504221	30,02310678	61,33614989	47,85720435	337,731907	37,52702119
ENSG000000105708	ZNF14	0	79,90866894	171,8729468	0,088064453	0	10,86285922	25,83088171	28,99527086	20,0084511	337,5671431	37,50746034
ENSG000000112851	ERBIN	0,133124034	1,33861022	51,50903753	67,73683953	73,74986334	55,89099202	18,80335535	49,74631606	38,53004446	337,4931319	37,49313139
ENSG000000196083	IL1RAP	19,6756365	38,4418839	39,97256658	51,74450266	57,26368148	25,5455207	35,00967474	6,18598835	50,15186909	337,3338659	37,48154065
ENSG000000100422	CERK	39,87725201	10,11651359	45,22110332	19,47749912	0,072843315	54,35001651	84,16437889	26,90795929	54,52571866	337,3213807	37,4681423
ENSG000000262919	CNCV	29,64542501	28,94078832	39,28520182	90,6007891	59,95995515	33,93400585	34,6142977	42,56044519	21,38841908	337,1207891	37,45786546
ENSG000000167447	SMG8	37,5762963	15,57967911	66,67966127	0,069545569	134,9562193	15,34407519	20,73337043	13,03419936	330,8781367	337,0680332	37,45120369
ENSG000000205643	CDPF1	58,70881059	6,224432501	27,67914242	39,29382842	121,095225	28,17540643	23,30053814	15,54273775	26,79277902	336,8483534	37,42759492
ENSG000000132670	TPPRA	39,83178614	34,86026002	33,65120464	9,809146505	61,71453849	32,87116787	38,66024774				

ENSG00000146463	ZMYM4	16,04574126	26,8597845	83,20863693	18,93800326	51,61111273	32,11032477	22,41303433	34,6552273	45,5684882	331,4103533	36,82337258
ENSG00000126391	FRMD8	17,26871845	18,18805407	81,02344492	50,21186658	0,264770859	42,20138778	54,05492553	24,52475778	43,5270916	331,2650176	36,80722418
ENSG00000101138	CSTF1	62,44789977	26,03211918	0	24,40829242	102,6477642	34,56470348	9,959207603	31,11592717	32,79416758	330,9700706	36,77445289
ENSG00000125826	RBCK1	53,28675442	36,51635588	4,14483249	18,74011125	21,32929737	50,13599932	52,7262255	38,43026828	55,6523073	330,9621898	36,77357664
ENSG00000197903	HIST1H2BK	57,90588797	26,04003675	27,72504924	48,62567768	38,42974766	25,26572821	34,57843795	40,76226948	34,15603304	330,8566163	36,76184614
ENSG000000300110	BAK1	7,104656125	21,81987342	19,98139048	42,82070334	86,04534243	31,672702258	53,69595428	41,3790123	26,29745502	330,8350059	36,7594451
ENSG00000134748	PRPF38A	20,66101447	39,09707995	49,93447034	62,69169337	38,48829633	31,72775487	26,82746641	17,76593188	50,18948094	330,8305878	36,75895421
ENSG00000274523	RCCL1	39,21816288	29,39592947	60,68393009	5,783353822	37,57211656	36,45604188	37,76668954	30,39746021	53,45966453	330,733349	36,74814989
ENSG00000175173	DDIT3	29,59778584	16,20751186	0,212686515	16,17118052	0	33,51215933	43,10342698	106,68968614	84,88934491	330,837565	36,70936206
ENSG00000168936	TMEM129	97,0672492	30,07054388	29,55860437	22,28787988	0,521668976	37,69380331	46,55014932	42,4323297	24,08121701	330,2634465	36,6959385
ENSG00000154582	ELOC	29,0338105	71,95379167	19,15549932	40,13977416	0,145568521	37,79559956	27,08267199	70,45341812	34,42718309	330,1873169	36,68747966
ENSG00000156973	PDE6D	14,98263449	33,51775001	41,53951904	44,25915469	0,254332537	70,44149485	64,37907616	27,02917319	33,69455361	330,0976886	36,67752095
ENSG000000085491	SLC25A24	54,79611684	11,72074755	46,49533324	56,95101735	18,52717621	26,73908194	54,56448426	40,82532346	19,34174332	329,9610242	36,66233602
ENSG00000116406	EDEM3	15,88290007	0,653837013	53,01314516	11,75412937	88,3501012	39,56132591	53,34743454	29,51520264	37,63678287	329,8997677	36,65552975
ENSG00000175938	ORA3	32,61379223	35,6371988	19,15652329	49,89479825	15,50147665	41,1478333	56,39276186	29,90301463	49,54030734	329,7877063	36,64307848
ENSG00000203760	CENPW	19,00761895	35,75226668	0	144,7450614	0	23,58225807	50,34595712	17,04127958	39,03945814	329,5138999	36,61265555
ENSG00000100335	MIEF1	48,98342655	30,59409716	87,45978759	45,5902272	7,843070084	30,08570352	25,94105322	17,71356715	35,22597219	329,4369049	36,60410054
ENSG00000152219	ARL14EP	56,30321743	37,53393012	4,985959616	48,49105944	49,73724838	26,07692126	32,69003288	34,0943951	39,45114785	329,3639121	36,59599023
ENSG00000134824	FADS2	43,04353032	10,82426723	35,16688105	20,25071015	43,96663174	41,23788901	83,85693657	14,74790877	36,2605884	329,3541432	36,5949048
ENSG00000102893	PHKB	59,25804448	37,12979649	17,56480578	43,240636856	25,23322762	40,31567041	32,31114533	28,90808036	329,2886005	329,5876228	36,58762228
ENSG000000067248	HDH29	11,41971224	24,75493955	43,94538329	49,35167208	59,19278118	40,63047007	23,26941615	25,57898307	51,13056893	329,2739266	36,58599184
ENSG00000147283	CDKN2B	20,51325997	10,6586445	83,67200979	0,130467487	59,43395326	3,857420908	2,97920385	133,9086085	14,03141243	329,1856972	36,57618858
ENSG00000151490	PTPRO	96,536825	45,36436717	0,299978524	13,23447173	35,8653274	47,60479737	44,606588	15,37273528	40,69013785	329,157725	36,57308055
ENSG00000171631	ZRYV6	41,69222737	15,71355282	69,2153667	23,62590313	0,090321313	50,44916681	56,42378109	4,986437136	66,84117879	329,0739352	36,55977057
ENSG00000136026	CKAP4	30,95582067	23,84459684	37,00335196	17,72307929	100,7997684	6,969511405	35,52596962	40,56070796	35,63832656	329,0211327	36,55790364
ENSG00000178234	GLNTN11	32,44604261	27,33831927	27,50285728	16,84365485	91,20926963	19,19742315	31,74605287	27,31029842	54,84804558	329,0419537	36,54910596
ENSG00000168283	BM1	17,77790194	50,39483324	6,577913605	43,04388091	46,65668184	37,2590988	20,86889936	18,87123469	47,99449438	328,8449387	36,53832653
ENSG00000168264	IRF2BP2	31,156715915	41,15219095	3,177587922	23,25436586	65,0729501	29,50145733	41,48701494	49,87295653	43,98315239	328,6758352	36,51753724
ENSG00000168256	NKIRAS2	46,19159915	44,5855589	12,683312	41,0478046	55,1791066	34,31910396	22,69553526	32,59652091	38,91213929	328,5736565	36,50818406
ENSG00000163803	PLRB1	22,62355167	38,68002117	63,91312749	5,125887563	77,6425234	41,32818387	35,99451114	12,79027211	30,4959602	328,5576386	36,50640429
ENSG00000123124	WWP1	21,94156013	10,83402021	61,59786844	33,68762772	4,080881163	53,63074689	28,67440668	119,3235938	22,79083772	328,4615372	36,49572635
ENSG00000198055	GRK6	80,36323521	16,49347166	3,062438547	18,48809268	28,44809268	25,51532777	47,42934058	30,86658081	47,8587195	328,3939522	36,48821691
ENSG00000102100	SLC35A2	34,94305853	26,42040001	115,1260704	20,50125519	0,863032812	30,56830385	40,53914599	7,764550585	46,39959902	328,1254164	36,45837959
ENSG00000145901	TNIP1	20,65934265	32,26220854	4,654595132	30,4412702	65,83511652	27,6660827	56,59485198	31,60033668	58,9996288	328,0956575	36,45517417
ENSG00000145703	IQGAP2	41,73420009	37,65847866	16,05753616	67,48890103	25,06561023	24,5449811	32,808745	61,27402567	29,88000136	328,0701214	36,45223608
ENSG00000105323	HNRPUL1	38,54555134	23,44142199	30,03697539	18,19483518	38,69089785	40,11957634	30,89297033	27,11957428	55,21212354	327,6521127	36,40579016
ENSG00000009954	BAZ1B	13,29173716	22,40846743	67,80194482	34,22461565	69,58538214	26,08509067	30,74556294	15,07081172	48,40959865	327,6232095	36,40257883
ENSG00000152229	PSTPIP2	55,27272573	58,37945973	0,134941796	13,49008485	1,30746678	54,96794592	56,06574787	58,9488852	28,86936268	327,4366206	36,38184673
ENSG00000108510	AGPS	26,60120466	18,59611337	74,91216153	22,1406529	0	37,09008933	37,90086961	67,58973844	42,30379304	327,3482913	36,34829113
ENSG00000107689	ATE1	0,526358639	32,8614584	98,89676598	4,333710242	95,11592249	26,9169607	29,85404228	19,35273415	19,20197459	327,0616575	36,34017416
ENSG00000070501	POLB	26,79213235	55,90101122	66,21152899	29,29640119	0	35,17966629	39,51123704	31,54660265	42,0485675	327,0271472	36,33634969
ENSG00000141506	PIK3R5	40,14873855	49,33441275	27,22027348	47,34363635	48,65741281	34,65864432	41,77329599	2,817454346	39,6989482	326,7344404	36,30386271
ENSG000000084676	NCOA1	4,656018973	27,10861737	50,18845168	87,03581693	70,63651519	28,46343845	39,59008275	8,458941205	44,47572281	326,7399758	36,29973089
ENSG00000169399	PBRM1	37,68766937	27,10861737	50,18845168	32,32631341	0,446386007	50,62901999	32,97267788	34,22773643	60,06226947	326,6391416	36,29323796
ENSG000000226479	TMEM185B	18,24452179	50,12380853	168,0929981	63,2535956	1,394748982	33,25495686	16,73785246	16,68354199	10,32480679	326,489595	36,27662167
ENSG00000106400	ZNHIT1	28,09396606	29,25866229	23,17887121	25,34915871	80,59190807	41,27093737	36,84267479	31,57345036	30,28857145	326,4481467	36,27201631
ENSG00000113851	CRBN	45,15711278	57,86257092	25,94434984	16,76054598	56,96591509	75,99810856	58,19220181	28,01196305	20,62527083	326,2001763	36,24446392
ENSG00000165322	ARHGAP12	26,98959771	38,65435367	0	16,76376459	58,96591509	27,407366	15,23579211	78,68254744	25,07471007	326,0541666	36,20601852
ENSG00000101219	TBC1D15	40,95893622	17,04610016	66,05701878	6,606549978	48,93287529	27,407366	15,23579211	78,68254744	25,07471007	326,0541666	36,20601852
ENSG00000117868	ESYT2	4,089651046	31,50611835	44,84181647	77,49307971	1,214260498	32,46686264	31,00520743	54,56034279	52,10405457	325,6821045	36,1869005
ENSG00000135845	PIGC	11,8285955	36,02596824	32,24037129	32,17105078	55,26623834	44,0099635	22,86081456	58,11853924	54,60835716	325,6963206	36,18548007
ENSG00000166454	ATMIN	15,98261668	46,01126507	33,1199454	52,32040152	0,172128555	37,16354506	42,87922035	46,88063524	51,07142008	325,6132271	36,17924746
ENSG000000066027	PP2R25A	51,25186022	39,38463167	64,17095131	31,30954921	53,0763611	19,02373939	25,20865151	33,78110875	26,16560626	325,3697291	36,15219212
ENSG00000121073	SLC35B1	63,09019271	34,06054758	4,9706293	44,67763145	0,060579882	44,8921331	45,65443761	52,0665511	35,92781953	325,3406263	36,14958488
ENSG000000085063	CD59	33,71357041	47,16396804	15,46525671	38,88471804	46,34651602	42,10163371	33,72705206	44,92790561	22,96458555	325,2946661	36,14385179
ENSG00000163714	UZSURP	36,59301267	34,87437778	53,08074745	27,14248879	52,19769279	29,99462666	26,39639383	42,29039593	34,11107082	325,2351325	36,13723694
ENSG00000165632	TAF3	33,75577671	22,22140883	119,0039931	52,88282152	17,31130717	16,84630471	21,00180326	7,93042962	43,1760332	325,1114827	36,12349808
ENSG00000197170	PSMD12	19,43335119	55,26475891	0,312220253	82,45193507	0,134450596	40,80990224	42,65333637	34,63934066	49,33177797	325,0310753	36,11456392
ENSG00000110218	PANX1	82,92007121	14,10284012	52,24310416	28,63697302	0	39,26705444	47,99724131	40,89880867	18,8973473	324,9635305	36,10705892
ENSG00000275379	HIST1H3I	0	4,566895379	4,734454241	199,3518711	106,5993678	1,211026107	3,663367358	4,8238623	0	324,9507453	36,10563936
ENSG00000155313	USP25	34,92367529	5,244244665	0,248735868	63,24085604	0,185696261	36,28818194	25,14859				

ENSG000000253729	PRKDC	18,86799303	15,80989026	21,1681025	54,60052073	98,205848	26,2043364	21,7214968	31,18520437	29,3048515	317,0682436	35,22980484
ENSG000000127995	CASD1	21,80473824	21,35960039	11,15091272	65,53138811	77,14882564	17,31652217	45,41739774	7,161509638	49,92417034	316,815065	35,20167389
ENSG000000165898	ISCA2	20,43769234	33,72579877	21,25035713	30,34722344	0	62,16904001	37,54682264	60,45193003	50,87850708	316,8074614	35,20082905
ENSG000000154813	DPH3	3,34225973	29,23442718	21,61239375	49,96006998	0	42,33017842	61,50176685	67,47479775	41,18850538	316,6443972	35,1827108
ENSG000000186088	GSAP	10,3498078	23,51860001	63,64036009	63,4433221	56,65630948	45,6949422	33,61763756	16,06022758	30,56604255	316,5473415	35,17192683
ENSG000000070785	EIF2B3	22,19478039	30,89410907	0,081495192	92,33139095	0	53,89296951	28,76511276	45,43354212	42,87927676	316,4744767	35,16383075
ENSG000000163512	AZ12	57,10013592	36,63866296	79,289923	29,20541329	4,924124465	26,34676888	22,54545028	29,66113863	30,7274942	316,4391116	35,15990129
ENSG000000170949	ZNF160	0,532642124	14,90202867	12,63991285	129,8398969	63,62933058	19,04531	14,66842678	39,44560223	21,63951399	316,3417566	35,14908407
ENSG000000150347	VPS26B	67,41784177	28,3391979	90,29076204	20,2806123	0,11320508	35,94343503	40,55960213	5,888730089	25,48801677	316,3192495	35,14658327
ENSG000000188986	NELFB	28,97277477	16,99640237	34,36446893	56,09074651	58,67471657	22,60041714	49,20017743	21,98560705	27,36480289	316,2501136	35,13890152
ENSG000000106305	AIMP2	57,03845392	20,53603939	48,96585989	41,96656594	0,196453798	45,74339752	38,64321494	18,07628929	44,83496517	316,0012398	35,11124887
ENSG000000188625	KATNA1	73,84649617	28,06275478	0	54,9641299	47,7761697	35,75722407	23,31355615	62,86316163	36,6748126	315,959897	35,10665522
ENSG000000072501	SMC1A	28,81247909	21,04930046	8,61727701	39,82220139	54,42939477	42,03152344	28,62695862	54,46308019	38,07691052	315,9291255	35,10323616
ENSG000000150347	ARID5B	30,46361504	45,24131006	53,43618341	55,61251114	22,95728581	30,56845557	30,16444283	23,19831724	24,24915239	315,8932735	35,09925261
ENSG000000184162	NR2C2AP	91,39072975	12,85407581	65,85370238	26,32621539	0	32,3682842	21,40129409	33,70653615	31,69957403	315,6004118	35,086671242
ENSG000000130304	SLC27A1	38,55124627	20,36231912	21,24494418	19,81502793	84,92053049	34,60177922	49,44485414	16,63450468	29,9701303	315,5453363	35,06059293
ENSG000000175193	PARL	18,32248983	50,48352471	13,7274123	88,01378112	27,39300477	26,4813178	35,40609016	36,8606462	18,76492693	315,4531935	35,05035483
ENSG000000139624	CERS5	37,79443522	43,06799942	51,36185856	52,04007623	9,79072867	29,72083082	30,71225196	34,27236587	26,54556934	315,3061163	35,03401292
ENSG000000162747	FCGR3B	5,855333168	46,89863635	59,09424074	41,64941472	62,17214473	53,61276723	47,79298669	35,35755593	5,87996462	315,2480543	35,02756159
ENSG000000197062	ZSCAN26	0	26,87819571	0	24,73232968	96,11567363	24,4934668	41,32435756	77,17275102	44,5849219	315,1752467	35,01947185
ENSG000000198060	MARCH5	5,550734013	22,5382969	34,11683151	54,57758328	76,19996253	36,92472863	24,88802178	14,7081938	45,6183339	315,1227403	35,01363781
ENSG000000075239	ACAT1	58,10071548	39,32813361	23,39732208	16,7289973	41,93134628	36,04038853	45,41109258	25,74123153	28,22311083	314,9203282	34,98914869
ENSG000000136824	SMC2	22,21115189	35,97330078	68,74314658	5,404217403	44,112649864	22,92489267	35,54669529	17,00691051	62,96376767	314,9005814	34,98895349
ENSG000000117000	RLF	60,20606253	21,98661137	53,34791373	52,79829958	4,116495322	22,57576525	27,34093563	34,46445265	17,34095816	314,97384654	34,98398163
ENSG000000145332	KLHL8	42,8016479	19,09695815	68,64452811	55,17458329	0	14,30431387	41,71538778	33,74440057	38,99309588	314,4475308	34,93861453
ENSG000000185104	FAF1	36,69170434	23,15917129	18,30124642	27,89436011	53,13740824	31,51619645	33,12523138	52,57013056	37,74045816	314,1359609	34,93098966
ENSG000000198252	STYX	33,14546533	12,80710336	5,188069277	2,094601442	146,659482	31,46407686	20,69769474	40,84842336	21,14689507	314,0518114	34,89464571
ENSG000000131069	CSXC2	116,3850851	8,788190552	31,78126132	20,08721984	0,06842941	40,90589113	30,93723506	11,77425002	53,29630641	314,0265688	34,89184098
ENSG000000108950	FAM20A	30,16832943	29,28261609	25,31997989	15,15542079	109,6932406	30,81464845	17,03116139	43,73005602	12,65837013	313,8538228	34,87264697
ENSG000000163297	ANTXR2	87,11879154	12,26863497	39,60036175	14,36315395	37,31091349	13,16013965	22,96320162	60,83285254	26,05531015	313,7808005	34,85653339
ENSG000000131373	HACL1	78,30050192	49,76645304	9,190176758	25,45290423	0	42,52307089	34,70455992	39,58752997	34,17262651	313,6525442	34,85028269
ENSG000000146842	MTM209	0,194187925	50,10941555	54,53625416	35,8233709	0	43,423158014	56,43343298	25,83178077	46,6905056	313,6463386	34,84929318
ENSG000000024462	RBM12	67,86672899	31,72733603	41,93343481	14,32677393	0,183659466	30,79596462	32,74360052	56,99527930	36,21539213	312,9802273	34,77558081
ENSG000000176142	TMEM39A	79,63761454	15,42005455	74,48179915	16,06712642	4,137092129	39,18136075	17,79296339	6,533221379	33,95729877	312,9706682	34,77511868
ENSG000000078747	ITCH	0,816323611	1,408308824	97,40149026	90,07974558	1,724453985	43,39916853	29,25883792	25,33794478	52,15080982	312,8530833	34,7594537
ENSG000000185130	HIST1H2BL	0	0,549471312	5,126682153	135,2798127	159,6895629	16,6399869	8,741785426	2,031360046	0,781666075	312,8502312	34,72448014
ENSG000000005812	FBXL3	44,80355812	20,69043698	27,85300879	75,1534028	0,15225447	40,08427447	29,80718317	47,16491142	26,73710566	312,4561359	34,71734843
ENSG000000134152	KATNBL1	32,45022513	29,78133006	42,09054433	39,088135647	81,49035737	18,83542315	19,20411729	19,66065338	29,84322489	312,4373221	34,71524801
ENSG000000101745	ANKRD12	32,83027666	44,13571785	32,84105186	43,69888676	43,01318049	15,52368232	21,59466624	46,56515868	32,24394675	312,3575225	34,70639139
ENSG000000136270	TBRG4	24,65995354	31,74453801	27,8794447	31,02621618	55,05988635	38,25406714	39,35137071	37,98033027	30,74490151	312,2007101	34,68896778
ENSG000000136444	RSAD1	73,0897394	57,4914078	9,608690876	35,05777977	0,086806271	57,46914586	27,05330823	20,7697799	31,62580413	312,1976602	34,68862891
ENSG000000172590	MRPL52	32,54544504	45,06588237	7,527005481	27,1216662	7,041520438	43,68513784	48,93069592	59,85462754	39,91101785	312,1734991	34,68594435
ENSG000000117991	NSRL1	40,51554758	17,54038989	44,93493325	29,3675123	35,3907468	28,23014609	46,53773061	49,37708949	31,93198049	312,0837111	34,6759679
ENSG000000075089	ACTR6	40,10582644	53,09394442	0,583226014	0,068432986	84,19907759	41,24920711	31,1619209	33,53741873	27,87941535	311,8785696	34,65317439
ENSG000000089876	HDX32	0	29,74827661	0,070410359	15,8361555	83,04820572	37,06512884	48,75164369	51,30607647	45,9908947	311,7768519	34,64187243
ENSG000000101084	RAB5F1	31,54835052	29,0606024	9,611014061	12,66506193	60,64884026	44,23546626	53,9756016	30,75853867	39,17310875	311,6745827	34,63050919
ENSG000000169689	CENPX	27,93226094	33,97749707	50,65737924	30,8681555	0	51,90801191	59,25215548	27,62614281	29,13735428	311,5324172	34,59282414
ENSG000000113916	BCL6	37,57398961	28,36812265	28,00405984	45,76032826	20,73845463	21,85681789	25,34348519	40,07966452	14,057461	311,2823836	34,58693151
ENSG000000108774	RAB5C	47,1775849	61,86398191	13,08852331	32,79407323	13,91726803	49,57487352	42,44450927	20,74052017	29,68428697	311,2496213	34,58329126
ENSG000000136950	ARPC5L	18,94638586	9,656083106	20,40574134	33,53845657	69,8339376	47,88887006	39,44842848	26,3615389	45,14886428	311,0765592	34,56406213
ENSG000000174132	FAM174A	36,01076954	57,92822719	0	14,72238906	0	52,96328729	39,30844848	82,66996975	27,45616773	311,0592491	34,56213879
ENSG000000109572	CLNC3	30,04352722	7,625360337	58,51852385	7,067055818	95,49352351	30,18784099	32,54536372	6,630657947	42,94397665	311,0558301	34,56175889
ENSG000000001341	CKL1	42,64416298	26,1918201	0,268839554	36,89428751	2,153316018	32,25147574	39,14577238	73,6926608	57,51534673	310,7577003	34,52863336
ENSG000000065613	SLK	13,59591729	62,07145242	7,196000733	30,20155898	78,57232601	22,32101225	27,59254221	24,5512678	44,61704312	310,6827201	34,52030224
ENSG000000147654	EBA9G	27,17609285	54,92503887	31,86840081	66,49198755	0	25,51083575	31,35906152	39,76705064	33,52460704	310,62254	34,51361556
ENSG000000132768	DPH2	11,39775977	11,89708533	45,72914939	36,8693104	91,55658844	39,07109144	28,26294168	13,19482744	32,60247262	310,5811183	34,50902015
ENSG000000071246	VASH1	24,83297917	14,84934238	21,05151795	24,85091606	16,85460984	57,65409768	67,71194159	17,84154525	64,89061736	310,5717173	34,50856859
ENSG000000105341	DMAC2	22,28364938	17,99446428	30,32971635	41,69241776	57,62602882	36,05269779	34,59670419	44,27415913	19,68335684	310,5331946	34,50368828
ENSG000000139697	SBNO1	22,18859386	8,19269231	67,17186252	5,97315939	114,2089308	18,91988873	19,23547685	24,52722437	28,45816624	310,5001517	34,50001685
ENSG000000058289	CHURC1	31,40211416	38,45485753	23,86801738	28,82645815	53,36258078	38,86802186	38,37943353	21,15661739	36,11007557	310,4282033	34,49202259
ENSG000000119950	MX1	16,50013849	23,46866667	13,88253415	80,66146328	19,96811803	13,93120807	28,03806302	79,76971276			

ENSG00000147419	CCDC25	12,47261853	11,00537461	58,11738124	37,45393173	71,25348063	18,09591551	17,01389082	49,228007	29,07802729	303,7186274	33,74651415
ENSG00000102181	C9OR9L2	75,75194146	23,31062676	56,04943172	18,83549357	0,06231434	37,31044723	50,20555016	29,98738137	12,15758093	303,6709676	33,74119639
ENSG00000144567	RETREG2	26,73392299	32,03529094	49,03226063	12,78236528	31,95671522	35,95947301	32,78810614	44,07735112	38,18450132	303,72777629	33,72777629
ENSG00000163683	SMIM14	15,44212512	40,50681969	32,53819452	59,48693768	27,620194	26,18169052	23,4523985	33,00801869	50,01660054	303,2529793	33,69477547
ENSG00000164253	WDR41	11,17298836	4,956552865	49,53942474	15,34696672	65,7780682	34,47854584	24,05389784	56,91563049	40,91173967	303,28064635	33,68982927
ENSG00000141378	PTFRH2	35,35477276	32,41463419	1,17291181	29,23132321	108,1140787	24,08153518	31,81758208	14,50008229	26,42627764	303,1131977	33,67292419
ENSG00000108592	FTSJ3	0	49,15593161	41,02396541	15,09251102	47,75324058	43,07171198	49,18514168	26,73192793	26,94218005	302,9415178	33,66016864
ENSG00000164024	METAP1	24,07235159	51,93029899	0,068232719	15,62791699	86,47381175	34,20836633	38,00451391	0,729973271	51,82171068	302,9371762	33,65968625
ENSG00000109133	TMEM33	18,30398664	45,25015081	43,72388463	56,76937566	5,899000046	30,99794632	36,66841539	32,41085929	32,86778358	302,9011361	33,65570179
ENSG00000117640	MTFR1L	18,97679756	43,61875213	21,91424965	25,38680795	40,63845227	47,42346483	36,14549844	32,60454936	36,16264915	302,8712213	33,65235792
ENSG00000156671	SAMD8	63,37235157	3,968037416	55,72796623	21,71118873	0,651755975	28,74424483	43,30066462	50,60543356	34,74081995	302,8224629	33,64694032
ENSG00000185905	C16orf54	91,17220106	10,85510627	45,01351544	5,586385209	0,559155379	29,96594301	38,87675526	33,05631913	47,67335857	302,7587393	33,63985993
ENSG000000051382	PIK3CB	0	28,38547797	30,52469367	5,185493968	165,4685542	20,79694363	21,81745263	14,26972209	16,24085532	302,6891589	33,63212877
ENSG00000119760	SUPT7L	0	13,78064119	56,04060288	13,11551924	64,0218962	25,73612862	44,33505519	18,28835897	37,05035148	302,6416431	33,62684924
ENSG00000100983	GSS	0	4,894269495	42,38163435	60,50287498	24,55112878	0	42,47848126	30,51926132	52,49494911	302,6063443	33,62292714
ENSG00000140474	ULK3	73,01814143	30,06486854	41,13535898	21,68270136	0	54,43793254	41,99007127	9,779509113	30,46317497	302,5717582	33,61908424
ENSG000000044710	TPR	11,79518948	45,29102933	26,8976695	47,63698613	10,2937336	27,86222964	23,41774213	61,29761896	52,91953791	302,3173667	33,59019296
ENSG00000128739	SNRNP	33,66368392	50,62985657	15,38004466	37,50583829	42,99738724	37,15503255	27,21707143	27,95538349	29,75938164	302,2634266	33,58482518
ENSG00000004970	TRAF3P3	36,71499414	37,85127072	31,02616589	49,19045134	0	34,33813742	38,93627722	24,72929667	49,42318483	302,2097782	33,57886425
ENSG00000143020	ENSA	13,91988872	28,06875115	22,21614117	78,38024906	49,49062071	28,54278081	21,37998011	41,20665813	18,74368981	301,9486488	33,54984986
ENSG0000010904	CPY20A1	12,85838568	26,99708348	22,66093045	24,32292921	86,77604791	29,09766529	43,68437671	18,35151382	37,12101695	301,8693125	33,54103472
ENSG00000112910	LONP2	47,92680347	38,02515859	20,7151987	35,14249281	29,79121121	29,57630548	27,83609153	37,73266077	35,07136842	301,817291	33,53525455
ENSG00000105483	CARD8	37,32324784	13,14441456	28,83052543	19,10772792	63,32959892	33,39799112	39,98838859	20,37250719	40,32134425	301,815744	33,53050827
ENSG00000122279	ACO1	34,58241915	1,384187691	37,01495428	46,83359703	48,57950077	26,83556912	28,5982676	46,84254425	31,06871709	301,739757	33,52663966
ENSG000000085224	ATRX	20,18866167	22,81141587	37,1101845	33,04688768	50,0855827	24,00906716	19,66782947	68,15877563	26,51780804	301,5964127	33,51071252
ENSG00000112592	TBP	42,89506277	21,28478344	5,516422958	52,68229858	3,563288815	53,60958669	22,08451055	46,04416105	53,87785288	301,5579747	33,50644163
ENSG00000113745	BLZF1	61,94742242	13,19651728	0	10,31444533	56,87594584	44,95221123	18,16363077	57,00428796	39,06690431	301,5211575	33,50235084
ENSG00000137815	RTF1	51,90661197	27,13950226	13,00773427	69,55251143	16,43102793	12,39297375	24,44170765	54,51884026	32,08026624	301,4711758	33,49679731
ENSG000000028116	VRK2	22,03963293	23,54121213	45,03104407	61,7789971	20,84936171	45,38929966	27,60986915	9,919587697	45,26423369	301,4232381	33,4914709
ENSG00000132669	RIN2	19,06919325	18,89602152	51,71175781	11,63846315	76,96306087	24,18568301	30,28698815	43,41621841	25,15993049	301,3273167	33,48081296
ENSG00000123653	ORMDL2	39,68901149	30,12607293	5,584421631	28,63683687	41,28248534	54,13079456	44,90418876	18,56235852	38,37232882	301,2884498	33,47649988
ENSG00000140088	C16orf58	19,60081862	8,249379714	20,54820124	20,2499426	68,47917659	30,53531165	34,94946886	23,72021979	41,15614504	301,2568623	33,4729847
ENSG00000152323	NLN	64,92546687	16,30079807	40,40482287	17,19847488	43,2687559	33,92832618	27,01185043	23,77292299	34,28451247	301,0959307	33,45510341
ENSG00000129129	BAG3	1,045176863	13,95861158	46,65046437	0	11,644114	42,59926802	29,87171355	11,66805717	39,17817346	301,0519297	33,451031
ENSG00000008379	CYLD	22,26880341	26,43332825	20,7508689	65,44524722	21,95623696	42,55989242	49,24279511	9,744172054	42,62390312	301,0252456	33,44724952
ENSG00000106399	RPA3	24,45260781	38,82749259	12,12722585	38,18757518	0	43,77695918	34,35682049	73,20270741	36,28377338	300,9178619	33,43531799
ENSG00000164897	TMUB1	26,85375318	8,538676942	20,84493908	28,81408297	79,12759408	36,89742153	29,87306406	24,94906442	45,05370237	300,9152976	33,43503307
ENSG00000141458	NPC1	56,1000913	28,01607296	41,47503177	83,16042004	0,037003353	20,54863608	33,26482888	9,77173837	28,53285092	300,9066737	33,43407485
ENSG00000164830	OXR1	51,93558672	15,83321882	77,47630107	26,83439208	0,22919928	22,8510824	32,98492553	46,81817647	25,99491862	300,7960216	33,42178018
ENSG00000166619	BCLAP	26,27008015	26,20424426	23,91568522	27,55584749	65,94546305	36,51761582	26,89902784	44,30149558	23,125841	300,7310435	33,41456039
ENSG00000132030	PTCD3	32,97473581	27,94525438	51,21336408	21,55842719	0,21285244	36,74518551	40,39393579	54,02244458	35,23061111	300,5968112	33,39964569
ENSG00000167740	CYB5D2	37,11973688	12,53459395	89,17785027	12,43686405	0	27,22089205	41,34425697	55,27434333	25,29624982	300,4047873	33,3783097
ENSG00000133100	EPSTH1	22,27990898	34,47073234	65,65614442	27,45010496	0,072932076	22,03601411	37,30474534	74,82423696	16,26723215	300,3620891	33,37356546
ENSG00000160883	HK3	83,65044947	11,6054195	0	16,5058746	42,93324129	43,93878888	45,34248681	38,50402799	28,06822476	300,2036483	33,35596092
ENSG00000164091	WDR28	0,132112756	27,756612	38,5448887	27,17990401	0,062793765	41,92003504	46,48918229	26,63583471	43,87004811	299,6906188	33,29895765
ENSG00000184117	NIPSNAP1	39,36659471	28,06442192	40,51421723	13,01697134	0	59,77541156	33,1369315	15,51437161	69,98784911	299,376769	33,26408544
ENSG00000143363	PRUNE1	62,86697696	81,22425605	0	40,34735982	0	45,21010645	20,47440462	0	49,22930969	299,3524108	33,26137898
ENSG00000102974	CTCF	76,3653757	46,19386722	40,32444341	16,36957596	0,248745577	20,02878523	25,96066339	31,81405444	41,65271849	299,3295733	33,25884148
ENSG00000196227	FAM21B7	31,44269831	4,391679882	35,33601482	66,2770901	0	22,17081595	26,85480771	52,02822336	60,35774825	299,3090784	33,25656426
ENSG00000198836	OPA1	50,76523279	17,83268715	1,596880816	15,88324912	45,70298374	27,45625761	24,32616357	44,93647289	70,46235790	298,9623252	33,21803614
ENSG00000198019	FCGR1B	26,66657123	31,94242567	18,40601306	43,505652011	22,50455778	32,65652011	43,20808063	50,69333182	28,89603036	298,928105	33,21442339
ENSG00000147905	ZCCHC7	0,037853439	48,76530362	67,47563024	39,61078039	50,01737313	25,76767474	22,6299196	37,82780495	6,796992047	298,9294221	33,21438023
ENSG000001564174	TOM70M	14,97921751	12,04573307	0	13,7854835	16,5992701	33,60097256	32,81746757	25,39445165	29,53120903	298,7583293	33,19486722
ENSG00000125912	NCLN	63,74708994	24,59841582	3,66201328	19,62481007	22,6225476	36,83810889	40,45103398	15,67908083	71,04456277	298,2861983	33,14291093
ENSG00000166685	COG1	34,34489818	6,70732332	64,20153499	15,21343655	74,76831284	16,88125296	7,81092343	18,45760138	29,78018375	298,1640674	33,12934082
ENSG00000190530	P3H2	13,90987309	47,05596197	0,199519181	54,78089364	14,0476627	31,05055293	46,37876977	11,85840903	78,86722138	298,1488638	33,12765153
ENSG00000134223	PHPLN1	29,42646818	44,3410465	22,38947334	60,83831493	0,088634523	43,5967406	27,42695781	32,70343333	36,84822046	297,6593736	33,07326373
ENSG00000130731	MTTL26	40,29615218	49,96525794	24,60807434	70,29559698	0,588717283	41,52297943	25,36831849	25,0985819	19,90448739	297,6485475	33,07206083
ENSG00000148700	ADD3	46,38893531	54,31709985	32,12856671	3,071700511	54,68293414	10,62862586	16,45827012	50,36588653	29,17969332	297,699513	33,05554589
ENSG00000111864	ACRBP	68,28750718	41,51630399	69,10016665	0	23,030558	15,789785	27,98130984	52,45179392	4,355777866	297,4827014	33,05363164
ENSG00000118985	ELL2	0,340147599	14,82552139	52,83499068	56,31320058	29,70752883	46,61274925	36,53961554	28,58993515	31,42776195	2	

ENSG00000169255	B3GALNT1	5,645379559	22,26511746	24,22011865	39,99489503	96,39567603	22,84029945	14,54402774	45,53198941	19,30749438	290,7449977	32,30499975
ENSG00000154871	CDC174	49,25116744	24,43138583	3,908606566	36,1575431	67,35978649	27,2474063	18,20660611	12,63754251	51,47885952	290,6971039	32,29967821
ENSG00000108107	RPL28	33,58739209	19,95691217	22,77407994	48,51365675	45,94508295	26,44326947	27,45398726	30,97973011	35,00873476	32,9587172	32,29587172
ENSG00000100744	GSKIP	14,39305852	49,07379734	9,677870755	47,59335096	0,235899415	52,27618127	25,5775956	44,27982381	51,80263255	290,634866	32,29270962
ENSG00000090060	PAPOLA	13,3439444	59,0433309	22,71136168	58,0809656	7,679703044	30,72321818	33,05316673	35,69397373	33,07561481	290,2962789	32,2551421
ENSG00000138785	INTS12	32,533317136	42,72932565	52,14355975	18,34646729	51,42098759	17,88104753	18,99602152	28,3205403	27,85074904	290,22187	32,24687445
ENSG00000197520	FAM177B	39,70788718	16,1729904	82,9775494	0,10024394	93,26294992	35,94835392	16,43695901	2,15804366	3,42705824	290,1920185	32,24355671
ENSG00000117228	GBP1	12,77384709	47,87068204	26,47157257	39,74149634	0	41,56295402	38,42561175	47,23406508	35,9308373	289,9840662	32,2204518
ENSG00000169762	TAPT1	51,9479108	17,38533463	2,149884756	27,14287892	4,628996421	57,214020298	60,66501873	20,78526282	47,9399063	288,822997	32,21025552
ENSG00000014824	SLC30A9	33,73172483	9,42352077	47,8037731	26,71330411	0	49,36525285	45,12330734	33,41524728	43,83489302	289,4110233	32,15678073
ENSG00000004897	CDC27	15,19077542	30,05988131	18,24957274	57,28027432	19,31361929	31,53370721	36,11133236	47,45396797	33,98834405	289,1814745	32,13127494
ENSG00000153250	RBMS1	19,43729959	22,47038157	40,09918392	21,31256967	60,40175339	17,10098829	19,65467503	69,18421154	19,45565987	289,1167229	32,12408032
ENSG00000163655	GMPS	12,65432503	30,9900566	44,93985171	45,96504287	57,89310751	28,8095719	23,76277822	12,8554692	31,1899868	289,0601898	32,11779887
ENSG00000198689	SLC9A6	21,84170204	43,13979131	55,40983085	36,03803869	0	28,04811089	51,48233448	17,1746299	35,80004006	288,9344782	32,10383091
ENSG00000006695	COX10	57,45250574	39,73100254	0	37,59372112	0	46,23737384	24,16846559	36,66653144	47,04752755	288,8992495	32,09991661
ENSG00000136813	ECPA5	43,31752896	43,03474401	0	74,67638402	0,34003318	30,08344224	33,65081931	28,27603176	35,47999058	288,8589741	32,09544156
ENSG00000123106	CDC9C1	44,44074646	46,47557427	25,93497141	53,08736776	0,047659926	21,90856321	29,77318562	36,92447324	30,11527782	288,7078178	32,07864642
ENSG00000117219	CLEC4A	68,18259941	22,60681968	0	34,83206921	0,00884353	40,55013072	22,69964242	30,50013072	31,62727701	288,5629359	32,06254843
ENSG00000101928	MOSPD1	74,78802326	8,773356152	87,92074586	72,02943639	0	26,95500908	11,51363708	0,497080959	6,010831484	288,4881794	32,05242215
ENSG00000158517	NCF1	34,65678599	23,08096939	33,16169292	21,40541097	49,27233756	23,19489287	30,33468165	23,57519878	49,76306359	288,4450337	32,04944819
ENSG00000144895	EIF2A	26,07648967	18,2999536	40,34359777	58,57683875	0,060815841	32,0582503	37,69421998	52,76880562	42,4881973	288,3671688	32,04079654
ENSG00000110060	PUS3	65,93232362	28,28164379	0	126,9623906	0	12,4639289	30,08791046	0,986371843	23,57754387	288,2921131	32,03245701
ENSG00000174231	PRPF8	31,0616173	17,54509383	73,76032785	33,54878245	16,0557843	25,51570069	31,09097292	28,43951833	31,05636329	288,074161	32,00824011
ENSG00000182985	CDPM1	19,01055196	50,08951949	30,50539527	66,38469083	17,34142984	30,99246318	36,47830384	6,148596382	31,02221607	287,9531669	31,99479632
ENSG00000172239	PAIP1	29,54476802	31,78799293	27,29795723	39,55192478	23,19278731	16,22687937	38,88803271	40,2446111	31,29412097	287,9290745	31,99211939
ENSG00000138375	SMARCAL1	21,54482999	17,64092106	0,109183071	39,40671553	61,4985265	43,98650404	46,25055247	37,70276585	19,59928956	287,7392881	31,97103201
ENSG00000044633	PHF23	2,819845995	46,89786902	63,77369999	24,91914686	0,657002456	49,83995005	42,83435033	21,88386434	34,06846237	287,6933117	31,96592352
ENSG00000146637	WTAP	27,14474692	25,33822736	9,969658937	46,34413474	23,29532163	39,71194998	30,26705186	49,51623568	35,81885257	287,4061977	31,93402196
ENSG00000169718	DUS1L	33,77884235	17,25334423	26,96856436	19,39939968	51,36236895	32,02607898	31,41464222	32,66339638	42,31811126	287,1847457	31,90941619
ENSG00000197943	PLCG2	24,77648446	33,92121601	0,062350676	45,88553722	5,155182664	47,58586457	39,73774403	29,81940369	60,20732568	287,124209	31,90268999
ENSG00000225796	SEC63	27,25117426	28,16643831	0,872119769	57,15343099	75,2768482	20,55085693	27,73002225	30,60148156	19,50027999	287,1044523	31,90049469
ENSG00000144622	USP22	40,06871706	12,38430663	42,72796999	64,1460333	3,186260269	23,30631091	43,80445726	32,57050186	24,32431412	286,9985905	31,88873228
ENSG00000114319	BBX	49,72213782	20,65405921	38,87326813	42,28449928	10,29760191	39,60815063	37,31824456	17,53314935	44,2427431	286,931842	31,88813158
ENSG00000110430	KAT8	34,25454431	20,46420783	49,80921788	42,89147102	0,2508676	32,04621927	33,21917976	41,20332338	33,39784691	286,9346414	31,88162682
ENSG00000196235	SUPT5H	7,654293612	16,2424951	30,14046591	32,92141778	35,83630937	41,2646404	39,36324141	27,69047846	55,81035269	286,9236947	31,88041053
ENSG00000055917	PUM2	0,779590218	7,877487821	41,86831241	39,33843412	80,54155256	26,48677271	34,0017767	32,48468237	23,35732302	286,9758664	31,85954293
ENSG00000133275	CSNK1G2	36,5287124	32,76424333	28,37881994	22,84302475	0,189859028	44,31887926	54,28972842	25,1693085	42,12390908	286,6065766	31,84517518
ENSG00000135828	RNASEL	0	10,24411886	145,2304191	31,2269937	0,11726871	6,880210038	28,33068884	34,52704052	30,00852417	286,5655821	31,84058423
ENSG00000115289	PCGF1	37,05402639	0	0	32,61687183	48,116434915	23,91976562	30,86397502	39,9780354	21,32167457	286,5394219	31,83721354
ENSG00000100401	RANGAP1	6,41400515	21,25882723	68,71534982	47,03408099	0,2014496631	31,3331493	39,95437087	34,84726515	40,10226004	286,3975176	31,8219464
ENSG00000004732	GOPC	4,897706482	27,17342222	50,2742746	76,28457663	0,338038613	32,73044142	19,303128	32,20094856	43,20891486	286,3857723	31,82041914
ENSG00000119446	RBM18	27,05905027	20,69379177	33,86478111	31,68783083	29,0970911	38,47618263	17,57939697	60,85944837	17,06098927	286,3700895	31,81898983
ENSG00000115085	NAA40	14,53642726	8,732787277	44,89964701	19,40310899	114,1847758	25,64242912	20,80936794	14,36842491	23,79059397	286,3665623	31,81872914
ENSG00000108389	MTMR4	16,96077174	19,83711273	60,95108792	50,19725665	0,192169922	30,25523232	46,07572727	14,36672033	47,41261779	286,2458021	31,80508912
ENSG00000104303	TSPAN4	39,27269795	23,33666884	7,143568944	31,47134181	68,59963333	17,96394299	43,3789449	43,13708077	24,61184885	286,9746694	31,77496326
ENSG00000155229	MMMS19	18,9838718	22,84534479	114,1247465	3,078878756	0	27,52221262	27,32348892	26,31779741	45,76023167	285,9565725	31,7729525
ENSG00000148356	LRSAM1	17,27472503	29,48640551	33,4977164	56,49107968	33,07336816	23,71780066	43,927180236	11,27943885	37,16227193	285,9606919	31,7632291
ENSG00000137703	CDC59	4,896704109	44,96980672	12,56362585	45,68020495	59,71681702	24,7629031	29,70914911	27,70841314	26,30800689	285,829018	31,75877978
ENSG00000139041	RRS1	0,351419932	9,977376747	131,7173143	65,66104574	0	17,55565405	10,50449291	12,48735284	35,5485495	285,8032065	31,75591183
ENSG00000168905	RNFT1	22,89554014	42,04756871	48,2519148	37,69316638	0	43,930442631	22,25993099	38,30280071	30,23628326	285,6536943	31,73929396
ENSG00000161813	LARP4	17,21229873	16,32916026	57,70691404	24,09273866	82,873279	26,91547324	26,3871285	11,89434094	22,19986194	285,6111953	31,73457726
ENSG00000065033	SMARCA2	32,67628957	17,82325959	6,607539863	51,7228604	0,025526927	35,45730744	28,27215333	45,34923454	37,81894274	285,202524	31,68971712
ENSG00000180437	GMF2	31,82000229	40,3799839	61,04221766	51,05678047	0	17,33892957	16,5566492	35,94755305	31,59063272	285,1927489	31,68800321
ENSG00000145495	MARCH6	17,79651996	22,90458375	54,00812219	56,3549619	27,47831689	24,44116327	17,11059623	40,0890274	25,40972814	285,1879131	31,6875459
ENSG00000138613	APH1B	51,13828241	35,37129452	49,53898512	62,56542167	0,329889547	27,76860837	27,08573215	28,65425608	37,62683585	285,0791255	31,67545839
ENSG00000135392	NAUJL	45,45573225	0,319825859	62,731196	12,94715523	91,66406735	23,27180799	19,90404837	7,015428557	21,72347231	285,0327339	31,67030377
ENSG00000151116	UEV1D	6,959580226	15,8989001	31,30111359	71,15877574	75,66538245	20,54703969	34,60387579	0,059918606	28,1713891	284,3674293	31,59638103
ENSG000001020570	ITPR1P12	3,432484737	9,767000272	60,00484395	69,76766507	35,67041118	35,07759908	37,28694947	22,6063434	15,78696219	284,3402604	31,59336227
ENSG00000162616	NAUBA4	22,04206055	0,144863317	80,87103366	69,28662346	5,99643237	14,2068214	17,21743076	55,2509447	18,5746124	284,1908222	31,57675802
ENSG00000004759	DTNBP1	19,30967318	19,15300001	30,96763881	49,92899029	49,34490058	30,55103018	26,02317174	31,50604821	20,39927423	284,0642172	31,56491303
ENSG00000117409	IOBP13	30,21011969	8,511605287	67,79601389	13,92833507	73,56528519	16,711535976	19,44394341	36,15756802	18,02769893	284,0890094	31,56232294
ENSG00000127463	EMC1											

ENSG00000017797	RALBP1	44,6510031	27,87796444	36,33342669	43,12679782	7,503015435	18,54913673	26,26123228	38,3404367	36,58687287	279,2298861	31,0255429
ENSG000000176886	SEC24C	12,25144548	30,50597386	6,127713746	13,89248417	63,33027461	34,12433121	44,20643492	18,70384344	56,0351741	279,1776755	31,01974173
ENSG000000149187	CELF1	61,89287725	22,31951206	7,925571134	41,01761991	13,53734325	26,25488843	30,6353126	35,91405173	39,54483979	279,0420162	31,00466846
ENSG000000126934	MAP2K2	45,54096266	30,77794921	32,278811974	13,55506362	26,81721907	32,57373431	32,85328976	24,73841682	39,89524275	279,0306979	31,00341088
ENSG000000188938	FAM121OAOS	29,40578337	37,3770493	52,39530257	46,66565229	16,60352202	33,61063043	34,29901722	11,72677682	44,13255679	279,0179417	31,00199352
ENSG000000198894	CIPC	26,23148779	10,93730412	0	61,78084771	85,2997843	46,17545362	31,27831839	0,12537832	17,17079422	278,9936853	30,99992983
ENSG000000129521	EGNLN3	24,00438335	35,16198262	13,82534532	15,31709546	37,8686252	14,42896713	22,4547394	6,645511074	69,3761009	278,9002597	30,98891774
ENSG000000141298	SSH2	2,392345991	22,91541195	33,87170866	53,68321941	29,19102896	23,848992	48,61283578	19,62410171	44,73423257	278,8739734	30,98599705
ENSG000000131374	TBC1D5	5,65218934	9,779604405	72,94423199	51,98322992	20,55469117	18,50648637	17,44715682	31,37500996	30,59235947	278,830606	30,98145118
ENSG000000164885	CDK5	0	37,62374719	21,0115279	47,26754318	0	53,54976477	49,65398456	40,47895223	29,22521332	278,8107331	30,97897035
ENSG000000187837	HIST1H1C	26,12659399	41,34900001	3,463926467	20,72847929	0	44,96641798	32,24704794	70,51329556	39,36935674	278,764118	30,97379089
ENSG000000180917	CMTR2	1,773785385	4,031678714	0	23,09250435	86,10863783	29,21269057	42,44676887	43,31996309	48,60639062	278,5924194	30,95471327
ENSG000000111145	ELK3	38,52603697	47,34634799	5,506927025	64,33474288	0	34,18958267	33,36689492	15,72481469	39,41835152	278,4136987	30,93485541
ENSG000000116604	MEF2D	19,41524573	12,15948607	38,47339112	32,53983623	52,98270149	34,01284378	29,59448234	30,43681656	28,67730937	278,2921127	30,92134586
ENSG000000100897	DCAF11	43,6197915	34,45730269	16,45992397	19,8064028	0	40,6023679	43,29220432	31,5343855	48,37863031	278,1510088	30,90566765
ENSG000000065243	PKN2	0,701107476	12,86863883	2,982532597	34,88212942	0	24,48846848	31,56314717	29,12921807	25,30228859	278,0306406	30,8922934
ENSG000000162851	TFBZM	40,23403647	41,93476347	0	4,680447975	0	59,14749259	21,23993288	59,64121678	50,94111513	277,8190053	30,86877837
ENSG000000143819	EPHX1	36,63286562	25,33877752	6,317729522	15,29403559	66,58279792	22,42571192	28,86618085	66,13961439	10,00370306	277,6014137	30,84460137
ENSG000000162144	CYB561A3	34,80804993	23,30459395	35,15082879	42,50011948	42,29297847	23,17143093	23,17122202	13,37730430	39,60022334	277,3762807	30,81958675
ENSG000000160179	ABCG1	15,84920542	4,993985952	25,6135886	23,1904368	107,9523408	27,02382698	33,94524911	19,92000579	18,61197313	277,1606104	30,78895683
ENSG000000178202	POGLUT3	30,23435476	0	55,90000775	0,158562716	96,72465195	14,24586564	41,74721658	20,0750041	17,99003507	277,0756311	30,78618123
ENSG000000006327	TNFRSF12A	52,0873558	67,03550002	13,8388361	51,39628288	0	36,00115869	26,3433381	4,827777772	25,34270758	276,9729569	30,7636188
ENSG000000135596	MICAL1	55,24487428	15,09058179	1,828549109	25,74468477	43,62325357	31,50385019	48,58513514	9,998531717	46,15600663	276,7580802	30,7538978
ENSG000000204899	MZNR1	24,99318717	0,120189153	36,88126818	61,16942704	0	33,91090228	23,62059141	65,31673881	30,65509646	276,76674005	30,74082228
ENSG000000180185	FAHD1	0,049723781	48,26379534	34,94188806	29,62243048	0,11816942	42,52854794	34,96984903	49,90768887	36,26422761	276,6663478	30,74070531
ENSG000000072588	AP1M1	30,567005	26,56977302	40,25305031	22,31501522	45,87988364	33,9236605	27,13532752	23,8209044	28,16600971	276,6393945	30,7377705
ENSG000000162542	TMC04	18,48812113	5,754404047	85,36682665	0,965472279	76,35898409	25,20985523	10,52291882	40,83564383	13,11102747	276,615298	30,73503312
ENSG000000163686	ABHD6	45,21949091	24,20674506	3,202680931	21,15688983	72,74406612	27,08932793	28,4571887	22,83033782	31,84608838	276,535157	30,73039063
ENSG000000163376	KBTBD8	0	83,56790374	33,04535383	62,91970882	0,151654368	16,88532474	45,59426549	0,27908325	34,10063933	276,5439336	30,72710373
ENSG000000148832	PAOX	69,10790098	41,2342809	31,87505135	18,09149157	0	41,29329909	31,95311122	10,42704635	32,54379101	276,5259725	30,72510805
ENSG000000117143	UAP1	32,88644366	14,19896538	0	39,93360391	0,313457267	59,95372018	47,5670185	41,14809297	40,22979708	276,2310988	30,69234431
ENSG000000135588	EXOC4	5,410407862	20,13613879	82,5895668	46,25572721	52,47068456	33,02470493	21,33233728	23,70099934	54,7640109	275,7290795	30,6656439
ENSG000000168397	ATGAB4	35,85404471	20,52065924	33,63163567	47,09251274	29,53874332	36,81625181	31,81177595	15,97913471	25,33761715	275,7823753	30,6448614
ENSG000000156603	MED19	35,42282956	45,42842623	8,293492564	72,8342595	16,74987701	28,72719096	28,94440797	23,23780656	39,40698766	275,7548445	30,63942716
ENSG000000132744	ACY3	44,30813232	14,68659957	39,94316521	19,41310533	0	62,20133948	29,10252777	11,32780793	54,7640109	275,7290795	30,63656439
ENSG000000159210	SNF8	30,76691505	26,40715333	44,25527522	15,89376221	52,47068456	33,02470493	21,33233728	23,70099934	54,7640109	275,7290795	30,63656439
ENSG000000140382	HMG20A	30,27875405	9,254940187	15,36857021	0,774287758	109,3112744	15,62456313	23,16194478	46,4971959	25,30972473	275,5812551	30,62013946
ENSG000000103249	CLCN7	16,57201064	1,76337742	13,63827325	22,89984232	31,94040322	38,95840644	59,68193937	16,99204388	43,10332564	275,5496222	30,61662469
ENSG000000176095	IPK6I	49,19811464	17,79019039	0	17,76350519	81,76830195	32,54399774	34,14240765	16,77590881	25,44667767	275,492949	30,60324989
ENSG000000146576	LORP2	20,85814044	43,50909106	61,43319368	28,83312311	0	31,30618077	33,71669715	21,34966369	34,38570016	275,3917901	30,59908778
ENSG000000118308	LR38	33,96897143	40,56611196	56,10067352	10,06885076	0	22,64014224	19,57033469	50,39002179	42,3707578	275,36718642	30,58762629
ENSG000000205846	CLEC6A	31,35409582	0,159418549	50,73715243	6,82588586	146,40268806	8,384303817	28,3464837	0	7,07149123	275,2874339	30,58749265
ENSG000000165219	GAPVD1	1,11286545	30,31768055	30,31768055	78,71139417	1,792293055	41,92511641	38,25348691	15,83660716	43,78475864	275,2544951	30,58383278
ENSG000000079061	ELP1	52,29882763	60,34966085	50,21635209	33,39243813	0,118598824	16,1958279	20,20039196	15,87788295	26,14617519	275,1211556	30,56901729
ENSG000000070385	CEACAM1	63,73258785	11,85562337	18,96698274	10,43224244	0,13068324	12,43725575	6,460717605	17,1779536	274,9857166	275,05596851	30,55396851
ENSG000000029633	BCLAF1	35,44336577	14,76707753	28,22665804	32,1891881	18,76603027	30,30004343	16,54423658	62,8425334	37,76195465	274,9518323	30,55020358
ENSG000000178363	FAM91A1	36,96892879	20,19464051	33,10653802	18,25071831	0,39451095	35,3651882	48,00799293	37,71585522	44,67685913	274,9275028	30,5363892
ENSG000000011405	PIK3C2A	36,11943236	13,89653781	3,110815971	16,8877554	18,49431933	26,71441489	24,3879209	3,015700095	32,10516845	274,7320652	30,52578502
ENSG000000176024	CTBP1	54,55354368	9,673433172	46,60657772	0,135445095	130,5797241	8,353659974	10,25776138	10,2912401	4,19637878	274,6776614	30,51614822
ENSG000000159692	CTBP1	38,82137373	27,54861596	40,1294079	24,56115596	16,06386327	32,84080905	29,92319603	36,99159852	27,76205524	274,6425257	30,51583619
ENSG000000134072	CAKMI1	32,35732396	23,11058122	17,50813883	27,10623128	15,07896863	31,65439364	37,80284773	21,78555712	57,22566947	274,6261188	30,51401321
ENSG000000148523	CLPTM1	31,14153076	17,31476311	18,22283671	10,25441917	40,35138216	34,51721517	34,89528174	17,77018086	39,54026107	274,6076008	30,51195564
ENSG000000076831	HLH20	0,035605695	15,79535816	3,340477156	11,00550435	130,0574134	22,79120316	27,9677036	41,96612439	27,96772264	274,3291126	30,48101251
ENSG000000130717	UCK1	37,15837055	34,76654845	41,73844258	0,583321264	0	39,74683339	31,74156313	28,56215338	59,82540093	274,1225982	30,45806647
ENSG000000099331	MYO9B	16,89133038	9,191437679	29,06272134	55,05169402	0	16,72781548	30,32637131	33,66459232	274,0881729	274,4542414	30,45452414
ENSG000000152213	ARL11	23,65792782	26,21147622	0	24,46260037	79,19286559	28,96713676	37,31971715	16,58218426	32,49642535	273,9173335	30,43529258
ENSG000000143374	TAR52	45,777423467	23,08507286	0	20,03253546	0	43,78704453	63,08908035	24,96292539	53,01435319	273,7452434	30,41613815
ENSG000000198604	BAZ1A	51,99946767	27,86614706	13,25262358	37,48948843	1,212919733	20,88430096	21,6288861	68,12154568	31,26412657	273,7195012	30,41327791
ENSG000000115380	EFEMP1	0,038139972	19,35603534	0,07016156	0,005859408	251,7085853	0	2,470137783	0	0	273,7089194	30,41210216
ENSG000000196954	CASP4	27,45609199	42,08200031	37,36986777	14,25061227	28,39534056	62,63447353	38,04584261	25,58203103	27,72421351	273,5886808	30,39874231
ENSG000000103393	EP300	7,987199168	14,33362556	44,0555186	45,17040614	87,81363784	25,92530137	23,13667771	11,53073072	13,49501346	273,4481106	30,3831324
ENSG000000204634	TBC1D8	21,87720202	15,91954163	4								

ENSG00000196975	ANXA4	16,57297669	32,24492406	38,40448384	15,02853335	27,30721999	23,68651	22,25793774	65,51925918	27,28885643	268,3107013	29,81230014
ENSG00000009236	HAUS4	28,74611274	49,0027129	17,73642223	56,72946277	35,50157666	39,46829001	21,54590971	7,288040875	12,22385554	268,2423934	29,80471038
ENSG00000128487	SPECC1	28,41886427	43,50739238	27,80614035	29,68812668	10,05718183	26,04653518	36,25786843	15,41521253	51,04102753	268,2108043	29,80120048
ENSG00000100749	VRK1	41,15520801	9,972223144	14,51511411	34,6998426	0	38,89113443	18,99494508	79,81571259	30,09010184	268,1342818	29,79269798
ENSG00000204020	LIPN	25,24821565	36,73791814	0	130,7944735	0	3,742343835	38,8846547	19,87576346	12,73131471	268,1085208	29,77983564
ENSG00000006023	WNK1	4,076119398	24,457891	65,91978015	51,37429422	20,47249616	21,82305417	31,47225792	21,06566317	22,0432228	267,7038789	29,74487544
ENSG00000100104	SRRD	23,25694713	32,28382497	0	12,68727591	120,39875	18,40036264	16,26843851	22,87565077	22,07438343	267,3456343	29,70507048
ENSG00000006560	TMEM206	17,83872214	13,34268703	0,095394681	8,685893115	0	64,90667723	61,1850864	30,61679246	70,53749267	267,2087457	29,68986064
ENSG00000002975	RABE1	29,2202761	20,9681802	32,17307563	8,945497075	0	32,98978874	20,93838378	67,45377699	54,01497271	267,1171259	29,67986066
ENSG00000005007	UPF1	0,05271299	21,3266428	29,64043614	40,62896872	52,36434862	36,67395422	30,6526939	4,764405392	50,91330308	267,0154659	29,66838509
ENSG00000180628	PCGF5	30,56025858	35,06621199	52,23831985	30,41939249	4,709313296	26,4275269	31,47324858	21,2683462	34,81268469	266,9753026	29,66392251
ENSG00000188976	NOCL2L	54,14340844	27,83062275	34,17047787	20,5356767	21,78041412	25,90481026	36,7578247	18,13214955	27,507969	266,7633534	29,6403726
ENSG00000140455	USP3	54,80774948	32,42984777	2,900101496	26,38252899	54,11740399	20,25801478	19,86128774	24,47190576	31,5010334	266,7298734	29,6366526
ENSG00000108840	HDAC5	40,80263112	27,87719402	0	28,87479438	0,047140659	34,47577355	45,77081289	30,53635279	58,305748	266,6904474	29,63227193
ENSG00000145632	PLK2	57,84930175	53,95153219	0	61,42949477	5,950516626	21,38593403	23,22024651	16,78126919	26,11529568	266,6835907	29,63151008
ENSG00000120688	WBP4	1,83509487	62,6562965	34,22368053	17,37381112	28,72338802	27,58228599	36,83195257	20,75594017	36,65566829	266,6381081	29,62645645
ENSG00000119328	ABITRAM	37,22406929	43,64608397	0	0	0	17,34669	64,25074823	69,48940806	34,3720463	266,3294058	29,59215621
ENSG00000167515	TRAPPC2L	25,2462864	33,94582793	17,12850711	43,20657545	16,25403172	25,16725531	22,8562357	46,71839841	31,4394184	266,2408787	29,58231985
ENSG00000007830	PPP2R5C	22,4725287	25,25852979	14,47387456	19,39344552	35,26082385	22,94347397	33,74501266	46,0652011	46,61454518	266,2273443	29,58081604
ENSG00000170201	DDX58	14,72025387	47,8494776	11,800217231	27,498939711	43,88354451	24,63629038	33,88239674	28,41542243	33,52446964	266,2125275	29,57916972
ENSG00000070610	GBA2	17,80732521	19,8747766	59,55467199	28,79357413	0,074769424	38,10105478	19,64474072	23,04771731	59,24027183	266,1384494	29,57093882
ENSG000000036549	AC118549.1	12,0277841	27,7727005	62,61341261	24,30333522	69,3278648	9,945793896	18,31632844	2,934587633	38,84869021	266,0904974	29,56561082
ENSG00000174891	RSRC1	30,68279909	19,44121204	84,74671769	21,36637673	1,052719002	25,84145586	32,34226459	17,43564765	33,12331998	266,0323424	29,55914915
ENSG000000183527	PSMG1	0	30,91895826	2,210577328	28,0688773	0	27,50883121	44,2513656	46,11631539	31,47937117	265,6941067	29,52156741
ENSG00000149474	KAT14	0,177735322	22,64478429	103,5804462	26,88532554	1,774045728	18,65567059	26,23926727	28,83820855	36,89825059	265,6937344	29,52152605
ENSG00000024707	PGAM5	0,076472961	16,62317561	29,47208033	20,46807746	65,78975219	17,46427123	37,11407341	57,60865815	21,06762196	265,6841833	29,52046481
ENSG00000148396	SEC16A	20,64799076	13,03748071	21,23517147	57,49725054	50,6544744	19,87600393	34,62855738	17,85506804	30,20122432	265,6332107	29,51480119
ENSG00000131462	TUBG1	26,957698	40,19902908	28,62917963	10,18599844	0,149135192	62,56096497	38,71447536	20,7207723	37,50889167	265,4642173	29,49602414
ENSG00000120733	KDM3B	22,36328948	18,18951068	71,96690063	47,13355745	0	28,19973979	30,2199885	6,548246003	40,79557806	265,4186106	29,49095673
ENSG00000178802	MP1	21,94344921	35,57527526	14,49533189	21,24223116	49,46261419	35,96544761	32,75479624	13,08651753	40,78890812	265,3407312	29,47830347
ENSG00000176014	TUBB6	42,28306471	50,02017393	16,7449756	14,38723324	51,02836101	28,65251883	36,54091039	4,414355408	21,21638705	265,2789802	29,47642244
ENSG00000130254	SAFB2	24,28114354	29,05094451	34,59739019	21,38788882	25,85147388	29,14049179	22,39201339	38,38048566	40,05366224	265,2736668	29,47485186
ENSG00000072803	FBXW11	18,98876238	28,99222271	1,644852657	46,50696876	6,310475014	36,47236275	40,02361855	30,09875566	28,21658139	265,2545999	29,47273332
ENSG00000137267	TUBB2A	26,100275616	33,90124829	44,84575968	44,8631408	0	37,11157637	25,84057181	22,87331055	59,8210485	265,2089623	29,46766248
ENSG00000163545	NUAK2	50,58976385	3,740428946	52,18690612	40,49383215	0	33,06533539	30,26456715	19,49381494	35,05213396	265,1867285	29,46519806
ENSG00000143771	CNH14	9,648513844	43,72453047	49,37013939	47,16309953	14,95735147	18,49034459	20,04074262	19,18935379	32,89739029	265,0405674	29,44895193
ENSG00000026950	BTN3A1	40,13066423	10,21447229	0	0,612412831	91,09228146	23,75285924	43,67337066	25,23448674	30,19712404	264,9076535	29,43418372
ENSG000000075188	NUP37	34,91832568	38,68841343	0,079696129	39,12528432	70,73215355	22,07067305	18,8493274	10,23134555	29,94430777	264,6195269	29,42016965
ENSG00000173145	NOCL3L	87,2677086	21,8045578	13,2621069	18,08007563	0,080447478	32,22322357	24,00350885	20,20802799	46,71142428	264,5053811	29,38948679
ENSG00000107937	GTBPB4	20,17359511	32,59232937	32,01698575	29,41433303	41,6555228	37,48641196	36,44604645	7,989595816	26,50612873	264,424949	29,38054989
ENSG000000050032	MSL3	42,41293624	24,12729633	39,67895891	23,69225536	0,036719585	0,141783109	21,89957635	52,50463373	28,59908139	264,3662892	29,37436547
ENSG00000111647	UHRF1BP1L	0	34,89961331	67,8010443	0,98548957	0	27,88479598	39,40062938	59,21570417	37,93585383	264,1591038	29,35101709
ENSG00000189306	RPR7A	53,23333788	27,8961765	25,74973548	19,7612439	32,95060959	30,82443872	33,3509162	18,14491573	32,05037393	264,0805538	29,33120043
ENSG00000164011	ZNDF91	11,50399728	4,477813361	0,136532465	55,36537771	130,3476738	25,58738757	12,26355406	19,15092287	51,11692165	263,9449513	29,32721681
ENSG00000118762	PKD2	0,08196198	11,10188357	0,050258561	10,2845461	59,86374508	41,60512925	51,19988055	24,01639778	65,72334073	263,9271436	29,32523818
ENSG000000033178	UBA6	5,059978786	16,57083714	63,3057764	65,6454572	54,74276001	13,27808174	20,55610541	11,12262219	13,55402406	263,8366431	29,31507145
ENSG00000198382	UVRAG	2,427313822	28,76339451	17,7095952	49,87104606	10,70606341	16,35165499	34,91170142	47,77042073	55,22773729	263,7389274	29,30435257
ENSG00000108064	TFAM	18,08068267	36,65250361	22,9457257	21,40413748	26,62334065	17,43286067	33,06601707	59,49323622	26,00162438	263,3900745	29,26556383
ENSG00000183943	PRKX	13,23271426	16,04197335	20,37888882	8,779601209	37,6817384	42,40336965	44,24132134	38,35949856	42,05742023	263,1412663	29,23791848
ENSG00000141524	TMC6	49,64389263	15,4964981	6,413198731	10,59512182	32,85041078	41,58655146	46,86502884	8,271346309	51,40846288	263,1125111	29,23472345
ENSG00000155975	VPS37A	53,98486296	17,69803986	58,02791294	6,783334489	0	27,81533174	17,2979333	31,7883815	44,78368374	262,8544855	29,20605395
ENSG00000101210	EEF1A2	0,823490848	9,38581304	6,525627979	0,328151299	236,3506776	0,799820428	4,339295209	3,185912829	1,051740956	262,790494	29,19894378
ENSG00000116251	RLP22	26,9374703	41,04038329	6,01843011	63,6535908	8,006050248	20,38213253	21,89342985	40,09131087	22,94696690	262,7504437	29,19489375
ENSG00000116210	HIST1H4I	33,98236172	22,7941422	54,35005026	9,477554445	46,34669982	15,25761872	28,70109604	33,19667216	18,52720353	262,6333899	29,18148777
ENSG00000124532	MRS2	51,07627708	6,16418391	28,37747358	39,7528054	0	21,42971131	24,50179131	74,03073303	17,24036648	262,6191929	29,17991032
ENSG00000151287	TEX30	42,131449	0	13,55399419	44,99277709	74,02023812	11,17837219	29,42101313	31,63735221	15,56958897	262,5047849	29,16719832
ENSG00000149636	DSN1	33,54334683	25,45342096	3,044688926	48,58592079	29,26225296	38,46411691	49,29028011	0	63,78048372	262,4248435	29,15831595
ENSG00000122643	NT5C3A	44,92242716	87,84623465	10,73472872	33,82075636	32,67336342	22,88094363	20,06807313	12,85811193	28,21206239	262,4194014	29,15771127
ENSG00000183696	UPP1	35,33611816	30,67825503	20,78817466	10,88178606	22,26842402	32,74741514	42,81880544	37,37229388	47,76021255	262,4123818	29,15693131
ENSG00000196418	ZNFI24	0,033453746	25,76347754	31,50892421	41,88130542	40,01277021	16,52861623	9,52763423	48,50080103	26,6200354	262,377018	29,153002
ENSG0000016618	FBX06	27,11182097	5,563753316	15,38103141	10,37724106	41,18985068	24,67142837	38,11161436	40,56631866	16,2877113	262,3613773	29,1512644
ENSG00000204038	RNF5	31,91154908	32,1199379	17,7591545	3							

ENSG00000103549	RNF40	6,648587119	15,74404201	52,62998961	18,36105371	39,58385911	33,21772393	30,75686967	16,21018881	43,61965746	256,7719714	28,53021905
ENSG00000127922	SEM1	25,22454597	34,6787652	19,3787693	47,8267238	22,12839164	19,03134379	27,78037638	36,7245381	23,98697931	256,7603471	28,52893746
ENSG00000138660	APIAR	26,45751281	4,048601627	30,91358244	0,151530183	70,90590267	30,78305996	24,0483714	37,89827357	31,35215721	256,5554576	28,50616196
ENSG00000131478	STARD3	24,81409392	13,92945455	51,44436897	69,5897603	0	40,23019623	45,38972878	23,32014292	28,86782104	256,5336678	28,50374086
ENSG00000100811	YY1	23,70534942	28,59638431	22,63195059	61,53810463	23,8265114	25,85267017	17,54327618	20,72694434	32,10688079	256,5280709	28,50311899
ENSG00000107771	CCS2ER	22,96077004	24,92345514	32,23961974	39,3075122	6,991367159	35,29341803	20,06274183	36,08734593	36,85168401	256,5180713	28,50200792
ENSG00000163832	ELP6	28,61100078	63,33868936	36,19532539	0,1039429	0	15,85909924	27,17755047	46,87230538	23,28775356	256,3710751	28,48567501
ENSG00000106500	APD31	9,368750114	19,11519657	11,29606811	28,32627438	32,73043896	38,66045831	47,16973587	29,84768298	39,85353845	256,3681437	28,4853493
ENSG00000177866	PNPLA2	21,81261957	21,97770505	43,39130754	10,57793939	54,27533999	26,67734671	34,35614155	11,38537273	27,84544604	256,3290785	28,46989761
ENSG00000169891	ZNF35	38,48828305	15,5356915	2,61456075	88,74537887	0,13510818	28,83773004	28,74771715	11,68579735	41,39245342	256,1827203	28,4647467
ENSG00000170831	CDC42	25,43040876	24,16542414	16,71650893	39,5485234	33,30324459	34,85220138	30,6012698	34,47707678	16,96139925	256,059734	28,45108156
ENSG00000123130	ACOT9	28,70229609	30,0178184	22,57141419	22,81718388	0,05751402	47,88529807	24,34335379	39,79449076	25,7538869	28,41709855	
ENSG00000104976	SNAPC2	17,19684689	30,90817797	25,71807791	16,75366116	0,544667658	53,84964117	50,8097755	23,38768425	26,49581359	255,6643461	28,40714957
ENSG00000126653	NSRP1	30,40447812	32,91797338	39,15782917	49,4614569	0	15,6037413	25,40212922	23,9265979	16,78264475	255,4758941	28,38621045
ENSG00000178623	RMDN1	35,00147584	39,84458755	22,03012312	31,72390271	3,428175386	45,57161914	19,81943105	22,02103566	35,98433203	255,4246825	28,38052028
ENSG00000134291	TMEM106C	0,043485056	43,828678	0	4,505352079	71,2034494	43,16062197	31,44882278	24,6280728	36,52753229	255,3460144	28,37177938
ENSG00000196591	HDAC2	44,23036856	21,47514355	37,60064732	14,05675921	34,5462972	24,12969321	16,81611767	36,31267503	26,12008449	255,2877863	28,36530958
ENSG00000134719	ELP2	20,79478197	37,14227343	15,51083187	47,89312825	39,68726734	18,69119155	27,87347249	15,7748148	21,86133142	255,2200931	28,35778812
ENSG00000106598	PDE4A	32,17971336	7,336035199	1,521038696	14,85654617	87,52228775	24,3149041	26,05151525	25,70372412	35,70166111	255,1874258	28,35415842
ENSG00000112297	CRYBG1	12,18521328	4,102070963	0,025617925	51,14816063	127,2515851	12,61415775	17,09014383	8,831077442	21,92273049	255,1707557	28,35230642
ENSG00000106392	1CGALT1	0,232328872	45,58929329	19,62421967	37,97849214	51,53256213	17,60076329	17,45813972	40,76982556	24,16383812	254,9540065	28,32822295
ENSG00000123737	XOSC9C	3,528372484	49,12047253	0,118013203	46,13857469	27,06150022	23,03237469	25,24854059	36,05205083	44,61736716	254,9177259	28,32419177
ENSG00000198677	TT3C7	35,08182083	11,87581271	3,53657482	39,46223406	65,44087605	28,24955295	30,74947299	9,229662686	31,28849045	254,9144975	28,32383306
ENSG00000163743	RYCHY1	29,76176205	21,64741204	46,15358841	51,15358908	0	27,1421111	18,51953568	47,56445793	12,93706941	254,8795257	28,3199473
ENSG00000105273	SIKE1	11,20382073	22,51956058	46,55011159	63,83919806	32,41441	15,42568647	20,43629432	26,23742409	16,17564473	254,8021533	28,31135036
ENSG00000147162	OGT	18,49892332	3,616875538	19,03195037	22,77114943	84,32987046	19,86993622	28,52764037	22,184295	35,93108278	254,761728	28,30685867
ENSG00000144659	SLC25A38	82,58627939	9,604790993	42,39504464	44,9985767	0,132613568	13,17236853	20,29394587	11,47003299	29,99074233	254,644575	28,2938417
ENSG00000171425	ZNF581	18,22236164	34,76825934	0,170018409	24,09858175	67,18677339	35,82044867	13,35280587	31,52770185	27,62122625	254,5691873	28,28546525
ENSG000001085415	SEH1L	20,68921562	36,04733118	68,90490384	0,907026383	0	33,44805348	20,86583233	9,142832228	34,36414084	254,4329334	28,27035293
ENSG0000014919	CXO15	36,75564754	6,355292796	0,133100359	21,23961967	67,92024383	20,12717728	34,30383506	5,300243242	60,82168924	254,301849	28,20020545
ENSG00000180776	ZDHHC25	1,979022544	30,45100216	117,3461021	41,9443375	0,386563555	25,18126083	21,2493709	4,920356854	10,33592168	253,7939371	28,19932634
ENSG00000147535	PLP5C	44,7953325	17,19194199	46,28483562	26,01716348	2,62640816	31,95254899	35,51220269	20,62195529	38,76951283	253,7719016	28,19687796
ENSG00000172409	CLP1	59,52211501	35,53247815	0,253169489	0	0	32,94035129	35,53850023	58,68373462	31,22830907	253,6986393	28,18874377
ENSG00000136257	CUL3	0,2626681781	16,22136741	47,30856443	56,58694147	0	24,02496748	21,58242391	18,92711081	38,04159582	253,6702519	28,18558355
ENSG00000172037	LAMB2	0,066035209	2,109201457	0,080984734	31,50984617	115,9743032	17,23149908	39,58758035	39,22857575	7,823691906	253,6117178	28,17907976
ENSG00000100461	RBM23	38,22487478	25,96896563	17,90158532	10,23545236	58,3984992	25,62846307	28,5350768	25,96811235	27,6741933	253,5551944	28,17279938
ENSG000001020407	YSY1	27,07397724	28,02083901	0,648620231	34,35643832	32,55999051	36,03024691	31,86946433	22,35940574	40,51454186	253,4335241	28,15928046
ENSG000001046851	OFD1	8,962701931	40,40779754	53,22223302	22,53477667	0	32,02176703	33,86438443	38,04849348	24,30797826	253,3697324	28,15219249
ENSG00000119820	YIPF4	12,1869185	14,96372139	40,72377788	0	12,7279904	14,05484948	28,89489208	21,46702412	36,50196383	253,2312764	28,13680849
ENSG00000103254	FAM173A	10,12197424	1,03624478	0	16,10372751	0	30,54420659	44,09835936	28,86117823	35,08922039	253,1083117	28,12314574
ENSG00000163781	TOPBP1	3,020556314	2,49639321	58,45802739	123,5011237	0	13,76530798	15,09972917	4,704982889	31,83105139	252,9263392	28,10292658
ENSG00000148926	ADM	58,03945789	69,8891486	32,40112121	0	0,463377474	19,40975349	21,10060207	36,9518226	14,62791982	252,8839694	28,09821883
ENSG00000186591	UBE2H	21,74988377	27,79143596	65,82951752	35,10965751	0,166670095	26,45697095	29,44298426	17,37792128	28,89249496	252,8616926	28,0907694
ENSG00000100949	RBGGTA	58,56686688	35,70184035	0,235244009	12,66031471	1,215630609	40,38951416	31,21716018	17,71017428	55,09864455	252,7971898	28,08857664
ENSG00000101346	POFUT1	85,90484055	18,88735921	6,151343399	27,40691489	0	35,24016145	43,54409096	12,92489893	22,64796329	252,7707529	28,07861921
ENSG00000103591	AAGAB	66,46815083	0	0	26,54960608	0	36,74878153	42,32536897	36,72453059	43,87975545	252,6961395	28,07735483
ENSG00000140750	ARHGAP17	14,93862597	27,02269172	48,81423731	17,75928233	31,54925395	32,1500956	23,33801389	24,39136311	32,65403905	252,6176065	28,06862295
ENSG00000160214	RRP1	32,88103455	17,22012845	43,55086942	0,39635898	0	40,35557194	27,98068095	14,45769799	45,20472925	252,5875233	28,06528047
ENSG00000108827	SIGLEC1	24,66133711	1,156077606	26,54311622	9,262514377	33,9718091	5,34381014	32,25061666	11,80776719	0	252,559993	28,06222145
ENSG000001095261	PSMD5	48,70988616	68,33079839	1,390216453	9,846602815	0	21,42241591	38,19158321	29,06882897	35,48785604	252,4491879	28,04990977
ENSG00000123341	CHUK	3,918411147	8,040764018	58,18937318	0,907205474	74,91369854	17,23278046	27,17342047	33,50777883	28,53792751	252,4213632	28,04681814
ENSG00000152270	PDE3B	0,259552814	34,54986377	82,17939104	16,69840195	8,7107472	24,63432282	25,02715465	33,82222044	22,66732914	252,2993839	28,03326487
ENSG00000141127	PRPSA2	34,53773499	20,27774314	28,53788008	27,47737361	54,16348231	24,63477569	24,59578963	18,98567857	24,56779217	252,241425	28,026825
ENSG00000196233	WDR5	59,08677315	32,58490549	4,136380641	16,46572311	0,296873141	43,47780613	30,04511395	26,31457427	39,7913331	252,199483	28,02216478
ENSG00000129219	PLD2	20,01466732	23,75098842	37,96913604	20,22134328	0	43,67513526	23,78535267	25,71622363	37,0851514	252,1677387	28,01863763
ENSG00000143622	RTI1	21,10608268	30,9445696	61,81924935	0	0,088934508	42,56645801	30,91703327	19,63949881	45,05788641	252,1397126	28,01552363
ENSG00000122873	CISD1	30,2440699	18,5059862	0	8,056473971	66,91874291	34,7046749	24,31096232	42,24953424	252,0965354	250,1072616	
ENSG00000125676	THOC2	42,99380253	60,03646416	9,385919465	18,28093624	2,960336286	27,7586672	32,68308638	25,9473286	36,76422884	251,8679697	27,98532997
ENSG00000123992	PNPEP	30,64813594	41,86016496	46,08632821	5,819249616	1,90017682	18,18628455	31,12340026	17,72792321	28,38724933	251,7989526	27,9776614
ENSG00000117483	ADGRE1	70,48022031	32,62261722	0	20,06109192	0,096875517	23,81020146	56,69350043	0	47,92804837	251,6925579	27,96583977
ENSG00000112282	MED23	6,043608872	15,23780286	131,3162116	5,993832647	26,16248187	17,51610215	22,78245335	9,184712318	51,68859521	27,96510579	
ENSG00000129545	UMAD1	11,31718293	27,37163807	0	53,13281466	84,41942227	30,15751954	6,587861248	19,46323012	19,020539		

ENSG00000156467	UQCRB	13,81226832	35,24625158	21,14537243	38,46205699	17,15188262	28,22956081	20,78041834	52,61783592	19,53157995	246,977227	27,44191411
ENSG00000155100	OTUD6B	36,13431016	3,23631128	66,54187936	42,97520955	10,38433929	13,01586621	20,91698017	16,70036411	37,01042133	246,9156833	27,43507592
ENSG00000157326	DHR54	45,46627744	12,92849699	15,59369123	14,75849184	66,26276396	26,99796589	13,6696931	34,92771506	16,28418763	246,8892831	27,43214257
ENSG00000160445	ZER1	0	19,69647186	82,69430862	31,58686535	0	30,7902695	44,44578351	3,70510155	33,85213542	246,7709358	27,41899287
ENSG00000163428	LRRCS8	48,85615823	13,10570271	51,04610557	56,78606206	12,336445	9,156271649	18,08053155	25,83215424	11,14891364	246,5413346	27,39348163
ENSG00000162636	FAM102B	32,38776295	3,928925563	34,16033516	55,4426305	7,758475247	30,94631506	24,46335992	32,44266663	25,02468145	246,536785	27,39297611
ENSG00000113658	SMAD5	63,28590935	24,76754094	13,74525489	58,10421503	0,19176176	16,53599885	12,28332343	28,91302466	28,7402457	246,4948679	27,38831866
ENSG00000135776	ABC810	9,594883939	15,14110169	0,13026244	55,0849138	89,94766935	14,14982425	13,55244214	37,23969078	11,62628938	246,4670884	27,38523204
ENSG00000143175	SNX27	28,09529909	18,96618061	26,08298697	58,29572131	19,1260016	28,14158144	32,09025187	26,10098912	44,70725986	246,4432719	27,38258576
ENSG00000165240	ATP7A	19,22083248	18,7110077	27,13615252	0,07185543	79,74908793	27,39347709	12,88024196	36,88642288	24,38810132	246,4371093	27,38190103
ENSG00000162813	FUBP1	21,36243683	29,90923827	26,59110724	44,67118344	23,89468999	24,68454221	27,30408037	30,15084211	17,81056505	246,3768655	27,3754095
ENSG00000142887	KIAA0319L	34,07410622	15,08107101	0,086697193	5,913694195	36,40083208	25,63084697	44,76704225	44,10832568	40,24517163	246,3077872	27,36753191
ENSG00000089009	AC004086.1	19,43675431	22,55118238	13,5645877	59,73280957	30,6869049	24,47432838	20,39915674	30,68798659	24,74053096	246,2742325	27,36380362
ENSG00000119844	AFTHP	58,69389254	37,05725231	6,459048598	6,198732707	0,062271119	35,5008933	35,04988813	17,70492134	49,48991767	246,2258177	27,35842419
ENSG00000137200	CMTR1	25,06098357	0,457406748	29,87390374	61,27718604	3,743643827	28,14442118	37,12266646	0,814186766	59,7061894	246,2005877	27,35562086
ENSG00000131375	CAPN7	86,16758953	26,64169979	1,589593132	48,35410448	0,064173971	20,4275174	19,75328136	17,8916501	25,14042483	246,0300346	27,33667051
ENSG00000025996	RBM15B	60,72710433	22,95237229	9,190465229	31,98659411	0	28,30298183	33,83001403	20,70204492	38,29717737	245,9887541	27,33208379
ENSG0000014032	TLE3	15,45313102	15,87543265	40,11063166	27,51032026	49,57266059	25,38429197	32,39545852	7,454001246	32,09728602	245,8532139	27,31702377
ENSG00000166885	FPGT	0	29,31600336	54,93099564	72,22530278	0	28,81604753	21,55208095	6,482209219	32,50091095	245,8235504	27,31372783
ENSG00000025487	DCTN5	24,50795899	20,78243208	30,42153886	43,43087057	45,19053833	20,31531385	19,4195586	22,97904498	18,77047485	245,8180009	27,31311271
ENSG00000163374	YY1AP1	42,99746892	42,51881745	17,7871689	20,54474861	0	33,10912928	21,04971177	33,49936527	29,7665954	245,7730697	27,30811886
ENSG00000101363	MANBAL	56,23234439	1,966811737	33,43917083	0,127596555	0	56,95316618	34,78810672	33,1242476	29,0811184	245,7125624	27,30139582
ENSG00000150433	TMEM218	16,01928063	46,81690935	13,94000964	29,48985859	29,66162592	27,89646865	37,03502978	16,93599	27,82215636	245,6165322	27,2907258
ENSG00000137814	HAUS2	18,81423133	13,08009757	108,673753	0,130464766	0,66837418	15,80100731	23,19962469	19,64953526	29,70090762	245,3906418	27,26562687
ENSG00000243943	ZNF512	46,56935041	6,703550002	0	29,77030847	72,55806708	22,39792785	5,418037064	46,63633328	15,29010024	245,3438544	27,26042827
ENSG00000143756	FBXO28	10,66810507	2,316176745	61,69126449	72,1255478	27,44087533	29,68200849	14,38115101	15,97283518	10,89764161	245,1756076	27,24173418
ENSG00000141497	ZMYND15	31,96552527	33,31577792	14,51718164	14,89987373	38,95163013	32,51561661	35,06688762	3,413384342	40,47561274	245,11249	27,23472111
ENSG00000163993	S100P	23,09970507	0	221,3217349	0,554002069	0	0	0	0	0	244,975442	27,21949356
ENSG00000165775	FUND2C	30,19516753	37,50906552	40,4274604	27,14302787	10,35300226	23,42208954	21,51665789	29,52763819	24,85563751	244,9497464	27,21663849
ENSG00000033928	RFC1	8,276334277	48,1689826	34,1734725	47,88403389	0,106896128	28,96459391	25,69536789	25,86822184	25,80663868	244,945417	27,21606019
ENSG00000074706	IPCEF1	0,481471018	26,01047015	39,23344328	94,96382402	1,822286325	31,34562583	18,28603493	19,88690495	12,85178924	244,8818514	27,2090946
ENSG00000163110	PDLM5	36,12210305	9,69566655	62,31366331	20,35499094	0,30328105	22,39568398	27,20975189	36,02302905	13,49011924	244,7874826	27,19860918
ENSG00000134774	MYO7A	49,29489399	17,35734737	35,11325756	22,38419064	0,03528829	36,28324762	36,5363682	25,64809383	22,12204904	244,775161	27,19724011
ENSG00000009937	KCNK6	8,501194556	27,38804476	11,31209547	28,27849539	52,05108347	23,6707697	32,60845366	22,39326349	38,65776396	244,7575545	27,19528383
ENSG00000103043	VAC14	31,82909059	18,2109733	48,23920509	28,09583835	22,08956217	10,65586366	21,27309677	4,033098649	40,15632409	244,5830167	27,17589074
ENSG00000114796	KLHL24	19,35612859	29,79011122	0,096409283	15,29410776	57,83245509	31,01472862	20,9600728	31,09522982	38,84514593	244,2843891	27,1427099
ENSG00000163904	SEN2P	18,44731974	6,078690793	70,96281603	33,36087819	69,12330053	18,22166289	13,19717516	7,537369746	7,327094655	244,2563077	27,13958975
ENSG00000009621	PABPC4	20,38727268	54,40333119	13,60799069	48,31176839	9,690137165	30,57921275	23,07011265	17,6861911	26,55341788	244,1093886	27,1232654
ENSG00000186501	TMEM222	0,641443441	27,37732217	55,33518056	22,85221404	0,841390807	25,22698896	28,45227591	37,20710948	19,51471525	244,0886406	27,12096007
ENSG00000111220	RAD51AP1	0	81,13444412	0	74,7552505	0	26,78696958	14,96303151	19,63489221	26,59101291	244,0830787	27,12034208
ENSG00000159400	RCAN1	10,22014342	6,776707642	2,474837182	75,9456205	51,77398227	30,327996	32,32248357	17,8408095	16,54578425	244,0453115	27,11614572
ENSG00000198680	TUSC1	37,26215826	37,76463841	0	19,07419405	0	49,56295493	34,79172461	33,01125065	32,42351607	243,890437	27,09893744
ENSG00000103055	USOB1	46,54900338	34,77897448	32,62440363	4,577806572	0,043450398	33,86462709	24,03140776	17,19113931	50,14370776	243,8047682	27,08941869
ENSG00000164603	BLMT	0,663898041	0,589035392	71,58140211	0,827960622	0	3,928075651	52,46050249	96,78337345	16,51126258	243,3458743	27,03840348
ENSG000000071794	HF2	12,31661524	26,61834596	23,58031716	29,19491582	34,934077	39,24677487	11,2056837	20,95385206	45,25844903	243,3002027	27,03433586
ENSG000000064313	TA2F	16,02337035	18,1199237	59,0377593	60,93547369	0,275143689	28,14327435	20,91813074	23,13953377	16,68802667	243,2806362	27,03118181
ENSG00000096717	SIRT1	0,794621756	7,285190186	1,827213622	40,9623295	0,07684825	37,95149914	35,76619236	41,63012189	76,92026305	243,246198	27,02737998
ENSG00000145824	CXCL14	16,60304385	3,258434431	2,955737761	5,152640005	209,282487	0,504032132	1,016468512	3,17864941	1,223293564	243,1807542	27,0200038
ENSG00000167842	CMMD2	7,462922947	4,217964046	15,04897369	38,807081	0,073364156	27,2015456	18,45528887	73,30899588	49,25879543	243,0959021	27,01065579
ENSG00000128335	APOL2	17,95460687	1,961823237	3,660844148	33,60055226	107,724753	26,51073306	16,59718761	0,676921893	34,37372024	243,0606453	27,00673836
ENSG00000167842	MIG12	30,02094667	39,49509979	8,364938043	49,59577919	0	38,15365179	37,71661231	23,02679533	16,24758953	243,0214165	27,00237961
ENSG00000185187	SIGIRR	42,83483282	21,32250458	9,885054687	32,61687183	11,60763223	40,86069981	33,12617747	17,95840041	35,3435088	242,8559826	26,98399807
ENSG00000130449	ZSWIM6	18,51227723	25,26890903	14,20630444	23,9277088	54,66812896	33,04380641	24,94399315	23,11485014	25,12531816	242,8112963	26,97903293
ENSG00000162642	C1orf52	0	43,20065557	64,6181809	55,4677563	18,27089251	22,8490882	10,16236315	20,86955163	7,336046932	242,7744552	26,97494835
ENSG00000079150	KFBP7	0	42,74601365	28,42978285	40,58219498	0,94789814	9,426737313	7,903001431	97,62839495	8,05530514	242,7744552	26,97494839
ENSG00000271601	LX1L	39,86956452	25,39656127	20,4776119	35,63256356	3,4193101	22,94729099	24,8677105	46,28236613	23,84199935	242,7349781	26,97055312
ENSG00000147586	MRPS28	12,22523624	40,28770832	31,82160737	22,11556747	13,46330075	32,14117942	31,90274815	32,08807162	22,80890714	242,5925509	26,95472787
ENSG00000164190	NIPBL	1,858856768	29,06531625	26,9564534	42,3740557	35,22616359	16,57913024	24,51477211	45,02926592	20,66458472	242,2684721	26,91871912
ENSG00000068796	KIF2A	54,15797788	17,97348974	1,048102594	42,41423131	4,21522491	27,732853	33,77238723	31,28538427	29,39131217	241,9882607	26,88758452
ENSG00000073050	XRCC1	32,45884764	26,9769922	62,20196491	9,127820736	0	37,60447879	25,1375947	7,164669721	41,26340824	241,9357579	26,88175299
ENSG00000177951	BET1L	20,78356349	23,9858149	24,29091868	40,81352223	36,48738215	29,29005521	28,99960621	1,537699642	25,70542455	241,8935678	26,87706422
ENSG00000120526	NUDDC1	18,29118844	43,89764767	0,133259875	7,818042144	0						

ENSG00000162882	HAAO	26,10897974	15,14815408	32,83550692	14,16668241	88,65961335	13,26797715	15,18899837	13,93982952	17,58928934	236,9050309	26,32278121
ENSG00000120837	NYFB	31,06110322	31,03419352	33,81835864	41,06570023	0	18,01682523	34,19124173	17,80663928	29,43802843	236,4320903	26,27023225
ENSG00000196116	TDRO7	0,1810141	11,11369574	0	45,57297472	0	43,00796454	38,5669468	38,39500844	59,57418467	236,411789	26,26797656
ENSG00000198570	GALNT10	5,226099195	26,26238339	22,24688292	32,39312804	45,81348983	32,78377821	30,99700561	11,93165978	28,71980366	236,3742306	26,2638034
ENSG00000164704	IPQ9	9,20322276	6,802661629	0,42033281	4,20338211	38,22386963	100,5191239	30,57861268	19,20421244	33,72631044	236,3293446	26,25881606
ENSG00000139410	SDSL	44,10125193	35,82987652	19,71204754	3,902066673	0	47,78032527	46,90762533	18,80910708	19,27469492	236,3172653	26,25747392
ENSG00000127445	PIN1	17,72325293	36,73017332	18,49145516	2,3729061326	0	37,82903666	35,36231677	25,16219464	37,00663971	236,2257076	26,24730005
ENSG000000071781	SNX13	20,3073878	4,148377879	26,51460805	37,33318646	39,67835436	24,52582347	19,41864009	34,13430543	20,09243373	236,0763413	26,23074059
ENSG00000175809	MTNL	24,97634493	23,14048465	17,75494538	40,1925949	31,16671016	24,75311383	31,3217016	7,088796183	31,80503623	236,0283925	26,22515472
ENSG00000187912	CLEC17A	22,89940279	18,21161037	0,12420916	41,50708264	0,180463602	50,26245353	54,8862623	0,14764726	47,8318127	236,0209444	26,22454937
ENSG00000189180	ZNF33A	16,9128141	5,916731625	36,91374703	3,676806049	0,1396065	14,75397791	17,77899427	22,57654761	14,03174593	235,9572295	26,21746994
ENSG000000068745	IPK2	26,11654955	31,8966924	24,46659833	39,15880487	0,191563412	23,65936745	26,01323028	23,14922112	41,20743479	235,8594622	26,20660691
ENSG00000136738	STAM	65,31050088	26,87912543	12,38458552	35,63373503	0,34781136	19,04155287	28,2839901	27,04282901	20,92460844	235,8487409	26,20541565
ENSG000000090316	MAEA	16,09425282	16,65478261	41,15498054	28,11009094	52,94798914	17,75501641	23,1240506	21,66784049	18,16644551	235,6754491	26,18616101
ENSG00000165886	UBTD1	39,2685636	4,884189437	90,63467708	0	0	30,22050577	36,79548898	5,416960123	28,43535344	235,6559185	26,18399094
ENSG00000198918	RPL39	18,03669405	21,79913817	16,98186695	62,53610763	15,18824192	19,95916712	21,63891534	44,25462958	15,19609732	235,590858	26,176762
ENSG00000119865	CNRP19	40,58660593	53,43190363	20,29223383	27,50554693	0	23,28733574	40,95113993	18,53339318	10,99993508	235,5900942	26,17667714
ENSG00000101514	MADD	18,9655868	32,24370692	42,43133952	21,73938289	9,271980534	10,76852058	23,69628551	22,2764877	54,18116995	235,5744604	26,17494004
ENSG00000149308	NPAT	26,26875657	13,74539336	88,52640204	0,346527191	0,047691573	21,30617897	16,29614671	31,02486577	37,93440966	235,4953718	26,16615243
ENSG00000138018	EMILIN1	9,620986308	1,693671047	0,070232466	49,197188245	108,6970227	24,22847735	22,8601551	1,5862195	16,71585698	235,4403643	26,16004048
ENSG00000102622	ICAM2	38,53482638	27,20128129	13,88614741	28,08088379	42,63344243	15,70599662	15,01155992	44,22096895	10,20064168	235,3945955	26,15495505
ENSG00000128783	CYREN	25,67260964	20,61080211	29,04659557	36,28864522	20,71961765	33,42532197	26,52774356	5,837408259	37,19724605	235,32599	26,14732323
ENSG00000154845	PPPAR4	25,3864272	16,48886976	43,14486447	16,39869291	0,044166467	24,05713565	11,77393943	53,48073925	44,43311269	235,2079421	26,13421579
ENSG00000169814	BTD	15,96493529	35,21659487	69,92341873	19,97224891	0,06149273	18,21039035	20,131132	34,34482577	21,32143231	235,1464531	26,12738367
ENSG00000075914	EXOSC7	20,36870867	25,42778055	3,765817552	54,79104231	49,78509167	11,16309593	20,76535411	29,46977967	15,95395786	235,0906283	26,12118092
ENSG00000180596	HIST1H2BC	19,93065081	17,04019905	46,99636544	108,2535986	0	23,67309188	14,44262814	0	4,67585869	235,0163926	26,11293251
ENSG000000024048	UBR2	6,102542277	25,17622852	50,12446581	21,28221399	25,59321852	14,0498917	27,46437697	58,27460303	6,790546006	234,9030128	26,10033475
ENSG00000198960	ARMCX6	28,95931788	23,80851025	7,036057146	47,70040558	12,98536714	35,26183008	24,34799934	28,27744591	26,50683624	234,8834096	26,09815662
ENSG00000105520	PLPFR2	13,38895982	14,58273022	110,2408092	0	53,32451133	12,62766855	7,360312785	3,83639279	19,36256159	234,7689463	26,08543847
ENSG00000123064	DDX54	8,474605464	16,83830095	67,57375629	29,9889722	0,070915786	16,3393148	37,04149809	24,14312598	35,48846505	234,7560313	26,08400348
ENSG00000124459	ZNF45	3,570081633	0,060913676	36,62618296	93,65860597	0	4,522778102	9,94755609	55,62290198	30,56630671	234,573528	26,06372534
ENSG00000166822	TMEM170A	10,1427411	27,478299	0,34922123	20,69871837	0,58005346	32,24715624	42,01860006	73,00160671	27,91700272	234,4333989	26,04815543
ENSG000000023191	RNH1	37,70591945	19,96337918	27,63214165	18,78986955	22,40223345	24,45684796	31,81848669	15,81819939	35,81338597	234,4004597	26,04449552
ENSG00000110075	PP6R3	3,602636122	5,35961132	54,39104887	12,7236716	4,62680365	26,56834898	21,99696609	10,74260394	30,3473686	234,3734686	26,04149651
ENSG00000078070	MCCC1	0,105156973	11,50690559	48,94152056	1,331609706	19,07629719	15,77901565	63,09897466	29,81652674	44,70490457	234,3609116	26,04010129
ENSG00000164611	PTTG1	45,06538031	17,37831697	0	69,75881853	0	44,43883295	29,54111614	21,58281479	6,589656346	234,352245	26,03913834
ENSG00000132612	VPSA4	25,34483144	32,26585378	13,02725622	30,67113427	32,3939714	23,88106786	26,72544598	15,31083355	34,67432472	234,1947192	26,02183547
ENSG00000162604	TM2D1	27,36755984	30,91702539	74,43375747	13,67117615	1,106779953	28,03275154	14,85354003	17,79170895	26,10042698	234,1847263	26,02052514
ENSG00000153561	RNMD5A	10,71289418	35,73355101	36,71199931	29,89473385	48,55527711	21,78723996	48,95816617	12,84968405	11,00736207	234,1484536	26,01609485
ENSG00000100601	ALKB1	43,52324129	40,21659081	0	18,97208983	0,126138933	29,19606566	39,97245912	29,36422395	32,76956592	234,1407355	26,01559728
ENSG00000174484	DENN4A	55,40578676	14,28677135	41,26655522	43,25581194	2,264979322	17,3672749	23,25624435	9,269462593	27,72914787	234,1020345	26,01133714
ENSG00000169045	HNRRNP1	9,34080198	11,87970886	25,77473703	60,25175732	23,03201116	23,03148624	35,09992832	17,98567899	27,70054177	234,0966328	26,01073698
ENSG00000137727	ARRHGAP20	15,54262294	13,32242358	43,73655243	3,18615334	102,0145833	19,69989795	8,06532099	2,086955163	26,42281082	234,0581035	26,00645595
ENSG00000108239	TBC1D12	41,9642417	14,95489265	24,33982661	38,11663912	0	53,84123035	37,90759489	7,782232987	15,09113350	233,9977933	26,99975481
ENSG00000102081	FMR1	28,10768435	0,120256531	103,3815437	30,19227422	0,040264328	26,5148519	23,69010417	5,853645214	16,9614384	233,9620628	26,99578476
ENSG00000032827	TMEM250	21,32751892	13,53298827	23,24657518	27,86981536	57,64005155	32,81212697	30,33672346	9,501932986	17,55944254	233,8271752	26,98079725
ENSG00000162972	MAIP1	40,75519086	35,82931898	0	43,70339476	0	19,61504355	9,734767138	67,95883347	16,13568943	233,722382	26,97024869
ENSG00000059378	PARP12	31,7849124	12,67114941	0,044229133	31,46996193	0	37,03620352	29,48602711	52,36480974	38,82521619	233,6825094	26,96472327
ENSG00000160908	ENSG00000159394	3,246481892	20,33407572	19,62744167	10,90890165	87,49606362	19,61789627	11,30704653	38,02817982	23,05006222	233,6701539	26,96335043
ENSG00000143751	SDE2	12,84837869	50,84408128	20,77704276	3,376768674	0,18014424	17,35257349	56,48839878	28,2613964	43,53665709	233,6264408	26,95849348
ENSG00000166471	TMEM41B	36,62964805	16,86933474	0	31,16824956	5,87616362	32,65467639	54,81628109	15,37084594	37,23012379	233,6153297	26,95725885
ENSG000000275714	HIST1H3A	0,367665622	17,61516789	23,6722712	0	74,27005134	51,67044725	32,05446438	11,2556787	22,60906597	233,5148123	26,94609026
ENSG00000163521	GLB1L	76,9475003	0,078427025	24,63526469	12,74528832	0	30,03762708	37,8355988	51,22267353	0	233,5023797	26,94470886
ENSG00000174282	ZBTB8A	33,42333983	20,81467581	12,37582632	28,85093163	22,25451176	35,68754903	41,65975143	3,664310273	34,9144151	233,4653113	26,94059014
ENSG00000161981	SNRNP25	5,037019022	28,82964641	0	46,21789419	60,79179312	32,96523877	21,03473216	6,047168556	32,49277432	233,4162665	26,93514072
ENSG00000120885	CLU	58,19595652	50,37794832	0	7,217518191	11,1141887	0,025077173	2,427479216	0,049944765	3,960755869	233,3898077	26,93220085
ENSG00000077586	SART3	20,08343973	7,829732358	17,39878058	40,28313933	24,78132052	30,79578525	17,05358185	4,77812251	26,63863935	233,3263345	26,92514828
ENSG00000198160	MIER1	13,49821246	25,11906806	90,08396535	17,00035674	3,168811869	26,53205524	21,42990198	8,467560536	37,85653733	233,1555696	26,9061744
ENSG00000128284	APOL3	18,18141001	25,85541401	0,188429147	41,34455198	58,54409682	21,56471993	20,43331453	18,98276875	28,02972459	233,1248306	26,90275895
ENSG00000169112	FAM110B	17,27239984	18,2269294	30,0402693	1,425297252	41,12088387	23,93166927	33,53152105	32,82285508	27,60726967	233,0076524	26,88973915
ENSG00000130414	NDUF10A	22,3311393	22,13730466	15,07501117	1,958391458	16,70314115	38,02263534	35,7046653	45,89757101	35,18510797	232,9849682	26,88721869
ENSG00000110011	DNAJC4	11,843365	10,68983267	38,12694624	6,228230601							

ENSG00000119899	SLC17A5	23,84569598	55,09340135	0,565492791	25,78258976	0,52182148	52,69987223	28,76957046	6,145833281	35,59222847	229,0165058	25,44627842
ENSG00000170430	MGMT	54,29059288	19,6782623	48,72211326	15,59133447	27,84027523	22,21630826	11,30328715	13,06145525	16,28684093	228,9904067	25,44337852
ENSG00000006650	PHF2	26,05899702	10,8236824	0,032151295	58,45836755	0	16,23413693	29,83657213	51,55635341	35,96128056	228,961155	25,44016833
ENSG00000105127	AKAP8	15,79344655	5,679916669	16,5649221	38,56629909	26,16475576	32,17027709	26,16885882	38,61223298	29,15748511	228,8811941	25,43124379
ENSG00000149136	SSRP1	14,09284318	24,4996399	28,24983174	28,24964539	41,49241139	19,81920571	25,00694797	18,14600434	14,69293162	228,8544693	25,42827436
ENSG00000103707	MTFMT	0,660448298	18,67305886	104,3235337	17,33484097	0	10,97368908	28,44328986	17,18188665	35,41480931	228,6265567	25,40295074
ENSG00000008758	CASS4	3,21955842	38,56293511	73,21038314	16,21513454	14,98647898	21,04566992	18,14356941	26,20530601	18,95495206	228,522966	25,39136629
ENSG000000084072	PIIE	32,63592425	23,78759411	26,03803182	9,343533693	20,73457747	31,20459118	15,37481828	32,7118349	36,681134	228,5095375	25,38994961
ENSG00000132254	ARFIP2	39,85427513	16,80935354	36,94539719	17,97857694	40,76579029	16,58481104	35,0523292	10,26387493	14,2937021	228,4937785	25,38819761
ENSG00000168569	TMEM223	26,1792436	36,6931158	12,3140307	50,12698196	0	29,03435092	39,07190163	15,07245396	19,97034998	228,4624286	25,38471428
ENSG00000177058	SLC38A9	24,645598	9,634026298	53,1824422	14,28443758	50,43031112	16,8110683	16,78057257	29,43687749	12,70151342	228,442649	25,38251655
ENSG00000164244	PRRC1	40,82852908	16,56658429	0,889389108	29,231988076	32,88477054	17,18777929	14,17493601	64,16205195	12,50732332	228,4212443	25,38013826
ENSG00000104412	EMC2	53,02212795	5,708915334	0,045878874	11,5416031	78,35507361	18,1057103	21,18437855	17,06981674	22,97393055	228,4122957	25,37914397
ENSG000000070540	WIPI1	17,49561118	3,07303497	0,245060328	18,47937963	67,01135451	36,12686963	35,69064983	16,11875939	34,07823388	228,3189533	25,36877259
ENSG00000142039	CDCD37	45,75160695	58,06941433	1,161881291	25,76630627	0,28144008	16,9464565	19,92841219	29,95318572	30,3918294	228,2505327	25,3611703
ENSG00000034693	PEX3	20,1863734	50,97540496	48,13082986	20,1924945	0,126896658	33,82699744	15,51753223	13,54431443	25,74269849	228,240842	25,36009355
ENSG000000082815	MRPL22	13,26236391	37,79661171	31,31500735	14,22650792	15,62270464	18,59560035	21,59500775	51,97565006	23,72508795	228,1145416	25,34606018
ENSG00000109501	WFS1	38,60635674	25,37040417	6,097945889	19,42702226	39,15041676	28,27060348	39,03397876	7,8343671	24,29635456	228,0874497	25,34304997
ENSG000000076944	STXBP2	27,86382789	18,52472068	43,42863853	10,28868853	37,12547158	24,40831546	21,701628	16,58742113	27,95703151	227,8857385	25,32063762
ENSG00000111111	RSRC2	32,27839291	29,28251688	1,907239101	16,02310822	0,246392825	23,52534192	30,96226146	51,31276646	42,26972359	227,8077434	25,31197148
ENSG000000067926	PKD3	23,22119651	36,2402172	3,855422988	55,88301227	0,026493364	21,73789629	15,88396088	30,39851757	40,48727586	227,7339749	25,30377499
ENSG00000179295	PTPN11	5,787945822	4,085318811	4,63102258	54,72835221	28,22623998	36,85326779	27,90611684	30,5366734	34,56009655	227,7134034	25,25711489
ENSG000000074496	JMJD6	50,91026262	3,773484337	0	9,267584958	3,248843573	41,27612773	39,64433677	17,16111843	61,99035447	227,2721229	25,25245699
ENSG00000100441	KHNYN	57,72107416	4,544779663	29,58561871	5,333167477	42,33863348	22,00010638	18,30733501	17,62253732	29,60018139	227,1221169	25,23580772
ENSG00000105698	USF2	11,13254204	19,91634421	38,10475994	23,42532179	2,891445591	28,78722164	23,5635708	37,38007789	41,78554054	226,9868244	25,22075827
ENSG00000114251	WNT5A	8,31445211	22,14881196	45,77257815	13,29897050	15,2929601	28,68725532	35,50215018	4,288457277	53,36460907	226,6702447	25,18558275
ENSG00000166200	COPS2	51,96626335	39,59119666	25,2406374	30,01568607	1,577803075	24,98267371	22,68522312	14,3858479	16,20682627	226,6521575	25,18357306
ENSG00000167925	GHDC	39,17820717	10,6857552	35,66812744	27,20372092	0,08935495	23,28379802	33,71683468	23,10328775	32,69380688	226,6017988	25,17797765
ENSG00000121680	PEX16	37,74010278	15,01026764	36,55452113	9,075247543	10,22192189	31,37957579	26,72322739	7,333261353	42,47568744	226,5138129	25,16820144
ENSG00000101391	CDKSRAP1	21,93700643	10,6857552	35,66812744	37,19480369	1,33676335	27,25586248	35,19323304	22,57402782	44,6060323	226,4861827	25,16513141
ENSG00000159363	ATP13A2	56,35362801	35,62975748	41,64674241	6,656251018	0	13,29684995	27,82656326	16,16632093	28,9047418	226,4808549	25,16453943
ENSG00000171206	TRIM8	15,09205343	19,7832706	20,91968625	17,36467291	0,075270916	33,7141698	43,9778435	32,3787506	43,4914362	226,3141971	25,14602189
ENSG00000000465	CRY1	50,55978943	1,233610205	49,70158608	34,86772245	1,94054564	13,18402743	19,52110561	21,62819315	23,55144134	226,1880213	25,13200237
ENSG00000006602	IFRD1	18,79263061	16,88913697	82,70112835	16,47106254	21,51651647	17,18194958	18,83322	19,57277926	16,8036542	226,1726357	25,12529285
ENSG00000118961	LDHA	0,034087654	15,4848527	62,07992285	42,43224318	0	19,83591375	21,96367643	33,09563545	39,198398	226,1267201	25,12519113
ENSG00000101193	GID3	60,06266914	25,79859905	0,363056289	32,43227481	0,2034245821	13,05857553	20,01953708	16,68716144	32,07239132	226,0677105	25,1196345
ENSG00000182473	EXOC7	24,88633953	20,3306558	0,027479251	24,14334461	35,67745453	29,11143472	31,83890295	28,74480224	31,26836506	226,0288837	25,11432041
ENSG00000141385	AFG3L2	27,447732526	11,82026933	5,287664926	26,43227173	28,22739176	11,77203669	20,60865357	28,28448064	43,01067612	225,98077	25,10897445
ENSG00000138035	PNPT1	36,04286219	4,459742205	0,05253829	42,16582939	0,067873283	54,93769238	27,95870751	41,79051893	32,45552572	225,9266909	25,10295656
ENSG000000006174	ZNF263	7,95318749	4,774041545	26,65622064	13,48890779	78,23972694	26,09276132	27,21822445	26,16434886	15,15100494	225,7384244	25,0820477
ENSG000001250981	NCAPH2	38,12500381	21,70873784	0,062341354	20,36451473	35,44539648	28,30750258	27,19656589	27,19656589	27,19656589	225,7211147	25,08012744
ENSG00000145022	TCTA	42,46718622	62,0816571	0,202388132	31,15641488	0	42,09671349	20,05150191	0,240578498	27,40001151	225,6964553	25,07738393
ENSG00000103343	ZNF174	0	31,36055226	0,096186885	27,303800801	11,83241068	20,26520193	12,02604912	33,27231319	12,41120374	225,6393238	25,07702586
ENSG00000173852	DPY19L1	70,45247536	7,132799301	0,30949139	40,19180001	16,53153389	17,41558937	18,72661693	44,73867193	10,18337108	225,6282807	25,07586745
ENSG00000090376	IRAK3	11,7365967	15,43880368	46,12624593	19,48404898	1,435895811	42,92048906	34,61697364	16,18481988	37,39594655	225,6398202	25,07109114
ENSG00000197323	TRIM33	19,02256143	25,85375803	22,43175518	31,73386613	45,20752902	15,58218869	20,60253161	17,20298562	27,88471872	225,5218746	25,05798607
ENSG00000120685	PROSER1	13,73170147	10,24420249	49,11778253	55,07796503	0,14698585	25,4986004	24,70373708	8,521235265	40,496233	225,4897165	25,05219072
ENSG00000175335	TNFRSF10C	39,23374024	7,894973236	68,75096666	17,87991261	45,94705173	11,72387373	14,57551501	6,01433367	13,43109235	225,4514592	25,05016214
ENSG00000155287	SLC2A5	47,31434918	31,50302187	3,038033869	16,87895173	0,196239094	28,46771644	21,80304131	36,11306749	38,2864147	225,4014357	25,04460396
ENSG00000156384	SFR1	43,03148701	44,0984084	0,153410651	0	0	19,22804697	30,8136301	30,81867655	57,23088697	225,3745424	25,04161582
ENSG00000185298	CDC137	18,69530349	15,71363751	31,30039624	37,68211228	0,300642564	22,98719167	36,76401524	25,58827752	36,25135177	225,2741763	25,0274617
ENSG000000055147	FAM114A2	35,70303449	34,89997824	54,12152778	18,88108355	0,330324276	21,51775991	17,75396542	13,22143525	29,43116013	225,230269	25,02558545
ENSG00000168028	RPS1A	21,22274323	23,04827629	27,16510567	46,32735483	29,94942922	17,9959285	19,51546735	17,75166518	15,87944191	225,9954121	24,99949024
ENSG00000089280	FU2	11,94718409	12,72520627	44,28001577	58,76936703	13,62013435	25,23428396	27,405073	13,49630637	17,44061986	224,9181907	24,99091008
ENSG00000170222	ADPRM	59,29128136	21,1865284	73,09847047	16,26816817	0	4,922082134	9,7588036	22,02897117	13,30752876	224,8618341	24,98464823
ENSG00000161202	DVL3	23,19395346	8,884730216	5,543887024	48,26969222	40,7165304	24,85532195	22,89518307	13,18002201	40,30371345	224,8430338	24,98255931
ENSG00000115548	KDMA3	17,89601841	45,50691738	33,56914347	50,64088979	0,027003349	28,08216469	7,009884704	7,180659449	34,78264349	224,6951438	24,96612709
ENSG00000129245	FXR2	3,489045732	11,45376819	33,37558335	27,11169212	43,94650137	16,47230385	30,85336033	35,40097883	22,57106228	224,6742296	24,96381067
ENSG00000121039	RDH10	0,170077399	0,100597261	0	0	216,8447512	2,769844556	2,212382519	0	2,510026187	224,6076756	24,9564084
ENSG00000151718	WWC2	13,17420692	1,447677265	158,0000863	17,00955843	0	2,637450679	5,25615568	24,94282128	2,136807645	224,6047642	24,95608491
ENSG000000667596	DHX8	16,9364276	30,25876771	5,432315374	47,37853569	65,77571999	17,16480725	39,05097315	17,31465738	25,19138126	224,5989033	24,9554337

ENSG00000166548	TK2	40,28069473	12,86662687	40,94671286	10,95570196	31,05773138	38,87986733	17,65930604	5,116227786	22,34617132	220,1090403	24,45656003
ENSG000000117008	GALE	18,87449353	31,59397523	33,03429748	21,64011926	0	29,28080469	19,98642457	30,07748276	35,61862551	220,106223	24,456247
ENSG000000130028	TELO2	25,59504358	12,20839963	10,09882879	22,16008277	0,169435028	28,76722668	50,61435898	17,22718552	53,09274321	219,9330402	24,43703038
ENSG000000151576	QTRT2	14,89716825	6,026037002	24,43629378	1,619092004	98,94236733	26,16171249	14,73738938	5,989998368	27,06704378	219,8779196	24,43087995
ENSG000000183337	BCOR	27,89107794	10,16830618	70,99164045	17,80490288	18,74607021	19,12709715	25,02357745	14,58027059	15,53071359	219,86396514	24,42295166
ENSG000000198839	ZNF277	4,818672906	34,26926907	83,86494765	29,122874	0,178932507	16,28519363	18,28603493	18,19283493	14,81586625	219,8345393	24,42605992
ENSG000000004864	SLC25A13	46,39216711	23,27270189	6,144034533	32,42345641	0	29,96228744	37,30290464	27,43320372	16,78128975	219,7111455	24,4123495
ENSG000000198789	MYO1C	38,08523265	14,45571848	24,82822498	8,466061969	0,265816094	34,11953261	52,05486387	13,1668351	34,23005894	219,6723447	24,4080383
ENSG000000121940	CLCC1	35,95116518	40,83709752	8,399882121	6,278379684	0	41,07577107	25,04568595	39,14091976	22,46331857	219,64593034	24,40510038
ENSG000000137710	RDX	11,05687102	25,4684592	16,46106355	12,51435326	40,34176895	30,52458898	23,6286765	27,08416542	32,47083937	219,5507863	24,39453181
ENSG000000099917	MED15	28,41880888	11,32120648	34,16470274	10,36294675	47,21769113	24,6610863	18,83143502	10,38381232	34,12739781	219,4890874	24,38767638
ENSG000000167900	TK1	3,849429171	51,15771492	35,55734599	9,899971936	0	52,96549034	44,8156904	0	21,1532627	219,3989055	24,37765616
ENSG000000075588	TMEM131	25,14261144	14,84423586	36,76703502	50,97855507	14,48365491	10,39326339	14,45958511	29,66867647	22,5432601	219,2808774	24,36454193
ENSG000000131269	ABCB7	19,46894932	5,024101605	2,094113166	39,91896849	61,59868217	13,81252821	4,944166067	65,55076315	6,784816054	219,1970882	24,35523203
ENSG000000176102	CSTF3	25,81569909	18,597041	20,69605878	4,336388898	87,53141959	8,345158633	17,23722709	18,08494088	18,4075771	219,051511	24,33905678
ENSG000000068323	TFE3	0,071837685	34,1630882	0	33,30688884	34,48621039	29,53815592	30,36101687	24,97698894	32,11562199	219,0198088	24,33553431
ENSG000000052749	RPR12	9,779931411	8,394174466	61,69730653	28,88059749	39,03787493	18,46044522	29,3926279	3,525565206	19,80706868	219,0115918	24,33462131
ENSG000000183751	TBL3	54,35662494	17,69083654	0	16,63053837	29,88035021	18,70822444	27,29449861	22,35605773	32,07212711	218,9892579	24,33213977
ENSG000000107681	GBF1	19,45483179	9,928665262	38,09093361	8,958466226	0	43,34510625	29,28459789	26,37107676	52,47134908	218,9050269	24,32278076
ENSG000000159873	CDC117	14,77572154	20,14474111	0,706837977	53,80351302	0	30,5665117	37,73391168	22,30395137	37,75024574	218,7854342	24,30949269
ENSG000000120158	RCL1	0	17,61705894	0,067144951	54,8971891	47,27513541	23,04313565	22,85135998	25,62065125	27,33892727	218,7099681	24,30110756
ENSG000000117859	OSPLP9	24,19710783	9,161670596	27,70871424	8,610625561	39,32709385	24,40288926	37,52018494	9,778264239	37,93635328	218,6429038	24,29365598
ENSG000000113300	CNOT6	53,85554256	6,828833059	5,837624075	73,75877587	0	25,16607025	10,48271545	1,248053209	39,64576061	218,6233751	24,29148612
ENSG000000138434	ITPRD12	19,27160674	23,85660703	18,94340375	39,955624701	2,447264615	13,98296817	34,13673979	24,87215278	22,68157203	218,6065169	24,28961299
ENSG000000198162	MAN1A2	0,031263178	17,80771326	38,30241976	11,39076852	75,114893	12,52867704	23,29773931	17,70612454	22,3584882	218,5380686	24,28200965
ENSG000000174443	ZNF524	31,24979185	7,815380988	26,04254918	15,75388119	0	39,83696012	37,26669125	11,46546036	49,00879838	218,4395133	24,27105704
ENSG000000124155	PIGT	34,25418981	18,86940346	13,45133436	18,28257569	8,214083377	27,2592099	37,30337098	27,00238719	33,76878497	218,4323397	24,27025997
ENSG000000162174	ASRGL1	32,4891022	9,004332319	18,79063033	16,50046721	0	39,14418753	48,64506112	19,52633402	34,2834196	218,3480567	24,26489519
ENSG000000120306	CYSTM1	20,0178785	15,73908347	2,694475919	24,3089664	4,83244886	22,78255092	24,45894463	48,57761816	13,81088857	218,2228554	24,24698394
ENSG000000121644	DES12	1,102103028	37,59203081	34,80382925	49,21605781	4,001512324	18,923755	33,55365442	16,73594852	22,13892391	218,0678205	24,22975783
ENSG000000205675	C5orf51	8,020213182	14,71247123	60,46079614	15,25278855	32,32508629	18,5336721	10,34899636	41,94865936	16,42808159	218,0312893	24,22568981
ENSG000000153201	RANBP2	3,612204876	9,244020493	34,73903686	55,14052522	34,51312587	21,90737268	18,31199658	9,080972747	31,46048129	218,0094664	24,22327405
ENSG000000137038	DMAC1	17,11626332	31,257022	20,88926697	30,90871077	15,27039403	24,5989317	22,62881354	39,36828292	17,37201729	217,9407694	24,21564104
ENSG000000164494	PDS52	8,517071185	19,28488754	0,14179041	34,07261081	0	24,66867284	40,03146782	28,34384056	24,78334162	217,9334555	24,21503838
ENSG000000185339	TCN2	16,95441391	8,846452918	16,65031342	0	101,5697597	30,02545671	20,73756929	4,021945409	19,28708303	217,9340219	24,21489132
ENSG000000196199	MPHOSPH8	36,72334708	24,14315829	34,81613534	34,81613534	12,87526736	19,83987098	19,16943349	28,74222048	24,83506185	217,8507567	24,21167507
ENSG000000180543	TSPVL5	32,70529385	52,72086085	0	36,83651167	0	23,64345782	40,65004076	0,073577058	31,24340332	217,8731435	24,20812726
ENSG000000101189	MRGPB	34,09871526	11,98454434	0	35,36654997	46,7165989	19,95508753	21,38284364	22,21307958	26,13466719	217,8520864	24,20587838
ENSG000000125733	TRIP10	62,51413222	33,23184848	2,650086242	17,93682465	19,64064833	22,89328292	14,60567839	18,98382237	25,36390068	217,8197706	24,20219673
ENSG000000108578	BLMH	29,22435338	35,04336747	0,108607189	83,5970616	0,210461541	20,0622479	14,70642688	8,19792734	26,64804596	217,7984993	24,19983325
ENSG000000145945	FAM50B	19,26279278	27,94292917	26,82764816	30,00484308	0	21,80344334	31,367583	13,79835741	42,55007645	217,6673517	24,18479463
ENSG000000102445	RUBCNL	2,4500441686	14,75769239	10,65476546	54,49501927	0,235294049	50,76510357	27,21092868	6,216500945	56,8650784	217,65082424	24,18344294
ENSG000000187049	TMEM1216	3,80101925	6,011643826	33,39524032	13,75656594	0	33,89797316	39,22274761	25,71910339	34,90518439	217,6386511	24,17909614
ENSG000000137513	NARS2	30,0203772	32,81458043	0,088359853	29,52728892	0	34,17357079	20,65913286	39,91263053	30,06862042	217,264561	24,14505678
ENSG000000108151	PRDM4	0,094988263	44,95255659	0,757280236	64,19481563	5,343115152	32,00898037	24,6365677	1,938844906	43,07339766	217,0124565	24,11249517
ENSG000000227050	WDR46	34,00654112	14,94406914	20,68917139	22,0897333	0	27,73954816	36,15846957	26,80774269	34,48157697	216,9168503	24,10187226
ENSG000000149823	VPSS1	35,33138548	24,39652624	14,35471003	18,01948493	0	28,38838761	44,71166134	13,1361283	38,5783669	216,9166706	24,10185229
ENSG000000170899	GSTA4	0	15,05985531	59,40650378	29,55855495	98,28300183	8,212613031	6,389969312	0	0	216,9104982	24,10116647
ENSG000000175221	MED16	19,14830775	15,94117528	0	20,39520171	65,32502902	29,6296956	18,9894366	6,652519716	40,62916629	216,711039	24,07900434
ENSG000000118518	RNF146	17,73345599	19,95013171	1,030142898	20,82719296	0	31,82948065	23,92806503	53,31412919	47,99799097	216,7105921	24,07895468
ENSG000000152520	PAN3	6,090098566	24,73728149	24,9446827	33,06874285	50,71291491	20,63434439	7,920907294	26,10127677	22,5871403	216,7063952	24,07848836
ENSG000000104856	RELB	11,47358113	17,24786075	23,87163317	37,3753014	0,952566425	31,63082944	33,36445831	32,42991777	28,34529139	216,6914403	24,07682669
ENSG000000197056	ZMYM1	4,732185018	0,051516234	10,78804863	50,83345474	112,4614014	7,458804025	8,605746114	0,063484067	21,60175715	216,5964202	24,06626891
ENSG000000173230	GOLGB1	26,97447861	8,678173454	125,8583305	8,972732376	0,030266965	10,64120934	13,9904972	5,737001341	15,710401398	216,5931038	24,06590042
ENSG000000124356	STAMPB	21,40765818	37,29034834	8,526553595	27,8436428	54,00298889	21,32643103	19,43860615	8,159938631	18,40590712	216,4018963	24,04465514
ENSG000000110931	CAMKK2	0,18959921	30,42905173	20,15191015	40,88817949	0	16,28340306	13,2414668	29,57465389	65,55021628	216,3805079	24,03427866
ENSG000000143319	ISG20L2	2,010212837	31,13545459	39,19825797	31,24078943	0,204742042	35,91260868	22,98620297	25,30694236	28,29026007	216,285417	24,031713
ENSG000000441880	PARP3	44,02230764	7,0515485	92,75497155	4,634091079	0	14,84582346	6,55633907	33,0315742	8,251382478	216,148038	24,01648686
ENSG000000108175	ZMIZ1	16,18896192	19,65779707	35,15696853	55,13504411	1,066014113	19,37140672	28,55446073	8,6949709	26,5444077	216,0445884	24,00945426
ENSG000000127526	SLC35E1	36,75158324	21,44400357	15,32894733	45,56518829	0,197046662	27,56072817	24,68099535	22,11962537	22,33214769	215,9802891	24,9978099
ENSG000000157379	DHRS1	1,740412715	32,40026592	0,056168943	41,81075696	66,83112882	15,88688825	13,23409038	22,76786978	21,51748985	215,9468713	24,99406882
ENSG000000169018												

ENSG00000130714	POMT1	17,03636564	12,55189188	0,045818378	10,92425969	93,04974066	28,74106084	18,4472616	7,243744434	24,47525487	212,515398	23,612822
ENSG00000142197	DOP1B	0,050202847	7,542421708	23,61137718	47,10121911	62,59701126	9,388738061	22,28731036	14,60059717	25,33522358	212,5141013	23,61267792
ENSG00000100697	DICER1	43,42554467	10,49095677	19,44549253	27,931546	0	28,08361071	25,62681012	28,11408473	29,22086608	212,389506	23,59321673
ENSG00000141295	SCRN2	35,67398601	10,37161454	22,70927784	27,323030078	0	36,89975147	20,79318273	29,08739212	29,3735417	212,229593	23,58106589
ENSG00000207863	HIST1H4A	9,20224629	12,89144231	98,09618557	13,38128075	13,81221317	4,254117351	44,6384835	14,82719193	12,5262828	212,2294139	23,58104599
ENSG00000163702	IL17R1C	23,13256563	23,15234891	3,000225738	20,69087904	40,49959949	25,50783756	33,49560405	22,92662472	19,81271295	212,2184006	23,57982228
ENSG000002029639	TBFBM	17,31283843	12,06671613	0,40571165	13,23920084	119,2399526	8,232974733	10,07180967	18,08508336	13,47172553	212,2610126	23,57956696
ENSG00000111358	GT2F2H3	3,026751541	13,36010466	16,00786749	44,09892535	0,089914257	37,21979888	26,29410813	36,23694055	35,73613648	212,0705474	23,56339415
ENSG00000169220	RG51A	24,31410089	20,19206964	5,026905075	29,79786206	0	18,09119379	41,78957886	22,92083235	34,48736775	211,8670859	23,54078732
ENSG00000144747	TMF1	17,55411635	39,96200456	16,37450716	39,8774345	0	24,32353974	31,75219374	29,02945575	12,8502146	211,8324664	23,53694071
ENSG00000136636	KCTD3	49,8481153	18,43910505	0,609483972	56,22298337	0	17,95683539	10,40375884	50,4510422	7,89023505	211,8215592	23,5357288
ENSG00000099256	PRTFDC1	32,64092361	19,15300001	0,239225559	0	44,65790436	27,05684534	18,78815643	55,0250334	14,23437219	211,7954609	23,53282899
ENSG00000111846	GCNT2	11,79302073	9,487828707	57,48353899	19,99005813	69,82841101	4,79150916	10,73247108	23,3110806	4,261031375	211,6789498	23,51988331
ENSG00000168018	GPATCH4	32,14973602	43,14928737	0	14,58460079	25,09606075	22,99639501	33,19859585	33,14027103	27,18377123	211,6635634	23,51817371
ENSG00000111801	BTN3A3	31,51475316	9,051806648	32,22957669	27,11731443	16,12157224	21,58186364	30,64687148	11,38825392	31,9926675	211,6446797	23,51607552
ENSG00000162896	PIGR	51,94857907	10,24238655	1,144474332	30,199702	5,50340241	28,46132949	23,64765635	0,453478363	60,02179539	211,622804	23,51364489
ENSG00000160691	SHC1	50,95022465	9,880865964	21,38308454	19,0502964	26,76798821	22,04753633	24,59126037	19,40599141	20,15976785	211,5370157	23,50411286
ENSG00000128609	NDUFA5	29,36316984	34,29395054	15,44984129	42,16159853	0,037801847	21,13176819	18,16017963	34,57389054	16,31536838	211,4875688	23,49861875
ENSG000000079462	PAFAH1B3	20,12677791	26,26620015	20,17755475	0	0	32,50397486	47,21716511	32,36815002	32,74251626	211,4023391	23,48914878
ENSG00000107537	PHYH	23,35792653	34,54005627	31,60922654	9,967607854	6,486872989	23,58219627	30,83813312	26,02771542	29,98499239	211,3947279	23,4883031
ENSG00000100234	TIMP3	13,8654603	24,64133522	3,865025918	21,31469703	145,6598852	0	1,717278061	0,143573568	0	211,2283437	23,46981596
ENSG00000157349	DDX19B	40,50110828	26,15007122	36,20749188	16,04155748	0	23,70151096	23,30718241	16,95285707	28,19343527	211,0552146	23,4505794
ENSG00000131725	WDR44	80,19432951	32,9912932	0	28,44079447	0	28,03343871	6,001793606	6,3696335	28,96941268	211,0006957	23,44452174
ENSG00000172164	SNTB1	29,58155122	31,73184693	20,1304399	0,26884675	54,81379032	28,8182513	21,73661772	7,198162495	20,51588044	210,9589609	23,43988455
ENSG00000141971	MVB12A	76,22077164	18,63913903	2,203500785	21,08163667	26,60535451	31,3611456	29,3784192	19,94669475	34,95954398	210,8964762	23,43294179
ENSG00000143637	ADAM15	34,17430737	19,6708059	32,17205884	6,120805284	0,109087953	31,29135558	26,24806786	25,00911585	21,69406324	210,8406364	23,41045149
ENSG00000172939	OXSR1	26,75734862	0,044167682	45,33030769	76,46241473	0	18,61062473	12,52429932	10,28695985	20,57138247	210,5870505	23,39861168
ENSG00000117226	GBP3	17,67189447	0,18777451	40,55498643	37,39824333	0	3,950251826	32,50981992	35,48083591	42,81758111	210,5713871	23,39682033
ENSG00000160058	BSDC1	37,39811923	31,98376911	2,127737961	17,23259484	0,057266392	47,87342087	40,61629309	1,159234649	35,59267633	210,4011125	23,37790138
ENSG00000136143	SUCL2A	4,163664917	33,81808827	0,560443748	70,72834213	8,084971552	17,87701331	25,88668812	20,35607215	28,91362225	210,3889064	23,37654516
ENSG00000156502	SUPV3L1	14,8957395	54,30486197	48,2455327	15,23796862	0	16,58718216	12,42686773	11,34636698	37,34246983	210,3788298	23,37542553
ENSG00000117385	P3H1	37,90047863	13,51410317	54,14983306	9,448576526	0,318460723	31,53359835	19,267466	8,986101156	35,40587151	210,3044951	23,36716612
ENSG00000047849	MAP4	11,70012224	3,678585961	46,023072	19,52253909	38,47602123	19,71874351	26,67598506	19,01718049	25,33422779	210,1464776	23,34960862
ENSG00000163811	WDR43	0,883902948	15,88069852	36,72074425	47,12474194	9,93023953	27,1022558	29,35693851	19,32836856	26,76950881	209,9745221	23,33050245
ENSG00000109605	NAT9	51,83812859	11,52302001	0	0,257777002	73,17164051	21,55321397	8,95552629	21,46314924	21,20505808	209,9679617	23,32977352
ENSG00000162610	QSOX1	26,79785617	19,45445947	14,25394133	15,49969502	19,93806968	25,39871263	35,31727435	19,12929741	24,24259292	209,9313099	23,3257011
ENSG00000134265	NAPG	9,922630065	24,99588156	12,78240928	45,42668282	6,489688992	24,98493748	31,74361235	20,63368475	32,91967383	209,9092011	23,32324457
ENSG00000100142	POLR2F	12,63567272	27,8549338	21,85602662	39,76577524	21,72366714	20,17063518	21,93224268	31,49690227	22,91258494	209,8984406	23,32204895
ENSG00000124198	ARFGF2	3,196442365	5,642619905	0,60406911	19,161161	107,9241891	31,03722771	20,535118339	29,88128542	20,51588044	209,8824908	23,32027676
ENSG00000198546	TNFS11	34,13025995	26,47448319	8,865245621	30,66470431	0,156888398	23,26662085	33,57022401	32,04738925	30,69025139	209,860607	23,31845188
ENSG00000105197	TMM50	19,91835664	23,1156896	30,84373178	27,06402398	0	26,11384494	22,76679411	27,33712009	31,88745347	209,8472027	23,31633563
ENSG00000164134	NAA15	37,02709347	16,78662149	9,808693476	6,002260346	0	23,67453283	22,13647724	22,94305482	17,36541904	209,7644877	23,3071653
ENSG00000177613	CSTF2T	2,760850865	10,97389915	0,067717442	4,449561077	95,18145824	27,28127632	32,32182127	11,43037968	34,22654588	209,6929708	23,29921898
ENSG00000164463	CREBRF	23,14502747	33,72157968	34,68834609	1,269447699	0,029118426	23,0380413	33,09454228	24,4885425	36,18077515	209,6482032	23,2942448
ENSG00000165424	ZCCHC24	25,07041343	19,05820195	78,31433	6,165454006	0,10938006	22,23241876	22,23241876	3,794338728	33,22498705	209,6011809	23,2892021
ENSG00000113615	SEC24A	18,69451855	24,93488905	8,425950058	35,14444453	72,45397131	11,28674339	15,79780068	3,897596051	18,96445105	209,60036447	23,28829941
ENSG00000205074	DENND1C	41,49280102	0,059241234	3,170420754	9,994926938	0	27,84812779	45,873487	9,74166698	62,38876151	209,5693462	23,2854938
ENSG00000137106	GRHPR	17,64978157	37,55323887	21,58135006	18,05528741	0,347885801	31,53926786	39,18994455	23,64166502	19,85517786	209,46795963	23,27417737
ENSG00000138182	KIF20B	35,73188213	12,44623501	51,57098659	11,73083815	14,88678763	31,5595695	23,51538553	27,1543806	21,26750452	209,4195791	23,26884212
ENSG00000184939	ZFP90	1,077053248	18,84447698	45,41200191	93,35192729	5,580015982	22,23178077	10,4633135	17,99372841	14,43853951	209,3928376	23,26587084
ENSG00000106330	MOSPD3	27,62044629	46,16595756	5,900520969	40,72494295	0	23,57573643	26,26295275	21,82115069	17,09437351	209,3662818	23,2628979
ENSG00000134779	TGPS2	23,0331719	12,05104078	16,61210916	32,61378574	55,52067974	19,46533401	17,05949048	22,6667671	10,37462845	209,1970687	23,24411874
ENSG00000166747	AP1G1	32,53418844	3,12588124	18,68390239	30,98899881	4,284553556	37,941845	28,01942205	35,02967546	18,53387449	209,1423473	23,23803859
ENSG00000125534	PPDPF	19,66015972	24,44594341	10,82353662	35,18781234	44,67654136	21,00882636	24,665108	14,43493837	13,23693197	209,0318489	23,22576098
ENSG00000117543	DPH5	39,17681462	18,77896836	72,25610654	35,23061442	0	10,16691076	20,9539679	0	12,45234724	209,0157253	23,22396948
ENSG00000162599	NF1A	15,95957696	24,35357905	27,02802545	12,56938403	12,31569488	15,06856943	7,790177953	51,77244027	18,03485189	209,0023004	23,22247782
ENSG00000094957	SUCO	64,12737365	6,419918675	35,39016698	12,59397393	0,090984936	31,36379628	20,59913229	16,74358082	20,56516524	208,8668868	23,2074314
ENSG00000070081	NUCB2	4,9728354	6,714691637	19,58951168	51,34853351	41,3034913	11,48965213	26,77627251	35,36839031	11,11990272	208,6832889	23,1870321
ENSG00000163468	LIMK1	16,81153408	9,715289858	10,22973084	16,31370031	47,80143385	39,85688002	28,25667465	6,432159101	40,53344866	208,6490214	23,1832246
ENSG00000198363	ASPH	13,598212763	12,18523821	20,70256337	25,52469124	49,60325609	20,95822286	25,13537454	22,00479611	15,10711022	208,5516649	23,17420721
ENSG00000115307	FANCL	22,49116704	44,02331345	3,918459107	57,928141	0	20,15414551	22,6803751	30,68712401	11,70857194	208,5361702	23,17088558
ENSG00000162512	SDC3	41,66502359	8,91908983	23,88307432	22,16200828	0,457474						

ENSG00000136811	ODF2	33,58800577	27,38881997	35,35082441	14,77529498	0,280867779	17,12826226	28,63463388	17,52187054	29,88428358	204,5528632	22,72809591
ENSG00000136280	CCM2	27,74785369	15,37661543	14,24495383	15,66373932	8,149812455	35,82988296	32,60758994	19,95669972	34,87456702	204,4517144	22,71685715
ENSG00000167747	C19orf48	21,99828332	31,45892016	0	3,526148305	48,30880944	16,71335048	32,60758994	17,75984316	38,9273121	204,4341233	22,71490259
ENSG00000169641	LUZP1	37,39431185	1,971224064	5,123261298	6,727356458	73,58600293	10,61635291	22,09826411	31,33962414	15,49041732	204,3681124	22,70520137
ENSG00000175599	NABP1	6,807965736	14,52775721	38,11504617	21,98003264	19,66484587	25,41654858	20,03926424	34,27367092	20,03225476	204,2801961	22,68979846
ENSG00000276231	PIK3RB	3,900721802	10,98449271	86,49829679	0,146428156	0	32,49314886	39,39430458	8,715165361	22,05574178	204,1901	22,68778889
ENSG000000068784	SRB01	3,354684621	30,02977801	5,069210923	70,80481753	0,071182863	35,84589299	21,73658477	32,4212311	37,83238422	204,1683667	22,68548519
ENSG00000173674	E1F1AX	18,29556675	20,1076126	21,66405846	46,70109423	24,24409884	20,93615569	21,83081445	22,6827535	9,683892189	204,1688567	22,68298408
ENSG00000187824	TMEM220	10,59693368	18,95644698	34,07395474	20,93077139	17,3003736	27,6264552	21,13824578	47,19148185	12,7836331	204,1168951	22,679655
ENSG00000176261	ZBTB80S	22,03963293	20,04800001	0,236176805	39,01831396	19,73061547	18,74775421	24,305213	36,12227218	23,84267193	204,0906055	22,67673894
ENSG00000093000	NUP50	13,17355388	13,08803837	28,95907296	68,97224863	0,087206785	33,13779731	13,57383023	3,530626753	29,3798169	203,9021918	22,65579909
ENSG00000166189	HPS6	93,60983256	22,57292035	0,10493775	30,63449494	0	17,5367918	17,76193828	0	21,60842917	203,8293449	22,64770498
ENSG00000122741	DCAF10	13,32310061	45,50425692	55,82400975	25,68121328	1,126167664	15,42842295	17,93298075	13,98896794	15,01835363	203,8277435	22,64749705
ENSG00000128513	POT1	23,49811655	32,37529321	4,10111389	77,34684341	0	22,14204237	8,021420242	12,94393507	23,3529376	203,7817023	22,64241137
ENSG00000006282	SPATA20	12,82613613	21,15191719	28,49074651	11,83179012	0	31,83294558	47,98293941	14,48785625	35,17050453	203,7748366	22,64164851
ENSG00000197070	ARRDC1	10,80503087	16,626219	35,93937955	10,60263485	11,93900009	30,20535565	34,66159304	19,18089838	33,78581896	203,7459034	22,63843371
ENSG00000149532	CPSF7	21,30468781	23,01152533	35,18502247	5,922480371	44,85994482	15,77744715	18,147051	17,46332456	22,04541252	203,7168942	22,63521047
ENSG00000005370	AP5M1	35,02972022	25,66287212	0	4,16886635	23,88784021	27,02944413	13,02987087	46,34561182	28,42157046	203,5757792	22,61953102
ENSG00000115365	LANCL1	2,243362107	0,051035782	0,052908279	42,61176403	0,068351264	46,30801621	41,5289127	58,30088391	12,30959074	203,554825	22,61720278
ENSG00000237190	CDKN2AIPNL	36,4483499	13,23970148	51,11552331	29,17377412	1,834312078	27,36508088	16,59170679	0	27,73986116	203,4497369	22,60552632
ENSG00000175906	ARL4D	23,36563957	32,79556782	0	21,1658281	0	15,03498889	17,65171971	73,49970418	19,903715	203,4171633	22,60190703
ENSG000000083635	NUF1P1	16,32688924	24,27147415	83,47390903	19,5701231	33,64147092	6,674563431	3,929961548	5,447225653	10,0646096	203,400578	22,60006423
ENSG00000114127	XRN1	10,49273867	5,370896346	85,49129233	9,756260695	36,08558847	14,59437054	16,22045938	10,37899070	14,31616926	203,1657108	22,57396786
ENSG00000110367	DDX6	1,529299092	10,83142087	56,65342098	28,29717095	6,704864253	32,61180678	27,21333496	16,63416031	22,42416126	202,8996398	22,54440442
ENSG00000185404	SP140L	57,47550732	14,7596747	36,90001314	4,756867679	15,76303549	22,1997161	15,41175405	9,181987097	26,38033821	202,8289838	22,53654375
ENSG000000012822	CALCOCO1	7,268523741	26,15725512	52,3594792	14,76034182	1,574014852	20,88332725	35,3793058	25,14095327	19,21541925	202,7288171	22,52542412
ENSG00000205758	CRYL2L	40,65821085	20,31576106	47,16256172	24,58542257	0,058137857	9,051621232	19,37812801	22,57461348	18,92463795	202,7090905	22,52323228
ENSG00000169964	TMEM4	17,32039104	6,723195704	54,85377401	25,57519614	19,17788243	13,18208424	13,40093491	22,27286079	30,1977302	202,704109	22,52267878
ENSG00000142252	GEMIN7	38,50755012	39,6262068	11,75790497	31,33944865	0	20,27314619	24,17678982	16,04721398	20,96232314	202,6905837	22,522117596
ENSG00000155906	RMND1	37,77764267	8,911577903	0,058844221	24,96686258	13,15142566	23,63268665	10,06631156	41,75898324	42,33083361	202,6585881	22,5176209
ENSG00000168724	DNAJC21	12,55565018	23,40209586	36,53652201	31,34714848	1,80385382	19,09811996	17,97497745	25,79575004	34,13150341	202,6456228	22,51618031
ENSG00000169902	TPST1	0	33,36240928	0	61,5821452	0,256055289	13,49418687	40,30259149	39,11025897	47,17496416	202,6379806	22,51533117
ENSG00000149925	ALDOA	28,78664089	22,39081564	19,73403154	15,05906646	31,36317658	20,54816897	24,15848577	16,2854626	24,25116774	202,570162	22,50855736
ENSG00000183530	PRR14L	22,44571117	10,62667932	53,97648971	31,3252553	53,4863785	18,7181955	8,020185627	10,52107692	16,54032164	202,4939811	22,49933123
ENSG00000171863	RPS7	17,19236211	23,28955409	24,2938974	31,05621231	20,0009493	21,154787	16,08824458	25,44535351	22,69830302	202,3460158	22,48289065
ENSG00000008309	LYRM2	19,5964717	33,93889523	21,11687348	31,25203903	20,8226079	15,05144802	21,26125511	18,66431563	20,56630102	202,270244	22,47447156
ENSG00000139428	MMAB	22,49835017	45,80424993	12,14834929	23,80413776	28,82249468	16,4587262	17,38821151	13,17784915	22,04958739	202,1519561	22,46132845
ENSG00000144579	CTDSP1	24,00762398	24,95927227	27,46281071	24,89563646	28,26141861	15,21811779	14,81117945	17,8254315	21,66309155	202,1025824	22,45584249
ENSG00000101654	RNMT	8,916885528	22,2363532	46,90068127	30,53335352	5,554954823	15,20807349	28,71692799	24,65717698	19,32463122	202,0490179	22,44989088
ENSG00000135002	RFK	22,58063853	22,25273579	26,87811712	8,049709578	0,464216058	34,82921103	32,60022845	13,32673023	40,16744897	202,0040358	22,44489286
ENSG00000124596	OARD1	21,15409122	40,57655017	0,085152427	15,46668184	0,715044884	26,45319503	18,44869333	64,7305578	14,31778231	201,947729	22,43863656
ENSG00000134250	NOTCH2C	10,9181747	19,30676127	55,05205473	17,96300979	37,31723182	14,70968334	8,240876296	21,88527994	16,54284852	201,935558	22,43728422
ENSG00000004534	RBM6	19,21230437	35,37755118	26,20226169	8,00160448	8,586096073	26,29929268	25,5272562	10,86509059	40,89183621	201,8381581	22,42646201
ENSG00000115828	QPCT	0,225875292	0	201,5251839	0	0	0	0	0	0,069449373	201,8205085	22,42450095
ENSG00000105186	ANKRD27	17,462568246	37,44217507	31,909802124	25,63140087	61,44666319	8,391705816	4,475945083	13,5979571	15,31949292	201,7768045	22,41964495
ENSG00000135687	ADSS	53,00507376	45,50855218	15,18752067	3,564063879	0,208728592	20,10589868	24,32104372	6,241861926	33,59387877	201,7367132	22,41519035
ENSG00000132466	ANKRD17	1,455640774	12,33604618	26,40834025	48,27491511	12,04812217	19,67449789	21,71401527	32,95564282	26,7924081	201,6622896	22,40692107
ENSG000000082068	WDR70	24,92390575	36,45573151	3,90965049	9,934731239	30,051018261	23,64090189	35,52526945	32,9542643	34,13830847	201,5337814	22,39264237
ENSG00000171428	NAT1	2,876470254	12,76056473	56,79542631	52,31944922	19,88378736	14,58033939	5,493307683	40,15115462	16,45024737	201,4269596	22,38077329
ENSG00000178307	TMEM11	25,93859297	29,98263525	16,04539103	31,14817618	16,88378736	23,01388779	15,47050331	22,76793031	18,14095699	201,3918612	22,37687347
ENSG00000007123	ING3	6,509378429	17,17410116	26,24773627	39,74240382	0,096001066	18,69684576	20,79912042	60,17721835	11,29710241	201,38159701	22,3762189
ENSG000000054282	SDCCAG8	1,192753988	36,73661305	16,40401261	7,94427098	38,13219534	25,31843418	15,09133856	36,39065149	24,16947818	201,3797484	22,3755276
ENSG00000146757	ZNF92	37,10621072	0,15830318	8,841475506	96,42592325	16,29816314	25,04404975	5,879165601	7,620130754	10,3734217	201,3734217	22,37482464
ENSG00000163050	COQA8	29,82674981	1,478787483	46,8469732	17,83741714	41,4525828	8,958362549	15,93120799	17,50281857	21,49975158	201,3346511	22,37051679
ENSG00000184209	SNRPN35	17,58056834	19,98023075	12,16838955	45,33454519	51,91134902	21,43280602	16,91652351	7,585851939	28,16623368	201,1754997	22,3528333
ENSG00000143811	PYCR2	13,92801484	21,73721933	2,160866955	45,42398739	30,00954477	23,30670511	31,21083217	18,25554662	25,12694513	201,1566623	22,35107359
ENSG00000150804	SLC35F5	5,210790933	3,182159876	97,92299457	22,22173504	0,088401451	9,757988937	23,06563873	26,11899373	13,57991829	201,1466489	22,34962736
ENSG00000130305	NSUN5	27,23426729	16,25817048	2,035589477	7,184501351	34,71259197	24,29856132	33,00303402	15,67967192	30,59336424	200,9888521	22,33220579
ENSG00000148090	AUO1H	20,27745922	21,13785475	45,05789027	18,37407483	0	26,45164199	24,72732407	19,31681263	25,59710736	200,9401651	22,32668501
ENSG00000137672	TRPC6	0,026901715	16,90211325	30,39169886	39,40034776	0	46,82483335	33,512375	0,058838064	33,72108372	200,8328272	22,31356524
ENSG000000081019	RSBN1	17,46225688	19,89732395	45,57585433	41,32714072	0,15799276	15,88790242	12,47527278	17,15410242	8,84522217	200,7623703	

ENSG00000104907	TRMT1	18,86636138	9,644822239	20,16264689	40,72261048	0	23,37741182	36,51470126	11,49252212	37,0146165	197,7596927	21,97729919
ENSG00000105669	FAM204A	48,8848681	31,61016323	2,720034251	35,12018363	5,784892848	24,29629693	12,90365859	15,83657649	20,63449327	197,7911678	21,97679642
ENSG00000105699	LSR	0	32,4602627	0	18,61264565	62,43916117	19,15155452	22,50376668	1,699766294	40,34322654	197,5743736	21,95270817
ENSG00000105640	TMEM106B	11,55333023	6,258842754	15,226833	12,52065495	80,11243339	15,23864308	16,46582764	24,57126535	13,53869246	197,4865229	21,94294698
ENSG00000105542	SETD9	8,806886818	27,49667135	34,55525391	26,7677256	1,722068628	16,46295397	11,43163851	46,31690729	15,91029052	197,9485283	21,94176092
ENSG000001096428	TSC2D2	13,88674566	11,29889209	22,66504404	42,97515897	10,24204707	23,24680571	24,41491901	24,70681879	23,98687128	197,4226565	21,93585172
ENSG00000174606	ANGLED	10,94555179	14,58528304	6,952351799	12,51717759	81,81617372	11,90420292	12,36355192	20,99932676	25,27228231	197,92584335	
ENSG000000025156	HSF2	0,111859004	18,16061659	0	64,70260288	0	23,93449657	18,11007753	71,9080406	0,962935349	197,3506204	21,92784671
ENSG00000155868	MED7	12,08449088	35,25642292	0	54,5811429	0	17,87005131	22,96070917	28,8058953	25,84177147	197,3374553	21,92638393
ENSG00000008862	COO9	49,96200391	9,498894655	0	18,12467988	28,18727642	23,04847095	23,8216421	7,421197742	37,26397043	197,3281361	21,92534845
ENSG00000111490	TBC1D30	49,21424162	28,4963777	0,119240793	18,94401907	40,01320391	20,17614949	17,27655832	1,417413694	21,64389525	197,3010998	21,92234443
ENSG00000185900	POMK	38,4015675	0	59,97972301	53,79959253	0	9,192701107	23,66355755	0,176043989	11,88150382	197,0496895	21,89940985
ENSG00000134326	CMMPK2	21,88328348	0	0,06461648	24,74697109	0	19,12869504	17,09103081	85,94985613	28,16641853	197,0308716	21,89231906
ENSG000000241973	PHKA	30,1903209	13,99887263	30,14476922	30,74398228	1,164841682	21,38060382	30,77636442	12,94856243	26,19805451	196,9463719	21,88293021
ENSG000000241786	PISD	4,92423491	17,36865414	29,06509232	38,86376571	1,220511439	18,37554168	42,01575492	11,89088088	33,17891731	196,9033605	21,87815117
ENSG00000170906	NDUFA3	10,07403804	41,81931799	6,065020341	22,24536551	6,239213867	40,15371129	29,35245343	18,69124826	21,92613515	196,5665039	21,84072265
ENSG000000164172	MCCS2	8,448111771	22,3079867	0	32,99676883	0	21,06318969	12,65141784	84,61544083	14,47199869	196,5548245	21,83942495
ENSG00000125863	MKKS	23,43931011	41,09733212	0,315886476	16,76908218	42,54318613	12,39615957	21,85037316	16,52172838	14,619969337	196,5427215	21,83808035
ENSG00000137185	ZSCAN9	38,38444438	16,21155412	0	0	74,73134282	22,65877242	15,40863726	0,089186118	29,0933827	196,5313198	21,83681331
ENSG00000124787	RPP40	23,10559184	21,5934944	1,416820076	49,07492642	0	16,15133545	10,02264139	42,94638874	30,21663639	196,5278347	21,83642608
ENSG00000136504	KAT7	8,440550853	17,4238067	14,18729656	43,72496734	0,61815568	22,48981481	17,35354364	44,82011175	27,3673539	196,4257832	21,82508731
ENSG00000121879	PIK3CA	11,87297341	0,471885507	66,09940863	2,971309235	55,94947218	11,61030537	9,24791681	20,3528538	17,81510141	196,3912263	21,82124737
ENSG00000126883	NUP214	27,87076824	17,98030819	41,7611819	17,77351677	10,7085682	14,71635479	31,14680156	9,553167698	24,86767936	196,378347	21,81981634
ENSG000000085433	WDR47	19,16640971	0	54,92988286	61,05984597	0	6,977021765	17,72981178	5,453701883	31,05145766	196,3680677	21,81867419
ENSG00000074590	NUAK1	27,68635456	4,989043382	68,503372	5,473379176	0,307463649	27,2256226	20,7863949	21,7837857	15,06290306	196,318319	21,81314656
ENSG00000115170	ACVR1	28,96582681	32,19048071	0,418015186	28,77478417	2,160105518	23,90941895	11,35207766	26,83228067	41,73395588	196,2677015	21,80752239
ENSG00000121022	COPPS5	5,691656666	44,36286851	11,93538412	17,17024417	0,461650009	35,74574194	23,80694306	23,10790651	23,91468939	196,1970844	21,79967604
ENSG00000198912	C1orf174	10,57222999	35,87040885	23,18612494	3,151675855	0	33,95344072	25,76316525	26,50705738	196,1903488	196,79892764	
ENSG00000150403	TMC03	43,46557782	12,94086717	35,96255399	9,677291708	0,034593733	24,90017132	19,90652508	28,36115978	20,76697484	196,0157155	21,77952394
ENSG00000115839	RAB3GAP1	0,227953795	0	9,18353214	13,97373902	20,04427375	42,84792688	39,31239698	65,54856785	22,76472712	196,8632722	21,7625858
ENSG00000008269	FAM135A	7,24942581	18,33363	35,43990307	39,94481007	7,155897765	29,39354442	17,92771861	9,299225717	31,08265095	196,8286064	21,75853405
ENSG00000136933	RABEPK	8,752949484	20,02589474	30,97749412	46,23997815	0	23,70847994	13,79767883	17,48845109	34,80855472	195,825381	21,75817566
ENSG00000149262	INTS4	23,58689804	21,21446515	53,33259193	31,9471252	0	18,48616282	25,64417532	6,535709264	13,60076741	195,8186825	21,75763138
ENSG00000003400	CASP10	36,37552431	31,05619375	11,08554488	21,18937606	0	30,67969996	23,00344665	16,96097912	25,43832366	196,7980914	21,75432438
ENSG00000146072	TNFRSF21	27,9943366	12,38152212	0	3,919468325	88,10616755	9,737727868	20,59179301	0	32,72346275	195,4544782	21,71716425
ENSG00000144401	MTFLL21A	12,15908828	25,40209582	8,914336802	14,43365858	63,23384793	17,93825741	18,10626592	15,4572216	19,82034843	197,0820348	21,70967968
ENSG00000185669	SNAI3	13,72153458	11,40374023	12,94045288	23,54413277	0	38,90316971	21,34437832	10,44477081	63,01692422	195,3191035	21,70212261
ENSG00000111556	AC092881.1	27,66706797	17,82120061	24,41488899	20,60552754	0,205312681	20,3697828	27,52761518	31,87927328	14,82292218	195,3135909	21,7015101
ENSG0000011530	CAND1	3,683181067	34,59387218	31,13458898	45,32736414	1,137117402	25,33050772	15,13405035	2,96855797	32,59841081	195,3121713	21,70135237
ENSG000001031496	STX4	11,887610333	26,58275809	31,80932699	17,62485794	1,022150946	22,58511426	34,65518418	13,03810871	24,61148766	195,2147606	21,69052896
ENSG00000108405	TRXN1	21,33013036	20,86152915	21,06336787	10,05122051	0,091007994	44,86622871	40,44558092	6,95034696	29,5300987	195,1855427	21,68728252
ENSG00000037637	FBXO42	6,340303664	18,8822129	0,123423287	64,53137123	16,30359361	21,54682814	15,97452223	25,85818294	24,58974964	195,1501877	21,68335418
ENSG000000089123	TASP1	18,96662331	35,91270143	63,23399559	1,170919803	0,247923743	0	8,835328867	52,01179247	14,6969747	195,0899492	21,67666102
ENSG00000130193	USP30	26,27243294	0,052147413	57,1421557	29,1761349	0,279360204	1,226099167	6,978707692	9,896328938	13,33671076	194,9056163	21,65617959
ENSG00000166579	NDEL1	48,49595029	27,37037135	11,35682365	24,89624711	0,225718128	20,81442559	10,61490049	29,71675078	29,71675078	194,8001703	21,64446337
ENSG00000129347	KRII	29,00388033	14,01351442	7,947872528	59,23600675	1,91650582	11,15920682	12,46764021	12,00313053	20,55766546	194,7176219	21,63529132
ENSG00000164010	ERMAP	0	9,938130073	33,58112631	56,56632317	30,13573782	14,79271624	9,498016391	10,51382715	29,66396141	194,6898873	21,6322097
ENSG00000173653	RCE1	20,68625508	24,62071787	13,64376446	26,13705923	4,196699159	14,23673396	31,16858999	37,29111313	22,52497081	194,5059037	21,61176708
ENSG00000156928	MALSU1	4,394802367	15,94508388	23,82067844	38,01208017	17,10689354	25,67401236	31,49038854	22,24753227	194,4917207	194,6101919	
ENSG00000143514	TP53BP2	0,050547105	8,072513801	0	6,589928276	96,70166302	14,70690846	47,63633612	0,221063434	20,39058682	194,369547	21,59661634
ENSG00000197343	ZNFF65	10,34264708	44,46158864	2,250047224	30,00395109	39,36998649	19,74890807	8,73707228	21,82986515	17,47634104	194,2202275	21,58002528
ENSG00000140553	UNC45A	19,93176239	17,59480715	0,185369498	19,66234471	46,93720879	29,71697846	28,24672185	13,13276898	18,77898692	194,1958604	21,57731782
ENSG00000062822	POLD1	26,90086801	16,63654745	0,05636255	20,41956173	0,072813776	16,18065438	34,59846949	25,25827899	50,45589889	194,1794553	21,57549503
ENSG00000165832	TRUB1	28,21511406	19,59470576	85,81158376	6,887697301	25,53782082	9,680806087	3,730293283	6,243276074	5,473686064	194,1749952	21,57499947
ENSG00000116157	GPX7	16,07559262	0	0	40,7484267	0	46,08627131	57,54431302	9,569322582	14,49395654	194,1742807	21,57492008
ENSG00000185414	MRPL30	11,01583362	20,16698236	41,05462386	13,26602182	2,640570164	18,57780197	16,86996061	50,39821345	20,14638731	194,1363956	21,57071062
ENSG00000105516	DBP	9,352044792	25,24075062	32,58110268	12,73155101	0	24,23754757	22,03016679	15,55223382	34,22143377	193,9689487	21,55520552
ENSG000000051128	HOMER3	30,0278165	16,14180363	37,61098359	12,73411477	19,30965161	23,02966801	16,02295005	17,86393717	21,18063813	193,921564	21,54680405
ENSG00000133316	WDR74	9,286522002	7,702689901	13,28701674	64,6774682	62,65742851	18,7305834	13,9148873	18,59521112	17,7663499	193,8599106	21,53899007
ENSG00000179331	RAB39A	39,60139093	0,284500796	77,71645208	0	0,38102657	18,48340642	42,99938168	0,175296853	14,09870169	193,740157	21,52668411
ENSG000002073802	HIST1H2BG	49,35527895	60,83012779	1,268488066	9,185455429	2,106947771	30,39170277	7,279569458	3,446514394	29,80328845	193,6643731	21,51826367
ENSG000000046647	GEMIN8	49,06106399	14,0486939	0,68809552	7,535250917	90,6682904	8,692509588	12,2157584	0	10,65704067	193,5666774	21,5074086
ENSG000001												

ENSG00000104361	NIPAL2	22,72319141	15,35383197	0	10,14695406	0	25,03752192	27,05915651	42,96946124	46,37875217	189,6688693	21,07431881
ENSG00000010292	NCAPD2	1,75166813	11,68717837	54,86562386	52,2273249	0	16,10383959	28,58474024	0	24,27207285	189,4924479	21,05471644
ENSG00000013375	UBFD1	20,47127465	24,67166103	37,9951007	13,52060159	15,73856542	18,61974632	19,33701364	3,760393383	35,36933814	189,43836948	21,05374387
ENSG000000134531	EMP1	76,43050004	10,44086685	1,455021583	48,26947251	5,31822254	17,11422775	5,558305273	23,07515747	1,75573122	189,420055	21,04667277
ENSG000000118263	KL7F	13,83521528	13,11469726	54,2334131	40,00514618	0,310185742	31,27616788	15,48397617	6,136336147	15,0089828	189,4041388	21,04400431
ENSG000000073360	SCARB1	30,23773078	21,40702184	0	31,65197535	0,231958108	24,94766972	31,46078212	26,1666955	23,28738447	189,3916679	21,04351865
ENSG000000113091	FAM172A	0,027905923	1,634106372	6,365564593	20,19053635	0	47,12289325	28,50018622	63,03580946	22,44572956	189,3227317	21,03585908
ENSG000000134184	GSTM1	0,120310964	0,106744427	0,110660867	0	77,62271716	39,49622805	0,199793522	36,96342097	34,62427246	189,2491484	21,02768316
ENSG000000089159	PXN	22,49077387	10,81913432	17,55075424	12,7669257	19,8330127	26,06530776	34,19318833	17,23043052	18,36044206	189,229613	21,02547348
ENSG000000104133	SPG11	1,287620656	12,91732743	73,78093237	9,069873411	25,60147838	10,19007001	11,12539601	20,76889841	24,39696184	189,1385588	21,01539539
ENSG000000146674	GOLGA4	22,46181157	18,33065363	10,35596904	12,88027722	13,1111825	15,8694386	8,180053311	61,08900219	26,77699264	189,0553165	21,00614627
ENSG000000100151	PICK1	10,75163292	27,9736335	18,63376092	1,193937198	48,14524819	16,47339059	20,98348494	16,47339059	20,98348494	189,0474253	21,00526948
ENSG000000087008	ACOX3	28,17115943	13,17702497	52,61817786	0	0	28,21256297	27,92579412	2,491576302	36,43408962	189,0311053	21,00345614
ENSG000000089057	SLC23A2	6,706209222	7,19700824	1,551310677	48,7822893	0,238584602	20,41365852	40,278544	11,81064293	52,00541801	188,9836655	20,99818505
ENSG000000100028	SNRPD3	6,061410218	25,07400585	58,23803811	31,33353042	6,422643834	16,7436581	12,85477852	16,04051299	16,096569	188,865227	20,98502523
ENSG000000117682	DHDDS	15,35895601	25,72403639	36,8789575	36,15308047	0,192109955	13,6385121	10,537897	24,15801938	26,21337359	188,8549424	20,98388249
ENSG000000147454	SLC25A37	23,37716057	20,3889865	21,03276137	33,90588277	0,853330829	12,59476239	23,89836364	13,43061962	37,23687473	188,8545551	20,98383946
ENSG000000156873	PHKG2	41,62302922	34,56545954	10,13739875	12,47858949	0,14391566	16,61673583	22,77774261	13,41866264	35,05413965	188,8156734	20,97951926
ENSG000000034677	RNF19A	1,42021213	20,06941149	75,62274736	10,34465381	0,122733268	21,60353032	18,0100955	31,39467183	10,19420470	188,7823028	20,97581142
ENSG000000065357	DGKA	23,65872571	20,5793276	14,78266124	20,18565451	32,18472726	15,14849987	12,61164458	15,54331745	30,09491375	188,685472	20,96505244
ENSG000000105393	BABAM1	19,08641846	30,8555498	20,67887602	19,81528672	0	25,32691485	21,92449428	14,22966001	36,2188301	188,6293363	20,95881515
ENSG000000124766	SOX4	49,44920417	0,048315791	14,63053153	23,27547108	23,4420542	4,791334153	15,41578413	33,70974655	17,81611398	188,5785566	20,95317284
ENSG000000171236	LRG1	11,07323945	0,038305702	38,3740107	16,32050729	41,99894278	5,342050397	6,222436894	49,77308252	11,41766199	188,5602377	20,95113753
ENSG000000104231	ZFAND1	13,41133209	33,53365782	54,75165689	29,53630348	0	19,56752649	11,76098271	0,078413519	25,79976638	188,4396394	20,93737771
ENSG000000213859	KCTD11	8,702730323	35,27260603	33,01923962	38,93532344	0	18,83866823	17,57241561	17,9498991	18,12264687	188,4124159	20,93471287
ENSG000000172262	ZNF131	18,3653641	4,376671913	48,73465098	54,93851685	0,168678977	17,08590603	10,07798231	3,0265261	23,54725194	188,3215492	20,92461658
ENSG000000169925	BRD3	20,52607228	6,941340485	13,05811111	13,31331163	40,68536438	23,88764848	24,36051385	13,64796643	31,32578815	188,2462068	20,9162452
ENSG000000110697	PITPNM1	2,814850727	2,3725697	59,07400737	10,28833958	43,92806945	11,95009432	26,52756786	0	31,18598115	188,1414802	20,90460891
ENSG000000105552	BCAT2	37,60966994	21,90837339	11,84452871	17,30778878	17,35248393	18,62075658	26,45541812	4,935108849	29,7158507	187,9010083	20,87788981
ENSG000000171823	FBXL14	2,962952366	5,952097671	37,43424196	5,019836729	47,56347768	24,85896543	27,85135006	4,523151683	31,68235471	187,8624283	20,87363014
ENSG000000153214	TMEM87B	19,25445723	20,40922947	3,030040545	49,08748446	0,674906112	26,19148364	32,13983509	6,458409139	30,59604460	187,8421543	20,87135048
ENSG000000262814	MRPL12	17,52223664	21,79152032	34,43757142	19,65417053	13,85865823	28,44651117	20,64229446	10,47958985	20,81333698	187,6678924	20,86198804
ENSG000000172469	MANEA	11,67540247	22,42266346	0	58,37100299	0	31,87145375	19,19526852	23,3023221	20,80478409	187,6428983	20,84921092
ENSG000000098989	TRMT2A	39,66939108	23,19285888	0,14060703	28,11287283	0,27247158	25,4698331	29,57469636	8,774817802	32,43148719	187,6303959	20,84878176
ENSG000000196459	TRAPPCC2	15,11848022	14,53332275	25,58126996	11,36543364	89,50006541	9,073871397	10,23157448	5,248428533	6,908000746	187,5600471	20,84004968
ENSG000000181026	AEN	44,0486302	16,7364401	8,372894548	21,17695159	0	21,26631555	13,79417807	18,63394384	43,44504545	187,44743995	20,83048883
ENSG000000103145	HCFC1R1	13,91946638	27,69366086	7,759388667	9,65077017	22,30388086	31,02863542	21,10143057	24,44247324	29,56943969	187,4691459	20,8299051
ENSG000000237541	HLA-DQA2	19,5333218	66,50766144	6,931262311	7,70477282	18,61567313	0,762056455	66,11068018	0	1,219465369	187,3848936	20,82054373
ENSG000000138592	USP8	19,83230153	14,57561766	21,95182721	13,00819189	69,15809461	9,114994137	13,93236766	4,562465566	21,20085604	187,3667113	20,81852347
ENSG000000244754	NAB2P2L2	31,03290788	20,1897013	16,81648476	15,95457362	13,23398962	23,67356106	17,62946941	25,95158278	27,77058215	187,2528526	20,80587251
ENSG000000126777	KTNI	31,07749362	21,73753272	7,96347077	27,68481782	5,761243995	16,61182245	25,69712446	32,35239266	18,7061912	187,2056192	20,80068791
ENSG000000186153	WWOX	30,9110964	16,08081003	30,71540219	35,35243336	0	28,96364555	14,55960928	3,528978745	26,56586147	187,177837	20,79753745
ENSG000000186350	RXRA	22,12459372	15,90956728	42,78533965	13,15849196	8,939489143	15,246957	27,91961171	17,65973465	23,9963124	187,1337663	20,7926407
ENSG000000134318	ROCK2	12,80246451	10,33337969	40,28776096	1,637560147	33,13685108	26,29059541	12,52488073	22,61652561	27,48152143	187,1115459	20,79017716
ENSG000000083750	RARGB	43,91910898	7,67525725	48,76127975	0	0	11,9333846	20,58173886	16,37015289	37,78310948	187,08404798	20,78044798
ENSG000000096872	IFT74	17,47436258	31,60033392	2,047484157	33,89015506	0	25,5523142	22,61115239	32,45122195	21,45458445	186,7755259	20,75283621
ENSG000000064102	INTS13	16,79555215	16,56712586	0,908728666	8,71277332	0	37,09801715	45,69269364	28,6254202	32,13887227	186,7697683	20,74418748
ENSG000000037897	METTL1	15,23922226	56,3277273	1,998829679	0,134018991	0,184446606	17,29832926	18,81732765	13,74892694	26,82222533	186,5537161	20,72819068
ENSG000000151503	NCAPD3	19,50000757	33,51039479	66,61274161	7,65613698	0,078805693	15,67357983	16,4375221	17,04018507	13,5398385	186,4586961	20,71763224
ENSG000000168438	CDC40	17,88966454	17,02060051	11,24990829	54,15879574	0,542746915	17,91444178	17,1507725	26,96745589	23,56240543	186,4567916	20,71742129
ENSG000000143315	PIGM	22,58393527	0,91425032	6,555575569	40,58102174	0,03904744	16,00415991	10,42763805	34,2686794	12,80516598	186,44894737	20,71660818
ENSG000000080189	SLC35C2	13,62504497	25,60359523	14,53372858	18,72042566	42,16416396	15,69803039	20,85203623	8,402332023	11,33210502	186,2932348	20,69924831
ENSG000000133983	COX16	35,86051214	11,85562337	46,12770201	21,6647632	21,56273453	17,65969566	16,25417647	9,379147113	22,62241763	186,2910441	20,69900456
ENSG000000091947	TMEM101	27,68780677	27,79682668	5,689919491	0,430727921	0,11855977	25,68902624	32,14426465	44,94521024	21,7199303	186,2222721	20,69136356
ENSG000000088831	RASGRP2	32,81016829	15,91046384	12,38202628	28,73544263	34,17637361	11,31704295	13,858656	13,36076654	23,58210309	186,231022	20,6814558
ENSG000000173011	TADA2B	10,47649853	24,66258603	43,07612233	13,53350929	0,123940481	14,1431967	11,17216416	26,17247049	38,58039139	186,0606791	20,67340879
ENSG000000196151	WDSUB1	0,007077785	13,69485175	64,57991995	0,122217787	0,336409876	36,29051022	14,63330804	42,87137012	14,71103619	186,0493008	20,67214453
ENSG000000075292	ZNF638	15,95419445	20,95867004	6,195163341	31,712155	28,29986725	20,11037293	28,10358406	11,86745921	22,83972412	186,0411904	20,67124338
ENSG000000089335	ZNF302	24,83897995	13,69485175	73,0388257	9,956183451	19,62585933	8,605457178	6,908852537	49,24988522	10,82134957	185,9784196	20,66426884
ENSG000000113734	BNIP1	23,84326627	19,01170738	82,02691445	0,32082169	4,856917581	19,31090319	26,43104535	0,135424003	9,825492366	185,7624923	20,64027692
ENSG000000186432	KPNA4	22,83405682	12,74417434	13,09326553	35,73118525	6,467483446	23,40852553	13,95897556	28,41652771	29,029818	185,747176	20,63857511
ENSG000000065526</												

ENSG000000070770	CSNK2A2	15,19416681	19,05846397	6,70351106	23,03557948	65,93866029	16,98647281	11,28896796	9,226631557	14,78175695	182,2142109	20,24602343
ENSG000000119638	NEK9	29,64632107	16,44737175	43,29875891	21,82541609	26,56668808	7,617084098	14,35445899	11,08614116	11,12351617	181,9653963	20,21837737
ENSG000000124370	MCEE	16,19041829	106,9926207	0	0	0	22,57773242	12,8251694	17,29491721	5,950750713	181,8316043	20,20351158
ENSG000000145982	FARS2	13,72027725	13,47642317	0,057493299	27,36174398	55,18600496	24,12308902	9,835213201	16,33378731	21,71732887	181,8113611	20,20126234
ENSG000000198586	TLK1	5,639533259	20,84123361	48,05907931	32,96020732	8,247675614	13,35399326	13,64765015	25,6828994	13,23946517	181,6717371	20,18574856
ENSG000000109111	SUPT6H	52,47544507	11,94237305	20,74004545	5,973124051	0,854390803	15,88371147	39,82142722	15,72299998	20,17994689	181,5925603	20,17695114
ENSG000000018616	Cxorf56	4,802739068	49,47115971	51,28625082	15,17063806	0	24,3721351	19,35550083	8,324901895	8,788091363	181,5714168	20,17460187
ENSG000000145431	PDGFC	54,82102062	27,40430911	6,163946843	25,4931469	0,239491525	30,23345454	20,500321	4,572535696	12,05306722	181,481135	20,16459039
ENSG000000200453	SAM9D	5,011041934	32,15357025	0,162057025	22,00151938	8,958239179	33,78718674	22,98916659	27,04212872	33,99730662	181,2015968	20,133351075
ENSG000000214367	HAUS3	0,042765125	52,4749379	41,41970344	2,658457361	0,050816123	19,57965487	6,338320153	35,44211153	23,06316684	181,0699333	20,11888148
ENSG000000138821	SLC39A8	32,76394318	28,9659568	0,042898163	0,281874201	0,831290607	17,15433432	23,29333478	73,68468684	4,015202642	181,0337035	20,11485595
ENSG000000135655	USP15	16,03866959	16,54311032	30,72125309	18,2216119	1,997357842	21,1980709	23,77203375	25,54239808	26,98019087	181,0147255	20,11274727
ENSG000000121671	CRY2	2,437267269	0	27,0358064	14,43559618	94,99238217	12,73765073	7,872251476	3,784008757	17,71537011	181,0103331	20,11225923
ENSG000000076053	RBM7	30,81620769	27,10325606	33,949884	24,12448909	0,592077115	19,5684003	13,38244124	10,22524217	21,23623546	180,9982331	20,11091479
ENSG000000136715	SAP130	1,174882095	16,06521931	20,2779903	48,51135018	0	16,99701312	28,26166865	0,151124888	49,55340612	180,9926547	20,11029496
ENSG000000197712	FAM114A1	16,03862965	23,61587313	9,416283378	15,42789421	26,90985485	28,54302264	18,93259988	5,63048021	36,47490768	180,9895456	20,10994951
ENSG000000126003	PLAGL2	0,026716862	5,83123515	13,26991279	16,60830814	101,3986413	8,770732396	14,70771395	4,965866025	15,34482424	180,9239508	20,10266121
ENSG000000235173	HGH1	17,54105666	10,28020448	0	30,01169037	26,90985485	25,38425934	38,92831742	25,45413601	33,05257638	180,9072052	20,10086008
ENSG000000076043	REXO2	22,50930642	29,06865154	11,4979603	24,47808494	0,097085034	18,34505852	31,81060381	33,85636688	19,14234252	180,89491	20,09943444
ENSG000000158290	CUL4B	0,021492045	0,076274214	0,079072706	85,95155756	0,051076311	21,6620551	31,63972389	4,60568731	36,74109884	180,828038	20,09200422
ENSG000000172175	MALT1	18,36608914	14,56206229	43,43212963	23,08958741	0,311544671	9,787385457	15,13002182	34,6573603	21,1046324	180,4408131	20,04897923
ENSG000000100815	TRIP11	8,697744956	6,876761668	0,857632392	21,2582003	36,00870074	12,76481298	22,34230316	42,72201649	28,8660574	180,3951301	20,04390334
ENSG000000136731	UGGT1	2,42225756	6,946316682	0,293925561	62,65290385	25,94734203	22,03077268	21,83486701	2,842227073	15,37667499	180,3292874	20,03658749
ENSG000000023572	GLRX2	16,10690008	12,30603382	58,68468756	34,74931143	23,82551167	8,335603854	11,19332752	6,54483926	18,46494432	180,2849495	20,03166105
ENSG000000160194	NDUFV3	16,75035181	22,53542826	10,69491393	29,91165666	0,396376978	31,31424792	16,9746996	15,31815876	36,36637246	180,2622004	20,02913404
ENSG000000123685	BATF3	21,94014903	5,636305179	31,163203	41,33925055	0	23,37860209	15,92188721	15,04899575	25,82608348	180,2544663	20,02824703
ENSG000000177733	HNRNP40	22,30465448	30,57544007	14,23986984	39,38246179	11,64683297	17,49229092	19,25335486	10,03497139	15,2493823	180,1925266	20,01991763
ENSG000000101493	USP16	21,45195067	10,6621349	48,582956229	44,45545825	63,09208731	9,073382342	12,70857071	4,630676974	5,505308852	180,1752562	20,01694736
ENSG000000227500	SCAMP4	15,27784578	19,13890656	2,168203863	14,55398902	32,2386609	28,03596631	34,06810339	10,60113844	23,24790934	180,1307236	20,01452484
ENSG000000213853	EMP2	25,27242207	8,925669906	21,39791331	6,061942891	63,29729483	26,82180451	28,32218659	0,26734183	19,71880576	179,9835817	20,019837575
ENSG000000113212	GMNN	26,05896013	22,20077141	16,95274432	63,1260298	0,145039395	21,30838586	9,982897982	16,94878436	3,227546111	179,9520579	19,9946731
ENSG000000123114	OASL	23,02964625	0	112,9334321	0	0,204218108	8,255431027	14,34150511	11,93320984	9,722991244	179,9379222	19,98659136
ENSG000000138010	TACC3	11,58846	12,7172931	18,33543447	17,75197706	34,93974626	24,03093942	24,2465833	13,17387266	23,06653983	179,8508461	19,98342734
ENSG000000153922	CHD1	10,68502454	16,08286788	8,549546016	16,42562789	19,40458747	17,89933021	23,28804727	17,25465546	40,11892818	179,8149749	19,97941466
ENSG000000161677	JOSD2	25,25163433	14,69999076	8,996713904	9,479143727	33,91929231	23,32186411	30,08304526	17,67846761	16,44876749	179,7889195	19,97654661
ENSG000000054219	LY75	36,10864744	23,57091517	0,03157071	23,26336798	36,46236035	14,92347266	11,21466795	13,58515769	20,4621557	179,6127755	19,95697506
ENSG000000198276	UCKL1	31,78778096	23,32035605	0	14,25516031	46,45413735	12,50189589	21,39101736	8,19602224	21,64805644	179,5544266	19,95049184
ENSG000000145476	CYP4V2	22,23260879	10,02066449	52,59621408	43,38675118	2,79440291	13,26673087	12,05757204	11,26598616	11,81639904	179,4553034	19,93947816
ENSG000000162430	SELENON	10,11733294	8,491264423	27,22582738	13,9553156	15,1087679	26,79487712	30,02660286	10,83759608	27,61844948	179,4162497	19,93513886
ENSG000000117921	CTBS	30,79308283	23,39571821	16,15603979	18,51456699	10,40995472	21,96508645	16,64734719	23,97008761	17,55544737	179,4073312	19,93414791
ENSG000000149559	HIRIP3	26,90852187	25,03386264	0	32,52560101	0	15,70051756	28,72635431	23,53642302	26,94798212	179,3736255	19,93102917
ENSG000000039650	PNKP	19,18399423	20,23601893	33,08850023	11,48228711	0,079013761	22,66896989	27,57862743	14,0316549	30,94864564	179,343832	19,92709245
ENSG000000215813	SLC48A1	17,47369791	10,26276385	55,57338298	27,6765313	0,073110249	26,68350073	24,36862718	6,65981722	10,51818672	179,306182	19,92106868
ENSG000000182362	YBEY	0,167714285	33,03414208	0	28,38138458	67,35945023	9,759445688	10,72276977	8,80180868	21,03932894	179,2659443	19,91843825
ENSG000000116991	SIPA1L2	13,5802621	0,10527582	30,77753746	44,26380584	0,046998762	22,371641	9,892105955	9,254416627	40,0831133	179,2064608	19,91782898
ENSG000000111880	RNGT1	14,01005869	8,217921745	35,68518618	14,13313953	0,069220806	16,403145903	25,82928192	27,89713581	27,33247812	179,2065818	19,91716465
ENSG000000072736	NFATC3	28,65712616	6,48583307	6,408126288	39,4595094	23,53064069	26,74931895	26,68602383	14,18399521	19,09960285	179,1966185	19,91073539
ENSG000000137496	IL18BP	30,78407739	29,52477262	6,494561646	34,10322399	0	20,72443012	25,62810621	9,019495482	28,07258362	179,154257	19,90602856
ENSG000000166876	ANKRD49	25,55403385	4,650838854	5,347456966	22,79375212	2,151760739	21,45169866	20,06100862	37,09703754	34,81325583	179,1512397	19,9056933
ENSG000000213903	LTBR4	29,78210505	8,467642108	34,61521501	17,7657855	54,93332171	5,276439393	11,098939	3,330247601	31,81882316	179,089464	19,89882934
ENSG000000038219	BOD1L1	24,55951653	16,80324978	43,25147423	11,71262778	0,067151466	10,06215955	13,87435143	20,14438494	32,58348118	179,0587964	19,89542183
ENSG000000110395	CBL	12,91994279	12,42497854	3,575382874	41,0516949	14,34634816	22,30041653	24,37800914	17,59127808	30,53645157	179,0245026	19,8916114
ENSG000000141510	TP53	10,98955419	20,22379009	18,13126173	37,02038764	0,063135995	26,92254963	23,18377618	13,01289364	29,43876874	178,9955686	19,88839651
ENSG000000044735	ARAP2	11,39285234	22,81642399	32,48301325	20,8644778	17,85003951	25,60495389	38,10354351	9,825473979	178,9407783	178,8823087	19,8839651
ENSG000000160551	TAOK1	11,41735371	19,9235442	36,02700556	41,74900051	0	10,45490678	12,25146116	23,76093092	10,31021343	178,7921403	19,86579336
ENSG000000153446	C16orf89	0	26,07476634	0	49,23301408	0	15,33087574	24,46276913	43,48243946	20,05020535	178,6340701	19,84823001
ENSG000000171750	FAM210A	19,33672972	41,70206709	4,513242368	14,9498145	32,29833056	12,2803249	13,29486692	11,6474479	28,8653169	178,4824329	19,83158134
ENSG000000157657	ZNFB18	10,1429187	2,788842066	19,7027497	18,19307797	69,21712856	29,35070584	8,554795364	1,27286043	19,203902	178,4810806	19,83123118
ENSG000000172795	DCP2	8,46413898	6,166114354	26,36532793	28,90457217	0,739057219	17,16772244	18,05263904	27,1715616	43,53491368	178,415097	19,82389966
ENSG000000186665	C17orf58	18,03740535	20,03231136	32,25311666	0	0	17,17271412	22,46526395	48,26882427	20,16698489	178,3966188	19,82184653
ENSG000000145354	C1SD2	14,60672078	23,55529535	34,13483583	12,69346775	24,70629188	17,47389418	20,18744951	10,92431662	20,1001423	178,3824861	19,82027624
EN												

ENSG00000112339	HBS1L	0,326754996	32,27657556	0,125227543	53,97843965	0,064711693	24,47027787	13,48644978	21,822555	27,42739017	173,9783823	19,33093136
ENSG00000101152	DNAJC5	41,99872683	12,59660154	1,456755151	31,74391419	1,881956052	36,0202637	15,02919942	14,90449762	18,29595185	173,9278663	19,32531848
ENSG00000119508	NR4A3	0,143595728	5,435884702	39,93157286	57,93963167	3,469459944	19,70746477	19,70746477	6,018367954	21,2808102	173,5851692	19,31757435
ENSG00000108876	MTF1	40,59122351	9,196508702	4,210236074	15,97161129	43,96256808	17,09155146	12,21879062	14,72458546	15,6791283	173,6462046	19,29402273
ENSG00000107443	CN3N	30,45526448	19,8456109	69,690711	1,088903893	0	8,119538831	11,40364396	26,0490253	3,942742035	173,6009085	19,28899783
ENSG00000112715	VEGFA	19,11002643	26,25491277	2,638990615	18,56976086	46,51033793	12,2556077	14,58937129	9,638969235	23,97936559	173,5482424	19,28313804
ENSG00000106138	TMEM134	17,13201989	19,06848236	7,029707187	10,05023171	0	35,73328612	22,31719415	15,5907688	39,6197757	173,5386678	19,2820742
ENSG00000106298	PEX13	20,27591921	4,310235196	21,63635288	19,55908524	0,303821948	23,74963585	13,18393844	46,46211939	23,89904517	173,3801533	19,26446148
ENSG00000105067	GCDH	7,438476367	14,27142579	27,57573696	18,202154316	51,77681708	21,30884668	14,62726925	7,678764133	19,82901615	173,3541236	19,26156929
ENSG00000178096	BOLA1	14,58356637	27,16291308	28,15951721	17,50282513	0,245802562	17,14749971	24,47573212	30,30679812	13,73814128	173,3227956	19,2580884
ENSG00000206053	JPT2	18,69866541	16,19649665	0,408108367	68,35314247	0,075318277	19,31215815	22,78886483	8,524213885	18,9432487	173,3002167	19,25557964
ENSG00000163960	UBXN7	18,36651108	15,61598738	5,783528333	3,990469959	72,16196726	10,5473515	16,96811372	11,92819724	17,91212147	173,2742479	19,25269422
ENSG00000105176	URI1	5,020376889	16,53739208	5,867788433	51,53561539	0,329586584	26,73815829	18,60866892	19,59074253	28,89353971	173,1218688	19,2357632
ENSG00000138621	PPCDC	27,44167963	16,44604267	38,4724457	12,24654814	33,80493132	8,450378707	10,43913162	13,12926682	12,63756351	173,0679981	19,22977646
ENSG00000138796	HADH	20,27977376	18,90261328	0	50,97364513	28,37640683	14,63351603	13,46475431	16,29480409	9,964301376	172,8898148	19,20997942
ENSG00000116138	DNAJC16	14,55870849	16,47111774	70,15239915	3,961409167	7,968274325	17,24400482	15,34128665	18,79267014	8,399229723	172,8891599	19,20990665
ENSG00000164941	INTS8	21,88087211	31,77702027	21,91045784	25,11159112	0,091308808	12,14905825	24,7718568	7,435407888	27,47768947	172,5989446	19,17766051
ENSG00000112249	ASCC3	6,943022555	14,58312131	22,89052729	48,22325675	7,324211851	27,32411851	17,25203695	0,507017493	27,18654008	172,5923478	19,17692753
ENSG00000169439	SDC2	0	34,86371255	54,31638665	0,063892011	38,83355698	3,04683968	15,05398205	12,62188848	12,78718726	172,5874446	19,17638274
ENSG00000100395	13MBT12	40,01798608	6,520553815	49,8044043	23,53900383	21,97299051	14,18595298	14,3501525	6,843012694	15,10331009	172,5616753	19,17351948
ENSG00000138468	SEN7P	3,780126846	28,04674766	19,86193015	27,53796666	34,30594409	11,98415986	13,496496	28,36281701	5,143032277	172,5189505	19,16877228
ENSG00000162702	ZNF281	19,38660641	15,11893606	17,26372831	38,59385528	1,173826492	21,56551211	10,73995283	24,7741545	23,84302666	172,4505988	19,16117764
ENSG00000180354	MTURN	3,30465219	17,80300882	2,405428799	22,86670561	72,77271783	11,43310771	12,27856301	18,40368737	11,1402651	172,4081364	19,1564596
ENSG00000132825	PPP1R3D	22,6839944	0	14,26908551	62,99097161	62,99097161	22,62463943	10,02247231	23,03808072	12,75367295	172,2150075	19,13500084
ENSG00000100196	KDELR3	0	35,6027538	0	77,20292505	0	5,203677262	38,30354098	0	15,83532835	172,1482254	19,1275806
ENSG00000186818	LILRB4	14,4949615	15,63596682	15,24321971	16,98881314	29,96429557	26,08739314	24,32871324	15,19539493	14,09708134	172,0358394	19,11509327
ENSG00000137542	MOB1B	20,01987563	31,41170345	37,2071988	1,571361624	0,530454272	33,70618238	21,38455835	1,57689488	24,45293407	171,8611635	19,09568483
ENSG00000132773	TOE1	25,50551617	41,16514166	19,92308597	10,29132851	0	22,37470882	12,87693823	0	39,7292079	171,8596402	19,09551557
ENSG00000132664	POLR3F	0	15,97398951	2,603785116	44,87416761	0,134551346	20,88645701	7,85071017	53,60740642	25,9029248	171,833992	19,09266578
ENSG00000149480	MTA2	20,88808405	5,852430417	3,653340893	22,47433365	7,248089332	29,28743767	25,05873094	37,99881204	9,333761034	171,79502	19,08833556
ENSG00000107915	MTAP	0,216335821	25,81610523	24,97244268	23,65910054	13,23876409	17,15133836	17,99276295	29,13280188	19,00148766	171,7451392	19,08279325
ENSG00000140598	EFL1	1,765310405	12,81477273	65,42097487	14,45596951	0	22,06032732	24,75827099	0,140371524	30,23756076	171,6631848	19,0736872
ENSG00000172071	EIF2AK3	54,25615371	43,87332543	0,050819031	2,089828498	0	16,40097166	18,35032278	4,228595928	32,10793971	171,5780109	19,06422344
ENSG00000162227	TAFL6	12,49896804	11,609379	26,76512746	75,20553643	53,25846589	12,22216849	13,82403335	16,0145945	18,13429717	171,5775744	19,06417494
ENSG00000134086	VHL	29,77563669	24,56748446	1,451593206	4,521303856	0	41,86160528	29,30519978	16,70604388	23,77609192	171,5655763	19,06284811
ENSG00000175395	ZNF25	35,19744014	53,66619311	0	7,642505804	0,168718601	12,5105227	14,7664168	20,48208054	17,4641939	19,0515771	19,0515771
ENSG00000126602	TRAP1	9,854403412	39,37026087	8,688554126	13,24057463	0,068287583	23,49572898	34,44805758	19,50858145	22,62572941	171,3011778	19,03346423
ENSG00000127452	FBXL12	0,001919366	12,05856574	12,31013827	21,85655125	31,80649706	15,83355315	26,05889147	15,65395479	14,67377278	171,2611182	19,02901313
ENSG00000173281	PPP1R3B	4,661330508	26,68335344	0,096989397	66,48430339	0	9,483908881	16,42178796	26,72039723	20,50260494	171,0540123	19,00600137
ENSG00000188917	TRMT2B	24,59506206	0	92,75143623	10,81062287	0,088561663	11,865368	17,11099719	0	13,79526589	171,0173139	19,00192377
ENSG00000100852	ARHGAP5	13,60106165	1,994810985	0,10213275	22,40762319	47,39639129	15,29888125	24,92582	22,09371465	23,17960489	171,000035	19,00000389
ENSG00000119729	RHOQ	15,52505863	14,19182441	15,01542565	21,44671024	28,28665573	12,83585875	11,81655524	37,39507014	14,46501574	170,9781745	19,99757495
ENSG00000048412	NR16P	59,09221663	16,64248848	18,0657926	12,97424251	0	21,21707586	13,15202642	7,389172719	17,79243435	19,06111495	19,99568328
ENSG00000240682	ISY1	27,84972975	21,89848124	9,30306622	17,49320283	31,16671016	16,54252215	11,50093731	13,21093834	22,24540284	170,9209312	19,99121458
ENSG00000066926	FECH	11,35224191	22,58971022	19,94337022	29,86533453	18,34202581	20,0484377	18,65176846	30,43674539	23,91937114	170,888937	19,98765486
ENSG00000188010	MORN2	0,110784876	39,7101789	35,66460214	27,35680605	0	20,31309847	21,06503374	7,994384698	18,6664029	170,8805718	19,9867302
ENSG00000187037	GP141	8,627420124	4,755113323	21,88251644	2,370084112	59,49049253	17,07902995	21,59913155	14,4350741	20,57816164	170,8170238	19,97966931
ENSG00000189079	ARID2	22,39277115	7,720785705	26,56520059	6,628085157	63,26007345	18,99886134	10,1530684	0,328083304	14,71455098	170,79348	19,97705334
ENSG00000179151	EDC5	49,82580813	14,33181844	0,109247435	10,56055693	14,81915581	23,70151096	26,134516	0	31,11441088	170,7015246	19,96683606
ENSG00000105427	OPN3	29,41867984	13,53670677	13,21226571	32,51176912	0,192866564	17,10785753	24,86495838	17,12509977	22,65696085	170,6271105	19,95856784
ENSG00000127054	INTS11	0	33,71411358	21,04581191	6,232536301	6,791777458	5,532844829	3,731880087	93,36749609	0,167504752	170,5891647	19,95435164
ENSG00000155636	RBM45	21,41652248	22,08420122	13,08738422	19,69494828	6,325138284	16,0454927	23,23185466	25,32527707	24,48561485	170,5800285	19,9533365
ENSG00000171103	TRMT61B	33,57667179	8,015114133	0,232424832	19,68011828	65,46801255	6,069053287	12,69390483	14,29764956	10,37228709	170,5551817	19,95057575
ENSG00000117593	DARS2	26,42973077	13,90077229	0	25,0315528	0	13,98664745	26,56518173	37,30196426	27,28270167	170,4985276	19,94428084
ENSG00000178028	DMAP1	0,060948066	15,53767169	27,09539819	57,18257712	3,331421138	12,55816815	22,38493285	11,55054955	20,78841591	170,4900919	19,94334355
ENSG00000102013	ZNF580	24,02007642	29,30932382	0	0,046603853	33,22430558	22,52045692	13,96106748	25,2001358	22,20598799	170,4879573	19,94310636
ENSG00000130155	NF1	21,122983	24,30165592	10,35486544	14,52978929	18,34202581	13,82588139	26,83831602	10,40538961	30,68894185	170,4098475	19,9344275
ENSG00000089195	TRMT6	6,231363739	27,00557812	21,6858382	70,1473987	0	17,4550382	6,898712412	30,0474486	27,41273049	170,3751634	19,93057372
ENSG00000095319	NUP188	2,499403793	8,370058702	10,0943591	30,24392443	0,089321612	30,80518481	21,8609545	22,10841902	44,28329022	170,3550962	19,92834402
ENSG00000166411	IDH3A	22,21367468	17,29187748	27,29688793	6,50134388	0	28,54741566	23,59349787	16,36917541	28,51843893	170,3233232	19,92581693
ENSG00000147168	IL2RG	20,2575765	14,28147609	17,92770704	10,30504066	33,82991341	21,03938473	15,6837915	8,80586857	28,617671	170,3231428	19,92479364
ENSG00000179175	PCID1B	21,135634498	23,7620107	7,37755492	10,0334							

ENSG000000091592	NLRP1	12,15921387	13,74910615	42,87965574	5,6734706	14,17164758	20,2381931	16,57256654	12,44574642	28,77900692	166,6686069	18,5187341
ENSG000000115145	STAM2	16,70333787	11,91126653	4,202373332	12,97743306	12,77262806	30,65526004	30,07140188	11,50864196	36,01187777	166,6322205	18,51469117
ENSG000000157426	AASDH	34,31969772	1,843692308	79,73859737	7,34475326	0,077163202	23,81355076	3,828273989	3,976006829	11,66033178	166,6020673	18,51134081
ENSG000000100319	ZMAT5	32,48877269	22,37309813	4,864651732	0	0	29,55282148	27,1329593	27,88041663	22,30158267	166,5943026	18,51047807
ENSG000000011028	AC080038.1	0,04585361	1,423906843	34,16232441	16,15255191	0	35,14501966	37,65442523	0,100268417	41,81671274	18,49955806	18,49955806
ENSG000000128694	OSGPEL1	37,36644309	31,73100978	1,551661172	19,88145355	0	27,64404529	25,10807369	18,81346686	4,356993545	166,453147	18,49479411
ENSG000000135968	GCC2	35,46240391	12,41585078	12,03422233	23,72014347	3,163435661	21,8599239	13,19696234	19,60415895	25,94183499	166,48989375	18,48988195
ENSG000000178764	SHL2	21,00548916	0,180648102	0,062425353	18,6926245	108,2272045	5,476949197	8,650211526	3,561836793	0,542556606	166,3999458	18,48888287
ENSG000000171984	SHLD1	54,01251977	14,11273685	44,1460386	0,953368328	0	26,19640685	25,26633688	0	1,701112332	166,3905196	18,48783551
ENSG000000104998	IL27RA	78,88484028	5,635526782	2,167302467	12,91406993	0	13,83525487	15,01390752	12,20927724	25,84052019	166,3006993	18,47785548
ENSG000000151092	NGLY1	22,68576439	12,64056328	0,604815881	27,62952227	15,62701744	28,2567391	18,13882716	12,14216228	28,52956404	166,2549758	18,47277509
ENSG000000180667	YOD1	0	12,50040914	44,58935494	48,33759382	47,80156828	0	7,638663058	0	5,386442679	166,2540319	18,47267021
ENSG000000186352	ANKRD37	35,61460853	28,68274391	5,552199048	13,78218463	6,057020244	15,464368	18,71195364	18,03970342	24,33409857	166,23888	18,47098667
ENSG000000103319	EEF2K	27,19237542	10,38507622	4,60415357	22,6165308	42,84366196	13,9050832	19,18774193	8,394601715	17,10343462	166,2326594	18,47029549
ENSG000000130881	LRP3	22,47154951	5,467167604	8,475637137	6,833313963	23,10819951	27,3435211	27,76494627	27,13445102	17,4861206	166,1759067	18,46398963
ENSG000000011523	CEP68	0	4,882093704	28,8521615	7,323004042	49,8091825	20,56806291	22,23340685	9,081873188	23,4059287	166,1557134	18,46174593
ENSG000000138642	HERC6	0	19,07034421	21,88139567	65,26752601	0	11,85689259	10,89445486	27,721595	9,431879432	166,1240878	18,45823198
ENSG000000165355	FBXO33	21,72729202	30,96890476	0,14429281	18,82686814	0,093204657	28,72108867	36,14639723	5,917463057	23,49007432	166,0355857	18,44839841
ENSG000000131023	LATS1	30,16161296	8,620203253	13,21323592	27,32710176	36,57991923	7,971209997	24,68922807	9,533262958	26,26187314	166,022535	18,44694833
ENSG000000174013	FBXO45	0,05057248	8,839353082	0,18604323	28,29415387	52,04079513	0,580325622	10,91776651	27,37033315	32,65375642	165,9331206	18,4370134
ENSG000000130695	CEPB5	12,39429754	9,381061228	0,054029174	23,98877415	14,23960629	23,25005361	26,60605096	25,56131348	30,45065467	165,9252977	18,43611449
ENSG000000196453	ZNF777	0	12,341971	37,33276235	0,246785915	67,47605777	14,74993147	16,0991252	0,83337848	16,81524335	165,8962555	18,43280617
ENSG000000170088	TMEM182	3,977375068	13,27279199	32,51564505	23,78193444	33,77187424	15,6101289	20,71455786	17,45961474	14,78449058	165,8884129	18,43204587
ENSG000000134215	VAV3	38,32574424	0	4,22334937	5,071553024	26,0788771	1,135440574	16,8301294	44,63897382	19,45970292	165,764705	18,41829672
ENSG000000133243	BTBD2	27,30362599	6,631371806	32,92361872	10,53573249	39,39176272	8,010823606	14,90276824	13,23072461	12,81915783	165,749586	18,41662607
ENSG000000145730	PAM2	15,56203141	22,4007391	29,79031583	13,03789948	0,040596602	10,67184243	22,31119514	44,22728132	7,647313374	165,6892144	18,40991271
ENSG000000167657	DAPK3	18,01064283	10,72872017	2,976400045	16,10165101	0	32,583734	46,17195086	9,310638702	29,79618799	165,6799076	18,40887862
ENSG000000137700	SLC37A4	14,26585407	9,49290301	0	0,042181535	0	27,67585312	32,79753101	52,29476909	29,08170604	165,6535279	18,40594754
ENSG000000152689	RASGRP3	9,939080236	0	2,379213797	27,30968894	46,70632842	28,63188388	28,248042	1,752234659	20,64385037	165,6103223	18,40114692
ENSG000000072858	SIDT1	18,88819544	19,42865112	45,87016522	0	14,82605378	0	14,18267833	12,05158912	29,18975336	16,80919538	18,37517148
ENSG000000123080	CDKN2C	0	30,29702519	0	39,68494147	0	45,79307833	23,946624	15,65677374	9,97587076	165,3542986	18,37269998
ENSG000000152818	UTRN	12,80983854	6,609909616	60,85335363	17,06333201	1,77050555	13,88268452	19,06454853	5,113545074	21,4380981	165,3755423	18,36855852
ENSG000000171475	WIPF2	33,3920318	18,78281399	0,71848539	20,65507678	49,5593703	7,945243671	16,12594197	5,613685869	12,44620314	165,2390161	18,35989067
ENSG000000181444	ZNF467	16,47705836	9,148707003	55,58593827	8,945952863	0	14,18088995	11,51873255	24,98889624	25,36950708	165,2319673	18,35910748
ENSG000000156697	UTP14A	26,17721655	41,33336434	0	12,76902249	0,572209507	22,16471125	26,55537978	11,31902115	24,14595139	164,9918765	18,33243072
ENSG000000140199	SLC12A6	39,62595215	0,906605808	1,271587565	29,80093387	42,49700432	14,88179596	7,673454075	0,098578332	28,42402061	164,9891327	18,32888141
ENSG000000165195	PIGA	0	28,42194907	58,13790395	51,64209307	0	6,010682181	2,64001806	0,888686545	17,11163992	164,8529701	18,31699668
ENSG000000106771	TMEM245	12,00552256	15,01121162	11,23270104	0,466788863	32,23479571	22,10278755	15,01207697	24,13149425	32,62043556	164,8178141	18,31309046
ENSG000000114478	SLC15A3	13,72044051	2,76225227	13,96520086	16,31595248	0,16551738	25,38745343	21,74382155	21,3724002	35,71885052	164,6818894	18,29576549
ENSG000000179222	RNASEH2C	15,700569	19,13422624	34,33198635	14,3230333	0	20,751019	27,91782529	9,911093674	22,58687748	164,6584303	18,29538115
ENSG000000044047	POLC2	30,88596549	23,75941773	51,9530937	0,097146305	0	19,58066002	12,42558016	10,45679011	15,48874199	164,6573955	18,29526617
ENSG000000071937	ZNF880	18,93453238	18,45774456	0,074745926	55,70916102	0	16,32784917	19,66905178	17,14812396	18,23984421	164,5610526	18,2845614
ENSG000000027963	EXOCS	10,12896385	16,70512621	13,3284236	3,661290936	0,057587803	26,55207754	31,20662042	26,97100623	35,92655269	164,5736743	18,28196103
ENSG000000038352	CLEC16A	6,045388158	3,083322528	40,62154285	9,918154429	58,42498901	7,313154862	13,54594657	8,971313021	16,59158444	164,5330319	18,28148843
ENSG000000178996	SNX18	3,043104369	19,70565645	13,03423368	19,80737711	2,806449084	12,22449902	24,5887155	21,40326902	40,35891564	164,5702288	18,26335687
ENSG000000107144	HNRNPAA3	9,367703204	37,9123365	4,515066332	36,24457297	10,23839173	9,515176453	12,24963129	17,91017795	26,39987983	164,3533753	18,26148615
ENSG000000196505	GDPAP2	0	30,93847813	30,64222317	39,88781966	0,034244068	11,34336641	17,50387105	22,08777891	12,35196929	164,2897524	18,25441694
ENSG000000168944	CEP120	13,32227914	19,8328572	0,183576093	24,30414539	0	18,27015926	20,98422426	0,218216653	67,13425635	164,2857143	18,25396826
ENSG000000114626	ABTB1	33,5610317	10,32488286	35,85965859	24,58851101	26,663967	16,60453538	20,14048546	10,57605358	8,061904378	164,251137	18,25015223
ENSG000000145782	ATG12	9,952472456	28,7284199	11,28598575	32,87068531	6,763576133	20,15176397	13,24646089	22,21033069	19,88916761	164,1970428	18,24411587
ENSG000000096063	SRPK1	13,50336563	3,245592051	33,81288114	40,82470389	40,24778194	10,16487395	8,737174942	9,628622335	3,999088349	164,1640422	18,24044713
ENSG000000132950	ZMYF5	16,99284195	15,7603591	3,879486083	19,32851664	0,578289118	33,44037657	19,96884243	35,02996623	19,15326478	164,1319429	18,23688254
ENSG000000172985	SNX3FM3	23,01942865	2,448996382	29,98716904	23,2525171	0	28,76202657	21,05946982	7,288579122	28,53511138	164,1231327	18,23590363
ENSG000000124575	HIST1H1D	0	0	80,97318199	12,92921045	0	23,91503808	32,5921433	0	13,67339278	164,0829666	18,23144073
ENSG000000160993	ALKBH4	19,58719011	17,02859157	0	0,340498009	60,92033124	21,50559019	19,15619249	11,06718647	14,46999891	164,075579	18,23061989
ENSG000000113838	TBCOD2	24,54768541	26,19868865	0	7,67907518	6,658153375	31,10212989	20,23476808	23,14403386	24,50242254	164,06696	18,22966271
ENSG000000146540	C7orf50	28,6016581	20,26874623	24,59852116	12,4949978	0,072388136	16,62115634	22,58516559	11,85594699	16,40818358	164,067212	18,21857791
ENSG000000118939	UC01L3	13,96087162	22,66186982	5,253167225	32,46277637	25,82630095	21,86013373	11,85546444	16,82527717	13,26778322	163,9736446	18,21929384
ENSG000000088854	C2HOL194	1,415389961	1,663918277	2,571177593	52,8622453	0	23,52390919	25,32617403	18,91845258	37,68717764	163,9286514	18,2142946
ENSG000000124275	MTRR	21,20850115	47,12498678	0,042779332	5,82264871	0	27,198395	30,81727453	0,101703668	31,46063012	163,8983636	18,21092929
ENSG000000204120	GGYF2	1,295297825	4,017333186	1,139602374	41,34971348	49,19466065	16,57127108	15,30969987	25,02396546	14,1850665	163,8084094	18,20093438
ENSG000000196510	ANAPC7	17,87978295	2,92193144	0,046260626	19,62756993	40,84292667	20,84581218	15,72294225	7,688592021	7,855719197	163,8016273	18,20

ENSG00000005889	ZFX	3,661969124	11,77961426	18,48689161	20,99144921	17,36575921	22,74684127	20,45123371	38,31973296	7,300599248	161,1040906	17,90045451
ENSG000000151779	NBAS	12,09289914	11,02897687	9,134475143	3,149768331	0	16,8006016	32,12837047	62,34196378	14,39495429	161,0720078	17,89688976
ENSG000000158793	NIT1	19,0480936	19,57705167	15,89923075	13,3424842	0	19,54718708	24,125033	24,125033	18,6302714	161,0626247	17,89180718
ENSG000000139405	RITA1	28,53365475	18,58064964	31,06057407	14,80401978	0,155529468	14,44626708	12,33510843	8,300218673	32,75858646	160,9709503	17,88566115
ENSG000000074416	MGLL	26,99814989	12,35593991	14,52122903	14,51222903	0,83855221	4,186620173	1,23892555	18,57282656	7,073743062	160,9503575	17,88337305
ENSG000000162654	GBP4	48,30321612	0,96061293	0,678993891	42,788067	0	12,15759899	25,21560102	20,60844152	12,83161137	160,8441337	17,87157042
ENSG000000095096	NUPB2	15,76168475	21,13915101	5,11344026	14,39968629	29,03719768	18,2077299	24,55130006	7,013486686	23,89249123	160,7296015	17,85884461
ENSG000000144357	UBR3	2,567813533	9,939080397	27,37536302	39,67311052	0,036866927	9,447158944	17,29378421	37,7620742	1,608453513	160,6786069	17,85317854
ENSG000000171049	FRR2	38,22576367	2,293076415	88,26347419	0	0,198133816	9,382529165	14,12190219	3,737328902	4,306512516	160,9287209	17,83652454
ENSG000000197063	MAFG	17,18410611	8,64644114	38,24149043	19,66596355	3,631602699	15,28998446	20,03790648	14,12275198	23,54552391	160,3657708	17,81841897
ENSG000000165171	METTL27	5,419137707	13,31463725	0	9,357668055	67,86083214	12,35747744	21,11362828	17,54721496	13,3296816	160,3002774	17,81114194
ENSG000000154144	TBRG1	14,25571421	10,98051796	43,55215807	5,944430588	0,050191131	26,7822105	21,62193143	17,73401453	19,37687011	160,2980385	17,81089317
ENSG000000115421	PAPOLG	51,79899819	4,8701334216	5,376664257	19,11081722	0,63530642	16,45604376	19,87341147	11,14568774	31,03652265	160,2945769	17,81058055
ENSG000000222989	ZNF688	6,998173964	12,77289051	19,21860426	2,675813501	43,711659133	10,2630757	18,88488292	19,56592378	26,12794309	160,2238991	17,80265545
ENSG000000115825	PRKD3	10,98959148	9,397010741	9,76892187	2,801917923	71,5851251	19,38646625	8,536979833	10,61235579	16,98090051	160,0562695	17,78436328
ENSG000000126767	ELK1	27,74955741	19,25445792	0	25,41773884	28,42925806	11,66940195	14,25295708	6,807068783	26,47137045	160,0518105	17,78353545
ENSG000000138032	PPM1B	5,848755374	16,83199606	0,312996593	25,30389831	32,57994997	19,3114774	16,05243234	22,32351758	18,72851653	159,9935402	17,77706002
ENSG000000196387	ZNF140	0,084356478	11,47611835	25,55306455	12,7699848	57,80362377	6,79202212	8,498548725	18,99968019	17,94833665	159,9257326	17,76952585
ENSG000000179833	SERTAD2	24,66324902	3,205395283	4,65220121	25,95209183	43,78784187	10,41899382	13,77893828	7,215418513	26,251201118	159,889331	17,76548122
ENSG000000104833	TUBB4A	0	109,5884696	0,863292233	0,648285651	46,50683701	0,206100095	0,155863766	1,539291464	0,288581556	159,7667214	17,75519126
ENSG000000118482	PHF3	14,86643791	8,371363271	24,83017458	14,28127439	1,487960524	16,88201667	25,99356464	27,00024217	26,07366896	159,7867031	17,75407812
ENSG000000179094	AC129492.1	15,2362272	19,2241194	23,7803598	18,48382568	12,25779672	19,4059929	20,21287268	10,28773718	20,88849086	159,7774224	17,75304694
ENSG000000163104	SMARCAD1	0,263300535	0	17,43705357	49,97154828	0	24,04691552	12,20319719	12,24801026	43,59871685	159,7687422	17,75208247
ENSG000000174106	LEM03	0	24,80481751	0,797361345	3,087434264	33,220626	20,39595233	18,33243467	31,87052059	26,68753394	159,74093266	17,74892518
ENSG000000105011	ASF1B	0	20,50408581	0	47,5759873	8,803698689	43,04523645	14,54635616	0	25,24779107	159,6241569	17,73601473
ENSG000000106266	SNX8	14,61173518	5,689273741	17,79072633	12,661101877	20,1730376	27,29589662	26,2739647	13,79205151	21,33194864	159,6180849	17,73534276
ENSG000000187808	SOV4HD	27,60224046	0	16,96481259	0	32,05207426	40,63218801	5,933499974	36,36377773	159,5458593	17,72762145	17,71816127
ENSG000000153208	MERTK	0,225058297	0,114102979	0,650591721	2,20273188	31,09805101	38,65363436	55,90103728	29,8094163	6,790836265	159,4634514	17,71816127
ENSG000000147679	UTP23	20,2575765	0,255665523	41,71821852	5,325232147	0,273926424	12,22133459	18,85404684	39,25643317	21,05126511	159,4026898	17,71140998
ENSG000000125875	TBC1D20	15,31613755	23,4929428	0,429792285	7,620502608	0,246737779	22,26012032	38,62615271	43,59624598	7,69438439	159,3205025	17,69811694
ENSG000000154930	ACSS1	22,11628649	16,50626741	19,54272701	39,39049312	0,89501854	14,08836792	23,11333581	11,40609484	12,29567497	159,2479399	17,69386599
ENSG000000177030	DEAF1	46,56866643	17,82794969	5,61954378	18,75543393	3,065244072	19,04319512	20,48897829	0	27,84358274	159,2125941	17,69028823
ENSG000000145919	BOD1	15,72508416	17,90377603	0	8,663351486	0,53387147	16,27863934	36,87012234	25,54400026	27,62832134	159,1471685	17,68301872
ENSG000000165501	LRR1	8,098736467	39,14055339	0	22,51203702	0	40,55591875	6,615211404	0	42,10901594	159,031473	17,67016366
ENSG000000095574	IKZF5	3,73641865	16,41242076	0,394377927	0,26442539	8,006268678	26,49727086	18,20769309	57,32711589	28,17454371	159,020035	17,66894833
ENSG000000135070	ISCA1	9,90508013	8,412944943	0,085506029	29,81495808	0	21,99552709	19,2971904	58,34171689	21,15140364	159,0091951	17,66776834
ENSG000000102189	EEA1	32,15752046	21,37210621	13,03630809	19,1009543	0,495334541	15,83914767	16,094815	23,76524476	17,11985205	158,9812831	17,66458701
ENSG000000173041	ZNF680	0,271732729	6,50947132	35,69102512	12,89808804	0	5,101727858	8,821956449	60,60839037	19,04918498	158,9515769	17,66128632
ENSG000000169955	NITF47	18,92721325	2,111890753	31,00438604	19,49056975	0	16,14424565	22,34621513	22,33119791	26,58322968	158,9398472	17,65988313
ENSG000000105053	VRK3	27,730635211	13,769824	43,81840458	12,20094113	0,073326706	17,49725633	23,63376851	25,90849902	19,18232098	158,8149764	17,64610848
ENSG000000136111	TBC1D4	0,018943283	4,168184532	0,0348477	37,4867094	4,862065259	39,35098547	37,46436245	12,21909961	36,01839331	158,8073983	17,64526648
ENSG000000175387	SMAD2	20,70064645	17,12233832	18,48316586	7,392656174	59,18252366	11,7967494	6,978611229	9,325392172	7,806104955	158,7881881	17,64313201
ENSG000000129158	SERGEF	21,96051691	12,98355123	40,46182132	22,2646002	0,106028209	16,06692328	20,67093152	12,97543474	11,30333144	158,7831409	17,64257121
ENSG000000104824	HNRNPL	6,203043511	9,709877441	23,80008471	27,19905687	0,263244057	18,65612261	25,86296537	29,30844647	17,628309619	158,6311507	17,62568341
ENSG000000104964	TLE5	20,12627584	9,919938093	6,296264983	20,7342343	37,95881912	24,92729691	15,98574445	10,22862761	12,31295912	158,5983203	17,62568341
ENSG000000104381	GDP41	63,69613655	19,52169053	31,23234518	0	14,04425662	21,98517663	0	7,888845467	158,368478	17,59649755	17,59649755
ENSG000000196821	ILRUN	4,648534365	14,25848473	2,260000805	48,40734515	0,157819179	8,39168341	22,27642897	27,8084903	29,8922554	158,2810513	17,58678348
ENSG000000088247	KHSRFP	11,82258903	8,81466141	17,42325407	28,76085015	27,62442633	16,61560965	20,48551333	12,09348516	16,66244752	158,2497367	17,58330407
ENSG000000130311	DDA1	4,079623506	23,35223166	14,94907129	4,828972968	23,69096785	21,27614406	22,94689285	23,54454164	19,65014152	158,2423625	17,58248472
ENSG000000188706	ZDHCH9	16,01584929	0,153428571	0,053019283	5,773171882	7,1713917	19,96749455	17,80467805	11,34431092	14,42676608	158,1548908	17,57276565
ENSG000000117133	ID3	0,3930219219	24,55578477	0	22,67483068	0,240051833	27,61479519	18,11603742	60,299891	4,348013556	158,1524335	17,57249261
ENSG000000168301	KCTD6	0	9,384101105	82,42118943	0	0,23273982	15,9136522	20,49159019	13,2773449	16,38051006	158,1011277	17,56679197
ENSG000000113597	TRAPPC13	12,94084017	13,04817601	0	41,68167025	46,84834675	12,4414528	5,678734151	17,57541162	17,86721483	158,0818466	17,56464962
ENSG000000171552	CLDL21	18,42144555	15,85873024	20,55073152	16,06227961	1,842184134	20,32579787	25,2530813	10,96795487	28,1517665	158,0639716	17,56266351
ENSG000000145391	SETD7	19,37155363	18,38225554	17,363722747	17,69315226	1,632722747	20,44679728	6,620353855	12,67979279	12,9702562	158,0313818	17,55707902
ENSG000000100311	PDGFB	14,26329502	7,557312419	30,67315636	27,3353842	17,76013371	18,35118317	19,88309436	4,041475699	18,13498369	158,000186	17,55555763
ENSG000000122707	RECK	37,3367113	3,322283715	10,09983144	33,12641893	27,79037968	15,52135178	10,97217664	4,450092726	25,19539691	157,8176998	17,53529998
ENSG000000105676	ARMC6	41,91714744	13,56592054	0,068603183	10,81862679	0,177254463	18,17973743	30,81021232	13,0477618	29,21624745	157,8015114	17,53350112
ENSG000000145882	PCYOX1L	12,81149399	22,86688691	28,21689033	22,07944561	0,118932784	10,11013284	18,17958942	23,4187771	19,9110283	157,7313773	17,52368636
ENSG000000118496	FBXO30	20,6355834	4,591979893	24,96937581	61,95439846	0,039677112	10,13684111	10,89599834	0,438096874	24,02391329	157,6858634	17,52065149
ENSG000000086619	EO1B	14,17806697	30,0102966	0,518522848	47,836323617	73,88670942	12,90518756	15,1191633	2,958563559	0,173331955	157,5861658	17,50957398
ENSG000000117643	MAN1C1	37,14982897	19,3991498	17,18512023	0	0,11936						

ENSG00000119812	FAM98A	0,092159323	0	49,16501039	9,070925118	0,146012418	18,98915525	19,3090143	19,48079378	38,27252024	154,5255908	17,16951009
ENSG00000169026	SLC49A3	19,31746327	20,1816407	31,18587442	36,12907196	15,31096094	17,1786158	10,12299545	5,060873526	154,4874961	17,16527734	
ENSG00000111203	ITFG2	0,072475094	18,39055444	44,30793904	12,3620897	14,23839337	12,6040428	11,39362887	10,19566291	14,5452013	17,15613348	
ENSG00000104449	RCN1	13,70500149	11,06981947	5,113644602	21,80309255	44,7072534	11,81780151	7,434284912	29,47405661	9,30226443	154,224519	17,13605766
ENSG00000149345	PDHX	0	32,80460639	0	2,645301585	2,922239632	29,38735215	41,37851374	18,63088519	26,78957848	154,1284772	17,12538635
ENSG00000169131	ZNF354A	27,04190507	35,94396784	0	6,121218761	0	14,90081587	19,76241824	4,872359575	45,40285346	154,0454488	17,16116098
ENSG00000100106	TRIOBP	8,030150057	15,12889093	17,16573844	11,89764195	28,06618155	12,17729754	19,29386683	23,50133979	153,8439691	17,09377435	
ENSG00000170707	KDM4C	5,811382016	14,80586458	21,9195777	8,771135928	34,96203914	9,00028315	15,27813691	30,88921415	12,35016122	153,7877948	17,08753275
ENSG00000174903	RAB1B	21,8529133	15,12595898	20,81286895	13,91653198	25,59863507	18,33685726	16,34331504	10,33687109	15,72547492	153,790566	17,08343962
ENSG00000065970	FOXJ2	0,143983393	34,32149469	0	16,94813476	0,057029942	35,7272895	28,09483375	13,64347905	24,7618282	153,6980733	17,0775637
ENSG000000059588	TARBP1	0	0,034293644	0,035551874	33,50539896	54,19602251	8,190495282	20,02647069	19,14399016	18,49195477	153,6241779	17,0693531
ENSG00000102034	ELF4	47,12577111	6,026360984	0,257627525	13,36112822	40,77099068	13,37740517	20,49503801	0	12,0989315	153,5141532	17,05712813
ENSG000000013375	PGM3	18,63117761	22,19576064	23,86510077	34,19581106	0	15,97427323	22,71821737	0	15,93041198	153,5107527	17,0567503
ENSG00000119402	FBXW2	18,9776744	23,2753063	6,562767935	23,66872673	21,48266828	12,91413648	5,233962549	28,33050432	12,99787517	153,4436222	17,04929135
ENSG00000111581	NUP107	9,771928795	7,478722945	3,361970838	46,24245632	0,088638169	18,10080819	10,63780305	27,11822626	30,60189198	153,4187464	17,04652738
ENSG00000130005	GAMT	6,288413261	28,00817396	0	29,42712364	0,149445502	23,68178436	33,26034186	6,737949983	25,83135183	153,3845844	17,0427316
ENSG000001020513	TRIQK	8,809539515	23,04968412	20,67073907	32,59746857	14,04638811	8,512663439	6,754946488	21,52444008	17,41247673	153,3786169	17,04206855
ENSG00000043591	ADRB1	26,80054285	14,19188293	0	2,743795737	9,062903277	21,57477718	8,267936353	55,0145179	15,63377685	153,2901277	17,03223641
ENSG00000163923	RPL39L	14,77460565	32,44699904	0	50,01464179	0	26,98255265	22,22756124	0	6,65665184	153,1030122	17,0114458
ENSG00000022859A	FNDC10	18,9243935	9,847022602	0	0	58,33123922	24,76160679	13,941148	0	10,73445629	153,0770569	17,00856188
ENSG00000179862	CITED4	6,88953966	16,09667022	69,07256259	15,46575077	0	14,24612095	10,10627294	2,510900969	18,64114053	153,0289587	17,00321763
ENSG000000047230	CTPS2	27,42994268	0,048479841	7,538784098	36,75074041	20,64714852	7,559115048	16,24240783	28,49706901	8,29941986	153,0131073	17,00145636
ENSG00000136802	LRRCC8A	3,236019869	10,51034608	38,95973471	23,34943941	0,068664922	19,63645258	20,03207021	11,43568962	25,72663232	152,9910806	16,99908086
ENSG00000106063	COA1	5,331058204	32,14528038	22,1263728	12,33858806	10,511910974	19,3843068	7,802089173	11,12630777	12,29542982	152,9876085	16,99862316
ENSG00000007189A	CPSF1	17,98460242	15,35907462	8,901970816	18,43515502	1,778396545	23,6076126	14,22880787	20,07261817	32,61057332	152,9788114	16,99764571
ENSG00000225830	ERC6C	16,7265652	2,209795214	18,87616048	15,47894233	48,67019752	10,36709679	15,208521973	5,315751397	25,20824074	152,9389424	16,99321582
ENSG00000175931	UBE2O	0,094256576	7,609830659	16,99176654	14,52577357	54,15042312	12,93548859	15,86721336	14,94246645	15,79391153	152,9111245	16,99012494
ENSG000000039523	RIPOR1	33,95440375	5,10063546	29,95030464	13,99874065	15,58364131	13,33892436	17,11721872	10,8332296	13,03604164	152,883241	16,98702678
ENSG00000139173	TMEM117	0,043927491	0	65,29299999	9,254089215	0,417578538	16,20521912	20,82661615	30,7380993	10,10270339	152,8812332	16,98680369
ENSG00000008748	PIR	24,6637476	24,55121816	0,110660867	50,9673701	0	8,321947717	22,12713259	16,04817565	6,880464399	152,771284	16,9745871
ENSG00000151327	FAM177A1	19,9489382	17,01270651	35,40640975	17,70685755	0,085657136	12,72277887	13,2129163	18,2552238	18,24110767	152,6235013	16,95816681
ENSG00000151806	GUF1	0	15,26060229	0	75,83075556	0,169031007	12,7656434	6,646858683	23,32217987	17,65640244	152,553936	16,95043733
ENSG000000077235	GTFC3C1	32,39950741	3,617899327	2,764894602	61,2730026	0	12,64203581	12,76190196	8,688125629	18,35640274	152,5037701	16,94486334
ENSG00000129931	HGF	0,061962305	9,318312458	40,692525	49,3248686	0,073627379	7,942618075	7,202807373	18,79971143	19,07046233	152,4868958	16,94298843
ENSG00000179119	SPTV2D1	6,480924628	29,68244212	34,72984115	5,042649111	7,974978479	30,2980444	18,86627979	6,945903776	12,41287164	152,4267351	16,9363039
ENSG00000100101	RANBP9	9,397423549	40,31764733	5,6087747	5,336978474	0,12121954	36,16671868	18,51883839	14,24759329	16,38613615	152,3957902	16,93286558
ENSG00000164823	OSGIN2	3,603281062	10,82936542	45,08592368	12,16388603	0,694319631	19,03249151	24,90538921	19,73379372	16,28901849	152,3374688	16,92638542
ENSG00000154001	PPP2R5E	13,29457111	17,31361129	28,30045651	8,239453684	16,38395582	21,13625596	11,89946202	21,5516481	14,20560307	152,3250143	16,92500159
ENSG00000115073	ACTR1B	7,419675323	11,12622407	41,04339636	23,18820487	0	23,11962739	13,49283307	18,28130387	14,58753823	152,2588032	16,9176448
ENSG00000107190	ZNF217	3,031501499	13,83874746	20,64275448	32,08389916	11,09714457	10,65628522	17,5589447	18,87128334	24,41471867	152,1952791	16,91058657
ENSG00000168763	CNNM3	13,33533168	21,45318193	7,130116349	25,15799211	0	19,41776581	26,04463151	11,95559077	27,18088257	152,1934927	16,91038808
ENSG00000111906	HDDC2	14,57724255	20,31102786	13,78569784	27,83070042	21,52997494	16,90664844	15,5559345	15,43300305	6,218030721	152,1482576	16,90536196
ENSG00000120942	UBIAD1	0	45,48177963	0,054689957	80,02519007	5,582504102	35,94402695	29,20728114	11,83374484	23,18510323	152,110658	16,90118422
ENSG00000119688	ABCD4	24,37212634	12,53252791	19,65897923	12,10794435	4,387336036	17,53571776	24,16028137	17,70317544	19,60116313	152,0601507	16,8955723
ENSG000000241127	YAE1	10,86107227	15,0829875	48,64651732	31,0795596	0	11,98963152	12,74308059	17,94156459	3,702411186	152,0552028	16,89502453
ENSG00000165689	ENTR1A	14,44651727	17,68814341	37,82584521	2,74405805	0,114441537	18,61074665	36,70546997	11,68841204	12,20049371	152,0238839	16,89154265
ENSG000000089154	GCN1	17,19156492	0,527401449	63,56708475	2,628249724	0,074351458	24,16523617	13,13152232	8,756858104	21,75904933	152,0093182	16,88992425
ENSG00000155330	C16orf87	4,06256246	12,29975084	18,99171131	34,62196424	20,84715223	11,26610069	12,08451784	16,48509483	17,89957497	151,9991343	16,8887927
ENSG00000144109	UMPS	35,74593771	24,70104687	22,72095058	6,21769941	0,04780585	19,72286275	22,68220326	2,77121642	17,36744657	151,9771697	16,88635219
ENSG00000171055	FEZ2	11,37809511	15,36011457	17,01220789	25,16531381	23,362348814	20,6228072	12,10062947	12,93937107	13,99359023	151,8354355	16,87063094
ENSG00000159004	SOS1	1,484514944	0,057895282	63,86068955	14,11296797	17,95006176	12,84226314	20,72434502	6,421053887	14,22489305	151,6786936	16,85318818
ENSG00000168071	CDC8B8B	28,35811548	15,38203809	7,856683037	10,34364899	0,086016178	21,73726598	17,97155893	18,77019603	38,0595872	151,6668154	16,85186838
ENSG000000005238	FAM214B	0,02357787	8,242155409	73,73477427	1,099273571	0,065033319	12,86590055	21,76985632	9,899116393	23,80714539	151,4978331	16,83309257
ENSG00000190263	MRP353	4,350371052	31,13412356	0,052999066	31,1430494	7,326134801	21,92107334	16,55395038	24,69596768	14,31496658	151,492635	16,83251499
ENSG00000116717	GADD45A	13,8249226	26,60525819	30,6139122	29,41448805	0,186554567	18,96120877	6,517939325	0	25,29434576	151,4881195	16,83201327
ENSG000000087157	PGS1	5,975111533	25,8705607	31,93088919	11,29789629	1,703997828	24,66681567	30,61099045	3,527771183	15,79952641	151,383559	16,82039547
ENSG00000077713	SLC25A43	35,44897501	2,55013526	0	9,834463463	0	40,20657864	23,15831418	6,364393912	23,50084589	151,332518	16,81591686
ENSG00000133657	ATP13A3	20,61324217	18,57208059	42,78552904	37,26798754	0,135451056	12,78064726	6,229023575	3,490330425	9,464795725	151,3391115	16,81545683
ENSG00000100342	APOL1	0	8,915207164	31,59762421	35,88875468	0,10251021	16,1061432	9,412949033	11,36191608	22,14422415	151,3037906	16,81153229
ENSG00000154856	APCD0D1	13,64245678	10,79433014	36,28677391	10,32840139	9,120976096	20,45587707	6,382354769	38,57017943	14,71245839	151,293808	16,81042311
ENSG00000009157	WDR7	1,357626511	21,75001696	38,52470468	11,85463469	26,90978908	14,67337074	16,93297841	2,26580101	16,66153032	151,1912315	16,79902572
ENSG00000174652	ZNF266	0	6,111073932	0,824102572	1,837229764	10,36696555	14,78654575	14,9253202	0,244902403	8,712093781	151,110924	16,

ENSG00000142002	DPP9	22,63753984	8,407623982	2,204070943	3,166077899	22,90862746	17,08137485	26,66470655	18,26043982	27,28309109	148,6135524	16,51261694
ENSG00000170234	PWWP2A	14,49385464	7,83465229	49,71068314	3,512662959	30,76423799	9,796769559	3,723610893	14,55792496	14,21497034	148,6093686	16,51215186
ENSG00000168137	SETD5	19,18242995	3,919914509	24,51101354	12,26452323	18,80648862	8,811313011	21,54634865	30,05340302	9,491791293	148,50969176	16,50969176
ENSG00000129696	TTI2	17,3945375	1,079681194	54,45038888	1,60689468	12,16338431	13,67524412	19,79233565	18,47052533	9,904184631	148,5371763	16,5041307
ENSG00000163606	CD200R1	17,90796223	5,652350645	0	0	0	27,4669348	25,96494017	38,81969804	30,27841163	148,49892215	16,49892215
ENSG00000170471	RALGAPB	11,87972422	19,55177971	1,848652388	21,85648034	28,06183313	2,62703787	14,40360869	23,85469829	24,32145525	148,4909609	16,48898565
ENSG00000106546	AHR	8,596278893	16,45288139	37,91108542	25,150359	2,720925361	6,305879577	20,71172168	24,9948884	5,56316133	148,4072813	16,48969789
ENSG00000130475	FCHO1	10,421189425	13,93923991	1,464594831	32,90328622	0	18,76473681	18,17931575	9,749386007	43,83419027	148,2559398	16,4728822
ENSG00000165915	SLC39A13	9,99424797	13,41002796	0,0607076	16,12679577	0	28,04428617	33,75834222	15,65938803	30,64296229	148,196575	16,46630556
ENSG00000263001	GT2F1	13,16853155	8,279355749	22,40465984	22,13895786	18,61832078	12,75557738	15,60747472	11,98603669	23,18354387	148,1424584	16,46027316
ENSG00000217128	FNIP1	4,452263099	4,659228911	15,01554551	14,19339071	13,65569098	22,77040149	23,74488907	28,95775107	20,61581291	148,0649738	16,45166375
ENSG00000166387	PFPIBP2	25,27247197	5,827984288	0,085095949	0,026626018	39,57621895	16,86193208	17,87312076	22,2874744	20,12703368	147,931655	16,43685056
ENSG00000056586	RC3H2	11,44796851	12,73112151	1,202024124	26,24469216	31,18170133	13,37271102	13,44441247	17,06040273	21,21572303	147,9007572	16,43341747
ENSG00000204577	LILRB3	11,48699199	19,2350257	17,85739394	9,428800164	28,54869113	12,87849766	15,54945496	16,09718718	16,71424826	147,796351	16,42181677
ENSG00000076108	BAZZA	11,01703739	8,79234622	23,60206388	31,66686585	6,973156162	22,04948221	16,67498184	4,116056163	22,87760816	147,7696179	16,41884643
ENSG00000183172	SDMT1	13,00720683	14,87096014	7,065929726	26,53065022	6,846261639	18,97763962	23,050009	15,65316842	21,68746245	147,6889281	16,40992089
ENSG00000129657	SEC14L1	16,95543483	14,31851352	1,288436148	31,49562749	7,524962021	12,51218235	20,57248201	23,67540065	19,30968184	147,6527009	16,40585865
ENSG00000133959	DSTYK	9,735265083	4,9989895	20,1392071	0,400254238	64,40810199	16,26804593	16,35925863	6,862121992	6,398727791	147,5699727	16,39666359
ENSG00000145241	CENPC	4,659950439	7,637754711	41,1931432	14,8649397	26,75628582	8,963389207	16,15637279	9,295416859	17,98091352	147,5081698	16,38979665
ENSG00000163930	BAP1	10,27796938	13,81062018	0,53027149	19,74433784	49,70406002	13,04638066	11,40881145	8,824662041	10,24164811	147,4887612	16,38764013
ENSG00000198825	INPP5F	13,30400441	0,176177398	0,219169592	46,52904399	40,72515625	6,191669354	6,578536461	23,88160475	9,841806633	147,4476083	16,38306759
ENSG00000163607	PBPB8P	31,91253034	16,46977784	17,00139654	7,502051021	31,0684544	10,40735452	5,443825173	12,52300373	16,10670895	147,4351025	16,38167806
ENSG00000158062	UBXN11	32,54408426	7,410386907	22,51496975	3,882960932	30,36817694	9,276037771	12,48301772	15,73497941	13,27475159	147,3303663	16,37040059
ENSG00000172123	SLFN12	21,26584155	2,786869102	31,62414047	0	12,30683713	9,274214821	17,62223764	3,341473155	49,07183453	147,2934484	16,36593871
ENSG00000151532	VTI1A	0,071888949	4,145868222	5,389005249	68,61646394	2,56268465	22,19902459	16,40008264	9,942905041	17,94807042	147,2759937	16,3639993
ENSG00000105771	HDX58	0	0	0,07269511	13,30604604	85,3654555	12,75567718	8,957479246	8,641071326	18,7641196	147,2749248	16,36388053
ENSG00000180340	FZD2	22,03695822	11,17258334	0,131619365	18,28521602	18,19392852	28,28021194	20,46148049	20,18279319	8,359573682	147,2575648	16,36195164
ENSG00000174839	DENDND6A	0,029542634	17,35190656	9,999675115	55,45187046	0,210626125	14,30431365	12,78006705	25,58203103	11,51776101	147,2277936	16,35864374
ENSG00000167981	ZNF597	15,13034895	10,66112639	0	0,951796369	108,2657847	1,755027074	7,757512776	0	2,643813375	147,1654096	16,35172128
ENSG00000201309	SCAF8	2,619139612	12,37728991	30,32879022	28,42148875	0,65520442	23,00529799	29,87388857	4,581833084	15,22427757	147,0873603	16,34304003
ENSG00000163961	RNF168	11,67171604	20,30998879	16,1682833	29,47535528	1,410411144	17,56256667	15,51073302	8,280948578	26,85873996	147,0484328	16,33871475
ENSG00000100865	CINP	15,4956199	12,9454783	19,35132391	16,25146322	0	14,80900919	10,91760935	43,0974726	23,57589189	147,0084728	16,33427475
ENSG00000185345	PRKN	5,020196494	0	7,329410239	0,963198184	18,1359183	9,682248456	5,116737041	0,406581407	0,065335392	146,9428902	16,3269878
ENSG00000186010	NDUFA13	19,92114983	15,94197268	12,93408141	17,0870198	5,37156291	18,50528278	21,08161044	15,37472508	16,86700667	146,9389872	16,32655413
ENSG00000161800	RACGAP1	5,085289987	13,80450234	0,867332602	9,18826075	54,42387537	20,2627582	24,80325039	2,20927948	16,27760255	146,9221696	16,32468582
ENSG00000198498	TMA1E	30,30197292	44,95275457	2,448444794	9,88273979	0,210873483	19,48556624	11,12508522	16,00754658	10,97545478	146,8914284	16,32126892
ENSG00000166527	CLEC4D	0	9,94087415	39,45961405	5,218694992	16,81721174	16,99571761	8,99714088	46,42202705	2,991675724	146,8429607	16,31588452
ENSG00000131389	SLC6A6	38,57402137	5,425213716	1,549198516	18,46740595	0,870166083	13,48752083	32,01363208	2,361962622	13,57710842	146,8062296	16,31180329
ENSG00000104960	PTOV1	26,76497193	12,90787555	29,42057069	14,38679242	12,16735048	11,52079483	16,39860649	9,754525978	12,95805813	16,30728894	16,30728894
ENSG00000113368	LMNB1	0	9,373529868	8,87577525	28,29848059	46,75546313	22,28581377	19,99651038	0,090953638	11,04950421	146,7260308	16,30289232
ENSG00000000479	PDK4	3,658046385	29,26902114	57,50468697	0,827120351	0	9,16451469	29,71084446	0	17,09591688	146,6901499	16,29895054
ENSG00000177628	GBA	23,4867581	6,321330046	10,59189522	6,222958509	27,07163491	21,73937929	21,15248196	19,65578471	10,44367792	146,6858976	16,29843306
ENSG00000205659	LINS2	55,62276965	16,48652059	0	8,655055024	0	23,27781114	25,59023835	0,089500154	18,67525996	146,5976504	16,28862782
ENSG00000136122	BORA	20,94414306	13,53742929	0	27,00173773	65,42718473	0,035003731	7,750911071	0	5,886014032	146,5824237	16,28693596
ENSG00000119906	SLF2	8,282615255	13,02369224	6,656128108	25,67301668	18,50197052	12,63968483	26,31288851	17,96166113	17,00809814	146,5819354	16,28688171
ENSG00000102101	CLC6N	51,38092205	8,923849752	7,108508588	2,809528663	1,537882538	12,07840366	19,26651984	19,1638303	24,30807932	146,5775247	16,28693167
ENSG00000124608	AARS2	17,38261162	6,189466236	1,272705528	17,96976838	0	25,32019484	26,71211189	18,28043201	33,39706676	146,5243618	16,28044845
ENSG00000143498	TAF1A	0,052269308	16,41685715	63,8459999	4,242111313	0	9,2969690715	15,58071573	31,66045493	5,399898952	146,495268	16,277252
ENSG00000173928	SW5AP1	40,37990309	23,40669478	32,35397827	12,24110128	0	7,38912901	12,19200098	13,73540364	4,745487808	146,4708082	16,27453425
ENSG00000168887	C2orf68	0,259952814	9,917517636	63,50551719	15,48642117	0,123556698	20,72098378	15,04432556	6,991820369	14,41885112	146,4689733	16,27433037
ENSG00000161368	TMEM159	0,118147434	12,36933386	5,433543764	28,3806213	0,421169909	42,3532473	19,17861603	15,37205377	22,66775408	146,2719283	16,25243648
ENSG00000175104	TRAF6	3,996506596	31,00670194	3,761571028	25,42262269	18,28941598	16,28695291	10,897042	21,95038338	14,63178426	146,2431284	16,24923609
ENSG00000144029	MIRP55	25,564522557	18,03631375	0,332114814	32,85847828	8,795590942	13,79614831	14,58573871	11,05396634	21,20471073	146,2272851	16,24747613
ENSG00000115355	CDC8B8A	8,503364268	13,45371004	20,63024776	24,23385555	12,65407403	18,89235693	16,13939867	16,43313741	15,18332468	146,1134693	16,23482992
ENSG000002032014	ACBDB	20,79983095	18,954127	6,697869797	7,885015873	26,72346994	11,19763876	12,34326083	21,37795525	20,06410138	146,0432698	16,22702998
ENSG000002023516	AKAP11	4,282609214	3,921390823	36,55935946	15,47450984	31,5472899	12,04796926	9,61749393	18,89625817	13,62687051	145,9737512	16,21930569
ENSG00000171777	RSGRGR4	6,285737341	27,37189434	3,522100226	26,82334188	0	37,83855849	12,38805812	11,29623312	20,3921268	145,9188362	16,21320402
ENSG00000163257	DCAF16	0	17,87242152	44,96397365	17,31711887	0	24,14935928	7,633473272	16,1923916	17,24945919	145,8323974	16,20359971
ENSG00000107816	LZT52	19,20329843	10,48485597	3,09951844	7,293584902	47,11806459	19,7916848	20,46774318	8,882921015	9,424323414	145,7659947	16,19622164
ENSG00000135048	CEMP2	5,813201119	19,64558851	5,737432343	7,049248287	0	9,26904778	38,5874827	45,7409424	13,89731937	145,7402625	16,1933625
ENSG00000170364	SETMAR	0	5,637973088	27,97725134	8,89000636	0	11,81420984	15,12538345	30,84797056	4,428638472	145,7214334	16,19127037
ENSG00000100034	PPM1F	6,874789566	12,62438795									

ENSG00000132549	VPS13B	1,64525747	18,49531743	65,08818542	8,975688586	0,773404614	7,543194442	13,51080388	10,4768079	16,63235208	143,1410118	15,90455687
ENSG00000053900	ANAPC4	0,060492622	9,839745133	36,68565758	4,247940606	1,916827021	20,89933072	13,79604398	37,61151402	18,05394559	143,1114973	15,90127747
ENSG00000010216	GMEB2	7,290839365	8,606193835	0,601698819	4,05222237	11,86815747	7,027601981	11,85322237	3,586717023	15,90063569	15,90063569	15,90063569
ENSG00000006564	ANKB1	0,061352241	1,378995264	70,87758918	34,18392955	0,243008217	5,590977615	8,86392114	11,09050924	10,76496929	143,0552454	15,89502727
ENSG00000009659	BTAF1	20,19192825	0,141481071	5,206855831	2,891246256	3,87896588	18,62417897	15,70654862	47,59722032	32,18790183	142,8807033	15,8807033
ENSG000000148341	CSGLB2	15,94489291	12,71057617	17,29726474	8,16171424	29,25010801	13,63515159	17,75071911	14,20858942	12,4915919	142,9006753	15,87785281
ENSG000000101019	UOCC1	12,97775149	18,88889989	0,083327368	13,84457149	0	13,82588139	32,00697018	23,42599209	27,71542111	142,7680235	15,86313722
ENSG000000027204	GT2FH5	10,58672868	16,37562512	19,21792356	2,897361251	8,924533769	19,51889138	12,93679563	32,62850257	19,62873381	142,7150958	15,85723286
ENSG000000170584	NUDCD2	25,98847935	22,616586	10,95006179	8,293993971	3,505927147	19,5874664	14,14372116	17,96777816	19,64162927	142,6769685	15,8529965
ENSG000000088543	C3orf18	0	15,29169853	23,39351634	2,573957826	87,45464194	8,183012414	0	0	5,671641709	142,5684688	15,84094097
ENSG000000176973	FAM89B	13,36986531	11,58638272	3,050536066	18,07574241	9,852333124	29,81383477	25,47271486	14,50467237	16,82561107	142,5516927	15,83907697
ENSG000000073008	PVR	14,397383	6,991567401	27,94388335	43,7744308	0,058891037	12,95071081	9,711708217	8,07391777	18,52979428	142,4322867	15,82580963
ENSG000000109381	ELF2	12,14533559	14,7854	32,53925925	13,1381979	2,265461132	13,80003862	16,70983393	17,79559996	19,2353985	142,4151099	15,8239011
ENSG000000162623	TYW3	9,755405125	13,07017981	39,62541272	27,58584653	0	17,10862966	9,894107636	11,09561481	14,21226654	142,3474628	15,81638476
ENSG000000185658	BRWD1	1,839832653	20,26575892	34,16821162	17,37457293	0,743852644	15,94320155	9,419646169	22,119171	20,46809228	142,3412058	15,81568953
ENSG000000106733	NMRK1	21,58163907	4,995142046	0	1,957856213	0,092915276	23,18026169	30,51542357	40,01122318	20,0314444	142,3376055	15,8152895
ENSG000000138101	DTNB	7,422307627	1,726075008	18,67204695	20,22921578	34,72575172	28,65010518	14,23963606	5,918783185	10,6628987	142,2468202	15,80520225
ENSG000000181381	DXD60L	26,81354894	5,271959363	8,36958837	30,24493083	13,53042402	7,274624661	6,337511011	16,44561643	27,84028604	142,1284897	15,79205441
ENSG000000186660	ZFP91	0,156970814	36,58169946	4,764548095	32,02958743	1,989570872	19,27389144	14,81488338	19,39350058	12,93460906	141,9393406	15,777103785
ENSG000000140848	CPNE2	8,906090245	13,8628409	7,149804795	13,01808197	0,092831212	14,2172305	17,72509666	53,34273941	13,5715762	141,8862919	15,76514354
ENSG000000114678	C12orf57	16,81795388	8,611426359	36,78695662	19,2164154	8,351570752	19,29192752	7,016890106	19,39427698	6,380113168	141,8672569	15,76302854
ENSG000000143643	TTC13	23,89355177	24,82796297	0,06599714	14,24858598	0	24,61873467	19,29774235	5,334651139	29,2774235	141,854531	15,76205034
ENSG000000164073	MFS0D	0,033200169	0,353477315	40,12587609	21,69919541	29,35114265	7,162787723	7,498172098	24,1391835	11,49418785	141,8572228	15,76191364
ENSG000000167470	MDIN	13,05229328	7,819813449	11,6340736	17,71708977	17,82796348	26,92538077	19,32891134	14,63857501	12,90830698	141,8524077	15,76137863
ENSG000000100503	NIN	2,760918122	8,759736464	33,84600197	19,54676233	22,04624246	12,76805855	8,408703826	12,36443021	22,03048009	141,8400813	15,76000904
ENSG000000120696	KBTBD7	16,9177445	0,056641741	8,45566841	75,34814328	0,05859219	9,707906579	12,74846424	10,74924449	6,794532819	141,7540253	15,75046725
ENSG000000108091	CDC6	33,23558482	16,3595794	3,139277717	33,34907815	0	9,414014268	14,86082985	22,43551051	8,881523651	141,6754084	15,74171204
ENSG000000158863	FAM160B2	6,645223891	27,23418145	48,49580522	11,4119754	0,086534348	7,176132173	19,00195269	4,737555048	16,83814264	141,6275038	15,73638931
ENSG000000125124	BBS2	36,84491865	8,464868446	19,2581717	2,46800062	0	12,02398234	30,43900082	11,48667026	20,63693111	141,622544	15,73583822
ENSG000000166313	APBB1	13,601104	30,78212892	20,67357716	19,8352656	0	16,83150778	12,70494781	15,18587453	11,73058712	141,629938	15,71811042
ENSG000000166557	TMED3	18,44805298	13,3014344	12,9589445	21,0355531	10,59982238	19,32333044	14,96233548	16,34045149	14,48440675	141,4543337	15,71714819
ENSG000000189114	BLOC153	48,12128584	13,1757697	1,042686043	11,25563469	0,538811016	15,93139821	18,07224557	20,8225834	12,47806732	141,4390547	15,71454052
ENSG000000104643	MTMR9	27,924169	5,902697527	38,23714831	15,0587176	0	11,98307396	13,2427635	14,27269729	14,72796095	141,3494621	15,70549597
ENSG000000104738	MCM4	0,021670812	5,191333717	3,986520852	47,48694719	0	19,1060079	15,02477086	24,59422638	25,8260838	141,2375612	15,69302635
ENSG000000137936	BCAR3	12,38324809	28,36825323	26,23515026	24,73960736	0,051903099	13,4761879	9,937525934	9,599269847	16,43851303	141,2296588	15,69218431
ENSG000000144597	EAF1	37,86229414	13,16402975	41,05430266	27,28620981	0,146309856	7,536781138	5,060730441	6,262167678	6,473773744	141,1915992	15,68795547
ENSG000000078967	UBE2D4	19,29343871	20,9281561	8,371829068	18,53938844	17,67025871	16,92534197	13,22561082	14,99745439	11,23356497	141,1850432	15,68722702
ENSG000000027703	F8A1	17,64279868	20,66243083	4,219195898	13,86169451	26,62459304	13,4626796	9,595220953	13,88866834	21,1559084	141,1131907	15,67924341
ENSG000000089351	GRAMD1A	10,46294818	21,29973478	13,98789121	5,752689612	0	21,41592264	24,43102897	13,56883684	24,20821411	141,0672673	15,67414082
ENSG000000169379	ARG1C	7,239047559	8,326990373	3,078258198	17,0857759	40,45907795	13,3934085	21,23909549	9,227349502	17,0562427	141,0299705	15,66999672
ENSG000000131739	ERL3B	28,422726928	23,1767395	19,9833162	6,805086877	19,9716578	11,15365222	15,01816346	14,04714424	15,68985012	141,0009875	15,66677639
ENSG000000124490	IFIBO	9,992379886	19,10397356	19,21193517	26,49425083	0	36,31063389	14,23852744	8,881133854	6,739315014	140,9721496	15,66357218
ENSG000000140400	MAN2C1	0	10,28602587	42,56227513	13,17263056	3,935966049	22,16626403	18,30348662	20,6068905	19,9615949	140,9397666	15,65997407
ENSG000000197696	NMB	10,49789679	29,91016439	28,28760303	22,12266418	0	10,0650252	5,40185382	17,45396071	17,09351575	140,9280839	15,65867599
ENSG000000069399	BCL3	19,77828278	9,18650679	9,25402398	16,7828248	0,464276073	16,89134831	30,25238128	26,48602868	11,7310611	140,9082348	15,65647053
ENSG000000172113	NME6	7,474331065	9,97497107	18,23071468	33,61452208	0,049478857	14,2686711	20,65817673	14,29546076	22,27700115	140,8615275	15,65128083
ENSG000000151452	FER	0,044460361	16,03526635	38,01140155	3,416434386	49,52889974	6,419195538	7,623280194	11,39932418	8,338828877	140,8634349	15,64363439
ENSG000000172964	GABARF	9,29434571	15,667959	28,78112762	17,11926025	17,30243413	7,68805738	6,624010352	18,9690782	9,33519179	140,7814644	15,64238494
ENSG000000172943	PHF8	0,38552891	8,625754856	14,12256077	32,41787815	34,4324753	12,69515008	21,07717844	11,91250521	10,43131894	140,7742678	15,64158531
ENSG000000176749	CDK5R1	40,0741559	28,38990781	0	0	0	12,31301899	28,69800147	0,585876893	30,64490527	140,7058663	15,63398515
ENSG000000145439	CBR4	16,70792024	4,4078137	0,108798473	13,94036166	66,90409008	16,13658015	9,035828215	0,064664299	13,27475159	140,5807364	15,62008182
ENSG000000113595	TRIM23	44,54742221	0,115230769	0	15,53050808	0	10,73035745	22,99603631	27,1930467	19,40752648	140,5204342	15,61338158
ENSG000000129292	PP2R2L1	13,46464919	13,79097934	21,90490207	11,96158092	19,79676695	13,28349229	11,1191685	18,18345877	16,9575578	140,4627687	15,6069743
ENSG000000185022	MAFF	31,88645797	23,51200571	9,165267922	13,98128755	0,128004827	11,47269716	17,68794023	16,5482291	20,23743096	140,4504166	15,60560185
ENSG000000137713	PPP2R1B	36,06833468	17,23770001	0,082732172	17,97810101	0,05344011	7,604234766	24,87001224	20,75050409	15,12768567	140,33127528	15,59030587
ENSG000000198040	ZNF84	5,746011195	21,29362942	5,547922144	0,41113704	55,79147533	10,05571458	8,448159959	19,02081334	13,97753256	140,2933545	15,58804395
ENSG000000109920	FNBP4	11,10053955	9,389912062	16,87056683	9,042777191	13,08325901	11,74426063	16,8349365	21,38360459	20,235432	140,235432	15,5815048
ENSG000000118689	FOXO3	13,20001074	13,45953977	18,19374311	6,906101675	17,27159408	17,67261293	20,5627389	23,91019631	18,36657938	140,1842795	15,57603106
ENSG000000101773	BRBP8	19,78899754	5,080851123	17,626893814	39,72091002	0,848643267	13,68008003	6,251278849	14,64115354	19,14094745	140,1635118	15,57372353
ENSG000000119397	CNTRL	18,42146492	6,065014975	0,059037931	14,87969341	0,338135026	21,65276614	15,14917357	38,10682174	25,73472072	140,106829	15,56742548
ENSG000000177042	TMM8B0	3,266453014	2,371189389	0,955962021	48,81564506	25,6552505	15,1182902	8,66056578	8,279126968	140,0838856	140,0858784	15,56080721
ENSG000000162777	NUDEM2D	14,46268										

ENSG00000108523	RNF167	4,680903246	36,44933164	19,75441666	7,3221549	1,046989919	23,82243703	15,36371412	14,45049129	14,01976316	136,910202	15,21224466
ENSG000000085274	MYNN	25,0796078	9,873989881	12,66192074	10,700152165	10,21573463	9,873561371	11,40838446	34,88881559	12,19516446	136,8987006	15,21096673
ENSG000000151233	GXYLT1	0,080678361	9,520257878	0,074207181	73,000049476	0,047933468	5,381242677	18,68992132	20,42060928	9,649532556	136,8648774	15,2072086
ENSG000000140932	CTMT2	0	0	55,7892925	0	67,70504491	1,297302511	0	12,05756024	0	136,8491369	15,20545966
ENSG00000136861	CDKSRAP2	0,044973384	3,298572223	13,1544154	8,956696549	63,84311864	9,908548331	4,169896946	13,04692302	20,39149342	136,8143651	15,20162615
ENSG000000175309	PHYKPL	0,035812435	5,909990759	36,69508594	7,111629383	0,042554514	16,75030351	14,18399061	43,9717999	12,11228667	136,8134542	15,20149491
ENSG000000202417	BMPR2	6,044422827	8,449852944	35,50567012	28,41779219	0,030177945	17,28816093	11,35559223	7,025205511	22,64516448	136,7363708	15,19589675
ENSG000000162413	KLHL21	35,34161151	20,24373019	0	10,66275364	0	15,94720008	22,76320181	5,554326885	26,4186985	136,7315226	15,1923914
ENSG000000226742	HSPB1L1	20,940113805	17,26122949	3,005190259	38,3884885	0	21,93317697	12,14626801	20,29696361	2,739752171	136,7154654	15,18439638
ENSG000000171703	TCEA2	11,2985765	13,49670468	43,36907559	10,73604637	0,675032974	15,21193466	18,21258996	4,140784054	19,48516169	136,6259065	15,18065628
ENSG000000244187	TMEM141	14,07304522	19,12769882	10,46556515	32,40143674	15,65505799	13,91720161	11,68514981	3,928548359	15,34399953	136,5977032	15,17752258
ENSG00000018189	RUFY3	11,93781542	9,151896016	44,9260766	16,28589368	0,11455105	16,49403394	7,564240111	13,45629339	16,65801364	136,5888139	15,17653487
ENSG000000133858	ZFC3H1	14,29846661	0,027729266	18,65657541	13,16817659	14,68922743	14,2576721	8,122484781	36,768107	16,58588922	136,5543284	15,17270316
ENSG000000157259	GATAD1	28,5672185	22,00313083	0,921190165	13,91763002	3,626877499	13,77133712	21,56181025	6,257242676	25,89592539	136,5223626	15,1691514
ENSG000000130544	ZNF557	0,47230253	0	80,41584388	17,44399466	0,187072865	15,23991927	6,143884984	13,13934988	3,420686119	136,4630542	15,16256158
ENSG000000092148	HECTD1	0,288815298	10,52751502	51,91234627	3,532606967	0	15,94760421	28,11766459	0,710498791	25,26399725	136,3010484	15,14456093
ENSG000000155011	DKK2	58,38759074	0,371130796	0	43,45906613	0,082841417	14,54348769	10,21707663	1,600721088	7,459583593	136,1214948	15,1246109
ENSG000000088035	ALG6	14,74760312	14,14868632	29,94254341	17,99387834	0,06534162	10,26375475	9,223073895	20,6220991	18,93632687	136,0703074	15,11892305
ENSG000000175727	MLXIP	12,9339665	14,19211336	15,97563736	23,06794627	4,11737015	16,2703444	13,75215638	14,36868614	17,36738193	136,0243425	15,11381583
ENSG000000168116	KIAA1586	14,67847936	12,5058186	5,007039416	24,67509892	2,541198434	26,41548262	10,89642639	5,739249515	33,53486619	136,0397044	15,1104116
ENSG000000104447	TRPS1	20,93620181	1,81635206	37,63476954	11,10010595	0,616260233	11,22353883	19,5027494	19,13010818	14,03248669	135,9923911	15,11026567
ENSG000000184719	RNLS	33,40837042	16,73788268	0	39,16748366	0,074972347	8,486031585	20,77201947	11,17544884	6,169018171	135,9912272	15,11013635
ENSG000000164828	SUN1	8,556556364	24,70979444	26,03864218	29,5285908	0	14,57492914	1,397644205	12,77122632	18,34940346	135,9267869	15,10297632
ENSG000000140006	WDR89	50,68442444	0,083559364	0	37,48551676	0,111909487	18,40578539	16,96918794	0	12,16197128	135,8863559	15,09848398
ENSG000000156030	ELMSAN1	4,202496588	17,85757313	11,21486012	26,51148882	9,774261202	12,32886368	17,02838235	18,45277583	18,51022541	135,8809271	15,09788079
ENSG000000186111	PIPSK1C	6,385483428	12,86218986	19,3623938	6,782885308	0,154725352	24,04190319	29,62418868	9,775889833	19,43074368	135,8807554	15,09786155
ENSG000000180011	ZADH2	17,50446911	20,82885737	26,07266445	27,3319777	28,25739191	2,610955821	7,392687319	21,78724865	3,041677942	135,8639303	15,09599225
ENSG000000117009	KMO	0	3,69788833	0	27,64669529	49,22314111	7,952323303	8,039723594	21,28429858	17,97204008	135,8164103	15,09071225
ENSG000000175470	PPP2R2D	5,376363648	12,87749053	16,54643446	3,459365194	49,35922931	21,32238202	6,195437119	6,749948552	13,92843254	135,8150834	15,09056482
ENSG000000055483	AC022966.1	19,5862862	3,368107419	9,752631518	15,45548794	38,37020892	14,37232933	15,23034566	9,338757133	14,79125201	135,7654041	15,0850449
ENSG000000105732	ZNF574	12,36329792	17,22908546	49,89233732	20,62219011	0,230745904	7,42671033	14,56520025	0	13,41406682	135,7436341	15,08262601
ENSG000000149089	AP1P4	12,51289372	15,47071919	0,05328515	23,45763908	29,04880254	8,840931632	11,039080039	18,9380747	16,35107413	135,7124989	15,07916654
ENSG000000022839	TBPL1	19,25242833	15,05937409	13,57076887	19,58778991	0	6,222881823	15,5357049	35,08285248	11,123265972	135,6742596	15,07491774
ENSG000000166689	ATF7IP2	19,8611922	8,09754362	0	34,60080661	27,08782518	17,57494296	9,462791429	1,602796369	26,98569436	135,6728735	15,07476372
ENSG000000167965	MLST8	13,75939794	8,917566517	29,58320319	1,077254482	0	21,38572113	27,97182631	9,70083134	23,2734406	135,6692325	15,07435817
ENSG000000166166	TRMT61A	20,94974029	7,084883434	0	22,5489347	0,111631191	20,73237545	17,82404157	20,64574077	25,76547993	135,6628273	15,07364748
ENSG000000130779	CLIP1	11,06521179	3,843190475	27,06557675	5,750493889	1,528653798	21,13328322	14,81927732	29,51993712	20,89848649	135,6244163	15,06937959
ENSG000000006756	ARSD	3,290623016	11,67825961	32,12636498	10,54732889	0,102225318	19,12718006	23,98329859	19,51755558	15,23592326	135,6087593	15,06763992
ENSG000000175643	RM12	14,68839942	25,76717641	0,615851784	34,75780808	0	20,44591701	10,18078296	3,202772047	25,93925429	135,5977621	15,06641801
ENSG0000000082701	GSKB	2,908822903	5,424648114	27,53897999	8,251433661	15,80716009	14,95148037	8,245720691	17,38063137	17,40886991	135,58065	15,06451666
ENSG000000164169	PRMT9	6,385492232	27,54697673	2,250851004	8,715493435	0	6,926934503	21,36678478	50,08357944	12,22674489	135,502803	15,055867
ENSG000000197555	SIPAL1	19,35754168	11,06096552	23,65025657	2,838077993	0,810126586	14,18233339	23,68136696	12,29944947	27,8949461	135,4753343	15,05281843
ENSG000000144711	IQSEC1	15,64389957	7,611535019	8,846434738	25,3993255	36,351508	47,39737111	5,681349873	29,43759481	9,017599647	135,4727828	15,05253645
ENSG000000158552	FZAND2B	22,85780851	13,09934432	9,816636927	4,991398867	0,105684974	18,84681654	19,05317578	21,87963895	24,66650248	135,3174342	15,03527046
ENSG000000128923	MINDY2	7,064826765	0,255265285	0,058086675	7,77112782	58,93529699	10,30909017	10,52443128	7,969016437	30,05704808	135,2641406	15,02934895
ENSG000000168228	ZCCHC4	40,62593547	13,98155974	0	0,769201689	0,569898616	15,27084429	3,413384684	38,6543271	21,90890764	135,1975372	15,02194858
ENSG000000101452	DHX35	0	0	0,166854801	10,32274441	93,19236743	2,323677545	12,70267867	0	16,50977509	135,1280976	15,01423307
ENSG000000147171	KRBOX4	30,34012801	26,41398807	0,075435576	0,078001034	0,097453879	9,815062611	10,96375764	34,79202502	22,49322602	135,0258899	15,00287665
ENSG000000186687	LYRM2	1,214910521	27,46526034	1,162161533	13,92995844	0,230980892	10,26841356	11,23765476	26,61966849	32,90191687	135,0111254	15,00123616
ENSG0000000922408	GEMIN2	18,909375	9,725861447	20,10564404	41,92752766	0	15,70644197	7,236047439	25,52687714	15,7736983	135,009283	15,00103144
ENSG000000127415	IDUA	20,40625745	19,95536817	1,644041985	13,37468574	0,088496191	14,5141091	30,88834357	9,689924479	24,41010261	134,9713203	14,99681336
ENSG0000000080082	CNOT4	4,058978038	4,022704673	21,24665737	15,77018063	4,156069718	25,74351855	21,70946879	9,395124866	28,70411353	134,8988432	14,97876035
ENSG000000106080	FKBP1	10,61121919	9,616057457	40,60618044	10,82738066	6,135879901	10,1240964	12,15596698	27,11226174	7,606936135	134,7959681	14,97733122
ENSG000000184831	APOO	0,064220387	22,22171271	16,30312523	21,06997245	0	22,98633574	17,75674482	13,90268686	20,45654453	134,7613427	14,97348253
ENSG000000131116	NFZ48	15,75215599	20,37395751	9,48676486	25,03497181	22,661635	9,18757862	11,31091299	11,91521491	7,658839295	134,7550942	14,97278825
ENSG000000112305	SMAP1	10,78583021	17,97924009	10,28813632	10,95793576	4,907308848	14,99215978	20,08249005	22,39426773	18,22287457	134,7502434	14,97242926
ENSG000000154655	LMBTL4	0	10,44402815	0,004926551	8,130653813	74,90075642	8,254879806	8,118761274	5,065085719	19,7545116	134,7303603	14,96706703
ENSG000000028310	BRD9	0,854536686	26,56428234	12,54680309	8,880915985	42,45928425	10,46727203	5,663180762	13,42639314	12,80626366	134,6689303	14,96321447
ENSG000000087301	TXNDC16	0,09578105	0,623190788	0	49,45249783	18,36180969	2,208401929	21,44633975	25,83156349	16,64883276	134,6684115	14,96315683
ENSG000000066617	SMYRCD1	43,0147232	13,313125	7,847958402	25,35174305	3,3896627	12,46913602	10,13827644	4,117564704	13,02662539	134,6631255	14,9625695
ENSG000000141540	TTYH2	12,36049234	17,24418278	16,41326627	6,623960431	2,633618682	12,81172622	27,32129456	20,75323004	9,12108731	134,6527588	14,96141765
ENSG000000159842	ABR	15,74824897	4,056872366	15,50299441	19,59217483							

ENSG00000104093	DMXL2	16,37295674	3,651096981	27,66311697	28,31032027	9,337524278	14,88833233	7,533490637	11,67900084	12,51808979	131,9539364	14,66154849
ENSG00000106579	METTL17	0	14,76619241	0	34,25174762	0	19,39166102	17,45698708	13,36889687	32,66621273	131,9016977	14,65574419
ENSG00000176407	KCMF1	21,2973357	22,58073319	9,907925215	24,36441028	1,892393853	8,620353759	10,99125147	15,96602767	16,18693344	131,8079097	14,6453233
ENSG000001065416	SUGT1	11,15668695	21,11116661	17,52331176	25,22313316	0,118897346	13,51278038	10,92527391	17,43850817	14,75499803	131,7677563	14,64086181
ENSG000001065801	ARHGFE40	26,9800787	7,232045646	6,615342849	9,808148911	0,043826891	23,16349765	23,07588361	10,8074767	24,01897328	131,74259742	14,63836381
ENSG00000108885	TACR1	26,27868694	17,52260765	0	3,085000775	0	23,60980262	25,59573196	7,316156589	28,28446642	131,6924524	14,63249471
ENSG00000136463	ITPPI1	12,12818029	13,61067853	0	2,603689551	0	31,02275859	23,62434885	26,80748986	21,76944097	131,5656865	14,61850961
ENSG00000136152	COG3	0	5,242138658	56,76511632	12,34586676	0,412982224	12,1291616	18,3966496	0,977135242	25,28025636	131,5393038	14,6154782
ENSG00000155561	NUP205	3,90152223	19,35505831	5,788036486	14,4883384	0	14,7717275	17,99489212	27,14237492	27,01980686	131,4995296	14,61105884
ENSG00000029559	IBSP	0	0	0	0,165883646	0	0,105473984	130,9741164	0	0,236295642	131,4817697	14,60908552
ENSG00000025805	APOPT1	9,761466162	18,34440438	0	8,295236985	45,57468302	15,9496943	12,70020146	11,76521858	9,074906479	131,4658114	14,60731237
ENSG00000182606	TRAK1	0,395207919	21,03860266	0,051929778	44,89465937	0,134174311	22,64107534	16,44263738	9,475379435	16,352272	131,4259382	14,60288202
ENSG00000173171	MTX1	16,41103208	11,77927029	19,41959813	3,422880997	30,1273106	15,53829989	10,4112051	16,63261246	7,597142765	131,3393523	14,59326137
ENSG00000123374	CDK2	8,513819134	8,898975562	44,48253706	10,33804633	0,369557543	25,48202066	10,87818417	0	22,32835758	131,291498	14,58794423
ENSG00000079616	KIF22	9,637153741	20,21014611	3,223331389	1,210273537	0	25,77924081	11,46458971	15,40291004	44,34973827	131,2773836	14,58637596
ENSG00000160741	CTRC2	3,90152223	19,35505831	5,788036486	14,4883384	0	34,40732948	24,66213078	9,815796425	18,83231	131,58339135	14,58339135
ENSG00000148167	BRD4	11,7709549	12,06228794	18,06767203	24,87869228	18,56019714	9,013747531	8,977429593	10,11004631	16,90491899	131,2459458	14,58288287
ENSG00000115526	CHST10	0	24,13814404	0	22,85138475	0	25,51903069	21,08370104	12,85308942	24,74373568	131,1890856	14,57656507
ENSG00000113749	HRH2	26,95457089	4,438342667	19,0902265	24,71967183	8,536867092	5,784520899	10,09683778	16,35008161	15,21722713	131,1881425	14,57646028
ENSG00000136411	C1orf29	10,11342055	23,27111963	43,64222351	12,6489198	0	19,74322891	10,94799769	0,310024614	10,46204035	131,138975	14,57099723
ENSG00000173950	XXYL1	31,61672244	7,652681248	27,45800459	11,94420658	0	16,17289906	17,57886786	6,30740557	12,33006949	131,0608568	14,56231743
ENSG00000131788	PIAS3	14,11748777	4,017108616	26,7221818	18,94846153	1,86806878	14,4645301	10,80830575	27,36432748	12,7232747	131,0327993	14,55919992
ENSG00000113456	RAD1	1,58476374	24,39814949	0	24,43615567	22,86257914	7,033432129	12,60263305	20,89010264	17,21207821	131,0198941	14,55776601
ENSG00000104047	ZC2HC1A	0,073017913	34,72435662	0,738772913	35,17799368	0	10,50219162	11,9437813	23,3914782	14,45822183	131,0089141	14,55664601
ENSG000000009950	MLXIP	15,28366519	6,738355558	5,195889701	16,74535974	30,20614842	7,167061257	12,24736366	12,42132019	24,93392594	130,9390897	14,54878774
ENSG000000040828	USP28	6,367834854	25,17787271	0,048606417	3,01314622	0,313668825	21,00354215	14,98447924	27,67584505	32,30135393	130,8848178	14,54275753
ENSG000000083814	ZN6F71	0	14,1966461	60,52284715	0	0,101675408	6,670244024	2,095908717	21,98531239	25,30922543	130,8818572	14,54242858
ENSG00000165516	LHDC2	20,27880423	15,48849977	0	22,71154234	0	11,39502932	23,39041796	18,98207755	18,5875933	130,8339645	14,53710716
ENSG000000215271	HOMEZ	0,912682065	12,64637912	0	19,99212671	44,12720072	8,634305401	0,069051825	0,298549483	15,01145563	130,6953495	14,5217055
ENSG00000196814	MVB12B	9,903248432	4,342380568	22,43817095	16,83664436	0	18,57677889	30,20876035	4,347823257	24,0067432	130,6605501	14,5178389
ENSG000000221914	PPP2R2A	20,60124375	13,9742709	25,78612539	29,49150388	15,10050828	8,181370181	11,03141298	1,368616173	6,322760173	130,6260117	14,5140013
ENSG00000154945	ANKRD40	0,218954595	0,943575658	0,632949925	3,3798001	0,40336068	29,91267073	23,34875396	18,19407886	23,8511132	130,5562576	14,50625084
ENSG00000126249	PDCD2L	13,87314561	13,25560735	15,70509034	17,32195453	52,75172939	3,163549132	11,43055991	3,03365069	0	130,5352869	14,50392077
ENSG00000184992	BR3BP	10,5053746	21,56176907	1,658839916	24,79719213	0,107151288	19,33106973	27,51624467	3,598645894	21,37664757	130,4529349	14,49477054
ENSG00000102977	ACD	7,829806175	18,5527974	18,11226211	5,829139985	0,11423376	18,37651123	21,95633486	18,7617855	20,52788145	130,4191724	14,49101916
ENSG00000188268	SKA2	0,932605053	13,18731148	0,515892544	48,5973352	0	26,23241624	14,63109037	2,452963075	14,2608995	130,417349	14,49081655
ENSG00000140577	CRTC3	21,08227174	18,41988776	5,268669666	9,505212647	0,066404871	22,50284911	8,607524625	16,40563365	28,52304243	130,3814982	14,48863313
ENSG00000071889	FAM3A	15,35411448	17,46236642	8,56078347	8,54796117	20,21709193	18,84311964	13,97943283	7,64838169	19,43040337	130,3504567	14,48338408
ENSG000000213339	QTR1	17,0495017	17,82401633	17,18127725	19,3228815	0,104698992	18,52587489	18,29013586	9,344651035	12,67874234	130,3217799	14,48019777
ENSG00000168062	BATF2	17,28511679	13,52616839	36,73484789	0	0	7,661944928	18,05168187	25,94175468	11,09137327	130,2928878	14,47698753
ENSG000000243364	EFNA4	1,08193726	0	0	0	0	88,27949132	14,12285736	8,584286835	0	130,254032	14,47267022
ENSG00000163728	TT1C4	12,28012486	9,60593168	25,58120658	20,80873848	31,72962589	19,02069619	6,321163562	0,836543209	12,11531126	130,1990032	14,46655591
ENSG00000198168	SNIP	9,442594783	22,11746165	0,106894866	33,5638335	40,23390785	17,45543007	7,816263712	4,892032628	4,752468268	130,1610003	14,46233336
ENSG00000163281	GNPDA2	10,84191927	12,15077035	0,971958388	42,99040561	0	15,82531655	5,106554771	34,47611012	7,797756179	130,1607912	14,46231014
ENSG00000160714	UBE2Q1	26,97630232	13,31110645	6,767057302	17,0102562	0,171416488	11,04750618	15,7122298	19,32135299	19,82658603	130,1438033	14,46042259
ENSG000000075131	TIPIN	0	28,5861497	2,131282248	35,82020827	0	11,93269225	21,94242024	17,37224451	12,34905697	130,1343242	14,45936935
ENSG00000103335	PIEZ1	2,288337547	6,150263729	1,378576474	24,7255068	0,031802829	10,10661466	26,02298243	15,94817918	43,43331317	130,0875768	14,4541752
ENSG000000000375	RBM5	4,416136469	7,96563812	14,63899827	28,59009753	4,468187014	12,23760717	20,93592538	11,37781063	25,36389169	130,0303553	14,44781725
ENSG000001065819	METTL3	31,22247075	15,32632145	17,78579374	17,7191801	0,061272401	8,747034329	18,17510866	10,59916374	10,36884709	130,0051932	14,44502146
ENSG00000143942	CHAC2	3,232311672	19,86995723	7,007901655	46,24686763	0	21,03984395	0	32,56383436	0	129,9605365	14,44005961
ENSG00000153914	SREK1	31,34053119	7,967816011	12,60068503	19,78470778	17,26678096	10,96064939	10,11879706	8,550719072	16,1291143	129,7391843	14,41546492
ENSG00000110660	SLC35F2	13,70971586	0,384929658	69,91403006	0,224750193	0	2,286450669	16,57087359	12,42805867	14,19327445	129,7120832	14,41245368
ENSG00000117481	NSUN4	0,463967269	9,024618567	9,815310533	20,0908373	32,78198633	19,10283565	14,90589915	5,541061477	17,97452784	129,7010905	14,4123228
ENSG00000154814	OXNAD1	45,14727271	7,74290271	25,81406662	2,739924262	0,17676007	2,01433678	12,24853938	23,69153503	10,06223993	129,6375519	14,40417021
ENSG000001089050	RBPB9	20,25031067	21,90907833	0,07234114	8,555245069	23,82903287	21,02740265	6,823653237	1,461719398	25,29214966	129,5250366	14,391174
ENSG00000075420	FNDC3B	9,288468731	4,447566948	5,132325454	17,48836178	19,02589388	10,99512453	21,13144889	25,09755156	16,90528295	129,5147247	14,39052497
ENSG00000124067	SLC12A4	24,18318866	14,83214968	15,04134303	10,5342512	0,288378525	14,1618969	12,05107913	12,18522666	27,70452457	129,5023647	14,38915164
ENSG00000102219	DYRK4	23,19999263	17,94202212	16,66934815	18,27358626	0	13,50052042	13,34033867	16,72351574	9,748116422	129,3970804	14,37745338
ENSG000000247315	ZCCHC3	6,442268749	30,29988612	0,248640518	29,48549653	13,91928459	21,27058676	7,818515023	4,630418805	25,3786333	129,3533904	14,37259894
ENSG00000198954	KIF18P	18,2585013	35,39823884	0,050968115	1,77018593	0,131689601	13,6585751	21,55586745	13,4500319	25,04532341	129,319423	14,36882478
ENSG00000144182	LIFT1	52,91119671	38,12110927	0	0	0,157576807	0,121195487	6,166159361	17,2539331	26,91064166	129,3137043	14,36818937
ENSG00000131263	RLIM	1,587030698	9,632502927	1,957372698	21,45652196	1,114340148	9,09060365	22,82095648	32,3769877	17,41132832	129,2666436	14,3629604
ENSG00000167182	SP2	15,14429494	6,552618893	25,26397934								

ENSG00000168434	COG7	50,13870957	17,8679182	0	12,65102933	0,082517818	16,04971342	11,50336913	1,214832969	17,42311146	126,9312019	14,10346688
ENSG00000188770	OPTC	126,6482266	0	0	0	0,264251319	0	0	0	0	126,9124779	14,10138644
ENSG00000189042	ZNF567	18,20108271	14,53098053	0	9,997720238	0,076019802	10,04454381	14,44874272	47,91441125	1,68425426	10,09975059	14,09975059
ENSG00000148843	PDCD11	6,381624726	16,60159672	2,282683295	17,44115599	5,476636139	14,66206609	19,39622181	8,527899422	26,0650322	126,8749114	14,09721238
ENSG00000148339	SLC25A25	18,42961174	5,975611833	22,52675032	27,74584481	0	12,47018314	22,49620013	10,77795084	20,446235	126,8654904	14,09616449
ENSG00000133065	SLC41A1	0,071077409	4,07804547	0,087168422	73,72292635	0	9,988971692	21,85599543	3,678402994	13,31637828	126,798966	14,088774
ENSG00000148429	USP6NL	20,58857585	2,209027884	11,37209108	13,06328453	25,96913928	9,777999768	4,982767726	24,12763319	14,66938393	126,7598582	14,08442869
ENSG00000108726	NOP14	0	1,2054712	0,234318712	21,701813	23,71245363	11,18812543	21,32889881	16,99059451	30,33099228	126,7007676	14,07786306
ENSG00000168769	DUS2	0,723882973	8,606234254	0	71,18681103	0	10,21233849	9,67699327	2,690964143	23,59249265	126,6903168	14,07670187
ENSG000000093183	SEC22C	0,037041444	21,82207232	25,17799992	2,878312013	0	31,84409402	19,62252036	13,3648005	11,86739038	126,61423	14,0682477
ENSG00000115942	ORC2	15,47127606	14,76137576	48,57858358	3,17722294	4,619073174	9,218834994	20,52798778	2,096737952	8,159271086	126,6103627	14,06781807
ENSG00000119431	HDHD3	0	40,25314586	0	0	0,511806474	16,39401423	39,16104899	0,156976042	30,10625373	126,5832453	14,06480504
ENSG00000170653	ATF7	17,6374517	1,276067126	22,31499605	7,123835249	47,80738228	7,147556467	8,548010095	7,903945197	6,796140827	126,555385	14,06170944
ENSG00000020426	MNAT1	39,63875429	6,155439259	2,509492769	33,04593049	0,092627687	8,430328504	3,592263826	27,35865261	5,704342572	126,527832	14,058648
ENSG00000135482	ZC3H10	20,06526878	1,987899558	29,51648068	8,642710506	32,67827929	6,050786308	5,311072286	20,11134699	2,111134714	126,4662371	14,05180412
ENSG00000177000	MTFHR	0,012615676	6,827793457	16,70943991	3,311246964	43,83284746	15,73504885	10,19223852	11,282997	18,51017708	126,4144049	14,04604499
ENSG00000138111	MFSFD13A	0,085712178	3,193977312	0	19,09280302	69,46062504	14,02193757	13,73654967	0,281141152	6,430310754	126,3020567	14,03356186
ENSG00000167985	SDHAF2	23,95211694	10,65251124	15,17066351	20,41826647	0,288216326	10,44726932	15,25582287	11,27084199	14,84087397	126,2965826	14,03295363
ENSG00000197763	TXNRD3	27,6278575	22,25628375	0,073715221	56,3248659	0,095231382	5,323569287	6,421578912	0,262875551	8,772389542	126,2563671	14,02807745
ENSG00000174276	ZNHIF2	27,19064633	2,053154671	0	0	52,24527798	15,3715006	9,126861822	20,24101486	0	126,2284563	14,02538403
ENSG00000183688	RFLNB	4,423562687	2,44371334	34,7763007	0,12173968	15,76903873	6,643754107	17,81408071	7,026639519	7,082800352	126,0980298	14,0108922
ENSG00000143258	USP21	0,040146273	0,071238576	30,05789062	10,27295403	0,190816973	12,73861761	11,30033011	34,6763162	36,73480674	126,0874585	14,00971761
ENSG00000144524	COSP5B	10,86122796	24,04702408	18,78863181	14,06622761	2,782480134	19,96615908	13,9204638	0,108946445	21,53809484	126,0792594	14,0088066
ENSG00000168389	MFSFD2A	0	29,77868481	1,109977935	6,190869417	7,617916421	18,17687626	33,16023998	10,47296682	22,49452541	126,002026	14,00022889
ENSG00000188785	ZNF548	0	0,783404642	0	8,936419354	72,74447214	8,886623975	3,502823747	12,97925908	18,09899584	125,9319907	13,99244341
ENSG00000172992	DKAID	0	1,135393084	0,294262631	13,90302793	0,76035312	20,89981506	44,76023348	28,09976386	16,06647775	125,9192805	13,99103117
ENSG00000111198	ABHD5	7,246261304	29,09104492	39,25378004	8,226589476	0,142714615	10,26364278	8,626189205	11,90597461	11,12764976	125,8838467	13,98709408
ENSG00000183354	KIAA2026	33,463299167	3,597527128	11,18855964	47,06240788	0,042264039	18,0808749	13,54081375	1,24442817	21,08462369	125,8828687	13,98698541
ENSG00000184922	FMNL1	5,313822715	5,628866695	12,22829958	16,25828295	23,76830906	16,41580783	15,13226895	5,301798115	25,79338015	125,840836	13,98231512
ENSG00000102981	PRAD6A	43,36304682	7,208118282	0	17,36059307	0	19,17783548	13,91304085	10,6591796	14,11334477	125,7951589	13,97723987
ENSG00000110200	ANAPC15	14,57118926	25,01914604	3,95323762	12,12809108	3,511465079	8,689731905	9,356961977	3,323830197	17,1471297	125,7039866	13,96710762
ENSG00000198042	MAK16	2,703291459	39,65052673	0	7,740589205	0,406690536	22,05378363	15,62696617	8,305760189	29,12268873	125,6102247	13,95669163
ENSG00000129197	RNAIP	1,179597994	13,93039193	6,77178976	20,93098854	22,3783879	9,892111101	7,261405486	29,26324972	13,95724891	125,5651731	13,95168571
ENSG00000185163	DDX51	33,46376789	10,51620066	13,83551918	23,67279026	0,226251405	19,023925	4,327926084	3,695204645	16,80200091	125,536586	13,95150956
ENSG00000144580	CNOT9	13,45681202	11,50845794	4,099536343	23,08897109	1,357978984	26,91459157	11,00741805	13,18239265	20,94233254	125,5585951	13,95095501
ENSG00000175634	RPSKB2	16,11151118	11,75859158	9,798914324	7,708785606	0	19,97203847	18,05996008	14,83119899	27,19731818	125,5388227	13,94875808
ENSG00000189144	ZNF573	0,193359655	14,63944381	51,99158601	33,27769563	0,076587234	6,192013419	3,532114273	2,959746606	12,64342943	125,5059761	13,94510845
ENSG00000141376	BCAS3	25,53694702	4,944111767	15,33710496	15,032536821	34,61036381	6,753611164	11,24703919	11,22460519	9,818853918	125,5051738	13,94501932
ENSG00000188690	UROS	14,18841384	2,447372431	0,067488491	5,083242121	0,002216583	14,75998416	17,03300562	29,70860516	125,4489578	13,93877308	13,93877308
ENSG00000131355	ADGRE3	0,106528425	17,8635312	63,19956427	0	0	7,60252907	28,61448883	0	8,057498146	125,4441399	13,93823777
ENSG00000106753	RRP15	0,709799558	20,28851492	35,00777684	26,53407575	0	10,86833281	9,605003199	4,278827712	10,4907827	125,4325904	13,93695448
ENSG00000103453	ASTE1	17,461274	9,154541585	0,162229413	0	0	16,26669208	27,20293454	24,6387611	30,4773121	125,4087439	13,93430488
ENSG00000197355	UAP1L1	0	0	0,105555382	1,634868836	70,77349705	5,512052549	19,00993449	8,093043328	20,25363656	125,3803582	13,93144869
ENSG00000248333	CDK11B	14,85978376	10,37820241	13,8671265	16,15881723	0,35610607	14,03200118	8,525363728	15,44175301	12,73432036	125,3534769	13,92816411
ENSG00000177853	ZNF518A	0,166497736	5,761199892	48,98042148	27,86405063	13,06652431	7,053217979	6,532152993	16,11061939	9,811933189	125,3467474	13,92738604
ENSG00000140522	RLBP1	0	0	0	125,34135	0	0	0	0	0	125,34135	13,92681667
ENSG00000134744	TUT4	14,86012341	2,648479537	28,45181827	3,350483037	7,493161881	13,58092627	9,914317239	24,82491936	20,191797	13,92402319	13,92402319
ENSG00000103876	FAH	17,01383767	22,89425657	9,648066742	9,904817557	0,049856663	10,50329349	16,23467297	26,10263347	16,89982593	125,2512647	13,91680719
ENSG00000102151	SEL1L2	10,26047161	18,76373142	0,143030666	17,52375565	0	27,36009253	23,33806278	2,295274845	20,22461511	125,2490346	13,9165594
ENSG00000198585	NUDT16	3,848170742	11,44438754	7,197663681	18,67268349	9,962714577	10,03293368	14,40525792	12,97481016	19,32761528	125,2372721	13,91524745
ENSG00000176619	LMNB2	13,96767743	19,9801824	0	16,54119765	2,926160192	33,18211534	19,46592547	7,411044054	11,91879993	125,2052825	13,91169805
ENSG00000104341	LAPTM4B	0	0	5,130067513	98,75862348	0	5,345257867	10,91046365	1,033577002	3,778549874	124,9656394	13,88405993
ENSG00000104365	IKBK6	16,53465011	3,601943067	24,90222931	10,77033465	0,031947117	15,79257335	24,9690537	8,671665992	19,67411471	124,9469688	13,88321875
ENSG00000159685	CHCHD6	20,72779815	22,02976258	3,52128247	17,4869722	0	14,6515312	14,71313339	16,62382151	14,79776869	124,9136308	13,87929232
ENSG00000122025	FLT3	49,5587445	0,06447271	21,05403491	8,532617587	3,022148108	0	9,593547866	32,97195132	0	124,797517	13,86639078
ENSG00000101190	ARRFAGP1	1,897454972	10,22266022	15,05550309	8,687294388	47,80899974	12,44956824	15,66006413	2,499505400	10,59971844	124,6816688	13,85351876
ENSG00000186654	PRR5	34,91602768	5,372049229	12,72949364	6,024257189	0,068520806	15,499145383	10,84488846	23,51690397	15,28331446	124,6486593	13,84695547
ENSG00000139946	PEL12	17,84751452	0,816458013	36,26214753	7,234254095	0,63305977	12,89529322	11,38080255	22,66442258	14,86176516	124,5957179	13,84396866
ENSG00000108854	SMURF2	22,69587577	9,033482049	2,04255445	17,25620849	0,090575085	32,3632582	26,19691113	13,97234758	17,41747526	124,5528124	13,83920138
ENSG00000111445	RFCS	20,13877411	24,942487	0,171117328	8,816475956	0	7,608702964	12,47365874	16,17085141	34,09188282	124,493912	13,83265689
ENSG00000131368	MRPS25	33,84584184	12,78055335	6,314200722	7,24569161	0,066862324	14,08587283	20,74430363	11,81222062	17,09331261	124,4677371	13,82974856
ENSG00000102125	TAZ	14,96694961	10,76695332	21,48683382	18,90326987	0,060083243	10,27052257	13,225081	17,30400195	17,47461026	124,4583056	13,82870063
ENSG00000187742	SECISBP2	2,571636126	19,81075615	33,62505273	19,43783414	5,708991908	11,36216924	11,96782133	0,505097168	19,05244078	124,31	

ENSG00000188419	CHM	0,08740778	26,55362703	6,045842042	25,32675193	0	20,21099459	15,53138075	17,54621315	11,11553124	122,4177485	13,60197206
ENSG00000163516	ANKZF1	46,00735302	5,609115217	3,861465667	17,44115127	0	13,77391289	8,755651539	11,93403943	15,00378853	122,3867476	13,59852751
ENSG00000008294	SPA69	27,22667477	4,907496074	14,31019062	11,25208481	3,93150577	17,57266079	21,69464459	5,881879897	21,37059225	122,3308886	13,59256564
ENSG00000198692	E1F1AY	24,11458771	31,45986181	40,28396662	0,064860794	0,178532211	0	0	0,246409073	25,96215399	122,0130722	13,59004136
ENSG00000132024	CC2D1A	12,2351881	6,864520344	18,9218444	11,94110097	0,498873347	16,49557431	26,16973982	5,96736962	23,26342549	122,2996375	13,58873732
ENSG00000000081	ZNF195	4,258098687	15,89023551	4,177653268	2,08330917	36,18467253	10,48363306	3,782002152	12,86637886	11,55292189	122,2788961	13,58654401
ENSG00000175538	KCNE3	8,30142379	11,15739081	27,2158922	0,56712754	0	16,37898813	25,08041719	20,12981864	13,4443158	122,2760751	13,58623057
ENSG00000165724	ZMYND19	24,13220652	25,89498412	0	16,25389265	0	19,69841295	6,976402239	13,12344466	16,16056175	122,2399121	13,58221245
ENSG00000115523	GNLY	6,636780226	6,679381189	47,83335037	38,28436023	22,12851457	9,842613695	2,302962501	0,108303693	6,274071384	122,1607872	13,5734208
ENSG00000127899	MTERF1	0	25,16915706	55,36863321	1,387384323	0	5,86963799	2,386245578	16,96095633	14,93613154	122,078146	13,56423845
ENSG00000221963	APOL6	1,020915927	10,94946468	0,552369794	29,21745816	10,84666993	21,13237549	16,09361139	16,28371043	15,95344215	122,050018	13,56111311
ENSG00000006840	GRIPAP1	38,39061129	7,682478003	13,28745686	5,95027862	0,05249489	10,06474044	21,12875639	8,549469149	16,92477465	122,0310803	13,5590067
ENSG00000114999	TTL	15,92761133	12,81899454	17,44223507	24,15265881	3,173384513	16,78091084	14,73259397	11,113352325	15,72547496	121,8672164	13,54080182
ENSG00000134256	CD101	16,69795491	9,176228321	0	0	0,093811336	40,22074587	29,76151031	0,08632042	25,77965082	121,816224	13,535136
ENSG00000115138	POMC	3,144043083	14,9936359	0	33,25309169	27,08558837	14,2393993	3,018467025	7,94933615	18,12547356	121,8090351	13,53433723
ENSG00000166430	CGAS	12,99681238	4,111425013	0	12,62790246	0	18,12535289	23,41671984	19,23708671	31,25641079	121,7717101	13,53019001
ENSG00000000923	DNAJC11	8,948314336	10,18127209	0	20,3408685	0	20,2043374	22,11713899	1,170141017	35,6483099	121,6781983	13,51979981
ENSG00000155363	MOV10	17,71352979	7,621181444	0,042707036	38,28436023	2,648278082	15,67598781	18,31261567	8,528653717	12,81995522	121,647269	13,51636323
ENSG00000197223	C1D	8,692761116	33,92022509	11,02294724	2,25886183	3,409661111	20,61720375	10,47629971	17,25530973	13,90864786	121,5619174	13,50687971
ENSG00000169193	CDCDC126	17,16875105	17,00928955	0,783704818	3,163294025	0	23,85519992	20,37522166	21,14706705	18,02402133	121,5265494	13,50294993
ENSG00000175130	MARCKSL1	18,37567098	7,458024582	6,65282255	30,38052744	0,23228819	10,1950225	16,96203065	25,00701449	6,2505982638	121,514384	13,50159822
ENSG00000164944	VIRMA	23,54660305	9,580943855	5,237119266	5,44875817	0,23330142	10,3472768	11,93569284	32,56812164	22,56030173	121,4581188	13,49534653
ENSG00000140995	DEF8	5,478189767	20,50377518	0,889197575	5,763224877	0,86566503	21,2031948	21,92147309	17,41513486	17,32491571	121,3840779	13,48719676
ENSG00000167074	TEF	7,391627234	0,171081667	30,62392413	20,92141332	0,152750975	50,0664761	19,1281137	5,973402533	16,40287255	121,3505313	13,48339237
ENSG00000180228	PRKRA	14,00252392	25,46831352	6,940558456	11,75382768	0	15,75830188	17,05233856	12,3328217	17,98669045	121,2953752	13,47726402
ENSG00000167566	NCKAP5L	10,79628057	4,905440793	17,4897244	5,063880224	20,19758736	11,34098256	22,53502996	6,045032879	22,78859704	121,2625568	13,4625066
ENSG00000165861	ZFYVE1	22,0954021	3,951566317	0,159605798	2,696744235	0,06191189	16,44816818	26,5588875	21,56520335	27,42347726	121,1052466	13,45613851
ENSG00000100239	PP6R2	0,282502469	5,263583849	9,042538273	2,195190476	0,067137323	23,82114842	23,80863469	17,17345481	39,43462381	121,0888141	13,45431268
ENSG00000100425	BRD1	16,58341647	21,08467009	25,5646551	6,869057451	4,849621512	19,39877512	9,02957432	16,77590881	0,921290452	121,0769797	13,45299775
ENSG00000157045	NTAN1	7,173375494	16,21429444	11,7035984	28,60773386	0	11,5795175	10,17518657	19,04737264	16,48934953	120,9904284	13,44380894
ENSG00000187626	ZKSCAN4	0,0286261	25,83111299	0	48,07724467	0	10,70691152	17,62592954	9,395071879	9,316660674	120,9811974	13,44235526
ENSG00000125814	NAPB	0	0	0	0,64809986	99,28220936	8,400134281	3,26021497	0	9,37393481	120,964652	13,44051688
ENSG00000111364	DDX15	15,96759704	0	3,258339159	1,460797618	38,51278052	11,37805215	13,7129018	12,19763711	24,41755392	120,9119593	13,4366215
ENSG000000065485	PDX5	18,83773281	9,625948368	10,25252394	0,460415907	0	11,42241492	11,44456581	39,567657045	120,8637791	120,919766	13,42441844
ENSG00000118873	RAB3GAP2	25,81575736	25,43239893	0,161256946	2,901239687	0	5,80678998	16,44955721	20,95765899	23,28696364	120,8116263	13,42351404
ENSG00000135473	PAN2	14,02784204	10,31032134	0	35,33121189	1,282210396	7,951495643	20,63163853	12,88703889	18,68163338	120,8033921	13,42259912
ENSG00000008962	RBM41	0	10,81182298	36,54155702	29,6390653	0,117724157	4,106293572	10,38559542	3,953732737	25,22242451	120,7780368	13,41978187
ENSG00000165671	NSD1	9,616925236	1,990339509	32,90618354	17,46527907	0,695380254	16,673515	17,94631483	7,571436873	15,88206258	120,7474369	13,41638188
ENSG00000101846	STS	4,430286748	0	57,3778886	4,321572958	0	6,589068858	8,968289635	0	0,028496967	120,6867275	13,40963639
ENSG00000151657	KIN	17,50026154	10,67718291	21,77294533	7,26050152	4,295163138	15,87475763	14,75045035	17,39890299	10,68021146	120,6759255	13,40843617
ENSG00000107863	ARHGAP21	3,697847418	8,100027271	20,05862134	23,92761554	4,152578251	10,42518055	16,10564997	17,830908	16,37568406	120,6740079	13,4082231
ENSG00000148481	MINDY3	13,33001849	0,854164666	42,64041705	6,393897932	0,175994875	14,06641988	8,30114914	19,67547168	15,2101785	120,6477122	13,40530136
ENSG00000003272	IFTF8	0	1,491871707	0,04548848	17,11723003	0	3,502285124	4,024248907	23,14264537	7,268420688	120,6464012	13,40515569
ENSG00000116539	ASH1L	9,768376326	1,282496675	19,79785026	14,43030276	1,449244996	19,2675641	11,78657853	19,63197677	22,70824781	120,5818305	13,39798117
ENSG00000138074	LSC5A6	36,42554379	17,65859986	3,13399814	1,120694236	0,064265548	17,69554469	32,3779919	0,118265712	11,97293272	120,5678306	13,39642562
ENSG00000145604	SKP2	0	12,71875007	29,05134733	16,66121157	1,310306383	12,02062557	15,10745202	19,20430426	14,48217262	120,55661716	13,39513018
ENSG00000085788	DHD2	26,20324606	16,86238294	22,73578575	9,547592651	0,033606358	9,082695805	8,359992175	9,771413376	17,94812006	120,5443852	13,39387058
ENSG00000204569	PPP1R10	12,62882248	6,082421378	6,359021872	11,53699137	28,56426889	10,78004132	12,9281234	14,16511122	17,54145376	120,4951147	13,38834601
ENSG00000164187	LMBRD2	19,08784148	4,237876438	0,033283058	1,020125278	0,12899337	22,78489362	14,12142147	18,87180181	2,047159968	120,3347971	13,370533
ENSG00000121741	ZMYM2	6,790987608	11,59756484	53,22935522	0,026370799	21,53986632	12,21718756	14,55872672	11,40899491	120,20540681	13,35615623	13,34987058
ENSG00000109689	STIM2	16,77604833	35,1724541	0	11,20159681	0,025405316	11,201452376	16,41318319	3,506877714	11,92289876	120,268880	13,34098755
ENSG00000114416	FXR1	3,63036001	24,63726816	4,869450951	3,076545094	19,93081189	12,63122464	13,56778729	24,6838017	10,26741777	120,0146675	13,33496306
ENSG00000054965	FAM168A	0,881133463	22,98262864	4,652386594	13,36231019	0,136598531	23,70752123	18,4538589	16,75844136	17,79055716	120,0966532	13,33183747
ENSG00000198515	CNGA1	0,042197869	0,074879084	66,91394731	2,33172834	12,83637124	0,926615899	24,17607626	34,41834507	0	120,0196674	13,32907694
ENSG00000125536	FAM193A	18,84810682	8,014590605	0,679071948	8,811570489	19,7462404	9,178843516	18,01190712	22,88683166	13,62002103	119,8155672	13,3128408
ENSG00000141096	DPEP3	0	14,37885799	0,163806776	74,26729094	0	4,692815369	5,323431882	20,84070756	0	119,6609105	13,29565672
ENSG00000165028	NIPSNAP3B	20,23754357	11,47819219	24,98364655	8,064420174	0,701650616	14,91132359	5,905797155	22,18548521	11,19040338	119,6584597	13,29538441
ENSG00000134028	ADAMDEC1	22,74716138	0,109984413	7,525302105	0,214056883	0,147300058	16,53661614	0,102928902	72,24020693	0	119,6235565	13,29150628
ENSG00000040933	INPP4A	3,873160907	6,608489424	43,88826168	25,03902006	0,048940417	10,80176709	13,40621049	1,378167985	11,21815665	119,6136292	13,29040325
ENSG00000124164	VAPB	11,42073279	12,26081512	4,96346138	30,17330268	0	8,511048007	16,86766957	24,19336701	11,20170819	119,5921048	13,28801164
ENSG000001684136	IL15	10,9361383	11,81377273	24,45914279	0	32,51025999	9,142355293	9,144231916	15,31343539	6,205895805	119,5252322	13,28058136
ENSG000001006814	PPM1A	15,06410073	9,188035276	0,280151271	13,32396612	30,85388812	16,73457652	10,7588149	14,26416122	9,021524303	119,4892185	13,27657993
ENSG00000163029	SMC6	0										

ENSG00000168758	SEMA4C	13,89522489	5,308047256	12,82507162	8,664507458	0,057330387	18,77883124	23,33539859	3,006827961	30,5293856	116,400625	12,93340278
ENSG00000167772	ANGPTL4	18,92698057	0	0	0,105428273	96,05487395	1,27365952	0	0	0	116,3609397	12,92899331
ENSG00000112739	PRPF48	10,81025912	14,66525828	14,34587057	10,84550098	6,262934954	10,84550098	15,71914469	27,7550924	12,21485032	116,320772	12,92253023
ENSG00000112304	ACOT13	10,24282176	16,41561175	8,287526847	15,23010461	0,245187216	14,72579083	14,96277969	24,44042659	14,42277289	116,2784422	12,91983135
ENSG00000025772	CNPY2	10,96164789	12,7009957	9,115611063	15,29827443	26,76430839	6,264924062	8,228925385	18,05952423	8,802932324	116,971435	12,91079372
ENSG00000131323	TRAF3	27,37656109	11,55252959	18,77198296	13,76832251	0	14,93857789	12,43618564	5,58614553	11,85297319	116,0557447	12,89508304
ENSG00000175471	MCTP1	10,68236387	11,00160742	24,58108411	13,44714113	0	8,989281805	8,635231717	28,20816227	10,53063676	116,0555091	12,89505656
ENSG00000070674	NDST1	4,766894974	3,806432178	8,067561232	13,30740933	41,76487927	12,59594494	15,48918715	10,87550154	5,198230802	115,8720414	12,87467127
ENSG00000111859	NEDD9	4,215750065	17,00639966	6,4671149711	16,5996861	0,138668807	14,943003	10,05313018	35,2476298	11,17698459	115,8484019	12,87204466
ENSG00000105443	CYTH2	32,26865609	17,18085461	5,77822128	9,813369344	0,038478254	11,76822048	14,33101617	12,49795375	12,12691868	115,8036887	12,86707852
ENSG00000122550	KLHL7	10,56448088	0,075896405	9,795788939	23,85564585	18,9062731	21,10863409	13,06908638	12,2054039	6,1808566	115,7620715	12,86245239
ENSG000000015532	XYLT2	27,53239016	4,410230265	24,38421921	19,59873439	1,312564117	11,40028817	16,18824093	0,301932171	10,63047542	115,7590748	12,86211942
ENSG00000188636	RTL6	22,25248854	0,544300056	0,820756889	34,81380082	0,066270076	12,58336354	12,15573432	17,13454761	15,26143244	115,6326943	12,84807714
ENSG00000100908	EMC9	12,02262171	10,11220616	27,78053786	19,84483465	0	10,21950755	11,98710903	8,099904546	15,30225922	115,4086107	12,82317897
ENSG00000168575	SLC20A2	1,38784615	13,60745517	3,591585961	6,092815409	19,50996611	19,60244827	17,53928365	15,22550311	18,8334505	115,3903543	12,82115048
ENSG00000182093	WRB	0,05198162	19,24743631	21,45173794	6,432865444	27,26015515	11,56675045	5,078663823	13,10977644	11,12394045	115,3233076	12,81370085
ENSG00000198113	TOR4A	11,7381053	7,393030451	25,72532203	2,815169949	0	21,55922622	25,539274	7,44685911	13,09970692	115,316739	12,81291791
ENSG00000198743	SLCSA3	0,310605067	3,361628049	10,71927409	3,699925284	70,54427254	6,971514809	5,033566838	7,942314523	6,973663381	115,2592246	12,80658051
ENSG00000119718	EIF2B2	23,62840409	9,520126199	8,590996437	15,40841186	0,06060283	9,705585613	15,85690178	16,04759489	16,41028894	115,234369	12,80381878
ENSG00000108056	INTS2	53,26616963	9,138025736	0,096666315	25,52789134	9,803254328	9,846553295	10,71886342	0,15320949	6,398100975	115,2287345	12,80319272
ENSG00000043514	TRIT1	13,02238654	6,48498944	0,085100291	17,57406839	35,40053532	9,472622855	8,892203322	7,637474314	16,64169838	115,2110788	12,80123098
ENSG00000116809	ZBTB17	0	0	2,819137796	1,53853169	26,01994637	16,90409649	10,06130021	1,16899021	22,48567593	115,197677	12,79974208
ENSG00000127081	ZNF484	26,44434987	0	63,68478497	6,149082393	0,07358966	11,841781797	12,80414454	0,203136005	1,942248491	115,1431177	12,79367975
ENSG00000096996	IL12RB1	21,62238273	4,117583063	0	12,93139823	16,71091402	11,50333919	16,31873327	8,456910755	13,39296616	115,0542274	12,78380305
ENSG00000185305	ARL15	14,32869549	17,14697527	0	35,36355577	6,237304683	17,46427123	11,16025585	3,826084466	8,949977257	114,98112	12,77568
ENSG00000155324	GRAMD2B	0,039086572	16,66929084	8,310234596	48,12111861	0	9,624193026	4,123554764	11,64469472	15,6005837	114,9138315	12,7682035
ENSG00000158186	MRAS	25,76461791	32,5643848	12,61526815	13,3010957	0	11,85075548	5,373290025	9,926765531	3,504296841	114,9004744	12,76671938
ENSG00000150456	EEF1AKMT1	41,64286824	0,200255415	0	0	0,268198314	28,7462687	27,54912443	0,246777123	16,23901651	114,8925087	12,7658343
ENSG00000162298	SYVN1	5,966338034	5,317954514	3,23703172	25,35285234	37,83279786	8,150628768	10,43303161	12,86626591	5,680898061	114,8377988	12,75975542
ENSG00000155846	PPARGC1B	2,309627001	4,452043449	28,83539393	17,49149027	34,63287339	11,05727251	5,831075248	8,445382356	5,363868903	114,8190271	12,75766967
ENSG00000077454	LNC4	4,89472623	8,891599272	5,194794599	11,84234885	8,628590167	16,8544818	18,72270515	7,057194641	26,68752926	114,728889	12,74765433
ENSG00000176771	NCKAP5	1,769777676	14,77683092	1,860370839	23,7939686	0,075105624	24,27155671	19,62811008	0,691068843	27,79049747	114,656615	12,73963289
ENSG00000160216	IGATP3	18,2952384	4,986156559	13,04683831	12,24688716	16,650923	7,450146075	15,73091292	4,910233525	21,30859029	114,6259817	12,73622019
ENSG00000104042	ADPS	11,6088818	8,886134713	13,19014672	17,11826377	10,15374411	13,85265844	14,75656665	2,204319258	17,36893329	114,5838089	12,73203432
ENSG00000103528	SYT17	36,55093326	10,83940491	13,70557943	3,907972449	0,142790275	13,28164193	18,7748184	3,810179904	13,47356497	114,486885	12,72076506
ENSG00000187210	CNTN1	9,915048794	8,521646095	4,597444076	5,274547644	46,38908908	17,80879934	11,75902906	10,07270004	0,140625409	114,4789295	12,71988106
ENSG00000118620	ZNF430	24,57675948	5,809547067	0,08138782	4,454639288	0	10,2252017	12,89418432	24,62175302	3,16681821	114,4226548	12,71362831
ENSG00000173888	PHOSPHO1	3,690279199	0,451607579	63,20389619	13,29350028	7,409161926	6,007709304	9,984796947	2,226085507	8,138121396	114,4056083	12,71173426
ENSG00000164889	SLC4A2	8,855416119	11,78753128	10,1664097	0	0,1664097	17,9279857	17,25424249	4,801559105	0	114,3948205	12,706358
ENSG00000162303	ENPP6	0	8,541034456	13,01055285	12,38239641	68,01055948	9,311124456	2,990625465	0	0,040270102	12,6865632	12,69850702
ENSG00000112434	FBXL4	0,074457044	16,05284701	0	16,90790493	0	4,94584375	10,94271927	43,91954895	10,94279804	114,2704914	12,6787126
ENSG00000148400	NOTCH1	7,144338476	11,97175017	28,58447488	12,63102847	0,067509642	11,69593273	13,16147105	9,597169035	19,40741482	114,2610803	12,69567559
ENSG00000162775	RBM15	0,453008135	20,09629551	0	4,805225615	68,13236457	5,755356194	9,564761926	0,707568667	4,576520356	114,0911019	12,6767891
ENSG00000101400	ZMYND8	4,875173821	9,987190561	4,885158461	36,03496238	8,100749808	9,16043971	11,56795323	21,66748049	7,799406047	114,0768589	12,67540655
ENSG00000135197	RBMY2	23,286486135	18,47927639	13,8690717	10,11521079	0	10,12376096	8,646914481	19,09546496	10,47303522	114,0713859	12,67459843
ENSG00000137955	RABGGTB	21,56899193	11,77650676	18,97026351	16,52882018	0,121323494	10,98597062	9,812966844	13,116971273	11,17590573	114,0576618	12,67307353
ENSG00000172732	MUSB1	14,95018311	17,27566851	25,71622061	35,62939821	0	13,88678836	11,92981497	4,791543839	21,59340099	114,0231602	12,66924002
ENSG00000142856	ITGB3BP	5,674604687	12,27981316	0,152764297	30,37315771	30,19508187	12,4303766	8,389205199	0,484241901	12,32394964	114,0031951	12,66702167
ENSG000000052795	FNIP2	8,105284229	9,376789731	0,911327162	10,4079336	0,065407074	22,49711763	21,30973232	12,06688442	29,26223814	114,0025142	12,66694602
ENSG00000126746	ZNF384	4,608274496	10,40272959	50,11260615	3,726923011	0	13,48163536	9,033088947	15,88075802	6,743707043	113,9897226	12,66552474
ENSG00000162377	COA7	12,2148711	0	9,985302945	29,44010803	0,259728213	15,51911855	19,60095833	4,62034834	16,30861478	113,9490498	12,66100554
ENSG00000136842	TMOD1	0	22,1749641	31,98737265	0,922784157	35,6577538	7,176219177	4,368934303	0,08989708	11,52693337	113,9048513	12,65609451
ENSG00000116793	PTHF1	53,10999136	24,30854952	0	4,39897785	13,37299635	9,626052986	12,49453515	9,585828458	8,768858781	113,8470428	12,64967142
ENSG00000100722	ZC3H41	1,892660257	15,94958368	18,62644058	7,219888572	0,07102464	16,19757511	11,14999712	24,75348006	17,98457631	113,7913042	12,64347824
ENSG00000156253	RHWD2B	17,798979427	13,02199823	18,1094527	22,40788062	25,94749196	9,776785539	19,95190059	6,458004577	12,54725949	113,7123357	12,63470396
ENSG00000154447	SH3RF1	22,05162837	10,09452705	28,143453	1,525935524	0	12,97692376	26,04793442	3,562799613	5,196366577	113,6995683	12,63328537
ENSG00000185049	NELFA	26,14915825	2,484887954	0	5,953536406	28,19682919	18,98117634	13,61464091	10,57836021	11,83656031	113,6770496	12,63078328
ENSG00000185482	STAC3	31,50489606	8,207120041	1,196471014	15,22432659	0	18,40806016	13,261092	3,300254100	22,84196854	113,6500214	12,62778016
ENSG00000139190	VAMP1	0,886402789	0	0	3,07022034	69,60997753	2,780624191	0,245333051	6,830211731	0	113,5595713	12,61773015
ENSG000001066518	WDR3	0,441155812	8,715397823	10,84760799	3,148698945	15,48161456	11,81846459	14,83519398	20,61196553	27,59846175	113,4985519	12,61095021
ENSG00000119383	PTPA	9,9511582862	9,86938016	2,718510925	12,40170391	73,31516045	16,25475245	11,07424868	7,168032937	10,57448206	113,3136537	12,59040596
ENSG00000107560	RB11FIP2	20,20381074	4,532906103	0,299041139	18,60708481	47,7329296	6,323316893	10,85597002	15,58898962	14,0520192	113,2568882	12,58409869
ENSG00000196498</												

ENSG00000124813	RUNX2	17,63448554	10,86708301	0,305398058	27,80715733	0,043837591	16,20220476	16,98566872	0,121008753	20,59919949	110,5660433	12,28511592
ENSG000000182150	ERC6GL2	16,17373753	7,200876741	0,053705583	22,13107686	0,069381287	18,99188885	7,526765473	32,55827462	5,798727463	110,5044326	12,27827029
ENSG00000018412	CASP8PAP2	2,829508911	16,44096708	19,56168852	7,728094952	0	10,51788994	9,643295618	19,77511975	23,62785944	120,4694242	12,27438047
ENSG0000000257365	FNBT	12,465770832	8,386100188	8,91481367	12,17189386	21,22534109	9,718059224	8,945539175	15,93932979	12,70829651	110,4650818	12,27389798
ENSG000000101191	DIDO1	17,510666989	2,119939011	22,66790507	5,402990589	0,621918792	14,65349796	13,68921851	17,09273006	16,69414209	110,4530091	12,27255656
ENSG000000124571	XPO5	0	5,121920058	27,13919608	17,1409625	0,017118867	14,75021517	15,01619938	7,324808241	23,03085661	110,4090107	12,26766785
ENSG000000138376	BARD1	15,40641317	15,61682806	17,03417405	12,23348072	0,24427039	6,398030692	5,484770192	25,65973662	12,51739651	110,3982571	12,26647301
ENSG000000197562	RAB40C	32,88154455	2,949433765	23,13177294	8,860058918	0	20,15365207	10,92089929	3,31856811	8,176891461	110,3928211	12,26586901
ENSG000000108443	RPS6KB1	10,40517116	15,85093024	36,90909209	0,881422546	0,13997046	8,98852936	13,56259742	19,96259243	3,645943207	110,3470782	12,26078647
ENSG000000148606	POLR3A	0,017003552	25,49566671	1,98084389	16,20750602	0,363683794	6,870157784	25,87905014	21,5282564	12,06632647	110,3356948	12,25952164
ENSG000000174130	TLR6	0,12519517	15,15102271	34,91448468	0,172947788	0,357034839	23,91751479	14,76121553	0,711789458	20,17058361	110,2817886	12,25353206
ENSG000000188677	PARVB	17,88097527	12,45992814	13,104282974	13,3234392	1,309762751	14,70178824	12,54194863	7,097000707	17,57295226	109,9926249	12,22140277
ENSG000000181284	TMEM102	14,97620029	5,91952748	14,75422789	19,97764249	0	18,93671683	21,56981753	8,225942733	5,586743741	109,946819	12,21631322
ENSG000000171606	ZNF274	18,82308561	13,19311413	2,03489572	15,46884405	0	8,859979195	13,62662312	18,6372551	14,29164068	109,9354376	12,21504862
ENSG000000224051	CTPT	34,42127285	12,0690137	0	9,191447246	3,935534711	23,24696143	13,84838889	1,293285979	11,92909184	109,9349967	12,21499963
ENSG000000255561	FDXACB1	7,744895483	14,64926725	0	8,964817488	45,10459698	9,718220207	11,23614913	0,093053947	12,35138813	109,8623886	12,20693207
ENSG000000199X22	SNX25	15,9785492	10,1564932	12,55818557	40,46062143	0,070845836	6,447895761	13,73762759	3,846052374	6,59940304	109,856574	12,206186
ENSG000000196865	NHLRC2	23,72421149	9,246275865	0	24,71477127	12,92733557	8,219395941	11,93997279	5,15245915	13,90992415	109,8343462	12,20381625
ENSG000000076924	XAB2	4,124444976	1,671205244	10,15616093	21,6464432	23,23111546	14,94015294	20,65550053	7,385599618	5,991183826	109,8018562	12,20020625
ENSG000000173065	FAM22B2	0	0,048629307	11,54469399	20,4432189	43,96161427	14,41261629	8,100732353	2,996323608	6,233983985	109,7317227	12,19241363
ENSG000000138593	SECISBP2L	0	6,623104278	33,09980906	28,23732758	0,125521686	8,891863601	9,7505198	13,975033673	8,964285241	109,7034171	12,18926857
ENSG000000171353	ESRRA	10,80062558	7,579062381	9,753687684	5,679871117	0	22,53106597	17,97674347	21,90014678	13,46451412	109,6857171	12,1873019
ENSG000000113360	DROSHA	0,097114763	11,99401234	31,51393924	20,69368629	1,846362686	2,047225625	20,30426067	1,104280046	20,04180362	109,6426853	12,18252059
ENSG000000100271	TTLL1	33,57113856	2,009629551	0	33,80420977	0	10,74688425	14,10533711	0,707568867	14,62496722	109,5697351	12,17441501
ENSG000000134056	MRPS36	17,72663933	20,12354972	11,76824024	7,364425197	8,062292484	17,45306901	12,71604391	13,77693835	11,08641858	109,52636409	12,16923943
ENSG000000161021	MAML1	19,75301577	0,134812469	18,2618064	14,29960394	15,70800713	9,231156606	15,37100933	2,381211061	14,23359488	109,3742176	12,15269084
ENSG000000152127	MGA75	0,051720674	17,74146469	26,76727935	4,733446773	32,36769634	10,63796282	6,724330427	2,111162097	14,184977	109,3440402	12,1493378
ENSG000000077152	UBE2T	0	0	39,71144271	33,79535493	0	21,79333847	5,544391184	0,200020925	8,099484828	109,3084966	12,14538852
ENSG000000166920	ST10f48	0	22,52011104	1,582804834	13,00031902	0	4,13300369	3,393503641	62,55914232	2,11640177	109,3058262	12,1450318
ENSG000000004866	S7	16,70418867	20,86293831	23,72487777	2,396957788	0	13,87919983	15,50234152	9,116112364	7,056765011	109,2433863	12,1381537
ENSG000000106100	NOD1	0,199412777	13,72163607	7,825832699	17,25537735	0,052656531	17,27729484	5,648004681	22,33582634	27,79527677	109,211269	12,13458544
ENSG000000154127	UBASH3B	34,81072383	2,452883089	4,124425833	27,40287752	0,00602198	7,125788937	8,51025992	18,54178938	6,157656497	109,1843739	12,1315971
ENSG000000135250	MYCL	15,83266582	17,26959159	0,043666368	11,88676447	14,21577453	12,6497059	10,34745905	18,06334111	7,779859403	109,0888282	12,12098092
ENSG000000116990	SPRK2	19,81777976	1,80067707	0,109808453	36,6021693	0	12,190115	11,1765988	7,962278735	9,092749287	109,0150036	12,11277818
ENSG000000120278	PLEKHG1	1,526665956	21,72437401	0,135020448	20,40369648	8,6572252	1,627838376	8,629589572	0	8,954718733	109,041018	12,10045576
ENSG000000105364	MRPL4	7,16585538	9,091792632	18,30434067	8,719230382	1,058823221	23,3579284	12,70117366	13,55837169	14,93164933	108,898962	12,09877402
ENSG000000103522	IL21R	5,401752755	4,276508526	14,21749727	7,175113875	0,13166546	28,58954026	29,60225798	3,997925107	15,46733659	108,8595978	12,09551087
ENSG000000223501	VPS52	17,95972507	4,296956155	11,13652745	0	31,73150775	16,09939378	12,37111016	3,971392532	11,29225475	108,8594005	12,09548895
ENSG000000005620	HEBF2	13,42945566	18,64975271	5,477969493	16,18240472	7,666632231	11,23486421	13,368796	11,04427747	11,77698209	108,8311346	12,09234829
ENSG000000168495	POLR3D	0,027066196	4,082405518	6,223806622	10,130973182	32,67628721	6,389176785	10,18055891	18,82109842	17,37630031	108,8164381	12,09071534
ENSG000000166816	LDHD	0	9,548083089	30,52007021	0,10612537	0,152232956	27,64004097	19,25403145	5,624664023	16,5442006	108,811936	12,09021511
ENSG000000102543	CADACD1	19,05018067	12,70255916	0,071959643	0,427830656	35,60497508	6,313449334	8,08752593	0,08553833	26,41204782	108,8010666	12,0890074
ENSG000000003371	FUT8	19,03209439	10,40551045	45,80448198	0,052939189	0,005399633	7,428831793	6,460785752	3,748213005	8,016364916	108,7738538	12,08598376
ENSG000000172869	DMXL1	12,74719288	7,056368423	0,081280731	39,80784298	10,29050268	8,234889004	10,26325303	7,777772715	12,44410924	108,7032117	12,07813463
ENSG000000158467	AHCYL2	9,7347289	14,70128201	0	1,674123488	0	4,282031507	11,58103239	0,433641165	16,23243903	108,6392765	12,07103072
ENSG000000124782	RREB1	9,371062398	5,905526836	18,62437663	10,3896098	20,98009057	10,3369578	11,80965684	12,77384123	8,433860377	108,6249825	12,0694425
ENSG000000179761	PIPOX	5,150506273	7,733513374	0,072884137	0,889395561	42,93592011	15,44264676	9,93498696	11,5227575	14,86187449	108,5445753	12,06050836
ENSG000000158792	SPATA2L	11,93944946	14,55876338	16,44452774	6,872274453	0	11,42820018	27,91053982	1,071100705	18,2985028	108,5233568	12,05815905
ENSG000000136371	MTHFS	13,97289697	10,18052909	4,936572487	24,12809624	17,3731083	11,37904751	8,835938873	5,261052514	12,40494239	108,4721571	12,0524619
ENSG000000084444	FAM234B	21,0789112	5,035155292	26,92802747	2,37678422	4,281580237	7,09632422	0,091863232	14,77352761	1,163271823	108,4254453	12,0472717
ENSG000000105983	LMBR1	31,40092745	0,226873678	5,040954588	3,64280149	0	14,41663104	16,19999379	24,12767846	17,83145142	108,3873146	12,04303496
ENSG000000127947	PTPN12	0	0,38825991	0,503131401	45,1028746	0,454990551	11,20084074	18,80351763	18,18137711	13,6904135	108,3253183	12,03614648
ENSG000000165496	RPL10L	0	0,330224138	0,684680047	0,964054573	103,0747251	0,408646741	0,309040227	2,034696403	0,457750055	108,2363574	12,02626193
ENSG000000128309	MSTP	16,82328694	11,741129	20,06720241	8,91656496	0,106247794	12,98323892	10,4496741	11,68252391	15,42306198	108,20193	12,02243667
ENSG000000111224	PARP1	0,024372673	11,11491839	0,538025998	27,53443119	35,1587584	9,392679423	6,556836705	8,314160086	9,562103323	108,1862936	12,02069929
ENSG000000178718	RP25	20,7659382	13,27128043	0	0,770224589	0	19,48048096	26,99525674	7,586231462	9,264897142	108,0803041	12,00892268
ENSG000000129993	CBAF2A3	12,55037559	9,428971872	16,33800816	11,88451324	0,300667735	10,52915415	14,91693498	17,59514274	14,47063511	108,0146756	12,0016084
ENSG000000100263	RHBDDB3	8,168138955	13,50999066	0	14,45285478	0	13,67364446	18,08581362	16,64852175	23,37809106	107,9170553	11,99078392
ENSG000000158156	XKR8	0,661074316	0	37,49640416	12,84222442	0	20,92783797	9,834532038	0	26,15266409	107,914737	11,99052633
ENSG000000114290	FBX03	15,95366301	15,81361305	15,43341221	11,9292946	24,35282064	5,425486479	6,542684032	4,752353173	7,690097941	107,8934251	11,98815835
ENSG000000122591	FAM126A	7,952090863	8,081802472	23,46697297	7,306683198	2,427306652	14,79489514	12,80751027	16,84193016	14,24067082	107,8748628	11,98609587
ENSG000000079263	SP140	1,164054916	18,44617127	25,24828201	28,56470598							

ENSG00000105486	LIG1	12,29381924	3,262068128	24,51770946	23,88729542	0,382272323	9,965735675	14,67254947	0,050248566	16,08069817	105,1123965	11,67915516
ENSG00000171813	PWWP2B	9,24817244	3,444211561	0	2,267285386	70,14120491	1,441610602	9,954200877	4,119509513	4,493455771	105,1096507	11,67885008
ENSG00000151413	NBPL	20,7851694	6,32377049	5,67680044	24,30580066	18,12147809	6,120548284	8,271748067	8,761181263	6,271748067	105,0834087	11,6759343
ENSG00000197860	SGTB	20,65995754	11,14332042	0	1,412429581	0,250824196	14,22421742	19,5424369	30,63746383	7,171657311	105,0423072	11,67136747
ENSG00000117174	HNH1T6	0	11,7579597	0	4,169542833	9,263067351	14,41654052	10,98345805	40,43202269	13,75198351	105,0219547	11,66910607
ENSG00000130529	TRPM4	0,640686853	11,16581618	48,99588662	0,34628213	0,108757584	9,220045677	14,57234171	3,452450811	16,37835956	104,9689716	11,66321907
ENSG00000140829	HDX38	0,838172737	18,31524596	5,154306114	0,289468276	0,056912447	19,5006114	17,5777771	14,76744026	28,45130595	104,9602402	11,66224892
ENSG00000108733	PEX12	0	10,87188815	0	48,0645689	0	18,9894232	3,4645755	0	24,0367782	104,9346547	11,65940608
ENSG00000172877	ZNF738	0	16,61725071	8,32872517	11,07116423	38,16486046	7,605119905	1,670795714	0	1,473530113	104,9337443	11,65930492
ENSG00000116213	WRAP73	10,45145157	15,73586796	40,78303784	3,5206055	0	11,75761357	7,971327092	7,661372603	6,962549826	104,843826	11,649314
ENSG00000111450	STX2	0,974121326	5,905894173	0	2,873578823	0,192918368	56,86325433	13,85127759	2,840157443	21,2652747	104,766477	11,64071966
ENSG00000159055	MIS18A	12,49802097	17,7283967	0	22,79715244	0,211993827	17,04158226	5,70230837	0,195061728	9,544656103	104,7191724	11,6354636
ENSG00000197857	ZNF44	18,17515361	0,486646098	33,06775307	22,25761126	0,118501086	3,449056701	2,484151104	15,21056663	9,444106395	104,693546	11,63261622
ENSG00000133997	MD6	0,286533436	23,51565301	1,515416515	2,04097041	0	19,22973975	13,26375162	14,88091202	29,95393106	104,6869078	11,63187865
ENSG00000175854	SVI5	2,640767254	11,14221127	0	17,63211091	14,22523857	17,33201753	17,54148331	6,416205195	17,75468085	104,6846921	11,63163245
ENSG00000169660	HEXD	16,9379609	12,16411628	0	11,37747742	29,65626038	8,987888542	7,349726561	6,403488646	11,74586036	104,6227791	11,62475323
ENSG00000104897	SF3A2	4,657888585	12,49407169	2,889398878	11,22300966	29,47595599	12,90415597	10,29846094	9,001084993	11,65703968	104,6016666	11,62234073
ENSG00000050961	GATB	15,38004701	14,93611005	0,023676016	1,732766254	31,62656833	11,06447335	11,58417851	4,728132812	10,51035063	104,5873084	11,62081205
ENSG00000182831	C16orf72	3,836308427	6,773651382	22,97529859	17,57209826	0,067869008	13,45136149	12,30674732	18,10999583	9,412914445	104,5062447	11,61180497
ENSG00000172617	MCR1P2	8,339834245	10,25767364	9,858628735	6,498679383	12,09222249	11,47060572	19,34928013	12,44314271	14,18195219	104,4920192	11,61022436
ENSG00000172671	ZFAND4	0,048495048	7,142421697	0	0,460572003	72,37670623	7,450117382	4,046780605	0	12,91263545	104,3866284	11,59873649
ENSG00000008045	DLGAP4	7,857268266	10,12892753	9,267057572	12,05365795	22,59551723	14,55422171	10,34998188	5,338685697	12,222015	104,3673328	11,59637031
ENSG00000144120	TMEM177	0,058388938	9,53209583	4,189035495	2,318973886	72,01777607	2,115552176	8,775166187	0	5,242193248	104,2491818	11,58324243
ENSG00000109586	GALNT3	26,41715574	0,078784193	10,01302004	0,084833228	0	7,897021721	23,15127619	0,097086695	15,69880275	104,1977796	11,57764218
ENSG00000025039	RRAGD	8,491031672	5,498179813	0,054068062	31,74228963	0,070803932	17,63126988	8,435603946	28,66545933	3,554241455	104,1436388	11,57152042
ENSG00000140830	TXLN4B	0	14,76402483	29,63823461	1,910090521	0	6,60051626	24,31936098	9,99086071	16,91664716	104,1397349	11,57108166
ENSG00000178866	RMH1	0	36,70035929	0	2,23211254	5,017610372	26,54001526	28,80057521	0,188442867	4,610392768	104,089517	11,56550189
ENSG00000128311	TST	11,43191318	13,99995525	0	18,48926565	0	7,513265328	28,40963831	9,154287433	14,85187978	103,8502049	11,53891166
ENSG00000174842	GLMN	29,75476185	32,15861101	13,46913882	11,83622565	0,12340809	2,769655363	3,238315439	0	11,43179639	103,7819126	11,53132362
ENSG00000113163	COL4A3BP	2,549334801	3,503674827	11,9694816	17,16261025	19,62098823	9,083096409	5,6695717	17,68948975	12,6028902	103,7485232	11,52071369
ENSG00000188483	IER5L	17,16785532	5,242171156	2,973597518	2,021259486	20,92975717	17,25812712	17,63341811	7,435082486	13,02502369	103,6862921	11,52069912
ENSG00000183734	ASCL2	2,039829518	18,09813715	7,654959529	23,95191452	0	9,675130823	16,39515137	8,564178856	17,26004419	103,639346	11,51548288
ENSG00000167136	ENDOG	9,502149422	13,11436856	13,59553323	7,520396648	0	9,998104622	24,21741779	6,637550265	18,99043066	103,5759512	11,50843902
ENSG00000134363	SYNJ2BP	0,059480088	14,21072808	18,11971738	8,282476167	22,84877094	9,756279798	8,889378107	7,023548977	12,3511434	103,5422829	11,5046981
ENSG00000197933	ZNF833	0,061452042	20,06430582	0	57,19558817	0,438126323	9,985671148	5,102494185	1,88128668	7,067058391	103,4959828	11,4995364
ENSG00000168246	UBT2D	31,91123497	0,358958501	4,744640244	49,86407982	0,120186594	4,164422106	12,26149161	0	0,862197631	103,4872715	11,49857905
ENSG000000083123	BCKDHB	0,111356353	11,85594695	0	39,86773623	0	16,50547373	18,70805491	0,243503734	16,16056715	103,4526391	11,49473767
ENSG000000001460	STPG1	0,053264212	0,031505346	0,195967641	0,061317113	83,78831267	1,130633528	0	13,23912437	4,913108625	103,4232325	11,49147028
ENSG00000101126	ADNP	5,049553374	12,70965755	22,76149406	12,21345123	1,829844095	1,8873558142	12,83101037	30,11069824	4,030088112	103,4231552	11,49146169
ENSG00000006942	KCNAB2	17,427480482	6,834330399	10,4094644	16,96097921	17,47750573	8,039719576	6,869678341	7,971465338	6,335233872	103,4077637	11,48975153
ENSG00000133111	RFXAP	19,46220273	10,69777727	0,120546444	28,96726944	0	20,72083525	6,910118024	0	16,52148182	103,4005865	11,48894505
ENSG00000158711	ELK4	8,101876256	6,890158461	3,731737451	7,56457841	39,63247461	12,77601624	6,89249806	8,871822518	8,938755477	103,3999175	11,48887972
ENSG00000142599	RERE	8,251951163	10,79563009	25,09072546	16,81328836	11,33562329	4,198258941	8,42287794	3,764080726	11,69895554	103,3623915	11,48471017
ENSG0000013812	SBF2	15,61845404	2,015023082	14,77188932	4,73693705	5,50445568	8,984720203	8,291353722	27,98455511	13,71098873	103,3554066	11,48393407
ENSG00000159086	PAXBP1	0	6,566589703	26,06306554	13,40094258	0,100508688	7,40630758	9,112664751	25,61723347	15,03208646	103,2933988	11,47771098
ENSG00000119673	ACOT2	30,31051982	10,53294944	5,227373362	5,888210877	1,200560108	16,0525818	15,85435417	2,899760099	14,83355025	103,2977163	11,47752403
ENSG00000148331	ASB6	20,72784548	6,207527912	0	8,637613828	0,155394869	31,4086080	21,55418512	3,07414245	11,3791791	103,1474496	11,46052773
ENSG00000147408	CSGALNACT1	0,068895397	16,70793618	0,380215941	0,237934627	57,1422594	11,64904049	9,305398483	7,633138946	0	103,1248195	11,45831327
ENSG00000165644	COMTD1	23,24042321	1,52739114	22,69584352	0	0	15,75100412	14,92938128	13,80296295	11,17431621	103,1213224	11,45929471
ENSG00000135953	MFSND9	0	27,45366363	0,04984402	49,92247049	0	8,954470789	7,041817091	0,236998076	9,430619653	103,0898837	11,45443153
ENSG00000163069	SCGB	0	0,059049108	0,183646839	32,40857205	0	8,184093632	27,71344263	0,072766916	34,45998057	103,0815517	11,45350575
ENSG00000106068	URGCP	26,65181329	3,253319286	15,47884076	0,866450746	0,137592928	24,55815561	9,246025743	0,126603283	22,73831013	103,057111	11,4507902
ENSG00000176994	SMCR8	10,9640308	2,003712668	35,24587973	0,24928795	0,649242273	22,97592535	4,279631669	19,91289427	5,980597981	102,9686435	11,44298262
ENSG00000140386	SCAPER	10,9721112	4,619155902	15,32362303	23,9358956	0	4,401417539	8,926657557	14,543674716	20,23341982	102,9559554	11,4395506
ENSG00000008726	SHB2P2	8,24061813	5,991677111	30,25864707	13,442332	7,895528665	10,37090112	9,731622587	9,021780116	7,931563907	102,9253694	11,43615216
ENSG00000181472	ZBTB2	0	19,27027587	0,895843052	15,35231117	0,347197108	29,30035322	34,4507467	7,246996192	102,8637431	102,9230549	11,42930459
ENSG00000154889	MPPE1	3,6836915	11,28094129	1,603030715	1,98351619	13,3669189	12,76402471	19,58521172	16,28353832	22,31132561	102,8621715	11,42913017
ENSG00000109670	FBXW7	6,343818456	7,303759981	17,267552	21,85816973	13,1715172	4,787602949	5,530962832	12,5055692	8,871314574	102,8403569	11,42670632
ENSG00000113810	SMC4	4,460760354	12,08675356	5,686266111	21,0298123	18,82683833	11,07186359	7,376991592	9,754376626	11,58695245	102,8261159	11,42517944
ENSG00000139719	VPS33A	31,4603367	10,05577232	8,681081431	22,46137176	0	13,373814	10,51586394	0,044099101	6,225454075	102,8178383	11,42420426
ENSG00000154620	TM8B4Y	0	37,90489006	55,09702785	0,195164528	0	0	0	0	0	102,7982642	11,42091825
ENSG00000135297	MTO1	29,44346468	7,308318949	0,207258793	12,99162619	0,27289898	10,8719465	5,373884653	0,465362244	0,900728153	102,741491	11,41572102
ENSG000001666518	CD36	0,041666518	0	102,1219169	0,143897964	0,231049889	0,060965636	0,0115322	0,			

ENSG00000182551	AD11	5,648993296	10,57532	11,27508065	13,46131832	12,48520801	9,954634602	10,27215055	18,28198729	8,753892264	100,708585	11,18984278
ENSG00000007341	ST7L	9,952274881	16,53564381	19,95367755	7,723778232	2,932355772	6,159235766	8,913531232	14,3454573	14,18833218	100,6951867	11,18835408
ENSG00000025440	AP5B1	18,02898931	3,009700271	0,115560216	9,274554283	0	23,58820099	18,28200015	2,541276034	25,84313519	100,6834161	11,18704626
ENSG00000007426	EED	10,189474365	17,4506987	0,285861715	19,588313415	0,105514189	11,9674002	11,83369372	14,4659176	14,77025272	100,6574176	11,18415751
ENSG00000152620	NADK2	15,48770355	10,96093919	0,055429731	0,676401729	0	15,97020464	12,20927657	33,53762609	11,74742723	100,6538287	11,18375875
ENSG00000145687	SSBP2	17,477060081	14,1865273	0,02463489	8,949116906	0	12,23303791	9,740518507	24,1295714	13,85119862	100,5906153	11,17673504
ENSG000000085982	USP40	0,016158102	1,949706587	58,34847458	0,34818188	0	16,39236237	5,125071303	3,851301097	14,5267117	100,5446039	11,17162266
ENSG00000170190	SLC16A5	6,7011893228	7,031240533	27,80700893	5,659644965	0,116256893	10,527118454	12,42923975	0	30,26247998	100,5349488	11,17054987
ENSG000000032444	PNPLA6	4,466737449	6,804495819	1,70539398	6,384603491	19,17763786	15,52230856	21,20329648	4,284776182	100,4396936	100,4156199	11,15773879
ENSG00000118096	IFT46	0,950879312	8,858388047	35,27592237	1,36830086	0	3,828036379	12,73125812	27,63729078	10,91495044	100,3335555	11,14817284
ENSG00000125637	PSD4	17,58197683	1,077195953	19,17032821	11,783033	4,728746094	17,18103874	12,0317853	7,571332153	9,20798868	100,333425	11,14815833
ENSG00000146828	SLC12A9	12,56283814	4,33798989	11,39902664	15,85954626	0	20,44757922	19,86155463	4,083563917	11,73415858	100,2862573	11,14291748
ENSG00000173327	MAP3K11	8,240053839	6,219330685	23,47422591	6,323899792	3,671749936	15,3769246	15,66745886	7,883130835	13,42430148	100,2810759	11,14234177
ENSG000000080345	R1F1	14,98960962	10,06676451	0,122417747	8,575260368	3,835120732	14,92336686	14,24198088	14,71548856	18,77289268	100,2429019	11,13810022
ENSG00000108591	DGR2	6,735074057	17,52846138	30,71146961	0,775333528	0,097006359	14,29645434	9,761063105	5,712537094	14,55847959	100,1758791	11,13065323
ENSG00000112357	PEX7	22,51811451	42,29969325	0	0,142431755	0	17,02575787	11,30054846	2,344786778	4,362118154	99,99345078	11,11038342
ENSG00000079134	THOC1	15,96527382	25,68232437	2,779114789	1,256043447	0,044324555	9,440233999	22,45519395	13,25490428	9,106525498	99,98393868	11,10932652
ENSG00000141219	C17orf80	0	13,3409702	36,48377023	0,391710234	0,308057081	9,535499583	11,16667119	23,52654437	5,221079652	99,97430254	11,10825584
ENSG00000135686	KLHL36	1,932476076	3,643452094	15,66398	5,00544661	0,035879463	10,19432557	10,15395833	24,79332203	28,42751779	99,86053977	11,09448422
ENSG00000196867	ZFP28	0	14,4183037	0	0,187076982	69,92853779	9,04097719	3,184434867	0	4,077217939	99,83654847	11,09294983
ENSG00000021676	ATF6B	10,78468939	10,12274842	28,03546879	12,511707346	0	14,94063693	9,646244869	6,829041765	6,913552082	99,7468827	11,08298697
ENSG00000138667	PTAR1	0,037000629	0,547139243	1,81508398	42,19002487	45,98885275	2,870800054	1,904789565	0,080909542	4,307901757	99,74250231	11,08250026
ENSG00000196678	ER12	11,57740714	0,03966019	1,521623668	4,322543582	35,37528224	12,61322828	29,85974918	0	4,425571674	99,73476887	11,08164099
ENSG00000176463	SLCO3A1	8,747040927	6,3744846956	17,96751011	12,97781397	8,076640148	14,59773595	11,95843326	16,19401346	99,72311898	11,08034655	11,08034655
ENSG00000171723	GFPHN	0	0,044638255	0,092552056	4,34384842	74,78875403	4,640082718	2,966004186	0,440066013	12,40626859	99,72221427	11,08024603
ENSG000000265491	RNF115	5,042029169	7,322441815	0,427313652	17,57813148	20,91253253	11,37175306	12,89987951	16,79213554	7,343786878	99,69000284	11,07666698
ENSG00000139233	LLPH	10,51615884	15,43287499	2,753658661	10,27380339	15,4454316	12,32930811	7,504620485	11,43572923	13,7491471	99,63533241	11,07505249
ENSG00000133055	MYBPH	0,166238252	20,64899891	0	24,11280293	6,716169659	21,44608665	11,24954022	0	15,23164566	99,57148228	11,06349803
ENSG00000137764	MAP2K5	15,85895077	15,29651243	0,110506897	0,155596288	0	12,53150848	24,78980521	12,87322108	17,95297357	99,56907467	11,06323052
ENSG00000108469	RECQL5	5,292145242	11,86848004	0	13,42478594	29,90597832	12,20765708	9,96205237	0,339255203	16,5154507	99,561580489	11,05731165
ENSG00000116198	CEP104	15,41631155	15,29611968	0,070633998	10,64161185	0	9,40110751	11,23829044	18,13590817	19,31424917	99,51423237	11,05713693
ENSG00000117602	RCAN3	0,867964892	24,00430626	3,15145955	0,02855102	0	9,320557755	8,26156571	0,277753909	16,4288534	99,50110251	11,05567806
ENSG00000167705	R1LP	14,9353471	10,06241121	0	2,89621272	24,10567013	8,155223908	14,05904354	13,44791845	11,78730585	99,4491329	11,04990366
ENSG00000122779	TRIM24	0,016246702	0,951369315	0,089661359	56,13708958	0,386106378	3,692451282	18,46778674	13,997557067	6,594684319	99,43292644	11,04810294
ENSG00000173638	SLC19A1	6,106292753	3,150400001	22,44129504	10,31198297	0	11,35605104	12,95465822	17,29377177	15,81390968	99,42836148	11,04759572
ENSG00000175896	MSRA	4,783829086	14,32077864	8,195643324	12,29635574	6,16175802	12,2926022	9,369340886	13,25571247	18,59363466	99,40631083	11,04514565
ENSG00000118655	DCLRE1B	0	4,015324367	0	39,20647334	0,091146584	17,43324334	11,17768694	22,05692671	5,42445433	99,40525561	11,0450284
ENSG000000011485	PPPC8	9,483210484	5,204059217	11,69572027	16,754508337	0,050873713	14,29007375	13,11759527	19,19226132	9,609573683	99,38845109	11,04316123
ENSG00000198093	ZNF469	13,6719164	48,96893338	0,299649718	0,284279913	11,20296499	5,84902939	0	19,2932081	99,36905544	11,04100816	11,04100816
ENSG000000050339	CREBBP	15,85041811	2,596262588	3,066275305	7,579443492	33,40358756	5,504469911	6,9577056	14,12004155	10,22083985	99,31859306	11,03539923
ENSG00000133256	PDE6B	23,11522296	3,954119152	0	11,800480401	0	10,21038351	7,548942507	32,48471958	10,19488394	99,30831964	11,03425774
ENSG00000114388	NPR12	12,57542416	19,61658907	0,302398802	19,94091049	0,195331815	21,29719668	14,33166697	0	11,01836874	99,27788673	11,0308763
ENSG00000168067	MAP4K2	14,72562134	16,208127406	18,50776591	9,795727627	0	17,28495747	14,73804554	6,353679716	17,64873449	99,2626595	11,02918439
ENSG000000257103	LSM14A	6,015142767	5,478048443	0,391008303	30,03077522	0,151271079	9,225019429	8,905539571	16,98105191	17,26165045	99,23950717	11,02661191
ENSG00000175294	CATSPER1	0,056237652	8,482348347	0,103453703	23,98620719	0	11,29945498	25,44895085	23,48827778	6,363185727	99,22811624	11,02634625
ENSG00000196961	PEX1	22,47825891	6,775598219	7,405598338	4,594555921	12,11292877	9,143482503	10,87428672	13,87489625	12,218357	99,09096263	11,01010696
ENSG00000139197	AP2A	19,49501786	0	18,92349123	0	8,162510151	8,162510151	10,51682812	22,15741998	18,50150349	99,06580225	11,00731136
ENSG000000204856	FAM216A	10,73768674	7,740590676	0	30,80616465	0,132908047	9,149028841	19,6424687	0,978340688	19,87773684	99,06492519	11,00721391
ENSG00000119965	C11orf88	0	15,65538761	0	16,08097476	0	13,23804076	13,14528616	23,79386117	17,11982366	11,00373682	11,00374854
ENSG000000038210	PKA2KB	12,73970587	0,149216472	12,76202458	45,52204482	0	12,09476102	7,121855239	0,367762457	8,273634826	100,03100528	11,00344503
ENSG0000013390	ARGHAP19	21,70973984	0	36,826616	5,226088958	0	9,738872834	3,377343135	0,321486526	21,12508709	99,02275439	11,00258227
ENSG00000007817	N4BP2	0	5,274834983	37,20190296	6,542656585	0,073207123	5,614342214	13,83741711	21,95936582	8,505258231	100,0989502	11,00099834
ENSG000000242259	C22orf39	13,90748303	7,492373328	16,25520959	12,43979211	5,275815832	12,10930374	14,9278048	4,473692634	11,95859261	99,00091107	11,00010123
ENSG00000176386	CDC26	10,42585709	11,42001704	0	11,55759683	0	16,11056707	9,832428061	28,70896583	10,92283649	99,7826841	11,009758538
ENSG00000101574	METTL4	16,02447875	10,72755381	31,46944517	23,06657882	0,125477828	4,782537588	5,480011006	3,290490976	3,993557344	99,96013129	11,00957014
ENSG00000147813	NAPRT	17,73698274	11,81450476	6,466932158	4,598783479	23,67112458	11,75467956	8,491471182	0,69883941	13,69119604	99,9245139	11,00971266
ENSG00000122642	PKBP9	11,57668659	22,20251036	0	10,08400257	0	6,291056884	24,22507087	11,50671738	12,08056326	99,88738721	11,00748747
ENSG00000149483	TMEM138	10,11597825	7,233805831	3,05523506	11,44212628	1,674486459	17,0745606	11,32471606	9,574623605	27,38953472	99,87106957	11,00856744
ENSG00000185220	PGBD2	0	9,474203783	64,8696369	1,68379743	0	1,545045086	7,079399724	13,93780402	0,305417456	99,85530465	11,00839274
ENSG00000254521	SIGLEC12	33,8471201	0	0	13,159374	0	32,11172452	19,61008369	0	0	99,72830332	11,006981137
ENSG00000166377	ATP9B	0,252963993	7,235919783	10,53547181	11,20320988	32,36722995	8,876560251	6,914562959	3,827854572	17,32277749	99,6949329	11,006949329
ENSG00000105514	RAB3D	15,54536208	7,217325732	16,16900667	21,24858256	1,228732467	8,590716449	12,02042414	13,94397696	2,713087916	99,67721498	11,0064135
ENSG00000125245	GPR118	0	0,421606918	59,73369607	0	0	17,99973238	4,471688981	1,731837356			

ENSG000000275126	HIST1H4L	2,905972513	4,297147437	66,82213918	4,181650234	13,81221317	0,531764669	2,8150395	1,059085152	0	96,42501185	10,71389021
ENSG000000185262	UBALD2	14,28681759	13,16333455	6,065020341	11,22811103	16,32352465	9,150219685	11,25430857	5,206847731	9,686546009	96,36473015	10,71071924
ENSG000000133048	SCO1	0,528204733	9,789435094	9,932680496	32,07531584	10,35614235	8,731287753	12,47515487	6,224323342	6,171425441	96,69821888	10,69821888
ENSG000000136010	ALDH1L2	28,46157172	1,04511261	37,04253926	8,713408056	11,19759744	0,052431447	3,304285799	0,034808234	6,382127786	96,23392759	10,69265862
ENSG000000166432	ZMAT1	0	6,843613597	0	3,036531253	62,93298201	6,911112359	4,430121482	8,914133094	3,17035194	96,62297925	10,69219917
ENSG000000166329	CCDC182	0	12,2468702	5,011660438	0	0	31,50705663	17,49345975	0	29,932012	96,19105902	10,68789545
ENSG000000174724	ATP2A2	5,024192855	5,872007423	5,905433986	23,36929456	5,643462288	8,956394901	20,04604213	14,83289401	6,506314202	96,15333627	10,68370403
ENSG000000143398	PIPSK1A	21,0240794	9,128238301	7,251654576	8,979445934	0,066441728	17,89562742	10,49261611	12,104722606	9,18055771	96,12340722	10,68037858
ENSG000000182325	FBXL6	1,071393092	5,879261632	21,49712765	9,18886452	0	9,438468364	9,740215403	7,342990389	15,30824687	96,03912768	10,67101419
ENSG000000059769	DNAJC25	0,058030173	36,14356453	23,6897642	0,200410887	0	9,174778435	13,92508677	3,17237488	9,634900348	96,00791022	10,66754558
ENSG000000154237	LRRK1	17,83158298	11,08379544	0,905886778	8,54815279	0,184784054	12,60620642	12,50327532	10,91939741	21,34615878	95,92923927	10,65880444
ENSG000000184515	BEX5	1,076067136	7,637818924	0,282787486	40,87892786	7,306562408	11,81458837	19,14603235	0	7,751482618	95,89426716	10,65491857
ENSG000000185946	RNPC3	15,6677918	26,08400409	3,724212772	5,661760771	0	9,156852857	7,582668995	16,21617144	11,79977919	95,89324188	10,65480465
ENSG000000100147	CCDC134	28,55632831	0	0	1,02730305	0	9,014039207	26,08202177	22,1156994	9,072822347	95,86821409	10,65202379
ENSG000000173848	NET1	0	0,056308694	0,408622573	58,79530192	0,301652703	8,91917422	12,35732585	5,065460611	9,95188223	95,8557288	10,65063653
ENSG000000134058	CDK7	13,69752275	7,88000083	0	2,700072171	24,6744669	8,103248365	8,465092763	16,00200513	14,30772067	95,83012959	10,64779218
ENSG000000158545	ZC3H18	11,93438018	4,712949123	0,964315792	10,22860273	20,97067055	8,863400374	13,11577014	7,145150801	17,87977643	95,8150161	10,6461129
ENSG000000167895	TMC18	24,02710667	6,680218357	0,712900552	5,927081306	0,131568984	8,297044841	27,25917087	4,842419015	17,90717544	95,78468913	10,64274324
ENSG000000180787	ZFP3	0	11,39885783	67,22358119	6,331087212	0	4,058770876	5,73636168	0,397555124	0,558992948	95,70520686	10,63391187
ENSG000000147124	ZNF41	27,89101879	0,056049749	0,058106208	45,9808211	0,225199128	7,594986684	2,858751293	0,414424625	11,03269488	95,62031347	10,62447927
ENSG000000175054	ATF	22,99005457	0,908003225	0,08964931	0,20718865	0,057908174	8,52092537	16,93439779	1,598490208	24,43890099	95,54551739	10,6161686
ENSG000000100711	ZFYVE21	14,31858208	20,48617665	0,033132312	9,858952539	0,428030444	10,99478911	12,35262148	17,1715699	9,83502454	95,47885225	10,60876136
ENSG000000168010	ATG16L2	4,46999223	10,04076746	22,54774603	11,79245982	0	4,323529526	15,28796861	12,37335685	14,55906025	95,36870878	10,5985312
ENSG000000134202	GSTM3	22,39617721	4,516075791	0	5,987770996	22,90791902	9,081421041	8,162175282	14,60868614	7,707739976	95,36796546	10,59644061
ENSG000000187715	KBTBD12	1,116836462	8,89505088	19,20728769	60,68150922	0	1,625455977	6,30150317	0	0,063886738	95,19153014	10,57683668
ENSG000000159798	LDLRAP1	0,027998994	16,49493126	2,00875002	2,19078011	8,650227998	20,19070739	14,34411615	6,000108878	24,27678307	95,19090177	10,57676686
ENSG000000143442	POGZ	9,667203773	1,483748569	28,98268385	6,07948005	1,045871883	8,536317411	10,41424462	22,6470056	3,341560023	95,17108373	10,57456486
ENSG000000110047	EHD1	5,56745609	0,302814229	22,44559805	31,1769182	6,136161928	6,287686033	19,40404148	1,521611842	95,16321582	10,57369055	10,57369055
ENSG000000224531	SMN1B3	14,19270505	10,69934316	1,877090908	22,05159495	1,46968505	16,77098934	13,78710217	6,55856241	9,01281477	95,09726557	10,56636284
ENSG000000141933	TPGS1	20,82853006	4,417495883	7,022012385	5,588393196	25,34135321	10,0220557	12,02337888	2,631137413	7,092898181	95,55192732	10,55192732
ENSG000000168872	DDX19A	3,928451181	17,15398038	0,460525205	4,522385185	38,0306713	8,9012811	8,07474419	6,35855992	7,507754429	94,98383527	10,54870586
ENSG000000100483	VCPKMT	20,707454296	26,4879932	0	3,890393345	0	1,88805585	3,297030622	5,788634759	18,781404289	94,730739363	10,52303474
ENSG000000185246	PRPF39	0,061277604	0,108735604	2,36722712	45,34089076	0,364068879	2,186574916	13,1525064	19,76443581	11,34221476	94,68793157	10,52088132
ENSG000000077635	SLC46A1	9,53702621	3,202601208	9,19146572	3,871049409	17,15673449	7,509153585	19,86009801	17,65585758	6,682437185	94,66639824	10,51848836
ENSG000000160813	PPP1R35	5,941791876	5,990661307	0	8,161505014	0	18,97815355	24,89223745	7,087068472	23,58349079	94,63515865	10,51501763
ENSG000000201311	MLL1	1,965364477	16,77943804	25,99028656	3,393755498	3,877588187	15,71570125	9,175499125	0,648705899	17,01122768	94,5063963	10,5063963
ENSG000000186446	ZNF501	0,038647205	31,61489617	22,03934289	1,40144104	0	17,86402885	7,637324557	0,253530359	13,64141992	94,49043099	10,49893678
ENSG000000182552	RWDD4	1,57746202	6,523425565	0	27,76105576	0	8,373845375	10,06860689	15,5978554	14,57619783	94,47844884	10,49760653
ENSG000000146373	RNF217	0,433721803	3,630062291	26,27748334	18,49895467	34,64996711	2,479762522	0,922936944	3,283918153	4,245809802	94,47890801	10,49198893
ENSG000000139154	AEBP2	1,471228853	3,374603199	15,51650834	14,75824109	0,05317109	10,90676578	6,78067385	21,08636343	9,493196651	94,36861195	10,48742355
ENSG000000138415	HDX34	12,86388115	1,373387143	25,333040358	0,138255903	0,126851834	11,89680222	9,462351071	13,48117101	19,69480572	94,37018872	10,48557652
ENSG000000132740	IGHMBP2	21,8076044	0	22,0148199	10,89751634	0,055547957	6,467048001	8,869287196	13,28893852	10,9236395	94,32445582	10,48049509
ENSG000000207500	NUDT18	0	9,019599775	0	0,297531328	0	31,49841622	7,797187108	0	45,66696186	94,27969629	10,47552181
ENSG00000012126	OCRL	25,82300706	0,83794375	1,691655208	40,472086303	23,09456563	14,79005447	15,20915044	1,413042558	10,94293668	94,27444233	10,47493804
ENSG000000136932	TRMO	11,57687455	20,54287985	0,264553984	15,95533868	0,170886292	16,93448427	10,89618634	1,650993556	16,27207367	94,26426991	10,47380777
ENSG000000142498	ARPIN	22,71056423	3,652225147	20,25792107	0,364519173	17,14065103	8,0922727781	7,872934685	1,654096205	12,48332076	94,22916008	10,46990668
ENSG000000104129	DNAJC17	9,665921364	13,05453234	10,6687458	10,6687458	17,8665444	5,807455974	9,140518145	3,640181803	14,43351761	94,22360173	10,46928908
ENSG000000146281	PM20D2	0,064261353	15,16601574	27,83938478	10,2088104	3,283447655	3,421927693	18,67515041	0,07026038	15,49050324	94,21976166	10,46886241
ENSG000000149499	EMD13	13,43205073	7,765861205	13,7724202	2,328927824	0,065413031	11,90687928	20,63746991	13,18126963	11,10339878	94,19396905	10,46595652
ENSG000000137755	CASP5	33,68618092	0,34922123	40,32035412	0	10,32035412	11,77631606	5,595724606	1,24535641	16,17377652	94,14053099	10,460059
ENSG000000104825	NFKB1B	2,405805127	17,76844579	3,22954504	3,592908428	0	18,84698462	14,9549406	5,829525503	27,50912378	94,13727889	10,45969765
ENSG000000087206	UIMC1	3,645419682	29,41855801	0,291567127	8,484355163	5,429405303	11,4505097	14,5816161	5,545367191	15,2852334	94,12397988	10,45821999
ENSG000000174107	MIGA	3,004918152	0	1,464628021	5,32263011	9,292744836	12,80211917	12,38993761	11,476563254	17,41488572	94,00449615	10,44494402
ENSG000000151151	IPMK	13,54117374	4,928919089	3,467337522	1,498887222	26,52221362	9,584855244	3,233028414	14,1545088	17,01991784	93,95134219	10,43903802
ENSG000000082805	ERC1	0	7,795288048	0,041231103	21,66542744	0,18643005	10,76622327	11,94778302	18,7223383	22,82422433	93,9379257	10,43753251
ENSG000000140365	COMMD4	5,951692339	8,543837147	1,599236445	6,890007443	10,85987552	17,54799875	19,24902571	8,627661668	14,63962869	93,90896371	10,4343293
ENSG000000130818	ZNF426	0,004005059	0,19835065	0	17,25504271	0,142771353	15,326453185	8,995421364	30,87150412	11,03355276	93,86133233	10,42903693
ENSG000000164284	GRPEL2	24,24471478	8,859183529	0,817773543	17,00594539	9,162533398	6,720523474	5,423134965	13,08577177	17,53745185	93,85703811	10,42855979
ENSG000000174206	T12orf66	12,0908674	20,33749126	32,48275536	32,48275536	9,53876108	4,922834248	7,111170675	0,38551257	6,443743398	93,79542087	10,42171343
ENSG000000125834	STK35	23,18527914	11,63025543	5,24044694	11,9093437	0,152707672	6,937437297	8,003068661	20,98294631	6,480261443	93,6550884	10,40612071
ENSG000000167491	GATAD2A	0,227825696	3,087161185	17,52615756	20,0409633	0,246105772	13,73492165	16,06212858	2,490940408	11,23232186	93,61325903	10,40147323
ENSG000000152503	TRIM36	0,049439087	20,74777786	0,045473597	9,476127002	0	27,46630192	23,09081032	1,351360083	11,37029271	93,5975825	

ENSG00000144036	EXOC6B	15,90091618	11,59660901	0,163565813	5,808790746	30,252228	3,758492029	8,674765525	8,84658595	6,561218792	91,56317204	10,17368578
ENSG00000100095	SEZEL	0,168815049	5,729049855	3,377219468	42,37779297	0	11,74649663	3,994866038	1,938032654	22,21542006	91,54769273	10,17196586
ENSG00000123159	GIPC1	8,270240692	5,254133786	13,83639682	5,700606427	4,529410444	21,63563602	23,51155771	2,455932596	6,32045605	91,51437054	10,16826339
ENSG00000065308	TRAM2	0	2,43523315	43,19401283	0,163760004	0,050960344	10,9947835	8,706540705	10,50338436	3,959864672	91,50453868	10,16717096
ENSG00000183401	CCDC159	0	3,562910434	34,74751237	8,090011516	0,530193222	15,2683454	9,570817648	13,17185038	6,539383403	91,48102401	10,16455822
ENSG00000133612	AGAP3	6,299059986	4,580175769	19,33731815	4,942037752	23,3346521	6,578275809	8,417250346	7,457369211	10,6254406	91,47039284	10,16337698
ENSG00000167553	TUBA1C	7,668102808	23,97123473	3,541530089	17,41069308	1,193583537	12,53912802	11,29801953	3,567637309	10,07287348	91,46505218	10,16237858
ENSG00000172890	NADSYN1	4,097630306	10,45330662	2,204970348	12,57904569	0,066245627	11,91560927	7,460481525	19,48513498	23,16367833	91,42609671	10,15845519
ENSG00000138722	MMRN1	0,054849572	0	0	49,62937346	0	3,613297496	14,61922925	0	19,76516553	91,39728836	10,15525426
ENSG00000166529	ZSCAN21	0	0	2,987636578	17,19244459	0,167811936	16,82364259	6,038992615	39,37421248	8,771261098	91,35600189	10,15066688
ENSG00000143970	ASXL2	1,171939464	2,058987945	14,30136423	16,10932347	23,96323	6,994157	7,563096876	15,24926477	3,895884249	91,307248	10,14524978
ENSG00000123395	ATG101	7,22723267	3,604284465	8,428905783	12,80612411	0	18,08441535	20,55218942	9,399670411	11,21237224	91,27919445	10,14213272
ENSG00000100296	THOC5	0,076725347	0,034036811	12,42053755	24,80836456	0,045584862	13,79429141	12,10427168	6,962698427	21,01919921	91,26570896	10,14063443
ENSG00000204256	BRD2	12,4921882	7,859896531	17,19774218	6,555978019	9,65343657	11,51938895	9,897970267	6,115025767	9,966374354	91,25800084	10,13977787
ENSG000000083812	ZNF324	11,33862863	8,142730229	17,42283459	0,406069028	0	7,1765699	11,36410316	17,91020696	17,42311146	91,23887511	10,13765279
ENSG00000164466	SFXN1	1,36687029	8,217663564	18,61457123	7,151316301	5,13925469	11,58036562	8,334197832	12,75878038	18,04018489	91,20320481	10,13368942
ENSG00000142556	ZNF614	38,24121324	8,917402457	0,29661757	2,877106247	0	13,92669255	4,663578052	19,09856651	3,172908792	91,19408452	10,13267606
ENSG00000108509	CAMTA2	9,911769414	6,011154104	12,4634053	6,412882139	0	12,56313899	12,79289004	9,986564478	21,04738097	91,18918544	10,13213172
ENSG00000151353	TMEM18	4,924609458	7,42825954	0,361055743	19,96526904	0,127211315	8,737290968	15,1559983	4,135796925	10,26994597	91,15943727	10,12882636
ENSG00000152242	C18orf25	45,25270092	10,02347667	0	1,19882415	0,262485413	3,378152079	9,367368422	15,008677486	6,366826742	91,12846525	10,12538503
ENSG00000172932	ANKRD13D	8,325525947	2,785157008	19,45818847	7,109623725	0,108119085	18,53163449	8,083893135	4,824951535	21,87746265	91,10455455	10,12272838
ENSG00000127616	SMARCA4	15,94619725	4,605557233	6,430646224	11,2788473	0,81130895	9,93696888	11,35578873	7,518444019	13,20407856	91,08783711	10,12087079
ENSG00000204108	NSUN6	0	1,703472135	1,76597233	5,3269179	0,103701283	5,317953801	6,123155099	1,71753457	19,96387077	91,02258418	10,11362046
ENSG00000171208	NETO2	33,14696517	0,035843069	1,374851445	0,104639075	25,8741285	10,95573117	7,966636506	0,132509518	11,32816658	90,91947104	10,10216345
ENSG00000027194	TIGD1	2,59244212	34,75725506	0,211955851	0	0	17,141352	12,05433613	0,125975817	24,01905111	90,90236808	10,10026232
ENSG00000077954	TESK2	36,51257762	20,03591926	0	2,358556565	0	6,498455852	13,60931951	10,553198	2,295784096	90,8638073	10,09597859
ENSG00000070950	RAD18	0,02163668	13,0922712	0	25,03422168	0	5,13125495	10,06062227	23,6565412	13,86398026	90,85872823	10,09541425
ENSG000000663761	ADCK1	7,422775056	0,151979218	36,97298124	0,443683123	0	17,86681064	13,60664473	8,427860687	5,898774937	90,79150963	10,08794551
ENSG00000183475	ASB7	24,72311171	21,363917	0	1,112007489	0	20,53516124	4,765873274	1,224512016	17,04540808	90,76998361	10,08555373
ENSG00000105417	UBR5	11,30415272	4,429357737	1,092339204	21,81736907	22,76170713	7,485413881	5,249995699	6,468265075	10,06184053	90,67044105	10,07449345
ENSG00000124574	ABCC10	7,773215951	2,155515779	33,99585772	9,260336059	0,088813538	13,15057248	8,036803756	2,369878152	13,76555791	90,59598139	10,06622015
ENSG00000187257	RSBN1L	3,76200169	8,913204175	10,40008993	26,3112457	0,649340941	8,560893457	6,264791264	9,329378624	16,33588346	90,5267947	10,05853274
ENSG00000128908	INO80	15,59795454	8,678105791	2,496827236	23,139657	7,577615664	9,248793198	10,84046495	3,674635909	9,114794906	90,3688597	10,0409375
ENSG00000138767	CNOT6L	0,177454497	3,921795026	1,661885934	33,31677481	6,479221166	12,57569227	10,72934087	9,771578435	11,66624948	90,29999208	10,0333245
ENSG00000123444	KBTBD4	35,33477334	3,615767087	0	8,565566017	0	9,50820651	7,805846582	7,392498752	17,98900829	90,21165658	10,0235174
ENSG00000146918	NCAPG2	29,71177808	19,49286435	1,233168728	7,81491795	0,051396064	6,078006244	4,057855614	0	21,72819243	90,19475054	10,01623895
ENSG00000137492	THAP12	13,00761631	8,464421656	15,92887991	9,626277587	14,29550055	9,338779926	7,364701282	5,236349004	6,87971406	90,14222048	10,01580448
ENSG000000000216	RAD52	13,8486851	1,40790549	44,25124726	10,71141185	0	6,454277805	1,347533399	0,236587996	11,70966155	90,00348685	10,00038743
ENSG00000130939	UBE4B	0,148991579	1,527539878	23,84513776	25,12728338	0	12,2506672	4,384863706	3,185069328	19,50426242	90,99721961	9,99721961
ENSG00000112419	PHACTR2	2,393776227	2,436785817	7,504273877	7,369599692	0,095986513	18,5806838	10,23973843	10,45120024	7,23582771	90,95185634	9,994650926
ENSG00000203800	PCMTD2	1,739801331	14,18338295	18,18257948	21,15276703	0,15276703	5,869020901	5,066547696	3,47361551	7,070416666	90,8636525	9,982628056
ENSG00000098587	PDPK	25,37668129	2,556192394	0,294442088	25,95530368	0,034580409	10,67195621	13,96665419	1,272737882	9,627869936	90,75641804	9,972953338
ENSG00000119109	TP53	24,70579399	15,30914533	0	0	0,155327657	7,391344896	15,08683058	16,00721866	11,09291526	90,7485666	9,972603177
ENSG00000104375	STK3	11,06593595	17,67899096	9,924709976	21,986111	0,028492347	9,701372186	7,635333596	0,498116216	11,22097774	90,74003997	9,971115552
ENSG00000142188	TMEM50B	8,677502488	7,638859132	6,605036711	7,784735671	16,2722619	10,2345017	12,74967707	11,4147428	6,336624357	90,71394184	9,96821576
ENSG00000075539	FRYL	5,183739085	5,87635681	3,597011357	20,40238224	6,209069341	10,19526478	9,174858262	19,2682235	9,783011689	90,68991707	9,965546341
ENSG00000164898	FMCI	0	8,682308738	16,7457891	27,11523079	0	7,495959791	6,424685675	13,68516658	9,516237586	90,62819806	9,962819806
ENSG00000127603	MACF1	1,606099244	3,126425539	27,50528435	13,56587732	11,98850874	4,907392055	8,635921621	4,631388548	13,62634334	90,59323979	9,954804421
ENSG00000174172	CTU7	0	3,502138559	0	15,33604195	31,91476171	10,45773652	7,766193179	1,688762696	18,89070272	90,55633794	9,950704148
ENSG000001662341	TPC2N	7,972246168	8,399061478	12,12501017	9,064485847	0,035042695	12,06121972	9,060113747	13,73586317	16,99240745	90,45045043	9,938938936
ENSG00000178163	ZNF518B	18,92094881	18,44934879	0,025467714	1,458271503	0,065802573	5,320082624	18,72571423	16,62011705	12,78705801	90,393012368	9,930312368
ENSG00000103197	TSC2	6,34367358	4,093342954	28,28049313	3,478587334	0,018774443	12,3253309	15,67067428	0,069099659	19,08210644	90,36208289	9,929120322
ENSG00000154124	OTULIN	9,326782443	5,322995358	3,452968492	16,06507999	0	10,36218833	19,6202156	20,67613558	12,51346471	90,34533026	9,927258918
ENSG00000159884	CCDC107	14,0857009	9,74059356	15,24222613	4,13436885	7,384185244	10,8029505	9,97570837	6,34144475	11,59152401	90,27777035	9,919752261
ENSG00000131381	RSBN	0	7,244336324	0	1,680050966	29,78667155	10,24242798	15,34916699	5,54826379	19,3803123	90,23094883	9,914549869
ENSG00000138166	DUSP5	4,768775406	5,394572783	22,36999613	10,29329288	2,833274496	18,58722043	7,2262992	9,645821695	9,064346134	90,18359916	9,909288795
ENSG00000144589	STX11P	17,53275184	5,695134634	0,04879412	0,137406516	0	24,11338556	27,28764988	3,364087222	10,93555415	90,17276391	9,908084879
ENSG00000154166	SLC17	0,774063057	31,95010469	2,074016329	2,353645094	3,839118493	9,810525193	4,736574894	19,20788911	14,42483586	90,17077272	9,907863636
ENSG00000196923	PDLIM7	9,32654305	10,10019787	19,49077617	6,21696672	0	9,223528771	8,911326053	2,999179192	22,89872058	90,16723841	9,907470934
ENSG00000123096	SSPN	23,48295035	20,28460226	0,006507139	4,590558122	11,42479207	8,537639409	5,591992513	10,56072947	7,274742918	90,12951434	9,903279371
ENSG00000132716	DCAF8	3,58506692	10,10789667	3,08158428	29,74904728	2,36666365	10,506552569	10,02175052	2,830927493	11,07192918	90,11902928	9,901892142
ENSG00000168612	SWIIM1	0,240719052	0,581022752	0	1,884687429	15,56305709	4,613620226	14,95312732	13,7233569	15,63822037	90,00428532	9,889365035

ENSG000000006459	KDM7A	0,741212012	16,06907699	19,29676311	0	1,991268096	7,111969699	11,10475321	14,19973669	16,3492622	86,864042	9,651560223
ENSG000000197863	ZNF790	10,6647834	0,765324858	0	12,93165027	0	4,520137663	15,91982157	28,97947167	13,06808706	86,8492765	9,649919611
ENSG000000001084	GLCL	8,931008745	20,93405622	13,47139272	2,686006563	6,147281549	2,283525171	23,23363423	3,974692924	5,158820882	86,820419	9,646713222
ENSG000000127124	HIVEP3	8,689503585	10,24898311	25,01345711	9,491788478	4,49357335	8,009084933	4,521221536	7,727085271	8,615654161	86,81035154	9,645594616
ENSG000000170779	CDC4A	0	14,29806129	0	33,53839904	0	9,771096439	5,242492981	8,152348473	15,7521219	86,6564682	9,639405202
ENSG000000085511	MAP3K4	22,49984565	7,62860782	1,626046843	28,72296716	0,047742295	8,205096322	3,30272876	5,798639047	8,869835349	86,70150927	9,63350103
ENSG000000135749	PCN2C	6,36047965	1,105380343	0,683541142	16,30489752	42,72426102	5,351567022	6,197746204	1,338275532	6,59945432	86,66560186	9,629511318
ENSG000000087995	METTL2A	7,9428403	7,0047187616	23,21925885	0,203869311	1,308260628	11,6564808	12,73313283	10,31801922	12,23501695	86,66393597	9,629321508
ENSG000000168803	ADAL	38,92739261	0,935107237	0,096941621	26,75322843	0,062618578	23,72217487	5,62264609	2,765624977	9,397644454	86,63342157	9,62593573
ENSG000000171453	POLR1C	14,71303649	6,673106996	15,75473041	8,152736718	0	5,515283476	11,39603379	13,44547559	10,97186553	86,62226899	9,624696555
ENSG000000221838	AP4M1	0,160006958	3,691069463	23,60652683	2,376155	0,152103999	12,29748027	9,858003637	18,75401611	15,70367691	86,59903919	9,622115465
ENSG000000134247	FTGFRN	2,479734896	0	6,555326009	2,493521644	0	27,13180054	19,35816929	0,254650561	7,676767566	86,59590812	9,621767569
ENSG000000148337	CIZ1	2,41707357	9,010064905	5,981850231	7,206489517	10,70327313	14,81548993	12,60478709	6,198024684	17,64365781	86,58071024	9,620078915
ENSG000000156127	BATF	0	0	3,120184784	3,993902672	0	11,34286596	40,20171862	16,52172838	11,37835851	86,55875892	9,61763988
ENSG000000124802	EEF1E1	6,223902815	26,96830461	7,854801647	0,749813145	0	11,44210874	11,53750179	8,070959264	13,70707109	86,5544631	9,617162666
ENSG000000143740	SNAP47	6,361341653	2,934076597	23,19317239	0,356901941	0,109154268	12,88454479	14,68269843	14,16148147	11,83429982	86,51767135	9,613074594
ENSG000000126947	ARMCX1	0,070579435	38,19865018	0	2,193755041	0	21,62029468	8,321712818	10,18621273	5,902645266	86,49385014	9,610427794
ENSG000000147364	FBXO25	14,71736105	8,955258265	8,384606937	24,77490666	0	7,789297053	10,05912698	7,626746444	4,175778652	86,48308205	9,609231339
ENSG000000131732	ZCCHC9	14,34519452	19,13059884	5,581276841	0,2034580699	0	8,635111887	5,331877656	17,06923205	14,34604733	86,47391982	9,608213314
ENSG000000107242	PIPSK1B	33,20752721	0	10,48157482	0,973637965	19,81775911	7,493996984	7,121155921	0	7,372544678	86,4681967	9,607577411
ENSG000000125122	LRRC29	0	0	19,80620584	11,06208122	43,49838418	2,00960442	0,178796341	5,061876168	4,76693909	86,38394126	9,598215696
ENSG000000149346	SLX4IP	3,983951215	1,943057972	41,0584235	7,885176537	0,05368107	2,813777897	2,611547151	13,65347889	12,37830676	86,38038083	9,598120892
ENSG000000151247	E4IF4E	5,360359335	8,253748919	12,39024114	21,10926289	3,165605691	8,727790343	7,554799972	9,137630395	10,67491221	86,37435089	9,597150099
ENSG000000148297	MED22	12,69713682	14,73593218	0,07696016	4,551191417	4,722614414	15,89287363	15,11062968	4,436898263	14,07226574	86,36250325	9,588502025
ENSG000000164164	OTUD4	0,049898923	12,63233638	21,60197577	10,62696099	0,039528623	10,08064264	13,87976705	4,691916259	12,6011511	86,20417773	9,57824197
ENSG000000170037	CNTR0B	8,241513318	8,172438245	0,044590969	4,77166941	0,07606279	17,87882685	11,93517916	24,06437178	11,50734001	86,17536301	9,574837335
ENSG000000172534	HCFC1	9,877275122	3,511347909	9,038749196	27,48055609	0,398532396	14,10153578	7,894981494	6,527283655	7,424786152	86,16504779	9,573894199
ENSG000000178761	FAM219B	2,922776741	12,03029911	12,69340831	1,925143382	0,071608682	14,3248813	12,65961874	14,8250803	14,71207764	86,16489419	9,573877133
ENSG000000173273	TNKS	0,06390354	0	49,96118215	19,23724157	0,126556788	3,11053097	4,227151022	5,286766763	4,139237457	86,15257027	9,572507807
ENSG000000105204	DYRK1B	6,248933373	6,888359651	0	24,85049996	26,88881348	1,81919492	8,687012335	5,072460466	5,647591686	86,10331587	9,567035097
ENSG000000126349	MT1M	9,462892879	0	0	0	59,73579472	0,324678232	0,736616431	7,113072882	8,728603786	86,10165893	9,566850992
ENSG000000164634	CDC47L	0	0	25,19953132	15,5462029	0,092223303	0,639100835	9,634213988	34,45208896	5,24990896	86,08835148	9,565372387
ENSG000000169604	ANTXR4	5,390871916	2,293211974	16,94710683	0,038179655	0	24,6868318	29,27896568	0,242224484	7,220424686	86,07337061	9,563707846
ENSG000000197024	ZNF398	32,76855613	4,216767093	9,663271112	1,77095414	0	15,1876426	14,80886368	1,312767691	6,334274881	86,0662475	9,562916389
ENSG000000161654	LSM12	5,913256056	5,055683388	8,405659343	19,58636771	7,920771123	10,91905254	8,748553921	9,991795897	9,520419497	86,06155947	9,562239549
ENSG000000106588	PSMA2	10,567040172	12,76384285	5,723428559	10,57090592	18,31540167	11,00011568	5,972520526	23,78080284	11,57109272	86,04276999	9,560307776
ENSG000000114126	TDFP2	9,653192713	2,028476087	14,74367004	15,17752395	13,97591175	7,460885815	5,114996303	11,77643579	6,092304252	86,0233967	9,558155189
ENSG000000105379	ETFB	9,285218945	7,560240272	18,65695424	6,237489433	12,87672463	9,50820651	9,690016446	3,696249376	8,45792478	85,96902463	9,552113847
ENSG000000108282	MAPK3	12,02624329	7,892977926	14,84984993	5,905286302	2,251213811	10,49093862	11,86650455	9,186243087	11,49827216	85,96510598	9,551678443
ENSG000000167625	ZNF526	1,839791542	5,775945682	7,224486641	3,2504878005	0	2,991129573	12,27970002	41,23662427	12,09677668	85,94933493	9,549926103
ENSG000000166500	PDZD8	16,98241298	3,537493405	13,45610993	3,604973592	1,931523213	7,812310492	9,205911309	13,01081918	16,99287652	85,90242161	9,544713513
ENSG000000077458	FAM76B	12,72826561	16,53930569	3,502982511	6,01392165	6,464531306	10,53618817	12,96103745	3,561307725	15,40764023	85,89518935	9,543099928
ENSG000000178467	PAHTM	10,66499903	7,583956006	0	1,059183477	38,803258	10,68849073	10,64616671	6,663208511	11,77814807	85,88747833	9,543053148
ENSG000000184357	HIST1H1B	0	0	4,490133757	54,4093486	15,82015605	2,923534391	7,738258361	0,485219629	0	85,86665079	9,540738976
ENSG0000002078705	HIST1H4B	1,035003909	14,08051599	7,148903414	6,48903414	36,89563791	12,12132707	8,593858356	3,017667283	1,697228514	85,85945157	9,539939063
ENSG000000152348	ATG10	25,56974942	11,27723012	0	10,49490531	0	9,20201913	6,636447312	5,886529486	16,79273461	85,84962439	9,538847195
ENSG000000151725	CENPU	0	0	1,031062246	0	18,05493221	0	33,05826593	11,0451890237	0	85,68786511	9,520873901
ENSG000000104946	TCD1D17	8,055409688	9,378755165	11,48000409	6,5426717357	0,378337065	10,80201606	14,4082029	7,449746887	17,19060752	85,68569672	9,520632969
ENSG000000005189	REXO5	0	0	61,89347853	10,62677566	0	0,483939456	6,770640181	0	3,388062511	85,60189724	9,511321915
ENSG000000114455	ACCS	8,846111556	14,82006935	24,81113139	16,8850816	0,123280996	12,95731418	1,550611724	1,020910095	4,52972994	85,54272035	9,504748928
ENSG000000128203	ASPHD2	20,71604856	9,707217807	0	11,30460127	0	12,20944303	10,27275014	15,99272786	1,59272682	85,50426582	9,50447398
ENSG000000004807	VPS13D	0,101865754	3,537697805	1,16449655	24,52547527	4,444010419	12,15090462	15,15817907	3,898135066	20,52839006	85,5090738	9,5010082
ENSG000000111877	MC9M	0	0,793954386	41,8215898	5,4561406817	0	9,068255753	3,725151502	5,473748037	16,03253449	84,7664078	9,497404531
ENSG000000099810	MTAP	16,75446204	9,757287555	21,33335643	9,227317501	0,098253774	7,660030046	8,187325358	1,649912683	10,75418316	85,42212855	9,491347617
ENSG000000136925	TSTD2	0	2,128862033	1,667488244	38,39445643	0,063358776	8,898520698	6,176115495	18,71374315	9,344788012	85,3873311	9,487481234
ENSG000000048649	RSF1	11,80851346	5,894354004	3,620452369	1,873564001	0,076223663	8,51688348	10,67374679	7,544849824	8,738278555	85,486473173	9,486473173
ENSG000000090020	SLC9A1	0	9,608962715	1,044711687	1,053006834	21,15225682	11,22139332	11,44321833	13,17471157	16,91968338	85,37810419	9,486456021
ENSG000000066777	ARFGF1	0,327936856	5,116010672	18,24880657	3,256083416	0	15,96246077	15,19167868	17,21044497	9,989876467	85,3123984	9,479155377
ENSG000000119772	DNMT3A	6,59897091	4,684677206	6,290398247	21,90060976	17,47785044	5,176078724	10,30276353	5,745492896	5,024968364	85,29181008	9,476867786
ENSG000000168124	TMEM144	10,87185216	3,713315591	46,73602443	0,621072102	0,271970442	7,215844621	5,280532203	0	10,55603421	85,26665476	9,474071751
ENSG000000182134	TDRKH	0	0,025659466	0	0	0	22,156165	38,821769146	10,96689747	13,86914345	85,26255685	9,473617427
ENSG000000166140	ZFYVE19	9,106475068	0,056108391	0,116334003	0,436802636	0,075144914	4,547873101	22,31633861	22,33320052	26,13284431	85,12112156	9,457902395
ENSG000000000831	ADIPOR2	6,22160153	0,873726291	0,095345601	12,48514113	8,930280136	6,369270841	6,36				

ENSG00000153094	BCL2L11	0	19,13573468	26,43650881	0	1,834434561	16,3268371	9,745817555	4,964461651	4,467464478	82,91125884	9,212362093
ENSG00000119650	IFT43	10,82983237	8,419607385	3,997796246	15,63608429	11,19014394	10,02144423	9,082464109	5,861015819	7,840121745	82,87851013	9,208723347
ENSG00000103160	HSDL1	2,813228709	20,91887944	0,246436258	0,17349399	0,397958269	19,1028998	6,812994535	0,512642281	31,88052693	82,87712022	9,208568913
ENSG00000112983	BRD8	0,042892583	12,59650895	0,039452185	27,7330179	0	8,147184153	7,140732775	18,7587038	13,39909641	82,86287562	9,20698585
ENSG000000064393	HIKP2	7,680309378	4,737369865	9,840160974	26,38017227	17,7466869	5,681869065	5,164346657	5,689853966	9,969234776	82,81200385	9,201333761
ENSG00000158481	CD1C	68,00594478	0	0,113832964	0	0	0	12,69089763	0	1,978709801	82,78935828	9,198820586
ENSG000001021410	TTPAL	0	12,84467064	0,15758509	14,79223212	0,050895343	17,75261981	17,19526801	0,889775621	19,09562481	82,77867144	9,197763016
ENSG00000115840	SC2A512	0,567342985	9,84850637	1,860460995	26,56348207	0,175865594	9,289475646	0,389150556	0	34,06882866	82,7361129	9,192901434
ENSG00000072952	MRV11	0,251783003	5,95484182	22,70772497	10,16297771	0	3,943608505	5,11668237	0,216938269	7,602812275	82,72606999	9,191785555
ENSG00000169733	RFIG	9,891584574	10,4759229	11,57950736	0,742635115	0	17,59982832	17,14057834	1,282410999	13,99258421	82,70505182	9,189450202
ENSG00000105967	TFCF	0,017481556	16,34785216	4,920286342	6,822224	0	4,491332132	17,49094749	21,67473389	10,92203069	82,68688826	9,187432029
ENSG00000112574	RTN2	15,78068246	11,5499653	3,187252452	2,749237414	0	16,50365514	12,90863038	15,05233388	4,952835735	82,68459275	9,187176972
ENSG00000126012	KDM5C	0,986971758	1,136845881	2,420819013	15,51796711	20,73968619	17,88952133	8,726995706	3,672757311	11,58479525	82,67635414	9,186261571
ENSG00000160336	ZNF761	0,064660064	0,344213094	0	34,89181838	0	26,0544209	11,03301379	1,13114101	8,986160469	82,50542771	9,167269746
ENSG00000127334	DYRK2	10,47300985	11,77746093	9,398737284	13,57719375	0	5,766851729	16,17607819	4,94224864	10,35525703	82,4668374	9,162981934
ENSG000000008283	YCB61	0	4,658055893	1,417194613	0,344891394	0	14,69260961	6,704702409	47,41885788	7,228924394	82,46523618	9,162804021
ENSG00000160961	ZNF333	14,06527763	8,20394812	1,102049862	15,67453911	3,187891654	6,162842244	7,407323746	9,768082104	16,80194793	82,3739024	9,152658822
ENSG000000983093	PALB2	9,422525578	0	0	21,82245311	0	15,27341943	9,145299109	0,069609136	26,6222109	82,35551726	9,150613029
ENSG00000153767	GT2FE1	0	17,98222315	0	0,851716534	0	22,59731594	25,05683485	3,922072018	11,91182457	82,32198706	9,146887451
ENSG00000115894	EEF2KMT	5,26568165	0,085723146	24,97199738	5,839337667	0	17,60943461	13,15673558	2,640941237	12,65515001	82,22500129	9,136111254
ENSG00000153989	NUS1	15,02913724	6,373683905	11,36032098	21,70831002	0	6,399803313	8,188535012	9,43901913	3,720030471	82,21884007	9,135426674
ENSG00000198331	HYSL1	0	0,08941047	38,83749966	0,261021982	0	3,485283872	14,51757426	25,01121935	0	82,20200959	9,133556621
ENSG00000176410	DNAJC30	8,695698835	0	0	3,990152529	22,68871394	10,01472294	10,24968909	22,07329505	4,487239974	82,19951327	9,133279152
ENSG000000448052	HDAC9	2,173291118	3,617295657	20,07165985	9,800374633	0,021341745	2,928355695	6,323102249	24,25189819	12,95524874	82,14249388	9,126943987
ENSG00000137760	ALKBH8	0,100606239	6,129300046	19,43296967	0,231633355	0	1,435977029	3,926168844	42,82596259	8,001381563	82,08372633	9,120414037
ENSG00000275835	TPGCGP5	12,41874828	0	0	0,163698227	51,14158225	5,022073605	5,096740274	3,938680541	2,6222109	82,0371054	9,115233934
ENSG00000151689	INPP1	18,59302324	7,573361859	0	24,00660141	5,724189014	10,711737786	11,26285698	0	4,157640319	82,03505068	9,115005631
ENSG00000068354	TBC1D25	9,6777782387	5,070763996	0,070090797	14,32827052	0,090549053	9,328809532	17,68479969	12,33089158	13,40194286	81,99850041	9,1109449
ENSG00000121274	TENT4B	2,504902633	31,01544254	8,942876465	10,66936966	0,040095965	10,36941104	4,621942485	1,217219674	12,59669668	81,98193045	9,109103384
ENSG00000106290	TAf6	1,674870857	3,764555174	0,136936009	21,530344889	0,088452597	13,0766957	13,01059354	6,348250312	22,29242767	81,92313075	9,102570083
ENSG00000106346	USP42	14,38029045	3,260776585	1,572285628	17,41400698	7,10922737	10,11134878	5,322553676	7,709516917	11,43145322	81,91355497	9,101506108
ENSG00000125843	AP5F1	7,705510797	1,416156985	26,07170843	4,324363934	8,96744302	12,92750587	9,939827795	7,522185186	4,19686191	81,91868564	9,101207294
ENSG00000189046	ALKBH2	16,76073579	12,88018341	0	15,0407933	0,156819887	13,25835631	3,670966045	7,791906832	12,33566462	81,89542575	9,09949175
ENSG00000185122	HSF1	12,04896727	8,69376513	12,73311292	3,147943143	0	9,38231348	13,55221494	11,27401635	11,03518464	81,87651787	9,096390875
ENSG00000184384	MAML2	1,421169039	2,822943572	0,858445	4,541821568	28,40397893	15,06795945	7,46763346	4,081729638	17,13941116	81,83209182	9,092454647
ENSG00000103540	CCP110	0,014899484	10,39043641	2,958738127	0,035408947	0	7,377802218	7,249616895	17,91944409	2,25635632	81,75740399	9,084155999
ENSG00000179454	KLHL28	23,35141062	0,066404656	9,534483336	3,651021809	0,088934508	16,00350907	3,95230068	6,178259001	15,41817359	81,68742666	9,07638074
ENSG00000188060	RAB42	27,47464921	14,38216182	0	0	0	10,33174049	17,73694239	2,553358022	9,207850422	81,68665696	9,076296218
ENSG00000103042	SLC38A7	12,53012393	0	0,584605886	0,078394164	0	12,66074402	14,6071064	18,26647452	22,94815102	81,67555993	9,075066659
ENSG00000131115	ZNF227	12,51146092	12,53692129	0	15,08264896	0	13,46849396	9,851487894	0,130374657	11,00568832	81,6189906	9,068766733
ENSG00000241852	C8orf58	24,44904382	12,76481953	0	0,167508345	0	15,4963178	7,825356651	12,34525049	8,343215372	81,60791306	9,067545895
ENSG00000167904	TMEM68	21,21963227	21,23494496	0	6,330123013	0,083768963	4,450598629	12,29240481	3,699757229	12,24670925	81,565793912	9,061993236
ENSG00000163946	TASOR	0,938288356	10,78136096	5,064987553	13,04143654	0	14,52393078	11,63512545	14,12688501	11,44514922	81,55716387	9,061907096
ENSG00000155008	APOOL	2,697987717	14,36253902	10,61090727	10,08075706	7,738410948	4,468885782	3,051302517	18,56373975	9,954531284	81,52906135	9,058784595
ENSG00000066629	EML1	0	0,210072076	17,59578599	11,08393929	0,080384453	13,77791247	13,42469361	0,036982404	14,97588092	81,49115085	9,054572317
ENSG00000175048	ZDHHC14	3,665096486	1,108024794	1,69804588	15,37669272	31,93733084	3,889926385	3,640578264	7,668293067	12,50440578	81,47839422	9,053154913
ENSG00000145105	ASGR1	7,176542577	14,09390982	13,4243242	14,82901537	0	3,983978629	5,52364055	16,83911483	5,603163558	81,47369776	9,052633084
ENSG00000144749	LRIG1	0	0,038131684	36,76357964	27,86720221	0	0	7,547490108	0,845822272	8,404322253	81,46654817	9,051838685
ENSG00000147804	SLC39A4	13,00037296	6,286659251	0	4,510499263	15,26945243	12,98803243	16,10447734	1,378725595	11,92696793	81,46518662	9,051687402
ENSG00000184708	EIF4ENF1	0,396225685	8,744711612	20,09000715	2,865067732	3,119178916	7,749019069	18,30032702	0,108303692	10,20048044	81,43132587	9,045925097
ENSG00000178694	SUNJN1	14,26150791	4,96447144	33,51577622	5,096156086	0,040541606	5,113297295	6,954835517	5,297099637	6,147327955	81,39101366	9,043445962
ENSG00000092871	RFFL	7,136565955	6,300328949	0,261259492	0,858339732	33,75164872	11,3176948	2,609051781	0,194099253	17,05906397	81,32459705	9,036066338
ENSG00000147421	HMBOX1	0	14,87656506	0,796264417	4,485265657	13,58940195	11,93115409	18,68908307	1,245418994	15,66232564	81,23550979	9,026167754
ENSG00000013016	EHDP3	20,54477396	0,055573472	2,246885774	1,08159575	0	13,47915981	8,76342008	18,14821797	16,80914472	81,22877333	9,025419259
ENSG00000198799	LRIG2	0,012120845	10,6250219	1,293241818	4,048800822	50,35192621	4,684408679	2,405342853	0,901161089	6,57402072	81,09604493	9,010671659
ENSG00000159958	TNFRSF13C	50,53621772	1,223771806	3,946979093	9,130077712	0,091054144	6,520319318	1,145266722	5,194458211	3,298493042	81,08663777	9,009626419
ENSG00000174010	KLHL15	21,53903861	0	0	6,198869773	0	15,55411967	8,800677054	10,64218473	24,92371654	81,06205427	9,006894919
ENSG00000178814	OPAH	17,04715062	4,166133305	0	0	0	11,39444402	20,53972785	6,969489772	21,21688511	81,06083068	9,006758964
ENSG00000120370	GORAB	23,46959831	0	0	14,17749001	0	11,52095709	2,194816303	29,6891912	0	81,0520529	9,005783656
ENSG00000131747	TOP2A	0,023707338	0,042068089	6,192841866	45,76801092	0,169023004	16,2682942	11,41713093	0,673933068	0,437354539	80,99236446	8,999151607
ENSG00000098685	BIRC5	0,118828758	13,846399	2,113085942	4,606280044	0	13,65554943	10,55726778	0	0	80,98740135	8,99860015
ENSG00000125485	DDX31	4,141508608	2,755877029	12,88151559	4,328582848	31,72874067	2,303485873	7,330037427	0	15,48162519	80,96513154	8,994590593
ENSG00000124798	NUP153	0,025059796	0	23,69515272	17,56875617	1,667544144	4,980682562	5,618074567	17,42590257	9,984962967	80,93552164	8,992385738
ENSG00000160999	SH2B2	11,28258455	4,161599834	11,31043188	10,179							

ENSG00000130962	PRRG1	0,293418584	0	0,044980599	3,588911463	69,847778089	0	0,22332907	5,400306039	0	79,39872665	8,822080738
ENSG00000137331	IER3	1,455138829	10,12980889	10,29555922	19,13523147	8,512415819	8,725667367	14,68467589	1,468598078	4,955907261	79,36300283	8,818111426
ENSG000000218739	CEBPZOS	1,929077115	9,698753195	5,323023172	27,64800369	0,076407988	10,48413644	11,37241733	3,796482265	8,896907981	79,22520318	8,802800353
ENSG00000156931	VPS8	0,174930238	14,56337508	0,1072661	1,611020488	0	18,74216528	22,45296796	13,48387247	8,049883128	79,18548075	8,79838675
ENSG00000078596	ITM2A	0	0,130737201	0	76,84286917	0	0	0	0	2,174703332	79,1483097	8,7944256633
ENSG00000089916	GPATCH2L	0,075559958	4,585500161	13,41414859	18,98830943	13,3115385	9,37949001	3,703563253	6,056539351	9,559849761	79,07453902	8,786059891
ENSG00000123453	SARDH	15,4122153	0	41,6046807	10,14577178	0,070167554	8,071851035	3,75087159	0	79,05555795	8,783950883	
ENSG00000116830	TTF2	3,049583283	4,091554441	3,940651137	22,01430136	0,141412696	7,137519395	13,29061599	18,67192772	6,767788744	79,01545346	8,779494829
ENSG000000159251	RTL10	24,32251578	5,321059828	16,0585299	21,70942167	0	1,198819871	2,185735049	5,245117195	78,99212974	8,776903304	
ENSG00000128283	CDC42EP1	4,104972195	16,67969922	0	0	38,03252712	0	8,397620646	6,374525121	5,341258317	78,93060262	8,770066958
ENSG00000133121	STARD13	1,279376403	13,78120702	10,73998951	12,04171657	2,355290345	8,566572825	6,493456247	13,98810774	9,68458505	78,93030171	8,770033523
ENSG00000198865	CCDC152	8,65219414	1,765607215	28,56995578	13,22229903	6,682691169	10,21207386	2,909561091	6,621935221	0,266027086	78,90234459	8,766927176
ENSG00000014164	ZC3H3	1,347601237	0,50443268	3,809993294	2,384248626	22,87311409	4,770876567	14,16219818	6,571394248	9,439664797	78,89193485	8,765770539
ENSG000000159251	ACTC1	0,755224495	58,67427077	1,757710607	9,832422933	0,288414736	0,708871932	1,723257197	2,948021757	8,982601757	78,8023412	8,755815689
ENSG00000164086	DUSP7	17,77928217	2,270385607	16,08351957	9,804048261	2,913989583	7,755565854	4,847063452	3,963582747	13,34265912	78,76009637	8,751121819
ENSG00000119280	C1orf198	0	31,277171188	0	2,831303735	0,208748814	8,486803381	16,5073349	0	19,44528619	78,75073876	
ENSG00000025622	MTRNR2L3	1,767375095	1,742313191	14,08865999	13,73341972	5,133584101	9,055548046	9,131044304	19,32365892	4,709596049	78,68516435	8,742796039
ENSG00000120539	MASTL	0,041616792	0	0,076557449	33,56007522	0	8,910097069	9,01893601	0,091003737	26,82004342	78,5183297	8,742458856
ENSG00000100580	TMED8	0	0,138199717	13,46740333	17,71842953	0,277632425	15,3704039	11,47840945	15,54034495	4,453994736	78,44481803	8,716090892
ENSG000001086017	ZNF566	18,13979694	9,971026388	0	21,53991484	0,221643291	12,77416722	3,658986692	3,314032848	8,803407242	78,42297907	8,71366341
ENSG00000182359	KBTBD3	6,438876523	2,573339732	0,160065316	31,05176281	0,068928511	10,66795455	5,424666993	15,72893911	6,278116683	78,41065023	8,71229447
ENSG00000103277	LMF1	7,433472746	0	18,84038567	1,74315846	23,37993474	11,18430342	6,934167504	4,33462083	4,559819932	78,40986633	8,712207034
ENSG00000135365	PHF21A	0,013504072	1,174169616	16,49497638	15,20371791	1,925556323	8,495689048	9,183217329	2,126120542	23,74982367	78,3667818	8,7074202
ENSG00000173917	HXB2B	15,78380961	4,247112159	0	15,63822622	0	11,71885495	5,102603399	19,66198839	6,205491754	78,35808648	8,705454053
ENSG00000140525	FANCI	0,019457367	25,17068221	29,60205278	5,745542191	0	6,815023689	8,595186277	0,170195502	2,177701974	78,29564259	8,699538065
ENSG00000148985	PGAP2	20,18271309	6,524481356	0	4,287573881	0	20,66751696	17,35545719	0,087393432	9,19156299	78,2878789	8,698653211
ENSG00000229833	PET100	5,44542597	13,28631532	5,008650432	11,98890424	4,852939762	9,640749727	7,347361784	13,09830718	7,61803312	78,28668753	8,698520837
ENSG00000187118	CMC1	7,4888178	11,12485085	6,545055022	8,967589186	0	9,876192119	5,634431504	20,26590056	8,801002381	78,28410943	8,698234381
ENSG00000164916	FOXK1	8,958714589	5,360384864	6,299411674	4,798209132	35,48429859	4,911743	2,996506479	1,638810231	7,784964194	78,23304275	8,692560306
ENSG00000186834	HXB2B	29,94733084	19,44029501	0,849385366	2,75313621	0	22,12141023	13,38350208	10,463761	7,074924953	78,22589161	8,691765735
ENSG00000100731	PCN1K	1,914962017	2,021291775	23,91477011	4,402253236	0,06445442	10,9184346	8,955970441	11,68332811	6,637727886	78,21323742	8,690359713
ENSG000000204291	COL15A1	0,249844623	8,101088534	27,61834448	1,7648929183	2,21310976	20,648442289	8,015167453	1,19200806	8,408207366	78,21111953	8,690124393
ENSG0000013379	ZNF845	20,88805657	1,745229196	0,043077654	0,242617364	0,055651254	13,47236048	9,32986109	27,44660285	9,42480324	78,15138472	8,683487191
ENSG00000135798	NTPCR	14,56395559	5,243094489	11,58980985	9,603706976	10,0591157	9,016115917	7,613375765	4,731212743	7,795378915	78,12257002	8,680285558
ENSG00000140056	E1F4EBP3	3,052738801	15,09024243	0	6,024472718	17,61904248	7,182276048	7,061100935	10,01316871	12,06795598	78,11099812	8,678999791
ENSG00000174456	C12orf76	29,94742193	14,78198341	1,318222165	3,904979248	0	9,867343022	3,693949707	9,467103792	5,912130031	78,0817243	8,675747144
ENSG00000075340	ADD2	2,921335896	8,928897975	0,02193483	2,264881812	57,12782809	1,754282118	4,970102317	0,026073903	0,01466476	78,0300017	8,670000189
ENSG000000020922	MRE11	3,517855657	21,93540357	0,180764793	2,273721329	0,046705364	13,7881205	10,32939526	0,386774757	25,52398589	77,98272712	8,664747458
ENSG00000183878	UTY	24,38221916	0,116697639	36,35426819	0	0	0	0	0,035951497	17,08631393	77,9545089	8,663939898
ENSG000000233927	RPS28	2,75273952	2,27775177	17,70991664	11,20579646	7,965325385	7,594773922	11,90162187	3,430656199	13,24324864	77,8965102	8,6551678
ENSG00000164330	EBF1	1,789591472	3,175532924	14,39727007	15,86239466	22,51218448	2,095822854	1,862341893	13,82680686	2,288967115	77,81135185	8,645705761
ENSG000000205309	NT5M	0	4,922545642	23,95646952	5,189425808	0,386259605	9,814190157	10,94106414	1,011018565	21,60785675	77,80863018	8,645425575
ENSG00000168488	ATXN2L	3,041715543	6,551102952	4,314073448	13,19108891	0	15,2705033	17,25060256	4,417302951	13,76479375	77,80514338	8,645015931
ENSG00000172578	KLHL6	1,031960646	9,715474157	5,325963935	27,34324425	0,272497424	13,04561018	10,05619184	0,062683215	13,34400421	77,72775871	8,636417634
ENSG000001025246	CLYBL	1,93189217	6,826916842	0,153856427	0,68105528	28,67176172	5,877003962	4,513945803	0,137166695	11,57201259	77,70561194	8,633956882
ENSG00000170545	SMAGP	7,744232944	9,741130071	0,090165455	25,39101277	0	6,673017032	10,41855498	6,537952844	11,09171589	77,68778199	8,631975777
ENSG00000135636	DYSF	18,96821362	0,255708189	17,03203849	0	50,6420375	5,181615341	0,01495653	0,6302447	0	77,68340188	8,63148908
ENSG00000196247	ZNF107	6,30858149	0,299516336	0,038813194	3,2069977	0	11,98852572	0,525566875	23,0224587	3,529059904	77,62951992	8,625502214
ENSG00000132638	ZBED3	5,016796277	2,318707845	27,85801042	4,150139343	19,68602958	11,29811061	2,479957149	9,016391767	77,58452422	77,625052691	
ENSG00000197050	ZNF420	0,074128315	0	8,181901368	33,92090668	0,088083773	10,98745541	7,139837386	0	17,18521925	77,57752319	8,619725799
ENSG00000135040	NA3A5	0	8,469192532	0	3,153292744	2,268526085	28,16059775	17,6781874	0,18150759	17,55869367	77,46999777	8,6077753
ENSG00000117036	ETV3	0,540726658	15,43205786	22,09085922	15,12789997	1,552767068	6,110021238	7,96933971	2,906760024	5,680414055	77,45584579	8,606205088
ENSG00000163785	RYK	12,22916789	3,247188928	16,92656353	0,04627506	9,154255754	10,35321243	9,608759637	15,88945039	17,45522608	77,405914009	8,605914009
ENSG00000116574	RHOH	32,58500326	4,801533923	10,07018474	0,131619155	0,271715669	3,556721064	8,797163253	21,75117834	5,437112938	77,40216712	8,600240791
ENSG00000107679	PLEKHA1	26,11328756	6,539776122	6,269792711	8,594122819	4,716168842	7,131401842	2,369634803	11,475527151	4,732392826	77,38595055	8,598438951
ENSG00000144354	CDCA7	11,17826335	0,35330465	54,85338688	7,941847022	2,952145493	0	0	0	0	77,2789474	8,586549711
ENSG00000150760	DOCK1	0,575341156	11,52661509	4,028697087	6,79418013	0,264604783	19,9695855	16,33487496	5,275914244	12,48563592	77,25548487	8,583942763
ENSG00000168273	SMIM4	2,375377773	3,458502122	2,577002127	16,51220919	13,46147982	13,10700243	8,749039676	7,991162455	8,988498082	77,22072478	8,580080531
ENSG00000186106	ANKRD46	14,66966688	7,003021308	21,101567759	12,19489916	0,12340809	10,71862145	0,129350858	18,45210214	11,81489059	77,20762465	8,578624962
ENSG00000134444	RELCH	0,84814165	0	28,16206241	17,59907546	0,033593783	6,332227811	6,255910847	8,593153393	9,353173899	77,17733926	8,575259918
ENSG00000165338	HECTD2	4,906187359	3,737736971	0	1,287731043	0	9,925905498	13,41609178	36,10462547	77,177163959	77,15004178	8,572226864
ENSG00000197808	ZNF461	1,075294978	0	58,48919167	0	0	4,479372728	5,330782209	0,069157507	7,701467349	77,14527103	8,571169671
ENSG00000071575	TRIB2	16,13866164	3,097542721	0	0	0	11,42714521	11,78677269	24,12719706	10,55184302	77,10916235	8,567684706
ENSG00000170832	USP32	12,01330624	13,06636085	0,9925								

ENSG00000186314	PRELID2	15,09700027	14,01821433	6,050915643	14,02980608	0,066812566	4,630062606	5,719112807	13,4018113	2,31659851	75,3303341	8,370037123
ENSG00000169570	DTW2D	0,309072243	13,61962094	27,90698454	0	0	11,22606026	12,91700708	5,857370892	3,484424314	75,32108627	8,369005985
ENSG00000148174	MRRF	6,093720339	7,386965838	30,20372802	0,672011974	5,532395306	4,134608844	6,765278436	4,880909334	7,612381338	75,36466603	8,36466603
ENSG00000105303	FZR1	19,86644977	3,871194595	5,251351893	6,259185931	0,055155513	8,434403454	13,6627961	3,603263467	14,27137416	75,26823897	8,363137064
ENSG00000130703	OSBPL2	10,35432285	3,000592628	20,77340358	6,59829513	0,08257474	10,36394763	10,94391338	3,469727581	12,5350609	75,18337279	8,353708088
ENSG00000178425	NTSDC1	20,41360496	14,71533352	13,619389	0,5071027443	0	8,423816061	9,100763098	17,90777181	10,98750481	75,15304155	8,35033795
ENSG00000202014	TRAF3P1	24,95584197	3,545006937	12,16991331	5,259417563	0	13,5561958	3,290400991	0,071615641	12,28551499	75,13343554	8,348159489
ENSG00000205604	MTRNR2L10	0,395060315	0,350512418	3,815413123	1,193820145	34,7381675	0,325314856	2,378195835	30,45181308	1,336151467	74,98448474	8,331605416
ENSG00000134278	SPIRE1	0,555213364	0	0	21,01221626	19,29734497	10,49005943	9,911618388	3,743441212	9,958095489	74,96879859	8,329776621
ENSG00000196605	ZNF846	1,236078288	22,6193405	0	0,066701169	0,091798963	18,44864542	15,97245024	6,588419291	9,928916962	74,95235053	8,328038981
ENSG00000177728	TMEM94	6,298362094	5,098996574	18,99300179	1,38472955	0	7,997458424	13,6914558	7,708313294	13,70476842	74,87708584	8,319676216
ENSG00000047344	SCML1	1,484440752	22,53622049	20,73346199	0,5473808837	0,130659466	8,782968496	3,583562329	8,475763875	9,094545114	74,86909113	8,318787904
ENSG00000132481	AC087289.1	22,34226244	0	0	8,123851347	33,1141772	4,589577162	1,316540845	0,630399811	4,609230123	74,81603892	8,312893213
ENSG000002074997	HIST1H2AH	3,123732727	8,314480623	0,718294829	0,67425058	0,82990146	13,28999452	7,781105861	0	0	74,73176059	8,303528955
ENSG00000226124	FTCDNL1	0,931090867	13,02320696	19,04249319	4,255916585	0	11,66605722	10,95989489	4,670876453	10,17137545	74,72091162	8,302323514
ENSG00000167799	NUDT8	6,117836869	6,513570852	18,00680803	17,0787399	0	6,60507694	8,635609895	9,364542399	2,382647721	74,70483261	8,300536957
ENSG00000131944	FAAP24	15,366096	13,91623038	0	6,495849579	0,151526389	11,20071404	1,905878461	18,12510286	7,527960396	74,68935811	8,298817568
ENSG00000143674	MAP3K21	0,01898374	0,336861809	22,42000296	26,81467453	0	8,879133879	5,028270843	0	11,18347791	74,68140567	8,297933963
ENSG00000184445	KNTC1	0,04002929	3,456841679	5,301872087	20,96696043	23,27525617	0,161149346	12,39746592	0,350129343	8,664632562	74,61433682	8,290481869
ENSG00000179428	TV2P23B	14,14853585	10,8731441	6,38589855	9,309375182	0	8,6911104001	5,699226706	9,43112932	10,02651667	74,56494033	8,28499337
ENSG00000148600	CDHR1	0,039102231	2,91420986	22,40672812	3,308529889	0,092927298	14,08168435	6,217510306	4,360761533	21,13586403	74,55731762	8,284146402
ENSG00000067646	FOY2	0,096500678	55,17582314	0	0	0	0	0	0	19,2635589	74,53588807	8,281765341
ENSG00000204346	ZNF783	0,022476658	6,221947347	33,82235921	3,609542264	0	7,329382907	3,396638469	9,092725716	10,9744265	74,46499097	8,274388785
ENSG00000163921	PROK2	0,166238066	65,31584471	8,573808837	0,222639518	0	10,102858386	0,077786939	0	0	74,45917645	8,273241828
ENSG00000197724	PHF2	1,625447533	7,061603118	7,681571726	17,46986755	0	9,138620416	5,67781176	17,77188883	8,030830803	74,45764714	8,273071304
ENSG00000147459	DOKC5	9,904551758	5,450381514	1,303928165	9,351162702	0,336904318	11,77737848	9,518763695	17,21508504	9,475876552	74,43583623	8,27064847
ENSG00000186814	ZSCAN30	13,51974638	0,129678153	11,02375438	24,57603013	0	6,118090424	8,980587177	2,437009868	7,639682937	74,42457945	8,269397716
ENSG00000106415	GLCC11	4,456697057	8,33682813	1,49429535	24,71736212	2,139157233	5,953786495	11,19261715	6,384977115	9,747289632	74,42301446	8,269223829
ENSG000001660218	TRAPPC10	4,109357833	1,974436952	5,326536915	6,984178623	5,138406806	8,732135616	19,47514567	9,151856903	10,76109057	74,36314589	8,262571765
ENSG00000196693	ZNF338	0,072745491	0,161356361	29,10611218	3,26882101	0	4,273060948	4,318752552	2,18725493	1,834085307	74,36218878	8,26246542
ENSG00000100294	MCAT	0,063279133	22,45745394	0	10,38057897	0	12,2279151	6,357583824	8,302376698	14,553087064	74,34249251	8,260277246
ENSG00000148358	GRP107	0,049604083	1,83646701	1,733763611	35,4327939	0,117885176	10,18196035	5,354352717	6,833584994	12,055978867	74,3372885	8,259698723
ENSG00000078699	CBFA2T2	8,56458347	0	6,466704217	8,829353058	0,075947455	7,840224721	3,860829715	27,98753184	10,7608958	74,2978702	8,255318919
ENSG00000197461	PDGFA	0,400437552	0,452178752	31,13966418	9,948959302	2,681918529	7,354263096	7,284594077	8,039964182	6,939583462	74,28746314	8,254162571
ENSG00000118960	H5BP3	11,41724312	3,226871249	2,090790488	6,173230852	10,90244026	14,9971817	10,85264752	6,619988259	7,99298889	74,27338234	8,252598037
ENSG00000159079	CFAP298	7,411493842	8,982732189	9,157959592	0,079358731	13,55912986	10,19476429	6,084254485	3,730614218	7,91269078	74,11657665	8,235175183
ENSG000000663180	CAX11	0,155303773	3,582575541	0,142846916	15,28601598	0,184541389	12,78858505	21,34156212	0	20,62839096	74,10982174	8,234424637
ENSG000000090615	GOLGA3	8,071567929	10,12952822	1,021311716	7,669497134	20,4678392	6,330078927	6,54833386	5,696611009	8,018625266	73,95339286	8,217043651
ENSG00000137720	C11orf1	5,20329512	28,38611953	0	11,59055312	0	10,48154469	11,89004569	0,188067328	6,293607328	73,95233296	8,216925884
ENSG00000136068	FLNB	12,76944947	2,998147363	1,075897745	9,46338139	0,154437016	8,300285446	17,00576246	9,331366804	12,41424559	73,91297818	8,212555327
ENSG00000120798	NRC21	15,00803777	13,50265727	0	0,080859924	0	2,930555585	18,66308006	15,30832595	8,408302526	73,88094615	8,211313233
ENSG000002058102	MAP1LC3B2	7,098095699	7,977084554	7,689428625	6,264618388	11,99557553	6,148043291	7,923752699	10,34736781	8,438751272	73,88298787	8,209220874
ENSG00000138709	LARP1B	5,738376101	9,560337134	4,193159721	23,3906864	15,26628371	4,4627845	4,301461804	5,019259253	1,94080229	73,86753291	8,208725879
ENSG00000174370	C11orf45	0,080592304	21,09383734	0,074128026	0	0	3,229725893	10,9075542	22,11708705	16,35449396	73,85741877	8,206379864
ENSG00000100281	HMGXB4	7,573140488	12,50079254	19,80943762	2,215731553	0	9,060717476	3,029170519	2,255713831	17,35929054	73,80399458	8,200443842
ENSG00000129250	KIF1C	8,89611077	8,65881721	0	19,31612367	0,0837299	7,740775831	11,65771212	11,78747699	5,97967369	73,78740259	8,198600288
ENSG00000129317	PUSL7	4,241473594	0,114615089	0,099016919	15,00139093	14,81292705	6,744040346	7,329605488	21,16268976	9,210243933	73,7636362	8,1951518
ENSG00000187954	CYHR1	11,1630676	7,753569636	7,327972365	5,598809482	6,861651213	8,204834896	10,60222382	1,553079606	14,62162278	73,68691276	8,187434751
ENSG00000163590	PPM1L	6,339794075	0,344821733	0,245762827	17,14203383	40,49525092	3,120324301	4,659001236	0,106231907	0,627355916	73,68094615	8,186771794
ENSG00000164506	STXBP5	4,488432792	7,428534085	28,87245697	5,713541904	0,034188646	8,229189876	3,069866272	12,30006815	3,485506899	73,62178564	8,180198404
ENSG00000152484	USP12	0,059369242	1,420689561	0	23,09259007	0,070470475	19,10615731	12,01354058	9,785866293	8,278485195	73,58588682	8,177320758
ENSG00000183647	ZNF530	25,53133372	12,28783822	0	4,15915481	0	3,074254559	4,599828868	27,32224457	0,333257362	73,56467278	8,173852531
ENSG00000122774	EMC6	6,850867841	5,557347152	0	0,439882733	19,53748287	11,60514397	9,751580207	2,140120256	13,72182872	73,55835375	8,173150416
ENSG00000143772	ITPKB	13,16673826	0,609760091	0	14,7971937	0,510400145	10,72900972	16,24551911	8,359487353	9,086299554	73,52440793	8,169378659
ENSG00000105278	PRKD2	0,05549415	4,234339333	1,990676434	7,007607089	0,05549417	18,467384676	10,19335427	22,18146153	74,06087124	73,162319027	8,162319027
ENSG000000005436	GCF2C	3,401024738	5,593447028	0	1,193664111	0,065712268	11,35417304	12,60443042	31,92487679	73,14146832	73,44877523	8,160973915
ENSG00000117519	CNN3	1,303145417	56,46108949	11,3868959	0	0	0	3,967441328	0,237466452	0,066779203	73,42281769	8,158090865
ENSG00000107890	ANKRD18	8,467976822	3,309144441	0	17,51395812	13,97397313	4,241260178	12,6560554	6,449736553	8,01393903	73,42249855	8,158055394
ENSG00000167065	DUSP126	3,633445182	0,060256629	15,86672925	3,752772668	27,51889482	8,910702884	4,708661898	0,074254958	8,985575111	73,42129339	8,157921488
ENSG00000153037	SRI91	1,034511846	10,07094134	3,806136185	7,989071201	15,80977675	8,566078078	6,692864529	15,04974402	8,382242509	73,40154862	8,155727384
ENSG000001089737	DDX24	10,34089998	7,788486119	13,95229496	9,091142237	2,71056301	4,491363352	6,341302942	7,102404437	6,858586666	73,30181552	8,144646133
ENSG00000125755	SYMPK	0,793944155	2,169760257	2,667855673	23,15220936	22,74050677	3,215805307	5,324343219	7,555099728	5,735572008	73,30049648	8,144499609
ENSG00000198892	SHISA4	18,429100344	0	8,070153854	0	0	11,07776554	20,48055247	4,542055911	3,		

ENSG00000180447	GAS1	9,993958251	6,479743086	0,265163846	20,57611246	0	8,598862958	8,018930598	8,720530717	8,863904083	71,517206	7,946356223
ENSG00000019200	RNASEK	6,672853596	10,94151258	6,526083934	1,166841697	0	11,68514962	10,52015081	14,40687326	9,557227529	71,47669303	7,941854781
ENSG00000015276	ANKRD22	0,151299695	12,48420826	0	30,30633998	0,08989175	12,33427817	1,538935236	0	10,46756167	71,37260476	7,930289418
ENSG00000018036	TIGD2	39,69177252	0	0,086409729	0	0	4,074272788	17,04399599	0	10,45639432	71,35284535	7,928093928
ENSG000000135631	RAB11FIP5	10,49081604	4,027068859	0,078770218	0,998192734	33,37788436	5,900191946	13,56387976	0,093634051	2,817452236	71,3748902	7,927543355
ENSG000000153207	AHCTF1	0,031487929	6,369699523	81,38404648	14,10973659	13,73162513	2,523749135	12,05289082	7,711746523	6,660888066	71,33022837	7,92558093
ENSG00000010626	LRRC23	21,74410021	0	21,67734717	0	0	2,609340656	4,43997243	26,7422471	10,51041897	71,32804047	7,92533883
ENSG000000124788	ATXN1	3,317102691	2,845207614	6,39859873	16,97864561	13,42759281	11,60591616	8,312092508	2,467314029	9,597689435	71,31015959	7,923351065
ENSG000000161960	EFT4A1	4,888286281	2,521553508	7,789925663	21,85886959	0	7,956987662	4,76678711	16,468901029	5,9841069	71,3067041	7,922967122
ENSG000000127946	HIP1	0,016874436	0,029943272	35,63606939	7,896524636	0,441127076	0,500232895	4,763809367	10,40564467	11,53887955	71,2291223	7,914346922
ENSG000000240849	TMEM189	6,039850069	7,505676966	5,432721642	14,77238729	0,815044227	11,79845735	13,00423817	3,499748288	8,295255187	71,16337919	7,907042132
ENSG000000101639	CEP192	0,030524305	4,874816687	1,094962515	2,951693481	13,60156332	7,121704383	11,21515441	20,12443634	10,13605919	71,15091463	7,905657181
ENSG000000104518	GSDMD	12,86742912	6,907886335	4,154668146	5,285408532	11,86465037	10,89756787	5,058292637	9,292456864	4,787786513	71,11614639	7,901794043
ENSG000000156162	DPY19L4	4,912787611	0,075151906	20,29535196	14,33387192	0	10,11366324	11,58701637	0,046305293	9,74027457	71,10442286	7,900491429
ENSG000000132478	UNK	12,36342944	10,5514361	8,22901376	13,47065031	0,064822661	4,791641204	5,02787251	9,304655692	7,212455287	71,03597697	7,89288633
ENSG000000124074	ENKND1	4,933065534	6,942513323	1,043077294	0	36,51814408	7,159368225	2,0715552	7,191446498	5,160466284	71,01963644	7,891077016
ENSG000000116031	CD207	70,77740555	0	1,048971114	0	0	0,088912421	0	0	0	71,01528909	7,890587676
ENSG000000116824	CD2	0	0,164001223	38,59417888	32,23783784	0	0	0	0	0	70,99601794	7,888446438
ENSG000000143387	CTSK	70,83308	0	0,15240137	0	0	0	0	0	0	70,98548137	7,887275708
ENSG000000167766	ZNF83	0,075291764	16,29961336	0,03462632	23,85728343	0	7,233271281	7,126864897	0,32928208	16,01965538	70,97588851	7,886209835
ENSG000000189164	ZNF527	18,59534346	0,083325668	0,043191439	4,378647803	0,111596502	4,0730067	10,02047089	15,96723905	17,61441557	70,88722798	7,876358664
ENSG000000185112	FAM43A	19,75222375	2,150296713	3,901083987	9,295025222	6,911644761	2,527907744	12,97968952	3,709770606	16,02125192	70,88337152	7,875930169
ENSG000000164576	SAP30L	2,925882363	14,61721359	5,340993859	2,697315814	0	8,896009475	13,34313629	8,957267097	14,31079118	70,87860967	7,875401074
ENSG000000213762	FINF134	0	16,85344737	0	0,09305253	0	4,745836695	33,10717459	0,385796343	9,691937725	70,87724525	7,875249472
ENSG000000181991	MRPS11	7,410539713	12,76866667	5,186195877	0	0	9,050203811	11,68202807	9,628667984	15,12397072	70,85047285	7,872274778
ENSG000000154153	RETREG1	25,3394696	0,058700088	26,16712841	3,313097313	0	4,939544315	0	0,072336914	10,94411438	70,83432902	7,870487861
ENSG000000144046	TLNRD1	9,481447571	5,755782871	6,02433651	24,45087275	1,778910427	6,917221155	8,623657494	1,705028728	6,022271207	70,75952871	7,862169857
ENSG000000156113	CNKMA1	0,21197196	4,41587235	0,912458523	19,692237688	28,37153516	9,276730428	0,788501694	7,064053991	0,005213964	70,73871495	7,859857217
ENSG000000139055	ERP27	0	18,85708258	0	0	0	8,043613468	10,22746979	22,88571858	10,69335344	70,70723786	7,856359763
ENSG000000188315	C3orf62	1,386335511	0,064737325	4,563652035	9,701590074	48,98633786	2,4433395746	1,454026059	0,159553147	1,929357909	70,68898567	7,854331741
ENSG000000173706	HEG1	0	1,668486954	0	22,07629301	0	14,3032101	5,666564572	11,07638956	15,89133249	70,68227669	7,853586299
ENSG000000174943	KCTD13	6,551712571	0	0	0	44,20849275	5,035378296	2,642298723	6,702838084	5,496544473	70,63726514	7,848585015
ENSG000000102329	PAQR3	30,92144065	4,95077949	0,896493103	9,340895648	0	12,15937388	0,880103111	8,20558368	3,266511477	70,62118042	7,846797825
ENSG000000166278	SC25A14	0,002019532	44,55666336	0	1,387490726	0,238695608	11,37789847	0	1,317784915	11,02936517	70,609117778	7,845457531
ENSG000000198793	MTOR	14,21453433	8,075899829	0,022937544	7,98802505	0,148163026	9,555704476	16,42016227	1,881342121	12,26810904	70,57488704	7,841654116
ENSG000000073417	PDE8A	30,37692506	0,737021989	0,764063241	0,089008573	0	10,92241917	17,68247557	0,330269433	5,989531946	70,56153778	7,840170865
ENSG000000141441	GAREM1	0,018969441	4,308583481	21,1817625	10,80950811	0	10,05960439	10,6947471	5,102115466	8,375458385	70,55074888	7,838972098
ENSG000000124508	BTNA2	14,28913649	20,7875011	2,563340109	0,489406017	0,056129657	15,14407265	10,31531645	0	6,884280366	70,52927283	7,83658587
ENSG000000155801	GRASPSP2	0	0	56,2953408	0	0	8,389440482	5,744805138	0	5,744805138	70,47634026	7,830704474
ENSG000000175855	CTNNB1P1	28,23989101	12,12621803	0	3,047758014	0	9,490542123	8,26698032	4,552258193	4,675384208	70,39903962	7,8222115513
ENSG000000115295	CLIP4	14,94343091	0,10338337	3,000941822	3,1187744716	0,046153135	0,042645052	0,042645052	45,56693111	1,04914881	70,33472866	7,814968852
ENSG000000132840	BHMT2	0	0,1435834	0	0	70,09282152	0	0	0	0,049758105	70,28616303	7,809573669
ENSG000000170412	GPCR5C	4,889149007	4,38808027	2,465532421	3,129263905	42,70829486	3,5441235	0,92476572	6,604563498	1,601925051	70,25570066	7,806188962
ENSG000000189362	NEMP2	0	0,082189119	0,042602314	7,01982062	13,81432398	13,04400396	5,980271763	15,5468831	20,96291807	70,19301893	7,799224325
ENSG000000159882	ZNF230	0,024035402	5,715130907	31,30426437	14,5678664	0	1,425031198	6,625759539	7,831199389	2,690000561	70,18328777	7,798143085
ENSG000000162073	PAQR4	7,270797983	2,70668237	11,59809296	2,246136351	0	14,45855968	19,92664731	3,780207301	7,879092129	70,16621511	7,796246124
ENSG000000161640	SIGLEC11	9,667647603	7,69017397	0,613255812	1,7569697	0	10,14391802	6,129184198	16,55817719	17,62994113	70,1592549	7,795427766
ENSG000000134690	CDC48	25,6875409	13,15077141	0	11,6043401	0	4,82699101	14,86244581	0	0	70,13208923	7,792454359
ENSG000000188566	NODR1	10,93201375	1,796437941	24,11251916	4,876429356	0	6,669183972	6,945995107	0,699085827	14,08921096	70,11187608	7,790208453
ENSG000000166750	SLFN5	5,138948581	8,917969836	1,588606524	0,293350168	0,067288278	12,23267977	29,563227	0,061913916	12,24003234	70,10401641	7,789335156
ENSG000000066213	HDAC7	6,818484921	3,889247382	12,03983140	5,992463156	10,40763272	6,60094943	7,974595033	4,127103786	7,600089848	70,09080679	7,787867421
ENSG000000197037	ZSCAN25	0	0	3,486994988	18,60931602	0,101231161	8,628753038	13,91756889	12,90068713	12,38976815	70,03431929	7,781591032
ENSG000000197296	FITM2	0,130605506	18,1928669	0,060064844	2,424417439	0	5,771737867	9,59734173	4,855131934	28,95318851	70,98535174	7,776150193
ENSG000000196141	SPATS2L	2,977975467	4,591736154	15,98259251	11,38298559	0	11,1263096	12,73548477	8,31381338	2,862459589	69,97335706	7,774817451
ENSG000000113555	PCDH12	37,62254384	0	0	0	0,052656531	15,93422694	8,941140961	7,412974902	0	69,96353417	7,773727019
ENSG000000197302	ZNF720	12,70037074	4,452643237	0	1,594957057	12,80472085	10,14123329	6,378330855	17,03340375	4,790054007	69,89565078	7,766183421
ENSG000000165006	FXN	17,03071481	14,2233843	1,328093086	8,682670356	0,087986657	5,223449493	4,611184565	12,91297648	5,80556962	69,88602917	7,765114353
ENSG000000144306	SCRN3	0	0	7,17757495	1,574173351	4,159662653	18,9772233	19,43821263	4,465331993	14,082	69,87417888	7,763797653
ENSG000000185670	ZBTB3	11,1967471	17,04155482	27,12817833	0,157189744	0,649007607	10,49434371	0	0	3,078782748	69,74580407	7,749533785
ENSG000000132122	SPATA6	0,025448058	0,361255642	0	0,747035124	0	23,30236123	8,029425086	31,10692544	6,165672767	69,73812334	7,748680371
ENSG000000105722	ERF	0,878281078	4,101284798	16,92200664	8,817987726	17,79658668	4,618495711	3,377604532	8,18758029	4,036434109	69,73626156	7,748473506
ENSG000000111602	TIMELESS	0,051652904	22,7767149	0,760157509	15,404413757	0	10,74689943	2,444644992	0,056474888	13,37231001	69,65299448	7,739221644
ENSG000000163517	HDAC11	11,75721703	0,820162875	0	0,299249561	30,27544182	4,123138398	5,348859498	6,064178649	10,90706984	69,59540817	7,73282313
ENSG00000076850	GPATCH1	22,22214274	12,90522995	0	0,058140591	0	10,42486244	6,777384508	0,515383684	16,52245151	69,52559543	7,725066159
ENSG000000178385	PLEKHM3	6,401229708	4,446761129	5,326478955	8,65448532							

ENSG00000160753	RUSC1	7,264663648	14,17512507	9,421318514	1,201579364	0	8,220656683	6,656005824	11,32083801	9,790404378	68,05059149	7,561176833
ENSG00000164296	TIGD6	0	4,807973832	40,95272599	0	0,261049825	4,381936724	0,668850813	0	16,97701451	68,0495517	7,5610613
ENSG00000161847	RAVER1	3,673607288	1,884910625	8,207084666	3,406461809	12,0451154	10,12990868	9,601164188	4,711961095	11,30980041	68,03401416	7,559334907
ENSG00000277792	CISD3	5,333981841	7,652569285	5,741233738	5,711153574	13,35059583	9,906038939	7,962630908	3,84659091	8,444396994	68,01917382	7,55768598
ENSG00000212804	METTL16	3,53504693	5,252389749	1,12013471	11,59516285	13,94826362	6,462601376	11,89538518	6,028747986	8,175249972	68,01298238	7,556989043
ENSG00000101190	TCFL5	0,351829035	3,121559954	0,323608963	19,44102255	28,532913	0,772575444	5,294877224	0	10,16855244	68,00693861	7,556326513
ENSG00000196653	ZNLF502	0	0	0	0,079723488	0,109721127	12,120259653	20,81588459	28,87390355	5,564607144	67,96443652	7,551604058
ENSG00000003757	MR1I	3,40064181	2,166178881	21,65453743	9,485806924	0,414446096	9,956549323	10,17229178	9,62893573	1,072397501	67,9517857	7,550198411
ENSG00000104522	TST3A	5,10961464	10,33030433	0	7,593728474	11,04823925	10,86205985	9,493376318	9,066802157	48,1332438	67,93001745	7,547779716
ENSG00000120662	MTRF1	0	0	0	4,211915758	0	15,24770465	18,29299295	12,30204196	17,85403976	67,90869508	7,545410564
ENSG00000111412	C12orf49	15,6369316	7,446672277	1,057080349	3,788638719	0	8,029781311	18,96947172	7,996227147	4,968471211	67,89327434	7,543697148
ENSG00000104154	SLC30A4	7,38043156	12,79571219	0	6,567264499	0	9,550297338	12,99100995	5,105144078	13,47653575	67,86639537	7,540710597
ENSG00000054523	KIF1B	3,462239937	5,43244797	21,00538107	12,64916158	0,486389448	5,711368611	4,722839246	9,100003891	5,243976362	67,81380811	7,534867568
ENSG00000160703	NLRX1	0	1,512078948	0	22,41606437	0	6,206053527	8,042365265	8,136640666	20,85533342	67,75711133	7,528567926
ENSG00000179832	MR0H1	14,48321988	3,393891224	14,20112952	0	17,45687402	7,136756899	4,787274889	2,818528366	3,477271443	67,75496462	7,52832736
ENSG00000169598	DFFB	0,039046659	3,395079588	0,071829483	1,753051509	0,092795231	11,18931796	5,219825181	24,33432865	21,61006073	67,70533496	7,522814995
ENSG00000100116	GCAT	16,80602354	0	0	1,612240813	0	7,648919173	14,61037611	21,98709909	5,03481548	67,69946612	7,5222162902
ENSG00000113790	EHADH	0,03248991	7,667788865	0	2,86125214	13,89833533	26,82536093	4,505169951	7,530867374	6,754565691	67,67673019	7,519636688
ENSG00000063587	ZNZF25	0,018548002	5,990161288	0	20,741613474	44,0797278	7,351628598	2,00210423	0,040559048	1,847743747	67,67208618	7,519120687
ENSG00000188895	MSL1	4,739441989	13,44878762	0,601281815	20,33773368	0,04854908	10,65398458	6,259098622	0,84875717	12,75095344	67,65329112	7,517032347
ENSG00000137522	RNF121	2,32477801	9,075575388	0,171064766	13,9700571	0	17,4078482	21,31065331	0	3,373829174	67,63380586	7,514867318
ENSG00000169612	RAMAC	9,655627518	19,36105176	1,953853731	6,669264527	2,753616938	5,406670551	7,776755402	1,68912239	12,35018423	67,61614705	7,512905228
ENSG00000166233	ARIH1	4,324062831	2,496470234	3,973227221	19,00155904	7,770049107	6,613796921	6,301486645	9,937012958	8,042139044	67,56376749	7,507085277
ENSG00000203666	EFCAB2	0,035113412	2,398853725	0	1,061080993	44,31077379	1,484270292	4,898109859	6,219402804	7,125520199	67,53312507	7,503680563
ENSG00000151229	SLC2A13	7,523114313	3,772126311	23,99010133	1,770286169	0,035829347	2,449841899	9,463790381	13,945308	4,561333381	67,51173113	7,501303459
ENSG00000127920	GNNG1	7,815211183	0	0	58,76375205	0,352652251	0,543078811	0	0	0	67,4746943	7,497188459
ENSG00000125611	CHCHD5	8,924327398	12,198	6,507647968	4,720292172	0	9,621842437	7,309923572	8,702586375	9,443119381	67,42773931	7,491971034
ENSG00000166949	SMAD3	7,191113974	5,259376851	0	15,38201887	3,117740721	5,814872302	5,688526306	16,53943655	8,36608183	67,35916696	7,484351885
ENSG00000133315	MACROD1	16,14922129	0	0	8,216463895	0,171334705	13,06070857	12,51111612	3,941251998	13,30008509	67,35018166	7,483353518
ENSG00000205726	ITSN1	8,81038273	4,7221991	11,2480452	2,447615175	0,247690047	7,665160311	11,07125102	14,66200835	6,468908284	67,32976022	7,468108449
ENSG00000133302	SLF1	7,442135055	4,883833602	6,156633403	0	23,28534261	5,828089026	4,168328092	12,95160989	2,599630794	67,31360247	7,479289164
ENSG00000104983	CDCD61	0	9,221266618	7,303959324	14,92209283	0	12,37277485	4,945121277	2,936628691	15,85295801	67,28480161	7,476089066
ENSG00000204130	PDXP	3,632136166	0,972850794	19,91875539	5,44354142	0	8,276718112	10,92530782	4,195994059	13,06886262	67,27218883	7,474687426
ENSG00000102575	ACP5	22,57081494	4,96048921	0,285693832	2,860541003	0,246055185	17,33567151	11,90657142	2,943233558	4,138411767	67,24744842	7,471938714
ENSG00000106665	CLIP2	16,9465399	6,561506222	5,16818776	5,885751307	0,049093307	10,79604944	11,97242539	2,484470432	7,494835826	67,20701918	7,467446576
ENSG00000183340	JRKL	5,70730387	4,990322937	6,266392795	0	0	2,174450547	13,87902493	24,33869232	9,79165162	67,14431814	7,460479571
ENSG00000143303	RRNAD1	0,667575888	6,598987762	2,894712296	1,235097702	0	16,80571004	7,047560459	20,74991446	11,14258101	67,14304363	7,460338847
ENSG00000137601	NEK1	0,045656685	0,322751565	6,323813037	1,65522479	0,043225511	9,445799564	10,91899976	27,08545263	1,207957656	67,05481332	7,450534813
ENSG00000182327	GLTPD2	4,545825779	6,609909616	9,821811221	9,005251137	0	7,770667931	13,91823732	0	15,78290208	67,04789329	7,449765921
ENSG00000197150	ABCN1	0,194229525	5,945307843	0,029775075	7,54631996	19,30987642	9,169864779	8,81625297	11,11358764	4,877077759	67,00229198	7,444699109
ENSG00000121417	ZNF218	0	16,16375494	0,060933823	6,920898959	0,157438642	15,20180207	20,90255421	0,217295858	7,373568727	66,99824523	7,444244947
ENSG00000164620	RELL2	0	5,813376696	3,766686008	0,202040244	43,37772869	5,973551542	5,877626857	0	1,942646574	66,95363861	7,439293179
ENSG00000122376	SHL2D	9,796182681	14,60179208	1,834852138	7,196933529	0	9,504071226	11,18052463	0	12,83664908	66,90699967	7,438999697
ENSG00000162408	NOL9	0,041565279	5,494864257	2,523268675	6,710884369	0	6,776982709	3,192409768	25,35861486	16,84401845	66,94260837	7,438067597
ENSG00000102111	PRICKLE3	24,26200902	7,554328777	0	7,422657121	0,392907596	4,810317596	8,03065352	6,236319792	8,08249372	66,94119475	7,421298308
ENSG00000143156	NME7	10,22731564	4,923908711	22,41147703	0,410705626	1,444509177	8,385476857	11,58592782	0,346730921	7,052937274	66,78898906	7,420989784
ENSG00000102967	HD00H	0,021835623	2,944486636	0	4,54230162	35,3678442	8,438162549	3,571399423	3,62852581	8,270586456	66,796890909	7,420767677
ENSG00000214655	ZSWIM8	2,185051632	3,573878035	11,28977392	8,792980409	0,090309957	10,57672103	12,06900591	11,79975068	4,02860891	66,78033177	7,420036863
ENSG00000009210	GZE3	15,12889392	0,028773688	0,477270263	0,15881663	0	9,257806619	3,51408483	17,587424	6,182253665	66,741827256	7,418277256
ENSG00000197044	ZNF441	0,031826152	0	0	38,469773	9,908255697	0,349432554	3,14468608	14,82362318	0	66,72759667	7,414177408
ENSG00000156795	WODYHV1	5,517221647	0	24,58404121	11,75001306	0	2,187461965	7,66654997	15,549862	3,317341574	66,67259645	7,408066272
ENSG00000104980	TIMM44	0,456428908	13,94222697	1,979146336	12,36526309	0,232438539	9,020380869	8,826479076	1,497114545	17,32161761	66,66109594	7,406788438
ENSG00000158161	EYA3	1,623074311	20,74510804	6,836994263	1,259181851	0,33541489	9,142643859	8,066507957	2,314687793	16,2586777	66,58229154	7,398032393
ENSG00000101412	EZF1	17,63892907	8,67225056	0,31001498	0,873016644	0	7,216184935	15,90534692	0	15,95931102	66,57505412	7,397228236
ENSG00000076067	RBM52	0,288184844	13,32588131	0,997909263	6,836986661	0	7,612455225	13,28741232	16,71819497	10,46611157	66,56012216	7,395569129
ENSG00000208709	PAGR1	4,758773779	6,713932372	2,511436103	7,476453841	4,449572027	8,2222723471	7,805459477	8,785431196	15,83101506	66,55479733	7,394977481
ENSG00000198551	ZNF627	0	20,68584309	0	9,791052576	0,18846368	6,486663849	8,790495577	0,260116427	20,335345	66,5379802	7,393108911
ENSG00000198142	SOWAHK	16,55782566	12,05393041	0	0,077613474	0	4,984130141	11,41625544	6,855785278	14,58013568	66,52567514	7,391741683
ENSG00000111276	CDKN1B	0	0	0	28,99277496	0	2,328569498	1,760987116	28,21254202	5,216744485	66,51161808	7,390179786
ENSG00000163507	CIP2A	0	5,498548867	42,63089214	0,9107678	0,078341523	4,705142882	7,089183243	0	5,594856037	66,5077325	7,389748055
ENSG00000185436	IFNLR1	0	5,482255467	0	0,21128338	0	13,46763993	12,24224697	0,33447943	34,76157263	66,49944992	7,388827769
ENSG00000114857	NKTR	0,017460347	9,976512107	17,61766529	7,884279376	0,10373723	7,025966418	4,972710599	8,380656025	10,47930012	66,45828751	7,384254168
ENSG00000103148	NPLR3	3,269603814	5,436681497	17,53937075	12,35779196	0,706389477	5,171369163	9,131673429	3,8498202	8,970349615	66,43304099	7,381449989
ENSG00000149679	CABLES2	15,92948948	0	0	17,23480678	0	6,881891821	9,11607432	0	17,18527947	66,	

ENSG000000083168	KAT6A	14,69608665	8,196528852	4,19105977	5,717375702	3,778149184	5,621291958	9,733915911	3,72274375	8,883191265	64,54034304	7,171149227
ENSG000000139675	HNRNP1A1L2	0	4,885963989	0,202609402	13,313000891	36,3828997	3,144077984	2,011914945	0,240841522	4,334612764	64,51593461	7,168437179
ENSG000000170175	CHRNB1	9,139189638	7,922939984	12,3204476	10,1193619	0,082898786	4,251171287	10,02140694	4,881766464	5,74871514	64,48789774	7,165321971
ENSG000000220008	LINGO3	5,461827855	7,777434184	23,6921905	0	0	6,66307537	8,566247566	5,013286611	7,297855404	64,477917949	7,163546388
ENSG000000197951	ZNFX1	4,310044735	3,129047651	28,0683309	0,211454599	0,291019078	6,69558081	2,704627902	0,053555035	10,80634612	64,47040949	7,163378833
ENSG000000061656	SPAG4	0	15,20269375	0	0	0	13,99870491	7,225746798	15,48912035	12,52804861	64,44431263	7,160479181
ENSG000000145247	OCA1D2	0,547722568	0	0	29,42480583	0	18,97648159	8,287206785	0,133078763	7,035671806	64,40496734	7,156107483
ENSG000000180090	OR3A1	0	0	52,85301521	0	0	0	11,55051793	0	0	64,40353314	7,155948126
ENSG000000100605	ITPK1	9,8811625	5,331247424	9,334236019	7,070991948	0	7,770186066	9,054560041	6,618424327	9,278640803	64,33944913	7,148827681
ENSG000000198879	SFMBT2	0,698391063	16,21837477	2,290200755	0,367034024	14,82942931	12,0853178	8,496634559	0,033199494	9,317533871	64,33611565	7,148457294
ENSG000000155850	SLC26A2	0,842819822	4,206271208	0	8,489634312	0	9,793466531	18,12219645	0	22,86909931	64,32348745	7,147054161
ENSG000000101134	SLC17A9	2,111354331	12,98020971	0	6,546070595	14,46728792	9,904202162	11,87844015	4,659121351	1,769642768	64,31632899	7,146258776
ENSG000000129933	MAU2	7,04981109	4,974624229	1,76960776	9,017396358	0	13,23240958	5,226028743	4,177010286	18,82803072	64,27491875	7,141657639
ENSG000000203791	EEF1AKMT2	6,881646542	0	14,57018907	3,407983858	9,750914537	5,360231727	5,110236928	5,167476481	14,02072921	64,26940835	7,141045372
ENSG0000000051180	RAD51	0,342987677	35,82182362	0	5,584211519	0	13,07272054	0,528895693	1,714316822	7,1711120671	64,23607654	7,137341837
ENSG000000198718	TOGARAM1	0,044046999	7,086535564	21,76952582	0,076059553	0	9,033571319	9,182305316	7,367409744	64,2316605	7,136851167	7,136851167
ENSG000000160917	CPSF4	26,99279915	0	5,687739561	13,13266335	0	5,150563529	9,767328291	2,409094916	1,13640865	64,18659745	7,131844161
ENSG000000225676	SLC26A6	34,93752115	9,466805275	0	0,040943822	0	7,757940037	5,276329668	6,584840746	0,058323089	64,18207379	7,131411532
ENSG000000181220	ZNFX46	14,54819132	3,733501608	0	11,55156617	0,08547365	11,25419835	14,27462066	2,398727671	6,32537253	64,17165196	7,130183651
ENSG000000196233	LCOR	6,318535776	8,336928442	14,48658779	11,24166436	0,055206386	6,765223746	2,93182021	7,313867748	64,15504013	7,128337792	7,128337792
ENSG000000178999	AURKB	15,10341407	0	0,744257293	38,19128589	0,480746375	4,886255271	0	4,718387399	0	64,12524629	7,125027366
ENSG000000134852	CLOCK	11,87082086	4,533745774	0	0,192824139	29,2994704	0,031138259	3,697131554	2,295520684	1,461212429	64,0817766	7,12019174
ENSG000000126262	FFAR2	9,070853241	0	44,88557206	1,821323694	5,848819908	2,316108563	0	0	0,086480466	64,02915793	7,114350881
ENSG0000000011132	ACO05954.1	5,832716809	1,389585061	11,02780235	4,849399099	0	13,01550092	6,771272385	11,63252498	9,083203349	64,01703345	7,113003717
ENSG000000143367	TUFT1	1,016983927	0	0	46,1581724	0	5,518943887	4,820804401	0	7,332263514	63,94708253	7,105231392
ENSG000000175595	ERCC4	3,947451078	2,123583216	18,5320066	9,68482057	15,1542509	3,353511657	2,981032711	3,163735221	9,86662004	63,92705396	7,103005995
ENSG000000141026	MED9	0,201985725	4,166617545	23,5017427	2,703085785	0	5,488770959	5,261997215	13,25050897	9,346667202	63,92137611	7,102375123
ENSG000000203797	DDO	0	20,39530845	0	0	0	24,54206851	0	18,9656798	0	63,90305676	7,10033964
ENSG000000180685	ZBTB7B	21,66749294	3,053441321	2,067246843	1,576646372	0,250372444	12,7237951	5,452696278	10,6740425	6,392118358	63,85785215	7,095316906
ENSG000000078579	FGF20	4,010626551	9,472407612	30,36630429	12,76312376	0	6,221646626	1,363807957	0	3,232113431	63,83003022	7,092225581
ENSG000000187116	LILRA5	0	0,152353409	8,213048379	3,706462707	0,210653799	2,922288567	0,926769498	20,46441356	6,335676896	63,7373551	7,081950111
ENSG000000113638	TC3C3	5,183335397	11,02066935	0	0,4004873426	0,036991918	9,04897189	6,255422403	21,10315532	6,068536007	63,72195571	7,080217301
ENSG000000100162	CENPM	0,086348898	14,096608	0	2,982113995	0	18,3923725	8,603679909	11,89564443	7,646256916	63,70230466	7,078113851
ENSG000000115020	PKPFYVE	3,01133714	4,428214597	4,257283553	4,625858033	2,91561433	17,66406546	11,58739758	12,651568	2,64049861	63,6818373	7,0757597
ENSG000000156876	SASS6	0	3,847959216	0,349924596	32,78110582	0	5,597184612	7,296990607	9,81653549	3,930288991	63,61998933	7,068887704
ENSG000000166321	NUDT13	25,41486789	9,253611268	0	10,97148247	0,142450433	5,725593087	3,782524884	7,733296106	9,08575493	63,61581507	7,068175675
ENSG000000120519	SLC10A7	17,62617693	7,418314643	0,083140451	3,550932061	0	14,0677878	2,02643874	9,784065256	9,032468931	63,58932481	7,065480534
ENSG000000112130	RNF8	0,046042221	5,514803475	6,775870786	7,274695361	0,054710168	9,958678736	13,24663926	15,30349033	5,407782717	63,58271275	7,064745861
ENSG000000135974	C2orf49	10,02334239	3,09282394	0	18,90997748	0,087153981	7,040818815	10,8131124	0,575294133	11,04158881	63,55511195	7,061679106
ENSG000000000476	VPS50	0,015808199	12,39865719	3,693218179	3,930812464	0	14,85714548	14,75349442	2,661728392	11,23750286	63,54836719	7,060929687
ENSG000000143324	XPR1	0,118810962	0,150590812	2,872533387	24,97907589	3,630302012	9,895374169	3,903771983	12,99023909	5,00902881	63,52650168	7,060277964
ENSG000000100027	YPEL1	15,62433587	12,60227302	0,059384768	0,222973702	0	4,430425569	5,628876249	8,753235377	16,19854238	63,52004063	7,057782893
ENSG000000102901	CENPT	4,031395083	17,33921767	9,527939788	2,858298308	0	6,800574875	5,78582273	5,89644723	11,26243059	63,50212628	7,055791809
ENSG000000121210	TMEM131L	3,900865118	0,083886125	0	5,55093995	0,112347112	19,20441526	16,19161957	1,395547211	17,03520445	63,4740444	7,0526716
ENSG000000080114	AP4E1	11,87878948	0,036462061	0	34,8437028	0	6,068798631	3,326994118	2,02196839	5,25649499	63,46085245	7,047872495
ENSG000000164087	POC1A	0,06724992	0	0	0,232251869	0	18,75446661	18,81775785	0,147055882	25,39158092	63,41036306	7,045595895
ENSG000000234284	ZNFX79	0	0	54,40764235	0	0	3,204556594	0	0	5,791251402	63,40345034	7,044827816
ENSG000000128534	LSM8	3,169052929	7,404926688	11,93247522	3,301393459	7,261606091	9,268907948	8,096964634	5,211660808	4,735011631	63,38199941	7,042444378
ENSG000000143379	SETDB1	15,78639697	5,93518878	1,175722962	0,220726046	0,056029852	13,60860618	3,608620856	3,400778715	19,520041217	63,34931523	7,037212803
ENSG000000182400	TRAPPCC26	5,600391765	3,549199207	5,703099317	0,095020072	0	5,965899846	7,224301048	16,10989677	10,08564846	63,33342943	7,037047715
ENSG000000167380	ZNFX6B	14,53877652	6,89530136	0	0,037696471	0	9,803315316	10,980650776	7,542424396	15,08905486	63,3120586	7,034673178
ENSG000000121236	TRIM6	13,53285888	6,493852676	0	3,291308963	0	4,520626793	11,52149365	10,25314122	13,69006018	63,30292966	7,03365884
ENSG000000140691	ARMC5	4,850799203	8,414194412	13,98673537	4,188135751	0	6,612486466	10,1824353	7,389339292	7,641660429	63,26579445	7,029532717
ENSG000000141556	TBCD	6,279067516	8,953252865	7,146123546	6,399528076	1,140729432	11,91291132	10,40874513	2,39215392	4,21915844	63,22367025	7,02485225
ENSG000000176894	PXMP2	5,529732354	5,472285716	14,28046955	21,85198738	0	4,436736041	7,240371023	0	13,59529089	63,17222115	7,014135683
ENSG000000172803	SNX32	0	24,31312819	13,27842966	11,99279362	3,693741967	3,292224455	2,452204583	4,088327948	63,11085043	63,10580347	7,012316714
ENSG000000140326	CDAN1	3,494848	8,85466887	23,42012948	11,15966393	0	1,674941578	3,155182725	11,88788092	4,58047644	63,05363615	7,011707016
ENSG000000150756	ATPSCKMT	0,230008699	19,75353547	0,169242069	10,08789704	0	3,181846676	11,84042707	0,100589089	10,7775083	63,07128893	7,007920992
ENSG000000188018	TBK2	1,298140486	8,716015791	10,15452416	4,160096337	0,972766348	7,20345434	4,350337937	19,05221441	7,134113075	63,04416693	7,004629922
ENSG000000184005	ST6GALNAC3	37,77764267	1,003859401	0,077088214	0,108542003	0,059588891	2,898604085	0,034794879	15,85279539	5,153813707	63,00679234	7,000747693
ENSG000000183018	AC118754.1	0	6,130089973	0	0,119679218	4,767047022	16,23215573	1,480475894	0	23,29934276	63,00590352	7,000655952
ENSG000000115841	RMND2	0,025055641	8,002911626	0,230459376	8,782921546	0,059545273	1,84314519	5,367492233	30,68203578	8,011954202	63,00552087	7,00061343
ENSG000000167257	RNF214	6,78917472	0	5,476274703	14,17890909	0	9,374116995	10,96121575	3,299097112	12,94642213	63,00591823	6,999575871
ENSG000000181007	ZFP82	8,173580028	21,36276526	0,037034386	0,347635191	0	3,359766541	6,218353784	18,0493169	5,422380546	62,97083264	6,996759182
ENSG000000197021	XKorf40B	8,191982563	10,28734946	0,46368657								

ENSG00000128394	APOBEC3F	0,02897614	5,193162418	0,15991185	27,46947288	0,48203697	3,149596758	8,108054053	0,063362333	16,60680333	61,26137673	6,806819637
ENSG000000168040	FADD	3,365308744	4,515155895	8,002686174	5,102476418	0	15,14012867	12,26760443	5,384593713	7,470202416	61,24815646	6,805350718
ENSG000000116803	EXOC8	0,118518095	0	22,72896103	1,483747895	6,337368394	5,627947014	13,1128798	11,80672024	61,21614247	6,801793607	
ENSG000000166825	ANPEP	0,031060755	0	53,08191407	2,777095851	0,221449666	0	0,025790407	0,067920774	61,20523152	6,800581821	
ENSG000000164180	TMEM161B	0,535294791	10,89553866	22,27200418	2,718639035	0,112247617	6,758807615	3,987127658	10,50036915	3,40789622	61,18792492	6,798658325
ENSG000000152454	ZNF256	0	0	0	0,601073603	0	16,76395949	16,2025576	0	25,59915848	61,16674918	6,796305064
ENSG000000152147	GENM6	6,372758424	9,280183822	18,98649312	6,068289767	0,082309774	8,784172179	4,256156116	0,378678166	8,902572348	61,11015372	6,790017008
ENSG000000142632	ARHGFE19	11,72822275	1,274170011	0,073384398	9,781617316	0	9,329185015	13,51422795	0,087231934	15,30731651	61,09535868	6,788372876
ENSG000000139437	TCHP	16,30605662	11,75749658	3,960617712	1,335353079	0	9,858613902	12,943372	0	4,823716891	61,09325258	6,781469531
ENSG000000115525	ST3GAL5	15,89978639	5,165434848	0,750375727	4,658490669	0,132190506	10,00552742	14,50991263	1,317683858	8,585425231	61,01474627	6,779416253
ENSG000000213551	DNAJC9	5,856513309	8,725035029	2,246858774	10,49147877	0,074428506	12,03496411	7,593230455	5,821127096	8,165691756	61,00935481	6,778817201
ENSG000000150045	KLRF1	51,92591113	0	0	0	0	3,291876522	0	0	5,752392356	60,97018001	6,774464445
ENSG000000130023	ERMARD	13,74054404	8,60919944	20,39085329	0,489214857	0	3,421638329	1,058573225	3,87197759	9,364190834	60,9461916	6,771799067
ENSG000000114346	ECT2	0,082438937	27,30669577	2,274796227	5,646710671	0,065305972	4,223946306	11,75072213	9,554300097	0	60,90491611	6,767212901
ENSG000000153179	RASSF3	3,983245934	11,27389225	3,630078637	30,90731029	0	1,721307563	3,106433591	4,441115385	1,840498452	60,90388211	6,767098012
ENSG000000110072	SPRNT	0,025585942	9,4435381	0	1,502165448	0	17,50123422	3,44161764	6,490079552	22,40479578	60,80901668	6,756557408
ENSG000000135775	FHOD1	0,664539795	3,383818739	8,238415935	4,440384845	8,995104789	6,979029995	7,74893255	8,971646001	11,37110653	60,79297918	6,754775464
ENSG000000122083	MTERF4	2,904218052	13,59866855	16,25140245	6,222739885	0,505901146	1,502510757	5,529885834	7,148664924	7,124927063	60,78891864	6,754324293
ENSG000000162946	DISC1	10,022528042	9,287112509	1,098480168	10,02818436	0,056561254	6,565620596	8,059422379	6,912857061	7,840805751	60,76123986	6,751248874
ENSG000000256525	POLG2	19,29920676	0,157452731	6,202726812	10,11025825	0	6,478598562	13,33536705	5,238833425	6,875120906	60,72633208	6,747592453
ENSG000000147874	HAUS6	11,66756058	7,190749322	0,108037349	9,668014346	0,093047686	6,297680914	4,941440721	12,885193017	7,848939793	60,70066372	6,744518191
ENSG000000059728	MXD1	1,332418825	4,644248151	4,420719571	7,107817762	0	9,95306719	24,41841133	4,422443432	4,389348088	60,68851035	6,743167817
ENSG000000200604	ZNF468	0,079861131	3,802595086	29,57808153	0,183870325	0	10,7119222	7,780420482	0	8,545044008	60,68179476	6,74242164
ENSG000000101574	TTG28	0,011950223	0,021205378	0,087933602	0,392073113	42,7703455	2,269871868	3,512573945	6,428383045	5,158729088	60,63506576	6,739229529
ENSG000000244005	NFS1	0,125444605	6,989588911	0	18,4123135	0,178873091	9,503428352	14,36438439	5,157039573	5,800954041	60,60412556	6,733791729
ENSG000000152942	RAD17	9,737348627	6,83410724	1,938307976	11,10495083	0	10,53147205	5,279468165	5,164281531	10,0952657	60,59946258	6,733273665
ENSG000000153790	C7orf31	10,61943105	22,96166529	0	0	0,18694302	5,3979235	5,976332836	8,17055802	7,255850687	60,5687044	6,729856044
ENSG000000145425	RPS3A	3,446381436	5,99791316	7,437186859	17,73900047	1,417569246	3,85669323	2,256264742	6,231880001	12,14523325	60,52812239	6,725346933
ENSG000000253710	ALG11	2,864472735	10,09749286	0,118148631	4,613607167	20,84981991	5,204097484	4,660875135	3,595343815	8,49927142	60,50312916	6,722569907
ENSG000000154274	C4orf19	0,0119974049	19,83759373	0,16749429	0	0	20,71098474	10,66387169	0,073922722	8,938926686	60,4869269	6,71832141
ENSG000000119514	GALNT12	17,99389929	0	1,141421758	3,296714777	0	6,812499991	6,142735774	13,568065	11,50534737	60,46068035	6,717853372
ENSG000000109881	CDC334	0,877133271	8,906361177	0	8,751124592	13,54942033	6,259767002	8,27248653	5,990168035	9,648916506	60,45563957	6,717293285
ENSG000000159714	ZDHHC1	10,28741705	0	0,157050903	2,800996902	30,12935313	4,827341639	4,111457207	2,52026365	5,617394882	60,45132937	6,716814374
ENSG000000101417	PXMP4	0,660563782	8,845380663	0	7,900727808	16,82872903	3,075104237	9,762947673	9,013427615	9,23836258	60,40081707	6,711201897
ENSG000000168734	PKIG	14,15512645	3,370803732	3,381753029	4,37149142	0	7,266156644	8,293456657	6,431816399	17,12890914	60,39944219	6,711049132
ENSG000000221837	PP3PR1	4,44919908	1,275348395	12,56033741	14,03960476	12,81037606	5,671734935	4,736840715	4,714880964	4,088181524	60,34650375	6,705167083
ENSG000000139289	PHLDA1	11,01165145	13,59153278	1,378015115	18,98238073	0,08901166	4,89363208	4,882598122	0,081902235	5,389526114	60,30020529	6,70002781
ENSG000000138160	KIF11	0	0,16037201	2,105909841	42,91693661	0	11,47748613	3,6020191	0	0	60,26270369	6,695855966
ENSG000000156804	FBXO32	6,089377966	4,387448548	33,4553466	6,351358408	0	1,705089557	0,967114121	3,842781989	3,392735701	60,19126189	6,687917987
ENSG000000182208	MOB2	6,150815308	6,017708253	4,892393036	4,822560587	0	13,9810233	11,70504307	3,271629381	9,322993857	60,16471279	6,684968088
ENSG000000186918	ZNF395	0,078052981	7,479167358	2,680248888	13,028778	15,45788319	3,97065602	1,641829413	10,63899176	5,183735642	60,15934325	6,684371473
ENSG000000174953	DHX36	1,618223511	2,236210766	5,584892057	9,471009787	0,068066251	10,58167344	9,060689252	7,045847014	14,47743	60,14404207	6,682671341
ENSG000000160193	WDR4	0	7,44294814	3,858014522	16,737302978	0	6,786699997	19,4300295	0	5,837399896	60,12812183	6,680902426
ENSG000000173889	PHC3	3,885164504	3,185563096	11,00813679	10,30229701	2,058892465	7,472300931	4,850026428	4,980247929	12,34656251	60,08919165	6,67657685
ENSG000000103007	CBX7	6,981806198	8,654375522	4,169615346	11,32220862	4,328455713	6,021396315	6,03238907	5,664339714	6,894266328	60,078675283	6,67430587
ENSG000000076554	TPD52	10,129129401	0	5,629461563	13,36985362	0,043810851	9,695152646	8,020794677	1,854335745	11,2228898	60,04921292	6,672134769
ENSG000000249115	HAUS5	0,029687735	7,902023578	2,839875274	5,690330487	0	13,46189945	8,652276332	10,3202284	11,1361865	60,03430219	6,670478021
ENSG000000197580	BCO2	23,3265397	4,423612315	0,245673972	3,306263688	0	4,814314864	5,470499083	9,734410591	9,048148114	59,98356503	6,664840559
ENSG000000171674	BTFP	0,899527175	2,376547921	10,07560647	6,799945763	14,60792966	4,224854291	8,132874222	4,764517291	5,98300262	59,97010298	6,663344775
ENSG000000139971	ARMH4	0,01997496	8,967604233	16,68248049	7,208910733	0,427238319	11,95257955	6,750353619	0,087358775	7,861320175	59,95782086	6,661980095
ENSG000000278588	HIST1H2BI	0	1,459213118	42,46185938	16,02361738	0	0	0	0	0	59,94468988	6,660521097
ENSG000000122515	ZMIZ2	0,082192315	6,490246943	9,941360624	4,399773844	9,47359304	5,707829196	12,83025424	3,729406363	7,278188525	59,93284709	6,659205232
ENSG000000105136	ZNF419	0	0	6,283016723	9,724701974	37,40060319	2,278991438	1,410131104	0,041268305	5,917670313	59,9184128	6,657601422
ENSG000000162433	AK4	4,047960655	5,752233837	0,917062876	4,763919174	25,73249215	1,379304082	0,728516048	5,581370367	9,466449334	59,90170912	6,655745458
ENSG000000166925	TSC22D4	12,44149191	6,725480918	3,865044997	5,476333275	8,086444732	7,422863153	7,333173118	12,31207877	59,88670061	6,654077845	6,654077845
ENSG000000075651	PLD1	13,74800682	0,041701711	16,28489894	0,608713005	0,055850318	3,896189282	6,322299777	0,025694756	8,87323209	59,8565867	6,650731855
ENSG000000144535	DIS3L2	0,1999346	0,473038723	0,245197229	0,391275873	30,09276398	3,453726392	11,65389959	7,342373178	5,88664988	59,81087455	6,645652728
ENSG000000116745	RPE65	0	0,102933589	0	0,701168838	58,72709138	0	0	0,126846283	0,071342235	59,72938232	6,636598036
ENSG000000169105	CHST14	27,86286124	12,97945328	0,155556854	0,511064584	0,01922263	7,473876713	2,387236311	1,294371557	6,655947076	59,72228078	6,635808975
ENSG000000152465	NMT2	9,809341527	1,657755797	33,81303522	0,080659961	0,05550503	0,23078751	2,016833776	1,68536951	10,36948911	59,71877744	6,635419716
ENSG000000067836	RGOD1	4,964534089	9,618505568	0,226429622	0,10040132	0,097506799	9,369915817	11,24225076	8,07469755	11,80778882	59,71362916	6,634847684
ENSG000000170260	NTF212	0	0	0,087360182	14,02258977	0	21,0125589	14,39241709	9,034508917	1,109705821	59,65914068	6,628793409
ENSG000000117266	CDK18	0	3,611340069	42,48444201	0,1145596948	0	4,177517083	7,255274651	0,048372796	1,958856625	59,65039918	6,627822314
ENSG												

ENSG00000119689	DLST	5,183212186	6,249571682	11,796429	2,180195478	0,236884922	8,828135348	8,772991551	4,57725984	10,25670121	58,08138122	6,453486802
ENSG00000122435	TRMT13	0	4,086343978	0	15,21173896	0	12,08008795	10,80489555	9,911438406	5,979097112	58,07360196	6,45262244
ENSG00000196935	SRGAP1	6,879891958	17,73010696	5,371898067	0,027382199	5,939833588	3,77415524	5,939833588	6,563340056	5,979097112	58,07360196	6,45262244
ENSG00000197619	ZNF615	27,45782113	0	0	0,15982134	0	11,65235573	8,863359508	0	9,903214029	58,03657174	6,448507971
ENSG00000054598	FOXC1	1,896944146	0	0	17,88482251	0	0	0,157507321	38,07920324	0	58,01847722	6,446494768
ENSG00000166966	ASPSR1	2,823095724	5,962651734	5,859711105	6,571497462	13,03237175	4,572292313	8,090175991	2,977380165	7,202909275	57,99006101	6,443340412
ENSG00000151240	DIP2C	0,705876775	0,68890856	0,194777601	0,822754212	39,88330991	6,9363525	4,556962893	0,23153187	9,950025349	57,97049967	6,44116663
ENSG00000150990	DHX37	3,55715241	0,040462049	0,167786388	0,141782868	19,9419429	5,332571727	8,008744596	10,42121924	9,058160056	57,94543242	6,43838138
ENSG00000106772	PRUNE2	0,00583065	0,018262072	15,18354282	0,053313691	28,29796339	4,135617454	3,477928565	0,562814192	6,160480477	57,91391546	6,434879495
ENSG00000163535	SGO2	0,047699044	0,084640783	0,087746243	17,46155764	0	10,65745024	5,742802443	0,260759602	23,5534655	57,89612149	6,432902388
ENSG00000204642	HLA-F	7,319144674	6,711317731	5,089322786	5,32150122	3,661917002	6,613353231	9,043168772	8,95963949	5,168385324	57,88775023	6,431972248
ENSG00000143178	TBX19	27,56478914	0	0	0	0,188513146	1,611205076	7,343801584	8,759551527	12,38976815	57,85762862	6,428625402
ENSG00000172830	SSH3	0	2,747508724	11,08533211	3,251751276	0	13,23241376	8,304461188	7,961176232	17,21122359	57,85386688	6,428207431
ENSG00000124107	SLPI	0	0	56,90196657	0	0	0	0	0	0,935469072	57,83743564	6,426381738
ENSG00000247626	MARS2	0	0	1,123602077	0	0	0,054955474	10,68097891	18,93513752	26,96282768	57,75750166	6,417500184
ENSG00000157350	ST3GAL2	4,620928687	1,981141509	15,46077103	8,032887879	0,036851467	7,542163723	10,82817334	3,967249297	5,282656129	57,75282333	6,416980371
ENSG00000156026	MCU	0	7,985698216	0,981178377	10,07359818	12,43800003	2,964649617	10,71189466	0	12,58656129	57,74158037	6,415731153
ENSG00000151914	DST	1,148721837	0,397595848	16,91694356	13,20396474	12,25483082	5,672067624	4,244970821	0,558970824	3,341767552	57,73983362	6,414553709
ENSG00000114993	RTKN	0	14,41456995	11,19418896	4,072395557	0	5,626254624	6,527358312	11,141182068	4,762540937	57,73912901	6,415488779
ENSG00000151746	BICD1	1,585322275	2,667250234	0,151217026	30,67284048	0,558155956	6,859218745	9,09728161	5,23847154	0,707684146	57,72744202	6,414160224
ENSG00000163249	CNNYL1	2,215132648	1,538099427	9,744362934	10,69905462	0,076294358	8,212696913	8,023490532	3,720635666	13,46370569	57,69347309	6,410385989
ENSG00000102897	LYRM1	0	12,08989814	0,07736713	9,513632528	4,19786718	7,665225642	5,098432639	10,02431613	9,000820699	57,66682146	6,407424607
ENSG00000103313	MEFV	0,33369352	0,166927993	41,24419398	0,649765448	0	0,103285273	0	0,137138231	0	57,63500444	6,403889382
ENSG00000138443	AB2	15,12961964	1,690550438	4,530469961	23,40088488	8,733043683	5,294110013	3,761526937	1,955737276	8,249749123	57,62903428	6,403226031
ENSG00000167536	DHRS13	2,866596191	1,362510163	21,18750754	3,35891905	0	4,159004972	4,420364	4,813240652	15,42425405	57,59239662	6,39915518
ENSG00000188167	TMPEP	0	0,124398979	0,064481582	14,58717905	0	7,119799743	11,14709746	9,351198617	15,17466385	57,56881928	6,396535475
ENSG00000110619	CARS	3,297122146	3,152411678	15,592587	7,825189534	6,869639148	4,479602101	6,38789874	5,925896399	4,018002923	57,54834967	6,394261074
ENSG00000148773	MKI67	0,011764155	0,041750409	0,930567867	53,83243929	0,251619921	2,079533114	0,361417072	0,025724762	0	57,53481659	6,392757399
ENSG00000162885	B3GALNT2	0,017976513	2,16912396	14,35205365	14,58951202	0	9,098831294	4,851041863	6,800521078	5,637742467	57,51680285	6,390755872
ENSG00000080007	DDX43	0	15,94677093	0	0,165603932	0	2,862627425	9,857067198	0,121304097	17,04547268	57,49828247	6,388698052
ENSG00000119681	LTBP2	0	14,14849284	25,8443714	0,057487326	0	7,273893978	4,312265211	5,569121924	0,286610631	57,49224331	6,388027035
ENSG00000164291	ARSK	5,464359996	8,639716739	0,064436741	24,19424899	5,410904092	1,076841944	10,03413643	24,43408137	1,981673626	57,43809343	6,372010381
ENSG00000196187	TMEM63A	0	0,336796715	1,960632582	9,277687966	0,381670818	9,04092418	12,87434711	8,141141519	15,31662642	57,32982732	6,369980815
ENSG00000160219	GAB3	14,10212458	4,836726594	0,421821091	1,088878877	0	8,087825913	7,187412977	10,96852225	15,08769187	57,32030383	6,3667009
ENSG00000127511	SIN3B	5,956962225	5,865701722	12,16182728	12,42689067	0,040915751	2,816529102	2,501687148	7,153078253	8,257963277	57,18155542	6,35306158
ENSG00000009240	WRD76	0,298195502	1,587421806	12,75389699	15,38319165	0	9,371860401	8,263586247	0	4,93746072	57,10175979	6,344639977
ENSG00000213185	FAM24B	21,6972697	10,024	0	18,84407208	0	0,70480279	0	0,280743048	5,526447136	57,07733476	6,341926085
ENSG00000170191	NANP	40,09218138	0	0,073094951	11,73281111	1,983031393	0,82889499	0,626856773	0,173775399	1,514829073	57,02557022	6,336174469
ENSG00000198324	PHETA1	2,472800175	0	24,15060664	9,704514081	0,21369842	5,419343652	4,143768775	4,424146248	14,45220941	57,00309735	6,333677483
ENSG00000147164	SIN12	14,15023841	5,99315453	0,428485702	0,34539051	5,860072303	2,109845484	8,751495219	4,456728271	6,08745834	56,99286877	6,332540974
ENSG00000100111	MKS1	0	0	2,862963256	0,255944065	0,176124346	18,87751535	10,15331279	8,426972786	16,22937301	56,9768056	6,330756178
ENSG00000159445	THEM4	4,683043877	14,45655298	12,342200419	3,422961322	0	4,448517697	6,312400929	4,382294971	6,831607781	56,87994672	6,31999408
ENSG00000164116	GUCY1A1	0,05241435	0	0	24,43719845	0,062281919	3,884482805	8,160141252	0	24,32134859	56,83786738	6,315318598
ENSG00000198924	DLXCR1A	0,032979173	0,1755622	6,127453077	6,150366053	0	5,214125501	5,011145953	0	34,11107054	56,8227025	6,313633611
ENSG00000163661	PTX3	0	18,64469321	0	0,138500517	0	4,528653172	33,49947049	0	0	56,81131739	6,312368599
ENSG00000168675	LDLRAD4	5,004258412	2,511981265	3,615947346	18,8862178	0	7,464441484	7,000105043	5,146095956	7,174813528	56,80386084	6,311540093
ENSG00000148483	TMEM236	4,471768454	6,417904626	0	0	36,92106011	3,760439182	1,45604737	0,479324849	2,999155159	56,80151771	6,311297746
ENSG00000102786	INTS6	13,71955316	5,045598026	0,948068078	7,23199761	0,39418602	11,96085893	9,948181191	6,787710744	5,755566766	56,79172053	6,31019117
ENSG00000182768	NGRN	5,558135105	3,798736419	10,94722771	3,018353618	0	9,035161378	9,311614189	8,890308405	6,2077664	56,70730342	6,307448158
ENSG00000177463	NR2C2	0,076699384	1,292961171	20,50576485	11,98610026	0,121518498	2,947400483	9,807510936	0,391344552	9,637417998	56,76671814	6,307413126
ENSG00000172456	FGG2	3,964642682	0,022833916	6,130064296	24,15946009	3,938570451	3,5041821	9,852780352	5,190390798	56,76274849	56,76274849	6,306991632
ENSG00000168268	NDSDC2	0	12,46002626	16,91397977	3,786139035	0,149663489	5,358645424	8,078835713	0,0688548	10,99821053	56,7468551	6,305260122
ENSG00000131067	GGT7	0,816262367	11,22539096	7,132507604	3,788049935	0	11,48266989	3,55824034	3,235179763	15,49766745	56,73956831	6,303996479
ENSG00000232629	HLA-DQB2	4,251383281	0,794102666	5,899873769	7,598797385	5,672142821	9,089868714	10,71390298	1,794067247	10,91596059	56,73009495	6,303344383
ENSG00000140403	DNAJA4	11,26920559	7,88685761	0,950150112	0,108972096	7,72789365	15,49580492	6,918502758	6,372525267	56,72993	56,72993	6,303235556
ENSG00000100298	APOBEC3H	0,120791823	0,214342126	0	30,30568053	0,574128765	5,437516902	3,410064978	0	16,93565431	56,72817943	6,303313048
ENSG00000164324	GSPM3	7,501943224	5,558863068	5,914470191	3,985913415	6,46529127	8,236659527	8,761703489	2,343507571	7,90383625	56,67671508	6,297416686
ENSG00000140859	KIFC3	11,71108923	6,452166877	3,677445059	0,027180727	0,112224232	11,64830507	13,68410808	6,471010281	8,26241586	56,60992542	6,289991713
ENSG00000130821	SLC6A8	18,32209092	8,755077659	5,396719182	0,231639382	0	5,504975012	1,749409853	10,26411646	6,36325989	56,58591099	6,287323443
ENSG00000197912	SPG7	5,30028468	4,765909799	4,215094813	14,05837177	5,395539614	5,436971798	4,439269134	3,753269777	9,1612302	56,52594159	6,280660176
ENSG00000162066	AMDH2	3,253411279	5,588850666	0	8,480983267	0	12,46419358	8,161606571	11,50390615	10,68425953	56,49721104	6,277467893
ENSG00000119457	SLC46A2	28,44434271	13,16234564	0,112770831	0,10585973	0	5,586441325	4,377463916	4,423667638	0,22618238	56,43907042	6,271007824
ENSG00000129680	MAD7C3	1,668032443	5,452415398	9,932186543	1,553861141	0	7,66297127	9,512783341	0,67190731	19,47879861	56,42884827	6,269883141
ENSG00000076382	SPAG5	0	17,52326894	0,639279645	21,95294248	0	5,850430455	0,3847308	7,59910849	2,957533545	56,40729525	6,26747725
ENSG00000127580												

ENSG00000110628	SLC22A18	6,509465892	3,934363432	6,327237016	8,295336852	0	6,085884586	4,980105352	7,210385597	11,39690863	54,73968735	6,082187484
ENSG00000135245	HILPDA	16,13306093	5,440562321	1,745768738	4,285888472	0,173486735	5,530352557	8,425302487	0,908922874	3,860579931	54,69392504	6,077102782
ENSG00000109794	FAM149A	0	2,518006517	0,053273304	0,100013405	0	17,96463699	14,66786173	0	19,37533693	54,67912889	6,075458765
ENSG00000140022	STON2	0,483584776	0	0,960760711	2,939359673	4,459088788	3,950251826	1,622184272	37,73011191	2,47414725	54,6194892	6,068832134
ENSG00000278845	MRPL45	4,87739518	17,93907747	0	0	0	10,51545909	10,38222818	3,102671995	7,743605095	54,560437	6,062277078
ENSG00000140854	KATNB1	0,090967245	9,316996944	0,060747399	15,68118838	0	17,17882303	8,719310659	5,632407401	7,838369089	54,52691055	6,058545616
ENSG00000174799	CEP135	8,167666262	6,486305326	12,35467107	10,99309384	0,124693591	4,570221905	7,246492554	0,879629057	3,699722434	54,52249603	6,058055115
ENSG00000147889	CDKN2A	8,656831029	2,911220606	5,522358169	2,148566493	0,442204179	1,912922595	3,969183994	4,593573085	54,49395858	6,054884827	
ENSG00000111850	SMIM8	5,11894293	2,022556801	5,750216905	11,00400064	0,965471423	3,678474501	4,252048774	4,191798514	54,47266311	6,052518123	
ENSG00000071855	MBD3	11,73117845	3,492050324	8,04873469	8,281031562	2,134090845	5,642931487	6,742305108	1,504064285	8,661447023	54,43783378	6,048648198
ENSG00000196792	STRN3	3,53047859	3,99647694	1,175746642	12,5606161	0	3,675763029	4,624586255	23,89244909	0,973214417	54,42933106	6,047703451
ENSG00000168056	LTBP3	9,171111543	5,155575453	1,727590438	2,407148212	9,241226328	6,959930971	5,823928792	6,096578736	7,83233547	54,41542694	6,046158549
ENSG00000120217	CD274	0	0,130546251	0,067667899	2,858343198	0	12,88351362	11,48413944	26,94634375	0	54,37055425	6,041172695
ENSG00000141012	GALNS	9,478132676	3,542461558	17,2041956	1,30436431	0,213709559	7,242693528	1,612451472	7,387852706	54,34425295	6,038250328	
ENSG00000162722	TRIM58	0,146141751	0	0	6,712640546	35,14767436	0	3,567531684	6,135728913	2,624138516	54,33385577	6,037095085
ENSG00000101003	GINS1	0	11,10224746	0,60576777	16,11099722	0,0869534	8,034410494	0	14,16148147	4,229920846	54,33177866	6,036864295
ENSG00000174151	CYB561D1	10,14485729	0	0	0,963028905	0,063113804	18,22392099	10,14347418	0,871092884	13,9139927	54,32347806	6,035942007
ENSG00000188033	ZNF490	0,022248317	1,144893699	0,122782729	14,29149154	0	4,983179866	4,174955099	14,254611253	54,29667225	54,32204004	6,032204004
ENSG00000131334	BEX2	0	7,06836905	34,03837947	0,221883482	0	9,311307876	0	0	3,634753412	54,27469329	6,030521476
ENSG00000102607	ZNF432	0,025243998	37,22452424	0,046438373	0,479498619	0	3,714002218	6,875086685	0,055201231	5,805763392	54,22575975	6,025084417
ENSG00000162714	ZNF496	19,53449698	1,756888995	0,052792726	3,196335744	0	3,812587557	4,777666236	2,039525865	10,4917242	54,2210212	6,024557911
ENSG00000156239	NGAMT1	0,01060755	2,976293526	12,51338986	8,04527157	18,52795542	7,161067627	0	3,871484142	1,096620272	54,19668318	6,021853686
ENSG00000170903	MSANTD4	5,117879547	0	0	15,32507682	0	5,976418581	9,997342428	1,293792355	16,48169041	54,19220034	6,02135557
ENSG00000047644	WWC3	0	7,312278327	0,117225232	1,063693318	0	9,818435872	24,1981017	0,975418319	10,68473821	54,16989098	6,018876775
ENSG00000197782	ZNF780A	1,345816673	0,538167587	0,662521561	1,832960183	13,55925492	3,309054402	11,48938063	0,373044544	21,05110507	54,16130557	6,017922841
ENSG00000141499	WRAP53	0	3,742496954	20,92910908	5,437213939	0,070595153	6,97952888	14,33030527	0,844436677	1,826680974	54,16036693	6,017818548
ENSG00000196437	ZNF569	17,98504998	5,024989635	1,27462964	3,693457575	0	7,045524571	9,980594591	3,425557717	5,668763538	54,09828846	6,010920399
ENSG00000128059	PPAT	0,027782786	2,514293437	0	8,635465238	4,357741827	4,36205414	7,86640618	11,9683048	14,28274341	54,01479272	6,001643635
ENSG00000175970	UNC119B	27,93149759	0,155534803	0,053747119	4,112641007	0	10,00852667	7,374899638	0,063891828	6,971041245	53,97177772	5,996864134
ENSG00000154146	NRCN	6,10421926	1,326341303	7,791692799	13,55226991	20,1318985	0,820662374	0,310314094	2,996521222	0,919273812	53,994799253	5,994799253
ENSG00000102763	VVA8	19,35640316	7,691302949	0,800990462	1,644045636	0,047035696	8,626915383	6,179023554	1,601320105	8,008317755	53,95176467	5,994640519
ENSG00000004431	JADE2	3,870707136	10,5334713	3,715032203	9,748404596	0,109076099	5,795195805	8,574716422	0,802918864	10,80043728	53,94960332	5,994440037
ENSG00000145423	SFRP2	0,075706699	53,87021144	0	0	0	0	0	0	0	53,9451814	5,993990904
ENSG00000185917	SETD4	11,697016227	6,527526807	0,038016972	3,318784551	0,147340348	13,90907871	3,757932537	4,609453759	9,937908945	53,93673211	5,993673211
ENSG00000119969	HELLS	0,580621897	9,061350348	0,191710413	23,41987802	12,84331703	2,729760228	3,362357665	0,097665389	1,647900197	53,93456119	5,992729021
ENSG00000111932	RIPOR2	0,079231633	3,121199875	24,51565261	7,798497039	0,414250521	1,270778869	0,684192247	9,529100888	6,09530625	53,9215093	5,991278811
ENSG00000135426	TESPA1	13,6011497	0	0	6,983786899	0,14239395	2,499842155	10,29831829	11,59534466	8,76912615	53,88996189	5,987773543
ENSG00000183955	KMT5A	2,940280015	2,579415829	8,933772311	5,923933397	2,355383968	11,28075849	6,748076448	5,996079822	7,11043756	53,87713784	5,986348649
ENSG00000167632	TRAPPC9	0,078109465	6,486635792	8,046565462	5,368114434	0	10,61704197	8,029167322	3,347729517	11,87358118	53,869297225	5,982997225
ENSG000001022440	ATXN1L	5,316253924	7,054718197	8,938789432	2,99013418	0	4,384446952	6,968943838	16,38263057	3,542210375	53,77812747	5,975347496
ENSG00000125470	TBC1D10C	0,030264484	4,296286803	6,736549565	3,37172095	0	9,569847004	8,041359151	3,838414764	17,2707363	53,75523016	5,972803351
ENSG000001267508	ZNF285	1,132051183	0	0,004084649	0,152015715	47,43950057	0,894070978	1,699496195	0	3,38345693	53,74107804	5,971230894
ENSG00000029993	HMGCB3	3,513301464	1,918236076	1,562483499	26,93350274	2,11029726	8,096300498	6,090792816	0	3,710750327	53,73862013	5,970957793
ENSG00000154174	FRMD4A	0,02057886	2,592684462	8,328424592	7,355786428	0,293436641	10,89049407	9,508952711	4,589993992	10,13639278	53,71674454	5,968527171
ENSG00000124444	ZNF576	2,995297149	10,09095145	0,159712783	10,26948909	0,206330102	7,768866418	5,803138021	7,87879032	8,542213032	53,714778837	5,968309819
ENSG00000197429	IPP	21,57567136	0,217119028	4,276616907	0	19,96712921	0,089506365	7,585790653	0	3,731178752	53,69776391	
ENSG00000181873	IBA57	8,670706495	0,65528348	30,08054444	4,973833827	2,667930911	2,432706403	4,022900185	0,161502721	0,018166815	53,68363173	5,96484797
ENSG00000169297	PUS10	22,527474608	4,661205857	0	6,18623709	0,046937334	3,664734997	3,247042966	0	12,7520561	53,66577059	5,962866339
ENSG00000178289	PODXC1	5,427776707	4,787232308	0	2,689765413	17,47883469	5,730174009	6,333518353	4,810790197	6,359466543	53,61755759	5,957056398
ENSG00000171853	TRAPPC12	1,841007714	3,150150768	4,838117681	3,462859448	8,32068275	7,471660911	8,92609563	6,973165028	8,632270751	53,61601088	5,95733452
ENSG00000173825	TIGD3	0	45,78173228	7,719969663	0	0	0,081809949	0	0	0	53,58351189	5,9535723543
ENSG00000159231	CBR3	7,873496668	14,24000602	0,278537173	4,706242027	0	7,314694764	3,143044389	10,590590635	5,400349846	53,55146724	5,950163026
ENSG00000134490	TMEM241	0,029098897	0	29,65549294	6,052316767	0,207462474	7,603835404	4,131605387	9,035668763	2,218849293	53,53512992	5,948347769
ENSG00000156161	MAAA	1,75235181	0	28,63676994	9,371566865	1,374689984	6,070810339	3,206683783	0	3,096744573	53,50961729	5,945513032
ENSG00000071626	DZAP1	6,2676994133	5,333114446	7,432138284	12,98861193	3,395633756	6,257034031	5,809190461	4,453199258	5,15062093	53,49653723	5,944059692
ENSG000000011736	LARS2	7,808955826	6,003179106	0,022306219	11,95585544	0,086451021	6,057559974	6,051008629	0,132576861	15,31571003	53,43360311	5,937607012
ENSG00000177548	RABEP2	11,38872465	5,544065364	0	11,77630054	0	7,561509165	7,364199121	0	9,792268959	53,4270678	5,936340867
ENSG000000012963	UBR7	0	6,877395272	4,753150738	6,46946218	10,02950104	7,659593453	3,423645162	7,156747544	7,044054563	53,42254995	5,935838883
ENSG00000176532	PRR15	12,474909	3,552915376	12,4064175	0	0	5,428566927	3,014880166	0	16,43734578	53,315030476	5,923892751
ENSG00000104635	SLC39A14	0,087133095	0	0	21,81667656	0,051768422	6,314025119	16,33266683	0,190534564	8,519416763	53,31222135	5,92358015
ENSG00000198829	SUCNR1	0,036142208	0	0	0	0	19,04737546	8,312672079	20,78552769	5,067392958	53,24904668	5,916560742
ENSG00000125430	H53ST3B1	4,925377114	7,24168188	0,103550046	0,048600293	0,735759539	6,458429974	9,885258044	1,969436797	21,81489897	53,20999268	5,912221409
ENSG00000148433	MIGA2	12,34876926	2,212533165	0,022490982	2,028850167	0,056984694	5,765537337	11,80639589	10,434223899	4,803144782	53,190549	5,910061
ENSG00000163602	RYBP	0,481710759	5,988445741	1,05259513	4,66536545	22,29863603	5,035955135	2,608530811	3,480669041	5,303136109	53,16504421	5,907227134
ENSG00000104074	DTWD1	8,978362127										

ENSG00000102908	NFAT5	0.59887733	0.539521127	7.745680461	2.290996667	17.42927649	5.664893784	5.102659072	2.820610905	9.643033379	51.83554922	5.759505468
ENSG00000005426	LETMD1	0	4.000823795	5.423296421	0.138252702	21.80225915	12.26726081	10.1923844	0	1.602125192	51.82640247	5.758489163
ENSG000000066451	CENPN	0	0	16.2830271	7.020671962	0	8.323428596	6.364946775	11.48371255	2.34391634	51.81970332	5.757744813
ENSG000000012511	PHF1	8.656500989	7.978641271	5.411181015	8.344694683	0	3.460315143	7.990185214	1.929679065	8.01062596	51.78182334	5.753535926
ENSG000000122587	BBS9	3.317358775	13.02836837	0.044871687	0	7.420023474	4.60639535	7.392521579	13.1747115	2.789947792	51.77419859	5.752688732
ENSG000000265681	RPL17	11.94913272	6.197929442	7.552581765	1.693008757	0	9.688208859	5.749451547	5.627833949	3.315996324	51.77414878	5.752683198
ENSG000000169683	LRRC45	12.58206225	0	0.308609602	0	0.099671813	5.571795665	13.30271075	4.95239152	14.90692338	51.77412653	5.74712947
ENSG000000115568	ZNF142	0	0.191694309	12.67881778	3.768148761	0	6.570950779	8.090809227	16.53590201	3.826408237	51.6627311	5.740303456
ENSG000000102751	FLT5	14.23914967	7.682540392	0.101573717	0.028580783	0	2.759674535	0.039942804	21.93254511	3.915964537	51.61957155	5.73550795
ENSG000000075711	DLG1	0.027472152	0.341240615	2.653205199	4.269456906	0.032644082	9.742589996	11.10881769	11.47404825	11.96067065	51.61014553	5.734480615
ENSG000000162864	ZNF326	10.67180586	2.318300874	3.516493789	9.64139058	1.11211908	10.67517089	5.275509045	3.27788204	5.09090463	51.57875545	5.730972828
ENSG000000167535	RGP1	0	1.356536257	15.00061242	3.336858163	0.050466209	5.875416713	8.234210939	5.34007522	12.37932147	51.57349739	5.730388599
ENSG000000276600	RAB7B	10.12596808	7.201860556	0	4.59821866	0	10.48756494	12.62872848	6.454500505	0.201678266	51.56012069	5.728902299
ENSG000000167535	CACNB3	5.703880061	0.899679575	0	6.529758207	25.9560701	0.139167267	4.56064397	4.527133736	3.169757545	51.48609046	5.720676718
ENSG000000167232	ZNF91	0.131935888	13.13656481	0.053934827	11.39122415	0	7.194608827	7.899713375	3.109444417	8.545911094	51.46333739	5.718148599
ENSG000000010818	HIVEP2	0.307999576	3.850373159	6.339668142	0.416320466	17.32392461	6.384170478	0.329720253	12.93207083	3.436111205	51.40945872	5.71216208
ENSG000000105771	SMG9	4.930011031	11.1217218	0	4.718475135	0.04541193	10.04946462	5.632519962	2.770563322	7.614349167	51.38251697	5.709168553
ENSG000000164047	CAMP	3.245327692	0	48.1334668	0	0	0	0	0	0	51.3787945	5.708754944
ENSG000000070404	FSTL3	0.099644293	11.66987933	35.74422638	0	0	0	2.275261543	0.108946445	1.470595626	51.36855362	5.707617068
ENSG000000013393	FOPNL	2.653279251	7.846964886	0	6.327018615	8.707699606	5.619897245	3.357065739	7.874067781	5.080283577	51.36627679	5.707364088
ENSG0000000251369	ZNF550	1.604083117	17.55283783	0.655742321	1.025889422	24.49651803	1.663345668	4.365686802	0	0	51.36410318	5.707122576
ENSG0000000114026	OGG1	6.488774075	10.07106104	0.063661994	0	0	6.174388804	11.70941493	4.237795896	9.76795531	51.34418141	5.704909046
ENSG0000000110811	P3H3	0	0	0.226899978	45.28003795	2.416523617	0	0	3.376119277	0	51.29964082	5.699600091
ENSG0000000119685	TTLL5	12.03513716	2.77606864	0.045321611	21.05858196	0.234200729	5.653429613	3.313963281	0	6.150948728	51.26765172	5.696405746
ENSG000000157353	FCSK	0.041795207	0	1.475858246	0	0	5.804919915	15.07865005	7.814176607	7.916018374	51.23414261	5.692682512
ENSG000000134461	ANKRD16	3.259247603	19.27818301	0	0.170545735	0.117358674	7.048488553	6.560540235	6.479109167	8.320579592	51.23405257	5.692672508
ENSG000000139178	C1RL	3.06530782	6.462550715	9.267864316	22.69227636	0	2.099290286	3.729586089	0.663656492	3.172716287	51.15324837	5.683694263
ENSG000000163170	BOLA3	1.524878806	2.444002605	7.781994458	15.37409844	0	9.019227314	9.067191961	1.398323365	4.53726861	51.14698606	5.682998451
ENSG0000000214113	LYRM4	10.47155602	5.537190513	0	12.21362478	0.076060053	7.941499594	6.683424441	4.059134791	4.192026818	51.12051701	5.680057445
ENSG000000135554	AHI1	7.995268289	4.842223834	6.586599999	5.912605245	9.62438318	4.083835221	3.983185143	4.332820416	3.71949561	51.08041694	5.675601882
ENSG000000176371	ZSCAN2	16.91397531	9.56472079	0.11397298	14.97871732	0	4.489585101	2.366394125	2.129315747	1.409659868	51.05544135	5.672826816
ENSG000000044446	PHKA2	0.033472272	4.751657992	28.01660096	9.63432501	0	5.953596949	2.056662899	1.354099243	3.252159765	51.05673336	5.672630374
ENSG000000163463	KRTCAP2	6.753765704	3.994797179	5.66713218	3.814822728	9.386239999	3.989485901	8.264120214	4.404642693	5.19485071	50.9994916	5.666610177
ENSG000000142627	EPHA2	19.26741881	0	23.69644408	0.063012551	0	7.892872159	0.030299525	0	0.044879624	50.99492675	5.666102973
ENSG000000172530	BANP	1.334309675	7.234638217	0.136365023	0.672017963	0.044041886	8.952741446	6.401233519	16.65545833	9.481500278	50.91230634	5.656922927
ENSG000000012754	GFER	2.797307861	5.857229917	0	5.603194568	0	13.2076259	10.54489647	6.850920319	5.435718349	50.91030007	5.656670008
ENSG000000177054	ZDHC13	0.077902086	11.88823921	0	0.605339547	6.248339763	6.13691655	7.066701261	8.389690656	10.49114227	50.90427184	5.656030205
ENSG0000000256771	ZNF253	22.75410317	11.90591892	0	0	0	0.045755813	3.667913732	0.273387673	12.24967425	50.89675176	5.65519464
ENSG000000163867	ZMYM6	0.063173315	5.072502301	4.474178015	0.245444688	0	8.635395819	10.2023326	15.74813574	6.429264096	50.87840257	5.652296919
ENSG000000132225	TRIM5	0.094365469	8.70735887	0.752235905	1.629485687	0	3.660807896	11.70081364	23.38623923	6.02485896	50.85981965	5.651091072
ENSG00000017225	RTTN	0.015640488	5.411963983	20.55755118	12.51577669	4.088695302	2.842022506	3.467430383	0.256508747	1.673513164	50.84449024	5.649433605
ENSG000000157873	TNFRSF14	2.429821043	5.217105967	0.04469852	0.881111829	20.73053509	4.401872513	6.980661661	4.835109446	5.289408979	50.81032505	5.645591672
ENSG000000143578	CREB3L4	0.052071182	5.081946935	0	10.96999914	0	8.804351762	15.04606324	0	10.822902923	50.77703449	5.641892721
ENSG000000185338	SOC51	3.113079685	10.74956793	6.81020287	0.290573468	0.199954088	13.02527356	6.986098664	7.727311713	1.862604343	50.76466632	5.640518481
ENSG000000049091	DGKC	5.56601623	2.361499027	10.97798481	8.877626765	0	4.254046739	6.606762638	3.093986278	5.818232359	50.76424515	5.640271684
ENSG000000168781	PP1PSK1	6.961378611	13.54822737	15.69769971	0.064627857	0	5.074911758	3.589306092	0	5.822807447	50.75895885	5.639884316
ENSG000000078804	TP53INP2	2.495005833	10.52292128	0	1.685868465	2.835816917	7.609472951	5.704561367	17.86987611	2.935120955	50.75864414	5.639849349
ENSG000000117155	SSX2IP	0.017479164	0	35.36290413	1.177967821	0.041569342	7.105789256	0	0.114747506	6.884001288	50.70447102	5.633803113
ENSG000000142453	CARM1	1.356772801	5.537388105	0	9.2826563127	1.612199966	11.768863656	10.44882002	6.527102568	10.92969446	50.69917761	5.633241957
ENSG000000156535	CD109	1.220377743	0.959412186	0.284175117	21.44671024	0.010390357	3.35823903	9.940657054	1.114735302	9.347422217	50.68211974	5.631346638
ENSG000000105886	SP6	0.02427479	6.590478074	10.94058221	12.11408958	0.057689565	5.836854024	7.860791884	0.053081858	7.742001987	50.67286398	5.63031822
ENSG000000164074	ABHD18	0	17.6309262	0.124338795	7.275211011	2.248835065	9.078452609	8.755049258	0.344689833	5.181645991	50.63932877	5.626592085
ENSG000000182903	ZNF721	1.655358364	2.14010047	0	0.615253415	0	13.52729428	14.54984601	0.258556	17.66663712	50.63301566	5.625590629
ENSG000000130402	ACTN4	1.435847493	1.317866973	7.013259378	6.796962805	4.647818782	6.713616063	11.28492993	9.419334002	1.979034067	50.60686949	5.623185499
ENSG0000000269343	ZNF587B	0.05689404	0.050478539	0.104661182	42.29336542	0	0.843295476	3.590265524	0.186615908	4.328644424	50.55472052	5.617191169
ENSG000000197841	ZNF181	8.585279789	2.56759017	0	2.706794342	0	6.195830665	3.243886656	18.19341299	6.045152137	50.53894675	5.615438528
ENSG000000273559	CWC25	13.30098428	5.341186543	5.163022027	0.208958286	0	7.011564076	4.154199418	7.560414262	7.704001192	50.512924941	5.612924941
ENSG00000013392	RWDD2A	18.32250757	10.81389865	0.073754338	0.900014505	0	6.867086751	7.856460162	0	5.6705625	50.50428441	5.611587157
ENSG000000162923	WRD26	7.695955631	4.474424207	12.23917203	6.452553654	0	10.00663281	9.327969289	2.137468503	1.388430651	50.48181669	5.609090744
ENSG000000196782	MAML3	15.40845094	1.108972904	4.400426553	10.0474106	0.153644128	2.48439968	2.916666303	8.152478634	7.77886745	50.45033648	5.605592944
ENSG000000136720	H56ST1	7.473502289	4.474424207	12.23917203	6.452553654	0	10.00663281	9.327969289	2.137468503	1.388430651	50.48181669	5.609090744
ENSG000000151849	CENPJ	0.181841842	3.457220218	3.584065227	1.345719312	11.17419205	9.8114558	3.753109467	6.532572677	10.57607287	50.41524946	5.601694385
ENSG000000164292	RHOBTB3	0.051357393	0.637927042	12.59680974	4.25678445	2.847879004	10.05575604	4.065312672	11.9047195	3.979267329	50.39527317	5.599477497
ENSG00000168807	SNTB2	0	2.878283748	0	2.193174976	0.145465334	2.049730669	2.12187802	13.08353579	1.71261099	50.39222101	5.59913566

ENSG00000108839	ALOX12	4,618851405	0	0	0,098466028	38,21552715	2,754741651	0,852251312	1,371615186	1,12209221	49,03354494	5,44817166
ENSG00000150637	CD226	14,62538798	0,863770994	0,020351424	2,368836434	17,69427528	1,858431674	7,954997255	0,09676684	3,537601273	49,02041915	5,446713239
ENSG00000008750	TFAP2C	0,31,18345819	0	0	10,60781969	0	0,165855292	0,752571135	0,220216306	6,089863406	48,99888402	5,444320447
ENSG00000137992	DBT	9,465299835	6,784801559	2,188819677	10,59622696	0,037171878	8,897892906	7,237605633	0	3,683059452	48,9854779	5,442830878
ENSG00000166349	RAG1	0,019335966	0	46,0276709	0,100166977	0,251714004	2,207895071	0,337156362	0	0	48,96793932	5,440882147
ENSG00000185090	MANEAL	8,511861171	12,17211863	0	0	0	1,759157871	8,10693	10,94879283	7,451103113	48,94996361	5,438884857
ENSG00000191739	PCN3C	12,79473598	1,244512544	8,333823841	6,088046322	0,225236793	10,07284485	4,831835414	0,08289878	5,268604369	48,94253889	5,438059849
ENSG00000000393	ALS2	5,399908302	4,726779844	0,479367866	15,84908736	0,068809646	3,512764653	0,120205338	11,45979244	7,24655437	48,86326982	5,429252203
ENSG00000000630	ACK	5,183655771	6,140466718	0,025772307	12,862800771	16,94704516	7,229554149	3,501443532	0,30635506	5,841087618	48,86141818	5,422686798
ENSG00000116095	PLEKHA3	9,765540575	4,926790709	1,976486448	5,382185678	4,778121472	4,508376108	5,0435452	6,676150713	5,717348133	48,77454504	5,419393893
ENSG00000139187	KLRG1	0	0	0,107204049	22,03808694	0	12,92477304	6,677557199	0	7,0323894787	48,77151602	5,419057335
ENSG00000106367	AP1S1	7,826798245	5,839466747	0	11,97935728	0	11,5229241	4,818845114	0,19448768	2,953417364	48,73529653	5,4150332948
ENSG00000112294	ALDH5A1	0,054700659	0	31,29477313	2,644770783	0	2,492412284	11,96793936	0,119614323	0,134549518	48,70870606	5,412084451
ENSG00000173272	MZT2A	3,900346588	5,866430189	11,07000394	2,950592142	3,178031348	5,669019214	5,706000841	4,792438418	5,482198297	48,61506098	5,401673442
ENSG00000121690	DEPDC7	23,11800221	0	0	0	0,108363773	2,453113536	12,72119238	0,498543403	9,701704391	48,6009197	5,400102188
ENSG00000116704	SLC35D1	0	13,29236138	0,089772356	0,294936997	0,347925925	7,072564549	18,43662233	0	9,032747167	48,56693071	5,396325634
ENSG00000108187	PBLD	0	15,08687588	1,021195259	0,021782862	0	4,073983612	6,695632566	5,941688899	7,725638494	48,56679753	5,396310836
ENSG00000140263	SORD	4,422506014	2,909794805	5,164707528	9,05249583	4,900814866	7,09252712	6,910976853	4,45505336	3,636260465	48,545713684	5,393904094
ENSG00000102931	ARL2BP	1,894565831	3,630809429	4,600473052	3,66408189	11,16614224	6,489982439	5,285610776	5,302861665	6,430998012	48,4652534	5,385058371
ENSG00000177221	ANXA2R	3,371441745	0,116504652	11,48288866	0	0	9,665368886	11,9951232	0	48,46319016	5,384798907	
ENSG00000139517	LNX2	32,57586134	0	0,103834205	0,59666466	0,6029979423	4,898945465	0,068626078	4,168520126	48,4469813	5,382997922	
ENSG00000167173	C15orf39	4,163542501	2,955241606	1,866923344	12,80634885	8,225010011	3,599919522	3,997246671	6,202405349	4,6085585	48,42519635	5,380577372
ENSG00000197620	Xcorf40A	7,222413151	2,197027703	0	7,533822911	7,172468557	1,456491602	4,503812151	3,867747571	3,915611472	48,42161213	5,380179125
ENSG00000147601	TERF1	6,364711536	4,159358471	9,158991033	5,524778108	3,537502965	4,376944343	6,946896779	2,993066735	5,344770908	48,40701996	5,378557774
ENSG00000103631	FUZ	2,817315724	4,908362036	8,480748782	3,980364019	0	7,367554423	7,400622972	10,86513663	5,282951665	48,40305625	5,378117361
ENSG00000132017	DCAF15	12,75840684	3,078969268	0	10,83924413	0,12128252	7,284152304	2,796704462	5,244993135	4,76478294	48,40023096	5,37780344
ENSG00000173207	CKS1B	0,129154334	5,385758121	11,64190158	11,59710998	0	6,66478385	5,4155998	2,824227073	4,685873852	48,34440859	5,371600955
ENSG00000090721	ACOT7	9,013870122	0	0	1,265446046	0	10,01739418	11,37873525	0	6,62884741	48,30429301	5,367143667
ENSG00000165699	TSC1	4,954022686	6,535961252	0,694950247	6,686458724	0,612132174	8,653744853	2,238504787	14,98220369	2,90385191	48,26183032	5,362425591
ENSG00000100211	CBY1	0	5,481608179	0	19,89240224	0	8,055283537	7,267446828	0	7,519343959	48,21608474	5,357342749
ENSG00000158480	SPATA2	0,0352157	5,311598697	9,976447272	0,026897378	0	2,513210767	1,637459471	14,47727081	6,236751155	48,21478827	5,357198696
ENSG00000197948	FXHS1D	3,9077173846	5,299249014	3,479329302	9,948923757	0	7,404770469	9,38134564	2,829808549	10,92674171	48,21334769	5,357038632
ENSG00000126217	MCF2L	0,026100798	1,296826324	4,981507085	6,411261791	10,01770154	6,025166034	6,306566676	0,014268701	13,12915326	48,20855112	5,35650568
ENSG00000196371	FUT4	0,249398532	8,054438689	0	14,59926661	6,69752142	2,549365125	6,336676282	0,327216934	6,992806212	48,2024898	5,3558322
ENSG00000118600	RXYLT1	0,83621847	5,978563303	4,025083442	11,83636353	0	8,822769007	5,94874716	5,038661396	5,715423545	48,19822986	5,355358873
ENSG00000172264	MACROD2	4,046187839	13,30386017	8,173023561	5,14581231	3,865195809	1,553415445	4,325805986	1,966183986	5,821933407	48,17019744	5,352243049
ENSG00000148737	TCF7L2	5,538553339	4,018747887	0,082498916	10,72547677	0,213517674	5,514760229	5,12009813	10,54213266	6,398040238	48,15346592	5,350385104
ENSG00000117834	SLC5A9	0,033320964	0	0,061296604	0,115076064	47,90873498	0	0,027667107	0	0	48,14609572	5,349566191
ENSG00000132933	XPO4	0,014391483	0	0	6,113333691	2,565125303	5,719964644	9,511846121	7,363970362	16,85008469	48,13871629	5,348746254
ENSG00000006651	TRMT11	0,026408698	4,076958058	0	0,228010289	0,062760843	3,189472813	3,15758962	26,91060966	10,42585349	48,07766347	5,341962607
ENSG00000102858	MGRN1	2,343116152	6,468461803	0	0,970189992	9,81581333	3,274229349	5,358821249	3,179439138	2,627579696	48,03765071	5,337516746
ENSG00000000460	C1orf112	2,739809381	0	0,874154019	0	0	9,726750728	2,208764633	32,48996501	0	48,03744377	5,337493753
ENSG00000163001	CFAP3C	0	15,53005022	0	3,573431892	0	20,25955116	4,653678505	0,565651185	3,446511825	48,03828879	5,336541643
ENSG00000139737	SLAIN1	0	0	6,593946534	37,68386494	0	2,315031303	0,379328911	0,230535745	0,8221182308	48,02388974	5,335987749
ENSG00000276903	HIST1H2AL	25,37734775	13,64590331	1,414656992	0	0,913785095	6,33246476	0,319262931	0	48,00342084	5,333713426	
ENSG00000119403	PHF19	6,920744971	7,766927816	0	4,629874436	0	6,64246167	9,190502026	5,512253932	47,9906532	5,3322948	
ENSG00000154114	TBCEL	0	4,430836469	34,41092678	0,037170224	0	1,867084838	3,932118667	0	3,309232946	47,98736993	5,331929992
ENSG00000099161	ORC6	0,070137188	10,88996287	0,193534532	23,79843236	0,250023817	3,080261345	3,814484449	0	5,865659597	47,96249611	5,329166235
ENSG00000162367	TAL1	0,026510626	0,376339649	2,584727326	9,292947341	0,063003078	21,71391056	3,301850842	0,115941954	10,46093632	47,94132491	5,326813879
ENSG00000117597	UTP25	0,014514511	10,43103545	0,026700615	4,461283784	0	6,27881733	12,88327585	0,095216953	13,74525234	47,93609684	5,326232982
ENSG00000167920	TMEM99	0	6,924920409	10,59195974	0	0,152039603	12,01130763	6,055723052	0	12,19568626	47,93163669	5,325737411
ENSG00000167874	TMEM88	0	0	0	44,32536523	0	0,189612088	0	3,398755552	0	47,91373287	5,323748096
ENSG00000197714	ZNF460	0,03773048	0	0	0	0	6,296731001	9,116570939	20,6263775	11,83292464	47,91033456	5,323370506
ENSG00000145908	ZNF300	0	0	0	0	0	2,670517104	0	22,3895345	22,83582296	47,90487456	5,322763841
ENSG00000177602	HASPIN	0,054025946	0	10,26201187	0	0	12,39732232	0,089717792	16,30371737	8,770733264	47,87698256	5,319664729
ENSG00000176542	USF3	0,27498648	0,683139467	0,080937574	24,74874595	8,103540408	2,42742946	4,40214733	3,559784248	3,503730475	47,7844414	5,309382377
ENSG00000168016	TRANK1	0,049650261	6,211273536	0	8,294877211	19,85264547	0,4498732958	6,864074348	0,92284955	5,129327377	47,77443112	5,308270124
ENSG00000234545	FAM133B	8,33106239	5,769079339	4,547859082	12,0467514	0,804835371	2,714359502	2,755735665	6,590918088	4,206745472	47,76734641	5,307482935
ENSG00000068878	PSME4	0,174492576	0,619265589	0,080248296	27,64524702	0,034557115	9,818610919	5,143414303	0,508752221	3,737675438	47,76226348	5,306918164
ENSG00000130299	GTPBP3	0	5,86264532	0	0,079310411	0	9,123616078	7,897315508	11,96803646	12,8065791	47,73660287	5,304066985
ENSG00000121406	ZNF549	0,048855665	0,202284082	0,056915961	22,04688222	0	0,447005541	3,840238634	11,32430318	9,733959459	47,70344294	5,300382548
ENSG00000104329	BFAR	10,15632307	4,693267213	0,324364176	7,365369589	15,3368752	4,336519158	3,015972975	5,78356886	3,686570543	47,69883097	5,299870107
ENSG00000148494	INPPE5	17,7749842	0,658825553	4,140674079	7,693414485	0,110294085	3,286619225	0,655096942	3,09528695	10,27407064	47,68926616	5,298807352
ENSG00000147475	ERLIN2	1,669198019	15,86352566	2,125817008	3,466892425	0	8,123714908	4,184565507	3,860626917	5,487555304	47,66169574	5,295743972
ENSG00000141956	PRDM15	8,320145232	0,020619963	1,068825358	2,167100681	24,52294506	2,436855439	4,660271482	0	4,373195618	47,56969284	5,285551426
ENSG00000195418	TARSL2	3,290147044	5,055876096	4,243018346	4,							

ENSG00000170325	PRDM10	0	14,00198189	0,251717566	2,441588956	0	1,377162952	10,20653621	0,94751838	16,94103523	46,16754119	5,129726799
ENSG00000176473	WDR25	1,110580296	12,96846089	0,065903925	4,639668823	0,085139294	8,535465895	7,91254346	6,580489254	4,229792826	46,12804403	5,125338225
ENSG00000144156	PCLP1	2,090780284	2,853875628	0,972106169	2,935865611	12,44926253	2,850523821	9,653031472	4,471442376	7,827198825	46,10408672	5,126276302
ENSG000000214500	STARD10	7,861008123	9,901739626	0,149854501	0,23965344	0,096797181	4,58459239	12,46928286	0,350658316	46,008758049	5,120842276	
ENSG00000174004	NRR0S	1,562135465	1,385985528	0,766313161	6,923498637	0,123748292	2,00089037	2,37796976	26,18881824	4,674981436	46,00443956	5,111604395
ENSG000000166971	AKTIP	0,029087694	18,1170052	0	10,34698841	0,069127535	5,493093204	6,569380232	0,127212538	5,223020645	45,97491544	5,10832394
ENSG000000774861	JADE1	0,033387223	5,332032702	2,610285949	1,643094736	0,277709103	10,41650402	4,366234487	11,27974827	9,99859217	45,95173506	5,10574834
ENSG00000121594	CD80	0,04703099	0,500732026	0	0,081212255	0,223540331	9,862720246	2,421151754	27,66476771	5,147942883	45,9490982	5,105453535
ENSG000000159917	ZNF235	0	0,402951745	0	0,043569039	0	5,56821271	5,426083818	20,19353009	14,30543442	45,93978183	5,104422023
ENSG00000117399	CDC20	0	0	4,973798988	30,47699573	0	1,236907878	4,614714	0	4,618452343	45,92087074	5,102318971
ENSG00000175592	FOSL1	0,160159587	0,284199258	0	3,180447491	11,22837043	7,737218203	2,992138283	5,953775991	14,37922214	45,91553142	5,101725714
ENSG00000163735	CXCL5	0	0,110074713	45,53122311	0,107116164	0	0	0	0	0,076291676	45,82470566	5,091633962
ENSG00000138030	KHKH	0	11,16525705	0,182282032	0,769972056	0	8,377124201	11,97110381	5,30862092	8,043193751	45,81755382	5,090839313
ENSG00000119979	FAM45A	7,998699735	2,898371643	2,739590866	3,940362834	4,395493683	3,771294304	4,228216561	8,45651969	7,326329284	45,7548786	5,0838754
ENSG000000071539	TRIP13	0	11,79533956	0	2,594412221	0	8,098075754	4,234009396	19,01566809	0	45,73750503	5,081945003
ENSG00000157193	LRP8	9,997474177	0,078381175	11,07803376	0,940718509	0,034991478	8,713417212	9,156901361	0,257573472	5,468737185	45,72622833	5,080692037
ENSG000000204385	INF2	0,031852987	1,582625633	5,742421944	1,760101009	22,02850017	3,32240826	3,768870639	1,149277058	6,307185937	45,69324364	5,077027071
ENSG00000168148	HIST3H3	0,942477752	27,87338878	12,13634528	0	0	1,724642169	0,260853081	2,747896611	0	45,68560349	5,076178166
ENSG00000180884	ZNF792	0,273875071	12,08886679	0	0	0,081358754	8,833027985	6,850555055	0	17,55731758	45,68500123	5,076111248
ENSG00000105327	BBC3	8,173276149	4,890640253	1,573472258	3,036035868	13,89039551	5,478179419	3,511591053	2,078204827	3,038999735	45,67079507	5,074532786
ENSG00000113240	CLK4	0,228897608	4,874078265	0	5,467710904	0,045331677	10,01076189	0,886939989	7,090870548	17,05508804	45,65968071	5,073297857
ENSG00000146143	PRIM2	0,064743175	9,995010286	0	15,03674125	0,076931779	10,34275446	4,918824069	0	5,215487236	45,65049226	5,072276918
ENSG00000109685	NSD2	7,819878575	0	7,76104381	8,2336729	0,072523359	1,499368568	6,657712876	6,066644669	6,671221151	45,62206591	5,069118434
ENSG00000157881	PANK4	5,412651092	4,776066159	7,998252995	0	0	11,4958591	8,202601466	2,263693455	5,456445164	45,60556943	5,067285493
ENSG00000131634	TMEM204	0	6,58690686	0	24,76761533	0	6,877562289	4,173782794	0	3,510999961	45,59496723	5,06610747
ENSG00000139645	ANKRD52	2,640534197	9,857938049	1,040887696	13,243770262	0	4,216948733	3,744320585	1,237301796	9,088829127	45,5944628	5,066051423
ENSG00000149016	TUT1	2,998519408	4,007021559	0	16,81183202	0	6,42182046	3,596283401	4,776001833	6,920301662	45,53178035	5,059086705
ENSG00000182141	ZNF708	0,139755441	0,123996301	25,00214069	4,162893236	0	6,137732317	6,962515533	0	2,964950298	45,49398382	5,054887091
ENSG00000160305	DIP2A	0,043933877	8,965352525	0,626354344	13,92108383	0,052204905	4,498084395	8,827975096	0,744546561	7,794261037	45,47379657	5,052640064
ENSG00000169495	HTRA4	9,890603296	0	0	0	4,41827685	11,1042512	3,457843795	16,58677455	0	45,45774969	5,050861077
ENSG00000177225	GATD1	0	4,866460982	16,59808576	7,434989294	0	5,239281837	2,778108984	0	8,533424307	45,4503511	5,050039011
ENSG00000167619	TMEM145	0	0	0	0	45,26124029	0	0,04720479	0	45,44828445	5,049803938	
ENSG00000138688	KIAA1109	0,103348705	4,139368443	2,675235931	14,77399294	0,824549316	1,864163783	5,099722336	9,249585109	6,709395908	45,43935262	5,048813959
ENSG00000104160	MAP1LC3A	6,296273778	9,77601042	5,308647724	0,226506054	0	6,480881902	10,56477622	0	7,76554546	45,42875055	5,047638951
ENSG00000196466	ZNF799	0	11,93510386	0,109982235	0,516191839	0	4,430846262	3,524586972	14,6424022	10,2206396	45,37975297	5,042194775
ENSG00000159259	CHAF1B	0,236850424	8,405705332	0	5,214609602	0,14072004	8,028977211	10,49683224	0	12,81700154	45,34069898	5,037855432
ENSG00000113119	TMC06	21,70434524	3,904980584	0	0	0,102546414	5,921993743	7,237294993	1,415339381	5,041524733	45,32802509	5,036447232
ENSG00000196284	SUPT3H	0	6,445721156	18,01524872	0,150539408	0	6,955481869	7,43170428	0,571905982	5,754094247	45,32469567	5,036077296
ENSG00000169972	PUSL1	15,48591452	2,398993087	0,226091988	0,424457055	1,898547398	9,715788144	5,663768545	0,13437762	9,371683108	45,305513496	5,035513496
ENSG00000197892	KIF13B	0,217562236	1,302948619	3,952205133	11,64615742	5,17041364	3,821929959	6,966183285	5,708938807	6,50530803	45,29171993	5,032413325
ENSG00000119782	FKBP1B	7,11850631	4,477028028	0	14,4705476	0	9,398631358	5,835829395	0	3,989594963	45,28999953	5,03222217
ENSG00000086289	EPDR1	0	8,391494247	0	36,88757015	0	0	0	0	0	45,2790644	5,031007165
ENSG00000144115	THNSL2	19,502686	3,293922875	1,858675829	3,043091758	0,11683266	4,901727503	5,228743427	1,130393482	6,068693777	45,13961791	5,015513102
ENSG00000103168	TA1FC	0	0,048079971	0	5,053071052	21,76469954	3,24264889	1,282375636	1,599737013	12,12984295	45,12045505	5,013383944
ENSG00000140650	PM2M	2,375018792	1,510164506	5,898202493	12,33759343	0	5,236993973	5,242309877	8,525947584	3,991988167	45,11821882	5,013135425
ENSG00000142207	URB1	0,013200889	1,030684721	4,783967808	15,66020159	11,01164125	5,855496898	3,441747554	0,11546591	3,182136662	45,09454327	5,010504808
ENSG00000180263	FGD6	0	9,63752111	0	0,129895945	0	5,500619479	6,096129233	17,50210971	6,180081485	45,06435696	5,005150774
ENSG00000167775	CD320	5,03922921	0	14,63695124	8,129172092	0	3,931185231	4,019014584	3,334793792	5,952960125	45,04330628	5,004811808
ENSG00000145743	FXB117	0,018598224	0,660041846	17,10646763	4,945721365	0	5,125360585	3,227483002	10,73658164	0,200278538	45,02253283	5,002503648
ENSG00000160055	TMEM234	1,819589622	17,04515094	12,14362795	20,13976987	0,354059549	5,900488166	4,075765475	0	4,0073319	44,99195407	4,999106007
ENSG00000156802	ATAD2	0,085132716	1,397359719	5,520449853	20,13976987	0,354059549	9,066662502	5,937750923	0	4,98786819	44,98786395	4,98865155
ENSG00000131777	KIF13A	1,383846131	1,174206862	3,893418517	3,959239604	0	2,785534014	8,784282822	10,76923577	7,141525546	44,98128927	4,997921029
ENSG00000183077	AFMID	0,037329686	0,662406127	0	3,86761326	6,29875136	17,70587182	5,734192544	4,244712824	6,18587598	44,9246522	4,992496136
ENSG00000179981	TSZH2	4,835684244	0,55046661	3,22256847	2,331745939	0,260198678	4,868526765	5,77275649	16,4798305	6,553216339	44,87499404	4,986110449
ENSG00000178149	DALRD3	0	2,327874119	0,075415111	16,77742512	0,09742744	4,366067808	4,186883021	11,74360509	5,24363492	44,81833263	4,979814736
ENSG00000103495	MAZ	7,05641617	3,359410024	5,223999582	1,411664516	2,965378339	6,613747363	6,966604425	3,857578949	7,35554248	44,81034189	4,978926877
ENSG00000161671	EMC10	4,920002132	6,28691701	1,163854155	1,165321807	15,40316217	5,557109008	2,393135287	3,320332466	5,239253466	44,7890875	4,976565277
ENSG00000126870	WDR60	0,022597663	8,581185587	0,041570226	4,838632698	5,316679631	3,597582417	6,886139053	5,583835222	9,894027505	44,76225	4,973583333
ENSG00000120800	UTP20	0	2,994207778	0	14,51662172	0	10,35493729	4,866197323	0,889504818	11,13596808	44,75743701	4,973048557
ENSG00000171827	ZNF570	28,45117373	6,310738715	0	0,083552666	0,172486812	5,604728095	4,057798121	0,052903389	0	44,73381531	4,970375725
ENSG00000177888	ZBTB41	0,38827757	8,393138989	0,551934324	15,8779633	0,04193184	2,906632388	4,235099971	1,389353472	10,91810333	44,70244653	4,966938503
ENSG00000166844	MAPK7	8,491972023	9,805038494	0,053498864	9,039317827	0	3,608139948	4,467284723	3,179701381	6,044661714	44,68961497	4,965512775
ENSG00000185507	IRF7	3,392512812	3,673178083	0,105776293	1,390064553	9,292234734	6,376319729	8,020934466	5,406653883	4,070106762	44,65874217	4,962082464
ENSG00000167106	FAM102A	0,045979179	0	0	25,367024	0	3,155153216	11,03329559	2,614117984	2,40330966	44,61887963	4,957653292
ENSG00000123066	MED13L	1,540871626	4,104946581	4,798660846	11,9349607	1,864597024	3,694401023	4,499792444	8,817130495	3,357413621	44	

ENSG000000035720	STAP1	3,717738284	9,758114816	0,14248083	5,349768828	0	1,275581061	10,86852184	0	12,28816062	43,40036628	4,82226292
ENSG000000166503	HDFGL3	1,420955049	5,710833481	2,87362663	6,3353566762	0,044727555	6,230170491	5,258533655	6,872907308	8,633796588	43,39911752	4,822124169
ENSG000000177619	NF619	17,54141317	12,59328844	0	0,809279939	0	0,036754669	6,393038627	6,002577434	0	43,7635227	4,819594697
ENSG000000130768	SMPLD3B	35,91926069	0,100691701	0,104386068	0,097985345	2,02281755	0	0	1,489002933	3,628997055	43,36314135	4,818126816
ENSG000000124496	TRERF1	1,680743543	7,45609545	0	19,30351856	0,464456211	6,673302032	4,981814786	0	7,88178555	43,34813733	4,816459704
ENSG000000160730	AGO3	0,31432256	2,028209711	17,39921765	6,19271168	7,164355074	3,521668271	1,933689228	1,234072275	5,331901005	43,31990764	4,813323071
ENSG000000159314	ARHGAP27	5,029289087	3,446290813	7,065483045	1,977159313	0	6,683526013	4,982228798	2,376999095	1,74686919	43,30784535	4,811982871
ENSG000000172432	GTPBP2	0,095922918	6,808514602	3,41152047	0,220805092	4,86320836	4,318028128	3,982342319	11,04711419	8,533367612	43,28068919	4,808985466
ENSG000000060507	NTHL1	0	8,055294653	0	1,503329072	1,034494978	11,94829256	11,61762333	0	9,101125988	43,26016058	4,806845409
ENSG000000156345	CDK20	0,079156925	4,401143357	0	0,820120402	31,85467287	2,665230148	0	0,173093016	3,245093806	43,23851052	4,804278947
ENSG000000156970	BUB1B	0,033760181	10,18412422	4,098902264	4,227223447	0,080231801	7,487474641	2,775148094	0	2,989488294	43,21428549	4,801587276
ENSG000000174373	RALGAP1	2,554190457	0,094032122	4,874107501	3,257569468	13,44990655	4,317072798	2,639989569	8,296786027	3,727879462	43,21154296	4,801282551
ENSG000000152760	TCTEX1D1	0	0	0,082732172	4,581893899	0	3,555226644	4,854506893	21,04553495	9,071080254	43,19097482	4,798997202
ENSG000000162300	ZFP1	6,78060253	6,789492951	3,207462681	4,683448262	2,186933752	4,62635262	5,26814535	4,024253579	5,59222145	43,16618387	4,796242652
ENSG000000188783	PRELP	0,026193547	43,04030024	0	0	0	0,086276951	0	0	0	43,15277074	4,794752304
ENSG000000031823	RANBP3	3,308379988	5,114326933	0	0,784094302	4,240850494	7,019722184	6,960274965	5,814228119	9,910150348	43,15204533	4,794671704
ENSG000000020256	ZFP64	0	0	0,040939632	4,227223447	0,158667544	7,916793351	6,984946318	2,919893086	20,85641384	43,10487722	4,789430802
ENSG000000167972	ABC3A	0,251721863	4,123147105	0	4,881664056	1,242462025	9,71567575	13,29625379	7,113404324	3,209833683	43,00555301	4,778394779
ENSG000000023510	ZSCAN31	19,93671842	12,06287392	0	0	0	4,384564363	3,239903671	1,533184396	1,837094395	42,99433971	4,777148856
ENSG000000104863	LN7B	4,41005621	6,730318314	0	0,446551582	0	8,423297962	3,865030193	19,79214466	3,286504387	42,97485272	4,774983635
ENSG000000178338	ZNF354B	0,121146903	5,302647784	0	0	0,0191938825	7,138322514	2,078877762	15,36494428	12,76391314	42,9617876	4,773531962
ENSG000000114770	ABCC5	10,27791211	3,279519403	0	0,43623093	0	4,058349347	11,45958686	1,192064872	12,24804621	42,95170973	4,772421219
ENSG000000091728	ZNF772	0,024788479	0	0,18240164	1,369737399	0	4,681203936	2,655130057	33,98662628	0,030486634	42,93037442	4,770041603
ENSG000000004577	SCYL3	11,76743656	4,557985473	7,06763291	0,227460388	0,7826185	5,616324912	10,90095286	0,048007347	1,863055359	42,83147431	4,759052702
ENSG000000204954	C12orf73	0	7,013409698	0,062678715	5,096843927	0	2,656065602	4,2153505	19,59510513	4,148546946	42,75100052	4,750111169
ENSG000000151164	RAD9B	0,19019581	0	0,087470138	16,99607921	0,339003344	6,525746409	3,118991891	0	15,43847762	42,69596443	4,743996047
ENSG000000189190	ZNF601	13,93064133	7,354267952	0	1,948394411	0,051567711	0,357360518	3,711500344	9,869383981	4,07783611	42,69389988	4,743766653
ENSG000000027239	POM121C	4,432301868	1,707134152	3,318316325	8,513908335	2,627271776	4,338271105	5,00683112	3,193148959	4,880689705	42,65787334	4,739763705
ENSG000000198648	STK39	0	0	12,39306034	21,71520459	0	1,658657481	1,254364303	0,089282059	4,37458775	42,584028	4,731558667
ENSG0000000273820	USP27X	0,057719851	0,10242246	0,106180328	3,08699821	1,920414665	1,394206527	3,258969662	0,631082062	0,99383167	42,55182544	4,727980604
ENSG000000169609	C15orf40	0,010872046	7,466073389	13,28000473	7,434365778	0,051675306	4,476326805	3,303988885	4,350638597	2,166136888	42,54008242	4,726675825
ENSG000000078403	MLLT10	0,777896695	1,233511939	5,297758732	6,688305836	9,912116175	4,316340462	2,006425901	4,017331454	7,18552271	42,53520999	4,726134444
ENSG000000173276	ZBTB21	1,874155875	0	13,3093199	2,912943155	0	4,650929091	2,381166063	3,378933987	14,10792255	42,51564266	4,723960296
ENSG000000006468	ETV1	13,39041105	6,525764745	0,028911087	0	0,074699437	8,16851121	4,045325317	1,374662397	6,146562047	42,47421768	4,71935752
ENSG000000142303	ADAMTS10	4,37041966	2,67906994	9,940042102	8,141354159	0	1,046937907	2,881089131	3,011848819	3,01176873	42,46253045	4,718058939
ENSG000000120408	BRCA1	0,032475945	0	0,716905478	17,52464637	0	6,846084403	5,1523549056	5,042092047	10,74418966	42,42904296	4,714438107
ENSG000000136059	VILL	20,74386926	0	0	10,11344636	0	0,461147372	0	2,296101843	8,81020419	42,42476902	4,713863225
ENSG000000128581	IFT22	17,51741611	3,504275897	0	0,378898801	0,086911312	10,15860985	2,064855415	6,717450066	1,979004593	42,40742204	4,711935782
ENSG000000003511	HSY3L1	4,533993835	9,414389972	0	6,941127403	0,032164581	7,23676760	2,58512298	3,011737481	3,25551228	42,378173683	4,710984691
ENSG000000105617	LENG1	5,977785221	0,869461738	10,63607383	0	0	4,949342755	6,997696856	8,357294509	4,578975387	42,36753029	4,707503366
ENSG000000172371	LRRCC20	0,041685675	6,879229244	0,076684165	0,431892372	0	4,256464451	12,97968952	0,091154363	17,58492611	42,34172589	4,70463621
ENSG000000189134	NKAPL	0	9,488856623	0,16903477	0	0	6,377282692	4,286966804	10,88680088	11,11223687	42,32174915	4,702416572
ENSG000000139631	CSAD	6,367985324	0,488641458	19,50239177	0	0,245410621	3,968248418	10,31196714	0,4233040597	42,30885822	42,270084253	4,700984253
ENSG000000143476	DTL	0,306948143	0	2,484485955	26,50162245	0	0	5,989341463	0,06712057	6,946122303	42,29564088	4,699515653
ENSG000000084764	MAPRE3	8,575420815	4,284362536	0,07657854	0	0,494652262	12,37420905	2,366748968	0,690292951	42,29158349	42,099064832	4,693797065
ENSG000000177125	ZBTB34	0,022874746	3,612570089	16,91613681	3,989469033	0,054362329	2,712434497	7,046547559	2,951201859	4,979538971	42,2851359	4,698348433
ENSG000000106123	EPHB6	10,22235594	7,251163946	3,340981471	0,90018732	0	5,795186341	2,992437965	3,226778875	6,94520316	42,24471359	4,693797065
ENSG000000171262	FAM98B	0	1,056755802	0,162300452	0,144401906	20,65279692	1,138198381	0,329654937	0	3,797768664	42,18189421	4,686877135
ENSG000000186073	C15orf41	9,772186074	0,144504204	0,089883628	0,984341896	0,038706353	4,738769436	5,260612109	16,41844531	4,687226365	42,13467538	4,681630598
ENSG000000185379	RAD51D	10,14622462	0,521861642	0	17,08173047	0	3,727997743	1,842540261	4,501674044	4,307483093	42,12951187	4,681056874
ENSG000000160226	CFAP410	1,121552974	0	0,0881199639	5,271558844	0	6,48537138	7,656939278	0,926502993	6,682259813	42,12343302	4,680381447
ENSG000000078401	EDN1	0	0	1,410459322	0	0	12,1477523	0	13,47718383	15,06863694	42,1040324	4,678225822
ENSG000000148950	IMP1L	0	3,917993849	0,071258677	5,418029465	8,745492572	2,551816099	2,637417899	12,36694357	6,383896907	42,09281114	4,676979015
ENSG000000198205	ZXD4	0	0,78232531	22,03294731	0	0	3,348061723	1,433772333	5,54339537	8,46659716	42,08716176	4,676351306
ENSG000000117010	ZNF684	0	14,18100226	0	6,310907157	0	3,798662027	7,485330996	0,42622969	9,82870982	42,03084211	4,670093568
ENSG000000178177	LCORL	0,162725073	4,980965946	2,937331777	10,25615999	0,16918985	9,067128031	7,954842694	2,00155546	9,26191399	42,0201129	4,668901434
ENSG000000135469	COQ10A	0	4,216849215	0	0,0602197	0	15,09208145	4,874888015	15,58941993	2,063051126	41,9972117	4,666356856
ENSG000000132680	KHDC4	4,094919821	6,696426145	0,393878993	2,44944273	1,780958411	1,55743191	1,244480799	1,3175789934	10,17119649	41,96663464	4,662959404
ENSG000000025703	KIAA1147	0,430631291	2,074106935	6,563785754	3,930490186	16,52067402	3,107023963	4,439409291	0,044841168	5,851050776	41,96201339	4,662445932
ENSG000000171456	ASXL1	2,784429936	3,666463441	0,040652252	8,604977592	6,748552821	9,729473714	4,220265627	3,938347068	2,215047026	41,94820948	4,660912164
ENSG000000099910	KLHL22	0	15,71485566	0,060338637	0,623028855	0	7,346593802	13,45394921	0,143448911	4,598763521	41,94097966	4,660108511
ENSG000000140470	ADAMTS17	0,774095132	1,661113177	29,3412399	0,777147292	0	2,549733666	6,816115248	0	0	41,91944441	4,657716046
ENSG000000137871	ZNF280D	6,96109126	0,110683563	0,550773745	2,175714723	12,45185898	6,040333883	4,226194622	5,319470046	4,081166292	41,91728774	4,657476416
ENSG000000139610	CELA1	0	0	0,27409136	25,27402872	0	6,971032635	7,248811198	0	2,147386287	41,91535019	4,657261133
ENSG000000083454	TDRD3	1,910817539	10,34509136	7,317153573	1,043739							

ENSG00000078246	TULP3	0,047533995	4,63913495	0,087442623	0,16416167	0,112965569	10,69885757	7,459544746	0	17,77204869	40,98168981	4,55352109
ENSG000000224578	HNRNP1A1P48	1,256636762	2,926705822	3,467527222	17,49512044	3,546379057	3,535516447	2,021611378	4,121844917	2,680833317	40,97937536	4,553263929
ENSG000000153982	GDPD1	0,6178881199	9,251001792	0,213120444	13,60356116	0	4,15518439	8,144509156	0	9,986937091	40,97219523	4,552466137
ENSG000000109321	AREG	0	18,28983192	0	0,635651582	0,656122185	0	4,66119991	0,201239079	16,52427123	40,9687659	4,5520851
ENSG000000155111	CDK19	0	3,402194115	5,454154983	11,43403747	0	11,93601271	3,577832881	1,901781684	3,233170368	40,98318422	4,548798246
ENSG000000107562	CXCL12	4,401278757	10,63390193	8,508194571	0,042938123	0,059490454	1,556179508	1,507213137	13,64802969	0,581057088	40,97388735	4,548665415
ENSG000000009612	ZNFX268	0,289463314	2,225797376	1,321366913	14,42130864	0,17851717	3,5901189	5,358860579	0,117216945	9,427457524	40,93005961	4,547784401
ENSG000000198945	TM6TBL3	20,30372815	0	2,881467875	1,377908139	0	0,648975461	0,122697371	1,292527156	14,284070238	40,91200653	4,545778504
ENSG000000170321	ZNFB16	18,29369939	0	0,95544078	0,548078045	0,068573142	7,318186599	0,023958437	7,192961752	6,458672342	40,85965982	4,539552202
ENSG000000247746	USP51	0,720063985	1,521114137	0	33,39399267	0,081487983	1,694117529	1,224239681	1,124692197	1,096439659	40,85614784	4,539571982
ENSG000000176444	CLK2	16,89563242	2,712207218	2,431755923	0	0	1,587444409	6,002544587	5,058593707	6,147465608	40,83564348	4,537293719
ENSG000000187741	FANCA	0,015520806	5,040056082	0,114207107	4,824188109	14,56978525	3,663801766	3,092941627	1,357578338	8,15082837	40,82890746	4,536545273
ENSG000000186866	POFUT2	7,836508612	2,698802116	10,71707649	4,451296053	0	3,735959762	2,825329892	2,818445646	5,738352189	40,82177076	4,535752306
ENSG000000148680	CAMK2G	0,401178506	4,310837465	1,558000555	5,441346166	23,83523511	1,810823404	2,331749533	0,487366619	1,535015523	40,81155288	4,534616987
ENSG000000178502	KLHL11	12,84092799	0,036225615	0	10,22306709	0,048516285	2,017286126	1,000101268	0,044641255	14,58752086	40,79826489	4,533142944
ENSG000000143669	LYST	0,03081688	6,548384727	9,325527946	2,647397774	0,036618491	4,686165978	3,691056468	12,29821731	1,497081193	40,76126677	4,529029641
ENSG000000104731	KLHDC4	9,315127779	2,423042141	0	30,81633412	0,032130048	6,457108425	5,680235125	2,217284832	11,53954242	40,74610604	4,527345116
ENSG000000157933	SKI	0,046140632	7,041286109	2,291744327	10,03902498	0,109654211	4,686023922	7,547375696	1,816125978	7,150125728	40,72750454	4,525278282
ENSG000000179988	PSTK	0	10,56263845	0,590673633	6,866709858	0,352191117	3,389804199	3,240325671	11,77422944	3,827502747	40,60407511	4,511563901
ENSG000000197380	DAC3	0,027645549	4,856578487	0	10,88422507	0	5,129690352	8,011186584	0	11,66215828	40,57148431	4,507942702
ENSG000000197114	ZGPAT	0	6,914606299	9,25211124	2,034275664	0	9,352680186	6,508655903	0,693565809	5,795513738	40,55140884	4,505712093
ENSG000000277075	HIST1H2AE	6,828179028	0	10,76549011	0	0	0	20,95280593	1,947551478	0	40,4902655	4,499336283
ENSG000000166446	CDYL2	9,845731233	24,06441519	0,062998323	0	0,529011677	1,880006535	4,08045159	0	0,021059096	40,48367365	4,498185961
ENSG000000170989	S1PR1	0,607566912	0,051338694	0,372556135	0	0	8,445959025	20,04389506	10,5020368	40,462570322	40,48055485	4,497839427
ENSG000000173264	GPR137	0,374871175	6,186357233	0,344802901	9,645078446	0	8,27289157	5,229227431	7,377601359	3,042885257	40,47371537	4,497079486
ENSG000000237651	C2orf74	4,386869841	1,12389703	1,834852138	6,544903653	8,296444873	9,2856822159	3,892478947	3,053520756	5,28528308	40,45186771	4,494651967
ENSG000000112555	TRIB3	32,71568791	0	0	0,403585767	0	0	6,66690543	0,436217251	0,184006548	40,43340281	4,492600312
ENSG000000130503	ACVR1B	0,053414836	0	7,615220103	4,150609352	0	4,369154459	2,927197565	13,02349038	8,277363664	40,41645036	4,490716706
ENSG000000162601	MYSM1	1,049731695	7,090365493	2,95889181	4,063861229	2,2935238	3,030075518	6,340293527	6,442085686	7,142336934	40,41116569	4,490129521
ENSG000000157625	MBS1	0,967862991	0	0,415515843	4,04898077	13,50469556	4,359541548	2,704655099	8,786632352	4,313171589	40,40105575	4,489006195
ENSG000000144648	ACKR2	0,055351857	4,567253848	7,729519058	7,550865565	10,45781854	4,071798036	1,700513657	0,847268122	3,914349828	40,39473851	4,488304279
ENSG000000073599	VSP9D1	3,619414866	3,77325569	0,083227575	5,156200997	12,25730534	3,725536902	6,048120794	2,275447621	3,449485623	40,38835451	4,487594945
ENSG000000092002	RGRIP1	21,52013429	1,421593785	0	0,286217522	0	2,881445116	9,381602521	0	4,892486144	40,38347937	4,487053264
ENSG000000146670	CDCA8	0	0	0	9,98273877	6,351989342	9,484249835	6,17541752	5,082305576	7,76361837	40,35585452	4,483983835
ENSG000000164109	MDADL2	6,436647473	5,394917892	0	11,72954028	0,065092902	6,074666756	2,410704222	6,109176343	2,122272824	40,34297369	4,482552632
ENSG000000108176	DNAJC12	0	13,41336793	0	0	0	2,404051112	6,041815893	14,21223946	4,257353713	40,32927811	4,481030902
ENSG000000164465	DCBLD1	17,57305801	0	5,299517945	0,038265871	0	3,065659578	8,924052063	2,277522316	3,106981015	40,28505679	4,476117422
ENSG000000181036	FCRL6	24,38541895	12,01981323	0	0,097472908	0	0	0	3,748865223	40,25157031	4,472396701	4,470850239
ENSG000000143443	C1orf56	4,723234474	10,81310511	0	3,470177697	2,464985276	4,911123892	2,099246224	0,425269714	11,32140977	40,23765215	4,467760935
ENSG000000164818	DNAAF5	4,677887115	4,432099175	0,077876481	8,187341968	0,251518099	3,578964675	5,747135252	5,369156721	7,887869824	40,20984641	4,467760935
ENSG000000068721	STOML1	8,582872344	4,179302545	0	9,356377399	0	0	3,553640197	4,571064878	6,793214	40,19361932	4,466629465
ENSG000000170522	ELOVL6	9,422407791	0	1,066663392	19,38149325	0,049214409	0,04547364	0,687791322	9,464276362	0,025468894	40,14278906	4,460309895
ENSG000000196912	ANKRD36B	0,044636369	11,76165618	3,243306427	3,969325415	0,053037593	4,680094543	3,706109349	2,635277898	10,04575796	40,13920001	4,459911112
ENSG000000269335	IKBK3	3,468392242	4,103051291	0,157540436	2,480498629	0	5,45353687	6,186409115	7,958894372	6,003543083	40,13389304	4,459321449
ENSG000000244482	LILRA6	5,9487973	3,650203828	5,318235889	2,96066718	13,303141486	2,868946691	6,785923033	6,200207117	3,55562604	40,12708467	4,458564963
ENSG000000244737	AAAO8	6,768206547	12,01001646	0	0	0	6,066200245	5,849165386	0,151021283	9,258305015	40,10296043	4,455884493
ENSG000000196642	RABL6	0,846266705	2,739906466	2,621938446	4,97360828	6,774471225	4,613315974	7,482854345	4,545179745	4,596148871	40,09352924	4,454836583
ENSG000000117620	SLC35A3	2,278881652	2,073376584	13,75037287	0,858574087	10,63468456	6,201829425	2,848627225	0,97852847	4,453793816	40,07866868	4,453185409
ENSG000000164904	ALDH7A1	5,061200313	7,858353804	0,031034956	2,767536294	0,280654549	4,480352567	7,081082151	5,227047882	7,988267397	40,07822991	4,453136657
ENSG000000253251	SHLD3	0,615521673	31,26502954	0	0	0	0	0,511080782	3,196668423	4,447447325	40,03574774	4,448416416
ENSG000000108666	C1orf75	9,447700256	11,06751202	0	0,772534756	0,12508448	10,86422446	4,282860514	0	3,463179308	40,02309619	4,447010688
ENSG000000187747	OR5ZB6	0,14991128	0	0	39,86506556	0	0	0	0	0	40,01497664	4,446108538
ENSG000000225614	ZNFA49	0,001372813	1,331931362	1,945672402	4,346078978	16,89233566	2,909397484	5,297573286	1,790568891	5,440979692	4,439990064	4,424292626
ENSG000000162746	FCRL6	0,058298831	9,931185188	0	0,040267743	0	4,416601	15,10291033	0	10,0380066	39,94967399	4,438853265
ENSG000000144451	SPAG16	0,750337095	19,97182149	0,033665992	0,049805005	0	5,766784003	4,118016225	1,240580307	7,945237055	39,92124717	4,43569413
ENSG000000139625	MAP3K12	0,189575424	4,406799901	0,069747861	0,065471076	29,10424443	1,914913192	0,031481704	0	4,080183339	39,86241693	4,429157437
ENSG000000240038	AMY2B	0,102133697	0,035795221	16,25354203	0,096662559	22,2440982	0,022147988	0,55273274	0,044110875	4,96186149	39,83931317	4,426590352
ENSG000000139567	ACVRL1	0	2,872950001	3,19897733	0,258864062	0,498774364	6,945859461	9,335590179	12,85023318	3,871802547	39,83305153	4,425894569
ENSG000000197417	SHPK	0,039372217	2,445276186	10,93668446	5,778914237	0	6,527487515	4,31529021	3,343820041	3,373830515	40,25580638	4,424581443
ENSG000000005381	MPO	0	0	0	30,63728857	0	0	0	0	9,183944304	39,82123287	4,424581443
ENSG000000197016	ZNFA70	0,015626739	6,57183599	0,028746649	8,931693546	4,048510131	7,291828986	4,281821051	10,55887808	1,72969876	40,1863364	4,424292626
ENSG000000163214	DHX57	0,018924304	11,45102342	4,699726157	2,908354758	0,134922057	7,230667588	6,002462971	6,414196364	0,930978195	39,79125582	4,421250646
ENSG000000167992	VWCE	0,031705953	0	23,03863598	0,566991124	0	0,034811283	0	13,51966862	2,95631017	39,77744398	4,419715998
ENSG000000137216	TMEM63B	2,766091802	2,423882487	0,251281445	4,481595044	0	5,136666443	5,614265703	0	19,06764319	40,17442611	4,415714013
ENSG000000167914	GSDMA	0,19944202	0</									

ENSG00000197928	ZNF677	8,227993204	0,315528669	0,029736853	15,85484227	8,413215851	2,289523363	1,838835632	1,166489166	0,357855948	38,49402096	4,27711344
ENSG00000027714	TYW1B	0,046324516	0,164403434	0	6,23940416	0	4,374098589	12,03930531	0	15,61065209	38,47418553	4,274909504
ENSG00000102870	ZNF629	0,024841455	0,088161105	0	7,506759914	0,059036256	1,881938154	8,43619362	1,520987653	18,94210814	38,46002629	4,273336255
ENSG00000170425	ADORA2B	24,10897776	0	0	0,716011298	0	0	2,508422945	0,259062773	10,85501051	38,44748529	4,27194281
ENSG00000075391	RASAL2	0,028255529	0,869071554	8,437815271	9,18899655	6,088255517	6,266629861	1,95509742	0,88560748	4,714506019	38,4342352	4,270470578
ENSG00000125967	NECAB3	0,069604132	8,275225245	15,10900584	0,42069006	0,082707863	3,247903966	5,374823066	0	5,821079463	38,40101858	4,266677982
ENSG00000102024	PLS3	0,110595685	36,82945744	0,1067816565	1,450647656	0	0,040475866	0,030609986	0,161226918	0	38,38603012	4,265114457
ENSG00000197353	LYPD2	10,4301909	0	14,03939894	0	0	0	0	13,90717877	0	38,37678661	4,264085054
ENSG00000011228	MBTD1	0	0	3,792041548	19,14152273	0	5,034591554	6,462141264	0,091991806	8,828686706	38,35098334	4,261220371
ENSG00000181896	ZNF101	0,046070296	6,580924088	0,042375015	3,341240528	0,054743528	2,756745863	4,70513745	17,42840859	3,371301242	38,3269466	4,258549622
ENSG000000004948	CALCR	0	0,063435533	0,131525952	0,8642275	0,169916036	4,003519949	8,311259276	20,24664135	4,528552589	38,31907819	4,257675354
ENSG00000146243	IRAK1BP1	13,76861692	9,341674933	3,948263499	3,286595903	0,144359189	3,267969285	0,672492735	0	3,859870153	38,28984561	4,254427229
ENSG00000168806	LCMT2	13,81433419	0,192713813	0,479482706	7,801419393	1,342109545	6,367417562	4,851447364	0,332476926	3,098777718	38,28017921	4,253353246
ENSG000000087095	NLK	3,041856738	7,421837704	0	9,082660051	0	4,313883731	2,867742962	0,27715208	11,26224469	38,26737796	4,251930884
ENSG000000263155	MYZAP	8,840957175	0	0	10,44543393	0	0,766330608	4,105072448	13,22755775	0,858413498	38,24376541	4,249307268
ENSG00000144161	ZC3H8	1,88543317	1,836031028	0	13,34055865	0	1,666174386	4,849279417	8,296059592	6,362670041	38,23620539	4,248467265
ENSG00000141577	CEP131	0,076203011	3,921390823	0	5,000266785	0	1,924328424	12,02186741	3,332673399	11,94928471	38,22601457	4,247334952
ENSG00000102962	CCL22	0,207213672	0	0	0	0,123111945	18,88320585	8,430642808	1,01951015	9,556728948	38,22041337	4,246711259
ENSG00000171617	ENC1	0,072982647	0,874164936	19,26594745	6,323221695	0	2,283724432	5,54481303	0	6,552425079	38,21727927	4,246364364
ENSG00000166875	TMEM135	11,88409203	0,026559231	0,798476909	2,73961047	0,071140559	2,432128105	3,902306284	16,33189869	0	38,18621228	4,242912475
ENSG00000051596	THOC3	6,695603044	4,426323199	4,26670873	6,272112045	0	4,516534668	2,97960244	4,880441049	4,144275185	38,18160036	4,24240004
ENSG00000182118	FAM89A	8,367071565	1,227960866	0	4,128030406	0	14,64323158	2,298374108	0	7,50504274	38,16971127	4,24107903
ENSG00000165682	CLEC1B	10,66420649	0	1,59062182	12,37130397	0	1,039766557	2,01709798	10,44425336	0	38,12725018	4,236361131
ENSG00000142635	PEX14	0,773075907	3,566690997	0	1,334933363	17,88238785	5,658614485	3,765821697	3,493680625	1,648025095	38,12323002	4,235914447
ENSG00000102984	ZNF821	6,795978046	4,650316874	0	1,994212034	0	4,389168696	5,974777714	3,982309603	10,32480670	38,11156976	4,234618862
ENSG00000125894	NRSN2	0,051520822	18,19306445	0	3,202747728	0	8,824428901	5,432912432	0,11266605	2,217738929	38,03507421	4,226119356
ENSG000000205577	SAMD4A	7,387903825	7,557329994	2,444032095	2,422814472	0,059016852	0,17722576	4,14454178	11,32220334	2,51969401	38,03476213	4,226084682
ENSG000000077018	AP3M2	0,029073295	0	0,08585118	2,037255219	0	8,115765941	3,018804992	11,74106255	3,997654638	38,02820175	4,22535575
ENSG00000189227	C19orf61	4,866326523	5,926101875	8,542432004	5,766822213	0	3,946094542	3,882159294	1,391010598	3,67703075	37,9979778	4,221997533
ENSG00000165259	HDX	0	0,775831083	0,114899462	0	0	3,200259126	7,519922075	13,24834102	5,84537476	37,94379023	4,215976692
ENSG00000154134	ROBO3	1,796616153	8,219794874	0,039819524	1,270847892	0	4,135827258	6,23667171	8,804015121	7,40084996	37,90390244	4,211544715
ENSG00000104228	TRIM35	0	9,206864791	0,131650532	4,81954251	0	15,55779976	4,872634252	0,234739214	3,080572238	37,90380329	4,211533699
ENSG00000131791	PRKAB2	0	6,678994874	0,050912106	1,273373325	0	1,306621758	4,917701657	0	12,76418422	37,85714787	4,206349763
ENSG00000151548	ANKRD50	0,017175559	0,030477609	2,338091308	16,68804452	0,040818088	3,281250324	13,07755108	0	3,244773345	37,79814184	4,199793538
ENSG00000173933	RBMA	0,733880446	5,6566608	4,176662589	11,04884776	0	2,165474214	4,436877729	2,858517279	17,91296348	37,78984726	4,198871918
ENSG000000234127	TRIM26	0,70714266	4,533358009	7,494094512	5,723042623	0	5,761573603	4,930522528	3,095228985	6,029290876	37,77425238	4,197139311
ENSG00000168395	ING5	0,029459123	1,385274004	0	19,10148805	0,035005122	3,428505923	4,194982345	4,1227824	5,452753992	37,75025096	4,194472329
ENSG00000196911	KPNA5	0,092649032	4,532837524	0	2,856868864	20,50842057	3,560312805	3,593658454	0,144711644	2,457985886	37,74744478	4,194160531
ENSG00000130858	ZNF236	0,474019267	1,65056523	8,389910118	0,201163759	6,579917561	4,793343403	6,579914597	4,109145977	8,280807982	37,73718686	4,193020763
ENSG00000118965	WDR35	11,51263536	0,068438489	0,035474745	5,694216521	7,882620889	6,500069812	4,067057724	0,210843905	1,755059841	37,72641649	4,191824054
ENSG00000117586	TNFSF4	0,076206897	0	0	0	0	9,000952307	9,973039258	0	18,5705036	37,62063586	4,180092874
ENSG00000163251	FZD5	5,431307626	2,133250747	16,15199041	0,111209678	0	5,727556491	4,991006245	0,985811325	2,085789922	37,61792244	4,17976916
ENSG00000165304	MELK	0,048950622	0,086861678	1,710923836	19,27216528	5,35128181	6,180686123	4,877369563	0	0,060202955	37,58842186	4,176491318
ENSG00000104974	LILRA1	5,139528749	4,036706999	0,697468885	3,637231316	6,00698426	2,497678043	3,971668577	4,329641671	7,305369289	37,56827779	4,174253088
ENSG00000184470	TNFRD2	2,045271716	1,078976467	6,169049874	2,959023611	0	4,167489184	7,680295899	5,318541996	8,17977826	37,53144657	4,17016073
ENSG00000122547	EEP1D	0	1,698176061	1,291020092	6,830470097	0	12,46868594	9,085143314	5,510730596	6,872772329	37,51195343	4,167994816
ENSG000000089094	KDM2B	4,555930498	3,894668135	0,061175198	4,632208323	0,052687433	3,419958337	12,2874775	3,732902245	4,867019399	37,50402706	4,167114128
ENSG0000010204371	EHMT2	6,053544606	4,304103994	0,038136932	6,909102771	0	3,823978171	5,198523839	5,349331728	5,36790714	37,41351275	4,157056973
ENSG00000111186	WNT5B	16,53662898	0,126482076	0	0,923119014	0	4,891231624	10,2684462	0	4,646163057	37,39206888	4,15467432
ENSG00000186166	CDC84C	0	1,206665232	0	17,05190403	0	3,7655306	3,314125381	5,560041637	6,472447851	37,37071473	4,152301637
ENSG00000183598	HIST2H3D	19,85394359	0	1,269756567	4,368826549	0	7,266156644	4,579209197	0	37,33789255	37,148654728	4,148654728
ENSG00000181450	ZNF678	10,69554348	6,286222997	0	8,01976254	0,040282394	3,554561991	2,885184303	2,742810768	3,106128078	37,33049655	4,14783295
ENSG00000169556	TMEM185A	3,720636385	7,953804966	4,257547076	0,657649219	0	7,494603407	8,416582953	0	7,456056973	37,2568808	4,139653422
ENSG00000189339	SLC35E2B	0,792002991	5,36603407	0	1,896013514	0	3,675922247	7,428082788	4,526500925	13,57044888	37,25500539	4,139445044
ENSG00000169016	E2F6	0,0371155292	3,626213426	9,909057123	0	0	3,549107493	2,15955821	14,94958456	8,838482386	37,2506726	4,138963622
ENSG00000184508	HDDC3	5,053382735	2,818232372	6,321351381	2,044397852	0	4,502064187	5,778396715	3,157219258	7,564553649	37,23959777	4,137733086
ENSG00000164659	KIAA1324L	0,0061174933	0,033227014	33,5849562	0,129335799	0	1,130741229	0	0	2,279901574	37,21433675	4,134926305
ENSG0000010256229	ZNF486	19,6977739	11,16996864	0,06505502	1,893045685	0	2,64028065	0,557906929	1,159962208	0	37,18399303	4,131556741
ENSG00000110888	CAPRN2	0	0	0,33124416	2,16450859	0	0,869883863	8,253053297	0	4,539863807	37,15855371	4,128728191
ENSG00000160211	G6PD	0	3,423089363	5,427396175	9,666677407	2,247293757	3,197775821	3,831634669	2,89492191	6,46624949	37,15503777	4,12833753
ENSG000000006025	AC003665.1	0,09197235	8,52733993	13,32375703	0,167632349	0	0,984557592	4,028338413	4,675960861	5,203205167	37,15208969	4,128089854
ENSG00000197980	LEKR1	0,053948794	3,494174582	0	0	23,91125371	4,116667291	1,276652789	3,89301704	0,398100368	37,14381458	4,127090508
ENSG00000176694	MKRA7	1,74665994	13,99077304	7,987761297	2,649658379	0,077588321	3,710002093	3,90358168	1,427825721	1,646283489	37,14010896	4,126678773
ENSG00000142102	PGHG7	0	0,105695855	0,092148192	0	0	4,699748275	1,598196244	6,470486778	11,55337657	37,11224779	4,123583087
ENSG00000166192	SENPB	0	4,305772783	30,68828873	0	0	0	2,039963246	0,066325686	0	37,10035044	4,12226116
ENSG00000144559	TAMM41	0	2,353313756	6,709055553	13,52017506	0	4,956315962	2,7105827	3,569251025	3,26		

ENSG000000089692	LAG3	10,38390702	0	5,912534828	0	0	5,809041789	10,18214736	3,568174322	0	35,85580532	3,983978368
ENSG000000118676	BCR	12,14894925	1,212039067	6,304980855	1,95874991	0,115947225	6,334304085	3,473752835	4,267457487	0	35,85219147	3,983576831
ENSG000000011664	LPCAT3	0,418588838	4,285243982	12,02428299	0,05560089	0	3,853452559	6,282874072	4,083785407	4,831296765	35,83512551	3,981680612
ENSG000000109944	JHY	6,78060253	0,057295299	0	0	0	9,394509151	7,6944413	3,036044103	8,855507365	35,81839975	3,979822194
ENSG000000108641	BSD1	0	0	0	5,906082054	27,02929962	0,588174938	0,102648213	2,162647838	0	35,778885266	3,976539184
ENSG000000114204	VDR	0	15,50063025	0,930846295	3,173160601	0,063291777	6,900757156	4,887018571	0	4,32353559	35,77920424	3,975471138
ENSG000000127080	IPPK	0,030023956	6,180105704	15,29912327	0	0	3,889816819	7,329282259	0	3,732898833	35,75625084	3,97291676
ENSG000000198131	ZNFS44	0	11,74236031	0,038522741	0,216963671	0,049766843	3,701718798	5,477155568	1,007422462	13,52126167	35,75517207	3,972796896
ENSG000000008601	MAST2	0,172675868	0,987318182	8,047163861	4,008777543	0	7,014756481	13,33401065	0	2,170883704	35,73558629	3,970620699
ENSG000000136982	DSCC1	0	0	0	25,39053633	0,144397886	1,801200471	8,374778895	0	0	35,71091358	3,967879287
ENSG000000012232	EXTL3	12,2191528	0,20283056	0	0,256592638	0,027164716	1,204796926	12,13892244	7,323549794	2,333625015	35,70663489	3,967403876
ENSG000000184208	C22orf46	0,028292561	0,853475754	14,41686714	0,097710157	5,311792894	6,896114591	3,288866467	1,917893951	3,552328677	35,6643042	3,962700466
ENSG000000197312	DDI2	0,012408488	3,302783709	0,365222662	7,949324649	0,08467123	4,741080694	5,780001335	2,496303187	10,91150135	35,6470932	3,960788133
ENSG000000110080	ST3GAL4	0	0,120108399	25,33883545	1,285681846	0	1,412004908	7,474828289	0	0	35,63145889	3,959050988
ENSG000000157216	SSBP3	3,266786777	4,257850776	4,414070828	12,67983232	2,061129954	0,761785698	3,024538326	3,729795195	1,422204112	35,61799399	3,957554888
ENSG000000121104	FAM117A	8,112251688	5,786222107	0	1,854011662	0	1,964730514	10,16970059	4,173910327	3,521302527	35,58212942	3,953569935
ENSG000000179170	ZNFS7	19,50652805	0	0	1,122783884	0	4,854526341	6,154740898	0	3,918450771	35,55702995	3,950781105
ENSG000000196471	ZNIF765	13,68391528	0,065156812	1,148305933	0,042270367	0,145438823	3,144587312	3,851713578	0,13382252	13,38711475	35,55232537	3,950258337
ENSG000000150457	LATS2	0	0,238858008	10,05344024	0	0,127959217	2,7784775	5,118957069	16,89554977	0,331100164	35,54443418	3,949371331
ENSG000000006500	UHRF1BP1	0	0,027063181	1,655311449	0,869080961	0,07249042	4,052317275	17,93156945	0,100050038	10,82291515	35,53079873	3,947866526
ENSG000000168528	SENRIN2	0,218873944	3,728509851	0,322109037	7,181003067	0,208063466	8,170567219	5,524765488	0	10,17525861	35,52915068	3,947683409
ENSG000000138378	STAT4	0,065614664	0,058215805	21,60592172	2,662601782	0,077967334	2,017149869	5,175719297	0,143480055	3,712088591	35,51875912	3,946528791
ENSG000000163472	TMEFM79	0	14,8574723	0,091682091	0	0,355327384	3,775669457	7,117710129	0,108982377	9,19425407	35,50109781	3,944566423
ENSG000000158636	EMSY	0,153893478	2,025344819	13,47081698	1,439427425	0,213343189	3,773575028	3,631111195	3,000636402	7,75807136	35,48395566	3,94266174
ENSG000000170448	NFXL1	0,03623496	7,458833336	0	3,94828177	0,319641782	0,443018896	18,34312597	0,140755882	4,755752128	35,44883473	3,938759414
ENSG000000204048	BAG6	2,703484786	5,150750284	0,157050903	3,451043378	3,405697337	4,371376915	5,911729551	6,01987352	5,43535038	3,9372782	3,9372782
ENSG000000170604	IRF2BP1	2,92202761	1,693082873	10,75061156	0	1,84235519	4,779586464	4,010693328	4,955214509	4,47381131	35,42738285	3,936375872
ENSG000000186453	FAM228A	0	0	24,12979377	10,98191914	0,314877284	0	0	0	0	35,4265902	3,9362878
ENSG000000178104	PDE4DIP	4,928886224	2,203534519	0,181140419	3,219582783	3,055157747	2,955073806	3,565659437	5,538544139	3,760931324	35,4085104	3,934278933
ENSG000000186806	VSIG10L	27,00835975	1,137701406	0	1,245513005	0	2,947761506	0,299451866	0	2,75985289	35,39864043	3,93318227
ENSG000000148835	TAF5	13,67831186	0	0	0,48039578	0	0,559992741	2,733474554	8,821051664	9,12410051	35,39732711	3,933036345
ENSG000000198039	AC092161.1	1,589350662	0,061983819	0,064257998	12,03340902	0,041506882	2,761341082	1,11664535	9,242390168	8,441710963	35,35259569	3,928666288
ENSG000000106804	C5	20,6322714	0	0,042550145	2,61827066	0	1,90468288	1,67088916	1,669116903	6,912705482	35,34850303	3,927611448
ENSG000000145990	GFOD1	2,361544572	0,050185664	10,74356924	7,691794591	2,453264139	3,663367358	2,504697732	1,948759791	35,34435315	3,92715035	3,92715035
ENSG000000146555	SDK1	9,245629629	0,853119432	5,737393134	0,383164427	0	4,209348128	4,288796631	1,994791808	8,596425039	35,30868623	3,923185359
ENSG000000163380	LMOD3	0,945159356	3,13543031	2,145309464	0,770684999	15,2011869	1,823619529	1,085688093	2,704671957	3,713493008	35,30225123	3,922472359
ENSG000000140939	AC074143.1	0,05050487	1,971632354	16,63049389	7,325714528	0,480103666	1,996250254	3,899980239	2,871423381	0,062114479	35,28821766	3,920913073
ENSG000000119778	ATAD2B	0,129511012	0,408558423	0,767681447	4,47896434	0	3,491690073	5,74718881	13,02732235	7,256173139	35,27602159	3,919557954
ENSG000000106351	AGF2G	0,055079486	0	11,70282538	0,427969131	0,17068869	3,870339679	3,109889767	5,480143183	8,74027498	35,22196981	3,913552201
ENSG000000168004	CEP295	2,206227121	1,560284596	5,764293208	6,018178636	6,990862018	5,090358363	2,654894879	2,13251255	2,792032054	35,20963487	3,912181653
ENSG000000105088	OLFM2	0,060444228	0	0,444768158	0	0	13,20648191	8,78292324	0	12,71190212	35,20651966	3,911835517
ENSG000000122484	RPAP2	3,288480861	3,318744839	0,048917192	0,23096213	0,06319525	5,128746711	4,018465584	4,787502239	35,244596197	35,202611	3,911401223
ENSG000000183779	ZNIF703	9,70438948	0,323452352	1,425109072	2,045931646	12,2372083	2,451633974	3,216217799	1,49472814	6,297861102	35,19909387	3,91101043
ENSG000000221968	FADS3	5,954150226	0,639041945	0,088331776	0,041457733	0,285285623	6,089187038	5,561840265	2,834996289	13,70079224	35,19508313	3,910564793
ENSG000000010803	SCMH1	0,101941019	5,366457839	0,125019159	5,23200951	0,403775064	7,573610765	3,188249947	0,148610105	15,75371921	35,18613091	3,909570101
ENSG000000105229	PIAS4	0	2,940814962	18,60496725	4,91637888	0	1,679634635	3,387275555	0,092923107	3,553870505	35,1758649	3,908429433
ENSG000000135914	HTR2B	0	12,60390968	0	0	0	12,84468981	9,713832155	0	0	35,16243165	3,90693685
ENSG000000125459	MSTO1	0,32319276	2,48515637	3,963594567	2,852426053	1,792174047	4,888998884	3,637685481	9,423038998	5,785621297	35,15188946	3,905765495
ENSG000000160539	PLPP7	10,63229124	4,624200967	0	0,059998844	0	1,373368766	6,924092821	0	11,49522062	35,10917327	3,901019252
ENSG000000106003	LFNG	13,13439556	6,153574299	3,349157819	3,592908428	0	0,809087723	5,290917614	0,189578065	2,558988258	35,07860777	3,897623085
ENSG000000203326	ZNFS25	0,021008004	13,53198193	0	0,428043522	0	2,952391744	3,017707137	5,145095449	3,571052604	35,05130339	3,894589266
ENSG000000133247	KMT5C	0	11,93172535	0,218538505	19,44757585	0,660029514	0,709317204	1,383729345	0,661514003	35,03961177	3,893329137	3,893329137
ENSG000000006607	PARP2	0,010514966	3,153294692	0	8,663365138	2,249013904	5,345520645	3,518512546	10,16297257	3,724431036	35,02735555	3,891928389
ENSG000000167904	E4F1	0	6,086504385	0,087031966	2,532556109	0	3,947778281	10,05648246	4,086463812	8,204254348	35,00106237	3,88900693
ENSG000000168016	C2CD3	1,73096191	0	2,874664933	2,705734559	0,057134284	5,345142277	7,116406548	13,56329941	3,60723502	35,00057894	3,888953215
ENSG000000137265	IRF4	6,327287285	7,295140285	0	0,310584054	0,122128054	2,59543837	9,344670195	2,921713571	6,035824818	34,99778663	3,888642959
ENSG000000130382	MLL1T	1,744193385	0,056273242	0,641716913	4,545142265	3,617553417	4,656779395	6,688240153	6,7181039	7,059437677	34,98114682	3,886794091
ENSG000000112195	TREML2	0	0	6,095732686	1,654541451	6,112945369	2,805357175	11,90062066	0,349204209	10,55667167	34,97507331	3,886119257
ENSG000000130517	PGPEP1	0,281734983	2,249693169	0	4,239454908	5,260704439	9,633374809	10,32636372	0,132015459	7,57349969	34,96216141	3,884684601
ENSG000000187790	FANCM	0,035647693	0,031627978	0,032788405	0,954114675	0,084717514	8,219207622	6,215798471	15,59021314	3,792338804	34,9564543	3,884050478
ENSG000000258823	MTRNR2L8	0,579853622	0,205788181	6,186817245	1,051542747	3,858515421	2,291934291	2,985096157	5,832689987	0,998408024	34,95453045	3,883836716
ENSG000000173818	ENDOV	2,500105953	7,504870539	7,090351346	0,071952289	0,099025932	9,676020122	2,248882278	1,50342489	4,253484447	34,94811718	3,88331242
ENSG000000159110	IFNAR2	1,768524234	4,939763764	0	7,578085522	0	2,87646323	4,677264218	10,38426794	6,68702789	34,927585479	3,875883866
ENSG000000249141	AL159163.1	0	2,234516667	0	13,16764322	0	4,147764418	7,73733714	3,855069954	3,716930445	34,85926184	3,873251316
ENSG000000171466	ZNFS62	0,185668033	0,061774382	0,064040877	14,02860745	0						

ENSG00000159403	C1R	0,025720948	25,51342605	0	0,266486783	1,161401414	1,242564319	0,961049351	4,555778718	0	33,72642758	3,747380843
ENSG00000180376	CCDC66	0	6,278926731	0,059993547	4,477032585	0	2,058888132	4,887751144	6,453939432	5,905908229	33,7224398	3,746937756
ENSG00000135094	SDS	0,402291037	0	23,58899342	0	0	4,251285992	3,799600736	0	1,669835641	33,71200683	3,745778537
ENSG00000124523	SIRT5	6,107588764	7,293858001	0,042720163	2,005032846	0,220757672	1,733812696	1,118377018	6,957015752	8,225572217	33,70477113	3,74497457
ENSG00000116885	OSCP1	18,97012186	0,096177188	0,099705918	7,019412875	0	0	0,405033353	7,111217378	0	33,70166857	3,744629841
ENSG00000137128	FRS3	0	2,157895732	8,851010849	0	0	7,778872386	3,643819999	9,249393073	2,015830018	33,69682206	3,74409134
ENSG00000198824	CHAMP1	4,38664702	4,584440251	1,098026785	4,507692348	3,197840983	2,570653637	5,184170441	5,178671762	3,749229094	33,68063532	3,742292813
ENSG00000133704	DNAJB5	10,69650449	0	0	2,258985521	0	4,731450838	5,260765915	7,572341982	3,154753391	33,67480214	3,741644682
ENSG00000133131	MORC4	0,050211188	0,0222746303	0,046183368	0	0	7,525101751	1,334125477	16,744067683	7,50037729	33,67247385	3,741385983
ENSG00000101546	RBFA	0	0,168748899	4,828351625	8,670463599	0,045200446	5,074420408	6,459076877	3,535171585	4,888851247	33,67028468	3,741142743
ENSG000000065883	CDK13	0,153455369	1,949687953	2,156722679	9,984594446	0,452215607	5,980606994	6,223059362	1,409360256	5,314645856	33,64180847	3,737978719
ENSG00000183691	NOG	0,239604499	0,141724102	0,734619712	29,92753144	1,51846741	0,08769058	0,066316243	0,873241457	0	33,58919544	3,732132827
ENSG000000254901	BORCS8	3,178610291	1,796930753	0,051746109	4,614449476	7,353486534	5,126797419	2,756049735	2,767973853	5,915814465	33,56185864	3,729095404
ENSG00000100360	IFT27	3,377299557	4,218490699	3,054344951	3,681564756	0,044839249	4,205249978	7,974079035	1,361510891	5,615539816	33,53291893	3,725879881
ENSG00000138050	THUMP2	0,039526699	0,070139158	0,727125553	1,365079647	8,36030899	4,339800594	12,27462835	5,074598864	0,631965679	33,51317353	3,723689549
ENSG00000198848	CES1	5,453769319	14,242476	9,938001496	0	0	3,558858132	0	0,225015027	0	33,41811997	3,713124442
ENSG000000214413	BBIP1	2,23695184	6,001757226	6,419483574	0,370821849	0	3,752832798	4,160551037	7,356904156	3,103311184	33,40261367	3,711401518
ENSG00000121413	ZSCAN18	9,222710886	3,26018322	0,066926712	8,700973632	0	1,418039117	3,473958873	1,909336613	5,279857862	33,33198691	3,703554102
ENSG00000130921	C12orf65	5,136480611	0	0,313658786	4,011553206	0,253256377	4,188715547	5,39752486	8,901692863	5,11434675	33,31431692	3,701590769
ENSG00000162543	UBXN10	10,84952334	12,72734413	0,099956886	0	0	1,96873392	0,879781184	2,614009524	4,109874549	33,29422353	3,69935817
ENSG00000132199	ENOSF1	5,333314259	7,274440564	0,048811255	7,537103305	0,031529196	2,170384191	4,406332994	6,237351362	0,24474959	33,28401672	3,69822408
ENSG00000184454	NCPAP	4,665256403	0	0	28,44732478	0,086617835	0,400017023	0,030262984	0	0	33,26947902	3,69660878
ENSG00000117245	KIF17	0,033805497	2,159532887	11,69133302	2,310609307	0	3,15489911	1,487679552	2,069836217	9,437843525	33,24553912	3,693948791
ENSG000000213366	GSTM2	4,077797322	2,853200308	4,848490099	1,688806878	11,9364431	2,001992479	1,624122332	1,848635689	2,36487457	33,24436278	3,693818087
ENSG00000276043	UHRF1	0,029370373	2,345265307	1,242670996	11,66473161	0,767792608	5,25625345	4,633501085	0	7,296598153	33,23618359	3,692909287
ENSG00000184205	TSPYL2	0	0,224721179	0,050339273	0	0	2,615405211	6,161942336	17,96420749	2,77943465	33,22625014	3,691805571
ENSG00000183814	LIN9	0,136074354	3,380448448	0	0,117485356	0,161691825	2,128974082	8,247937178	19,04350502	0	33,21611626	3,690679584
ENSG00000177469	CAVIN1	0,042327891	0	2,647429514	20,10003306	0	0	10,33285087	0,092558702	0	33,21520004	3,690577782
ENSG00000121897	LIAS	5,073503608	2,650572817	0,26056933	5,381019502	0,030602262	2,163128951	1,582412368	11,20689884	4,846104458	33,19481213	3,688312459
ENSG000000005266	SPPL2B	5,316061321	0,578281709	1,835965069	0,368682965	15,15080075	2,795366234	3,027252922	2,2714872	3,165705554	33,16570364	3,685078183
ENSG000000235194	PPP1R3E	8,797533224	3,818171955	0	4,185871078	0	4,6053044	0,655847085	9,708153299	1,373415579	33,14429622	3,68269958
ENSG00000133216	EPHB2	5,602053754	2,420904922	1,732378373	1,480215979	0,028692677	5,983098774	11,087423057	2,212458598	33,14141801	3,682327978	3,682327978
ENSG00000169469	SPRR1B	0	0	0	27,82182282	2,900787903	2,412270097	0	0	0	33,13488082	3,681653424
ENSG00000100916	BRMS1L	0,89645167	13,3483121	0	0	0	3,937006205	6,990351228	0,34091779	7,621768646	33,13094764	3,681645293
ENSG00000173486	FKBP2	2,389729636	3,957815499	0,146536689	5,502055342	2,839622106	3,148542021	5,952730564	4,180511134	4,996409608	33,10964124	3,679326904
ENSG00000106013	PCSK7	6,138464647	0,613157064	7,789874092	4,399029299	0,01610176	2,90589513	3,887369386	0,96302561	5,099675961	33,13999119	3,678854577
ENSG00000079974	RABL2B	9,267428525	2,23832334	6,393068716	0,444522955	0	3,815660623	2,821479357	3,377525392	4,717398947	33,07540785	3,675045317
ENSG000000143412	ANXA9	0,18959921	25,23293602	0	0,227396455	0	0,104084427	1,416854439	0	5,712973395	33,98384394	3,664871549
ENSG00000138835	RGS3	4,940974942	5,054514611	0,060461125	4,388959519	0,026036217	3,716839571	4,011630277	1,820708122	8,960192657	33,98031671	3,664479635
ENSG00000186272	ZNF17	0,040167616	3,991481128	0	21,43245804	0,095459208	2,954813567	4,068947502	0	0,95207916	33,97853498	3,664281664
ENSG00000156869	FRS1	0	0	0	18,78890039	0	1,131780084	10,39774353	2,170616159	0,46954654	33,95858671	3,66206519
ENSG000000251247	ZNF345	0,031886594	0,735665731	0,058657966	2,202447559	0	3,115855946	0,05295224	18,68674068	9,03632116	33,92346883	3,658163204
ENSG00000108773	KAT2A	0,04002929	0,071030993	0	0,967705866	0	2,94463805	7,910447421	16,01841745	4,932086683	33,97535575	3,652817305
ENSG00000148516	ZEB1	0,17476943	8,245753991	0	14,53996043	0,041516479	1,764598041	6,440326868	0,343804752	1,460990002	33,85442	3,650491111
ENSG00000156504	FAM122B	0,651930255	3,044300637	0	3,851220107	0,815434928	2,177392558	1,737895153	1,575641671	10,8318881	33,847987567	3,645175031
ENSG00000107829	FBXW4	0,212874622	5,774037836	8,615201297	0,402100583	0,794987516	3,005021514	3,282580632	5,053939853	5,647579968	33,80632382	3,645147091
ENSG00000141570	CXB8	6,777080139	8,060511033	0	0,263256964	3,30823433	4,786268758	3,467543721	0	6,307518332	33,77041328	3,641157031
ENSG00000163449	TMEM169	0	0	4,367383033	0	0,09898499	3,338332993	24,55455781	0	0,4098049	33,76906372	3,64100708
ENSG00000188747	NOXA1	0	4,634158524	0	0	0	13,44686438	5,234161645	2,363060078	7,088305975	33,7665506	3,640727845
ENSG00000173137	ADCK5	0	4,204998543	0,101378592	0	0	9,86266315	5,353766902	3,13322347	10,09888104	33,7549123	3,6394347
ENSG00000185189	NRBP2	12,55681678	0	0	8,461612472	0	1,34503913	2,517544156	0	7,872298977	33,75331151	3,639256835
ENSG00000181827	RFK7	0,014271871	0	5,434631705	8,4363031383	0	9,464486997	3,70912485	0,749001664	4,914717249	33,73296572	3,637696191
ENSG00000108984	MAP2K6	0,018140525	0,064379832	2,436080099	13,26502182	0,129334049	1,951889138	2,018370287	5,767590924	5,27643487	33,73724155	3,637471283
ENSG00000140265	ZSCAN29	4,168410376	0,08083871	1,298972425	0,629327645	0,054132882	1,225447431	0,978347808	12,95040512	3,249652706	33,72355318	3,637281687
ENSG000000087299	L2GHDH	11,3332928	0	0	1,75017361	0	6,955092773	0,707683275	17,454928218	4,532842887	33,72401068	3,6371112298
ENSG00000131370	SH3BP5	0	0,174269064	9,816021693	0	9,335811326	3,055112439	0,842630046	8,446984718	1,046795836	33,71762458	3,63529162
ENSG00000173571	PEAK1	1,349647836	1,840538042	0,057471903	11,46931351	0,980059452	3,889815456	2,879425829	9,632664989	0,586669932	33,66760402	3,632973378
ENSG00000176896	TCEANC	0,144437556	0	0,299294561	0,137303591	0	10,49826054	11,8250571	4,421796927	5,258131389	33,58428166	3,62047574
ENSG00000100324	TAB1	2,9402577	5,036385157	4,969546915	9,565844283	0	1,65197225	4,429366778	0,07477557	8,311230272	33,575994729	3,619994144
ENSG00000158169	FANCC	0,165161058	7,431525492	0,043403872	12,85424069	0,11214538	2,623898263	8,071477365	0,180579434	1,059161225	33,54708378	3,616342642
ENSG00000174791	RIN1	0	2,094469779	10,95997415	9,988942138	0,13357543	3,500195239	1,542780144	3,500195239	3,527575924	33,53759294	3,615306582
ENSG000000092969	TGFBR2	0	0	17,76945612	0,118716543	6,828385719	4,666252017	0	3,13328021	32,51609061	33,612898957	3,612898957
ENSG00000141258	SCSM2	0	1,920984547	0,96728312	1,682417705	0	4,227994432	4,776887064	3,550878067	15,38735406	33,52179928	3,612644333
ENSG00000152433	ZNF647	21,93813778	10,2206592	0	0,219395999	0	0,092999202	0	0	0	33,47119218	3,607910242
ENSG00000146410	MTFR2	0,431744488	1,641685715	0	0	0	19,02892737	6,145485649	0,134871252	5,082333466	33,46504794	3,607227549
ENSG00000148604	RGR	0	0	0	0	32,40923187	0	0</				

ENSG00000198420	TCAF1	4,190863687	5,269351507	0	3,432266702	0	3,681058754	3,519532292	4,60827923	6,68576237	31,38711454	3,487457171
ENSG00000103995	CEP152	0,129549785	7,454774528	2,689580872	2,268999779	0,043982553	1,259823118	0,384171255	9,186607082	7,943715404	31,36120438	3,484578264
ENSG00000103264	FBXO31	0,021868389	0,620878727	7,804361679	0,037761936	0	4,033715902	8,025743378	0,047819764	10,70432936	31,29647913	3,47738657
ENSG00000021477	MS4A4E	0,26225368	8,190383897	0,385949461	7,789103719	0,498601239	2,188338047	1,742038625	4,817164816	5,418642093	31,29247558	3,476941731
ENSG00000101287	NDUFAF5	0,253328702	6,742883489	0,737862794	4,379443374	0,652211239	1,761554042	3,943954275	3,464874942	9,165105108	31,27820836	3,475366445
ENSG00000144893	MED12L	1,84412615	2,63488454	7,908301413	9,635921877	0,40956245	1,235881841	1,740019661	0,340411235	1,855666995	31,26477626	3,473860429
ENSG00000239388	ASB14	0	0,165929456	14,10542581	0,322939325	0	2,053348722	0,543497725	10,73503391	3,335117046	31,261292	3,473476888
ENSG00000112144	ICK	0	4,112738778	0,133238584	11,67307763	0,057376185	3,976128216	5,83349842	3,959513111	1,484634305	31,23020523	3,470022803
ENSG00000189288	ZKSCAN3	0	8,372460452	0	13,25315025	0,14950772	2,486586495	6,9473581	0	0	31,20906302	3,467673669
ENSG00000171224	FAM241B	0,111933756	0	0	0	0	1,966347576	20,16819411	0	8,948165887	31,19464133	3,466071258
ENSG00000101966	XIAP	0,033487107	4,248676566	1,016436927	8,095489517	0,039791417	3,180335709	5,783452422	2,63615389	6,15713132	31,19095488	3,465661653
ENSG00000111642	CHD4	2,365374307	1,645172344	1,508741196	11,53507872	3,502759007	3,11906142	3,483916243	1,013682697	3,011435821	31,18522175	3,465024639
ENSG00000154760	SLFN13	1,03668608	0,201199914	0,029797417	10,01336916	0,038494752	5,851064394	4,613176533	1,452226098	7,928707886	31,16470424	3,462744915
ENSG00000129968	ABHD17A	4,578362297	2,227600913	3,079108443	1,912701394	2,632397688	3,972773216	4,496411963	4,359863165	3,905229088	31,16444817	3,462716463
ENSG00000169519	METTL15	13,5995826	0	10,68604392	0,100643472	0,046170936	3,11428956	0,887229141	0,169932922	2,556644109	31,16051686	3,462279651
ENSG00000130363	RSPH3	0,046063274	8,132945895	0	8,312057566	0	3,818396141	1,109172269	7,050882404	2,662638789	31,13215634	3,459128482
ENSG00000111266	DUSP16	0,369592591	0	6,993210037	0,319102869	0,062738914	5,130358504	8,504977082	4,618232949	5,129935451	31,12811844	3,458683155
ENSG00000170271	FAXDC2	0	5,883023097	2,246952301	0	0,051835673	7,854888735	5,433184122	0	9,65715185	31,12703578	3,458559531
ENSG00000183508	TENT5C	6,280683429	0,094850371	0,540817313	4,753502367	0,762187922	10,32906314	1,952845634	0	6,409634216	31,112358439	3,458176043
ENSG00000102595	UGGT2	0	5,32644812	8,985908197	2,092630888	0,26584889	2,620179373	8,405970423	0,326153799	3,095531216	31,11867091	3,457301011
ENSG00000150636	CCDC102B	1,067275348	1,662896125	0	0,494450426	0	5,030191473	5,122561358	10,98602438	6,755144909	31,11854402	3,457616002
ENSG00000155085	AOK9	0,04764406	2,150871658	21,49955014	2,273943134	0,106689704	1,708724498	1,006446513	0,261872189	2,061280501	31,08425274	3,453805086
ENSG00000119509	INVS	0,084762626	0	0,038981924	0	0	6,514508691	3,923697102	0,973092963	19,54633175	31,08137505	3,453486117
ENSG00000189195	BTBD8	4,037221577	15,88528184	0,080726034	0,416768509	0	0,048180798	0,382587044	0,047979464	10,17339029	31,07213555	3,452459506
ENSG00000158089	GALNT14	0,034786043	0	24,82879337	5,466179256	0,165339568	0	0	0,532468226	0,042782349	31,07304881	3,452260979
ENSG00000235942	LCE6A	0	0	0	0	0	0	0	0	31,04401192	31,04401192	3,449334657
ENSG00000101670	LIPG	0	1,946175415	0,021237688	0,15948352	0,054873182	12,48543953	1,514578077	0	14,85181926	31,03360668	3,44817852
ENSG00000163710	PCOLCE2	0	7,969122561	0	0,147712977	22,87049166	0	0,035513822	0	0	31,02284102	3,446982335
ENSG00000167637	ZNF283	0,230863372	13,48158389	0,386083471	0,579855499	1,047426165	3,548642891	1,097865405	9,086950607	1,548721019	31,00799232	3,44533248
ENSG00000170837	GPB27	0	0	24,65127972	0	0	0,067801625	6,153019959	0,135036063	0	31,00713791	3,445237545
ENSG00000160111	CPAMD8	17,20162492	0,078873027	0	0,307012422	0,035211054	0,894703571	0,012302219	12,31151443	0,163998304	31,00523994	3,44502666
ENSG00000276410	HIST1H2BB	0,396615671	0	0	7,533555697	0	21,33758073	0	1,734564659	0	31,00231676	3,444701862
ENSG00000235453	SMIM27	4,30390703	1,471382807	6,24674397	4,363689149	0	3,641622274	3,016271373	5,612293412	2,282410908	30,98382075	3,437591195
ENSG00000163626	COX18	0,021661492	2,421580563	0,039848065	0,283832687	0	5,826847949	7,769951752	0	14,57254124	30,91426375	3,434918194
ENSG00000196369	SRGAP2B	1,003223706	0,556311204	3,806366501	4,40305213	9,437390463	3,235600459	2,082495137	3,427744476	2,956060515	30,90824909	3,434249899
ENSG00000134897	BIWM	0,419062444	0,269760563	16,22016674	6,56275087	0,090321313	1,230976361	2,556110888	0	9,220927272	30,87717645	3,430797384
ENSG00000179604	CDC42EP4	7,716417398	7,927290885	0	0	0	4,904943657	4,798844619	0,136627896	5,379059979	30,86318443	3,429242715
ENSG00000198794	SCAMP5	0,03107992	5,184152202	0,343044137	0,053668238	0	2,79816275	22,3998865	0	0,038224295	30,84821805	3,427579783
ENSG00000157823	AF3S2	3,976263194	2,960970446	6,500346582	9,03964403	0,038878158	5,101071218	4,659123512	9,229416306	1,063489896	30,83638378	3,426264865
ENSG00000175137	SH3BP5L	0,118125353	0,140535639	6,264750658	2,324892331	0,062738914	4,173850986	5,238890522	1,905021092	2,013012645	30,83551814	3,426168682
ENSG00000200519	ZBTB10	8,0474374678	7,589457912	0,163261609	4,9402404581	0,421829533	2,53348179	3,635397247	0,485172133	11,04236872	30,81536822	3,423929802
ENSG00000099949	LZTR1	4,853803445	3,451184109	5,040042086	1,606202977	0	3,100958736	4,198727394	3,62424036	4,929560803	30,80471991	3,422746657
ENSG00000097046	CDC7	0	0,074504585	0,386197046	10,29529491	0	9,173716244	3,62570562	0	7,717734536	30,77314665	3,414794072
ENSG00000114631	PODXL2	0	0,862985747	0,127806942	4,139641239	0	4,65312422	4,788063244	18,83856845	0	30,71018984	3,412243316
ENSG00000114670	NEK11	0,084655782	0	28,75835198	0	0	1,611083098	0,210874508	0	0,034705233	30,6996706	3,411074511
ENSG00000104450	SPAG1	0,029893288	10,76811593	5,93904069	0	0	4,323283012	6,676858419	0,065367867	2,87661471	30,67932068	3,408813408
ENSG00000112031	MTRF1L	1,265799950	0,686423552	0	6,193941682	7,354513318	2,187198668	2,686355724	4,690832818	3,095333754	30,67579452	3,407310502
ENSG00000115137	DNAJC27	0	0,143034495	16,95362268	0	0,319272353	0,32450504	5,688999762	3,760279573	3,469751927	30,65946583	3,406607314
ENSG00000202568	PDE7A	5,718797354	2,63627825	0	0,210856545	0,822221982	3,843315716	8,466078967	1,913627798	7,033383537	30,64565015	3,404951128
ENSG00000188559	RALGAP2A	0,051887912	0,230184565	0,23863001	2,419175569	0,030828186	5,981838975	1,76642926	9,55931404	10,35405554	30,63234414	3,403593794
ENSG00000129566	TEP1	0,026510626	2,634377545	0,024384219	11,94807515	1,449070785	4,657138995	3,037702775	0,144829742	6,700256198	30,62244374	3,402483749
ENSG00000104973	MED25	5,720460006	0,244177703	2,350553718	6,313764183	0	6,841895774	5,647552345	2,23528002	1,257189952	30,6108737	3,401208189
ENSG00000185198	PRSS57	0,138633551	0	0,76508219	29,68434573	0	0	0	0	0	30,58806213	3,39867357
ENSG00000119481	NBP1	4,368001265	2,612913365	0	3,955646925	5,6167254	4,170860387	3,667942067	1,867014834	4,276357088	30,57546133	3,397273481
ENSG00000103064	SLC7A6	0	0,671415129	6,191175109	5,196176883	0	5,992097237	5,919659839	1,611238666	4,996400968	30,53903892	3,393226547
ENSG00000214300	SPYVE3	0,32921693	0,843826192	6,930997384	8,148296229	0	3,293310891	6,104947163	3,039582078	1,844518861	30,53469573	3,39274397
ENSG00000166407	LMO1	9,837696976	0,31453607	0	0	0	0	0	0	20,34934287	30,50157591	3,38906399
ENSG00000099913	PCSK5	13,178316559	0,232157576	0,371952907	4,444019046	1,441558021	5,850290308	5,431616104	1,300411521	0,234045207	30,48436728	3,38715192
ENSG000002023171	GRAMD1B	8,736585468	2,314662608	0,09300726	2,668812638	0	6,505861747	2,392869688	0,287448771	5,362982153	30,41994132	3,37999348
ENSG00000114727	IGF1	0	0,495214233	0,034225572	8,385130309	8,931512381	0,404460524	2,332679159	3,336079111	2,860233352	30,41968064	3,379964516
ENSG00000187231	SESTD1	4,23984065	4,655161422	0,048747058	2,287898921	0,062975457	6,357117231	3,366411363	0,144863905	9,25566196	30,41867887	3,379853207
ENSG00000090006	LTBP4	4,15609981	1,058281204	6,582656513	5,006444762	0	3,192162058	6,391125693	0	3,598856142	30,38562618	3,376180687
ENSG000002278570	NR2E3	2,045988505	0,16531566	0,085690536	0,468436182	26,1256905	0,716013586	1,160329827	0	0	30,38306406	3,375896089
ENSG00000213380	COG8	1,338697673	4,858948995	5,65555206	1,330943495	0	5,723358149	7,61248197	1,596730796	3,687038762	30,38180127	3,375755697
ENSG00000169359	SLC33A1	1,941560121	0,854635857	6,617255344	3,690514581	0,178843398	4,990537267	3,33671102	3,225357322	5,534672327	30,37008725	3,374454139
ENSG000001												

ENSG000000064547	LPAR2	8,584096283	11,71712942	0	0,789383116	0	2,955717837	1,686996061	0,111070443	3,435818059	29,28021121	3,253356802
ENSG000000176170	SPHK1	0,034218879	1,821616848	0	8,272395028	1,057184794	6,123963769	6,676976454	0	5,176431667	29,16278744	3,240309715
ENSG000000180357	NFKB1	1,858939484	2,98870294	5,32458578	8,014185151	0	3,246433841	3,718943955	1,282234534	2,715887916	29,1499136	3,238879289
ENSG000000167395	ZNF646	0,05249933	0,031052924	3,315801991	2,568555048	8,400896764	4,419158384	4,446314023	1,301074151	4,605808427	29,14116104	3,237906782
ENSG000000176531	PHLD3	0,663784628	0	0	9,857416128	12,14673875	2,623668246	0,578712271	0,725751301	2,530745526	29,12681685	3,236312983
ENSG000000177542	SLC25A22	0	0	6,836072075	4,656510972	0	6,715857947	3,768205836	0,071911767	7,077941545	29,12650014	3,236277794
ENSG000000273611	ZNHTF3	1,785215356	4,651483776	6,277104075	0	1,557411205	3,920124289	2,47675846	5,089690512	2,476587563	29,12064534	3,23562726
ENSG000000169224	GC5AML	0	0	14,43358206	14,66365349	0	0	0	0	0	29,09723555	3,233026172
ENSG000000143545	RAB13	4,229557958	5,068478373	1,111516208	7,208672508	1,044325823	2,894841033	1,550705666	4,083887785	1,891567657	29,08355301	3,23150589
ENSG000000197776	KLHDC1	0,100606239	12,85367777	0,092536651	0	0,836825165	0	3,717330076	7,479877028	3,959446546	29,04029947	3,226699941
ENSG000000001631	KRIT1	3,45868811	0	9,678223949	5,131216457	2,720587442	2,19288641	3,114511787	0,37283075	2,366517611	29,03546252	3,226162502
ENSG000000198108	CHSY3	0	0,135940177	23,39401593	0	0	0,378503217	2,289952827	0	2,826563706	29,02497523	3,224997248
ENSG000000138778	CENPE	5,888256036	8,773388186	0,500387726	2,707711511	0	2,002732501	6,164573703	0,524832541	2,459849141	29,02173134	3,224636816
ENSG000000109089	CDR2L	0	0	0	7,231795111	0	7,507265914	7,309640382	0	6,937709542	28,98641095	3,220712328
ENSG000000166783	MARF1	0	0,319626444	1,121504159	1,291994189	17,15571608	2,205853074	2,116866045	3,27222935	1,499586829	28,98337617	3,22037513
ENSG000000204351	SKIV2L	5,0333711651	2,378522448	0	4,298530537	0,19503125	3,243725975	5,905555091	0,71781586	7,199702347	28,97225516	3,219139462
ENSG000000157333	GAREM2	0,025430927	0	0,701733673	12,64713441	0,181311449	5,612256129	1,604803977	0	8,194511713	28,96718232	3,218575813
ENSG000000152207	CYSLTR2	0,562585892	6,089598662	0,879683858	0	4,345242043	5,713599533	4,204143663	0,922657951	6,227173122	28,94468472	3,21607608
ENSG000000160190	SLC37A1	1,278729661	3,32536767	7,827569172	2,093875635	0,052395323	2,783734508	5,711517885	0	5,856849841	28,9300397	3,214448855
ENSG000000151835	SACS	0,018986125	0,016846125	1,449450196	19,29391036	0	4,148255559	1,899632492	0,249102576	1,797987463	28,87419998	3,208244428
ENSG000000198707	CEP290	0	1,019253217	0,812807307	1,449638748	1	1,358332207	6,163454905	9,629623361	8,422868699	28,85597844	3,206219827
ENSG000000203900	ADSL	2,35877842	1,960819013	0,156366249	1,798033154	15,90803345	2,35648548	1,782098654	0,139404261	2,378291876	28,83831055	3,204256728
ENSG000000120937	NPPB	0	0,378731639	0	0	28,40477736	0	0	0	0	28,783509	3,198167667
ENSG000000196526	AFAP1	0	0,026718015	0,083094888	0,025999898	1,89649559	4,843742425	1,750283627	11,85297373	8,296058388	28,77536656	3,197262951
ENSG000000117016	RIMS3	12,67755029	0,923481196	0	6,218728558	0	7,72527551	1,227220495	0	28,77225605	3,196917338	
ENSG000000130749	ACO08755.1	6,992858158	0,123264787	0,809319933	7,317054911	0	3,177876507	3,826018398	0,202534212	6,322085189	28,7710121	3,196779122
ENSG000000126016	AMOT	0	0,09461609	0	5,923365102	0,042239184	5,717689835	1,121588477	5,285709384	10,53611194	28,72132001	3,191257779
ENSG000000116127	ALMS1	0,02044383	6,783813031	0,282060575	10,85357505	0	2,222166961	1,400433253	0	7,153261934	28,71755464	3,190389404
ENSG000000188626	BTBD9	0,015844665	0,112463878	11,28009839	0,109441113	0,188275948	4,0359918	3,986317563	4,712079394	4,248143216	28,68865596	3,18762844
ENSG000000185261	LMNL	0,069540069	8,699498852	0	3,542375403	5,040536144	3,683932502	2,049791434	2,471036227	3,12167421	28,67838484	3,186487205
ENSG000000198816	ZNF358	2,248885113	3,733133943	5,604975592	0	1,206828035	5,416187814	4,939302556	3,301164222	28,67135111	1,185705679	
ENSG000000184056	VPS33B	0	1,269864906	7,621587958	5,593321988	0	1,364686253	3,47138755	4,200439418	5,411815546	28,66308562	3,184787291
ENSG000000187650	VMAC	0	4,877472051	0	10,53464183	0	9,562181328	2,50495309	0,146599187	4,617304974	28,64315269	3,182572521
ENSG000000152128	TMEM163	0,044418157	11,23169753	0	0,460202777	0	10,04631946	3,776189709	1,311248284	7,7742901	28,63121203	3,181245892
ENSG000000235034	C19orf81	0	3,32157883	0	5,289222458	0	6,539286226	4,097567149	3,721109995	5,650738853	28,61948551	3,179942834
ENSG000000137166	FOXFP4	2,204206055	0,999556888	7,70414861	5,666983241	0,640241972	3,764583588	5,714289026	0,053555035	1,86750152	28,61056594	3,179451771
ENSG000000130558	OLFM1	0,024679172	0	27,69359144	0,340942435	0,058650587	0	0,040983287	0,053966122	0,364226403	28,57702136	3,175224596
ENSG000000179943	FIZ1	4,298355216	6,046532942	0	3,884219961	0,052928157	3,374452408	4,826493243	2,435037344	3,642975308	28,56099458	3,173443842
ENSG000000131351	HUAS8	0,107767948	3,246975241	0	0,188639056	0,029890341	5,577330068	1,201866545	1,911062201	5,917317698	28,56272945	3,171919939
ENSG000000264364	DYNLL2	0,932370202	3,860425446	0,490048654	17,13499833	0,158271284	1,169929144	2,06444501	1,941733906	7,064463438	28,51668542	3,168520602
ENSG000000253873	PCDHGA11	0	0	0	0,044911355	0	3,455280513	5,830807167	16,83453218	2,335076786	28,500608	3,166734223
ENSG000000005471	ABCBA	0,058668527	0	0	7,429234426	0	10,24192379	3,572340241	4,190835721	3,006446911	28,49949461	3,166605512
ENSG000000114374	USPY9	0,124377665	0,029427349	17,61781246	0,100227438	3,349977074	0,036415842	0,027539581	0,417032213	6,791801132	28,49461076	3,166067862
ENSG000000176438	SYNE3	0,05823464	0,575728804	7,835598474	7,599350449	0,079083361	1,543651589	3,162387232	3,117085767	6,057098722	28,47591895	3,163990994
ENSG000000157870	PRXL2B	3,855092024	1,113612578	0	0,541840647	0,055173865	1,378076579	3,3126252	3,626840403	5,568228641	28,45148812	3,161276457
ENSG000000173083	HPSE	0,032240361	8,695878817	0	0,556720663	0	4,707938276	5,48782122	0	8,961236192	28,44183553	3,160203948
ENSG000000130487	KLHDC7B	2,382162076	3,114696537	0	0,309808029	0	7,846424287	3,279249498	2,810167448	5,975152656	28,43883333	3,15987307
ENSG000000131471	RAMP2	11,79069027	9,378957851	0	1,170111994	0	0,446396171	0	5,630723572	0	28,41678985	3,157431095
ENSG000000174500	ANKRD36C	0,934068603	0,406560065	5,997937755	3,043328372	0,251306888	5,727726931	3,775524336	3,622678953	4,616901008	28,37605111	3,152894568
ENSG000000132141	CTGB6	0,070530021	3,629459978	0	20,58250208	0	0,309751368	0,146406455	0	3,598872061	28,33847752	3,148719725
ENSG000000103404	USP31	0,03772422	1,963592911	0,069396713	0,19542438	13,02947894	6,281876708	2,526738815	0,082491779	4,144770619	28,33142512	3,147936124
ENSG000000040275	SPDL1	0,158230964	0,449243142	2,445060556	12,51394957	0	8,443197935	1,813079143	0	2,452006472	28,27476778	3,141640864
ENSG000000022567	SLC45A4	0	1,913458667	0	0	19,35763704	3,392223687	2,375890348	0	1,230628691	28,26938343	3,141093159
ENSG000000198932	GPRASP1	0,15580704	0	0	25,90516613	0,158690916	0	0,055444247	0	1,943600395	28,21870873	3,135412081
ENSG000000198589	LRBA	2,29051053	0,01600179	0,033177788	3,005338074	0,085723588	1,247522389	8,917775581	0,867644624	11,74502996	28,20872433	3,134302703
ENSG000000159023	EPY41	0,211628869	0,053647177	0,75089092	14,22593519	0,053868492	2,082906755	3,608535032	2,264269822	4,945248329	28,19666816	3,132985131
ENSG000000064655	EBP2	0,083532654	5,410272528	4,225789233	1,081819961	0	5,548695351	2,878396229	1,004637989	7,951915686	28,19505963	3,132784403
ENSG000000088882	CPXM1	0,12719745	0	6,08373954	21,96422345	0	0	0	0	0	28,17516044	3,130573382
ENSG000000158406	HIST1H4H	0,139723135	4,462834953	2,955867904	1,447628153	0,332055055	3,374972434	5,278687107	10,08260816	0,085920722	28,16029763	3,128921959
ENSG000000099991	CABIN1	2,832920796	0,656930763	2,487252696	3,168575533	0,803309373	3,711250651	3,461527055	1,337506771	9,680331209	28,13960485	3,126622761
ENSG000000186187	ZNR1F	1,164496691	0,212714642	12,53808697	9,610592333	0	1,598186652	1,834278426	0	1,179443204	28,13779874	3,126422082
ENSG000000131437	KIF3A	0,02202778	6,293128573	0,04052188	0,646631861	0	5,56259951	7,919628827	0,770692869	6,881197763	28,13642097	3,126269896
ENSG000000213638	ADAT3	10,63774775	2,420054152	0,125442283	0	0	4,791641204	4,246513944	3,876939872	2,01277622	28,11117743	3,123457492
ENSG000000196236	XPNPPE3	6,992060038	7,38281181	0,058069793	6,132271703	0,037509666	5,094809855	0,537318113	0,345137422	0,155292686	28,09075046	3,121194495
ENSG000000275111	ZNF2	2,004219281	0,671026028	0	0	0	2,947860597	4,941969459	16,20750131	3,910192781	28,07450449	3,119389387
ENSG000000069493	CLEC2D	0,021726897	0,539753846									

ENSG00000158477	CD1A	0	0	0	0,576970646	0	0	0,138717891	26,48591061	0	27,20159914	3,022399905
ENSG00000167280	ENGASE	0	3,170964848	0	0,084540734	0,290877646	6,85358773	7,07333153	0,053529008	9,664139584	27,19097108	3,021219009
ENSG00000138755	CXCL9	0	0	0	0	0,262129593	21,4957134	0	5,426845087	0	27,10468808	3,020520898
ENSG00000163629	PTPN13	23,36039572	0	0,556194385	0,824352279	0,11345331	0	0	0,069594475	2,231097677	27,15508784	3,017231983
ENSG00000011426	ANLN	0	0,04471269	0	11,44337141	0	13,39014826	2,154984858	0	0,092969746	27,12618696	3,014020773
ENSG00000185730	ZNF696	6,930295364	1,336699901	0,138574327	5,853476499	0	2,812043673	1,845151941	1,153061801	7,041044712	27,11034822	3,012260913
ENSG00000182584	ACTL10	11,6459189	6,267374607	0	0	0	6,602884607	0	1	2,582832274	27,09901039	3,011001154
ENSG00000153048	CARHSP1	0	3,461757936	3,987521592	4,585194103	0	5,087091378	3,509659636	1,421988456	4,998561653	27,05177475	3,00575275
ENSG00000156203	NR3C2	3,522177673	6,20943333	8,204346799	0	0,054354101	0,678005989	3,513245258	4,851241569	0	27,03280472	3,003644969
ENSG00000137434	C6orf52	1,538456036	0	1,886742753	0	23,5620107	0	0	0	0	26,98720949	2,998578832
ENSG00000276547	PCDHGB5	0,031150396	12,8792179	0	0	0	1,774688355	6,673128356	0	5,593401825	26,95536683	2,995040759
ENSG00000188643	S100A16	0	25,06441976	0	0	0,422242848	1,463056232	0	0	0	26,94971884	2,994413205
ENSG00000172717	FAM71D	0,30208688	0,119121279	0,740950952	0,5795979	24,88775505	0,147410552	0,083609728	0	0,08256176	26,9430941	2,993677122
ENSG00000176208	ATAD5	0	0,113635542	0,196341361	7,593248307	0,304379892	3,632736176	4,431075434	0	10,65880605	26,93022276	2,992246974
ENSG00000178226	PRSS36	3,034513495	0	0	0,070810034	0	2,791439825	14,67509175	4,842189049	1,512997468	26,92704162	2,991893513
ENSG00000175548	ALG10B	4,536806971	0,571629775	19,90157753	1,019820473	0	0,221056906	0,590684633	0,02935109	0,016507952	26,88743532	2,987492814
ENSG00000132510	KDM6B	0,083279455	3,805266741	1,263894085	0,467367687	7,718701654	1,485834594	3,5611585	4,82585618	3,661622099	26,87298093	2,985886769
ENSG00000119862	LGALS1	0	0	3,604623709	0	0	2,193579961	0,925156275	13,52656124	6,615436847	26,86535804	2,985039782
ENSG00000037042	TUBG2	3,462612432	0	0,298582276	0	0	4,455171233	0,4088005805	0,118308116	14,43920348	26,86188335	2,984653705
ENSG00000168152	THAP9	0,034882403	0,123795937	0	1,445623128	0,082898786	1,225562893	4,692103828	7,551482499	11,66903372	26,82538319	2,980598132
ENSG00000198393	ZNF26	0,021730022	2,956219922	0,213195359	11,74470047	0,705727181	2,576695756	2,050876388	5,084339765	1,469881899	26,82341176	2,980379084
ENSG00000174306	ZHX3	0,013003233	9,921784703	2,368129231	0,793882397	0,030902465	2,698313312	2,710012334	5,061298771	3,518306075	26,81573252	2,979525836
ENSG00000044757	CP	20,10676569	5,270324945	1,375749924	0	0	0	0,035483691	0	0	26,78832426	2,976480473
ENSG00000181019	NOO1	0	0	0	13,17409835	0,120874299	0	0	13,47190707	0	26,76687972	2,974097746
ENSG00000174371	EXO1	0,109579819	0	1,478260135	24,85094996	0,173612542	0	0	0,079872992	0,044923017	26,73719847	2,97079983
ENSG00000115109	EPBA1L5	0,01640901	0,95550679	0,301856987	0,510026012	0,077992734	1,837645654	1,75759288	12,95329339	0,161447734	26,67177119	2,963530133
ENSG00000103222	ABCC1	4,667970104	0	0,844031984	7,027159712	5,641582514	2,255945795	1,441045397	2,48643833	3,20621427	26,67038811	2,963376456
ENSG00000186310	NAP1L3	0	17,57808489	0	2,175282092	0	0	6,886662074	0	0	26,64002905	2,960003228
ENSG00000074935	TUBE1	0,213222197	13,31818598	0	1,804122161	0	4,096846469	0,017704294	5,734930408	1,416073402	26,60108491	2,955676101
ENSG00000221882	AC087498.2	0	0	7,692792567	0	0	0	13,98285675	0,74143882	4,170079304	26,58716717	2,954129685
ENSG00000183060	LYSMD4	0	7,060084257	0	2,427515123	0,063036255	5,329407677	0,198215374	0,696018046	10,79782322	26,57209995	2,95245555
ENSG000002013123	TCETX1D2	6,306380156	0	0	18,84763059	0	0	1,409779011	0	0	25,56378976	2,951531295
ENSG00000156740	DYRK1A	0,558978683	3,606887121	1,485302625	1,40258625	0,187858072	0,998079544	1,570544743	4,29664946	0,777745787	26,52733499	2,947481666
ENSG00000145416	TPM1	0,010978884	11,84383117	1,009735194	6,62536388	0,208713428	5,098450704	1,175857089	0,120027086	2,167447366	26,50570738	2,945522644
ENSG00000120458	MSANTD2	0,033572666	0,297869362	2,099827453	0	5,026528587	6,929835241	4,292919602	2,863130001	4,954806193	26,4984891	2,944276567
ENSG00000166866	MYO1A	0,033957432	0	0	0,117274146	0	11,70694856	3,270687306	10,98973393	26,49447074	2,943830083	2,943830083
ENSG00000197530	MB2	7,928694252	2,293903274	0	2,410828441	0	7,039892156	2,461065692	0,829195903	3,497738813	26,46185853	2,940206504
ENSG00000173705	SUSD5	0,03835848	0,058266406	0	1,701010265	0	0,108155526	0	24,5564160	0	26,4566831	2,939631456
ENSG00000103550	KNOF1	2,765880515	3,007006188	4,944734939	6,62599501	0,092579928	2,908460741	2,296569624	1,107411544	2,683012438	26,43161493	2,936846103
ENSG00000135298	ADGRB3	0	0,163252359	1,480686107	0,11914839	0,054660204	10,95969411	4,163246937	0	9,476192536	26,41706264	2,935229182
ENSG00000163737	PF4	0,250183064	0	0	0	26,16088057	0	0	0	0	26,41106363	2,934562626
ENSG00000187079	TEAD1	0,02823705	4,033529105	13,97302562	2,779275633	0	2,743732792	2,813498989	0,030873079	0	26,40217227	2,933574697
ENSG00000118420	UBE3D	0,118018253	3,266959701	10,33415551	0,1059717173	0	8,759415015	0,5291626	1,909728053	0,406412264	26,38356857	2,931507618
ENSG00000204444	APOM	0	2,167679871	0	0	0	6,572043863	4,868695179	12,02065929	0,751198554	26,38027675	2,931141862
ENSG00000120756	PLS1	0	0	0,052568097	0,24672369	0	0,345124119	0	21,05833004	4,674279021	26,37702497	2,930780552
ENSG00000175691	ZNF77	0	0,110029545	0	0,214144419	0	9,326938452	3,501018702	5,288037806	7,931078505	26,37124743	2,930138603
ENSG00000106505	METTL2B	3,761531467	0	3,542197142	0,734592461	0,372473373	4,105358766	6,655606054	2,643686224	4,54358811	26,3591702	2,928796689
ENSG00000133874	RNF122	5,731223567	8,451056627	0,445480928	0,975718388	0,127652646	0,797647003	1,13942075	1,412113536	5,658788338	26,33797578	2,926441754
ENSG00000091436	MAP3K20	11,70220226	0,019424949	0,181238836	0,182584869	1,040618784	0,781236416	0,018178837	1,62775649	26,32343174	2,924825749	2,924825749
ENSG00000171611	PTCRA	0	0	0,194675835	0	5,255728885	3,437543342	0	6,682837273	0	26,32286785	2,924763095
ENSG000000072121	ZFYVE26	0	0,068299032	2,708288025	2,276386538	10,15334875	2,525001772	8,03764353	0,547077099	0	26,31062675	2,924002972
ENSG00000113966	ARL6	0	10,52344179	0	0,28605018	0	6,975995046	0,385131473	0,072447833	5,337841354	26,28090768	2,920100853
ENSG00000240898	BCKDHA	2,953738387	6,313427812	2,346344683	0,81143706	1,276295131	3,390442705	4,682144775	2,889613238	26,27823238	2,919803598	2,919803598
ENSG00000159267	HLCS	0,038309183	0	0,396909582	0	12,28188323	10,46513861	0	3,086055827	26,26829643	2,918699603	2,918699603
ENSG00000108309	RUND2C3A	0	0	0,1064172	19,91842812	0	1,590089132	1,125753387	3,503792315	0	26,24448016	2,916053351
ENSG00000136830	FAM129B	4,516625244	1,393850553	0	1,582451654	5,75583672	4,312165736	4,348116335	1,860796785	2,455412142	26,22525517	2,913917241
ENSG00000171695	KIAAEAR1	2,785448307	0	0	16,23328183	0	4,969671652	1,15640859	0	1,07054486	26,21535486	2,912817207
ENSG00000134830	CSAR2	2,243776483	0	0,081734813	2,608582516	0	4,244110607	2,951375054	11,07601902	3,005456844	26,21105534	2,912398542
ENSG00000164037	SLC9B1	0	7,746124289	0	0	0	1,67192385	2,233768087	13,65248633	0,873984317	26,17828687	2,908698919
ENSG00000135525	MAP7	0,083225943	4,775064074	7,450907738	5,173669406	0	5,147583525	3,455213843	0,060663589	0	26,14632812	2,905147569
ENSG00000186409	CDCD30	0,03357018	4,884695795	0	0,057968374	13,90835861	0	0	7,04718272	0,192672639	26,12444832	2,90271648
ENSG00000248711	SMIM31	0	0	0	26,11763944	0	0	0	0	0	26,11763944	2,901959938
ENSG00000073771	PMP2R3A	0	0	13,53300675	9,586050048	0,138388263	0,809839681	0,225637077	1,358240997	0,453575327	26,10473854	2,900526504
ENSG00000170265	ZNF282	0,361604663	4,582495649	8,672393466	0,09548459	3,440846845	1,401157656	4,041475699	3,50840284	0	26,10386141	2,900429045
ENSG000000064042	LIMCH1	0,389531944	6,418423865	0,614207547	1,129068662	0,958792923	1,924574909	4,632075413	9,795611374	0,239537038	26,10182368	2,900202631
ENSG00000148842	CNNM2	2,675260654	0,098557461	0,476809975	0,445841324	11,37366879	2,947443472	7,66626211	2,064709991	2,117584731	26,06377831	2,895975368
ENSG00000161609	GAN	0,637349107	1,357152424	16,88335427	1,523856427	0,039614595	2,551476652	0,716461567	0,278739172	1,640070536	25,98460541	2,887178379
ENSG00000167865	ZNF444	2,115505679	0,525547809	8,834030865	0,073060332	4,032311484	4,436360094	4,163022355	0,046259914	1,717187522	25,98328605	2,887031784
ENSG00000141564	RPTOR	3,02162469	0,364394098									

ENSG00000183208	GDPGP1	3.478315316	1,113777778	8.804146437	5,103089673	0.559373119	1,292138448	2,062942461	2,173159149	0.546796621	25,133739	2,792637667
ENSG00000165115	KIF27	0,039051705	0	20,94099983	1,989296227	0,092807221	1,221979955	0,016212732	0,042697321	0,768456999	25,11150199	2,790166888
ENSG00000128458	ZNF789	0,004580894	3,510662755	11,42040136	0,235607201	0	3,195869649	2,586822496	3,878690183	0,223742991	2,788586402	2,788586402
ENSG00000179598	PLD6	0	0	0	21,15415426	0	0,772275764	3,163526602	0	0	25,08996563	2,787772959
ENSG00000109811	ELP4	0,016637858	2,676794657	5,070507182	9,27656816	0,013180076	4,262392325	2,772163536	0,048509497	0,893525688	25,08136764	2,786818626
ENSG00000170464	DNAJC18	0,023254935	0,206326562	3,892919207	2,449582078	0,055265858	9,957698509	1,641270886	0	6,835563907	25,06180094	2,784644549
ENSG00000173451	THAP2	0,028837895	11,61607519	0,053049637	7,469512632	0	3,799478856	0,670452156	0	1,418675475	25,05608211	2,784009124
ENSG00000153815	CMIP	2,008469244	1,244229493	1,421054379	6,628548706	0,08473084	2,100794561	3,068916496	4,885701824	3,610231302	25,05267685	2,783630761
ENSG00000082737	CETP	15,01747635	7,986535538	0	0	0	0	1,99805306	0	0	25,00206495	2,778007217
ENSG00000102032	RENBP	0,073820503	7,466582318	6,382542576	0,254943795	0	2,917821574	2,145315887	2,582781182	3,177639609	25,00144744	2,777938605
ENSG00000146776	ATXN7L1	0,856202148	2,650710549	0,301605894	6,95197461	0,649398811	3,720237163	0,363024469	4,063209872	5,444328501	25,00069202	2,777854668
ENSG00000157445	CCACNA2D3	18,23979276	0	0	0	0	2,88295556	1,302828198	0	0,354443463	24,98951974	2,776611305
ENSG00000173611	SCAI	0,336730179	0,041208237	0,021360081	1,924831532	3,918448672	0,841409103	0,173541261	15,0059036	2,713296391	24,97672905	2,775192117
ENSG00000142046	TMEM91	5,52917649	0,323452352	3,353197816	2,308230575	0	2,668445142	5,751354181	3,321618089	1,718725377	24,97420002	2,774911114
ENSG00000182621	PLCB1	0,034714121	4,096357226	15,19854435	1,034029017	4,042444194	0,009528519	0,518829767	0,037954809	0	24,972402	2,774711334
ENSG00000131149	GSE1	0,033891426	4,951485797	2,743224661	3,374831834	0,080543707	4,440489418	1,99799497	1,679840804	5,668763538	24,97106615	2,774562906
ENSG00000123700	KCNJ2	0,135476574	10,96223346	0,697816279	0,233938475	1,931778065	2,677416515	7,109310545	0,177745857	1,033036075	24,95875455	2,77319495
ENSG00000015153	YAF2	3,224575775	2,844942339	0,230816578	10,66465483	0,066263962	1,76028382	2,199406133	2,498827893	1,457418064	24,94407714	2,771563489
ENSG00000127903	ZNF835	0	0,154370754	0	0	0	4,823537204	5,092491886	0	14,87200149	24,94240134	2,771379727
ENSG00000123352	SPATS2	13,34368197	0,039202047	0	0,762967762	3,622676962	1,988986446	4,952776263	0,096618295	0,108682177	24,93859102	2,776399102
ENSG00000176055	MBLAC2	0,026636801	0,094532699	7,595084672	2,25380112	0	2,924565075	3,627205085	2,621109737	5,765730287	24,90866548	2,767629497
ENSG00000267796	LN37	1,875485806	3,232917732	0	9,808194081	4,966519203	0,82366953	2,0911722	0	2,108896707	24,90685526	2,767428362
ENSG00000249437	NAIP	3,145158519	1,268410596	0,087663229	4,608123172	0	6,261105544	4,378865786	2,987214633	2,148966409	24,88550789	2,765056432
ENSG00000089819	RPH3A	0,014705194	3,496596731	21,10008536	0,25392266	0,209683267	0,016145443	0	0	2,486260886	2,762512073	
ENSG00000171587	DSCAM	0	0,031193811	9,410447744	8,04417965	0	0,038601809	3,751265161	0,038440503	3,459218656	24,77334733	2,752594148
ENSG00000109756	RAPGEF2	0,011383094	0,100995104	4,250844451	2,280109759	0,081156507	0,349943213	2,561390582	1,01391047	1,059197566	24,74171275	2,748079194
ENSG00000186376	ZNF75D	0,02209865	8,156410649	0	0,12638183	0	4,173240596	10,44057018	0,048323277	1,739423432	24,73270497	2,74807833
ENSG00000109680	TBC1D19	6,025433581	0,064799903	0	0,262116469	0,086785293	4,59915825	4,487580748	5,479283644	2,727991546	24,727768385	
ENSG00000172828	CES3	5,427469766	9,372071024	0	0,211797869	0	8,21472823	6,161489518	0,73757716	0	24,72513357	2,747237063
ENSG00000169248	CXCL11	0	0	0	0	0,376433483	24,34746409	0	0	0	24,72389757	2,74709973
ENSG00000107331	ABCA2	0	1,957410968	7,682077994	0,04535239	0,03625847	5,551018687	5,669898901	0,775330957	2,939434001	24,71424065	2,746026738
ENSG00000133816	MICAL2	0,022452167	0,03984082	0,192745351	5,324412339	0,12902144	5,538295711	3,983287881	5,040550359	4,27327879	24,69341523	2,743712804
ENSG00000137404	NRM	3,768527679	3,409140343	4,893537195	1,148369081	0	1,78485706	3,74263582	1,615816956	2,217289265	24,6341734	2,737130378
ENSG00000100003	SEC14L2	0,025668519	0,865414982	12,1825829	0,389915368	8,662254292	0,169095203	0	0	2,42139682	24,54532809	2,727258676
ENSG00000164056	SPRY1	0,038130348	1,488550089	2,314747228	5,99169384	0,181235197	5,986679906	4,052536587	0	4,455064248	24,50863744	2,723181938
ENSG00000117569	PTBP2	24,77439527	0,145087269	1,181796819	1,532894649	0,056517901	2,077569253	1,862124429	0,587461935	0,289989047	24,49984557	2,722205063
ENSG00000072134	EPN2	12,33084967	0,440764119	0,032638265	1,654395753	0,128494379	2,201232261	3,594547494	0,659550035	3,447663557	24,48813553	2,720903948
ENSG00000123908	AGO2	0,01907719	3,840994133	0	8,578729208	0,589200234	2,533625264	2,335694323	2,502186414	4,069460669	24,46896144	2,718773493
ENSG00000138769	CDKL2	0	0	0	0	0	24,43900099	0	0	0	24,43900099	2,715444555
ENSG00000093927	XYLB	0	13,7508718	0	0	0,056840383	1,890718823	6,732263778	0,575305515	1,41193939	24,41793969	2,71310441
ENSG00000156650	KAT5B	1,939163193	2,607566457	1,864891878	5,604942676	2,889841096	3,200951076	3,853968336	3,284920751	2,498455429	24,41255429	2,712506032
ENSG00000103326	CAPN15	2,458004778	0,805231231	0,034782295	2,775209314	0	3,923560936	6,358293851	3,886492661	4,162484714	24,40405348	2,711561498
ENSG00000158691	ZSCAN12	0,024898947	10,78423695	0,151763475	0,047485892	0,065353511	4,468565123	1,14167727	0	7,643551235	24,3851324	2,709459155
ENSG00000145147	SLIT2	2,962952366	2,931705251	0,100471708	0,070733254	0,032449403	3,328105903	3,061081561	10,95775066	0,923607005	24,36868251	2,70765139
ENSG00000169057	MCCP2	2,534142206	0,145999129	1,997896824	2,656802801	0,175980501	4,391939379	5,192064267	3,724270689	8,95835298	24,37933109	2,704770122
ENSG00000187097	ENTPD5	6,100330389	0,232515464	0,589224605	1,533580639	5,155459467	3,660614902	3,602481832	0,063673681	3,402142714	24,3002369	2,704447077
ENSG00000139354	GASL2L3	0,040703184	6,572638925	0,037438397	0	0	5,809663292	9,05752161	2,091639687	0,725865025	24,33540703	2,703941144
ENSG00000123552	USP45	9,68489063	3,830124209	1,208459007	0,097230769	0,044605334	1,044252147	1,698704035	0	7,1676068	24,32587293	2,70287477
ENSG00000135299	ANKRD6	0	13,07461292	0	0,031260929	0,086407093	2,209672793	2,50446604	5,499471786	24,27644508	2,697382786	
ENSG00000184677	ZBTB40	0,016480594	0	0,060634769	3,415006757	0,117499469	6,315060668	5,596833437	0,252267638	8,4927138	24,26649713	2,696277459
ENSG00000138755	BCCL2L10	23,94397973	0	0	0	0,272265006	0	0	0	0	24,21624474	2,69069386
ENSG00000163485	ADORA1	0,10616791	0,063980434	0	0,085687793	8,986328063	8,053333168	0	6,917694458	24,21519183	2,69057687	
ENSG00000122447	ODF2L	0,058463597	1,525491283	0,025507442	0,023943382	0,164763049	3,364492334	3,384866729	7,398241372	8,297853519	24,21360451	2,690400501
ENSG00000101986	ABCD1	0,499185462	2,467564418	0	3,386367061	0	3,797386961	7,460718184	4,522228626	2,061063366	24,19451408	2,688279342
ENSG00000197321	SVIL	8,713530944	0,323810406	5,958514751	2,783464443	0,11477025	0,467494832	0,732341678	0,764817858	0,411445512	24,16688845	2,685209828
ENSG00000087903	RFX2	17,91260118	2,388333188	0	0,0468272021	0,11846851	0,985173867	0,331129093	1,199069396	0,265670792	24,147317386	2,683035318
ENSG00000101624	CETP6	0	8,316843458	0,045141296	0,034723331	0	4,687957185	7,987068877	0,053659397	9,292479199	24,06047374	2,673385926
ENSG00000114735	HEM1K	4,846429113	0,092087929	4,178645503	2,888033374	0,036974779	2,417172063	1,827959032	1,547981758	3,224209936	24,05949848	2,673277608
ENSG00000164197	RNF180	0	0,098672309	0	14,93114574	0	6,196843987	0,023085618	0	2,80394017	24,05368783	2,672631981
ENSG00000126368	NR1D1	15,34088303	0,203910266	0	0	1,092372752	4,100451515	3,148685138	0	1,41328154	24,02763085	2,669736762
ENSG00000179361	ARID3B	1,167628363	5,697801676	0	2,436289203	0	6,303106262	3,696244487	0,053192944	4,667105196	24,02136813	2,669404903
ENSG00000188422	PSMG4	2,929961151	3,629105588	2,001200559	0,676256893	3,964150256	3,551359052	2,396678448	2,696000983	2,158516913	24,00322984	2,667202538
ENSG00000145014	NAF1	3,321459058	0,168395646	0	7,15563778	0,075176375	1,041933703	2,757878346	6,640510463	2,840042309	24,00101568	2,66677952
ENSG00000132359	RAP1GAP2	0,461436952	2,883630112	0	10,21983769	0,095337818	2,114632948	2,048971168	0,48942126	1,431107049	23,99301587	2,665890652
ENSG00000188508	KRTDAP	0	0	23,97105241	0	0	0	0	0	0	23,97105241	2,663450268
ENSG00000179542	SLITRR4	0,032714997	14,42591189	0,030090939	0,169474978							

ENSG00000172006	ZNF554	0	8,127249522	0,059334066	2,951879115	0	0,637436581	6,829228316	0	4,403194018	23,00832162	2,55648018
ENSG00000105051	SIGLEC5	10,05269474	0,908955933	0	0	0	1,687226204	4,040570014	1,120117178	5,197402742	23,00686651	2,556329646
ENSG00000185467	KPNA7	0	0	0	0	22,90024908	0	0,072736424	0	0	22,92798585	2,552553945
ENSG00000036565	SLC18A1	0,038647205	10,42393453	0	0	0	0	9,72314849	1,352161913	1,425932396	22,96382453	2,551536059
ENSG00000105991	H0XA1	0,119031564	12,25067822	0	3,699747572	0	6,730519654	0	0,130143587	0	22,9301206	2,547791178
ENSG00000008086	CDKL5	0,008849814	0,706669986	1,937313721	0	12,68215977	2,244529617	1,344718639	0,019351951	3,983591634	22,92718513	2,547465014
ENSG00000189171	S100A13	1,568385887	8,470189533	0	1,530755717	0	1,347649089	4,812715803	1,938469936	3,166898848	22,85506481	2,539451646
ENSG00000125375	DMAC2L	0	2,705867753	13,18910623	1,1616840597	0	1,688918856	1,288356069	0,906742639	1,431233729	22,82706587	2,536340652
ENSG00000169679	BUB1	0,050102974	5,601109418	0	5,839890844	0,119070803	9,959835008	0	1,259946129	0	22,82695518	2,53628353
ENSG00000143971	ETAA1	0,404038959	0	0,07432623	4,604734846	0	6,454542489	7,66576761	0,574284676	3,031186593	22,8088814	2,534320156
ENSG00000069869	NEDD4	0	0,029395089	0	9,968665991	0,826734092	5,547327987	0,316357996	0,144895667	6,43800713	22,79958395	2,533287106
ENSG000000214226	C17orf67	1,365830959	2,533798686	0,114207107	5,25300483	0	4,771462765	8,144746284	0	0,610834913	22,79388554	2,532653949
ENSG000000013573	DDX11	10,85424321	0	0	0,093558614	0	2,934715591	5,323529086	0,315940784	3,242929634	22,76491692	2,529435214
ENSG000000118777	ABC52	0,026974397	0	0	11,73788176	0	1,184652458	7,95108316	0	1,857801722	22,75839349	2,528710388
ENSG00000143190	POU2F1	2,073752451	5,737178344	2,236880592	1,39981335	0,067204331	4,284634692	2,809796593	2,411630241	1,727349	22,7482396	2,527582177
ENSG00000170100	ZNF778	0	7,706733614	0	0,162028282	0,063712861	5,430764021	2,904972647	6,419335606	0,032971972	22,720519	2,524502111
ENSG00000145757	SPATA9	0	0	20,71075242	0,08917805	0	0	0	1,919818061	0	22,71974853	2,524416503
ENSG00000181035	SLC25A42	0,367828342	3,678867892	0	0,057741751	0	4,80953431	5,164302224	0	8,554121848	22,63239637	2,514710708
ENSG00000150447	KIAA1328	0,040705011	3,05773853	4,39296915	0,093718227	0,032245447	2,502736544	1,892701426	5,370266384	5,239813953	22,62289467	2,513654964
ENSG00000115827	DCAF17	0,019734958	0,700383963	0,181520242	1,431274511	0,046900554	2,578471807	4,276839056	5,005930499	8,373651585	22,61470717	2,512745242
ENSG000001065185	KIAA1958	0,011518452	4,966728106	0,211891226	5,78794707	0	3,224879721	5,183669624	0,050374963	3,130736234	22,56776909	2,507529899
ENSG00000113522	RAD50	1,687747027	0,837547184	3,709909508	2,988464924	4,894739811	1,381933814	1,769529528	1,814027914	3,482973158	22,56687287	2,507430319
ENSG00000198075	SULT1C4	0,039454457	0,490076763	0	10,96880703	0	0,519824261	0,524158045	0	9,95922608	22,53824316	2,50424924
ENSG00000147536	GINS2	0	2,018326054	0	11,54494747	0	2,284430559	2,971483905	0	3,718977589	22,53816558	2,50424062
ENSG000000213171	LINGO4	0	0	0	0	22,53119828	0	0	0	0	22,53119828	2,503466475
ENSG00000155367	PPM1J	0	3,731969382	17,41002708	0	0	1,385474544	0	0	0	22,527471	2,503053234
ENSG00000169635	HIC2	0,083348357	0,406723938	12,87938683	1,655130837	0,099039587	2,310685539	2,474111621	0	2,613947224	22,52235693	2,502484103
ENSG00000188396	TCTEX1D4	0	0,351431193	0	0	0	4,131456038	11,18215279	0	6,820055863	22,48509588	2,498343987
ENSG00000143382	ADAMTSL4	6,742651396	3,376788247	1,988041753	2,961482143	0	1,031782193	2,165299573	2,7747170809	1,444702443	22,48491856	2,498324284
ENSG00000203668	CHML	0	2,870074926	0,145140373	5,040905396	0	7,947941737	5,290029661	0	4,482727237	22,480875819	2,498085819
ENSG00000143570	SLC39A1	3,434331151	2,849206613	0,574339047	3,23473109	1,5899537	3,476874541	2,592362231	0,780246913	3,94951287	22,48155816	2,497959036
ENSG00000127955	GNAI1	0,012492607	5,408949076	0,298755067	6,730465615	0,415645304	3,579915718	3,205219295	0,027317673	7,96301284	22,47706219	2,497229132
ENSG00000166507	DEPP1	18,05819508	0,360042968	0	0	0	1,392334481	0	2,662111319	0	22,47268385	2,496964872
ENSG00000177025	C19orf18	0	9,377643719	0	1,569912753	3,263814624	1,645512551	0,72226135	5,890217646	22,46936264	2,496595849	2,496595849
ENSG00000181315	ZNF322	0	2,173121566	9,505941317	1,392615994	0,070985875	1,016649116	2,13292124	0,849110373	5,326894155	22,46803964	2,496448849
ENSG00000174928	C3orf33	7,18526731	6,895451725	0,134876322	0,126606004	0	4,809391668	0	0,160327301	3,156054478	22,46797481	2,496441645
ENSG00000170365	SMAD1	0,14910826	0	13,40135239	7,540441077	0,050622715	0	1,220390881	0,093158886	0	22,45503412	2,495004812
ENSG00000117724	CENPF	1,708780547	2,802477856	1,547905974	6,259041625	0,092294408	4,107612153	3,138639334	0,028307596	2,738422156	22,42348165	2,491497961
ENSG00000133056	PIK3C2B	0,032103372	0,085449968	0	2,96580115	1,564034336	7,155268126	8,476644482	0	2,384202473	22,41138287	2,490153652
ENSG00000122696	SLC25A51	0,088967071	3,236332648	2,454931695	2,150774003	0	8,986619403	1,551296422	0	3,93949044	22,40797029	2,489774476
ENSG000000250312	ZNF718	0	1,691414154	0	0,051436029	0,070789975	3,82644145	8,186611451	0	8,572459336	22,39915239	2,488794711
ENSG00000152990	ADGRA3	0,016316874	0	2,911572141	1,775067854	0,038777404	1,612347684	2,56061902	9,526620184	3,953327382	22,39464855	2,488294283
ENSG00000109805	NCAPG	0	0	0,057350959	5,62072804	0,074090683	10,9876821	2,743935464	0	2,76066631	22,38399832	2,487110924
ENSG00000162909	KCNJ3	0,369538791	0,491803139	3,682230779	4,57142004	6,147518557	1,386250998	1,022786485	3,299631915	1,401328984	22,37423165	2,486025739
ENSG00000126805	MMP24OS	1,916257237	4,177574639	4,330849368	0,898145746	0,650575258	2,584838695	2,70488578	2,095146714	2,996438493	22,35471193	2,483586881
ENSG00000105948	TTC26	0,755703994	3,862017205	0,055607141	0,260987172	0	6,770505631	8,257599366	0,066100134	2,304959786	22,33347851	2,481497612
ENSG00000203532	CDC47L1	0	3,62833711	1,880730189	1,07459616	0,052819171	3,831145836	3,72775512	5,346051247	2,78807185	22,32954268	2,481060298
ENSG00000243667	WDR92	2,750167789	0,527578948	0,615302728	5,103903783	0	1,468957393	0,33944261	6,013811608	5,073527785	22,30782669	2,47864741
ENSG00000167302	TEP5IN	0,126768578	0,112617388	5,020220183	0,164385746	6,259293577	4,6333789732	1,844376993	0,208169614	7,31388924	22,30751105	2,478612339
ENSG00000178372	CALML5	0	5,177743404	16,70712876	4,418064659	0	0	0	0	0	22,30293682	2,478104091
ENSG00000125510	OPR1L	1,660555722	0,220996154	0	4,802923983	7,991351904	2,324571267	2,137132029	0,544672364	2,603893581	22,286097	2,476233
ENSG00000184227	ACOT1	6,273867109	5,08929063	2,30825705	1,083359918	0	3,444169742	2,902338641	1,175923728	0	22,27720682	2,475245202
ENSG00000174327	SLA16A13	0	0	0	7,501724234	0	1,430948913	7,995953117	0	5,342976203	22,27160247	2,474622496
ENSG00000130684	ZNF337	0,031124731	0,110460144	10,36341873	1,612368535	0,147937196	0,751808998	0,697775276	4,696186438	3,827940879	22,23902077	2,471002308
ENSG00000161956	SENP3	0,4166971773	3,403568434	1,610811832	6,264167437	0	2,380615339	2,492788053	4,011898723	6,14028224	22,22185048	2,469094498
ENSG00000110013	SIAE	6,1825556	2,701516649	0	0,480897484	0,088246109	0,285384946	5,84264109	3,532105587	3,105433962	22,2187143	2,468753492
ENSG00000196663	TECP2R	0,016072173	0,998188684	2,601813307	0,508281584	0,038195867	7,252632102	6,125386342	0,070290722	4,526574516	22,2119691	2,467996566
ENSG00000104881	PPP1R13L	0	0,266648767	0	7,109803405	7,213777203	1,451882533	2,919655697	0,065718888	3,781597312	22,20624562	2,467360625
ENSG00000178301	AQP11	0	0,335737062	7,193141126	10,08404134	0	1,10791704	0,576032409	0	2,094263815	22,1975328	2,466392533
ENSG00000156011	PSD3	7,243939886	6,63839861	0	0,03427042	0	1,743215936	3,773667721	1,323647795	1,403490285	22,16063065	2,462292295
ENSG00000164989	CDC47C1	9,442861641	3,056563721	0	0	0,647907654	3,10214954	1,502269023	2,167850205	2,240400096	22,16000188	2,462222431
ENSG00000139718	SETD1B	0,381684145	0,387022372	5,215888314	8,599492788	0,302360211	1,935689913	1,705334077	0,87437581	2,749473447	22,15132108	2,461257898
ENSG00000138658	ZGRF1	0,049800254	0,029456443	0,091611589	0,114658892	0,039450461	2,369369895	1,626441742	10,81725517	7,002675727	22,14072326	2,460080362
ENSG00000132801	ZSWIM3	0	0,09659294	0	0,100136923	0	3,94968194	9,356037004	6,18969651	0	22,13743157	2,459714619
ENSG0000010267710	EDDM13	0	1,824871119	0	3,773623622	13,74758775	0,493991509	0	2,248810328	0	22,08888433	2,454320481
ENSG00000141664	ZCHC2C	2,391784313	0,838353102	0,081479267	3,033831165	0,407015771	1,4911331027	1,422037959	0	3,841887009	22,07346358	2,452607065
ENSG00000198353	HOXC4	3,27670193	1,647421034	0	1,697444221	7,268009531	3,837469067	1,859155624	0	2,485117934	2	

ENSG00000204406	MBD5	0,39870863	0,972810686	2,635860107	2,409689739	10,37852066	0,574558396	2,291530222	0,422306711	1,225900543	21,3098857	2,367765077
ENSG00000214943	GPR33	0,225034357	0	0	14,57194571	0	0	0	0	6,503936371	21,30091644	2,366768494
ENSG000002127423	AUNIP	0	11,65946428	9,102382835	0,447405576	0,068899741	0	0	0	2,278152521	2,36423916	0
ENSG00000217897	MBOAT1	0	0,448397993	1,549498879	2,1871370557	0,400354005	2,866905172	6,854009217	0,552566166	0,42278951	21,2762515	2,364027944
ENSG0000020188707	ZBED6CL	0,029194469	6,734632923	0	0,100824952	0	1,185991371	0,290889487	12,89563034	6,035905433	21,27306897	2,363674331
ENSG000002115183	TANC1	0,020262899	0,017978009	0,074550479	11,58155905	0	1,924406957	5,535332112	0,221545134	1,844135789	21,21977043	2,35775227
ENSG000002036667	COX20	1,554091208	1,232162364	3,406320688	4,168107909	1,493048863	1,270649931	1,866954612	3,832173321	2,348664834	21,18217373	2,353574859
ENSG000002109576	AADAT	0	0	0	17,57137876	0	2,681383058	0	0,890059441	0	21,14282126	2,349202362
ENSG000002077432	CCL23	0	5,420660379	0	12,65991791	0	1,179958	1,183682377	0	0,751401033	21,1336575	2,348184166
ENSG000002135924	DNAJB2	0	3,416692152	6,753509031	2,881544911	0,061012155	2,565046293	2,899076648	1,291198616	1,231398975	21,09947878	2,344386531
ENSG000002007264	MATK	2,373655653	0,064799903	0,134354809	8,702036369	0	1,283020409	1,364467119	4,631513996	2,515081017	21,06892928	2,340992142
ENSG000002187624	C17orf97	0	1,581958703	0	0,096214961	13,24179728	3,792940913	2,035654354	0	0,274109915	21,02267613	2,335852903
ENSG000002106070	GRB10	0,015427317	0	16,46327864	1,283217354	0	0	0,809640594	0,447595852	21,01915976	2,335462196	0
ENSG000002107249	GLIS3	0,012615676	0	1,833396879	15,57593144	0,029981428	0,983440553	2,534965799	0	0,031031311	21,00136309	2,333484788
ENSG000002177576	C18orf32	1,184664753	3,690456099	1,646572015	1,591066918	1,376408699	5,318387825	3,388136143	0,921071965	1,877891688	20,9946561	2,332739567
ENSG00000217432	NAP1L5	0	0	0	20,98380475	0	0	0	0	0	20,98380475	2,331533861
ENSG000002072021	PTPN23	1,466847381	1,929724854	1,163096648	0,131013376	0	6,525353226	5,291803124	0,553028565	3,919106578	20,97997375	2,331108195
ENSG000002186666	BCDIN3D	6,790567063	6,31520141	0	0,706357134	0	0	1,154843337	5,993263677	0	20,96025062	2,328916736
ENSG000002070647	TAI15	2,157621611	2,005481558	2,83508515	6,830526277	0	1,635698359	2,388692365	1,685030941	1,421569523	20,95970578	2,328856198
ENSG000002138623	SEMA7A	0	0,352818421	6,656891844	1,854011662	0	4,366067808	3,400906367	0	4,25490722	20,88560332	2,320262291
ENSG000002092978	GPATCH2	0,017092022	0	0,125768623	0,914939963	0	3,847038596	7,110127399	4,559780255	4,309301703	20,88404864	2,320044989
ENSG000002156860	FBR5	0,334963858	2,674733168	1,810067145	5,097233502	0,049753054	3,74666445	2,503148768	1,052922562	3,604670701	20,87415721	2,319350801
ENSG000002126214	KLC1	3,210442232	3,84432975	1,328459254	2,805752415	0,059563463	2,20628059	1,694576194	2,214225713	3,504352376	20,86438199	2,318264665
ENSG000002104147	OIP5	0	0	0	0	12,55864844	0,138143694	0,4171886202	0	7,737157463	20,8518358	2,316870645
ENSG000002185261	KIAA0825	0,014525672	0	0,053442295	1,530042627	0,06904115	3,428893011	0,844268311	14,89703087	0	20,83724394	2,315249327
ENSG000002036609	ZNF853	14,31326834	0	0	0,135059511	0,092939323	1,331063115	2,954917239	0,085516192	1,923877042	20,83664076	2,315182307
ENSG000002166398	KIAA0355	5,024188433	2,30072235	3,354096918	0,314843112	1,107347295	2,75813266	1,446634744	0,177200465	4,33539171	20,81850515	2,313167239
ENSG000002070047	PHRF1	2,559867921	0,602566292	4,853239412	3,06843526	0	1,978881554	4,099203587	2,741721563	3,598056773	20,79438963	2,310487736
ENSG000002186063	AIDA	3,177892462	1,710735823	0,45979695	4,377689791	0	2,195414058	3,468815889	3,982080091	1,405266709	20,77769175	2,308632416
ENSG000002175455	CDCD14	0,013228634	0,563372844	1,606118054	1,599006235	0,157190555	4,793004492	4,514427598	2,950566016	4,555460583	20,7523759	2,305819545
ENSG000002044687	UBE2V1	7,935029966	2,226168535	0,17308848	3,195343192	0,223609927	2,548232187	2,552115512	1,234500252	0,65574738	20,74483543	2,304870604
ENSG000002154133	ROBO4	0	0	14,30808984	2,74497138	0	3,066738941	0,927691917	0,046983445	0	20,72400128	2,302666809
ENSG000002107404	DVL1	0,038925958	0,483512107	0	2,755882009	0	4,188365924	0,80794247	0,851196722	4,356525896	20,72235109	2,302483454
ENSG000002167548	KMT2D	1,349926016	1,073353381	3,446763248	3,923259564	2,577021173	1,060985382	3,47286689	1,758231284	2,032200195	20,69460713	2,299400793
ENSG000002165948	IFZL7L	0	5,235370121	0	0,22150677	8,231047236	0,774624934	3,248955183	2,103785447	0,867704476	20,68263417	2,298077004
ENSG000002143373	ZNF687	0,060211977	0,424006958	11,51656957	0,825221299	0	3,985738148	2,718127053	0,156752641	1,057949842	20,65457748	2,294953054
ENSG000002174516	PEL13	5,696475919	7,854388693	0	0,066463315	0	4,141425501	1,949488093	0,925822782	0	20,6340643	2,292673811
ENSG000002123485	HJURP	0	0	0	7,51186789	0	5,818376676	7,289823006	0	0	20,62006757	2,291118619
ENSG000002149639	SOGA1	0,030272568	1,145982505	2,450308719	1,150030606	0,023981138	6,204335423	2,195207144	3,287796365	4,120270143	20,60818461	2,28979829
ENSG000002166896	ATP23	0	2,014893298	5,096719579	2,745032796	0	2,942207402	3,394147845	0	4,412947177	20,6059481	2,289549788
ENSG000002271724	ZNF717	4,229356804	8,521907667	0	0	0	0,542475074	2,888147846	0	4,423759515	20,60564714	2,289516349
ENSG000002137804	NUSAP1	0	1,025934609	6,768211106	4,084199602	0	4,501226081	3,054929823	1,163560835	20,59806206	2,288673562	0
ENSG000002130270	ATPB3	0,021544136	0	1,307861886	1,004454564	0	7,096280766	4,185922111	6,925275367	0	20,59431185	2,288256872
ENSG000002163464	CXCR1	0	0,215548232	11,06110522	6,712135367	1,732078179	0,133368631	0,353011384	0	0,374855776	20,58075111	2,286750124
ENSG000002140945	CDH13	4,756042451	1,386312381	2,849138429	2,840108567	0	3,130104304	2,480955318	0	0,3333699	20,54780313	2,286447928
ENSG0000020204851	PNMA8B	6,092725515	0,876599346	0	2,085205028	0	2,53114574	2,597823801	1,860419832	4,522962947	20,56688221	2,285209134
ENSG000002119636	BBOF1	0	9,800172581	0,060116803	0,112861148	0,077663828	3,982714968	2,225036164	0,285843051	3,978980473	20,52338902	2,280376558
ENSG000002183048	SLC25A10	2,363805188	2,250714995	0	7,267551753	0	2,025615587	4,739245657	0	1,843574811	20,49050799	2,27672311
ENSG000002112320	SOBP	8,172794639	0,237744649	0	1,8717786397	0,727787293	4,476118156	1,684592171	2,678633606	0,68265347	20,47811038	2,275345598
ENSG000002163482	STK36	0	8,694237883	0	0,976218143	0,055980911	2,586291141	6,102376241	0,056913964	20,47201828	2,274668696	0
ENSG000002138834	MAPK8IP3	0	0,104284686	0,05405544	7,737984176	0	2,710060951	1,573716366	7,196630347	1,208413904	20,46091197	2,273434663
ENSG000002181894	ZNF329	0,105059493	13,54691912	0,193265422	2,963108634	0,499352318	0,115349184	2,907771309	0,129296033	20,446003512	2,273337235	0
ENSG000002154310	TNKK	0,311997354	0,140535639	0	6,404805442	0	2,97097032	0,909681827	7,418036675	2,467536388	20,44636314	2,271515127
ENSG000002149548	CDCD15	0	0	1,082044265	0,14891874	5,159980615	0	5,159980615	0	14,02615262	20,41709624	2,268566249
ENSG000002172878	METAP1D	0,033654916	0,059719822	0,061910935	7,90359834	2,327921232	3,6607157	6,32903626	0	6,73625752	20,26406192	2,264061912
ENSG000002108557	RAI1	5,774827124	0	0,143170632	0,05375669	0,147967673	2,358432178	2,326396761	4,52696719	5,034779085	20,36629733	2,262921926
ENSG000002105609	ILRB5	3,682472222	1,031756306	1,465763669	0	1,842415779	0,756610867	0,482784518	10,40701716	0,68861743	20,35743526	2,261937251
ENSG000002073899	NOL12	5,518674312	0,971799833	2,557385912	0,581957011	0,901047639	1,572612101	2,098751023	2,303000889	3,834023599	20,33925232	2,259916924
ENSG000002164929	BALCL	0	0	0,347997119	10,58374208	0	0	0	0	0	20,33080781	2,258978646
ENSG000002113083	LOX	0	18,03082135	0	2,163873956	0,064740859	0,05981993	0	0	0	20,3192561	2,257695122
ENSG000002182568	SATB1	1,283747303	0,679396975	1,677948284	3,204455981	0,40142806	1,644392779	4,87145413	0,886477713	5,664447992	20,31774922	2,257527691
ENSG000002198846	TOX	0	0	0	0,064017413	10,48454061	0,040704263	0	9,728201203	0	20,31746349	2,257495944
ENSG000002022453	ZNF844	0,160560716	1,343152095	10,92848294	4,575660615	0	0,201470038	2,761566202	0,050157038	0,394937965	20,31598761	2,257331957
ENSG000002143951	WDPCP	0,033333214	0,850638677	4,455857469	0,191863952	0,15843421	1,378521703	1,328509398	6,025571525	6,08100753	20,30373768	2,255970853
ENSG000002162836	ACP6	0,05039959	3,44316418	1,692032621	3,502920946	0,029943929	2,282601947	1,192663875	2,70012404	5,408191134	20,30204226	2,255782474
ENSG000002056806	C17orf100	0	0	0	0	0	5,83436547	9,635959208	0,133562881	4,657431035	20,30213859	2,251257622
ENSG000002077742	ZNF670	0,036004425	0	0	0,3730307	0,427826474	0,079061509	3,168895686				

ENSG00000136870	ZNF189	5,986320306	0	0,161945878	0,30403143	0	1,93312644	8,844689876	0,096252423	2,111277125	19,43764348	2,159738164
ENSG00000178623	GPR35	11,22196379	0	0,054612986	0,256321193	0,141170789	2,412059465	2,908742471	2,401980157	0,036512087	19,43329924	2,159255471
ENSG00000117262	GPR89A	5,570520947	1,542985794	0	0,89152392	4,391295249	2,804458588	1,263502714	0,415939934	2,506471708	19,38669885	2,154077651
ENSG00000138286	FAM149B1	0,768393107	0,143525759	0,706760589	3,002864688	0,576664058	2,242334838	1,242446751	7,782213821	2,884811533	19,35001514	2,150001683
ENSG00000009849	RASSF7	2,043659269	2,34650915	4,53348611	1,349305756	0	2,24381486	2,49543222	0,788626653	3,548321989	19,34921989	2,149913322
ENSG000000083454	P2RX5	0	0	10,01170252	0	0	0,535727148	1,807570605	0	6,970398625	19,3253989	2,147266544
ENSG0000013921	LEUTX	0	0	19,32481972	0	0	0	0	0	0	19,32481972	2,147202191
ENSG00000164334	FAM170A	0	0	0,605181638	0	0	0	0,728419925	17,98446985	0	19,31806641	2,146451824
ENSG00000173064	HECTD4	0,041693342	0,295935253	0,664718346	2,375844982	7,74515439	2,044699465	0,611600073	4,588946005	0,88026266	19,28485541	2,138761713
ENSG00000163322	ABRAXAS1	0,039254597	3,064878037	4,946522089	1,118438	0,0466447	0,323244402	1,694884339	3,86272387	4,127777024	19,22436706	2,136040784
ENSG00000171843	MLLT3	0,074622504	0,893806667	0,343185307	15,81716945	0,93104548	0,040965574	0,6970574	0,367149519	0,022944015	19,18794592	2,131993991
ENSG00000179299	NSUN7	3,202037859	0,909110019	0	0,132701292	5,296359753	3,487557914	1,084757914	4,537243595	0,535580756	19,18531645	2,131701828
ENSG000000272325	NUDT3	0,259482798	1,354252526	3,088667766	2,161279588	0	4,122626451	2,458711556	1,368466391	4,355191229	19,16867831	2,129853145
ENSG00000172723	HINFP	0	6,842582556	0	0,238757093	0,073021054	3,879568182	3,814114403	0	4,307951106	19,15559439	2,128443822
ENSG00000182405	PGBD4	0	8,079990614	2,988580713	0,079023312	0	1,984696481	6,022727929	0	0	19,15501905	2,12833545
ENSG00000103351	CLUAP1	0,799836483	5,919478701	0,179434611	1,751693607	0	0,942430335	7,143353526	0,81051598	1,607502839	19,15424608	2,128249565
ENSG00000167716	WDR81	0,993017778	0,338862631	2,107772771	1,450921128	7,805916503	2,075716807	1,617335254	0,62637666	2,137246749	19,15316628	2,128129587
ENSG00000133985	TTCT9	0	0,052638791	19,04496556	0,051223984	0	0	0	0	0	19,14882833	2,127647592
ENSG00000172638	EFEMP2	0,055997988	5,465188069	0	0,483481517	0	3,28931475	4,091676567	2,449024032	3,305774715	19,14045764	2,126717515
ENSG000000262180	OCLM	0	0	0	6,198681523	0	4,316677901	0	0	8,619578522	19,13493795	2,126102416
ENSG00000173068	BNC2	7,830176408	0,017499315	1,015916305	0,034057949	0,07303951	3,324058412	5,437075015	0	1,394788883	19,1238818	2,124875755
ENSG00000175305	CNCE2	0	0	14,54069201	2,729817792	0,163346619	1,169712958	0,51363793	0	0	19,11720731	2,124134145
ENSG00000178665	ZNF713	0,116597663	0	8,751225338	6,966319538	0	0	0,52279305	2,753621396	0	19,11055698	2,123395221
ENSG000000070018	LRP6	0,014573302	0,051719934	0,026808766	0,629122805	0	4,272169349	4,102077592	0,73295352	9,266337353	19,09576262	2,121751402
ENSG00000143228	NUF2	0	0	0	7,660676	0	5,527062639	5,821942829	0	0,110557122	19,06563859	2,118404288
ENSG00000102075	HOXB5	0	0	1,361979907	0,255693263	0	0	0	14,89464979	2,549584823	19,06190778	2,117989753
ENSG00000196218	RYR1	2,631302139	0,80618954	0,87059223	2,727164027	0,022494052	0,374117179	2,184826326	1,655794889	3,224521558	19,04300194	2,115889104
ENSG00000205784	ARRDC5	0	0	11,46966921	0	0	1,721904642	0,842596857	0	4,992214273	19,02638499	2,114042776
ENSG00000122711	SPINK4	0	0	0	7,214791924	11,032797	0,76456487	0	0	0	19,01215379	2,112461533
ENSG00000170917	NUDT6	1,857071192	0	0	2,335785693	0,381402336	2,013783362	2,493796615	3,659797213	6,259737209	19,00137362	2,111263752
ENSG00000103260	METRIN	2,949298208	0,363434535	0	2,970796675	0	3,687901136	5,64599488	1,164448191	2,216656812	18,99853044	2,110947826
ENSG00000163013	FBXO41	5,18811759	0	0,173499001	2,117185539	0	1,11835865	2,615596735	1,979885063	5,799729193	19,99237177	2,11026353
ENSG00000183439	TRIM61	15,92118075	0	0,103492219	0	0	2,964894893	0	0	0	18,98956786	2,109951985
ENSG00000180549	FUT7	3,8011155996	0	5,163717009	4,54414623	0	0,706275675	4,709993113	0	0	18,92528802	2,10280978
ENSG00000187609	EXD3	5,046993317	0,212389703	0,513758599	2,755748907	0,047408256	0,941802614	0,662549608	4,144063883	4,587894345	18,91260923	2,101401026
ENSG000000042317	AL049834.1	0,043978629	7,101548896	0	0,835356438	0	1,64172282	4,308934568	0	4,976100131	18,90764148	2,100849054
ENSG00000108846	ABCC3	0,07858064	0,055775767	0,809510429	0,027138323	0,074699437	15,87495898	1,004806611	0	0,947111762	18,87258195	2,09695355
ENSG00000135540	NHSL1	0,141901464	0,061352706	0,063603729	2,806073403	0,041084263	0,986998054	4,80866734	5,027776854	4,665262256	18,86672007	2,09630223
ENSG00000134207	SYT6	13,14519855	0	0	0,102247247	0	0	0	0	5,607438172	18,85488396	2,094987107
ENSG00000156076	WFI1	0	18,7075814	0	0,123841943	0	0	0	0	0	18,83142334	2,092380372
ENSG00000164237	CMBL	6,809570984	6,536029908	0	4,650088765	0	0,815619386	0	0	0	18,81122904	2,09013656
ENSG00000196943	NOP9	0,824921229	0	0,776977592	4,871404214	2,278011227	4,213478477	4,099684461	1,721665128	7,78613223	2,087348036	2,086519364
ENSG00000187180	LCE2C	0	18,77867427	0	0	0	0	0	0	0	18,77867427	2,086519364
ENSG00000111676	ATN1	0,118147436	1,362723222	0,217341751	2,040148355	0,070194985	2,367371403	5,714344675	3,939896133	2,942448848	18,77261681	2,085846312
ENSG00000175662	TOM1L2	4,919789659	0	0	0,033185168	0	3,122824032	3,686079956	2,395366953	6,08937027	19,0618279	2,085134121
ENSG00000107815	TWNK	0	7,392548491	0	1,830015541	0,434241285	3,250001623	0	0	5,842816903	18,74962384	2,083291538
ENSG00000111837	MAK	5,864205771	0	7,104082037	1,852354292	0	3,572612986	0	0	0,35181547	18,74507056	2,082785617
ENSG00000147606	SLC26A7	0,289807711	0	17,94853124	0	0	0	0	0	0,504937011	18,74327597	2,082586218
ENSG00000105137	SYDE1	0	0	15,1472506	0	0,090594738	1,088212663	1,80418994	0	0,609486577	18,73973452	2,082192724
ENSG00000198756	COLGALT2	16,22222114	0,034350756	0,035611081	0	0	0	0	0	2,404624488	18,69680746	2,077423052
ENSG00000166863	TAC3	0	0	18,57919185	0	0	0	0	0	0	18,68480011	2,076808901
ENSG00000177096	PHFAT2	0,308263098	0	0	3,193818539	0	2,843020898	6,296552769	2,831140725	3,184640529	18,65743656	2,073048506
ENSG00000160360	GPSM1	8,02903571	0	0	0,10157064	0	4,682178595	0	0	5,823528627	18,63631363	2,070701515
ENSG00000182700	IGIP	1,048772035	1,008052632	0	3,772917504	0	2,302980822	7,583371714	2,197800767	6,098671136	18,61256661	2,068062957
ENSG00000116128	BCL9	13,91525236	0,042353815	0,043907771	0,783093432	0,113447336	1,467539456	0	0,83508973	1,094040131	18,60972403	2,067747115
ENSG00000111261	MANSO1	0,793092568	13,88558993	0	0,182599702	0	0	0,021950723	0,231234827	3,47893245	18,59340002	2,065933355
ENSG00000102048	ASB9	0,063948612	0	0	0	0	2,597838061	7,805390945	8,110539533	0	18,57771715	2,064190795
ENSG00000158113	LRRC43	18,55456628	0	0	0	0	0	0	0	0	18,55456628	2,061618475
ENSG00000173597	SULT1B1	12,88572024	0	0	0	0	2,788413054	0	0	0	18,51597983	2,057331092
ENSG00000123342	MMP19	0	0,573934076	0	0,111701616	0	10,54669645	6,284258923	0,990172077	0	18,50703614	2,056337349
ENSG00000166965	RCCD1	0	0,05396297	0	2,153015488	0	7,412348640	1,262531012	3,657456473	3,964526335	18,50387868	2,05598652
ENSG00000171365	CLCN5	1,477209035	0	0,024262905	0,182201257	2,726998881	3,229297251	1,850788698	7,412209466	1,5896796	18,49264709	2,054738566
ENSG000000066739	ATG2B	0	0,150472503	3,938831369	2,78213497	0	6,761647381	2,033084083	1,738397346	1,082018894	18,48658655	2,054065172
ENSG00000090907	PCBP4	0,040425514	0	0	0,392324424	0	1,686624375	1,544043679	15,20458684	0	18,47568041	2,052853379
ENSG00000112208	BAG2	0	0	3,260028224	0	0	1,396931634	1,66010964	8,098155842	3,660486305	18,46803607	2,052004008
ENSG00000123843	CBP8B	0	0	0	16,30334112	0,673135037	0	1,489494725	0	0	18,46597088	2,051774542
ENSG00000100497	SNX16	0,032793093	8,612199656	0	0,453012109	0,155866989	2,268308666	6,725514758	0,215126672	0	18,46282194	2,05142466
ENSG00000180035	ZNF48	0	0	0	1,533271752	0	6,026666248	3,049626125	0	7,842882083	18,45244621	2,050271801
ENSG00000143458	GABPB2	0,065778897	0,145903798	2,359609067	0,908686385	0,820706104	4,008286868	4,574225837	0	5,52139521	18,44059217	2,044954685
ENSG00000116194	ANGPTL1	0	18,18417121	0	0,072522228	0	0	0	0,091838401	0	18,34853184	2,03872576
ENSG00000215193	PEX26	1,764024621	0,013377002	0,027735605	1,106484053	9,656490662	1,55605829	1,539820488	0,346177397	2,327137794	18,33730591	2,037478435
ENSG00000184305	C											

ENSG00000100890	KIAA0391	1,428429915	5,415070469	1,393483739	6,839172207	0,102869534	1,710908267	0,610998466	0,047326635	0,053235899	17,60149513	1,955721681
ENSG00000166592	RRAD	0	8,709171771	0	0	0	2,072586842	6,818187935	0	0	17,59994655	1,955549616
ENSG00000100802	C1orf93	0,496957479	1,133792812	0	2,084047248	0	3,741464732	3,389496871	5,743988254	1,004103832	17,59385123	1,954872359
ENSG00000106479	ZNF862	0,287077778	4,775742106	0,033006424	3,377097154	0,596965756	2,639755079	2,800810071	2,00096924	1,081272808	17,59269643	1,954744047
ENSG00000196312	MFS014C	3,372392708	1,523659557	1,602454659	1,396753138	0,029574038	1,311654069	0,371978255	4,353910138	3,627241008	17,58962072	1,954020302
ENSG00000135537	AFG1L	1,68099333	0	0,986911594	0,092639636	0,127497352	2,257954594	0,50485104	8,016459922	3,314873487	17,58218096	1,953575662
ENSG00000135622	SEMA4F	0	6,286933036	0,044641095	0,041903802	0	0,63944979	8,241105795	0	0	17,5819649	1,953551656
ENSG00000162878	PKDCD	0	0	0,071040148	0,00115711	0	6,52957547	3,911929595	0	0	17,579197322	1,952441468
ENSG00000099904	ZDHHC8	2,235847491	0,048383616	0	1,62216238	0	0,957982399	7,357967864	3,398551127	2,347393282	17,57028896	1,952254329
ENSG00000135119	RNF72	0,023294369	4,174863883	0	1,649195924	4,539484889	2,404130447	3,442842469	0,050937963	1,280559115	17,54530906	1,949478784
ENSG000000011465	DCN	0,012042602	15,15083504	0,022153339	0,145564618	0	0,11899866	0	0	2,088329586	17,53792384	1,948658205
ENSG00000170893	TRH	0	0	0	17,537715	0	0	0	0	0	17,537715	1,948635
ENSG00000153944	MS12	0,049212524	0,57385931	3,375491106	11,39936453	0,083539021	0,856800689	0,30354784	0,04612002	0,830057976	17,51799301	1,946443668
ENSG00000143147	GPR161	0	3,631286668	6,56314382	1,185645376	0	1,138196223	1,743885584	1,265920029	1,986954918	17,51503468	1,946114964
ENSG00000115306	SPTBN1	0,073620697	1,64023418	0,346102002	13,23532026	0	0,107774965	0,006792093	2,092829773	0	17,50267397	1,944741552
ENSG00000142330	CAPN10	1,97797881	0	0	0	0,096329813	2,091683773	6,428335143	2,215897046	4,686044285	17,49290604	1,944029874
ENSG00000168237	GLYCTK	4,30682812	1,507610049	0,489865409	0	0	4,222171539	3,166856523	3,722041436	0,077532967	17,49290604	1,943656227
ENSG00000196839	ADA	0,053795148	10,21402421	0,098960519	2,415204464	0	1,358470368	3,350044464	0	0	17,49049918	1,943388797
ENSG00000204590	GNL1	3,390637371	2,760194079	0	0,181079094	0	2,091632299	3,497380293	3,095674297	2,471935006	17,48853244	1,943170271
ENSG00000141013	GAS8	7,696816244	4,488931079	0,049506696	0,046471055	0	1,506934891	1,899372791	0	1,787304043	17,47533668	1,941704089
ENSG00000149930	TAOK2	1,180685016	0	1,300094993	0	0	7,402193095	4,233966588	0,112252712	3,240897342	17,47008975	1,941121083
ENSG00000204947	ZNF425	0	0	0	0,071196446	0,195971374	0,497958075	0	16,6795075	0	17,4446334	1,938292599
ENSG00000197566	ZNF624	0	0	0,054580817	0	0,070511986	0,032576198	1,15788447	0	16,12883622	17,44438969	1,938265521
ENSG00000149503	INCENP	1,323150484	0	0,187234014	10,60377872	0	1,37824233	3,098728451	0	17,42564914	1,936183238	1,936183238
ENSG00000138092	CENPO	0,027385025	0,291564335	7,556544916	4,634220281	2,405372623	0,864508104	0,059883031	1,582962404	17,42199072	1,935776747	1,935776747
ENSG00000198853	RUSC2	3,717658478	0	0,091588268	0	0	5,590528383	2,157966398	0	1,582965315	17,36340684	1,929267427
ENSG00000204227	RING1	0	2,366393823	3,219846706	1,151395365	1,386554218	1,738720881	3,114266376	1,093550692	3,280247497	17,35097556	1,927886173
ENSG00000131015	ULBP2	0	0	0	0	0	0	0	17,3261571	0	1,925128566	1,925128566
ENSG00000204022	LIPJ	0	0	16,8212339	0,115253964	0,317241645	0	0	0,027709879	0	0,041043843	17,32248324
ENSG00000100330	MTMR3	1,022357693	0	1,571933637	0,685076173	0	3,065902811	2,787384938	6,139549674	2,045569113	17,31777674	1,924197415
ENSG00000278677	HIST1H2AM	0	3,411475828	0	4,47696749	2,741355285	1,688657269	3,511892244	0,840800426	0,472891914	17,314716972	1,923863302
ENSG00000206535	LNPI	0	0	13,24407801	1,09292136	0,188019656	2,779653641	0	0	0	17,30467267	1,922741408
ENSG00000172244	C5orf34	0	0	0	0	0	0	6,219254647	11,06670998	17,28596327	1,920662636	1,920662636
ENSG00000105738	SIPA1L3	0,86123683	2,201706917	0,107411167	4,0582043	0,034690644	2,452117295	2,33923629	0,255359017	4,972902499	17,28286496	1,920318329
ENSG00000202976	ZNF839	0	4,413070484	0	0,51346775	0	4,74878216	3,793289107	0,177335188	3,590594706	17,26353939	1,915171044
ENSG00000181074	OR52N4	0	0	0	0	0,56288016	0	0,098330981	16,57352063	0	17,23473177	1,914970197
ENSG00000274349	ZNF658	2,496148184	0,664403056	0	2,640060656	0	0,102773432	1,891252165	9,347416013	0,076748512	17,21880202	1,913200224
ENSG00000155592	ZKSCAN2	0	0,714229072	0	3,276580731	0	3,36703352	0,38194926	0	9,476192536	17,21598512	1,912887235
ENSG00000168306	ACOX2	0	0,173695223	0,04501702	0	0	0	0	14,34793048	0	17,21459774	1,912733082
ENSG00000166845	C18orf54	0	0	0,173695223	0,04501702	0	2,60620663	1,889674636	10,54179916	1,956279182	17,21267185	1,912519144
ENSG00000080298	RFX3	0,054117851	2,472793089	1,119984283	1,985806504	0,064306123	1,827110837	2,448968786	3,43185691	3,793804913	17,1987493	1,910972194
ENSG00000089505	CMT1M	2,166090091	0	0	1,424900885	0	2,491489889	3,340165835	1,804420847	5,962311636	17,18937918	1,90993102
ENSG00000126243	LRFN3	1,307831348	0,530449061	0	0	9,76828132	0,533342606	3,78520784	0,65367867	0,954729437	17,176222032	1,908468924
ENSG00000103126	AXIN1	3,769243371	1,245186414	0	2,527299077	0,238236395	1,320768821	2,447145921	0,876833137	4,743135016	17,15920815	1,906558684
ENSG00000164106	SCRG1	0,118448419	13,39921811	0,054473858	0,255668209	0	0,682759575	0,319638314	0,064753002	2,257982428	17,15294193	1,905882436
ENSG00000157985	AGAP1	0,010827642	0,057640155	0,039836644	4,30030411	10,42151079	0,558741552	1,762122748	0	17,15098365	1,90566485	1,90566485
ENSG00000124614	RPS10	1,409852653	0,796011027	0,943104662	3,762421177	1,066082611	1,61829655	3,458681756	2,662534683	1,418675743	17,13566086	1,903962318
ENSG00000175513	TSGA10IP	0	0	0,404432734	0	0	5,63226982	1,277825884	0	8,291891391	17,12495508	1,902772787
ENSG00000110046	ATG2A	2,89372981	1,917011618	0	0,033312265	2,980038332	2,266364319	2,242543914	2,910760265	1,873641708	17,11812223	1,902013581
ENSG00000166323	C11orf65	0,160372057	6,260678166	0,073754338	6,092405881	0	2,11294977	0	2,3671354	0,049309239	17,11660485	1,901844983
ENSG00000044202	RIPOR2	0	2,990265314	0	8,208507024	0,239092904	0,138074714	0,167071015	5,279913196	0,029799528	17,1157237	1,901747077
ENSG00000104848	KCNA7	0	0	0,063581907	0	17,00304924	0	0	0	0,042508354	17,1091395	1,9010155
ENSG00000149657	LSM14B	0,089493971	1,826255849	0	4,945169788	0	3,979495621	1,89487324	2,935456626	1,430858826	17,10160372	1,900178191
ENSG00000106624	AEBP1	0,06079685	12,56831342	0	4,199315624	0,216727545	0,033375694	0	0	0	17,07852914	1,897614348
ENSG00000177685	CRACR2B	0,559493858	0,634805871	0,065809683	4,756627141	0,085018358	2,523074689	3,68331467	0	0	17,07324427	1,8970272141
ENSG00000156510	HKDC1	0	0	0	0,08503849	0	0	0	16,97946984	0	17,06450833	1,896056482
ENSG00000167216	KATNAL2	1,579663085	0	0,058118356	0,163664002	5,706237345	0,346875552	5,58753517	0	3,613574445	17,05566796	1,895074217
ENSG00000204316	MRPL38	0,41253227	1,756868141	0,910663715	1,282235747	2,549018865	2,400562535	1,54140451	1,26292218	4,921406678	17,0376147	1,8930683
ENSG00000176732	PFN4	0	0	0,26323873	0	0	0,157112289	5,346747102	11,2648148	0	17,03191292	1,892434769
ENSG00000078237	TIGAR	0,336014611	1,050535155	2,09895462	0,38681593	0	6,552800202	4,304573017	0,944698573	1,338157933	17,00345004	1,889272227
ENSG000000888179	PTPN4	0,022764473	0,080789997	0	11,16383441	0,081150394	1,674602085	2,315473888	0,273785957	0,371870984	17,08427202	1,887141336
ENSG00000170085	SIMC1	0	4,359244944	0,050213168	0,188536831	0	5,96390982	1,654504017	0	4,767017009	16,98342579	1,88704731
ENSG00000123119	NECAB1	0,15716563	0,043234763	0,179284166	1,39563288	0	0,026751141	0,040461249	0,053278711	0	16,95062262	1,883403291
ENSG00000085185	BCORL1	2,607961325	0,603621311	0,09652979	4,046515364	0	3,029382716	5,037015579	0,371924851	1,162121825	16,92807276	1,880896973
ENSG00000131781	FMO5	0,05050487	0	0,0046453894	0	0	6,071927857	3,396756983	0	7,306556805	16,92620941	1,880689934
ENSG00000163577	E1F5A2	2,427150476	1,016239307	0,10635715	4,238250806	0,129621925	3,413428216	1,494503142	0	4,91104034	16,91144002	1,879048891
ENSG00000214309	MBLAC1	0	3,630900475	0	6,178329327	2,358918152	0,339797785	3,132081209	1,258270293	16,90326115	17,878140128	1,878140128
ENSG00000131845	ACO05261.1	0	0	0	6,10950799	0	0,035997088	0,735018217	3,7997466	6,12902395	16,87073665	1,874526295
ENSG00000151687	ANKK	5,852319774	0,884803404	0	0,906338918	0,062368451	3,976321567	1,917573674	0	3,259899053	16,85962484	1,873291649

ENSG00000196781	TLE1	0	0,052086636	12,52746367	0,405493356	0,279034609	2,900534558	0	0,064186979	0,036100723	16,26490053	1,80721117
ENSG00000239264	TXNDC5	3,272282702	0,611219512	0,063364509	0,773228783	2,865081829	2,080027745	3,174653944	0,828534361	2,584143574	16,25253696	1,80583744
ENSG00000111057	KRT318	0,098475445	4,193814273	0	3,485934819	0,117014514	2,000225265	5,069508364	0	1,271677083	16,23664976	1,804072196
ENSG00000102805	CLN5	1,424071741	1,892296924	0,012184628	5,478595342	0	1,658087643	2,276878997	2,027739084	1,466309021	16,23612738	1,804014153
ENSG00000116191	RALGPS2	0,049393301	0	0,151438276	9,325198482	0	1,446158873	5,222234346	0,036002895	0	16,23042617	1,803380868
ENSG00000039560	RA1A	0,099664009	0	0,036667999	1,273525137	0	1,597608772	0	13,20692177	0	16,21348769	1,801598632
ENSG00000125247	TMTC4	0,024082884	0,128256696	0,044320807	0,940459904	0,229029045	5,290515839	2,480599676	0,052684003	7,17073635	16,21069528	1,801188365
ENSG00000103512	NOMO1	1,517384539	0,324964335	2,021323434	1,80702891	0	3,446895638	2,346051914	0,915331212	3,828901688	16,20788167	1,800875741
ENSG00000227507	LTB	0,984433685	0,87342671	3,802985068	0,339980423	6,316725501	1,080850663	0,8173963	0,645800458	0,8173963	16,19339799	1,799266443
ENSG00000275713	HIST1H2BH	0	0	0	14,06008844	0,348657808	0	0,791803066	0	0,992384342	16,19293365	1,79921485
ENSG00000174996	KLC2	0,496439181	0,1076678956	6,291208665	2,095480723	0	2,452775454	2,244222036	0	1,526390491	16,18319551	1,798132834
ENSG00000101107	PDLM1	0	11,19766772	0,124822676	1,288857082	0	0	3,549452589	0	0	16,16080006	1,795644452
ENSG00000111371	SLC38A1	0,015088424	0	5,384736815	9,014827879	0,035857967	0,049698625	1,64119955	0	0,018556817	16,15996068	1,795551786
ENSG00000183230	CTNNA3	0	0,048067043	0	0,023387557	16,02944663	0	0	0,029616794	0	16,13051803	1,792279781
ENSG00000167291	TBC1D16	0,117453591	0	0,048014526	5,566192135	0,124058223	1,10330032	6,80502362	0,941734237	1,412427149	16,1182038	1,790911534
ENSG00000205403	CFI	8,090227476	2,310146462	1,197452734	0,053525123	0	2,314239839	1,956050304	0,06778145	0,114367091	16,10379048	1,789310053
ENSG00000111057	TSPAN1	15,74865441	0,339420253	0	0	0	0	0	0	0	16,08807466	1,787563852
ENSG00000135931	ARMC9	0,046923891	0,083265293	0,086320287	2,32278313	0	3,125527892	3,909178132	6,498557895	0	16,07255652	1,785839613
ENSG00000143199	ADCY10	0,073844553	0	0,13584302	0,042504475	0,058497726	0	0,020438236	15,71703758	0	16,04816559	1,78312951
ENSG00000092621	PHGDH	0,032789535	0,029092112	6,303335216	4,98259255	0	1,728841506	0	2,964027208	0	16,04067813	1,78229757
ENSG00000102221	JADE3	0	15,20634376	0,053987201	0	0	0	0	0,770094156	0	16,03042512	1,781158346
ENSG00000070731	ST6GALNAC2	3,463153814	0	5,652920024	0	0,115919155	0,535540919	2,956531387	0	3,299405657	16,02347096	1,780385662
ENSG00000102043	MTMR8	0	0	0,495861753	0,186182643	0	3,314660113	3,370555556	0	8,354142635	16,0214027	1,780155856
ENSG00000128641	MYO1B	0	0,112511067	0,087479314	0,76640924	0	2,40172659	0	12,65169591	0	16,01982212	1,779980236
ENSG00000173621	LRFN4	6,118827772	0,521170068	0	2,789392343	0	0	5,446396012	0	1,143856146	16,01964234	1,77996026
ENSG00000205543	EBLN2	0	1,277627159	0,331125788	0	0	0,790520913	0,224187609	1,771239492	1,162232569	16,01702666	1,779669628
ENSG00000019102	VSIG2	0,104430249	0	0,768431511	11,90166436	0,248180748	0,343974934	0,346842659	2,283583742	0	15,9971082	1,777456467
ENSG00000077942	FBLN1	0,124456201	13,17705368	0	2,543086232	0	0,045548545	0,034446213	0,045358211	0	15,96994908	1,774438787
ENSG00000141098	GFOD2	0,035174714	0	0,129413454	2,186605932	0	2,375116496	3,022853669	3,499714344	4,715379639	15,96425825	1,773806472
ENSG00000167779	IGFBP6	7,409582217	3,386637445	0	5,040348692	0	0,123261944	0	0	0	15,9598303	1,773314478
ENSG00000170956	CEACAM3	0,154667933	0	15,36430434	0,089025921	0,122523897	0	0	0,225475652	0	15,95995779	1,772888639
ENSG00000204514	ZNF814	0,698074315	0,019979286	0,082849286	2,119209614	0,9172161	0,284326299	0,476789131	0,541655651	0,80315165	15,94325134	1,771472371
ENSG00000162850	ATXN7L2	0	6,918801608	0	0,149618678	0	3,488181085	1,58276795	0	3,800760299	15,94011262	1,771125513
ENSG00000154102	C16orf74	0	0	13,89263218	0	0	0	0	0	2,045078649	15,93771983	1,770856759
ENSG00000110944	IL23A	0	0	0	0	0	6,196999469	4,686497969	0	5,048462405	15,93195984	1,77021776
ENSG00000105662	CRTC1	0,303783456	2,040713097	1,59666915	0,149876493	7,992995271	0,619424899	0,576543743	2,419897034	0,213439995	15,91339714	1,768155237
ENSG00000244734	HBB	0,811176376	0	0	12,80662452	0	2,290176672	0	0	0	15,90797757	1,767553063
ENSG00000237489	C10orf143	4,503809403	3,818789313	0	1,800608399	0	2,971823573	1,952702275	0	0,845873174	15,89360614	1,765956237
ENSG00000171747	LGALS4	0	0	0	0,234442924	15,487549	0	0	0	0,166978007	15,88896993	1,765441103
ENSG00000173480	ZNF417	0,658745854	0,152468916	0	0,148370911	0,204198754	1,037727261	4,613579304	3,256747064	5,812106932	15,883945	1,764882777
ENSG00000196172	ZNF681	12,86195869	0	0	0	0,055274364	1,310921801	1,502822358	0,0269237	1,771116563	15,87419798	1,763799775
ENSG00000135625	EGR4	0,127143938	0	0	0	0	3,001327218	0	0	12,7442083	15,87267946	1,763631051
ENSG00000125388	GRK4	0,063813586	1,641916808	0,176085367	6,336047736	0,151654368	0,035031794	2,728767778	2,930374121	1,805097134	15,86878869	1,763198741
ENSG00000131848	ZSCAN5A	4,360946933	0,63374773	0,03457894	0,194751816	0,357375338	5,076998959	2,871817526	0	2,334929562	15,8651477	1,762794189
ENSG00000139618	BRCA2	0,01231244	0,4151114316	0,022649727	6,335613188	4,359856091	3,10921801	1,502822358	0,0269237	1,771116563	15,85562639	1,761736266
ENSG00000221995	TIAF1	0	0,100484167	0	1,955667788	10,22781833	0,310868609	0,141057147	0	3,099183152	15,83507919	1,759453244
ENSG00000187792	ZNF70	1,11046673	5,447841789	0	1,54154668	0	2,65361297	2,621498291	0,04761305	2,410113401	15,83269291	1,759188101
ENSG00000140025	EFCAB11	0	1,67952108	0,10045053	6,69466991	0	4,816242952	2,070517404	0,238810817	0,223857531	15,82407022	1,758230025
ENSG00000129911	KLF116	1,069899523	2,802563049	0,187444436	3,639496525	0	3,635936442	2,11514383	0,557037369	1,754541323	15,8174419	1,757493544
ENSG00000156500	FAM122C	0,108968125	6,805463503	0	1,245825988	0	1,042282804	1,087756365	3,487436069	2,12489474	15,81264513	1,75696057
ENSG00000201697	CDCD7	0,01578508	0,028010237	0	2,153333646	0	1,039865727	1,992216699	8,560302177	2,019015807	15,80562937	1,756503264
ENSG00000110274	CEP164	4,593311391	3,638713556	0	2,043612937	0	1,63388983	1,313468891	1,229905338	1,640239343	15,79314129	1,754793476
ENSG00000168661	ZNF30	0	0	0	0,734312612	0	2,054994393	0	0	7,702661459	15,79196846	1,754663163
ENSG00000133627	ACTR3B	0,100339024	2,759761621	0,138436304	1,602688257	0	5,838818436	1,062248827	0,109706032	4,164887202	15,7768857	1,7529873
ENSG00000178852	EFCAB13	0,520446709	0,963672956	2,039686261	5,118670511	0,107552424	2,01239244	0,67638993	0,940140279	3,585219484	15,77471099	1,752685666
ENSG00000131778	CHD1L	3,548516075	1,433914439	2,262102642	0,36401066	0	1,504420482	1,604479949	1,382892866	3,672856171	15,77319328	1,752577031
ENSG00000134901	POGLUT2	0	0	0	0,781911311	9,531373128	0	5,424873087	0	0	15,73815753	1,74868417
ENSG00000125378	BMP4	0	0,086609173	0	0	15,54320112	0,107177375	0	0	0	15,73698767	1,748554186
ENSG00000149260	CAPN5	0,049245746	0	0	8,631220441	0	1,567999584	4,824995658	0,64611615	0	15,71957758	1,746619731
ENSG00000215790	SLC35A2A	0,215508398	2,537840789	0,072080928	4,2288817817	1,39680102	0,086042047	1,54540147	4,798220091	0,819237879	15,69995044	1,744438938
ENSG00000079313	REXO1	1,706392893	2,018634881	0	0,093541844	0	2,825148734	4,565419859	1,954533201	2,531696665	15,69536808	1,743929786
ENSG00000104884	ERC2C	0	0	0	7,484181442	0,055677138	2,752314993	1,906370936	0,614761986	2,881341431	15,69464793	1,74384977
ENSG00000154269	ENPP3	0,0777918	0	0,015557078	0,402988378	0	1,964449557	0	0	4,096505955	15,67045197	1,741161274
ENSG00000121570	DPP4A	0,030246311	0,053671337	0,166921597	12,69159304	0,503167093	1,494390703	0,075342473	0,462978778	0,185995319	15,64630665	1,740478517
ENSG00000177707	NECTIN3	0	1,59835843	0	5,038138035	0	0,021499362	0	8,991999375	0	15,6499952	1,738888356
ENSG00000008197	TFAP2D	0	0,14447306	14,97737602	0,140589965	0,38698011	0	0	0	0	15,64941916	1,738824351
ENSG00000099204	ABLIM1	0,014769873	0,078626332	0,543407485	11,50246052	3,334587677	0,113515203	0,024527482	0	0	15,61189457	1,734654952
ENSG00000167555	ZNF528	1,11605697	0	2,998144092	0,214131867	0	7,410542758	0,647209215	0,658544859	2,549125804	15,59375556	1,732639907
ENSG00000245680	ZNF585B	0	0,889300876	0,221263013	5,157775433	0	0,022009893	2,596626664	0	6,706056521	15,5930324	1,732591516
ENSG00000165698	SPACA9	0	3,609421184	0	0,09243180							

ENSG00000131591	C1orf159	0	2,968987663	0	0,20637059	0,05680442	1,889522544	3,096072729	0	6,820055863	15,03781381	1,670868201
ENSG00000167034	NKX3-1	0	0,322688833	0,245401464	1,611233033	1,512435789	1,205092424	0,151840064	6,353897228	1,814466814	1,814243048	15,0312987
ENSG00000160957	RECQL4	0	0	0	0	1,724782646	0,254332537	7,167524914	1,658720159	0	4,211819202	15,01717946
ENSG00000151090	THR1	1,33640822	0,366714989	0,329480424	2,141151323	0,622103693	1,951355251	0,835096119	7,351024296	0,067777725	15,00111204	1,666790227
ENSG00000197054	ZNIF763	2,70883624	0	0	0	0	0	1,807812962	0,970245098	0,232291436	9,275995136	1,666131208
ENSG00000196597	ZNIF782	0,065387525	9,978456083	0,060142817	0,056454992	0,155394869	3,733167455	0,298609617	0,071491685	0,565292758	14,98203263	1,664670292
ENSG00000285938	AC072022.2	0,660448298	0,703169581	1,214947985	0,228090013	0	2,03037419	2,412891	5,776828103	1,949439045	14,97618822	1,664020913
ENSG00000138380	CARF	0,014943688	6,5497502	0,109960482	0,154828923	0	0,032814592	1,451743359	0,065354938	0,561235013	14,94062919	1,660069911
ENSG00000285938	CARMIL1	0,300754204	1,604234934	4,624212941	0,797578695	0,628835621	0,435778547	0,952058553	0,723262588	8,840689069	14,93740515	1,659711684
ENSG00000177694	NAALADL2	3,090036031	2,236826075	0	0,809040967	0,106043863	2,572067113	0,018525075	3,488272786	2,606735511	14,92754742	1,65861638
ENSG00000141371	C17orf64	0	0	0	1,079135544	0	0	9,236442968	0	4,611576235	14,92715475	1,65857275
ENSG00000178538	CA8	0,039218939	0,034796522	0	2,742763164	0	0,43060103	0,048846483	11,62052528	0	14,91675142	1,657416824
ENSG00000154803	FLCN	0,55589419	0,438409156	0	3,146364909	0,073394143	3,780713121	2,987388857	0	3,931149613	14,91331399	1,657034888
ENSG00000068885	IFT80	0	0,151492655	0,078525452	1,253077562	3,043369003	0,421806551	1,772179831	3,220336887	4,934907654	14,87569559	1,652855066
ENSG00000196878	LAMB3	4,812645676	0	0	0,729966574	0	3,28465097	6,048064207	0	0	14,87532743	1,652814159
ENSG00000124785	NRN1	0	0,117297463	0	0	0	4,209454702	9,00137115	0	1,544656134	14,87277945	1,65253105
ENSG00000124467	PSG8	0	0	0	0	0	0	0,030677343	0	0,090878495	14,87259425	1,652510472
ENSG00000188037	CLCN1	0,045707977	0	0,084083515	3,630674178	0,108625996	4,315883121	3,263898534	0,09994996	3,316680222	14,8655035	1,651722611
ENSG00000173218	VANGL1	0	0,059290658	5,470476243	7,587163993	0	1,155596057	0	0,584516648	0	14,8570436	1,650782622
ENSG00000176224	ACBD7	0	0,075618161	0	14,49638748	0,202547965	0,046788093	0,035383624	0	0	14,85672532	1,650747258
ENSG00000143244	STON1	0	0,034782981	0,108177493	0,44005252	0,046584193	2,690209118	0	10,54441609	0,988417099	14,85261222	1,650290247
ENSG00000164953	TMEM76	0,054743595	0,032380389	0,335684216	0,03151008	0,086732893	0,701228135	2,621225388	10,65403086	0,314195304	14,83173086	1,647970095
ENSG00000198881	ASB12	0	0	14,82819114	0	0	0	0	0	0	14,82819114	1,647576793
ENSG00000138346	DNA2	0,030682349	8,384541729	0	2,119268829	3,500028839	0	0,789762496	0	0	14,82428424	1,647142694
ENSG00000139651	ZNIF740	0,233504193	0,088788742	0,03068213	0,403210778	9,988698854	0,036624851	1,523370477	2,407139234	0,102563406	14,81458456	1,646064952
ENSG00000133138	TBC1D8B	0	0,028180977	0,029214934	0,086270617	0,113226761	2,702694628	0,118679242	0	11,73870309	14,81297025	1,64588553
ENSG00000153443	UBALD1	1,220330423	2,837481482	0	2,543225873	0,20000977	2,725904769	3,074739409	0,552104541	1,65610936	14,80990563	1,64554507
ENSG00000186230	ZNIF749	0,065176006	0,404786284	2,098189231	3,376342134	0	5,903654336	0,784696922	0,42756252	1,723398848	14,78380628	1,642645142
ENSG00000122335	SERAC1	0,590329294	0	0,277803315	3,105522093	0,032626287	2,260978151	2,268428824	1,981346548	4,254867231	14,77190174	1,641322416
ENSG00000197457	STMN3	1,327873886	9,269062396	3,618114537	0	0	0	0	0	0,552201618	14,76725244	1,640805826
ENSG00000119661	DNAL1	0,017009294	0,4014282532	0,125159882	0,440570083	0,040422956	1,456666477	0,296586782	6,025484009	2,342954806	14,75913882	1,639904091
ENSG00000007372	IGF2BP2	0	0,113259557	0,234830073	14,16267972	0,151686396	0	0,026498486	0,069785548	0	14,75873978	1,639859975
ENSG00000121424	KRT222	0	0	0	0	0	0,157062711	0	14,59729277	0	14,75499248	1,639443609
ENSG000000066382	MPPED2	0	0	0,033912419	14,51584097	0	0	0	0,201558233	0	14,75131162	1,639034625
ENSG00000128731	HERC2	0,044922134	0,425137195	4,434900256	5,003311459	0,320275269	1,413893831	0,870328815	0,65487701	1,574580355	14,74222632	1,638025147
ENSG00000196123	KIAA0895L	0	6,166761449	0	0,109109335	0	2,393441311	3,279069935	0,069085212	7,19894744	14,73748465	1,637484665
ENSG00000122674	CCZ1	3,454090171	2,001370861	0	1,217236703	0	1,393122554	2,419269347	2,055260877	2,196289176	14,73663969	1,63740441
ENSG00000166337	TA1F0	1,246272748	0,691087629	0,907495168	0,851848573	0,802152586	2,651148391	3,01818668	1,589719569	2,969712469	14,72762481	1,636402757
ENSG00000204348	DKO	1,705399427	0,864625554	4,929917112	2,944852595	0	0,802469537	0,55629732	0	2,921408452	14,72671077	1,636107778
ENSG00000182492	BGN	0	14,61173129	0	0,108542003	0	0	0	0	0	14,72027329	1,635585921
ENSG00000162881	OXER1	0	0	0	0,439531119	0	2,515208069	5,072354803	5,751528126	0,939145817	14,71776794	1,635307548
ENSG00000143624	INTS3	0	0	0	0,274222291	0	5,357578573	4,315402648	1,325905401	3,44456151	14,71767042	1,635296714
ENSG00000167695	FAM57A	0	9,310486114	0	0,381483881	0	0,667038137	0	4,347823257	0	14,70683139	1,634092377
ENSG00000245806	NACA2	2,139274488	0,690198198	1,431042981	0,671647296	0,462184739	2,135271257	2,099246224	3,402157709	1,674292993	14,70531589	1,633923987
ENSG00000234905	FMN1	0,082763208	7,16957236	2,23465523	0,160927001	1,007821667	1,049542709	1,497189088	1,489807314	1,69227858	14,632475397	1,632475397
ENSG00000180934	OR56A1	0	0	0,030633362	14,62946551	0	0	0	0,021818094	1,668191696	14,68191696	1,631324107
ENSG00000106258	CYP3A5	0,169320187	0,245826424	0,028316196	0,02657991	0,18290595	3,53216976	1,610396438	2,322500271	6,550175554	14,66817269	1,629796965
ENSG00000129173	E2F8	0	14,07518481	0	0,568073239	0	0	0	0	0	14,64325805	1,627028673
ENSG00000196550	FAM72A	2,117065886	0,404024601	4,4823648	0	0	0,877137598	0,829172165	1,310208436	0,982535143	14,63868863	1,626520959
ENSG00000133793	ZNIF888	0	0,060337984	0	0,058716241	0	8,773399083	0	5,729291978	14,62174529	1,624638365	1,624638365
ENSG00000163697	APBB2	0,034990098	0,124178141	0,064367112	0,060420263	0,027718242	0	0	14,3079494	0	14,61962325	1,624402584
ENSG00000258818	RNASE4	2,665831794	11,20370474	0	0	0	0	0,058249922	0	0,69023778	14,61802424	1,624224915
ENSG00000189292	ALKAL2	0	9,316111786	0,139969838	4,073003128	0	1,086020895	0	0	0	14,61510565	1,623900627
ENSG00000250305	TRMT9B	0	0	0,053364573	14,4685028	0	0	0,067578138	0,012669338	14,60211485	1,622457205	1,622457205
ENSG00000186300	ZNIF555	0,017690303	9,793994852	1,041367732	0	0,168165555	0,252497951	2,562445458	0,783244533	14,58340638	1,620378487	1,620378487
ENSG00000066379	ZNDR1	3,045256598	1,606515251	0,227107924	2,237943134	0,39336685	2,213948327	1,435118176	1,259826782	2,226919112	14,58203199	1,620225777
ENSG00000099381	SETD1A	1,897182306	0,462894225	1,526883783	2,006562109	0,281793426	1,327909512	1,693416282	3,163293882	2,216625187	14,57656071	1,619617857
ENSG00000185278	ZBTB37	0,015527186	0,041328915	7,640739465	1,836626157	0,036900693	0,485866362	1,095867059	0,305580673	3,112719187	14,5711557	1,6190173
ENSG00000274010	CASTOR2	0	8,973678911	0	0	0	1,947592977	1,564927105	1,939454542	0,13635108	14,56200461	1,618000513
ENSG00000137834	SMAD6	0,052984071	0,783491118	4,061186579	2,119892354	0	1,047121452	2,639628303	0	4,756949138	14,56124502	1,617916113
ENSG00000217442	SYCE3	0	0	0,6936921615	0	0	0	0	0	7,601084756	14,53800637	1,615334041
ENSG00000091622	PITPNM3	0,169930358	0,301537251	12,19142408	0,19562176	0,033653598	0,046643401	0,011758067	1,584859294	14,5354278	1,615047534	1,615047534
ENSG00000198513	ATL1	0,034658388	10,33207707	0,063756903	0,059847471	0	0,114158654	1,611545549	0	2,301768854	14,51781289	1,613090321
ENSG00000244057	LCE3C	0	14,51121412	0	0	0	0	0	0	0	14,51121412	1,612357125
ENSG00000127586	CHTF18	0,025542693	0	0,093975693	3,131572548	0	4,85167846	4,02964217	0,111708779	2,2618238	14,50594441	1,611771572
ENSG00000117439	ACVR2B	0,028865439	1,365893665	0,070800407	0,171353453	0,091465786	1,014162073	0,455384204	0,378721567	1,91701419	14,49368809	1,610409787
ENSG00000130300	PLPAP	0,065843386	0	0	0	0	4,626700178	1,421450384	0,575920815	7,773972173	14,46388694	1,607908549
ENSG00000188739	RBM34	0	2,189659068	0,094583225	2,752291328	0	1,806443843	0,896521596	2,473480941	4,236718949	14,44969895	1,605522106
ENSG00000186318	BACE1	0,021016769	1,827393325	4,136838747	2,649270257	0,049946807	2,122916976	0,872536020	0,505532718	2,248768767	14,43421797	1,603801996
ENSG00000152413	HOMER1	0,024554854	1,96									

ENSG00000106004	HOXA5	0	0,155896512	0,161616337	2,57900847	0,417578538	0,675217463	1,386009481	8,452977309	0	13,82830411	1,536478234
ENSG00000155714	PDZD9	0	13,09483847	0	0	0	0	0	0	0,698146214	13,79298469	1,532553854
ENSG00000184148	SPRR4	0	0	0	0	0	0	12,02911305	1,759971065	0	13,78904412	1,532120458
ENSG00000178498	DTX3	0	0,13121703	0,068015684	8,810625519	0,104867731	1,627092634	0	2,137212227	0	13,78903087	1,532114541
ENSG00000056972	TRAF3IP2	0	0,170270511	0	6,892872075	0,3097390751	2,183062673	0	1,439755888	0	13,78353519	1,531483544
ENSG00000253293	HOXA10	0	4,782453316	0,066538193	0,013593878	0	0	0	0,19983497	0	13,76242036	1,529157818
ENSG000000065361	ERBB3	0,01671762	0	0,030753413	0,086603045	13,54785728	0	0,013880997	0	0,061681554	13,75749391	1,528610434
ENSG00000155974	GRIP1	7,153027013	0,244878539	6,008093464	0,15896452	0	0,126263757	0	0,050294455	0	13,74142175	1,526824639
ENSG000000284773	AC114490.3	0	0	0	0	0	0,039668142	13,68540258	0	13,72507072	1,525007857	0
ENSG00000109771	LRP2BP	0,061593983	0,145729348	7,327192826	3,970749613	0	1,84846023	0,136380796	0	0,227257976	13,71736477	1,524151641
ENSG00000255393	OOSP4B	0	0	0	13,65268239	0	0	0	0	0	13,65268239	1,51696471
ENSG00000121900	TMEM54	0	0	0	6,445112287	0	1,328196881	5,829826526	0	0	13,60313569	1,511459522
ENSG00000197361	FBXL22	6,606383554	4,229135032	0,07691757	0,553708169	2,682947881	0	0	0	0	13,59538404	1,510598226
ENSG00000169592	INO80E	3,553970981	0,71125199	0,049156516	0,070848486	6,223433979	0,762807249	0,865312634	0,116864569	0,75587445	13,59238054	1,510264504
ENSG00000141696	P3H4	2,766602227	0	0	0,070848486	0	1,486573183	3,236405523	5,92144487	0,100921272	13,58279556	1,509199507
ENSG00000137802	MAPKBP1	0,029180375	0,02588993	0,026839828	0,125970346	0	1,938319956	5,05176484	0,031904467	6,352193578	13,58206332	1,509118147
ENSG00000166839	ANKKDD1A	0	0	1,159861331	4,66603372	0	2,571234847	2,792107527	0,984803996	1,40317263	13,57721405	1,508579339
ENSG00000109072	VTN	0	0,140830882	0	0	0	6,796756819	5,930845525	0,683259273	0,5516925	13,5516925	1,505743611
ENSG00000062582	MRPS24	0,34778037	3,188493288	0,533141732	4,704236213	0,413253789	3,245661454	0,433154196	0,253497944	0,427725022	13,54694401	1,505216001
ENSG00000125848	FLRT3	0	0	0	0	5,326921742	0	0,12085372	8,020565499	0,071603361	13,53994432	1,504438258
ENSG00000240563	L1TD1	0,078888317	0	13,27861084	0	0,093739896	0	0	0,086252824	0	13,53749187	1,504165764
ENSG000000016391	CHDH	13,3315734	0	0,035697971	0	0	0,042612194	0,064451179	0	0,047732509	13,52206725	1,502451917
ENSG00000169583	CLIC3	0	0	0	8,646103661	0	2,678250601	2,025434416	0	0,15789849	13,50768717	1,50085413
ENSG00000221829	FANGC	0	0	0	0,722011551	0	5,876190874	1,041535683	0	5,862341876	13,50207998	1,500231109
ENSG00000166278	C2	1,999469215	1,603894508	0	1,182413334	0,520743219	1,142759093	0,977927184	5,150874172	0,90952621	13,48760694	1,498622993
ENSG00000115896	PLCL1	0,037210187	0,066028564	0,102676717	0,106063468	0	3,390932742	0,015448206	0,68465456	0	13,48365901	1,498184334
ENSG00000134323	MYCN	0,05776398	0	1,806445597	0,147076532	0,137277348	0	0	0	0	13,47225225	1,496916916
ENSG00000174938	SEZEL2	3,308990598	0	0,067635061	0,126975657	0,786388779	2,825727584	6,258252569	0,080397705	0	13,45436795	1,494929773
ENSG00000182667	NTM	0,021723774	0,038548304	13,14770738	0,037512216	0,154881056	0	0	0,047503532	0	13,44787627	1,494208474
ENSG00000126461	SCAF1	0,067701869	5,10575045	0,747258331	0,233812701	0	1,858317391	2,164250798	0,814242886	2,456304842	13,44763927	1,494182141
ENSG00000177352	CDCD7C	0	0	0	7,433039159	0,401024615	4,075971734	0	0,184497226	1,348969732	13,44077129	1,493419165
ENSG00000263002	ZNF234	0,057930064	0	0	2,300748249	0	3,180191234	2,116424998	1,076746724	13,443431195	13,44077129	1,493419165
ENSG000000082512	TRAF5	0,033498242	6,063064511	0	1,041194756	0,039804649	3,861806818	0,681450484	1,062137271	0,638577055	13,42153379	1,491281532
ENSG00000107186	MPDZ	0,013404646	0,023786215	0,049317857	0,208322077	13,12484941	0	0	0	0	13,41968021	1,491075579
ENSG000000093134	VNN3	12,92651528	0,069719709	0	0,135691614	0,280122888	0	0	0	0	13,41204949	1,490227721
ENSG0000000215375	MYL5	0	1,308009757	0,581143064	0,121224446	0	3,969521347	3,526576114	0,230267991	3,669443529	13,40618595	1,489576217
ENSG00000108556	CHRNE	0,901255889	2,817737575	0	2,593787024	0	1,319368403	1,567933714	1,876935913	2,32242175	13,39944027	1,488826696
ENSG000000049130	KITLG	0	12,3591639	0	0,042052373	0,05787551	0,695193392	0,242650118	0	0	13,3969353	1,488548366
ENSG00000140950	MEAK7	1,148566309	0	1,397227419	4,57444393	0	2,074644946	0,230728819	0	3,96436127	13,38996806	1,487774229
ENSG00000132763	MMACHC	0	0,159323827	0,220225866	5,994904989	0,213379407	1,774444671	0,298206374	0	1,711498287	13,37201942	1,485779936
ENSG00000140320	BAHD1	0	0,78735034	0,816238132	2,202971123	0	2,040008926	5,226971071	0,303206614	0,978179169	13,356474538	1,483860597
ENSG00000119630	PGF	0	9,147504483	0	0,494535617	0	0,314441134	0	0	3,394164604	13,35064584	1,483405093
ENSG00000119242	CDCD92	0,588050378	1,891309255	2,805830988	0,539449662	0	1,311466312	2,502387748	1,285893976	2,418287472	13,34267579	1,482519532
ENSG00000179750	APOBEC3B	0	0	0	0,825743591	0	2,975189667	9,529392304	0	0	13,33032556	1,481147285
ENSG00000102804	TSC22D1	6,494269808	1,155515258	0,550391531	0,425470492	0,083651885	1,835721499	2,718085459	0,038485275	0	13,30159121	1,477954578
ENSG00000151773	CDCD122	1,367137733	0,049509232	0	2,312569397	0,066306784	0	0,307065678	7,382308469	1,750031875	13,29859271	1,477614412
ENSG00000169231	THBS3	0	0,05800173	0	4,741193568	0	1,899831979	0	0	0,315031185	13,26697802	1,474108669
ENSG00000223638	RFLPA4	0	0	11,81751145	0	0	0	0	0	1,436494853	13,25400631	1,472667368
ENSG00000160072	ATAD3B	0,216378063	0,314147097	0,217115412	6,8953137	0,51422715	0,2807651	1,747634148	0,086028265	2,975673293	13,24728223	1,471920248
ENSG00000204438	GPANK1	0,69893881	0,826833179	0	2,94290537	1,88251564	1,483628345	1,586273084	2,547290838	1,719209272	13,23897971	1,470997745
ENSG000000065665	SEPA1A2	0,03858799	0	1,348728774	2,86522061	0,641936363	5,075756632	2,691396294	0,084380635	0,122546555	13,22546555	1,469496173
ENSG00000160181	TFF2	0,216181074	0	11,13511126	1,866487658	0	0	0	0	0	13,21777999	1,468642221
ENSG00000136213	CHST12	1,837780581	3,011522835	0	0,939080946	0,044566585	0,494149149	1,884079197	2,132365042	2,871418717	13,21496305	1,468329228
ENSG00000176222	ZNF404	0,060956261	0	0,336401895	0,315774475	0	4,684848878	0,101226569	0	7,646770985	13,14597906	1,46066434
ENSG00000196139	AKR1C3	0	0	0	13,14349016	0	0	0	0	0	13,14349016	1,460387795
ENSG00000024422	EHD2	0	0	0,216945967	12,82952919	0,093422878	0	0	0	0	13,13989803	1,45998867
ENSG00000198018	ENTPD7	0,017459338	0,557661005	7,001694001	1,266235579	0	2,300319954	0,115974888	0,801747651	1,073636755	13,13472917	1,459414352
ENSG00000213139	CRYGS	13,00422699	0	0	0,125449507	0	0	0	0	0	13,1296765	1,458852945
ENSG00000165246	NLGN4Y	10,90796994	0,312192339	0	0	0	0	0	0	1,904120848	13,12428313	1,458253681
ENSG00000197162	ZNF785	0,030515059	0,054148223	0,056134915	1,211935464	0,072519698	4,388991427	2,508393148	3,336374874	1,463653952	13,12266676	1,458074084
ENSG00000160447	PKN3	0	0	0	2,076405633	0	3,422853041	2,847396276	4,771968982	0	13,11862483	1,457624981
ENSG00000196700	ZNF512B	0	0,044824808	0,046469425	4,274762205	0	0,526964386	2,957425077	2,099049409	3,168897571	13,11839288	1,457599209
ENSG00000135835	KIAA1614	2,718024042	1,257075967	0,239362887	4,118818456	0	0,634942888	1,416523075	2,181399269	0,248933344	13,10579993	1,457231103
ENSG00000075643	MCCOS	0	0,044102824	4,057056562	0	0	7,791453388	0	0,052424967	1,149930885	13,09496863	1,454996514
ENSG00000157227	MMP14	0,101689482	1,263118439	1,496528124	1,117063964	0	2,791227737	5,319401693	0,667095358	1,330426181	13,09015071	1,45446119
ENSG00000160796	NBEAL2	5,559503596	0,089076323	0	2,405429693	0	2,177051002	0,791939642	0,137212261	1,923909466	13,08592225	1,454391362
ENSG00000177732	SOX12	0,979118168	0,173742117	1,440933558	0,83438269	4,964043782	0,752510175	1,327871764	0,142736314	1,485166593	13,06956074	1,452173416
ENSG00000143994	ABHD1	0,032637272	0	1,74112805	7,664612645	0	1,146682172	0,704580518	0	1,766144056	13,065578921	1,450643246
ENSG00000204152	TIMM23B	0	5,56890133	0	0,171667746	0	2,51048899	1,774744828	0,652173489	2,384215253	13,05018044	1,450020049
ENSG00000168234	TT3C9C	0,021022617	0,447649416	0,038672802	0,471919125	5,595598879	0,83093778	3,264183651	0,459703071	1,913208505	13,04296539	1,449218377
ENSG000000089091	DZANK1	0,022829819	4,37518296	0	2,523015316	0,054255559	0,726908404	5,25083577	0	0,084233302	13,03726103	1,4485

ENSG00000186854	TRABD2A	0,017228431	0	6,402004332	0	0,08188748	0,737716622	0,972749125	0,037673534	4,364882407	12,61414193	1,401571326
ENSG00000278619	MRM1	0	1,895511692	0	0,1418896	4,296131556	0,631524762	2,524416685	1,976498229	1,111643146	12,57761567	1,397512852
ENSG00000276644	DACH1	0,027978258	0,347527125	8,492263716	3,285239451	0,332454677	0,030718492	0	0,061180257	0	12,57736198	1,397484664
ENSG00000154710	RABGEF1	0,245974884	0,77595804	1,709409182	2,029336934	0,649516264	1,560381622	2,065075097	2,629611317	0,873939153	12,53920249	1,393244721
ENSG00000005100	DHX33	0	0	0,096037346	7,031586809	0,062034469	2,894622257	1,127043922	0	0,1326238973	12,52756378	1,391951531
ENSG00000182893	C12orf60	0,065529302	6,395407634	0,120546444	0,113154803	0,389329513	2,158420339	0,027205189	2,006107522	1,208888913	12,48458966	1,387176629
ENSG00000198182	ZNF607	0,064261353	7,92509845	0	0,277413326	0	0	4,215248236	0	0	12,48202137	1,386891263
ENSG00000168914	OTUD3	0,898958907	0	6,500333469	3,297217544	0,104318821	1,518135996	0	0	0,161957754	12,48182319	1,386869244
ENSG00000255833	TIFAB	0,02575602	0	0	0,182028544	0	0,028278605	1,069288665	2,369155832	0,850892621	12,46540029	1,385044476
ENSG00000279170	TSTD3	0,0499407	0,443092736	1,690407106	0,551914812	4,367613708	2,719665743	0,43954839	2,074908052	0,122841247	12,45993249	1,384436944
ENSG00000119599	DCAF4	0,189531266	1,53745637	0	4,675416137	0	1,426932034	3,979259768	0	0,632697352	12,44129293	1,382365881
ENSG00000204564	C6orf136	0	0,126601511	0	2,83357149	0	1,645005718	3,317440317	2,496200699	0,026166367	12,43698531	1,381887011
ENSG00000162971	TYW5	0,013074111	0,278396262	0,024050882	0,361218169	0	1,736907751	4,885070895	2,458675619	2,669192135	12,42658582	1,380731758
ENSG00000157212	PAXIP1	0,015670494	0,139034533	0,317098526	1,136499941	0,037241267	0,498953305	2,862539981	0,068533562	7,342893808	12,41846542	1,379829491
ENSG00000182218	HHIPL1	0	0	0	0,066599024	0	4,192227436	2,081564977	0,042168781	6,024121574	12,40668179	1,378520199
ENSG00000115604	IL18R1	0	0	0	5,874483692	0	0,038114077	0	0	6,489471947	12,40206972	1,378007746
ENSG00000121211	MND1	0	0	0,183970946	5,526088145	0	2,745045941	0	0	3,935862815	12,39067855	1,376774205
ENSG00000218891	ZNF579	0	0,565359639	2,093223637	0,157189744	5,949236394	1,849003415	1,43610621	0	0,358667209	12,38598625	1,376220694
ENSG00000128271	ADORA2A	0	0	0	0	12,17057065	0,197983982	0	0	0	12,36855463	1,374283848
ENSG00000185453	ZSWIM9	0,040156941	0	7,756553386	0,970791827	0	1,146339355	1,267040291	0	1,185308672	12,36619047	1,374021164
ENSG00000196155	PLEKHG4	0,020620984	0,439097162	0	0,035607939	0,441055934	0,022640635	3,612751099	1,037117229	6,720705295	12,32959628	1,369955142
ENSG00000130427	EPO	0	0	0	0	12,3163056	0	0	0	0	12,3163056	1,3684784
ENSG00000185033	SEMA4B	0,021568737	0,459278333	0,039677433	0,297956009	0,10251714	3,575863129	4,853334281	0,047164511	2,917944255	12,31530383	1,368367092
ENSG00000077463	AC016586.1	0,164907862	1,755749728	0	0	0,261271402	1,629532765	2,190824276	4,808069371	1,487313019	12,29766842	1,366407603
ENSG00000182890	GLUD2	2,303329998	0,860463699	1,003538263	1,884007037	2,016705011	0,86515744	0,754935812	1,192904576	1,416399488	12,29744132	1,366382369
ENSG00000182156	ENPP7	9,095804978	3,121471324	0	0,074087159	0	0	0	0	0	12,29136796	1,365703651
ENSG00000189007	ADAT2	0	7,300019273	0,761377583	0,049898227	0,092210964	0,976287146	1,193733327	1,910885459	12,28441198	1,364934664	1,364934664
ENSG00000184785	SMIM10	0,203790385	0	11,96465157	0	0,111874967	0	0	0	12,28031692	1,364479658	1,364479658
ENSG00000088038	CNOT3	2,348295043	1,022092362	1,059592812	0	0	1,313468867	1,765892372	1,370980256	3,460270976	12,27759269	1,364176965
ENSG00000167984	NLR3	0	0	0,083115592	10,49357276	1,664321096	0	0	0,027783902	12,26879335	1,363199261	1,363199261
ENSG00000035499	DEPDC1B	0	0,070452444	1,241634704	10,69518025	0,188711268	0	0	0	0,04882988	12,24480855	1,360534283
ENSG00000130822	PNCK	6,97524732	4,424263997	0	0	0	0,6191919017	0	0	2,23190249	12,23737172	1,359747969
ENSG00000102886	GDOP3	0	0	0,176832124	0	9,823189772	0	2,234840519	0	0	12,23486241	1,359429157
ENSG00000108001	EBF3	0,032686691	0,116003461	0,120259615	0,056442781	10,3315235	0	1,574146497	0	0	12,23106254	1,359006949
ENSG000000080128	CDK11A	0	0	6,341335591	0,667090397	0,706229189	0,913568564	0,863610938	2,664270849	0,073095977	12,22920151	1,358800167
ENSG00000283208	AC001226.2	0,049181634	0	10,81159376	0,339703791	0	0	1,020914011	0	0	12,2213932	1,357932577
ENSG00000171044	XKR6	0,029009516	0,51476675	0,960576268	6,71247583	0	0,286656784	1,589756558	0	2,104999964	12,19824167	1,355360186
ENSG00000244272	DBNDD2	0,601380708	1,649209118	1,307431725	0,566429033	0,389780256	2,401021371	2,315118282	1,554142322	1,412003244	12,19651606	1,355168451
ENSG00000077463	OPHN1	7,435036114	0,165744839	0	0	0	2,994553616	1,411521846	0	0,183801728	12,19065514	1,354517571
ENSG00000109193	SULT1E1	0	1,544003839	0	0	0	1,273785618	0	8,56212411	0,802600144	12,18251371	1,353612635
ENSG00000206432	TMEM200C	1,747189339	1,587981388	0,026130861	0,098114298	0,067515988	2,666921284	1,521495848	0	4,484865875	12,17021488	1,352246098
ENSG00000140092	FBLN5	0	0	0	1,836461715	0	0,100086815	0	10,23264094	0	12,16918947	1,352132163
ENSG00000174827	PDZK1	10,90677103	0	0	1,157372871	0	0	0	0	0,074938114	12,13908201	1,34878689
ENSG00000124882	EREG	0,052906062	0,281612463	0,048657465	0,045673897	0	0,029040885	2,21818721	9,427767286	0,032530461	12,13637027	1,348485586
ENSG00000162062	TEDC2	0	2,259623596	1,268868834	3,298335353	0	5,184705522	0	0,116025322	0	12,12755768	1,347506049
ENSG00000081026	MAGI3	0	1,848376041	0,066075612	0,124048003	6,231419204	3,154943222	0	0,07854399	0,618457645	12,12186372	1,346873746
ENSG00000107614	TRDMT1	0,009778721	2,377237689	0,053966239	0,135085731	1,85914731	2,276130348	0,479049349	2,44139287	12,11223929	1,345804366	1,345804366
ENSG00000183918	SH2D1A	0	0	4,46075671	7,740613258	0	0	0	0	0	12,08668893	1,342965437
ENSG00000145362	ANK2	0,240463485	1,265375988	0	0,239091286	1,89175176	2,758500041	3,587030453	0,435164049	1,672455534	12,07983259	1,342203622
ENSG00000178917	ZNF852	1,821422057	0,2394125	5,70851989	2,155043317	0	1,629478878	0,280067705	0,147515432	0,082967197	12,06442698	1,340491886
ENSG00000008516	MMP25	0	0	11,39155375	0	0	0	0,502354132	0,155654511	0	12,05562599	1,338839221
ENSG00000162614	NEXN	0,034064601	0	6,015800158	0,117644263	0,080955262	0,710617889	0,028284565	3,798954676	1,256852044	12,04317346	1,338130384
ENSG00000149050	ZNF214	0	0	0,053872112	0	0	2,475797366	1,50758926	8,00471336	0,20419721	12,0419721	1,3379969
ENSG00000196150	ZNF250	2,362065465	2,296173169	0,075568873	1,170430089	0	2,097279276	0,886836654	0,853371861	2,9876764	12,04049303	1,337832559
ENSG00000162366	PDZK1P1	0	0	0,194391678	0	0	3,944726999	0	0,231073124	7,667793576	12,03798538	1,337553931
ENSG00000177181	RIMKL4	0,014204791	1,260302689	0	0,441514339	0,067515988	1,606391183	1,167659604	0,031061719	7,442246521	12,03086963	1,336766315
ENSG00000165684	SNAPC4	0	0	0	0,213548588	2,992638747	1,268381949	0	5,551747138	7,55217138	12,02631102	1,33626578
ENSG00000273983	HIST1H3G	0,12535095	4,559859811	1,729448977	2,08529473	0,275256038	2,393876098	0,548211643	0,30833102	12,02562927	1,33618103	1,33618103
ENSG00000203910	C1orf146	0	0	11,90444892	0	0	0,115534376	0	0	0	12,01998329	1,335553699
ENSG00000078053	AMPH	0,110118835	9,330501369	0,253215612	0	0	2,26299196	0,060199411	0	0	12,01702719	1,335225243
ENSG00000171912	TLN2	0,018645268	0,446655192	3,532845974	0,080490769	0,044310882	1,74007021	2,879570825	0,876592412	2,39631829	12,01549982	1,335055536
ENSG00000285976	AL135905.2	0,534589283	2,002632862	1,748302509	0,717981455	1,341044282	1,56519412	1,923483863	0,974158513	1,205372491	12,01275938	1,334751042
ENSG00000149848	HMG2A	0	0,017408427	0,523367063	11,36709524	0,069944337	0,010771316	0	0,021452611	0	12,01003899	1,334448777
ENSG00000128322	IGLL1	0,168274578	0	0	11,0417918	0,798816353	0	0	0	0	12,00988273	1,334431414
ENSG00000165495	PKNOX2	0,02311266	0,123038544	0,042517605	0,119731558	11,69960791	0	0	0	0	12,00800828	1,334223142
ENSG00000066185	ZMYND12	0	9,466728109	0	0,478506047	0,164657287	0	1,725864264	0	0,170423221	12,00623313	1,334025903
ENSG00000152377	SPOCK1	0	11,46098007	0,089671	0,168345145	0	0	0,283320105	0	0	12,00224432	1,333582702
ENSG00000100036	SLC35E4	9,343008257	0,049637542	0	0,144910204	0,199435881	1,474214676	0,650346038	0	0,137613123	12,00916572	1,333240636
ENSG00000178078	STAP2	7,320613329	0	0,377346312	0,129832806	3,119070856	1,043318017	0	0	0	12,00181132	1,332242369
ENSG00000112186	CAP2	0	0,080138075	1,827723305	0	0	0	0	10,07302029	0	12,00888167	1,331209074
ENSG00000232593	KANTR	8,326531988	1,863785434	0,168014566	0,183997665	0,1085						

ENSG00000144792	ZNF660	3,387401093	0,041170275	0	1,882994596	0,055138576	3,260640844	2,273222659	0,050734618	0,456555252	11,40785791	1,267539768
ENSG00000124406	ATP8A1	0,0674661	0,21549049	0,049643736	6,034660097	2,308818917	1,348143806	0,851481849	0	0,531037478	11,40674247	1,26741583
ENSG00000057294	PKP2	0,021455427	0,101296976	0	0,037048839	0	1,224953853	0	0	0,105549636	11,40197752	1,266886391
ENSG00000079156	OSBPL6	0	3,64120404	0,193579456	0,249850689	0,125040927	0,014442077	3,669745086	0,661559458	2,831053395	11,38647513	1,265163903
ENSG00000164850	GPRI1	0	5,237483831	0	0,083552666	0	0	0,642819504	0	5,415316531	11,37917253	1,264352504
ENSG00000125885	MCM8	0,058943143	3,416709922	3,939647743	2,34098469	1,307410114	0,280436549	0,032627833	0	0	11,37675999	1,264084444
ENSG00000056736	IL17RB	0,049642106	0	0	3,514564375	0	5,014301111	2,184601707	0	0,610533391	11,37374221	1,263746912
ENSG00000196517	SLC6A9	10,04670008	0	0	0,354050169	0	0	0	0	0,972641229	11,37339148	1,263710165
ENSG00000163624	CDS1	0,035068594	4,355985149	0,129023021	0	0	0	6,842777447	0	0	11,36285421	1,262539357
ENSG00000171160	MORN4	0	0,106744427	0,221321735	6,128647891	0	0,198141612	4,695147774	0	0	11,35000344	1,261111493
ENSG000000991972	CD200	0	0	0	11,34120585	0	0	0	0	0	11,34120585	1,260133983
ENSG00000055163	CYFIP2	0	0	0	4,104297518	0,136832746	0	0	0,062951908	2,478425711	11,33109813	1,259010903
ENSG00000204131	NHSL2	0,051206564	0,060576528	9,215764041	1,621080267	0,060846754	0,121813933	0,063776855	0,1119373761	0,010496245	11,31753495	1,257503883
ENSG00000083807	SLC27A5	1,995977631	3,374746668	0	0,227606831	0,447498495	0,908665467	2,892462482	0,617634706	0,833704025	11,29929631	1,255477367
ENSG00000163155	LYSMD1	6,32639949	0,855317385	0	0	0	1,190745766	0,800448689	0,790513319	1,333826715	11,29725136	1,255250151
ENSG00000125746	EML2	0,01837434	0,032604815	0	1,586423727	0,043667016	4,075138192	2,05964188	0,040179301	3,43490654	11,29093581	1,254548423
ENSG00000186603	HPDL	0	0	0	1,12126754	0	0	0,077022917	0	0	11,28969831	1,254410924
ENSG00000152409	JMY	0,066451438	2,358328937	0	2,467063304	0	1,805754958	2,910536505	0	1,675397408	11,28353255	1,253725839
ENSG00000078687	TNRC6C	0,108800699	2,968361625	0,075055377	4,555970216	0,032320902	3,150673358	0,124216871	0,059478817	0,200716251	11,27559412	1,252843791
ENSG000000277117	FP56260.3	3,691113135	0,159750968	2,152958765	0	1,604636025	1,334401421	0,710138906	0	1,605465936	11,25846516	1,250940573
ENSG00000135919	SERPINE2	0,016876068	3,59239031	3,413845137	2,388820801	0	0,018523007	0	0,18445605	1,639150972	11,25405695	1,250450772
ENSG00000259494	MRPL46	1,605048236	0,963334271	0	2,771567799	0,056094586	2,099149752	1,352304422	1,445199608	0,957971764	11,25067063	1,250074514
ENSG00000120324	PCDH10	0	11,16579149	0,084492431	0	0	0	0	0	0	11,25028392	1,250031547
ENSG00000173715	C11orf80	0,120406829	8,11904064	0	0,900970696	0,095383145	1,498262844	0,399905441	0	0,098723252	11,23269285	1,248076983
ENSG00000182698	RESP18	0	0	11,21674084	0	0	0	0	0	0	11,21674084	1,246304537
ENSG00000158428	CATIP	0,316461928	7,159812568	0,291078638	0,478153095	0	1,433258909	0,624067096	0,086501196	0,827065675	11,2163991	1,246266567
ENSG00000116016	EPAS1	0	0,367771225	2,058829426	0,21473184	0	6,758392714	0,326969731	1,450268298	0,025489854	11,20245309	1,24471701
ENSG00000125864	BFSP1	0	0	4,205572545	1,238492908	0	5,659957378	0	0,098022714	0	11,20240554	1,244671727
ENSG00000108515	ENO3	0,035207495	1,811770271	0	0	0,502028251	0,154623091	0,17540121	7,467882817	1,039216341	11,18611298	1,242903275
ENSG00000168589	YDNLRB2	0	9,971473972	0,187951385	0,352853245	0	0	0	0,670252672	0	11,18253127	1,242503475
ENSG00000234511	Scorf58	0	3,452833544	0	2,458558178	0	0	1,182195339	0	4,085821784	11,17948084	1,242156538
ENSG00000274290	HIST1H2BE	0,116913401	0,518649903	0,107535822	6,258401712	1,111388913	0	0,1019294767	2,045242971	0	11,17742789	1,241936388
ENSG00000090905	TNRC6A	0,337924626	1,612822024	0,450152844	3,199310685	0,055385185	1,612024419	0,754679665	0,356730718	2,794576792	11,17360696	1,241511884
ENSG00000170782	OR10A4	0	0	10,89570237	0,262246206	0	0	0	0	0	11,15794858	1,239772064
ENSG00000166780	BMERB1	1,33535567	0,61149829	0,158483523	0,297531328	0	1,466142497	2,467917021	2,166475215	2,648895699	11,15229924	1,23914436
ENSG00000170419	VSTM2A	0,025324379	0,04493749	0	0,30610773	0,77292443	0	0	0	0	11,14929403	1,238810448
ENSG00000186973	FAM183A	0	10,81474259	0,329751007	0	0	0	0	0	0	11,1444936	1,238277066
ENSG00000120833	SOCS2	0,023330334	0,082798209	0,042918033	0,295825804	1,275235985	3,842301452	0,019371674	0,153049823	1,63551826	11,14344957	1,238161064
ENSG000000267855	NDUFA7	0,106943079	0,37953574	0,393460862	1,662006208	0,762457627	0,352251755	1,953536662	4,209357548	1,135262012	11,13481149	1,237201277
ENSG00000185158	LRRCC3B7	1,44350171	0	0,0442573	1,620198059	0,114350435	0,554708185	6,512231847	0	0,828483143	11,11773068	1,235303409
ENSG000000009971	CFH	0,018552556	0,131684223	0	0,288325939	0	0	0	10,66964902	0	11,10821174	1,234245749
ENSG00000188322	SBK1	10,36498499	0,053778981	0,055752126	0,261667644	0,360125895	0	0	0	0	11,09639604	1,232923293
ENSG00000249221	ATP5MGL	0	0,335969696	1,739550056	3,918923273	0,898917503	1,245886684	0,785171039	1,240680479	0,930395606	11,09512164	1,232791293
ENSG00000130055	GDPD2	0,114564496	0	0	1,285881224	0	0,188677684	0	3,507266069	5,988231385	11,08462086	1,23162454
ENSG00000123219	CENPK	0	0	0	3,209457799	0,250023817	1,655640473	0,058236404	0	5,908789406	11,0821479	1,231349766
ENSG00000176058	TPRN	0,028614007	2,132543837	0,736928874	0,09882029	0,340009035	1,507992365	3,064887867	2,940811337	0,211149329	11,06175685	1,229084095
ENSG00000139131	ALG10	0	1,403884817	0	0,745173654	0	3,198181036	3,851897389	0,707737056	0	11,05680484	1,228533871
ENSG00000150773	PIH1D2	0	10,0797114	0	0,105470887	0,145156646	0,067061672	0,659302472	0	0	11,05673038	1,228522564
ENSG00000048342	CC2D2A	0,079065807	0	0,11635835	0,109223514	0,03758032	2,708460649	2,744171137	0,242051274	5,017622724	11,05453378	1,228281531
ENSG00000260007	AC107871.1	0	0	0,143449684	10,90775582	0	0	0	0	0	11,0512255	1,227913945
ENSG00000143248	RG55	0	0,040480374	0,041965595	0	0	1,077016123	0,151534217	5,487289014	4,23653757	11,03482289	1,226091433
ENSG00000149289	ZC3H12C	0	2,989196533	0	3,555265963	0,148273139	0	0,388533233	3,785945189	0,153465336	11,02067939	1,224519933
ENSG00000198003	CDC151	0,05636351	0,100015666	0	0,19282441	9,510386239	0,99014145	0	0,069319852	0,101820916	11,02244562	1,224245462
ENSG00000170954	ZNF415	0,039976341	0	0	0,411482499	0	0,57059193	5,476879571	0,087416552	4,424917197	11,01396409	1,223737788
ENSG00000163467	TSACC	0	0	0	10,99905274	0	0	0	0	0,99905274	11,022216971	1,222116971
ENSG000000068137	PLEKH3	3,806866344	0,055828024	0,057876348	0	0	2,763449123	0,28735658	1,92633102	2,089467458	11,09871749	1,220797211
ENSG00000143494	VASH2	0,016631144	0	0	0,832832298	0,158097091	0	0,013809193	9,964678792	0	11,08604852	1,220672058
ENSG00000165972	CDC38	0	0	0	10,94805683	0	0,033469957	0	0	0	11,08252679	1,220280754
ENSG00000144649	GASK1A	0	0	0	9,457571119	0	1,269914365	0,084739081	0	0,167353915	11,07957848	1,219953164
ENSG00000254469	FOXO2495.1	0	0,07344344	5,025112718	3,787881034	0	0,681637538	1,409006741	0	0	11,07708147	1,219675719
ENSG00000111206	PM1	0	0,624164337	1,384835546	0,073304254	4,538072521	3,867323971	0,067449391	0,41729164	0,97244166	11,07244166	1,219160184
ENSG00000124140	SLC12A5	0,5427770037	1,715579078	0,156010831	0	1,612380929	3,277613817	2,394203215	0,333809755	0,938724156	11,07910182	1,219010202
ENSG00000155511	GRIA1	0,060139521	0,035572035	0,073754338	0,103847828	0,105762927	0,044019787	0,016645043	0,043835841	0	11,05410791	1,217123011
ENSG00000185024	BRF1	0,401676158	1,323705476	0	0,396346889	0,02727406	3,528135602	2,42993352	0,702678506	2,13129983	11,094105004	1,215672227
ENSG00000176248	ANAPC2	4,263654797	0,098256504	0,76396143	0	0,197389635	1,884656606	0,827580057	0,484330623	2,417571103	11,093740076	1,215266751
ENSG00000017483	SLC38A5	0	0	0	1,688479179	1,340657824	1,982007885	4,121972082	0	1,803886105	11,09370037	1,215222564
ENSG00000131969	ABHD12B	0,033203817	0	0,061081103	0	0	1,822792537	5,045280324	0	3,961132204	11,09234898	1,213721109
ENSG00000136425	CIB2	0	4,87303728	0	1,945461134	0	1,159673183	0	0	2,944446299	11,092326179	1,213622191
ENSG00000152782	PANK1	0,118704297	0,472332025	0	0,717417448	0,564206665	3,084485715	2,053389827	0,043261923	0,2676050137	11,092144804	1,213494226
ENSG00000113657	DPYSL3	0	0,597614153	0,154885137	0,305755246	0	4,483445031	0,297115983	0,207100178	0,09116373	11,09116373	1,212404126
ENSG00000237440	AC080554.1	0,033662413	0,029866563	0	1							

ENSG00000135362	PRR5L	0,022840171	4,336637547	0	0,236639941	0	2,332177091	1,327527697	0,699226715	1,573066089	10,52811525	1,169790583
ENSG00000168913	ENHO	0	0	0	9,64545626	0	0	0,854369965	0	0	10,49982622	1,166647358
ENSG00000152583	SPARCL1	0,043460043	0,077118781	0	0	0	3,435594341	5,990243058	0,950343881	0	10,49676601	1,166306678
ENSG00000125434	SLC25A3	0	0	0	0,330130282	0	0,965572688	4,762284868	0,0969873	0,329181593	10,48415673	1,164906303
ENSG00000180044	C3orf80	0	0	0	10,4642797	0	0	0	0	0	10,4642797	1,162697745
ENSG00000170390	DCLK2	0	0	0	10,16322818	0	0	0	0,299306673	0	10,46253485	1,162503872
ENSG00000185442	FAM174B	0	0,060000448	0,062201857	4,787779769	0,080357472	3,823850839	0,617665541	0,073939263	0,956471249	10,46228437	1,162476041
ENSG00000143167	GPA33	0,051293473	0,091019009	0	9,034408489	0	1,013710245	0,255540391	0	0	10,44597161	1,160683512
ENSG00000159433	STAR9D	0,036366618	0	0,026759732	0,766125984	4,407728788	0,44719832	2,470031083	0,047713886	2,227367349	10,42929176	1,158810196
ENSG00000188056	TREML4	0,055719237	0	0	10,19878588	0	0,122352933	0,046264872	0	0	10,42312292	1,158124769
ENSG00000163687	DNASE1L3	0,096004175	0,085178526	0	0,331556512	0,099537963	1,791918554	0	0	0	10,40419573	1,156021748
ENSG00000160298	C21orf58	6,112657139	0	0,15690316	2,749267842	0,1351336	0,655526267	0,590170894	0	0	10,3996589	1,155517656
ENSG00000115687	PASK	0,042422956	0,075278495	0,026013485	0,048836791	0,100819074	1,816539161	3,346345182	0,401988525	0,921754228	10,39789462	1,155321625
ENSG00000139998	RAB15	0	0,213871984	0,055429731	0,312185413	0	6,815070549	2,977262115	0	0	10,37381979	1,152646644
ENSG00000134245	WNT2B	2,930866087	0,368386456	2,965360681	0,168698868	0,058043889	0,227935979	0,18251705	1,335197056	2,132714253	10,36972032	1,152191147
ENSG00000151882	CCL28	0	0	0	7,901876994	0	0	1,19257831	0	1,273484127	10,36793943	1,15199327
ENSG00000154783	FGD5	0,056015286	0,066265167	0	1,160714084	0	3,013574049	6,046389408	0	0,02296386	10,36592186	1,151769095
ENSG00000105926	MPP6	0,032257567	1,602727293	1,982562967	3,175001292	0	0,017708462	0,174096949	1,763446299	1,66625124	10,36005207	1,151116896
ENSG00000184349	EFNA5	0,131514857	1,540241254	1,596752527	1,635101669	2,000306589	0,779736392	1,113835845	1,15033792	0,388191169	10,33601822	1,148446469
ENSG00000125601	DNAAF4	0	2,650346967	1,51591056	0,444674463	4,406350213	0	0,55593535	0	0,760108476	10,33332603	1,148147336
ENSG00000162395	NBPF11	0,940153206	0	4,814519959	0,394890663	0	0,697454921	1,054904422	1,444644149	0,968764451	10,31533177	1,146147975
ENSG00000040191	PHLP2	0	0,042926759	0	0,751913799	0	2,05844388	4,469246597	0,052899154	2,930582317	10,30601251	1,145112501
ENSG00000196388	INCA1	0	4,834498392	0	0,33603989	0	5,127950858	0	0	0	10,29848914	1,144276571
ENSG00000165949	IFIT2	1,311786965	0	0	1,824720102	0	0,640117971	0,665625103	2,549772404	0	10,28964541	1,143293934
ENSG00000121005	CRISPLD1	0	0	0	10,25859004	0	0	0,027557727	0	0	10,28614777	1,142905308
ENSG00000196914	ARHGEF12	0,042470649	0,742865093	0,156256379	1,770577801	0,04325675	1,745305191	3,8941848	0,106138141	1,775936413	10,27699122	1,141887913
ENSG000001020417	PTPN20	0	9,878289395	0,061691101	0	0	0	0,111380676	0,219996383	0	10,27135756	1,141261951
ENSG00000135476	ESPL1	0,050993443	2,352651969	0,093806558	3,316721274	3,797193361	0,615866033	0	0	0,041810241	10,26904288	1,141004764
ENSG00000136848	DAB2IP	0	1,116401447	2,893405216	0,34307217	0,078693446	1,108857804	1,594670594	1,267142529	1,852967407	10,25521061	1,139467846
ENSG00000134627	PWIL4	0,033595058	0,059613606	0	0,116022665	0,079839382	0	9,95840563	0	0	10,24747634	1,138608482
ENSG00000115641	FHL2	0	3,561197707	0,041952928	0,196902335	0,054198241	0,125196632	0,700634211	5,535502112	0,028048072	10,24363224	1,13818136
ENSG00000102803	NBPF12	5,402743176	0,811210671	0,382260862	0,289289386	0	0,205334872	1,57010454	0,136317891	0,894475836	10,22737723	1,136415248
ENSG00000105146	AURKC	0,077572122	0	0	0,133950192	0	0,851697006	2,962851782	0	6,201244326	10,22731547	1,136368385
ENSG00000110987	BCL7A	0,690528126	0	2,709935466	4,690072658	0	0,935063418	1,032048428	0,05033276	1,032043743	10,22121559	1,135690622
ENSG00000181045	SLC26A11	0,277380203	1,968817459	0,056695921	0	0	3,180826884	1,381888217	0	3,335609619	10,2012183	1,1334687
ENSG00000163209	SPRR3	0,104865073	0	0	0	0	0	0	10,08960512	0	10,19447019	1,13271891
ENSG00000113971	NPHP3	0,062487572	0,52669265	0,114950935	4,232998329	1,670659506	0,102911554	1,452773409	1,639704253	0,192129145	10,18630735	1,131811928
ENSG00000113389	NPR3	0	0	0,083569526	10,06713751	0	0,016625972	0	0	0,018623762	10,18595677	1,131772975
ENSG00000107782	FGFR1	0,34933812	5,462797574	0	0,04016473	0,245062467	0,233496451	0,119860263	0,045322328	3,246575725	10,18586479	1,131742755
ENSG00000134940	ACRV1	0	0	6,283456125	3,892791212	0	0	0	0	0	10,17624734	1,130694149
ENSG00000136854	STXBP1	0,048365701	0	0,088972612	0,75165308	0,038314045	2,602032943	0,870113259	0	5,769906965	10,1693586	1,129928734
ENSG00000109591	HIVEP1	1,002369074	0	0,151556619	0,379369341	0,163161082	0,226138905	2,405665616	5,825016456	0	10,15326709	1,128140788
ENSG00000105085	MED26	0	1,509242027	0	0,048958905	0	0,622553759	1,76553	4,215675533	1,98747688	10,1494341	1,1277149
ENSG00000100505	TRIM9	9,223741932	0,029976747	0,03107659	0	0	0,092739283	0	0,147762803	0,623297448	10,1485948	1,127621645
ENSG00000185716	MOSM1	0,266765572	0,731570214	0,044612438	4,103936368	0	0,878679029	1,832418586	1,750014561	0,536870069	10,14486684	1,127207426
ENSG00000142549	IGLON5	0,173956912	3,601293171	0	0,10012854	0	1,846280401	0	2,916344993	1,497612037	10,13561605	1,126179561
ENSG00000187151	ANGPTL5	0	7,133845442	0	0	0	0	0	0	2,982334935	10,11617984	1,124019982
ENSG00000160469	BRSK1	0,432756125	0,628294194	1,592179687	1,494550753	2,991867054	0,259167784	0,163330294	2,06467837	0,483849316	10,11067358	1,123408175
ENSG00000165490	DIAS	0	3,666298184	0,104131897	0,97774676	0	5,00310973	1,057532298	0	10,10286506	1,122540562	1,118328276
ENSG00000121890	NPTXR	7,283373989	0	0	0,492330141	0,184794619	0	1,850848808	0,283391567	0	10,09473912	1,12163768
ENSG00000102697	SLC25A5	4,050568981	1,060470778	2,198758656	0,496873395	1,104653345	0,097208482	1,029198563	0	0,027222282	10,06495448	1,118328276
ENSG00000139714	MORN3	0,039188426	4,102795126	0	0,609028727	4,749739279	0	0,553162771	0	0	10,05391433	1,117010592
ENSG00000104332	SFRP1	0	0	0	0,11026198	9,93965731	0	0	0	0	10,04991929	1,116657699
ENSG00000188312	CENPP	2,431776161	0,086302543	0	3,05137992	0	1,957961961	1,211493389	0	1,296000853	10,03491483	1,114990536
ENSG00000183495	EP400	0,008078619	1,290178028	0,148612723	3,417752942	0,038398026	1,12647117	1,254367928	1,02460331	0,01739628	10,01739628	1,113044032
ENSG00000163596	ICA1L	0,014258404	1,846986791	0,052458973	2,511357559	5,455550511	0,015654895	0,082873403	0,031178955	0	10,01031949	1,112257721
ENSG00000105045	GRID2IP	0,036553113	0	0,915663801	0,063119249	0	0	0,15986191	0,134866852	0	10,01006493	1,112229436
ENSG00000169509	CRCT1	0	0	5,807383683	0	0	0	0	3,681722201	0,517678335	10,00678422	1,111864913
ENSG000001005513	SOX8	10,00642705	0	0	0	0	0	0	0	0	10,00642705	1,111825228
ENSG00000143369	ECM1	2,428562743	0	0,082732172	4,02879369	0	3,456470348	0	0	0	10,00604463	1,111782737
ENSG00000100092	SH3BP1	1,729802117	0,32887408	0,113646811	1,226799758	0,440454876	1,967050991	1,846660651	0,945642671	1,405625782	10,00455774	1,111617526
ENSG00000135338	LCAL5	0,025337118	8,812178407	0,046609675	0,087503345	0	0	1,030859535	0	0	10,00248808	1,111387564
ENSG00000178934	LGALS7B	0	0	0	0	9,479810901	0	0	0,513097155	0	9,992908055	1,110323117
ENSG00000180113	TDRD6	0,066855689	0,05931689	0	0,086583887	0,873861955	0,550527298	0,111023411	8,223402023	0,02055597	9,992127122	1,110236347
ENSG000001099326	MZF1	2,009989656	2,164051413	0	1,268930827	0	2,033278626	0,356289988	0	2,138721001	9,989261511	1,109917946
ENSG00000130158	DOCK6	0,024220319	0,709142972	6,928338739	0,690082879	0	0	0,030165972	1,588882357	0	9,970833237	1,10787036
ENSG000001026874	C19orf84	0	5,311556013	0	0	0	2,03988414	0,68563023	1,805653374	1,026944346	9,969668102	1,1077409
ENSG00000122786	CALD1	0,015350525	2,015695653	0	0,265070068	0	0,067415919	2,498190276	1,443385453	3,662558444	9,967666337	1,107518482
ENSG00000110484	SCGB2A2	0,100139543	0,177695162	0	9,683471556	0	0	0	0	0	9,961306261	1,106811807
ENSG00000139926	FRMD6	3,257800111	5,894795456	0,619964112	0,027717181	0	0	0,026650453	0,070185762	0,059211934	9,956319699	1,106257744
ENSG000001066279	ASPM	0	0	3,191358594	5,727724002	0	0,944751631	0,080666084	0	0	9,944500311	1,104944479
ENSG00000100276	RASL10A	0	2,950668502	0								

ENSG00000250486	FAM218A	0,069476124	8,260006439	0	1,199701033	0	0	0	0	0	9,529183597	1,058798177
ENSG00000176273	SLC35G1	0	0	0	4,546970563	0	4,300215563	0	0,677417476	0	9,524603602	1,058289289
ENSG00000172748	ZNF596	0	2,588587884	0,462683254	0	0,059773226	4,114626486	2,234574821	0	0,061866352	9,522112023	1,058012447
ENSG00000131188	PRR7	9,223520286	0	0	0,297701055	0	0	0	0	0	9,521221341	1,057913482
ENSG00000136866	ZFP37	0,047563919	0	0,874976704	6,077805515	0,226073366	0	2,290613552	0	0	9,517033057	1,057448117
ENSG00000197208	SLC22A4	1,379635429	0,102161007	0	0	0	7,133971876	0,507230302	0,364315951	0	9,487314564	1,054146063
ENSG00000197465	GYPE	0	0	0,260024887	0	0	7,439936175	0	0	1,759384117	9,45934518	1,051038353
ENSG00000213186	TRIM59	0,347735908	0,034280491	0,213229429	0,21071397	0	0,212107615	0,978482518	4,520135352	0,950378534	9,458051243	1,050894583
ENSG00000187607	ZNF286A	0,067120479	1,111633995	0	2,588487311	0	0,245647878	2,30357139	0	3,136882372	9,453343424	1,050371492
ENSG00000188070	C11orf95	0,025405274	6,626912242	0,046735054	0	0	0,362615585	1,793036015	0	0,593659032	9,448363202	1,049818134
ENSG00000122970	IFIT81	0,021584141	0	0	0,484524307	0,102590356	3,080756316	3,028779618	0,047198196	2,681116805	9,446549739	1,049616638
ENSG00000215501	NEURL4	0	0,999556888	0	2,791200701	0	1,478943552	1,037112955	2,624196727	0,512056868	9,443067693	1,049229744
ENSG00000117425	PTCH2	0	0	0,104229508	0,978383857	0	0,777608627	1,105569105	3,309977431	9,435154157	1,0483550462	1,0483550462
ENSG00000168038	ULK4	0,0962641	0	0	0,041556773	0	1,162615922	0	8,104303774	0,029598108	9,434338677	1,048259853
ENSG00000128242	GAL3ST1	6,73772496	0	0,179631728	0,168617108	0	0	0	0	2,341846323	9,427820119	1,047535569
ENSG00000164877	MICALL2	3,499753718	0	0,914927122	1,332660749	0	1,242775855	0	0	2,425644088	9,415761532	1,046195726
ENSG00000184481	FOXO4	0,043838286	0	1,935457608	0,151398303	1,562739523	4,187473215	1,383194841	0,095861493	0,05391544	9,413878709	1,045986523
ENSG00000178568	ERBB4	0,27865184	0,041205071	0,085433761	0	8,967591338	0,012747643	0,00964044	0	0,01427941	9,408549503	1,0455055
ENSG00000121742	GJB6	0	0	0	0	0	0	0	9,397680361	0	9,397680361	1,044186707
ENSG00000179104	TMTCD2	2,738444072	4,442070547	0,125404289	0	0	0	0,135676197	1,548353735	0,401926877	9,391875717	1,043541746
ENSG00000188266	HYKK	6,195877613	0	0	0,777272572	0,125851601	1,279142347	0,989340273	0	0	9,367484406	1,040831601
ENSG00000163827	LRRC2	0,053642375	0	0	0,046314337	0	0	0,022270204	9,208063028	0,032986603	9,363276548	1,040364061
ENSG00000079308	TNS1	0,018562812	2,223399669	0,068295584	0,240404436	0,110287311	0,988472817	1,240754465	3,7141162	0,75338557	9,357678865	1,039742096
ENSG00000183844	FAM3B	0,083973643	0	0	0	0	5,531889193	1,150464283	0	2,581918898	9,348246017	1,038694002
ENSG00000006837	CDKL3	3,215118525	0	0	0	0,114041773	0,737614504	1,952380523	2,203596671	1,121335003	9,344066999	1,038231899
ENSG00000109943	CRTAM	7,306594254	0	0	0	0	0	1,967060076	0	0,069371602	9,340325932	1,038113992
ENSG00000158555	GDPD5	0,061023956	0	0,028064624	0,07903129	0,072512376	0,820759037	5,991667545	1,901541681	0,375257996	9,329858504	1,036650945
ENSG00000168546	GFR2	0,026157274	0	0	0,225839514	0,062163327	1,09132801	0,086875771	7,836166825	0	9,328530722	1,036503414
ENSG00000165046	LETM2	0,024715501	2,499851816	0,045466159	0	0	2,008076983	0,759306883	1,567321305	2,401353494	9,306092141	1,034010238
ENSG00000108800	ARHGEF18	2,399349879	0,645089014	0	0,878850756	0	0,851505767	0,945806833	2,437849255	1,132665252	9,291116756	1,032346306
ENSG00000071205	ARHGAP10	0,603936661	0,024922576	0	0,072758149	0,033378338	3,300015189	1,492722604	3,25551298	0,500934022	9,28418052	1,031575613
ENSG00000122574	WIPF3	4,335241434	0,13263413	1,23750415	0,043023079	0,177634399	1,313059799	0,124125638	0,326893224	1,593407924	9,283523793	1,031502644
ENSG00000118242	MREG	0,041536715	0	0	2,72554399	0	0	0	0	0,181657266	9,283253849	1,03147265
ENSG00000078081	LAMP3	0,039923533	0,141686658	0,073442562	0,1413635363	0	4,471037998	3,878475256	0,261903224	0	9,280104594	1,031122733
ENSG00000158906	NPM2	2,079627727	0	4,173947727	0	1,849705896	0	0	0	1,171112356	9,274393707	1,03048819
ENSG00000143036	SLC44A3	0	0	0	0	9,262704125	0	0	0	0	9,262704125	1,029189347
ENSG00000166436	TRIM66	0,012858285	3,080256128	0,141923127	0,155424168	0,886181818	2,131764558	0,074735562	2,333736309	0,442792939	9,259672895	1,028852544
ENSG00000122859	NEUROG3	0	0,389741279	0	0	0	8,319643745	0,547109006	0	0	9,25649403	1,028499337
ENSG00000180870	CDC163	0	0,680810301	0	4,542937534	0	0,661957325	3,367720192	0	0	9,253425351	1,028158372
ENSG00000006902	MAST4	0,010297143	0,073088109	4,962915566	3,431717213	0,562841804	1,113056611	0,059849562	0,022516836	0,012664158	9,248947002	1,02766077
ENSG00000164236	ANKRD33B	0,030092715	0,053398785	0,359826873	3,845302822	0,321821954	1,602442093	0,349812735	2,683236655	0,245934633	9,23276207	1,02736207
ENSG00000186827	TNFRSF4	4,475400176	0	0	0	0	0,385390422	4,371788571	0	0	9,23257917	1,02584213
ENSG00000149243	KLHL35	0	0	0	0	0	0	5,426013167	3,801865685	0	9,227878852	1,025319872
ENSG00000198198	SZT2	0,040137133	0,142444714	2,183421131	2,128747801	0,027253361	1,32204679	1,947232518	0,06269154	1,368074119	9,222049107	1,024672123
ENSG00000185818	NAT8L	5,713940843	0	0	1,600010064	0,061168037	0,536927433	1,303643375	0	0	9,21568975	1,023965528
ENSG00000107779	BMPT1A	3,455998856	0,164475464	0,024358579	0,137189787	0,062936828	1,439287337	0,40680006	2,866545933	0,651407369	9,209000213	1,023222246
ENSG00000168282	MGA2T2	1,293465994	0,099792333	1,034537026	0,562660903	0	2,469826226	2,568242747	0,122975276	1,037475934	9,208976439	1,023219604
ENSG00000130669	PAK4	0,021238309	0,942171469	0,703252534	0,036673925	1,867512167	1,422423778	2,310135417	0,046441963	1,854547165	9,204396727	1,022710747
ENSG00000105610	KLFI1	5,492666668	0	0	0	0	3,295554596	0	0,410222927	0	9,198444191	1,022049355
ENSG0000019485	PRDM11	0	0,038470875	0	6,345549239	0,02576166	1,416309801	1,233101541	0,071112174	0,066659441	9,198694732	1,02188497
ENSG00000137869	CYP11A1	0	0	0,065895484	0	0,510775217	4,22789783	3,866574176	0,078329873	0,440551197	9,190320776	1,021113753
ENSG00000159640	ACE	0,018064623	0,833435984	0	0,686260543	0	1,804848935	3,269878347	1,224563251	1,333029448	9,170117131	1,018901903
ENSG00000119866	BCL11A	0,077273126	0,390262529	3,356930627	2,43260125	0,127136255	0,437259407	0,602131245	1,481769361	0,263176572	9,168540371	1,018726708
ENSG00000177595	PIDD1	0,283968688	1,694492571	0,332341707	1,604382423	0	0,935106581	3,45016626	0	0,857020683	9,157407113	1,017489679
ENSG00000103546	SLC6A2	0,02766073	0	0	9,122932482	0	0	0	0	0	9,150593212	1,016732579
ENSG00000165548	TMEM63C	0	1,517069307	0	0	0	0,234668425	7,394526874	0	0	9,146264607	1,016251623
ENSG0000019809	SF1	3,61223	0,182671332	0,085735165	0	0	1,526366403	0,556546569	0,325711747	2,854714939	9,143976154	1,01599735
ENSG00000160284	SPATC1L	2,396524267	1,149344192	0	1,342143033	0	0,711146921	1,452078424	0,566540193	1,513537901	9,131314931	1,014590548
ENSG00000054654	SYNE2	0,009632853	2,897307899	1,577116645	0,307725953	0,045785369	2,633501218	0,163966457	0,337027671	1,155009867	9,127162932	1,014129215
ENSG00000197256	KANK2	1,088122727	0,035106311	0	1,059044804	0	0,02172173	0,95277288	5,970145368	0	9,126913819	1,014101535
ENSG00000171502	COL24A1	0,031586658	1,008895485	0	1,990829133	2,965121848	2,670383446	0,458973832	0	0	9,125790402	1,013976711
ENSG00000204334	ERICH2	0	0	0,462529283	0	0	0	0	0	0	8,658407028	1,013437368
ENSG00000160051	IQQC	0	0,10820904	1,68268825	0,105300635	0	4,954553138	0	2,266903813	0	9,117654876	1,013072764
ENSG00000066056	TIE1	3,673530651	0	0,248751766	4,942392509	0,214238653	0	0	0	0,027717602	9,106631182	1,011847909
ENSG00000159713	TPPP3	0	3,298940409	0	2,708667556	0	1,403318988	1,688374325	0	0	9,099301278	1,011033475
ENSG00000178480	MCMD2C	0	4,17784986	0	4,024492841	0,113036683	0,783336056	0	0	0	9,09871544	1,010968382
ENSG00000125650	PSNP	0,038637323	1,09697571	0,071076476	1,734673828	0	0,593901323	3,43270916	0,084488511	2,043313848	9,095776178	1,010841798
ENSG00000140443	IGF1R	1,365618105	0,737770867	0,3013451755	0,051519624	0	0,630748193	0,864009172	0,284428291	0,921334413	9,091334413	1,010148268
ENSG00000161996	WDR90	0,014345032	0,025454908	0,580554602	4,48350393	0,10227384	1,685250779	0,011910987	0	2,18767503	9,090969108	1,010107679
ENSG00000214193	SH3D21	0	1,242646844	0	0	0	4,932075704	1,542438145	0	1,370794643	9,087955337	1,009772815
ENSG00000118307	CASC1	0,049014133	0	7,123070976	0,084636709	0	1,829698219	0	0	0	9,086420037	1,009602226
ENSG00000044604	DSG2	0	0	0								

ENSG00000129195	PIMREG	0	0	0,099385091	0,466455085	0	3,440405237	4,710184076	0	0	8,716429489	0,968492165
ENSG00000143776	CDC42BPA	0,043005499	0	0,158224176	2,32051346	0,357712244	1,664417739	1,472970813	1,410606478	1,176829632	8,715817927	0,968424214
ENSG00000070444	MNT	0,85089471	0,554712792	1,277922533	1,079606837	1,774744779	0,40042778	0,461447032	1,519064786	0,790290923	8,709202171	0,96768913
ENSG00000178188	SH2B1	0	1,163387264	1,478410603	0,401719345	0	0,626953894	2,230193445	0,277481792	2,523038861	8,701185204	0,966798356
ENSG00000174669	SLC29A2	0,111110714	0	0,408794263	0,287795928	0	0	4,147764418	3,736432681	0	0	0,961898003
ENSG00000155666	KDM8	0,074825734	0	3,785319496	0	0	1,273391403	0,931941065	0	2,622741216	8,688218914	0,965357657
ENSG00000174099	MSRB3	0	0,651796894	0	8,03418963	0	0	0	0	0	8,685986524	0,965109614
ENSG00000167525	PROCA1	0	0	0	0,054034992	0	0,240499904	2,156561929	0	6,234652435	8,68574926	0,965083251
ENSG00000141294	LRRc46	0,053604317	0	0	0	2,293052771	2,236467511	0	0,937735559	3,164467211	8,68532737	0,965036374
ENSG00000170417	TMEM182	0	0	0	0,128666161	0	5,126756808	0	0	3,421237754	8,676660723	0,964073414
ENSG00000188549	CDC9B	0	0	0,03701466	0,034745003	0	2,93822992	1,921316668	2,551958045	1,187833964	8,671098261	0,963455362
ENSG00000106333	PCOLCE	0	1,522623431	0	0	0	1,04127977	1,349949776	2,468877522	2,277258641	8,659989141	0,962221016
ENSG00000268163	AC004076.1	0	0	8,653077011	0	0	0	0	0	0	8,653077011	0,961453001
ENSG00000172915	NBEA	0,075877766	0	0	0,174699121	0,661192228	1,805035984	1,501569795	0,248883681	4,183840865	8,651099439	0,961233271
ENSG00000176723	ZNF843	0,198481485	0	0	2,056405229	0	2,796653767	0,082401707	0,217010443	3,295439646	8,646392276	0,960710253
ENSG00000162959	MEMO1	0	1,797886974	0,21301157	0,249937715	0,068796464	1,017076332	2,427682669	1,329334467	1,032480679	8,628329419	0,958703269
ENSG00000174038	C9orf131	0	0	5,959311926	0	0,093886939	0,997632226	1,574529656	0	8,625360747	8,625360747	0,958373416
ENSG00000122687	MRM2	0,425214409	0,188633134	0	0,367126239	5,936871084	0,175072715	0,794395349	0	0,7190685	8,60638143	0,956264603
ENSG00000044249	MED17	0,018195132	0,113003853	1,037613855	0,754056519	0	1,738015674	1,004669124	2,407139234	1,532870172	8,605563563	0,956173729
ENSG00000177149	B3GNT8	0,08063531	0	6,822739464	0	0	0,088532858	1,606877251	0	8,598784883	8,598784883	0,955420543
ENSG00000185522	LMNTD2	2,242151325	0,925265701	3,357247572	0	0	0,229900106	0,432954907	0	1,410843164	8,597462775	0,955273642
ENSG00000069535	MAOB	0	0	0	0,901329791	7,690945639	0	0	0	0	8,592275431	0,95469727
ENSG00000076984	MAP2K7	0,969222319	0,104234014	0,86446678	0,45644602	0,139598656	1,386619008	0,755992282	1,734058955	2,167306382	8,577944416	0,953104935
ENSG00000205010	GPR162	0	0	0	0,243409491	0	2,424688155	1,170432201	0	8,57715386	8,57715386	0,953017096
ENSG00000126215	XRCC3	2,596678249	2,000260025	0	0	0	0,265209394	0,51812712	0	3,193579509	8,573854297	0,952650477
ENSG00000144395	CDC150	0,031227644	0	0,517011963	6,389914133	0,074213173	0,600007252	0	0,955999989	0	8,568374154	0,952041573
ENSG00000171757	LRRc34	0	0,055275613	0	0,053789935	0	2,052078871	0	6,402978633	0	8,564123052	0,951569223
ENSG00000142224	IL19	0	0	0	0,100863925	0,277632425	2,437032051	0	0	5,747089981	8,562618383	0,951402048
ENSG00000144283	PKP4	0,047593881	3,800437797	0,350211148	1,972421855	0,678647324	1,010269128	0,395182148	0,242839052	0,058534338	8,556136671	0,950681852
ENSG00000123411	IKZF4	0,066539221	0,07871481	0	0,979234166	1,914978531	0	0,316576765	1,970545358	3,201039404	8,554906475	0,950541664
ENSG00000188124	OR2AG2	0	0	8,489449046	0,061774378	0	0	0	0	0	8,551223442	0,950135936
ENSG00000106327	TRF2	0,029834269	0	0	0,957656275	0	0,949932226	1,907446311	0	3,705922754	8,550791835	0,950087982
ENSG00000196793	ZNF239	0	0	0	0,311998774	0	3,835318234	4,400713119	0	0	8,548030127	0,949781125
ENSG00000165621	OXGR1	0,05682985	3,932883792	0	0	0	0	0	0	4,543070308	8,53278395	0,948087106
ENSG00000172005	MAL	0	8,304466624	0	0	0	0	0	0	0,227415394	8,531882018	0,947986891
ENSG000000007312	CD79B	0	0	0	8,279667463	0	0,0797647	0	0	0,158862773	8,518294396	0,946477215
ENSG00000175444	ARL10	0	0	0,02429896	1,573821088	0,470870903	0,26104811	3,323208968	0,086652422	2,761705313	8,501605765	0,944622863
ENSG00000168813	ZNF507	0	0	0	8,26522386	0,191716812	0	0,011163834	0	0,033077179	8,501176225	0,944575136
ENSG00000124256	ZBP1	0,083872657	2,232449584	2,262927725	0,193106364	0,066441728	0	0	0	3,644723656	8,483521716	0,942613524
ENSG00000187880	CDC157	0,022944211	0,040713939	0	6,299523377	0	0,050382805	1,657442892	0,200689078	0,197528949	8,46922525	0,941025028
ENSG000001154808	EFHD1	0	7,918960003	0,311753382	0,097545785	0,134249549	0	0	0	0	8,462508718	0,940278746
ENSG00000153060	TEK15	0	8,308625355	0	0,147005619	0	0	0	0	0	8,455630974	0,939514553
ENSG000002050078	SYCE1L	0,12147152	0,862192926	0	2,30730283	0	1,467054939	2,622370283	1,062490571	0	8,442883069	0,938098119
ENSG00000134020	PEBP4	0,113191439	0	0	0	0	8,326598232	0	0	0	8,43978967	0,937754408
ENSG00000186496	ZNF396	0,024853712	0	0	0	0	0,627622247	4,540044908	0	3,240087395	8,432608262	0,936956474
ENSG00000196074	SYCP2	0	0,041475947	5,460707281	0,121083515	0,111095914	1,616762	0,058222892	1,02222604	0	8,43157359	0,93684151
ENSG00000091137	SLC26A4	0	0,046231379	0,047927603	0,089977577	0,061916818	0	0	8,146921234	0,032042504	8,425071115	0,936113013
ENSG00000214021	TTLL3	0,043572829	0,025772972	0,427497629	0,927969441	0	0,845180754	1,748673408	2,985471871	1,411176015	8,415314559	0,935034951
ENSG00000257335	MGAM	0,042103809	2,241365284	0	0,945153154	2,067919349	0	0,407863065	0	1,484424716	8,406154124	0,934017125
ENSG00000050567	COL23A1	0	5,059283021	0	0,072401491	0	0	1,322399128	1,925395649	0	8,380019288	0,931113254
ENSG00000213988	ZNF90	0	1,409419186	0,091320663	1,585840023	0	0,84481404	2,98837026	0,054276374	1,404227994	8,3726854	0,930918727
ENSG00000075073	TACR2	6,894979017	0	0	0	0	1,386922271	0,087405317	0	0	8,369306605	0,92992956
ENSG00000104835	SARS2	1,21599345	1,82578892	0	0,484558913	0	0,359447241	1,359164847	0,818160489	2,3007926	8,369306461	0,92932294
ENSG00000142794	NBPFF3	0,199646967	0	0,12242224	0,076610386	0,105436742	1,82667527	4,752105939	0,048507717	1,227700162	8,359102678	0,928789186
ENSG00000159208	CIART	2,789488383	1,697101266	0	0	0,378815973	1,225078098	0,992645032	0	1,27426413	8,357392881	0,928599209
ENSG00000013725	CD6	0	0,045005371	0,046656613	5,12410071	0	2,504090838	3,611290707	0	1,956965836	8,35470119	0,928300132
ENSG00000115594	IL1R1	0	0,037644532	0,234154232	0,879185651	0	1,086020895	0,0210509136	0	2,027553005	8,32727759	0,927819195
ENSG00000145736	GTTF2H2	0	0,494498848	4,773978187	1,172944215	0	0,382458683	0,433853154	0,266602348	0,813988917	8,338324351	0,926480483
ENSG00000161010	MRNP1	1,498794183	0,031661589	0	2,372416229	0	0,705252186	1,05188258	0,74132209	1,931100952	8,332429809	0,925825534
ENSG00000253626	EIF5A1	0,550923956	0,488800521	0,651515857	2,174458122	0,654641353	1,176284363	0,328180255	8,326177071	0,925130786	8,326177071	0,925130786
ENSG00000115461	IGFBP5	1,16850117	0,096021344	1,934597039	0,04035493	0,055539366	0	0,019404629	0	0,082742116	8,291509541	0,921278838
ENSG00000066714	NEO1	0	0	0,13664992	0,092826533	0,0441339	0,040779299	5,258127469	0,121826681	2,078411396	8,289215196	0,921023911
ENSG00000183066	WBP2NL	0,513482522	1,865712946	0,1079534365	1,013339707	0	0,173854865	1,400882348	0,106936753	1,232962365	8,28670587	0,920745097
ENSG00000119725	ZNF410	0,302873484	0,78549152	3,300102933	0,643687881	0,055368107	1,406888948	0,851170923	0,305674901	0,630376733	8,28163543	0,920181714
ENSG00000105672	ETV2	0	0	7,49202869	0	0	0,077095993	0	0	0,690879265	8,260003948	0,91778216
ENSG00000105665	LRRc74A	0,065557731	3,140925814	0,120598741	0	0,311598735	0,719785582	2,122925357	1,290200047	0,483765351	8,255357359	0,917261929
ENSG00000127311	HELB	0	0	0,261941236	3,480141731	0,072885551	1,274755083	2,501039526	0	0,246733128	8,246733128	0,916303681
ENSG00000140993	TIGD7	0	1,489677778	0,201434854	0,063027772	0	0,561050259	3,636821217	0	2,28941368	8,241425561	0,915713951
ENSG00000111665	CDCA3	0	0,047433575	0	1,338601497	0	4,108876833	2,685637745	0,058452957	0	8,209020608	0,915444744
ENSG00000230797	YY2	0	0	0,285590997	0	0	0	2,426095438	5,183760089	0,339012262	8,234458787	0,914939865
ENSG00000183496	MEX3B	0	0,061755412	0	6,4903218	0	0	1,069185234	0,152203854	0	8,231993919	0,914665991
ENSG00000165204	OR1K1	0	0	0	8,231387211	0	0	0	0	0	8,231387211	0,914598579
ENSG00000188603	CLN3	0,015328725	0,897614729	0</								

ENSG00000105750	ZNF85	0	0,057442588	2,679756738	2,180047988	0	0,710842231	0,376303481	1,698892378	0,199064398	7,902349802	0,878038867
ENSG00000128596	CCDC136	0	0,25791151	0	5,647037764	0	0,984080048	0	0	1,012949945	7,901979267	0,877997696
ENSG00000184271	AC139768.1	0,849497256	0	0,091924636	1,553184373	0,059377901	1,124724478	2,987388857	0	1,229143666	7,895241166	0,877249018
ENSG00000196263	ZNF471	0,022300852	2,136904959	0,041024218	0,038508703	0,31799074	0,12242516	0	0,048765432	5,156308469	7,884228533	0,876025393
ENSG00000132692	BCAN	0	0	6,767196533	0	0	0,139274356	0,974271203	0	0	7,880742093	0,87563801
ENSG00000148824	MTG1	2,078197373	0,656715524	0,157110079	0,835699806	0	0,843930967	0,68550106	1,805313199	0,805288246	7,867756254	0,874195139
ENSG00000107130	NC51	0,055331589	0	0	0,143318368	0,39449016	2,156655245	0	0,060496991	0,860495428	7,863496583	0,873721843
ENSG00000133026	MYH10	0,234773942	0,119028743	2,066881215	4,893797659	0,119559719	0	0,01392413	0,366701329	0,041248812	7,855915549	0,872879505
ENSG00000118972	FGF23	0,159770111	0,623717911	1,234422093	0,993197197	2,657879886	0,38592014	0,344917385	1,257733604	0,19649664	7,854054968	0,872672774
ENSG00000129295	LRR6C	0	5,937876459	0	0,060824003	0	1,237561411	0,614190436	0	0	7,85045231	0,872272479
ENSG00000205086	C2orf91	1,595749828	1,538923325	0	0	0,329768175	1,180722853	0	3,199836816	7,845000797	0,871666755	
ENSG00000204183	GDF5OS	0	0,463913495	0,801557379	1,805778371	1,863931881	0,09568084	0,0723589	2,096182378	0,643067551	7,842470794	0,871385644
ENSG00000124104	SNX21	0	3,813692007	0	0	0	2,766532422	1,261472195	0	0	7,841696624	0,8711299625
ENSG00000100403	ZC3H7B	0,05744557	0,025483938	0,079256824	1,661532342	3,310625509	0,126143757	1,681364457	0,125616638	0,759494436	7,826963471	0,869662608
ENSG00000126705	AHDC1	0,018212676	0,872584549	1,842702838	2,924786385	0,043282818	0,099982269	0,710751549	0,876167348	0,425585624	7,814056056	0,868228451
ENSG00000143320	CRABP2	0	0	0	0	7,633737037	0	0	0	0,171762035	7,805499072	0,867277675
ENSG00000225190	PLEKHM1	1,685734732	0,290416983	0,963431514	0,310872384	0	0,862526555	1,481237538	0,679980156	1,529766673	7,803966534	0,867107393
ENSG00000204389	ACY1	1,342636761	0,680707426	1,352558129	0,717612581	0,075971555	0,631772875	1,167906623	0,768940183	1,061530802	7,799636935	0,866626326
ENSG00000188916	INSYN2A	0,062442385	0	5,398787046	0	0	0	0	2,321234565	0	7,782463996	0,864718222
ENSG00000181638	ZFP41	0,043736779	1,746221419	0	0	0	1,272541326	2,43314392	0	2,286100491	7,781743935	0,864638215
ENSG00000124780	CKNK17	0	0	0	7,777869435	0	0	0	0	0	7,777869435	0,864207715
ENSG00000143126	CELSR2	0,058889544	0	0,021666415	0,020337878	0,083971366	2,935440445	0,54764915	0	4,099342619	7,767297417	0,863033046
ENSG00000174990	CA5A	0,965325513	0,527060442	0,034149889	2,147744877	0,220588171	1,89553853	0,724640148	0,852472471	0,365300289	7,732640331	0,859182259
ENSG00000167595	PROSER3	0,907570995	0	0,439355301	2,928146546	0	1,468467251	0,555266208	1,253426524	0,176241368	7,728474193	0,858719355
ENSG00000172361	CFAP53	5,716353824	0	0	0,28605018	0	1,091516952	0	0	0,917005866	7,724876643	0,858319627
ENSG00000145014	TMEM44	0	3,821361545	0	0	0,836646188	2,778448483	0	0	0	7,722506397	0,858056266
ENSG00000128849	C6NL1	0,087216074	0,030952557	0	0,090361875	0	0	0,724720857	6,779118208	7,712369572	0,856929952	
ENSG00000178033	CALHM5	0,030879855	0,027397773	0	0,026661385	7,595517653	0	0,012820101	0,01898912	7,712265887	0,856918432	
ENSG00000179913	B3GNT3	0	0	7,711246533	0	0	0	0	0	7,711246533	0,85680517	
ENSG000000029153	ARNTL2	0,064919334	0	0,03980812	7,548169106	0	0,047518424	0	0	0	7,700414984	0,855601665
ENSG00000214654	B3GNT10	0,120119691	0	0,331454808	0,311130733	0	2,571745823	3,391090054	0	0,960256276	7,685797384	0,853977487
ENSG000000089486	CDIP1	1,237452029	1,317496959	0	0,061051702	0,420118791	1,35865002	1,086196136	1,159690808	1,086390312	7,684249457	0,853805495
ENSG00000105877	DNAH11	2,756128252	2,254687277	0,739034516	1,145442265	0,022203385	0	0	0,020429984	0,735388737	7,673314415	0,852590491
ENSG00000179256	SMC03	0	0,132119819	0	0	0	0	7,638431198	0	7,637055107	0,852283446	
ENSG00000147144	CCDC120	0,05682985	0,756323806	0	3,238306055	0,135057368	0,592760616	0,141561112	2,050458956	0,698933893	7,670306257	0,852256251
ENSG00000161381	PLXDC1	0,016327452	2,462676392	0,030035667	0,028193946	0,038802544	3,26263911	0,786307861	0	1,044194399	7,669177371	0,852130819
ENSG00000105976	MET	0,020891825	0	7,6480077	0	0	0	0	0	0	7,668899526	0,852099947
ENSG00000203416	JRK	0,013457171	0	0,59413326	0,116187984	0,223868804	0,059100749	3,173352417	1,559625263	1,919867894	7,659593541	0,851065949
ENSG00000160877	NACC1	0	0,056617821	1,936939034	0,95864605	0	1,12101741	0,158957346	0	3,984882961	7,654279179	0,850475464
ENSG00000159733	ZFYVE28	0	1,560261015	0	0	0,074629581	1,517054317	2,737818965	0,137337725	1,622101815	7,649203419	0,849911491
ENSG00000187902	SHISA7	0	0,132241657	6,397700782	1,115290044	0	0	0	0	0	7,645232484	0,849470276
ENSG00000137337	MDC1	0	0,316620047	0	0,308110046	4,381780561	0,827158477	1,218158563	0,520232854	0,073148723	7,645209272	0,849467697
ENSG000002074641	HIST1H2BO	0,396615671	0	0,729606559	0,6848687	0,942565728	0,08225819	0,975572295	0,073472295	0,644737101	7,644737101	0,849415233
ENSG00000188215	DCUN1D3	0	0,129287367	0,044676969	0,964561944	0,115434761	4,959718301	1,310763674	0	0,119477031	7,643920048	0,849324445
ENSG00000182132	KCNIP1	0,045094172	0	0,700810138	0	3,416242851	1,872132677	0	1,608340539	7,642620376	7,642620376	0,849180042
ENSG00000186891	TNFRSF18	0	0	2,405807308	0	0	0	5,232043742	0	0	7,63785105	0,84865017
ENSG00000169989	TIGD4	0,183386615	0	0,950050575	0,145274087	2,349057518	4,009771937	0	0	0	7,637496132	0,848610681
ENSG00000272333	KMT4E	0,058803608	0,365209456	2,271653693	0,308778735	0,104811035	1,049147532	1,989655036	0,321465675	1,084812855	7,626337626	0,847370847
ENSG00000101445	PP2R1B6	0	0,041844881	0	0,407201895	0	2,071293092	5,051708124	0,061565944	0	7,626313937	0,847068215
ENSG00000075035	WSCD2	0,022419966	0	0,348429491	7,193007154	0	0	0,0490259	0	7,612882511	0,845875835	
ENSG00000117707	PROX1	0,067701869	0,180202957	0	0,058453175	0	4,348462696	2,234518681	0,185055201	0,520403568	7,594798148	0,843866461
ENSG00000101871	MID1	0	5,856140508	0	0,084217851	0	1,213762153	0	0,426596537	0	7,580717049	0,842301894
ENSG00000164128	NPY1R	0	0	0,065561551	0,360922153	0	0	0	7,144351233	7,570834938	0,841203882	
ENSG00000154016	GRAP	5,301272032	0,258907628	0	0	1,228176139	0,363448017	0	0,418707968	7,570511783	0,841167976	
ENSG00000266338	NBPFL5	0	0	0	0	3,689681125	0,425643795	3,300609137	0,140102919	7,556036976	0,839559664	
ENSG00000174233	ADCY6	0,017967963	0	0	0,042701254	0,769383174	4,535431739	0	2,187729573	7,553213702	0,839245967	
ENSG00000157999	ANKRD61	0	0	0	0	0	7,286662081	0,262875551	0	7,549537632	0,838837515	
ENSG00000154820	EME1	0	0	1,425874178	0	0	0	0,100314076	5,980489181	7,506677435	0,834075271	
ENSG00000175322	ZNF519	0,995470916	0,016984988	3,187077844	0,016528471	0,068243024	0,630558979	0,810665349	1,151194097	0,623922574	7,500646242	0,833405138
ENSG000002080071	GATD3B	1,654140181	0,690642627	1,521462229	0,084009973	0,462482347	0,587577702	0,565545605	0,319157663	1,615536414	7,500554741	0,833394971
ENSG00000110318	CEP126	0	1,080293737	0	0	0	0,081020914	0,689313263	0	5,649589067	7,500216982	0,833574442
ENSG00000188200	PEAR1	0	0,048488608	0,050267649	7,360914293	0	0	0	0,033606966	7,493277515	0,832586391	
ENSG00000175759	ZNF445	0,048007171	0	2,79089616	0,17113512	2,301629307	0,983247336	1,190693693	7,485608154	0,831734239		
ENSG00000106701	FSD1L	0,030598475	0	0,056288367	2,245567768	2,581486839	2,116506294	0,215955821	0,066909905	0,169344811	7,48265828	0,831406476
ENSG00000105497	ZNF175	0,020384537	0,072343721	3,674902158	2,006379813	0	0,760955026	0,016925716	0,579475162	0,350984933	7,482351066	0,831372341
ENSG000000082196	C1QTNF3	0	7,273426736	0	0,072968393	0,100424369	0	0,035086782	0	7,48190628	0,83132292	
ENSG00000158292	GPR153	0	4,40728871	0	0,497255788	0	0	0,537986178	0	2,03643164	7,478962316	0,830995813
ENSG00000177990	DPPY19L2	0	0	0,323511304	7,123833642	0,029385508	0	0	0	7,476730454	0,830747828	
ENSG00000101425	BPI	0	7,475085626	0	0	0	0	0	0	7,475085626	0,83056507	
ENSG00000159784	FAM131B	0	0,041701711	0	0	0,279251588	2,631862959	1,678141299	0	2,83249754	7,463455096	0,829272788
ENSG00000165474	GJB2	0,061079455	0	6,966356563	0,955829313	0	0	0	7,462905956	0,829211773		
ENSG00000180881	CAPS2	0,045181812	2,405220512	0	0,30165893	0,059309256	0,054801181	0,455878993	0,054572183	0,061386135	7,448718163	0,827635351
ENSG00000154917	RAB6B	4,64187715	1,815660116	0								

ENSG00000188610	FAM72B	0	2,121796242	0,091651863	1,978735383	0	1,367545143	0,992841401	0	0,55147336	7,10404339	0,789338154
ENSG00000107554	DNMBP	0,01780075	0,06317399	0	0	0	3,381143806	2,941288263	0	0,700564108	7,103970918	0,789330102
ENSG000000253159	PCDHGA12	0	0	0	0	0	1,254586417	1,128284204	0	4,709783111	7,092657371	0,788072637
ENSG00000186281	GPAT2	0	0,707623153	0,146717153	2,892136418	0,063180426	1,10918401	1,258235208	0	0,91550011	7,092576478	0,788064053
ENSG00000108370	RGS9	1,585900189	0	0	2,553469472	0	1,364744497	0	1,030997091	0,553506874	7,088618122	0,787624236
ENSG00000162576	MXRA8	0	6,736864166	0	0,288166731	0	0	0	0	0,05131047	7,076341366	0,786260152
ENSG000000662282	DGA2	0,057354721	0,003924848	6,893231199	0	0,090869823	0	0	0	0	7,075380592	0,786153399
ENSG00000203724	C1orf53	0	4,696754779	0	0	0	2,377699348	0	0	0	7,074454126	0,786050458
ENSG00000124243	BCA5A	0,418478436	0,424331267	0,733166554	3,303409938	0,236791206	0,503232429	0,41365664	0,566484159	0,465657909	7,065199539	0,785022171
ENSG00000148426	PROSER2	0	0	0	7,052296611	0	0	0	0	0	7,052296611	0,783588512
ENSG000000008441	NFIX	0,431607469	0	0,132329466	1,076532742	1,424617353	1,105719489	0	0	2,860538347	7,031344867	0,781260541
ENSG00000107518	ATRN1	0,03035263	0	0	6,132247068	0,324601575	0,533206634	0	0	0	7,020407907	0,780045323
ENSG00000142765	SYTL1	0,027061349	0	0	0,140187128	0,128623762	0	0	0	6,722958005	7,018830243	0,779870027
ENSG000000050438	SLC4A8	0,278272814	2,528794532	0	1,106643865	0,921841906	0,092584027	1,029248817	0	1,057831767	7,015217729	0,779468637
ENSG00000278535	DHRS11	1,320356353	2,442639525	0	0,1018708769	0	0,277597172	1,189623895	0	0,760108476	7,009034189	0,778781577
ENSG000000004139	SARM1	1,360743545	1,134864836	0	0,540432635	0,06467673	1,583657914	0,982973335	1,071197157	0,267766264	7,006312415	0,778479157
ENSG00000285713	AC098588.1	0	1,844362964	0	0	0	0,790050365	0	4,370827613	0	7,005240941	0,778360105
ENSG000000254726	MEX3A	0,022926805	0	3,289705313	3,642242097	0	0	0	0,050134208	0	7,005008424	0,778334269
ENSG00000123191	ATP7B	0,046875371	0,19408479	0,287436769	0,647548277	0,037133445	0	1,141700881	2,323394746	2,325243428	7,003417706	0,778157523
ENSG00000185897	FFAR3	0	2,457366039	0	0	0	2,325431264	0,270555972	1,246922896	0,701307631	7,001583802	0,777953756
ENSG00000130038	CRACR2A	0,751552654	0	0	4,856161889	0,086423281	0,905015179	0,010065003	0,026506864	0,357798535	6,993523405	0,777058156
ENSG00000068985	PAGE1	0,458605677	0,406892261	2,109105455	1,583823822	2,179772639	0,251761118	0	0	0,899890972	6,989960972	0,77666233
ENSG000000777616	NAALAD2	0,021081274	0,037408203	0	0,400430346	0,100200207	0,092584027	0	2,397125769	3,940941879	6,989771705	0,776641301
ENSG00000171532	NEUROD2	0,072626035	0,343661647	1,558683669	0,794258974	2,876622416	0,132898572	0,040201965	0,267961983	6,9868492	6,9868492	0,776316578
ENSG00000285043	AC093512.2	2,3772218	0,716318789	0	2,555980833	0	0,443216144	0,558639056	0	0,33098223	6,982286053	0,775809561
ENSG00000171517	LPAR3	0	0	0,078614281	0,295175311	0,101560391	0	0	0,09344869	6,412125486	6,980924159	0,775655824
ENSG00000141736	ERBB2	0,014641078	0,025980234	0,053866893	2,654604341	0,03479484	0,643001944	1,969401587	0	1,584584242	6,98087525	0,775652806
ENSG00000250565	ATP6V1E2	0,398934186	0,758463134	1,991937349	1,230129052	0,13543939	0,657009638	1,348634532	0	0,455592078	6,97613936	0,775126596
ENSG00000134042	MRO	0	0	0	2,786454932	0	4,144010785	0,022709562	0	0	6,953175279	0,772575031
ENSG00000163958	ZDHHC19	2,737284936	0	0	0,147845839	0,0258275694	1,024560992	0,258275694	1,632447431	1,147673048	7,722009771	0,772009771
ENSG00000198300	PEG3	0	0,027448255	0	0	0,110282795	0,815201933	3,544867605	0	2,435085971	6,932886559	0,770320729
ENSG00000170801	HTRA3	0,091057891	0	0	6,289484172	0,541002625	0	0	0	0	6,921544689	0,769060521
ENSG00000182324	KCNJ14	0	0,061783871	0,128101428	0,180369798	0	4,013965565	1,069677946	0	1,455940947	6,909839105	0,767759901
ENSG00000198948	MFAP3L	0,034575122	3,589133281	2,957573413	0,089555534	0,041084263	0	0,114833847	0,037802833	0,042522493	6,907081237	0,767453471
ENSG00000198870	STKL1	2,982445474	0,060830762	0	0,828740845	0	0	1,053176562	0	1,981575895	6,906769538	0,767418838
ENSG00000142530	AC020909.1	0	6,506638572	0	0	0	0	0,16024308	0	0,23735188	6,904233533	0,767137059
ENSG00000146707	POMZP3	0	0,432254702	0,507862604	0	0	0,267453912	0,809051039	0	0,299591385	6,886977242	0,765219694
ENSG00000117560	FASLG	0	0,148555125	6,006218205	0,144562313	0,397914174	0	0	0,183066242	0	6,880316059	0,764479562
ENSG00000069966	GNB5	0	0	0,020897617	4,707893092	0	0,249452077	0,688568203	0,372614533	0,838279307	6,877704628	0,764189425
ENSG00000162994	CLHC1	0,06825229	0	0,117856809	0	0	6,169815183	0,207794889	0	0,307785586	6,871504739	0,763500527
ENSG00000173988	LRRCC6	0	3,004953307	0,103840157	0,097472908	0	0,557786773	0,046869754	0	0	6,865538291	0,762839313
ENSG00000111254	AKAP3	0,082304232	0,146046841	0	0	0	0	0	0	6,630145539	6,858496612	0,762055179
ENSG000000175262	C1orf127	0,042292351	0,150093479	0,155600391	0	0	0	4,740692645	0	1,76848076	6,857159627	0,761906625
ENSG00000197363	ZNF517	1,622702059	1,010331575	0,366590183	0,786540994	0	0	2,812918144	0	0,245087727	6,844170682	0,760463409
ENSG00000168263	KCNV2	0	0	0	0	0,164884087	0	0	0	6,675445808	6,840329896	0,760036655
ENSG00000174473	GALNTL6	0,032700838	0,029013417	0,030077916	2,089286748	0	0	3,32508275	1,327187889	6,833349557	6,759291062	0,758921062
ENSG00000132470	ITGB4	0,022350328	1,348444372	0,452267577	2,470024904	0,053116039	1,69321547	0,70520228	0,082464068	6,827708439	6,758564932	0,758564932
ENSG00000182601	H3S3T4	0,043889216	0	0	0,34889216	0	6,216225499	0,364421528	0,191945726	0	6,816481969	0,757386885
ENSG00000066923	STAG3	0,052817396	0	0,097161866	2,158497401	0,041840562	3,11215226	0,336224821	1,017684556	6,816378863	6,757375429	0,757375429
ENSG000002023839	ABCC2	0,019281686	0	0	0,0971971577	0,045823343	0	0,016009995	0,0843268	6,450204678	6,815418079	0,757268675
ENSG000002024231	RXR8	0	0,136807143	0	1,065040173	0,37927505	0,761834281	1,632394626	1,264417988	6,797170872	6,755241208	0,755241208
ENSG00000205464	ATP6AP1L	0,08361354	0	0	3,328382257	1,652450065	1,162887293	0	0,565586318	6,792919474	6,75476883	0,75476883
ENSG00000152661	GJA1	0	0,078564899	5,619873082	0,764532595	0	0	0,036762476	0,290449371	6,790182423	6,754464714	0,754464714
ENSG00000178127	NDUFV2	0,27869895	0,791271118	0	0,866254065	0	0,979184518	2,128969115	1,462639178	0,274211025	6,781227969	0,753469774
ENSG00000108352	RAPGEFL1	0,026459564	5,117751359	0	0,045689892	0	0,029051055	1,559865798	0	0	6,777817668	0,753201963
ENSG00000147127	RAB41	0	0	0,388296093	0,534401105	3,456470348	0,186711804	2,212731479	0	6,778610828	6,753178981	0,753178981
ENSG00000196811	CHRNA9	0	0,254910682	0,299100154	0,082328643	1,939807293	1,150576176	0,227258987	2,811983143	6,765965079	6,751773898	0,751773898
ENSG00000154548	SRSF12	0,033298936	3,48620053	0,306280409	0	0	2,815142002	0	0,122860195	6,763782072	6,751351341	0,751351341
ENSG000000667445	TRO	0,04500017	0	0	1,670667646	0	1,902190948	0,018682301	0	3,126959056	6,76350012	0,751500013
ENSG00000159339	PADI4	0	0,090253113	0	5,620948628	0	0,055843345	0,929097039	0	0,062553525	6,75869565	0,750966183
ENSG000000012124	CD22	0	4,784366587	0	0	0	1,722348242	0	0,16079541	0,090436264	6,757946503	0,750882945
ENSG00000056998	GYG2	0	0	0	6,557603615	0,198352688	0	0	0	0	6,755856303	0,750681811
ENSG00000183775	KCTD16	0,042408074	6,584557639	0	0,018307372	0,100783707	0	0,008803082	0	0	6,754859874	0,750539986
ENSG00000172824	CES4A	0	0	0	1,798311334	0	2,896669844	1,758256433	0	0,298857261	6,752094871	0,750232763
ENSG00000171769	ULK1	1,130354662	0,31670315	0,072960656	0	0,047128286	0,827375579	1,613660438	2,124841707	0,609732685	6,742751763	0,74919524
ENSG00000146063	TRIM41	0	0,690710015	0	3,8840401	1,303554631	0,259012687	0,597431134	0	6,734748566	6,748305396	0,748305396
ENSG00000150627	WDR17	0,058059902	0	0,035601959	1,002567782	1,333812593	0,382478276	0,739195091	0,846400019	2,332602354	6,730717977	0,747857553
ENSG000000221916	C1orf73	0	0	0,035601959	1,002567782	1,333812593	0,382478276	0,739195091	0,846400019	2,332602354	6,730717977	0,747857553
ENSG00000270885	RASL10B	0	0	2,540080859	0,074510273	4,101856566	0	0	0	0	6,716447697	0,746271966
ENSG00000142515	KLK3	6,54736467	0	0	0,077412706	0,035764298	0,054093698	0	0	0	6,714635371	0,746070597
ENSG00000197241	SLC2A7	0	0,174231319	0	0	6,533652492	0	0	0	0	6,707883812	0,745320424
ENSG00000088320	REM1	0	0	0	0	7,064111936	0	0	0	0	6,706411936	0,745156882
ENSG00000185518	SV2B	0,0121										

ENSG00000254505	CHMP4A	1,87870581	0,222247824	0	0,648822979	0	1,993952227	0,935957719	0	0,770188654	6,449875214	0,716652802
ENSG00000105707	HPN	0,178829078	6,267224262	0	0	0	0	0	0	0	6,44405334	0,716228149
ENSG00000176153	GPX2	0	0	0	6,440689833	0	0	0	0	0	6,440689833	0,715632204
ENSG00000187535	IFT140	0	0	0	0,128381291	0	0,04081441	6,265800097	0	0	6,434995799	0,714999533
ENSG00000171357	LURAP1	2,778669228	0	0	0,423366643	0	3,230276237	0	0	0	6,423211208	0,714701345
ENSG00000184381	PLA2G6	0,178882001	2,737762357	0,699269263	0,038611272	0	1,080210917	1,3181997	0	0,357502928	6,410438438	0,712270938
ENSG00000147996	CBDW5	0,701567805	0,949511332	0	0,677593182	1,017330148	0,261112019	0,681260065	1,404112893	0,716594239	6,409081684	0,712120187
ENSG00000155858	LSM11	0,023010594	0	0	3,059539066	0	1,237950093	1,471176422	0,050317431	0,566001286	6,407994891	0,711999432
ENSG00000167693	NXN	1,593644083	0,047203277	0	3,353959047	1,40864813	0	0	0	0	6,403454537	0,711494949
ENSG00000105559	PLEKHA4	0	0,768916059	0,072466136	0	0	1,384029837	2,191478687	0	1,986367939	6,403258658	0,711473184
ENSG00000183625	CCR3	0	0	0	0,146263999	0	2,278480454	0	0	3,958614264	6,383358716	0,70926208
ENSG00000213398	LCAT	0	0	0	4,274363393	0	0	0,191192887	0	1,911564229	6,377120509	0,708568945
ENSG00000085999	RAD54L	0,378249238	0	0	0,979730818	0	1,765006135	2,198478909	1,046695057	0	6,368160157	0,707573351
ENSG00000163704	PRRT3	0	0	0	5,346757638	0,181693672	0,839416022	0	0	0	6,367867332	0,707540815
ENSG00000141391	PRELID3A	0	3,043609536	3,26045519	0	0	0,062773582	0	0	0	6,366838308	0,707426479
ENSG00000233954	UQCRLH	0,831801306	0,738005505	0,765082841	1,196949425	0	0,761057691	0,690662378	1,212603917	0,170501397	6,366664461	0,707407162
ENSG00000171962	DRC3	0,577072556	0	1,895663523	0,533827689	0,146938438	0,090513135	0,359366745	2,028035398	0,735072169	6,366489653	0,707387739
ENSG00000184486	POU3F2	0	0,164875179	0	5,775974023	0,368023716	0	0,051432807	0	0	6,3630305725	0,706700636
ENSG000002086132	AC022415.2	0	0	4,553578764	0	0	0,726846336	1,075459989	0	0	6,358588059	0,706209454
ENSG00000100453	GZMB	0	0	1,773083551	0	4,581230165	0	0	0	0	6,354313716	0,706034857
ENSG00000164684	ZNF704	0,010068668	0,053599813	0,777929381	0,886706004	0,047856815	0,386918323	0,02508069	3,060394782	1,102101578	6,350566054	0,70562845
ENSG00000175175	PPM1E	0,092140592	0	0,042375015	0,039776673	5,638583363	0	0,5355441	0	0	6,348419743	0,705379971
ENSG00000161647	MPP3	0,067294843	0,119413048	0,06189715	2,440273644	0,159927652	0,960515474	0	0	2,52430146	6,333623271	0,703735919
ENSG00000161973	CDC42	0	0	0,297192454	0	0	0	0	0	6,032603513	6,329795967	0,703310663
ENSG00000135318	NT5E	0	0	1,839709457	0,057563418	0,07922293	1,57382634	1,300927775	1,385011424	0,081997142	6,318258466	0,702028721
ENSG00000163121	NEURL3	0,060589643	0	0,10462509	0	1,530049424	0	0	4,620081949	6,315346107	0,701705123	
ENSG00000174776	WDR49	0,038835922	0	0,071441814	4,358975417	0,184588816	0,298477008	1,35434437	0	0	6,306663347	0,700740372
ENSG00000119411	BSPRY	0,064604776	0	0	2,119608601	0	4,11407159	0	0	0	6,298284967	0,699809441
ENSG00000166582	CENPV	0,37114877	0	0,091556131	0	1,455355936	0,220123389	0,115941954	4,042976976	6,297103156	0,699678128	
ENSG000000015133	CDC8C8C	0,328342621	0	0,4199822543	0,057800989	0	0	1,701900235	0	0	6,287866388	0,698651821
ENSG00000175536	LIP2	0,573595587	0	0	0,151462481	1,119598999	4,127661702	0	0,313532724	6,285851493	0,698427944	
ENSG00000072954	TMEM38A	0	0	0	0	0	0	0	6,28406386	6,28406386	0,688229318	
ENSG00000140545	MFG8	0	0,039392096	0,735072981	4,906666189	0	0,268108762	0,331785805	0	0	6,281025834	0,697891759
ENSG00000188897	AC099489.1	1,846948856	0	0	4,165587023	0	0,179332959	0,052161941	0	0	6,274935662	0,697215074
ENSG00000118473	SGIP1	0,011344637	0	5,050389186	0,097948564	0,080882329	0	0	0	1,004575796	6,245140513	0,693904501
ENSG00000139263	LRIG3	0,051284769	0	0,047171237	0,354230408	0,243758726	0	0	0,112144771	5,424334266	6,232924177	0,692547131
ENSG00000197816	CDC180	5,540543001	0	0,039276595	0,01843412	0	0	0,629346067	0	0	6,227599782	0,691955531
ENSG00000155760	FZD7	0	0	1,656787322	0,008555266	1,302836381	0,945849362	0,292623215	1,370031894	0,048159244	6,224842684	0,691649187
ENSG00000153976	H53ST3A1	0,562929321	0	0,06484257	0,060866567	0,167537925	0	1,434113895	3,930992056	0	6,221282335	0,691253593
ENSG00000156413	FUT6	0,0694921	0	0,063918165	0	0	0	0	0	6,068109028	6,201519292	0,689057699
ENSG00000104804	TULP2	0	0	0	0,116488828	0	3,703361087	0,168040623	2,212731479	0	6,200622017	0,688958002
ENSG00000163623	NKX6-1	0	6,082287753	0	0	0,11636991	0	0	0	0	6,198657663	0,68873974
ENSG00000188536	HBA2	1,461770937	0	0	4,732798814	0	0	0	0	0	6,194569751	0,688285528
ENSG00000131899	LLGL1	0,068790852	0	0,118786787	0	0	1,309157813	0,228474049	0,651843608	3,807174584	6,184227692	0,68713641
ENSG00000151846	PABPC3	0,75845282	0,870847948	0,410363299	0,77040146	0,848225668	1,365835236	0,384093787	1,66318045	0,685479783		
ENSG00000131398	KCNQ3	0,072221079	0	1,107137562	2,99304097	0	0,660787704	0,93947835	0,210568467	0,177645234	6,160879366	0,684542152
ENSG00000134285	KBP11	0,060968558	0,10818721	0,056078293	0,368477874	0	0,401639484	0,78466417	0,133320382	4,23656587	6,149901841	0,683322427
ENSG00000118276	B4GALT6	0	0,104779532	5,016088845	0,270725626	0	0	0,685032085	0,07005146	6,146677547	0,682964172	
ENSG00000267281	ATF7-PPF	0	0	5,723109108	0	0	0	0	0,414527559	6,13763667	0,68195963	
ENSG00000074933	DUSP13	0,128550039	0,22810889	2,108789671	3,666023401	0	0	0	0	6,131472001	0,681274667	
ENSG00000174428	GT2F12R2D2B	0,089719799	0,199006976	0,330093631	0,735900923	0	0,591042577	0,856707032	2,010956994	1,29653949	6,109967422	0,678885269
ENSG00000171680	PLEKHG5	0,085700026	0	0	0,152750975	1,599591552	2,063598258	2,155109897	0,052699992	6,1094507	0,678827856	
ENSG00000164604	PRR85	0,14301974	0,326295024	0,714118697	0,917294394	0,825445946	0,358919582	0,186610824	0,670162049	6,101848508	0,677983168	
ENSG00000150967	ABC89	1,227894186	0,34296998	0,020914912	1,177947369	0,027019603	1,522917038	0	1,775826373	6,095489462	0,677276607	
ENSG00000120054	CPN1	0	0	0,138280326	0	0	0	5,953775991	0	6,092056317	0,676895146	
ENSG00000003987	MTMR7	0	0	0,112991473	0	0,335269641	0,86930946	4,769552072	0	6,087122645	0,676346961	
ENSG00000187260	WDR86	0,03736661	3,713143424	0	0	0	0	2,287875344	0,045956113	6,084341491	0,676037943	
ENSG00000170476	MZB1	0	0	0,6084273495	0	0	0	0	0	0,084273495	0,676030388	
ENSG00000166405	RIC3	0	0,034850793	5,455549122	0,576539455	0	0	0,016307555	0	0	6,083246926	0,675916325
ENSG00000185674	LYG2	5,638454129	0,444679934	0	0	0	0	0	0	0	6,083134063	0,675903785
ENSG00000158887	MPZ	0	0	0	5,70415991	0	0,116716588	0	0,259320729	6,080197227	0,67557747	
ENSG00000255274	SMIM35	0	0	0	4,846231951	0,095281916	0	0,099870256	1,035494022	0,076878145	0,675208683	
ENSG00000108387	SEPT4	0	5,656015728	0	0,293112178	0	0,082831042	0	0,041242457	0,073201405	0,674800156	
ENSG00000129226	CD68	0,139723135	3,223158577	0	0	0,460223514	0,870113259	0	1,374731556	0,067950042	0,674216671	
ENSG00000213085	CFAP45	0,057522105	0	0,595968728	0	0	0	5,408711992	0	0,062202825	0,673578092	
ENSG00000203872	C6orf163	0,051750195	5,877084933	0	0	0,12298546	0	0	0	0,051820589	0,67242451	
ENSG00000071282	LMCD1	0,016743554	0	2,949071181	0	0,716954293	0	0	2,368127431	0,050896458	0,672321829	
ENSG00000185513	L3MBTL1	0,05830363	0,017243859	0,464789876	0,083901921	0,046188751	0,096025414	1,137705261	4,143713226	6,047874638	0,671986071	
ENSG00000141965	FEM1A	0,582830305	0,279518399	1,448869483	0,598412326	0,074870748	1,020402796	0,784761797	0,068890768	1,181761478	6,0403181	0,671146456
ENSG00000162723	SLAMF9	0	0	0	0	0	0	0	6,037156562	0,6037156562	0,670795174	
ENSG00000100767	PAPLN	0,019627298	0	3,660342545	0,093289399	2,090313799	0,146672683	0	0,024139047	6,034384772	0,670487197	
ENSG00000137825	ITPKA	0	0	5,859504924	0,171580288	0	0	0	0	6,031085212	0,670120579	
ENSG00000123570	RAB9B	0	0	5,18826169	0,285618406	0,043984776	0,498995413	0	0	6,016819003	0,668535445	
ENSG00000198225	FKBP1C	0,478500857	0,509452818	0,704192778	2,974559558	0	0,210146392	0,15892379	0,627804751	0,353096622	0,616677568	0,66851973
ENSG00000115602	IL1RL1	0,052596788	0	4,450335453	0	0	0	0,057506886	1,45546354	0,015902667	0,66843363	
ENSG00000197134	ZNF257	0,087718985	3,839494583	0,053788719	0	0	2,015100146	0	0	5,996102433	0,666233604	
ENSG00000263961												

ENSG00000266714	MYO15B	0,034581716	0,143183614	0,042410573	2,249267841	0,082184196	0,455624438	1,148557467	0,604960685	1,020745259	5,78151579	0,642390643
ENSG00000128656	CHN1	0	0,060270173	0	0,087975379	4,278091649	1,267916298	0,028201918	0,037135825	0,020886325	5,780477566	0,642275285
ENSG00000170145	SIR2	0	0,027529979	2,026343637	1,125181615	0	0,647289724	0,038645893	0,101776561	1,812671418	5,779438829	0,64215987
ENSG00000198478	SH3BGR2	0,16414357	0,174761243	0,845474991	1,360512577	1,326308542	0,180220049	0,218067055	1,220375331	0,282625604	5,772488962	0,641387662
ENSG00000153822	KCNJ16	0	0,338349527	0,569990739	1,15239421	1,812580655	0,261688607	0,158322185	1,094499356	0,263819984	5,770817638	0,64120196
ENSG00000184371	CSF1	0	2,969117221	0	0,049815765	0,2742402	0,380092959	1,988170591	0	0,106441307	5,767878044	0,640875338
ENSG00000163611	SPICE1	1,408157943	0,5065017	0,49007951	1,642960424	0,045223214	0,146250351	0,221204464	0,873835275	0,421261479	5,75547436	0,639497151
ENSG00000155719	OTOA	0	0,07114407	1,770104106	0,046159425	0,047640958	1,188534245	0,699091794	0,175343363	1,454622554	5,752640516	0,63918228
ENSG00000110844	PRPF40B	0	0,0028392842	0,294345721	0,355259419	2,09142999	0,404060066	0,943286062	0	1,928521726	5,745295827	0,638366203
ENSG00000112852	PCDH2	0	5,653987884	0	0	0,087037698	0	0	0	0	5,741025582	0,637891731
ENSG00000105245	NUMBL	3,217879231	0	0	0,089622179	0	0,883260841	0,560231604	0,056746448	0,925562278	5,733302582	0,63703362
ENSG00000197245	FAM110D	0	0	0	5,68685763	0	0	0,044826842	0	0	5,731512605	0,636834734
ENSG00000173200	PARP15	0,027569891	0	0,080604486	0,095214368	0	1,119994771	3,479564033	0,060287277	0,339074115	5,730300894	0,636700993
ENSG00000156453	PCDH1	0	0,045424699	0	1,635540244	0	4,047284948	0	0	0	5,728249891	0,63647221
ENSG00000135862	LAMC1	0	4,212817034	1,51383066	0	0	0	0	0	0	5,726647694	0,636294188
ENSG00000115239	ASB3	2,135075534	0,468258771	0	1,698417838	0	0,579462246	0,517896274	0	0,324545443	5,723656106	0,63596179
ENSG00000183801	OLFM1	0,087957259	0	0	0,379707472	0,20903233	0	2,117950889	0	2,920754425	5,715402374	0,635044708
ENSG00000239382	ALKBH6	0,422391532	1,311665968	0,518015558	0,425470492	0	0,96616921	0,18848431	0,076970549	1,168846052	5,707877672	0,63420863
ENSG00000260286	ARMH2	0	0	1,024496679	1,282235747	2,20588171	0	0,154140457	0,811878544	0,228312681	5,706945819	0,634105091
ENSG00000186638	KIF24	0	0	0,045340091	2,511036291	0,117148114	0	0	0	3,031259538	5,704784034	0,633864893
ENSG00000132465	JCHAIN	0,091526693	0	0	0	0,217515168	0,100490961	0	0	5,290603602	5,700136424	0,633348492
ENSG00000183251	OR51B4	0	0	0	0	0	5,690394914	0	0	0	5,690394914	0,632266102
ENSG00000173762	CD7	0,275648615	1,076089749	0	1,332757988	0	1,089525859	0,823956941	0	1,08483924	5,682818392	0,631424266
ENSG00000076356	PLXNA2	0	0,0774697	0	0,414631234	0,129692142	3,115691581	0,842812631	0	1,10071613	5,68101342	0,631223713
ENSG00000162374	ELAVL4	0,03605597	0	0,132655738	0,280173559	0,085687793	1,484525561	0,98795357	0	2,66065175	5,667705706	0,629745078
ENSG00000163959	SLC51A	0,02871187	0	0	1,983165302	0	0,788098882	1,025123366	0	1,836218727	5,661318147	0,62903535
ENSG00000027869	SH2D2A	0	0	1,770573879	0,103875388	0	0,858613653	0,84912247	0	2,071537669	5,653723059	0,628191451
ENSG00000119715	ESRRB	0	0	0	0,4048232321	0	0,027978175	0,507805728	0	0,94020163	5,651629803	0,627958867
ENSG00000180209	MYLPF	0	0	0	0,93274343	0	1,186134597	1,906162327	0,29529452	1,328661464	5,648996338	0,62766626
ENSG00000163806	SPDYA	0,13015553	0	0	4,495003869	0,309317435	0,714515834	0	0	5,648992669	5,627665852	0,627665852
ENSG00000117298	ECE1	4,259548106	0	0,342340023	0,071410776	0	0	0,017168901	0,271292748	0,686625082	5,648385637	0,627598404
ENSG00000171877	FRMD5	0,067742336	0,120207113	0	4,835017461	0,053663709	0,520639885	0	0,49337755	0	5,646648055	0,627405339
ENSG00000239620	PRR20G	0	0	5,641662525	0	0	0	0	0	0	5,641662525	0,626851392
ENSG00000100557	CDC198	0	0	5,347072759	0,127068407	0	0	0	0,160912865	0	5,635054501	0,626117115
ENSG00000181754	AMIGO1	0	0	0,054071212	0	0	3,324020502	2,147712355	0	0,108449634	5,634253702	0,626028189
ENSG00000143416	SELENBP1	0	0	0,07997126	0	0	0	1,804809148	0	3,742273455	5,625263817	0,625263817
ENSG00000182310	SPACA6	0	0,261410675	0	0,381576858	0	0,404364067	1,559587359	2,013371725	0,986496098	5,616806782	0,624089642
ENSG00000115718	PROC	0,060565359	0	0	0	0	1,928419529	1,910970988	0	1,713214434	5,61317031	0,62368559
ENSG00000228672	PROB1	0	0	0	5,145340186	0	0,032391756	0	0	0,435407705	5,613139648	0,623682183
ENSG00000131470	FSM3C3IP	0	0	0	0	0	2,192366735	2,048097141	0	1,372360639	5,612825415	0,623647168
ENSG00000175311	ANKS4B	0,034955024	0,1860805	4,115365796	0,724316376	0,249214117	0	0	0	0,300931218	5,610863031	0,623429226
ENSG00000269964	MEI4	0,028565325	0	0	0	0,067886114	3,857656131	0	0	1,651188383	5,605295954	0,622810662
ENSG00000175832	ETV4	0	0	5,456792839	0,148469402	0	0	0	0	0	5,605262242	0,622806916
ENSG00000116985	BMP6B	0,814105851	0	0	0	0	3,128442288	0,701968289	0,342348288	0,616150923	5,603015639	0,622557293
ENSG00000085276	MECCOM	0,065274545	0,115828078	0,930602923	3,832306322	0	0,053750727	0,054198848	0,428208943	0,120418913	5,600589298	0,62228777
ENSG00000129535	NRL	0	2,584086091	0	0,083821065	0,115360598	2,504913943	0,201526393	0,106146665	0	5,598584755	0,621761639
ENSG00000152217	SETBP1	0,053871861	0,152950873	0,47568787	0,706989593	0,076816587	1,419555736	0,921457697	0,447647542	1,325108893	5,580086653	0,620009628
ENSG00000286261	ACO22137.3	0	0	0	0,655286225	0	0,499981648	2,898862517	0,497892367	1,026776366	5,578799122	0,619865659
ENSG00000187961	KLHL17	0,044418157	0	0	0	0	2,243352889	1,143321661	1,651201543	0,491657466	5,573951716	0,619327968
ENSG00000119915	ELOVL3	0,215872244	0,19153	0	0,186382125	0	4,977317301	0	0	0	5,57110167	0,619011297
ENSG00000223609	HBD	0,13117237	0	0	5,436145304	0	0	0	0	0	5,567317675	0,618590853
ENSG00000121207	LRAT	0,721961585	0,071172396	0,036891851	0,034629725	0,095319852	0,286242534	0,116561689	0,175413175	4,020303003	5,558495809	0,617610645
ENSG00000249915	PD0C6	1,918554695	1,125192383	0	0,028075637	0,038639718	0	0,931509889	0,284428291	0,219780073	5,546180887	0,616242321
ENSG00000107282	APBA1	0	0	0	0	3,921524661	0,318863692	0,789190522	0	5,503297125	5,532876	0,614764
ENSG00000128266	GNAZ	0	0	0	0,212892283	0	0,045121179	0,068246033	0	5,029292615	5,53218601	0,614687334
ENSG00000113946	CLDN16	0	0,224511862	0,077583059	0,364129186	0	0	0,245127637	0	4,616383939	5,527690142	0,614187794
ENSG00000140538	NTRK3	1,095904699	0,037302001	0,041567118	0,634047602	0,013424955	0,396944931	0,079738155	0	5,319586453	5,518246004	0,613138445
ENSG00000196420	S100A5	0	0	0	2,662601782	0	0	0	0	2,844589627	5,507191408	0,611910156
ENSG00000162738	VANGL2	0,254014781	0	0	4,581226674	0,67074625	0	0	0	0	5,505987705	0,611776412
ENSG00000064989	CALCR1	1,674641705	0,036686551	0,038032576	3,534349772	0	0	0	0,090418544	0,127135396	5,501264544	0,611251616
ENSG00000091986	CDC80	0	5,149081327	0	0	0,082423122	0,253860572	0,009599138	0	0	5,494964158	0,610551573
ENSG00000188163	FAM166A	0	4,019896725	0	0,343650152	0,199398969	0,829092277	0	0	0	5,483038123	0,609226458
ENSG00000196208	GREB1	0,048619875	0	0	0,020988978	5,372897593	0,013345445	0,01009253	0	0,014949045	5,480893466	0,608988163
ENSG00000166105	GLBTL3	0,101359801	0,029976747	0,06215318	0	5,259295478	0,018547857	0	0	0	5,471333063	0,607925896
ENSG00000187855	ASCL4	2,135644248	0,123000044	0	0	0	1,76188223	1,443463996	0	0	5,463990519	0,607110058
ENSG00000161243	ACO10605.1	0	0	0	0	0	1,3677216	4,09240151	0	0	5,46012311	0,606680346
ENSG00000105141	CASP14	0	0	2,608582516	2,850977255	0	0	0	0	0	5,459559771	0,606617752
ENSG00000118492	ADGB	0	0,034505469	0,572343532	0,067156087	1,340163264	3,415994373	0,01614597	0	0	5,446308695	0,605145411
ENSG00000153896	ZNF599	0,088901645	0	0	0,1535313737	0,105638342	1,000490314	3,026494256	0	1,066041237	5,44107953	0,604564392
ENSG00000122966	CIT	0,034193069	0	5,0778171222	0,162521138	0	0,094637451	0	0,070088446	5,439221326	0,604357925	
ENSG00000160972	PPP1R16A	1,451376002	0,594330255	0,144589014	0,132662557	0,98063141	0,115875815	0,061033352	1,956640519	5,437138924	0,604126547	
ENSG00000088563	ABCB1	0,078079868	0	0	0	0	0	0,064018781	5,43497064	0,543497064	5,43497064	0,603885627
ENSG00000154258	ABCA9	0	5,08274782	0,144578333	0,119387481	0	0	0	0,082378778	5,429092411	0,60323249	
ENSG00000139438	FAM222A	0	0,648382053	0	0	0	0,133726956	0	0	0	5,425775471	0,602863941
ENSG00000094755	GABRP	0,032700838	0	5,307917683	0,077714249	0	0					

ENSG00000107485	GATA3	0	0	0	5,22484637	0	0	0	0	5,22484637	0,580538486
ENSG00000095464	PDE6C	0,04565274	0	0	0,078832319	5,099252112	0	0	0	5,223737171	0,580415241
ENSG00000059915	PSD	1,415318942	0,538167587	0,557912893	0,087283818	0,660694592	0,582726561	0,797436464	0,055265858	0,528414598	0,580357924
ENSG000000237412	PRSS56	3,16130901	0	0,116309665	0	0	0	0	0	1,944001279	0,580179995
ENSG00000117215	PLA2G2D	0,05636351	0,100015666	0	0,09732748	0,267898204	0	0	0,123250491	0,219985656	0,579996173
ENSG00000149599	DUSP15	0,079720691	1,980473754	0,073326325	0,137660235	0	1,487987235	1,456263415	0	0	0,579492406
ENSG000000162065	TBC1D24	1,088817671	0,746485548	0	1,495574242	0,029404531	0,271695041	0,514063439	0,943460606	0,512783155	0,579198128
ENSG00000175556	LONRF3	0	0	0,481529496	0,064571882	0,088868484	0,492681742	3,756968615	0,327081977	0	0,579078022
ENSG00000108932	SLC16A6	0	0	0,273804579	2,248885524	0	0	2,685136845	0	5,201720216	0,578647439
ENSG00000104435	STMN2	0	0	0,117688442	0,662832281	4,409148488	0	0	0	5,18966921	0,576629912
ENSG000001042611	PRDM16	0	0	0,085383464	5,0226042	0,073536919	0	0	0	5,181524583	0,575724954
ENSG00000049249	TNFRSF9	0,023868357	0	0,043907771	0,288508106	0	0	3,46822115	0	1,350330125	0,574981723
ENSG00000197279	ZNFI65	0	0,213319014	0	1,245513005	0	2,441802442	0,848446955	0,262875551	0,147849262	0,573311803
ENSG00000107742	SPOCK2	0,04714103	0	3,989107644	1,098930637	0	0	0,019571102	0	0,154750412	0,572750046
ENSG00000155657	TTN	1,385671334	0,211852374	0,07476603	0,48688445	2,414722582	0,140843265	0,09069433	0,108315527	0,238993729	0,572527069
ENSG00000172794	TFAP4	0,288122354	0,511266048	0,035334956	2,38811722	0,091297202	0,168715471	0,095693656	1,554096733	0	0,570293738
ENSG000000275385	CCL18	0	4,222708663	0	0	0,25706338	0	0,179628249	0,473063089	0	0,570273709
ENSG00000172794	RAB37	0	0	5,093170837	0	0	0	0	0,036641664	0	0,569979167
ENSG00000164379	FOXQ1	0	0	5,118761687	0	0	0	0	0	5,118761687	0,568751299
ENSG00000169436	RASSF6	0	0	0,083855233	0,039356708	0,054165542	0	4,884251526	0,056062299	0,117691309	0,568632368
ENSG000000085465	OVGP1	0	0,31337203	0	0,304949328	0	0	4,496794135	0	5,115115492	0,568346166
ENSG00000159588	CDC17	0,045474141	4,841564853	0	0	0,108070281	0,099855899	0	0	5,094965174	0,566107242
ENSG00000173013	CDC96	0	0	0	0	0,171744401	4,919395388	0	0	5,091139789	0,565682199
ENSG000000257950	P2RX5-TAX1BP3	0,23031247	0	0	0,044188819	0,060815841	4,607846669	0,021248151	0,125890955	0,090302905	0,565589212
ENSG00000173662	TAS1R1	5,084400532	0	0	0	0	0	0	0	5,084400532	0,564933392
ENSG00000164509	IL31RA	0,071166674	0	0,087277896	0,040963104	2,931571774	0	0,019697069	1,815574547	0,116701113	0,564772464
ENSG00000095981	KCNK16	0	0	0,448354998	4,629491485	0	0	0	0	5,077846483	0,564205165
ENSG00000152784	PRDM8	0	0	1,938832425	1,421833994	0	0,18080926	0,382865006	1,15234374	0,0776684426	0,564076047
ENSG00000155034	FBXL18	0,27888755	0,054986568	0,057004019	0,294297623	1,178279643	2,619730218	0,128647936	0,406563602	0,057165956	0,563951457
ENSG00000157570	TSPAN18	0	0	0,142043995	4,933364364	0	0	0	0	5,075408359	0,563934262
ENSG00000058085	LAMC2	0	0	0,084970227	4,985002571	0	0	0	0	5,069972799	0,563330311
ENSG00000164005	PLXNB1	0,01546996	0	3,659714529	0	1,392779207	0	0	0	5,067963696	0,563107077
ENSG00000172927	MYEOV	0	0	0,139276741	0	2,61241634	2,310502511	0	0	5,062195592	0,562466177
ENSG00000111114	BTBD7	0,040001033	0,165621989	0	1,082144517	0,585583964	0,60891805	0,379039034	2,197426452	0,508735054	0,562081671
ENSG00000165383	LRRC18	0	0	0	0	0	0	5,057048225	0,5057048225	0,5057048225	0,561894247
ENSG00000169900	PYDC1	0	0	4,848965846	0	0,192695211	0	0	0	5,041661057	0,560184562
ENSG00000133433	GSTT2B	1,787477178	0	0	0	2,566405645	0,342503181	0	0,338210232	5,034596236	0,559399582
ENSG00000102890	ELMO3	0	4,165312623	0,107953436	0	0	0,243631713	0,513296416	0	5,030194187	0,558910465
ENSG00000168005	SPINDOC	0,772944095	0	0,667352876	0	0,666794426	1,558637665	0	1,358030853	5,023759915	0,558195546
ENSG00000146006	LRR1TM2	0,024784414	0	0,213986366	3,416240357	1,306168227	0	0,060963268	5,022142632	0,558015848	0,55788282
ENSG000000251192	ZNFB74	0,024360885	0	0,084131863	1,447354274	0,641923882	1,597961668	1,225212809	0	5,020945381	0,55788282
ENSG000000260861	AL049634.2	4,004489012	0	0	0	0	0	0	1,013971673	5,018460685	0,557606743
ENSG00000162391	FAM151A	0	0	3,121854133	0	0,496243001	0,750570281	0,501718691	0,648517276	5,01718691	0,557464966
ENSG00000151640	DPYSL4	0	0	0	4,732825213	0	0,28231833	0	0	5,015143542	0,557238171
ENSG00000179023	KLHDC7A	0	0,052117007	4,808596464	0,152148673	0	0	0	0	5,012862144	0,556984683
ENSG00000178201	VN1R1	0	2,199524475	0	0	0	3,572678387	0,14043118	0	5,012634042	0,556959338
ENSG000000286190	AC055839.2	0	4,783923031	0	0	0	0	0,228453008	5,012376039	5,012376039	0,556930671
ENSG00000141469	SLC14A1	0,042080359	0	0,072663596	4,850236927	0	0	0,046008712	0	5,010989594	0,556776622
ENSG00000144821	MYH15	0,412441121	0,592463478	1,445178575	0,576539455	0,046675012	0,043127262	1,889666999	0	5,006094902	0,556232767
ENSG00000121903	ZSCAN20	0	0,523700262	2,064670108	0,135311809	2,28173928	0	0	5,00542146	5,00542146	0,55615794
ENSG00000170379	TCFAC2	4,385483873	0	0,244283016	0	0	0,313235343	0,057995482	5,000997714	5,055666413	0,555666413
ENSG000000214491	SEC14L6	0,133647321	0	0,16390336	0	4,597775727	0	0,097415851	0	4,992724259	0,55474714
ENSG00000151150	ANKK	0,017598964	0,03122893	0,053957859	0,384934549	0,01394144	0,949831699	2,424478173	0,014429638	4,991791391	0,554643488
ENSG000000213347	MXD3	0,791615329	0	0,202510652	0,348387216	0,836956732	0,559918051	1,346357376	0,901467415	4,987212771	0,554134752
ENSG00000078098	FAP	0	0,038481917	0,239362887	4,493713684	0,154614327	0	0,053342859	4,979515674	5,053279519	0,553279519
ENSG00000180592	SKIDA1	0,045107633	0,040022194	1,286176577	0	2,894380192	0,569543771	0,03745383	0,098637184	4,971320382	0,552368931
ENSG000000205076	LGALS7	0	0	4,96892197	0	0	0	0	0	4,96892197	0,552102441
ENSG00000175711	B3GNLT1	0,021928685	0	0	0	1,011209436	1,329173449	0,959032267	1,645136825	4,966480661	0,551831185
ENSG000000269526	ERVV-1	0,137248475	0	4,739963208	0	0	0,056980169	0	0,934191852	5,048243539	0,548243539
ENSG00000170485	NPAS2	0	2,744895714	0,062604361	0,028720213	0,053074401	0,010034416	2,034825792	0	4,934154896	0,548239433
ENSG00000131044	TLL1L9	0	0,04501702	4,732747717	0	0,080604329	0,020319082	0,053511671	0	4,932199819	0,548022202
ENSG00000161594	KLHL10	0	0,113140084	0,110099145	0	4,690299004	0	0	0	4,913538234	0,545948693
ENSG000000270149	AL591806.3	0,142961751	0	2,221773672	2,208386022	0	0	0,156307742	0,175824524	4,905253712	0,54502819
ENSG000000277957	SEN3P3-EIF4A1	0	1,828760444	2,743561824	0	0,047147081	0,28524088	0	4,904710229	4,904710229	0,544967803
ENSG00000119703	ZC2HC1C	0,033461154	0	0,05778011	0,079521156	0	0	4,732584159	4,903346579	4,903346579	0,544816287
ENSG000000273173	SNURF	0	0	4,890111215	0	0	0	0	4,890111215	4,890111215	0,543345691
ENSG00000158826	RILPL1	1,533586693	0,185543997	0,032058598	0,601856705	0,306143378	0,969497433	1,257564379	0	4,886251183	0,542916798
ENSG00000108206	RNF207	0	0,042150129	0,079131152	0,108906002	0,025157025	0,019025069	4,609549691	0	4,883919068	0,542657674
ENSG000000008710	PKD1	0,008154035	0,926024606	0,195000069	1,239060963	0,01937824	1,163844969	0,609342212	0,481423123	4,882910095	0,542545566
ENSG00000184226	PCDH9	0,053716917	0,025996187	0,161699902	0,801086562	0,417794452	0,00536164	1,751269037	1,651622079	4,880711041	0,542301227
ENSG00000155961	RAB39B	0,044274999	0	0,152906519	1,999189366	0	2,683660778	0	4,880031661	4,880031661	0,54222574
ENSG00000198690	FAN1	0	0,519487246	0	1,874998445	0,44564858	1,707120788	0,330047101	4,87730216	4,87730216	0,541922462
ENSG00000162975	KCNF1	0	0	0	0	2,605925289	0	2,270376363	4,876301651	4,876301651	0,541811295
ENSG00000132016	C19orf57	0	0,072390651	0,54361453	0	0	0	4,258982802	4,874987983	4,874987983	0,541665331
ENSG00000163810	TGM4	0,027762368	0,051071119	4,793955073	0	0	0	0	4,87278856	4,87278856	0,541420951
ENSG00000163581	SLC2A2	0	0	4,819379478	0	0,048639864	0	0	4,868019342	4,868019342	0,540891038
ENSG00000137310	TCF19	0	0,834860459	0	0	1,643608883	0,63924879	1,735900151	4,853618284	4,853618284	0,53923092
ENSG00000196391	ZNMF74	0	0,031505346	0,061317113	0,042194518	0,799240236	0,840301836	3,078881405	4,853440454	4,853440454	0,539271162
ENSG00000081985	IL12RB2	0	4,778596641	0	0	0	0,074708245	0	4,853304886	4,853304886	0,539256098
ENSG00000154654	NCA2M2	0	0,067096331	3,163840284	0,440505997	0,015142449	1,116602249	0,044857959	4,840854468	4,840854468	

ENSG000000006432	MAP3K9	0,012200111	1,039142258	0,044886178	0,231736212	0	0,361665233	1,266251534	1,707396441	0	4,663277966	0,518141996
ENSG00000100336	APOL4	0	0	0	0,119230055	0	0	0	0	4,543198054	4,662428109	0,518047568
ENSG00000113327	GABRG2	0,14508303	0,023404207	0	0,785742919	3,667343323	0,014481154	0	0,014420641	0,00811061	4,658585884	0,517620654
ENSG00000133401	PDZD2	0,009490678	0,050522924	0,523766045	0,016388329	4,014754587	0,01042021	0	0,020753333	0,01167231	4,657768416	0,517529824
ENSG00000158005	GRHL3	0	0,612507107	0,211659974	2,251723131	0,911465844	0	0,191071572	0	0,471691681	4,650119308	0,516679923
ENSG00000215545	DEFB116	0	0	0	0	4,648770775	0	0	0	0	4,648770775	0,516530086
ENSG00000122641	INHBA	0,072965027	0,032368662	0,100668795	0	0	1,201670039	0,969350706	2,153967485	0,112171971	4,643162686	0,515906965
ENSG00000090889	KIF4A	0	0,117271813	0,060787251	0,228239645	0	0,798170279	1,920604251	1,517412184	0	4,642485424	0,515831714
ENSG00000189184	PCDH18	0	0,120314987	0	0,039027068	0,214847468	0	3,077644997	1,186124681	0	4,6379592	0,5153288
ENSG00000158560	DYNC11	0,066160495	0,23480035	0	2,798996006	1,100622941	0	0	0,434020886	0	4,634600678	0,514955631
ENSG00000166448	TMEM130	0	0	0	0,167875815	0	0	0	4,464374384	0	4,632250199	0,514894467
ENSG00000283761	ACT118553.2	0	0,465120555	0	0	3,612977876	0,546799819	0	0	0	4,624888251	0,513877583
ENSG00000139988	RDH12	0	0	0	0	0	0,070420449	0,213022635	4,338522379	0	4,621965463	0,513551718
ENSG00000104885	DOT1L	0,026307551	0,070023155	0,048394864	0,068141097	0,187561391	2,455153033	0,065531162	1,150538188	0,550033231	4,621683671	0,513520408
ENSG00000127129	EDN2	0	0	0,674299816	1,424144798	0	2,515321054	0	0	0	4,613765667	0,51264063
ENSG00000125726	CD70	0	0	0	0,68218294	3,686901705	0	0	0,24293663	0	4,612021275	0,512446808
ENSG00000181588	MEX3D	0	0,188169825	0	1,92267876	0,504024621	0,873213562	0,528296135	0,463767814	0,130418612	4,610569328	0,512285481
ENSG00000075673	ATP12A	0,034018589	0,120730302	0	0,176228033	4,203987439	0	0,074388691	0	0	4,609353054	0,512150339
ENSG00000135314	KHDC1	0	0	2,821290557	0	0	1,78291963	0	0	0	4,604210187	0,51157891
ENSG00000268696	ZNF723	0	0	0	3,981569095	0	0	0,615385825	0	0	4,596954919	0,510772769
ENSG00000152056	AP1S3	0,45737183	0	0,747886596	1,40405569	0	0,362676559	1,371375749	0	0,250003729	4,593370153	0,510374461
ENSG00000285162	AC004593.3	0	0,371755595	1,926976325	0	0	0,361460951	1,341928684	0,589009924	0	4,59113148	0,51012572
ENSG00000183347	GBP6	0,050589411	0	0,093063307	0,087356871	0	0	0	4,355291784	0	4,586301374	0,509589042
ENSG00000077522	ACTN2	0	0	0,045863735	0	4,503041283	0	0	0,030662683	0	4,579567702	0,508840856
ENSG00000285749	AC097636.2	0	0	0	0	4,438314602	0,089151304	0	0	0,049931897	4,577397803	0,508599756
ENSG00000113249	HAVCR1	0	0	0	0,121308682	0	2,23682321	2,216584201	0	0	4,574716093	0,508301788
ENSG00000100490	CDKL1	0	0	2,350783078	0,424353512	0	0	1,040654892	0,752331102	0	4,568122584	0,507569176
ENSG00000176490	DIRAS1	1,318207944	2,183185811	0,080831666	0	0	0,048243843	0,839144413	0,096084492	0	4,565698169	0,507299797
ENSG00000147231	RADX	0	4,312386806	0	0,107602051	0	0	0,103480686	0	0,038318871	4,561788414	0,506865379
ENSG00000188437	SH3BGR	0	1,614232776	0,185939866	0	0	0,443907898	0,755339791	1,547185266	0	4,546605597	0,5051784
ENSG00000110841	PFPIBP1	0,012926482	0,068813174	0,451806833	1,294630327	0,061440127	0,411583124	1,846098982	0,11306572	0,28616231	4,545627008	0,505169676
ENSG00000196866	HIST1H2AD	0	0	0	0	0	4,221643173	0,319262931	0	0	4,540906104	0,504545123
ENSG00000166840	GLYATL1	0	0,049290809	1,890673467	0	0	2,439861422	0,092257597	0	0,068325927	4,540409223	0,504489914
ENSG00000145949	MYLK4	0,024939853	0	0	0,818247981	0	3,665332359	0	0,030672804	0	4,539192998	0,504354778
ENSG00000183850	ZNF730	0,046595921	0	0	1,931063642	0	2,557979906	0	0	0	4,535639486	0,503959941
ENSG00000095637	SORBS1	0,06899396	0	0	0,500377542	0,065586256	0	0,011457431	0	0	4,532713573	0,503634841
ENSG00000124713	GNMT	0,140437333	0	0	0	0	0,308383972	4,081284033	0	0	4,530105338	0,503345038
ENSG00000152253	SPC25	0	0	0	0	0	2,539910414	1,989414777	0	0	4,529325192	0,503258355
ENSG00000129167	TPH1	0,026859326	0	1,334067308	2,968332452	0	0	0	0,198201055	0	4,527460141	0,503051127
ENSG00000235272	RAMACL	0,455380926	0,538708187	0,139618332	0	0,180370438	0,249990824	2,961881268	0	0	4,525949975	0,502883331
ENSG00000197168	NEK5	0,23560826	0	0,078803713	4,031454604	0	0	0	0,046836934	0,131712631	4,524416143	0,502712905
ENSG00000165695	AK8	0,055331589	0	0	0,382182314	0	0	0	0	0,408304331	4,520557234	0,502284137
ENSG00000198517	MAFK	0,236638478	1,439688591	0,559691474	0,291873573	0	0,816562122	0,926291042	0	0,249458419	4,5202037	0,502244856
ENSG00000105852	PON3	0,110058682	0	0	0,063349108	0,087185614	2,900112047	0	0	1,353579915	4,514285365	0,501587263
ENSG00000215784	FAM72D	1,24730145	0	2,046126503	0,148211945	0,479312438	0,051783051	0	0,536906998	0,509642385	4,507107136	0,501071376
ENSG00000275663	HIST1H4G	0	1,871919858	2,635706814	0	0	0	0	0	0	4,507626673	0,500847408
ENSG00000198467	TPM2	0	0	0	0	0	0	0	0,101734781	4,405844278	4,507579059	0,500842118
ENSG00000116819	TFAP2E	0	0	1,263329543	0	0	1,752576514	1,491064685	0	0	4,506970742	0,500774527
ENSG00000105767	CADIM4	0	2,138482943	0	0	0	1,543696106	0	0	0,823422784	4,505601832	0,500622426
ENSG00000046774	MAGEC2	0	0	0	4,50247671	0	0	0	0	0	4,50247671	0,50027519
ENSG00000169184	MN1	0,020345869	0,069923305	2,264433813	0,496829703	0	0	0,041558869	1,425812836	0,500904394	4,500100448	0,500099971
ENSG00000158786	PLA2G2F	0,023464374	0,083273913	0,043164612	3,565571082	0	0	0,681903978	0,102619431	0	4,49999739	0,49999971
ENSG00000180138	CNSK1A1L	0,062805723	0,111447215	0,32535533	0,298518323	0	0,104297865	0,274675451	0,077242944	4,489356472	4,498817386	0,498817386
ENSG00000140057	AK7	0	0	0	2,017514283	0,066577278	2,366414769	0	0,037288628	4,487794958	4,498643884	0,498643884
ENSG00000141639	MAPK4	0,079594717	0,035309718	0,068721352	4,303357434	0	0	0	0	4,486983222	4,498553691	0,498553691
ENSG00000127329	PTPRB	0,020782639	0,055317425	0,057347015	1,919958897	0,024695196	0,901315882	1,018119872	0	0,485639379	4,483176306	0,498130701
ENSG00000166289	PLEKHF1	0	0	1,02096101	0	0	1,443956281	0	0	2,911433679	4,476356151	0,497372906
ENSG00000157992	KRCTCAP3	0,21541065	0	0	0,255964036	0	0	4,003840091	0	0	4,475214777	0,497246086
ENSG00000134827	TNCN1	0	0	0	0	0	4,349638176	0	0,123897682	4,473535858	4,49705954	0,49705954
ENSG00000181963	OR52K2	0	0	0	0	0	4,04280693	0,117591689	0,30968563	0	4,470084249	0,496676028
ENSG00000184792	OSBP2	0	0,041914973	0,039344839	0,496829703	0	0,200133386	4,010812784	0,149472814	0,028022696	4,469701492	0,496633499
ENSG00000133466	Q1CTNF6	0,021152096	0	0,949651363	0	0	3,495044242	0	0	0	4,465847701	0,4962053
ENSG00000146904	EPHA1	0,321717204	0	1,777713261	0,07645679	0,176613345	0,213702929	1,899219304	4,465422833	0,496158093	4,465422833	0,496158093
ENSG00000104524	PYCR3	1,378257042	0	1,619848563	0,132219394	0	0,210173013	0,699353257	0	0,423769623	4,463620891	0,495957877
ENSG00000179417	ZNF540	0	2,38429959	0	0,35695619	0,081878145	0	0,743782178	0	0,88982603	4,456742132	0,49519357
ENSG00000108182	CPE	0,872071264	0	0	0,167319637	0	3,298674968	0,105942471	0	0	4,44400834	0,493778704
ENSG00000167664	TM6GD2	0	0	0,026763054	0	0,65733192	3,579185382	0	0	4,443280357	4,493697817	0,493697817
ENSG00000171097	KYAT1	0,12645236	0,299182148	1,783414861	1,382918973	0	0,231395504	0,244990885	0	0,362880239	4,431234971	0,492359441
ENSG00000196739	COL27A1	0,064710829	0,076551852	1,448329686	1,508509952	0,051262229	0,047368506	0,21492313	0,471678777	0,543837514	4,427169775	0,491907753
ENSG00000151575	TEX9	0	1,843678408	0	0,125903486	0	0,780520204	0,163459539	0,039859417	0	4,424556914	0,491617435
ENSG00000244020	MT1HL1	2,390990042	0	0	0	0	0,397058013	1,045679011	0,588121906	0	4,421848972	0,491316552
ENSG00000264006	KR1C8P	0	0	0,223498908	0,153797663	0	0	3,962384536	0,079591658	4,419272764	4,491030307	0,491030307
ENSG00000131059	BPIFA3	0	0	0	4,417278893	0	0	0	0	0	4,417278893	0,490808766
ENSG00000160408	ST6GALNAC6	0,028473821	0	0,052379894	2,851748356	0	0,047284843	1,435784325	4,415671241	0,490630138	4,490630138	0,490630138
ENSG00000000276	AOC1	0	0	0	2,08255954	0	0	2,32801535	4,415361075	0,490595675	4,490595675	0,490595675
ENSG00000157734	SNNX2	0,078607892	0,046495925	0,192807421	0,497708466	0,287689573	0,543915086	2,349196683	0,418936152	4,415357197	4,490595244	0,490595244

ENSG00000153132	CLGN	0,214189328	0,095018427	0	3,883511316	0	0	0	0,065856315	4,258575386	0,473175043
ENSG00000104490	NCALD	0,05636351	0,166692776	0,622111374	1,395027217	1,071592816	0,123767681	0,17159936	0,534085463	0,115533086	4,256773284
ENSG00000108465	CDK5RAP3	0,176496298	0	2,061029913	0	0,573329293	0,681342925	0	0	0,7645488	4,256747228
ENSG000000072071	ADGRL1	0,089024726	1,800882998	0,163768174	1,352791196	0,126941514	0,097743948	0,029567652	0	0,591240262	4,25196047
ENSG00000134954	ETS1	0,126823811	0,075015247	0,388837738	0,875988165	1,858630447	0,046415045	0	0,462210893	0,415938503	4,249859848
ENSG00000148798	INA	0	0	0	3,976693794	0	0	0	0,1016409	0,171497867	4,249832562
ENSG00000158859	ADAMTS4	0,409276067	0	0	3,634613691	0	0,192583374	0,012136809	0	0	4,248609941
ENSG00000198466	ZNFS87	0,041101746	0,856406365	0,075609982	0,248408109	0,09767919	0,767164369	1,791702007	0,494326158	0,075824774	4,248222702
ENSG00000135472	FAIM2	0,074844265	3,098883937	0	0,12923971	0	0	0,02071493	0	0,920487976	4,244170818
ENSG00000117162	DLK2	0	0	4,226888804	0	0	0	0	0	0	4,226888804
ENSG00000157150	TIMP4	0,126558267	0	0	0	0	0	4,098277176	0	0	4,224835443
ENSG00000138735	PDE5A	0,031527346	0	1,884905741	0,435526768	0,074925421	0,103845552	0,628267884	0,827292888	0,23264743	4,21899303
ENSG00000258472	AC005726.1	3,380969884	0	0,345531509	0	0	0,103114094	0,038990159	0	0,346513093	4,215118739
ENSG00000049540	ELN	0,023098528	2,049388567	0	1,236469614	0,658729824	0,025360834	0,019179201	0,202038867	0	4,214265435
ENSG00000169682	SPNS1	0,478198008	0,070712553	0,366534941	0,206435898	0	0,700044627	1,422791212	0,174279835	0,784162541	4,203159615
ENSG00000197893	NRAP	0,052798942	0,046845213	0,33994771	0,364688893	3,387901343	0	0	0	0	4,192182201
ENSG00000134538	SLCO1B1	0,067792988	0	0,124710677	0,585318472	2,577784064	0,07443274	0	0,592973652	0,166753273	4,189765864
ENSG00000104889	RNASEH2A	0,207284733	0,441386008	0	0,572896789	0,197046662	0,18206922	0,137690351	0	2,44736161	4,185535374
ENSG00000105369	CD79A	0	0	0	0	0	2,097339293	2,086998204	0	0	4,18437497
ENSG00000138083	SIX3	0	0	0	4,039538862	0	0	0,138743546	0	0	4,178282318
ENSG00000069667	RORA	0,115399014	0,567062915	0,097978065	0,459851333	0,822744766	0,22416397	0,162153986	1,6305295	0,0982564	4,178139949
ENSG00000261884	AC040162.1	0,079741726	0	0	0	0	0,758781881	2,096689805	0	1,242245883	4,177459295
ENSG00000099338	CATSPERG	0,016442935	0,087532753	0,030248107	0,02839336	0	0,758242026	0,46419927	1,006764732	0,779596731	4,171419913
ENSG00000064199	SPA17	0	0	0,640876309	0,501315993	0	0,988132157	1,952564244	0	0,071410767	4,154299471
ENSG00000153993	SEMA3D	0	0	0,413763481	0	3,652646796	0	0	0,040986674	0,046104322	4,153501274
ENSG00000134871	COL4A2	0	2,821376977	0	0,933214806	0,018613878	0,257985658	0,097551183	0	0,19265695	4,148008196
ENSG00000170298	LGALS9B	0,056595719	0	0,104112397	3,518224377	0	0	0,328948436	0	0,139210878	4,147091807
ENSG00000212864	RNF208	0	0	0,226899978	0	1,009890467	0	0	0	2,908902088	4,145692534
ENSG00000283324	CTXND2	0	4,145401141	0	0	0	0	0	0	0	4,145401141
ENSG00000180745	CLRN3	0	0	0	0	0	3,329793424	0	0	0	4,140642125
ENSG00000170426	SDR9C7	0,084466501	0	0	3,646380305	0,401472937	0	0	0	0	4,132319743
ENSG00000143797	MBOAT7	0	0	0,1050462861	0,041306366	0	0	0	1,330251882	1,710112926	4,132134035
ENSG00000126759	CFP	0,83397324	0,286425494	0	0,464545086	0,191802141	0	0,044675212	2,176620794	0,132345752	4,130387719
ENSG00000196497	IP04	0,061527105	0	0,509328357	1,274926586	1,754645972	0,135106333	0,229892709	0	0,151304816	4,116767879
ENSG00000213906	LTBR2	0	1,40996412	0	0	0	0,05131784	0	0	0	4,105556636
ENSG00000112619	PRPH2	0,050353406	0	0	0,086949342	0	0	0	3,963893512	0	4,10119626
ENSG00000134812	CBILF	0,188730838	0	0	3,910765648	0	0	0	0	0	4,099496585
ENSG00000159905	ZNF221	0,055616699	0,098690467	0	0	0	2,320427646	1,477751426	0	0,13680274	4,089288978
ENSG00000153707	PTPRD	0,023945526	0,496481691	3,518590924	0	0	0	0,029508356	0,016596403	0,0851229	4,053902544
ENSG00000187391	MAGI2	0,019113404	0,101748798	0,087901625	0,074260523	2,645914096	0,00524635	0,182508072	0,062693126	0,905020378	4,084406372
ENSG00000205517	RGL3	0	4,082314441	0	0	0	0	0	0	0	4,082314441
ENSG00000151376	ME3	0	1,520995852	1,835655111	0,093568927	0,086456788	0,457682295	0,08609551	0	0,080454483	4,053383831
ENSG000000069702	TGFBFR3	0	0,031262912	0,032409945	0,212958473	2,344710548	0,014628697	1,309872367	0,10834005	0,073526654	4,052614073
ENSG00000123560	PLP1	0,099284212	0,176177398	0,365282653	1,285816235	1,297730935	0	0,164875601	0,651316493	0,030526696	4,071010222
ENSG00000180801	ARSL	0,369958849	0,270093373	0	0	0	0	0,024382109	0,072229507	0,066293408	4,051810379
ENSG00000106006	H0XA6	0	0	4,061244741	0	0	0	0	0	0	4,061244741
ENSG00000106992	AK1	2,738988361	0,10340995	0	0,201261068	0	0,895776349	0,048388096	0	0,071672396	4,05949622
ENSG00000162595	DIRAS3	0	0	0,127972033	0,176124346	0	0	3,753648971	0	0	4,057774535
ENSG00000198851	CD3E	0,106266224	0	1,563882413	0,091749288	0	0	2,294112962	0	0	4,056010887
ENSG00000176708	TMC4	3,40516962	0	0	0	0,650204742	0	0	0	0	4,055374362
ENSG00000177238	TRIM72	1,12929608	0,031808066	0,032975101	0,061906281	2,428196906	0	0,014883788	0	0,352733613	4,051799834
ENSG00000171916	LGALS9C	0	0	0,116945772	2,085723398	0	0,158355488	1,181616283	0,508204625	0,050842167	4,050093574
ENSG00000185668	POU3F1	0	0	0,127280265	0,119475721	0,164431109	0,455798288	0,459598286	2,72336182	0,049945489	4,049993943
ENSG00000178093	TSK6	0	0,48284874	0	0	3,485516317	0,075312324	0	0	0	4,043677381
ENSG00000176293	ZNFI35	0	0	0	1,748239936	0	0,206806577	0	0	2,084909567	4,039956081
ENSG00000162779	AXDND1	0,024816977	0	0,410875495	2,099821605	0	0,136237951	0,432727373	0,651209527	0,274695139	4,030384067
ENSG00000162676	GF1I	0,029810726	0	2,083891056	1,801681616	0	0,032730435	0	0,0733267	0,021440533	4,046826726
ENSG00000158571	PFKFB1	0	0	0	0	0	0	0	4,014025359	0	4,014025359
ENSG00000183579	ZNRF3	0	0	0	0,936190351	0,690500391	1,746644978	0	0,640114313	0,013450033	4,045938893
ENSG00000143512	H1H1L2	0	0,081502128	0	3,886265579	0	0,038136879	0	0	0,005904586	4,005910051
ENSG00000078269	SYNJ2	0,036217281	0	1,643407152	0,333543149	0,229523076	0,159057835	0,030071982	1,557532914	0,014847529	4,004200918
ENSG00000213512	GBP7	0,062134281	0,110255757	0,45720411	2,038554489	0	0,272879238	0,515914194	0,543477907	0	4,000419976
ENSG00000107954	NEURL1	0	0,27024995	0	0	0,144776272	1,070175056	2,023307107	0	0,486999554	3,99550794
ENSG00000143845	ETNK2	0	0	0	3,989477786	0	0	0	0	0	3,989477786
ENSG00000137868	STR6A	0,059112233	3,776155432	0	0,102073924	0	0	0	0	0,048466951	3,98580854
ENSG00000140398	NEIL1	0,065340402	0,772966273	0	0,037609538	0	1,745671966	1,012732573	0,047626775	0,29465433	3,976601858
ENSG00000110237	ARHGGEF17	0	0,027063181	0	3,792353284	0,108735631	0,016745113	0,012663538	0	0,018757219	3,976317965
ENSG00000185842	DNAH14	0,061386511	0,013616107	0,635205629	1,272013282	0	0,909883831	0,235738703	0,167792905	0,670040272	3,965677241
ENSG00000148935	GAS2	0	0	0,523010534	0,061367586	0	0,117058262	0	3,263935051	0	3,965371433
ENSG00000186280	KDM4D	0,051206564	0	0,08842256	0	3,823083435	0	0	0	0	3,962712559
ENSG00000132170	PPARG	0	0,471977118	0,30580869	2,29139906	0,255527841	0,634943374	0	0	0	3,959656083
ENSG00000186193	SPACD2	0,039619971	0	1,847206165	0	0	2,072530392	0	0	0	3,959356529
ENSG00000144771	LRTM1	2,110750828	0,170248889	0,352990602	0,662691999	0,228011138	0,105340049	0,020979725	0,117997792	3,957831022	4,039759002
ENSG00000182885	ADGRG3	0	1,458537556	0	0,110838748	2,099485693	0	0,286800189	0	3,955662186	3,95518021
ENSG00000145217	SLC26A1	3,238335081	0,062460284	0	3,543645516	0,083651885	0,541054757	0,029226725	0	3,954728733	4,039414304
ENSG00000139351	SYCP3	0	0	0	0,043330002	0,229379035	0,086297876	0,048536569	0	3,951188997	4,039021
ENSG00000149292	TTC12	0	0,859753678	0	0	1,877524444	1,088577003	0,124645254	0	3,950500379	4,038944487
ENSG00000197935	ZNFI31	3,140207073	0	0	0	0,104477693	0	0	0,70219089	3,946875656	4,03854174
ENSG00000189129	PLAC9	2,924720723	0	0	0,420862862	0	0	0	0,599504911	3,945088495	4,038343166
ENSG00000204822	MRPL53	0	2,348689052	0	0	0	0	0	3,932109702	0,032109702	4,036901078
ENSG00000165182	CXorf58	0	0	0,135600048	0	0	0	3,79471248	0	0	3,930318258
ENSG00000204580	DDR1	0,927668489	1,087618286	0	0,14302509	0	0,491074937	0,742753555	0	0,529709447	4,032149804
ENSG000											

ENSG00000214511	HIGD1C	0	0	0	0	0	3,13038824	0,67638993	0	0	3,80677817	0,422975352
ENSG00000147262	GPR119	0	0	0	3,172461697	0	0,630359334	0	0	0	3,802821031	0,42253567
ENSG00000239521	CASTOR3	0,0310034	0,220059089	1,596931221	0,10707221	0,221040752	0,442518978	1,18416809	0	0	3,80279374	0,422532638
ENSG00000196639	HRH1	0	0	0	0,04704922	0	0,209407508	0,3099429406	0,238322804	0,201060067	3,795269005	0,421696556
ENSG00000229894	GK3P	0,566260168	0,861269808	0	1,396868172	0	0,444086126	0,201504816	0	0,298468719	3,768457809	0,418717534
ENSG00000154188	ANGPT1	0	0	0,03899833	2,891956088	0,604574987	0,232758946	0	0	0	3,768288351	0,418698704
ENSG00000136615	CILP	0	3,400180346	0	0,137866313	0	0,204539281	0,022097628	0	0	3,764683568	0,418298176
ENSG00000198092	TMPRSS11F	0,144741926	0	0	1,874532864	0	1,03296815	0	0	0,712055641	3,76429858	0,418255398
ENSG00000169855	ROBO1	0,081984214	0	0	3,468436682	0,032472877	0,045006938	0,136146486	0	0	3,764047197	0,418227466
ENSG00000110693	SOX6	0,115433824	0,040966898	0,198193185	1,541477748	0,054866196	0,371769473	0,415337726	0,403871951	0,615197797	3,757114797	0,4174572
ENSG00000167371	PRRT2	0	0,142818642	0,296117283	0,764390072	1,912743235	0,088367817	0,100242609	0,351994213	0,098986164	3,755660034	0,417235559
ENSG00000198673	TAFA2	0,016327452	0,028972663	0	0,028193946	3,026598412	0,286825416	0,203355481	0,142813427	0,020080662	3,753167461	0,417018607
ENSG00000274386	TMEM269	1,209437451	0,919764464	0	0	0	0,227638569	0,258228445	0,075562444	1,062465826	3,753097198	0,4170108
ENSG00000280433	FP565260.6	0,502677929	0	0	0,916238129	0	0,429264105	0,278256142	0,732806285	0,89299752	3,75224011	0,416915568
ENSG00000261221	ZNF865	0,188652398	0,468662672	0,069408264	0	1,793346029	0,124277586	0,720553717	0,24751653	0,139210878	3,751628074	0,416847564
ENSG00000169760	NLGN1	0,014890675	0,026423138	1,123096576	0,128564729	2,406384793	0,016349091	0	0,032561546	0	3,748270549	0,416474505
ENSG00000185633	NDUFA4L2	0	0	0,099066322	0	0	0,591270765	0,804870269	0	2,251882308	3,747089665	0,416343296
ENSG00000007952	NOX1	0	2,108863548	0	0	0	1,239599275	0,394715948	0	0	3,743178771	0,415908752
ENSG00000242028	HYPK	0	0,754975129	0	1,387734888	0,056173556	0,8304612	0,628038577	0,051686934	0,029070315	3,738140599	0,415348955
ENSG00000185988	PLK5	0	0	0	3,736133707	0	0	0	0	0	3,736133707	0,415125967
ENSG00000149927	DOC2A	0,688160576	0,084215452	0	0,327807757	0,225576346	0,807667694	1,280711617	0	0,321028854	3,735168297	0,4150187
ENSG00000141837	CACNA1A	0,035012528	0,11183197	0,141698422	0,296249073	2,903960293	0,049974223	0,014535825	0,130155649	0,047366986	3,730784969	0,414531663
ENSG00000119714	GPR68	0,043497574	0	0,0800173	3,605319165	0	0	0	0	0	3,728834039	0,414314893
ENSG00000243811	APOBEC3D	0	0	0,989253021	0	1,277998371	0,065603233	0,54573889	0,261316384	0,587889355	3,727799254	0,414199917
ENSG00000148219	ASTN2	0,054684163	0	0	1,227558988	0,173277463	0,680453511	0,908108555	0,039859417	0,627708399	3,711650496	0,412405611
ENSG00000132010	ZNF20	0,036892229	0	0	2,484448824	0	0,202527559	0,214326837	0	0	3,709670573	0,412185619
ENSG00000188452	CERKL	0	0,056226043	0,0582897	0,383003737	0	0	1,131311444	2,078640601	0	3,707470795	0,411941199
ENSG00000172819	RARG	0	0	0	0,05089428	0	1,747449023	0	0,616226034	0,703567066	0,411507452	0
ENSG00000222047	C10orf55	0,120215251	0,426638027	0,110572832	0	0	0,593951945	0,898355599	0	1,55241725	3,702150905	0,411350101
ENSG00000131142	CCL25	0	0,271124368	0	0	0	0	3,425378123	0	0	3,696502492	0,410722499
ENSG00000166689	PLEKHA7	0	0,048850793	0	0,071306697	0,032712474	0,937006354	0,34287757	1,113689105	1,134242758	3,680685751	0,408965083
ENSG00000176928	GCNT4	0,099153918	0,92371752	2,462422137	0,1712717175	0	0	0,020582404	0	0	3,677093153	0,408565906
ENSG00000139287	TPH2	0	0,038698514	2,808285024	0,828484549	0	0	0	0	0	3,675468086	0,408385343
ENSG00000147257	GPC3	0	0,395635559	3,076135363	0	0,132466818	0	0	0	0,068552756	3,672790496	0,408087833
ENSG00000169258	GPRIN1	3,604668785	0,063330657	0	0,252320047	0	0	0	0	0	3,667999442	0,407555494
ENSG00000185697	MYBL1	0,020874509	0,037041304	0	0	0	2,475251041	0	0	0,872880475	3,658367376	0,406485264
ENSG00000196118	CCDC189	0	0	0	0	0	0,448060971	1,791050264	0,127482472	1,290600849	3,657194556	0,406354951
ENSG00000001030	ETV7	0	0	0,117093555	0,109913637	0	2,795460433	0,634222403	0	0	3,656690028	0,406298892
ENSG00000144857	BOC	0,043884967	0,051915198	0,107639922	0,10103968	0,1390581	0,016061043	0,024292417	3,134810031	0,035981902	3,65468326	0,406075918
ENSG00000075702	WDR62	0	0,027322397	0,028324852	2,8183317	0	0,642408999	0	0,134678854	0	3,651066802	0,405674089
ENSG00000148082	SHC3	0,045424019	0,026867936	0	0,653644726	0,035983722	0,731469476	0,176010486	0,099329028	1,880811498	3,649540891	0,405504543
ENSG00000179588	ZFPM1	0,441413546	0,391638754	0,541343912	0,465804077	0	0,350022314	0,610858481	0,214498259	0,633362053	3,648941395	0,405437933
ENSG00000100288	CHKB	0,950380948	0,177518702	0,276047765	0,172747418	0	0,494271827	0,456859865	0,875033611	0,246072853	3,648932989	0,405436999
ENSG00000163435	ELF3	0	2,947845534	0,038683565	0,036311575	0	0,623376784	0	0	0	3,646217458	0,405135273
ENSG00000204583	LRCL01	0	0	0	0,140589965	0	0	0	0	0	3,645238822	0,405026536
ENSG00000133619	KRBA1	1,783767276	0,200968334	1,368967452	0	0,031086861	0,258604769	0	0	0	3,643394692	0,404821632
ENSG00000166343	MSS51	0	0	0,114725588	0	0	0	0	0	3,528245986	3,642971574	0,404774619
ENSG00000108222	MDM1L1	1,274930126	0,259611895	0,038448146	1,082717737	0,049670476	0,137685126	0,694165046	0,102819653	3,640048205	0,404449801	0
ENSG00000149294	NCAM1	0,106775154	0,252626521	0,283719972	0,757995922	0,98681903	0,143284631	0,216718796	0,59668643	0,2918215	3,636447956	0,404049773
ENSG00000180332	KCTD4	0	0	0	0	0	0	3,632921141	0	0	3,632921141	0,403657905
ENSG00000123977	DAW1	0,051520822	0	3,411961665	0	0	0,056566852	0	0,11266095	0	3,632710289	0,403634477
ENSG00000261341	AC010325.1	0	0,322286058	2,50899014	0	0,797647003	0	0	0	0	3,628923202	0,403213689
ENSG00000114859	CLCN2	0,01773182	2,485709693	0,032619115	0,061237966	0	1,01236212	0,014723109	0	0	3,624383824	0,402709314
ENSG00000163430	FSTL1	0,07138801	0,095007204	3,118945247	0,246543025	0,084827576	0	0	0	0	3,616711063	0,401856785
ENSG00000205456	TP53TG3D	0	0	3,615073156	0	0	0	0	0	0	3,615073156	0,401674795
ENSG00000075826	SEC31B	0,057137851	0	1,84173917	0	0,083645363	0,015814259	0	1,616260403	3,614597046	0,401621894	0
ENSG00000117594	HSD11B1	0	0	0,172576041	0	0	0	0	0	3,441620224	3,614178306	0,401575367
ENSG00000137807	AC027237.1	0,045958203	0	0,042271913	0,198399464	0,054610332	0,126148553	0,3090966208	0,050248566	0	3,608603328	0,400955915
ENSG00000156097	GPR61	0,029881465	3,287483489	0	0,154796307	0	0,098424309	0	0	0,03675035	3,607335921	0,400815102
ENSG00000175449	RFSFD	0	0	0,054915073	0,103095604	0	1,212700778	0,793174758	1,436104402	0	3,599990615	0,399998957
ENSG00000137343	ATAT1	0,074899911	0	0	2,198708584	0	0,123353589	0,279859477	0	0,9221172353	3,597993914	0,399777102
ENSG00000115457	IGFBP2	0,22306495	1,074377478	0,058620856	0,11005271	0	0,489824562	0,767321727	0,278730129	0,587873858	3,58986627	0,39887403
ENSG00000120318	ARAP3	0	0,043283616	0,94230542	0	1,472975257	0,891153286	0,2399959509	0,589713089	0,39885701	3,58977102	0
ENSG00000090554	FLT3LG	0	0	3,025598792	0	0	0	0,264519323	0,232209816	0,065300957	3,587628887	0,398625432
ENSG00000263353	PPIAL4A	0	0	0,790712044	0	0,502759323	0	2,002633743	0,02158564	0,28158564	3,57769075	0,397521194
ENSG00000154162	CDH12	0,050981974	0,045233131	3,301302816	0,121159765	0	0	0,021165711	0,031350628	0	3,571194024	0,396799336
ENSG00000181458	TMEM45A	1,811817	0	0	0,059803088	1,65772433	0,04178862	0	0	0	3,571133039	0,39679256
ENSG00000157322	CLEC18A	0	0	0	3,567780144	0	0	0	0	0	3,567780144	0,396420016
ENSG00000159217	IGF2BP1	0	0	3,440841218	0,037287669	0,034453448	0,034309476	0,0192967	3,566188512	0,396243168	3,566188512	0,396243168
ENSG00000123610	TNFAIP6	0	0	0	0,841651626	0	2,723937462	0	1,485286891	3,565589088	3,566176565	0,396176565
ENSG00000100652	SLC10A1	0	0	0,912360051	0,662979327	0,501379948	0,840408156	0,1641865889	0	3,562006218	3,562006218	0,395778469
ENSG00000166823	MESP1	0	0	0,771019342	0,303180703	0,840408156	0,1641865889	0	0	3,55647409	3,55647409	0,395163788
ENSG00000163093	BBS5	0	0	0	0	1,170032276	1,681196268	0,698999614	3,550228157	0,394469795	3,550228157	0,394469795
ENSG00000182223	ZAR1	0,103500391	0	0	3,443592872	0	0	0	0	0	3,547093263	0,394121474
ENSG0												

ENSG00000151704	KCNJ1	0	0	0	0,056272369	0,077446095	2,86237786	0,351760689	0,07126042	0	3,419117433	0,379901937
ENSG00000187775	DNAH17	0,084429795	0,099879066	0,034514539	1,360723731	0,066883078	0,823990945	0,334940668	0,594897098	0,011537529	3,41179645	0,379088494
ENSG00000124440	HIF3A	0,090258375	0,864870864	0,398490167	0,187027816	1,201205493	0,257655895	0,074943455	0,157894907	0,177698865	3,409956837	0,378884093
ENSG000000251287	ALG1L2	2,146567045	0	0	1,044436189	0	0	0,08370269	0	0,123980335	3,398686259	0,377631807
ENSG00000182986	ZNF320	0,181841842	0	0	1,758406568	0	0,439233777	0,815330677	0	0,201278822	3,396090686	0,377343441
ENSG00000107957	SH3PXD2A	0,154246925	0,091235795	0	0,954423606	0,061095193	0,691529284	0,736428454	0,702693449	0	3,391652705	0,376850301
ENSG00000160229	ZNF66	0,050219532	1,158473247	0	0,520309022	0	0,606519224	0	0	1,049980352	3,385501376	0,37616682
ENSG00000127241	MASP1	0,011481694	3,015349594	0	0,317222065	0	0	0	0,025107102	0,014121003	3,383281458	0,375920162
ENSG00000140505	CYP11A2	0,048247309	0,085613665	0	3,249190297	0	0	0	0	0,358051271	3,375894586	0
ENSG00000134253	TRIM45	0,034594911	0	0	0,119475721	0	1,633277197	1,551144214	0	0,042547281	3,381039324	0,375671036
ENSG00000099998	GGT5	0	0	0	3,31879634	0,059319052	0	0	0	0	3,378115393	0,375346155
ENSG00000101200	AVP	0	0	0	3,37234216	0	0	0	0	0	3,37234216	0,374704684
ENSG00000139725	RHOF	0	0,173526614	0,404759892	0,759881822	0	0,671050707	0,669878815	0	0,691549913	3,370647762	0,374516418
ENSG00000182010	RTKN2	0,030860935	0,082142959	0	1,9717337	0,036670841	1,033446868	0,179371454	0,033741914	0	3,367968671	0,374218741
ENSG00000172215	CXCR6	0	0	3,166395829	0,069121848	0,095130475	0	0,033237174	0	0	3,363885326	0,373765036
ENSG00000187871	GFRAL	0	0	2,618336882	0	0,187921268	0,260456164	0,196970694	0	0,097250927	3,360935935	0,373437326
ENSG00000006042	TMEM98	0	2,636445345	0	0	0,623107361	0	0,096757534	0	0	3,35631024	0,37292336
ENSG000000272031	ANKRD34A	0	0,073043312	0	0	0	0	3,281163681	0	0	3,354206993	0,372689666
ENSG00000137135	ARHGEF39	0,542629684	0	0	0	0	0	1,96865009	0,464310868	0,377206056	3,352796698	0,372532966
ENSG00000062524	LTK	0	0	0	0	0	0	0,04752523	0	3,300625718	3,348150947	0,372016772
ENSG00000108375	RNF43	0	0	2,814988344	0	0	0,132640035	0	0	0,396208442	3,343836821	0,371537425
ENSG00000112210	RAB23	0	0	0	0	0	0	3,341454257	0	0	3,341454257	0,371272695
ENSG00000136828	RALGPS1	0,11505516	0,306243838	0,026456657	0	0	0,900057378	0	0,754775828	1,238151381	3,340740241	0,37119336
ENSG00000157110	RBPMS	0	0,03125479	2,64044836	0,161510026	0,093271069	0	0,037152526	0,376122937	0	3,339759707	0,371084412
ENSG00000175183	CSR2P	0,051732479	0	0	1,831279349	0,245886712	0,709990486	0,386591232	0,113123782	0	3,338604039	0,370956004
ENSG00000186583	SPATC1	0	1,736844046	0	0	0	0,413329788	1,187810816	0	0	3,33798465	0,370887183
ENSG00000183655	KLHL25	0,021250256	2,865812404	0,039091562	0,110083662	0,050501693	0,093326158	0	0,156810453	0	3,336876189	0,370764021
ENSG00000181323	SPEM1	0	0	0	3,332175511	0	0	0	0	0	3,332175511	0,370241723
ENSG00000180264	ADGRD2	0,054405246	0	0	3,10021752	0	0,089600671	0,045173837	0	0,03345572	3,322852994	0,369205888
ENSG00000148482	SLC39A12	0	0,095492165	0,098995762	0,185851122	0	0	0	2,941903201	0	3,322422429	0,369138028
ENSG00000163794	UCN	0,19007619	0	0	0	0	3,13038824	0	0	0	3,320464429	0,368944022
ENSG00000146938	NLGN4X	0,020313291	0,072090872	0,037367939	0,03507662	0,241374877	0,066908419	0	2,842829993	0	3,315962012	0,368440224
ENSG00000118804	STBD1	0	0	0	2,975574272	0	0	0,330185084	0	0	3,305759356	0,367306595
ENSG00000125869	LAMP5	0	0	0	0,127784023	0,351731187	0	0	2,821372277	0	3,300887488	0,366765276
ENSG00000128567	PODXL	0,087689291	0,272304367	0,443606715	0,757101334	0,520988746	0,336972011	0,564279746	0,287626201	0,026961631	3,297530042	0,366392227
ENSG00000180210	F2	0	0	0	2,96749679	0	0,065062971	0	0,259164367	0	3,291723128	0,365747014
ENSG00000166963	MAP1A	0	0	0,026111225	3,161808353	0,033732627	0,031168622	0,035357035	0	0	3,288177862	0,365353096
ENSG00000132749	TESMIN	0,130515262	0,046319226	0,14405602	2,298787995	0,124068938	0	0,130043529	0,285398659	0,128413558	3,287603189	0,365289243
ENSG00000151962	RBM46	0,150097413	0,133172088	0	0	0,089177438	0	2,86646897	0	0,046150117	3,285066027	0,365007336
ENSG00000122367	LDB3	0,203714071	0	2,914710445	0,039085526	0	0,12425897	0	0	0	3,281769012	0,364641001
ENSG00000022267	FHL1	0	1,93763311	0,730445325	0,171414009	0,058978082	0,326971082	0	0,054267461	0	3,279709068	0,364412119
ENSG00000123500	COL10A1	0	0	0	0	0	0	0	3,278463072	0	3,278463072	0,364273675
ENSG00000030419	IKZF2	0,098765079	0	0,204397132	1,343047663	0	0,189766999	0,881572594	0,026996288	0,531423879	3,274863075	0,363996626
ENSG00000102349	KLRF	0,047485449	0	0,02183833	0	0	0,560464671	1,182845458	0	1,460024529	3,272658437	0,363628715
ENSG00000141198	TOM1L1	0	0,036858007	0	0	2,665614747	0	0,017246781	0,49962615	0,051091822	3,270437513	0,363381946
ENSG00000150687	PRSS23	0	3,116295527	0,091204116	0	0	0	0,057748089	0	0	3,265247732	0,362805304
ENSG000000283755	CPHXL	0	0	3,264087247	0	0	0	0	0	0	3,264087247	0,362676361
ENSG00000145284	SCD5	0,035715096	0	0	0	0	0	3,143430676	0	0	3,264023471	0,362669275
ENSG000000269466	H3.Y	0	0	0	2,203175106	0	0,384878319	0,675735312	0	0	3,263788737	0,362643193
ENSG00000089199	CHGB	2,888328875	0,060297279	0,11735326	0,080755013	0,037308427	0	0,074305052	0	0	3,258347907	0,362038656
ENSG00000101213	PTK6	0,102343766	2,451687776	0,176725347	0	0,056183737	0,467380173	0	0	0	3,2543208	0,3615912
ENSG00000126251	GPR42	0	0,863581321	0	0	0,356222387	0,673485411	0,354733835	0,997565874	0	3,245588827	0,360620981
ENSG00000161714	PLCD3	0	0	0	0,319310204	2,876635666	0	0,048967778	0	0	3,245913648	0,360545961
ENSG00000082458	DLG3	0	0,03407141	0,066311302	0,0456312	0	0,031885726	0,041986603	3,022662641	0	3,242548866	0,360283207
ENSG00000180900	SCRIB	0	0,366425448	0	0	0	0,40306244	0,533429896	0,551894965	1,382702624	3,23751539	0,359723932
ENSG00000126838	PZP	0,241699569	0,128666987	0,622476229	1,502504652	0,114880852	0,106148801	0,100344155	0,211410472	0,208081519	3,236213237	0,359579249
ENSG000000241563	CORT	0	0	3,232822694	0	0	0	0	0	0	3,232822694	0,359202522
ENSG00000162069	BICDL2	0	0	3,226914398	0	0	0	0	0	0	3,226914398	0,358546044
ENSG000000233670	PIRT	0	0	0	0	0,415525071	0,095858292	0,036294571	2,676357504	0	3,224162437	0,358240271
ENSG00000144407	PTH2R	0,034421542	0,061080182	0	0,08180354	0,982613894	2,057827769	0	0	0	3,217746927	0,357527436
ENSG00000172818	OVL1	0	0	0,06861293	0	0,3097462778	0	0	0,048868399	0	3,214944108	0,357216012
ENSG00000136492	BRIP1	0,018910095	0,067111	0,173933237	2,122484464	0	0,830487182	0	0	0	3,212925977	0,356991775
ENSG00000102053	ZC3H12B	0,019301389	0	0,035506463	2,733001394	0,045870168	0	0,352579806	0	0,02373822	3,20999744	0,356666382
ENSG00000156509	FBXO43	0	0	2,690727857	0,180642627	0,333824098	0	0	0	0	3,205194582	0,356132731
ENSG000000259224	SLC3506	0	0	2,767725128	0,211619059	0	0	0,221809662	0	0	3,201153849	0,355683761
ENSG00000164532	TBX20	0	1,430090667	0	0	0	1,769712818	0	0	0	3,199803485	0,355533721
ENSG00000132932	ATP8A2	0,057500217	0,076524543	0,124112906	2,733010216	0,031565939	0,011935914	0,157170171	0	0	3,191819907	0,354646656
ENSG00000105426	PTPRS	0	0	0,064910706	0,12861051	0,639235147	0	1,127987807	0	1,236806978	3,190801688	0,354533521
ENSG00000182791	CDCD87	0,10464721	0	0,090351445	2,984356308	0	0	0	0	0	3,179354963	0,353261663
ENSG00000050327	ARHGEF5	0,025972941	0	0,955586452	0	0,598852202	1,595875656	0	0	0	3,176287251	0,352920806
ENSG00000276293	PIP4K2B	0	0,262241565	0,04531053	0	0,459735909	1,165739026	0	1,242006098	0	3,175033128	0,352781459
ENSG00000100433	KCNK10	0	0,064941148	0	0,094793524	0	1,084908106	1,929611548	0	0	3,174254327	0,352694925
ENSG00000173269	MMRN2	0	0,158164766	0,054655938	0	0	2,960369611	0	0	0	3,173190314	0,352576702
ENSG00000128573	FOX2P	0	0,164161871	1,63377553	0,031949917	0,219858909	0,010157376	0,606841939	0,505746552	0	3,172492094	0,352499122
ENSG00000022556	NLRP2	0,31117336	0	0,330636378	0	2,260147251	0,258373882	0	0	0	3,16035817	0,351150908
ENSG00000119946	CNNM1	0,024546876	0	0,0084774196	0,058336183	2,99156498	0	0	0	0	3,159222235	0,351024693
ENSG000000213397	HAUS7	0,190411505	0,135152218	0,070055468	0,263039289	0,814530716	0,167248565	0,158102737	1,358			

ENSG00000188227	ZNF793	0	0	0,023151503	0,130391426	0,05981803	0,746162334	1,003177469	0	1,083472688	3,046173449	0,338463717
ENSG00000181649	PHLDA2	0,657002481	0	2,115065971	0	0	0,272761591	0	0	0	3,044830043	0,338314449
ENSG00000187105	HEATR4	0,466723074	1,847497744	0,066044215	0	0	0	0	0	0,662318326	3,042583358	0,338064818
ENSG00000148513	ANKRD30A	0	0	2,882345591	0,156092707	0	0	0	0	0	3,038438698	0,3376043
ENSG00000157399	ARSE	0	0,093169562	0	0	0	2,877359942	0	0,064574886	0,03510439	0,337233821	0,337233821
ENSG00000183607	GKN2	0	0	0,827839386	0	0,947458877	1,257999623	0	0	3,032397886	0,337033098	0,337033098
ENSG000000054690	PLEKH1H1	0,02793946	0	0,051396894	0,04824535	0,033199366	2,822182316	0,04639746	0	3,029360846	0,33659565	0,33659565
ENSG00000204304	PBX2	0,242164376	0,184163462	0,50912106	0,836330047	0	0,303865525	0,258524036	0,226946818	0,468020088	0,3029135412	0,336570601
ENSG00000159674	SPON2	0	0,985651462	0	0,043598158	0,120005862	0,637584505	0	0	1,242082202	0,3028922008	0,33654689
ENSG00000268870	AC008758.5	0	0	1,351605019	0	0	0,268898828	0,203355481	0	1,204839691	0,3028699019	0,336522113
ENSG00000165152	TMEM246	1,143745534	0	0,200382122	0	1,617938108	0	0	0,059548489	0	3,021614253	0,335734917
ENSG00000134716	CYP2J2	0	0	2,898547954	0	0,120792984	0	0	0	0	3,019340939	0,335482327
ENSG00000116748	AMPD1	0	0	2,97642546	0	0	0	0,040710685	0	0	3,017136145	0,335237349
ENSG00000183723	CMTM4	0,018616554	0,891934705	0	1,125135409	0	0	0,973836506	0	0	3,009523174	0,334391464
ENSG00000221955	SLC12A8	0	0	0	0	0	1,72266621	1,28030951	0	0	3,00297572	0,333663969
ENSG00000230358	SPDYE21P	1,518112379	0,621658424	0	0	0	0	0	0,861730397	3,0015012	0,333500133	0,333500133
ENSG00000168497	CAVIN2	0	0	0,091021643	2,306890738	0	0,5975823	0	0	0	2,995494681	0,332832742
ENSG00000187682	ERAS	0	0	0	0	0	0	0	0	2,995224073	0,332802675	0,332802675
ENSG00000111961	SASH1	0,041605333	0,024609214	0,025512124	0,167634437	0,296627926	2,025156636	0,046061062	0,333588495	0,034112798	2,994908024	0,332767558
ENSG00000177535	OR2B11	0,047118981	0	0,130018755	0,366138879	0,111979277	0,439738042	0,332553109	0	1,564657344	2,992204388	0,332467154
ENSG00000139329	LUM	0,113149061	0	2,289615192	0,586151197	0	0	0	0	2,98891545	0,332010177	0,332010177
ENSG00000143869	GDF7	0,962072264	0	0,056314875	0	0	0	0	0,320914115	1,644482014	2,983783269	0,331531474
ENSG00000167711	SERPINF2	0	0,799401193	1,183901614	0,444522955	0	0,141320764	0,053437109	0,281460449	0,079150989	2,983195073	0,331466119
ENSG00000206557	TRIM71	0	0	2,877959279	0	0,038122835	0	0,03796353	0	0	2,975397496	0,330599722
ENSG00000132623	ANKEF1	0	0	0,047364133	0	0,183566643	1,950558833	0	0	0,791644753	2,973134363	0,330348263
ENSG00000124920	MYRF	0,01414893	0,075320787	1,171264462	1,710247961	0	0	0	0	2,970982139	0,330109127	0,330109127
ENSG00000149124	GLYAT	0	0	2,8480864	0,11528653	0	0	0	0	0	2,963372931	0,329263659
ENSG00000173093	CDC63	0,069189822	2,33273718	0	0,358427163	0	0	0,114899571	0	0,085094561	2,960348298	0,328927589
ENSG00000181619	GPR135	0,030361778	0	1,258275947	0	1,666772922	0	0	0	2,955410648	0,328378961	0,328378961
ENSG00000182950	ODF3L1	0	0	0	0	0	0	0	2,955156715	2,955156715	0,328350746	0,328350746
ENSG00000107338	SHB	0	0,666467274	0	0,259421681	0	0,384879548	0,686084665	0	0,954638308	2,951491478	0,327943498
ENSG00000261456	TUBB8	0	0,179900705	0	0	2,770782782	0	0	0	2,950683487	0,327853721	0,327853721
ENSG00000161249	DMKN	0	0	0,070106119	0	1,025239996	0,30339414	0	1,547888821	2,946629075	0,327403231	0,327403231
ENSG00000188580	NKAIN2	0	0	2,859902033	0,085565295	0	0	0	0	2,945467328	0,327274148	0,327274148
ENSG00000119608	PROX2	0	0	1,704652381	0,400031718	0,157300719	0	0	0,072368499	0,61053391	2,944887227	0,327209692
ENSG00000106789	CORO2A	0,026445672	0	0,0972979	0,410993135	0,062848712	0,1016253095	1,207712331	0,057828941	0,065049535	2,944429321	0,327158813
ENSG00000198720	ANKRD13B	0	0	1,029926763	0	0,192605731	1,718771671	0	0	2,941304165	0,326811574	0,326811574
ENSG00000158966	CACHD1	0,021519591	0	0,079174053	2,786972813	0,051141775	0	0	0	2,938808232	0,326534248	0,326534248
ENSG00000106013	ANKRD7	0	0	2,581810435	0,355327384	0	0	0	0	2,937137818	0,326348646	0,326348646
ENSG00000065675	PRKCQ	0	0	2,93007407	0	0	0	0	0	2,93007407	0,325563786	0,325563786
ENSG00000088538	DOCK3	0,083311595	0	1,471280709	0,172633129	0,079196723	0	1,120641404	0	2,92706356	0,325229284	0,325229284
ENSG00000136379	ABHD17C	0,041743252	0,370361879	0,153580165	1,22538524	0,198407482	0	0,935828443	0	2,92530646	0,325034051	0,325034051
ENSG00000099364	FBXL19	0,557089661	0,061783871	0,512405712	0,30601633	0	0,229369461	0,404743006	0	0,856435587	2,922443629	0,324715959
ENSG00000135253	KCP	0,073185892	0,844132704	0,06731568	0,252752125	0,347855714	0,843715247	0,379798801	0	0,112511516	2,921267678	0,324585298
ENSG00000156959	LHFPL4	0,028250247	0	0	0,292692063	0,134274647	2,326284026	0	0,138976648	2,92047763	0,324495714	0,324495714
ENSG00000134200	TSBH	0	0	2,915474577	0	0	0	0	2,915474577	2,915474577	0,32394162	0,32394162
ENSG000002040184	PCDHGC3	0	0	0	0	0,580534246	2,333794389	0	0	2,914328635	0,323814293	0,323814293
ENSG00000165985	C1QL3	0	0	0,109821117	0	1,396553676	0	0	1,407928199	2,914302992	0,323811444	0,323811444
ENSG00000197191	CYSRT1	0	0	0	0	0	1,633227905	0	1,28071876	2,913946665	0,323771852	0,323771852
ENSG00000122870	BICC1	0,092014353	0,040819303	0,338535666	0,834165697	0,218674101	0,050513191	0,706713698	0,150906333	0,480954617	2,91329696	0,323699662
ENSG00000173421	CDC36	0	0	2,588879536	0	0	0,318452619	0	0	2,907332155	0,323036906	0,323036906
ENSG00000140986	RPL3L	0,09722335	0	0,094610216	1,822931687	0	0,045493231	0,838666415	0	2,898924899	0,322102767	0,322102767
ENSG00000161610	HCRT	0	0	0	0	0	0	0	2,898819238	2,898819238	0,322091026	0,322091026
ENSG00000141519	CDC40	0,060680884	0,484545327	0	0,104782642	0,036052358	1,082641049	0,314903955	0,796147939	0,018657416	2,898411157	0,32204573
ENSG00000112218	GPR63	0,050648758	0	0,046586241	1,355619945	1,444414449	0	0	2,897269393	0,321918821	0,321918821	0,321918821
ENSG00000124721	DNAH8	0,040148939	0	1,144786857	1,525226022	0,143122235	0	0,043896987	0	2,897181041	0,321909005	0,321909005
ENSG00000166800	LDHAL6A	0	0	0,504514645	0	0,192471667	1,55261045	0	0,646797641	2,896394404	0,3218216	0,3218216
ENSG00000123240	OPTN	0,029410387	0	0,15235596	0	0,032290887	0	0	2,676652909	2,890710144	0,321190016	0,321190016
ENSG000000009724	MASP2	0	0	0,065391696	2,823573002	0	0	0	0	2,889646698	0,320996078	0,320996078
ENSG00000204576	PRR3	1,023640866	0	0,487614996	0	0,155020394	0	1,003421952	0,217059708	2,886757917	0,32075088	0,32075088
ENSG00000181856	SLC2A4	0,074696278	0,265093426	0,412229509	0,709412931	0,621310627	0,041006074	0,124043828	0,408347216	0,229666983	2,885806873	0,320645208
ENSG00000100429	HDAC10	0,42729711	0,270795799	0	1,450686901	0,167552592	0,126712111	0,066740975	0,375371687	2,885157174	0,320573019	0,320573019
ENSG00000175287	PHYHD1	0	0,097742651	0,183498576	0	0	2,602935861	0	0	2,884177087	0,320464121	0,320464121
ENSG00000166878	IQCD	0,061427061	0,109000813	0	0	0,067443324	1,8871554	0	0,755473668	2,880500266	0,320055585	0,320055585
ENSG00000172421	EFCA83	0	0,174344603	0	0,084829316	2,45171274	0	0,107423461	0,060418245	2,878728366	0,319858707	0,319858707
ENSG000000075275	CELSR1	0,047199928	0,020938779	0,08682808	0	0,028042913	0,025911382	2,616006454	0,051606211	2,876533746	0,319614861	0,319614861
ENSG00000125879	OTOR	0	0	0	0	0	0	2,874786969	2,874786969	2,874786969	0,319420774	0,319420774
ENSG000002071503	CCL5	0	1,073283523	0	0	0	0	0,837026898	0,220436669	2,874629101	0,319403233	0,319403233
ENSG00000266202	AC005697.1	0	0	0	0	0	0	0	2,873915293	2,873915293	0,319323921	0,319323921
ENSG00000184378	ACTR3	0,090431221	0	0	0	2,780069508	0	0	2,870507229	2,870507229	0,318944525	0,318944525
ENSG000001665181	SHOC1	0,048155058	0,128174952	1,550239558	0,166306549	0,114441537	0	0,039984172	0,052650505	0,769918671	2,869871001	0,318874556
ENSG00000116667	l1orf21	0,054745248	0	0,025177076	2,221527725	0	0	0,568201848	0	2,869651897	0,318850211	0,318850211
ENSG00000183840	GPR39	0	0	0	0	0	0	2,864573637	2,864573637	2,864573637	0,31828596	0,31828596
ENSG00000144290	SLC4A10	0,020014645	0	0,073637112	0,103682771	0	2,658973923	0	2,856308452	2,856308452	0,317367606	0,317367606
ENSG00000204681	GABBR1	0	0	2,396380164	0	0	0,459326912	0	2,855707076	2,855707076	0,317300786	0,317300786
ENSG00000132938	MTUS2	0	0	1,575806241	0,21							

ENSG00000188211	NCR3LG1	0,140829982	0,041649891	0	0,162121761	0	1,030820607	1,325253584	0	0,057734241	2,758410067	0,306490007
ENSG00000240303	ACAD10	0	0	0	0	0	0	2,757451189	0	2,757451189	0,306383465	
ENSG00000010319	SEMA3G	0	0,055473977	0	0,104144871	0,071665844	0	0,065941841	2,447788958	2,745015492	0,305001721	
ENSG00000243489	KRTAP10-11	0	0	0	2,742243064	0	0	0	0	2,742243064	0,304693674	
ENSG00000008056	SYN1	1,497747419	0	0	0	0	0,711108821	0	0,531102975	2,739959214	0,304439913	
ENSG00000197774	EME2	0,021871555	0	0	0,188837006	0	1,152657068	0,50849172	0,382613481	0,484185468	2,738656298	0,304295144
ENSG00000184898	RBM43	0	0	0	0,05550627	0,076391734	1,764633062	0,693943551	0,140580544	0	2,73105278	0,303450309
ENSG00000188848	BEND4	0,017074641	0	0,031410181	2,653576103	0	0	0,028354877	0	0	2,730415712	0,303379524
ENSG00000206561	COLQ	0	0,064225629	0	0	0	0,03973068	0	0	2,626334087	2,7303298776	0,303366531
ENSG00000147576	ADHFE1	0	0	0	0,463472424	0	0	2,265746078	0	0	2,729218502	0,3032465
ENSG00000177710	SLC35G5	0	0	0	1,975283684	0	0,7535681	0	0	0	2,728851784	0,303205754
ENSG00000078018	MAP2	0,052291918	2,134186695	0,14429281	0,045148365	0,093204657	0,258360618	0	0	0	2,727485063	0,303053896
ENSG00000185800	DMWD	2,093972125	0	0,195039536	0,137310108	0,062992026	0,029102013	0	0,173882425	0,032598934	2,724897166	0,302766352
ENSG00000236782	AL391650.1	0	1,034797878	0	0	0	0,160068091	0,363155809	0	1,165462995	2,723484774	0,302609419
ENSG00000132003	ZSWIM4	0	0	0	0,609014369	0,152394459	0,492838547	0,425954872	0,490779116	0,552058415	2,723039778	0,302559975
ENSG00000185942	NKAIN3	0	0	0	0	0	0	0,858210205	0,339023154	1,525416051	2,722649411	0,302516601
ENSG00000137103	TMEM8B	0,018631474	0,016530547	0	0,112603713	0,022139051	0,450037937	1,268549069	0,020370789	0,813458053	2,722320632	0,30248007
ENSG00000249860	MTRNR2L5	0	0,362844384	0,376157103	0,059275946	0	0,22450687	0	0,447137439	0,251483792	2,721405534	0,302378393
ENSG00000105971	CAV2	0	2,527334145	0	0,119003485	0,054593728	0	0,019074237	0	0	2,720005595	0,302222844
ENSG00000127954	STEAP4	0,537520927	0	0,049440658	0,232045331	0,063871506	0	0	0	1,83450102	2,717379442	0,301931049
ENSG00000198796	ALPK2	0,047394847	0	0,261559947	0,845685751	0	0,017345591	1,272412149	0	0,27201791	2,716416195	0,301824022
ENSG00000162461	SLC25A34	0,045269793	0	0	0,390855265	0,107584644	0	0	0	2,1713644	2,715074103	0,3016749
ENSG00000105278	ZFR2	0,076190204	0,270395294	0	0,043854618	0	0,223073044	0,379574114	1,721591864	0	2,714679138	0,301631015
ENSG00000105855	ITGB8	0,697924251	0,03538427	0	0,15494951	0,047389488	0,328405734	0,720237456	0,43604456	0,29429378	2,714629049	0,30162545
ENSG00000124772	CPNE5	1,43989629	0	0,866881806	0,406863266	0	0	0	0	0	2,713641362	0,301515707
ENSG00000127530	AC005255.1	0,025330747	1,887849133	0	0,196833021	0,030099534	0,02781168	0,536332825	0	0	2,70425694	0,300472993
ENSG00000100359	SGSM3	0,285114284	0,056214256	0	0,273516745	0	0,626077648	0,341952687	0,069273494	1,051961447	2,704110561	0,300456729
ENSG00000167549	CORO6	0	0,062055543	0	0	0	1,76623155	0,871120102	0	0	2,699407195	0,299934133
ENSG00000171246	NPTX1	0,021525722	0,038196866	0	0,111510673	0,20462538	0	2,323524667	0	0	2,699383308	0,299931479
ENSG00000036672	USP2	0,133637471	0	0,184377691	0	0,714582773	0,256770736	0,221924089	1,022791056	0,164356863	2,698440678	0,299826742
ENSG00000184860	SDR42E1	0,0126941	0,045050739	0,023351823	1,293276504	0	1,29617638	0,010540182	0	0,015612107	2,696701836	0,299633537
ENSG00000125775	SDCBP2	0	0	0	0	0	1,069241096	0,494154548	0	0	1,13118184	0,2993937498
ENSG00000132631	SCP2D1	0	0	0	0	0	0	0	0	2,693427859	2,693427859	0,299269762
ENSG00000132561	MATN2	0,02177072	0,038631609	0	0,225559696	0	0	2,404200282	0	0	2,690162307	0,298906923
ENSG00000122733	PHF24	0,025995281	0,046127989	0,095640839	0,044888177	0,061778349	2,368927897	0,043168874	0	0	2,686527407	0,298503045
ENSG00000189056	RELN	0	0,125848874	0,021744376	0,387810116	2,078746725	0,012977986	0,058887828	0	0	2,686015904	0,298446212
ENSG00000179058	C9orf50	0	0	0	0	0	0,094643797	0	0,094248308	2,491382358	2,680274463	0,297808274
ENSG00000110375	UPK2	0	0	0	0,464297108	0	2,21410912	0	0	0	2,678406228	0,297600692
ENSG00000185736	ADARB2	0,042900701	0	0,05261287	0	0,101954446	2,480729736	0	0	0	2,678197753	0,297577528
ENSG00000137501	SYTL2	0,080535035	0	0,024691784	0,046355476	0,031898876	0	0,278624827	0	2,212065552	2,674171549	0,297130172
ENSG00000184058	TBX1	1,899434547	0	0	0	0	0	0,771046733	0	0	2,67048128	0,296720142
ENSG00000149489	ROM1	0	0	0	0,104583156	0	0	2,564724221	0	0	2,669307377	0,296589709
ENSG00000145975	FAM217A	0	0,085449968	0,088585118	0,415766371	0	0	2,079176948	0	0	2,668978405	0,296553156
ENSG00000165821	TALL4	0	0,049812744	0	2,617593038	0	0	0	0	0	2,667403052	0,296378117
ENSG00000236699	ARHGGEF38	0,199354315	0,459874143	0	0,172120696	0,284261907	0,437758778	0,082764071	1,00263787	0,024518011	2,663289789	0,295921088
ENSG00000179431	FJX1	0	0,875565715	0	0	0,146578589	0	1,638796173	0	0	2,660904076	0,295660053
ENSG00000137674	MMP20	0	0	0	0	2,530977197	0	0	0,129379236	0	2,660356433	0,295595159
ENSG00000273045	C2orf15	0	0,127808389	0	0,870612403	0	1,660687374	0	0	0	2,659108166	0,295456463
ENSG00000040608	RTN4R	0	0	0	0,250417442	0,114880852	0	2,287846745	0	0	2,653145038	0,294793893
ENSG00000196542	SPTSSB	0,040349952	0,0716	0,148453991	0	0	2,392302041	0	0	0	2,652705984	0,294745109
ENSG00000183921	SDR42E2	0,057456491	0	1,488222289	0,273093188	0,126167739	0	0,706640769	0	0	2,651580475	0,294620053
ENSG00000137857	DUOX1	0,051608801	0,061052368	0,094938558	0,683231377	0,040883145	0	0,128555668	1,504711145	0,084629564	2,649610627	0,294401181
ENSG00000162591	MEGF6	0,703541067	0	0	0	0,039809061	0,03678319	0,013908694	1,854138899	2,648180911	2,648180911	0,294242323
ENSG00000184675	AMER1	0,053923125	0,031895087	0,099195943	0,869059033	0	0,019734813	1,567073256	0	0	2,640881258	0,293431251
ENSG00000182742	HOXB4	0,133937063	0	1,303371502	0	1,077341407	0,125344987	0	0	0	2,639994959	0,293332773
ENSG00000185567	AHNAK2	0,02412879	0,014271982	1,834656817	0,124995464	0	0	0	0,017587533	0,623181334	2,63882192	0,293202436
ENSG00000286070	GGT1	0	0	0	2,638205114	0	0	0	0	2,638205114	2,638205114	0,293133902
ENSG00000174898	CATSPERD	0	0	0,099956886	0	1,807855301	0	0,133550951	0,594093074	0	2,637256212	0,293028468
ENSG00000196275	GTIF2IRD2	0,017177512	0	0,410792462	0,800868968	0	0,132019329	0,299519947	0,300497504	0,676036002	2,636911724	0,292990192
ENSG00000133742	CA1	0,037146158	0	0	0	0	0	2,599288633	0	0	2,636434791	0,292937199
ENSG00000137766	UNC13C	0	0,018569391	0,019250699	0	0,074608908	1,29833069	1,164336876	0,045766561	0,012870258	2,633733382	0,292637042
ENSG00000177076	ACER2	0	0	0	0	0	2,632551524	0	0	0	2,632551524	0,292505725
ENSG00000204128	C2orf72	0	0	0	0	0	0	2,629027386	0	0	2,629027386	0,292114154
ENSG00000077092	RARB	0	0,072529619	1,052670107	0	0	0,044877083	0	0	1,457816918	2,627893727	0,291988192
ENSG00000096433	ITPR3	0	0,054334752	0,056328288	0,370120531	0,036384756	0	2,11024064	0	0	2,627408966	0,29193433
ENSG00000128268	MGAT3	0,026103052	0	0,315519921	0	0,401234768	0	1,88363115	0	0	2,626488892	0,291832099
ENSG00000201578	TNFRSF25	0	1,001697876	0	0,060923412	0,167694393	0	1,388704697	0	0	2,619020377	0,291002264
ENSG00000081479	LRP2	0,037522024	0,049936433	0,017256198	2,381118708	0,044585951	0,030897742	0,007788834	0,02051242	0,023073626	2,612691937	0,290299104
ENSG00000140465	CYP11A1	0	0	0	2,561991717	0	0,049363456	0	0	0	2,611355174	0,290150575
ENSG00000264522	OTUD7B	0,383121591	1,776355771	0,064022649	0,029370863	0,027138395	0	0,081074974	0,243194926	2,604279167	2,604279167	0,289364352
ENSG00000266074	BAHCC1	0	0,358239145	0,144426682	0,128238575	0	0,221657417	0,307319896	0,294308232	0	2,604189948	0,289354439
ENSG00000158106	RHPN1	0	0	2,432233272	0,171662305	0	0	0	0	0	2,603895677	0,289321731
ENSG00000165661	QSOX2	0,066715484	0	0	0	0	1,757992866	0,581650546	0,072943613	0,123077167	2,602379675	0,289153297
ENSG00000011677	GABRA3	0	0	0,066983156	0,628758975	0	1,904730341	0	0	0	2,600472473	0,288941386
ENSG00000147041	SYTL5	0	0,111262241	0	0,378951208	1,490114284	0	0	0,616994006	0	2,597321738	0,288591304
ENSG00000137225	CAPN11	0,042590352	0	0,0073544243	0	2,478371073	0	0	0	0	2,594505668	0,288278408
ENSG00000099617	EFNA2	0	0,331858911	1,032104328	0,64587865	0,444452404	0	0,136317891				

ENSG00000101082	SLA2	0	0	1,523456882	0,953361252	0	0	0	0	2,476818133	0,275202015
ENSG00000133710	SPINK5	0,137969021	0	0	0,119121194	2,049289787	0	0	0,169684111	2,476064113	0,275118235
ENSG00000128383	APOBEC3A	0	0	0	0	0,152232956	0	0	2,24118401	2,472198874	0,274688764
ENSG00000198203	SULT1C2	2,374877405	0	0	0	0	0,019753611	0,074693614	0	2,46932463	0,274369403
ENSG00000161040	FBXL13	0	0	0,970746168	1,497007836	0	0	0	0	2,467754004	0,274194889
ENSG00000163884	KLF15	0	0	0	0	0,127618174	0	2,273982563	0,06604354	2,467644277	0,274182697
ENSG00000181029	TRAPPC5	0,6386078	0,141649234	0	0,321631418	0,063236053	0,233718016	0,058185344	0,654504393	2,465032048	0,27389245
ENSG00000182508	LHFPL1	0,172697795	0	0	0	0,205210024	2,085732964	0	0	2,463640784	0,273737865
ENSG00000163357	DCST1	0	0	0	2,288186436	0	0	0	0,174613081	2,462799516	0,273644391
ENSG00000186976	EFCAB6	0,035318586	0,376031787	0	0	0,167870769	0	0,058651552	0	1,824366936	2,46223963
ENSG00000196411	EPHB4	0,02347531	0,124969085	0,215923644	0,851271472	0,055789582	1,108304303	0	0,051333629	0,028871605	2,45993863
ENSG00000091428	RAPGEF4	0,021208501	0	0	0,183112263	0,050402462	0,023285695	0	2,179708726	0	2,457717647
ENSG00000165566	AMER2	0	1,188370957	0,026212173	0,024604901	1,18520641	0,031289123	0	0	0	2,455683566
ENSG00000139445	FOXN4	0	0	0	0,147587655	0	0	2,306439926	0	0	2,454027582
ENSG00000174939	ASPHD1	0	0	0,120233607	0	2,329914851	0	0	0	0	2,450148458
ENSG000000279761	OR5D13	0	0	0	0	0	0	0	2,447663463	0	2,447663463
ENSG00000074855	ANO8	0	0,053574825	0,111080959	1,355506362	0	0,099446899	0,827276914	0	0	2,446885959
ENSG000000203795	FAM24A	0,253541226	0	0	2,1890516	0	0	0	0	0	2,442593026
ENSG00000135111	TBX3	0	0	0	0,350248288	0,060254621	0	0	0	2,026849656	2,437352565
ENSG000000285130	AL35811.13	0	0,707742254	0,031900402	1,077996223	0	0,26655536	0,331170259	0	0,021327349	2,436690087
ENSG00000118245	TNP1	0	0	0	0	0	0	2,435635633	0	0	2,436356333
ENSG00000185585	OLFML2A	0,044634639	1,306850687	0,164218047	0,34683426	0	0,277958201	0,292808655	0	2,433304489	2,430367165
ENSG000000242220	TCP10L	0,036447316	0	0	0	0	0,640272365	1,755253077	0	0	2,431972758
ENSG00000105889	STEAP1B	0	0	0	0,120840525	0,055436484	1,050066941	0	1,173200842	0,028688873	2,428233666
ENSG00000183773	AIFM3	0,055956516	0	2,161667128	0	0	0	0,209078502	0	0	2,426702145
ENSG00000153233	PTPRR	0,09000034	0,053234465	0,05187631	0,051803648	0,142591837	0	2,033645343	0	0	2,426463265
ENSG00000146926	ASB10	0	0	0,234088504	0	0	0	0	2,191032684	2,425121188	2,6945791
ENSG000000205571	SMN2	0,451675568	0	0	0	0	0,220405947	0,25002391	1,316909602	1,424182601	2,69353622
ENSG00000186115	CYP4F2	0	0	0,1076399222	1,347195739	0	0	0	0	0	2,42359496
ENSG000000285458	AC093827.5	1,876022303	0	0	0	0	0	0,100496862	0	2,423068699	2,69231855
ENSG00000136206	SPDYE1	1,254463402	0	0,865382529	0	0	0	0,043400322	0	0,257138045	2,420384299
ENSG000000258311	AC00979.73	0	0	0	0	0	0,094535941	2,323524667	0	0	2,418060608
ENSG00000102780	DGKH	0,015390393	0,013654937	0,127403417	0,624532454	0,329180413	0,067591007	1,233170753	0	2,410923374	2,67880375
ENSG000000273136	NBP726	0	1,516553179	0,192373175	0	0	0,146780221	0,037000983	0,04872229	0,465849437	2,407279284
ENSG00000111461	PIK3R3	0,020428629	0	0	0	0,097098159	0,515877148	1,340023824	0	0,427117869	2,40054563
ENSG00000103269	RHBDL1	0	0	0	0	0	2,397522268	0	0	0	2,397522268
ENSG00000146426	TIAM2	1,637948433	0,023251994	0,626732793	0,045254071	0,031140959	0	0,010880188	0	0,016115723	2,391324163
ENSG00000117020	AKT3	0	1,980996307	0	0	0	0,297675969	0,013242251	0	0,098072043	2,38998657
ENSG000000151789	ZNF385D	0,045107633	1,020540448	0	0,175254834	0	0,514990169	0,049318592	0,582504025	2,387715701	2,655301745
ENSG00000166268	MYRFL	0	0,228270715	0,473291882	0,592360896	0,917156039	0,047080186	0,035604521	0,093766903	0	2,387531143
ENSG000000244843	POU5F2	0,017950887	0	0	0,154986324	0,046260673	2,108865729	0,05962002	0	0	2,384083633
ENSG00000196296	ATP2A1	0,032943224	2,221363855	0,060601722	0	0	0	0,027353462	0	0,040515919	2,382778183
ENSG000000275895	UZAF1L5	0,475660579	0	0,050000917	0,516284688	0	0,164134935	0	0,891540339	0,284143437	2,381764894
ENSG000000235387	SPAAR	0,104214187	0,092462759	0	2,069484281	0	0	0	0,113942954	0	2,380104181
ENSG000000284691	AC07311.14	0	0	0,240881583	0	0	0	0	0	0	2,378888509
ENSG00000006210	CX3CL1	0	0	0,046640956	2,276613872	0	0	0,1274104456	0,557582458	0	2,378888509
ENSG00000150672	DLG2	0,018087327	0,064191035	0	0,078082164	0	0,963153147	1,021243949	0	0,233573342	2,378330964
ENSG00000157578	LCA5L	0,025870668	0	0,047591183	0,044672997	0,061482202	2,101931634	0	0	0,095452759	2,377001443
ENSG00000133740	E2F5	0,025189293	0	0,046337739	1,087410296	0,0478903207	0	0,271897702	0	0,464693755	2,374431993
ENSG00000175564	UCP3	0	0	0	2,366862172	0	0	0	0	0	2,366862172
ENSG000000163975	MELTF	0,018002212	0,031944484	0	0,714975508	0	0,553430563	0,448428635	0	0,597790815	2,364572218
ENSG00000196329	GIMAP5	0,150333846	0	0	0,475921857	0	0,495173335	0,769756638	0,164368049	0,308152085	2,363705809
ENSG000000284505	LYNX1-SLURP2	0	0	0	0	0	0	1,126342559	2,362035223	0	2,362035223
ENSG00000162148	PPIP1R32	0	0	0	0	0,448896928	0,69129407	0	0,13768107	1,084104713	2,361976781
ENSG000000092758	COL9A3	0	1,550914274	0	0,700713627	0,074182512	0,034271964	0	0	2,360082378	2,622231375
ENSG00000125522	GOLGA8B	0	0,034959844	0,036242516	1,360808212	0	0,216311052	0,261737329	0,344651439	0,096921263	2,351631655
ENSG000000136367	ZFHXC2	0	0,235625659	0,027141193	0	0	0,92334533	0,257261958	0	0,90727652	2,35065066
ENSG00000164411	GJB7	0	0	0	0,095615601	0	2,249428852	0	0	0	2,345044453
ENSG00000114805	PLCH1	0,063199737	0,112146382	0	1,891623962	0,150195543	0,092519491	0,03498406	0	0	2,344669175
ENSG000000283787	PRR33	0	0	0,471711313	0	0	0,302429243	0	1,567852553	2,341993109	2,60221457
ENSG00000135451	TROAP	0	0	0,14060703	0,263970637	0	0	1,935682917	0	0	2,340260584
ENSG00000177570	SAMD12	0,009826412	0,017436728	0,018076479	0,050904209	0,023352682	0,021577653	2,105042636	0,021487487	0,072511324	2,34021561
ENSG00000139890	REM2	0	0	0	1,747332419	0	0	0,592537774	0	0	2,339857019
ENSG00000185634	SHC4	0,02313389	0,041050521	2,00016299	0,079894358	0	0,050799319	0,115251377	0	0,028451703	2,338744158
ENSG000000087494	FTHLH	0	0,079402428	0,082315694	1,699902115	0,31902654	0	0	0,097848554	0,055033024	2,333528356
ENSG00000105613	MAST1	2,197046865	0	0	0,079869903	0,054961362	0	0	0	0	2,33187813
ENSG00000171847	FAM90A1	0	0	0	0	0	0,849817769	1,334790766	0	0,14645116	2,331059695
ENSG000000258366	RTEL1	0	0	0,77696301	0,040517853	0	0,257625119	0,331210504	0	0,92346098	2,329777466
ENSG00000049323	LTBP1	0,143954	0,072983669	1,097090755	0,852264479	0	0,022579012	0	0,089938641	0,050584427	2,328934803
ENSG000000260851	AC01542.3	0	0,318080664	0	0	0	0,393619399	0	1,175923728	0,440917016	2,328540807
ENSG00000106819	ASPN	0,059822079	0,530764054	0	0	0,142186465	0	0,049671549	0	1,545042347	2,327468493
ENSG00000162630	B3GALT2	0	0	0	0	0	1,41890536	0	0	0,908229797	2,327135157
ENSG00000152208	GRID2	0,042698664	0,075767731	0	0,073731273	0,43972196	0,171895671	0	1,522901708	2,326717007	2,58524112
ENSG00000168255	POLR2J3	0	0,168114107	0	0	0,225152064	0,624115022	0,039332392	0,103584504	1,165181958	2,325480047
ENSG00000107014	RLN2	0	0,781755102	0	0,253581122	0	1,289878147	0	0	0	2,325214372
ENSG000000271810	AL603832.3	0	0	2,3207986	0	0	0	0	0	0	2,3207986
ENSG00000069431	ABCC9	0,01300883	0	0	0,157243872	2,071356348	0	0,032404528	0,028446502	0,015999184	2,318459264
ENSG00000136014	USP44	0,028129295	0	0	0	0	2,254555491	0	0,034595406	2,317280192	2,57475577
ENSG00000129354	AP1M2	0	0	2,260000805	0	0	0	0,056671333	0	0	2,316672138
ENSG000000230667	SETSP1	0,166238252	0,294985699	0,30580869	0,395068803	0	0,414093505	0,727028751	0	2,3032237	2,55913744
ENSG00000160201	UZAF1	0,122389771	0,217177646	0,025016208	0,493127652	0,032317993	0,731607115	0,316159944	0,029736732	0,33449698	2,302030041
ENSG000000204311	PJVK	0,039891914	0	0	0	0	1,620562655	0	0,637804855	2,298259424	2,555362158
ENSG00000109265	KIAA1211	0,022403346	0,079508377	0,08242553	2,011655846	0,053242037	0	0	0,048989558	0	2,298224694
ENSG00000182050	MAGT4C	0,027214381	0,028974751	0	0,169175865	2,017877629	0	0,004519336	0,035705929	0,013388072	2,296855962
ENSG000000236444	UBE2L5	0,277776784</									

ENSG00000129673	AANAT	0	0	0	0	0,327961226	0	1,432309726	0,301766728	0,169722851	2,231760532	0,247973392
ENSG00000197608	ZNF841	0	0	0	0,24346627	0,418844813	1,431931733	0,058535261	0,077078276	0	2,229856352	0,247761817
ENSG00000188368	PRR19	0	0	0	2,229347356	0	0	0	0	0	2,229347356	0,247705262
ENSG00000167578	RAB4B	0	0	1,342216488	0,331556512	0	0,252976737	0,15942863	0	0,141687311	2,227865677	0,247540631
ENSG00000143434	SEMA6C	0,026013181	0	0	2,201035248	0	0	0	0	0	2,227048429	0,247449825
ENSG00000170264	FAM161A	0,028739173	0	0,105736059	0,049626279	0,136598533	0,12621573	0,047725497	0	1,731928412	2,226569682	0,247396631
ENSG00000136110	CNMD	0,092365874	0	0	1,913948469	0,2195095	0	0	0	0	2,225823844	0,24731376
ENSG00000137098	SPAG8	0	0	0	0,766891917	0	0	0	1,456728439	0	2,223620355	0,247068928
ENSG00000186174	BCL9L	0	0,051221012	0,29205168	0,996886245	0	0,364464495	0,287611076	0,157800653	0,071001537	2,221036698	0,246781855
ENSG00000237693	IRGM	0	0	0	0	2,055714685	0	0	0	0,163669328	2,219384014	0,246598224
ENSG00000205476	CDC85C	1,260684103	0,015218048	0,110434773	0,088854134	0	0,62145846	0,121055371	0	0	2,217704888	0,246411654
ENSG00000160886	LY6K	0	0,794691035	0,068654013	1,35333032	0	0	0	0	0	2,216675368	0,246297263
ENSG00000006788	MYH13	0,02469127	0	0,045421585	0	2,053776795	0	0	0	0,091101236	2,214990885	0,246110098
ENSG00000184451	CCR10	0	1,535750287	0	0	0	0	0,253395306	0	0	2,214910822	0,246101202
ENSG00000166331	ALB	0,176170878	0	0	0	1,465358669	0	0,47540493	0,09630853	0	2,213243008	0,24591589
ENSG00000249242	TMEM150C	0,086422974	0,076677724	1,669311432	0	0	0,379549503	0	0	0	2,211961634	0,245773515
ENSG00000176049	JAKMIP2	0,032839416	0	0	1,984727613	0,156087164	0,036055759	0	0	0	2,209709952	0,245523328
ENSG00000177380	PPFIA3	0	0	0,044151858	0	0	1,976380758	0,15942863	0	0,02951819	2,209479436	0,245497715
ENSG00000121053	EPX	0,055575789	0,986178743	0	0,095967258	0	0,183056907	0	0,888563733	2,209342429	0,245482492	0,24520282
ENSG00000183762	KREMEN1	0,018943283	0	0	0,392530988	0,090038246	1,663889449	0	0,041423413	0	2,20682538	0,24520282
ENSG00000228049	POLR2J2	0	0,389552543	0,40384518	0	0	0	0	0,960100438	0,449991579	2,20348974	0,244832193
ENSG00000164687	FABP5	0,079364796	0	0,145997951	0	0	0	0,065898284	0	2,200284267	0,24447603	0,24447603
ENSG00000141665	FBXO15	0,024197049	0	0	0,417830224	0,057504811	1,620583696	0,020091326	0	0,059518502	2,199725607	0,244413956
ENSG00000120332	TNN	0	0,64251278	0,222028833	0	0,071708774	0	0	0	0	2,197987959	0,244220884
ENSG00000112293	GPLD1	0,062779631	0,111400914	0,076992134	0,469762453	1,293041975	0,045952244	0,034751511	0	0,102947804	2,197628665	0,244180963
ENSG00000170367	CST5	0,400292902	0	0	0	0,475652374	0	0	1,312985036	0	2,189930313	0,243214479
ENSG00000188624	IGFL3	0	0	0	0	0	0	0	0	2,186429674	2,186429674	0,24293663
ENSG00000157766	ACAN	0,013851918	0	0,025481721	0,071757716	0,032919382	0	2,024271559	0	0,017036073	2,185318369	0,242813152
ENSG00000182240	BACE2	0,031380038	0,08352466	0,028863057	0,054186476	0	1,016376703	0,573221328	0,377404241	0,0192967	2,184253202	0,2426948
ENSG00000104808	DHDH	0	0	0	0	0	2,183033904	0	0	0	2,183033904	0,242559323
ENSG00000108852	MPP2	1,903093546	0	0,170713101	0	0	0	0	0,108091124	0	2,181897771	0,242433086
ENSG00000070371	CLTCL1	0	0	0,055308416	0	0,392985771	0,01650523	1,697569156	0	0,018488512	2,180857085	0,242317454
ENSG00000121716	PILRB	0	0	0,045269774	0	0	0,863517922	0,870717085	0,401291113	0	2,180795893	0,242310655
ENSG00000188095	MESP2	0	0	1,229320504	0	0,39703432	0,550283836	0	0	0	2,17663866	0,24184874
ENSG00000197084	LCE1C	0	0	0	0	0	0	2,175786104	0	0	2,175786104	0,241754012
ENSG00000197757	HOXC6	0	0	0	0	0,207702454	0,959575342	0,036284075	0	0,967390804	2,170952675	0,241216964
ENSG00000146197	SCUBE3	0,019326074	0,068587287	0,213311241	0,667438226	0,780790155	0,403159094	0,016046852	0	0	2,168658929	0,240962103
ENSG00000186567	CEACAM19	0,087128909	0	1,068537763	0	0	0	1,012829895	0	0	2,168496567	0,240944063
ENSG00000099958	DERL3	0	0	0	0,34369728	0	0,480773536	0,396639616	0,261144284	0,685419208	2,167673924	0,240852658
ENSG00000078295	ADCY2	0,017232361	0	0,01585016	0,119026103	0,040953078	0,860866569	0,050079389	0,056523319	1,006695154	2,167225125	0,240802792
ENSG00000161055	SCGB3A1	0	0	0	0	0	0	0,46875591	1,234500252	0,462880504	2,166136666	0,240681852
ENSG00000162944	RFTN2	0	0	0	0,043438484	0,17934953	0	0,055008252	1,887237866	2,165034131	2,165034131	0,240559348
ENSG00000257949	TEN1	0	0,417992206	0	0	0	0	1,738237153	2,156229359	0	2,156229359	0,23958104
ENSG00000180616	SSTR2	0,153919603	0	0	1,727606147	0	0	0	0,084144275	0,18930127	2,154971296	0,239441255
ENSG000000085831	TTC39A	0,080704214	1,804416365	0,029692384	0,167230276	0	0	0	0,070590593	0	2,152633833	0,239181537
ENSG00000131459	GFPT2	0,03200817	0,056797712	0,176644842	1,658133709	0	0	0,186039467	0	0,039365923	2,148998922	0,238776647
ENSG00000168772	CXXC4	0	0	1,288933998	0	0,061672255	0,05698457	0	0,737703826	0	2,14529465	0,238366072
ENSG00000204186	ZDBF2	0,013862083	0,147587561	0	0,19149434	0	0	1,761027502	0,030312317	0	2,144283803	0,238253756
ENSG00000197467	COL13A1	0,025664159	0	0,047211294	0,132949206	0,243965722	0,591732695	0,660594479	0	0,441890508	2,144008063	0,238223118
ENSG00000171401	KRT13	0	0,09205012	0	0	0	2,050388178	0	0	0	2,142438298	0,2380487
ENSG000000006638	TBXA2R	0	0	1,393383955	0,747396991	0	0	0	0	0	2,140780946	0,23786455
ENSG00000164099	PRSS12	0,02639486	0,187348122	0	0,091156323	0,188183865	0,956340442	0	0,681707767	2,131131379	2,131131379	0,236792375
ENSG00000159625	DRC7	0	0	0	0	0	2,061401069	0	0	0	2,131119094	0,23679101
ENSG00000170421	KRT8	0,065881661	0,506590031	0,040398212	0,95948167	0	0,313448263	0,218811798	0	0	2,131078133	0,236786459
ENSG00000092445	TYRO3	0,098214856	0,074691365	0	1,623272358	0,081083211	0,030809764	0	0,061362037	0,241583323	2,129933602	0,236659289
ENSG00000235710	AL109810.2	0	0	2,129291336	0	0	0	0	0	0	2,129291336	0,236587926
ENSG00000127074	RGS13	0,025512506	0	0	0,044054529	0,121262044	0	0,021183578	0	1,914002677	2,126015334	0,236223926
ENSG00000286169	AHRR	0	0,045641192	0	1,510091768	0	0	0	0,569402111	2,12513507	2,12513507	0,236126119
ENSG00000180815	MAP3K15	0	0,336801364	1,0474757	0,42139149	0,257755279	0	0,059292045	0	2,122715878	2,122715878	0,23585732
ENSG00000116396	KCNK4	0,048274282	0,653169156	0,011100555	0,093779042	0,014340609	0,265011703	0,005010396	0	1,03157362	2,122259363	0,235806596
ENSG00000165409	TSNR	0	0,0541209	0	0,078999387	0	0,016743423	1,747391847	0,056265977	2,120256103	2,120256103	0,235584011
ENSG00000142609	CFAP74	0	0	2,053028969	0,034457642	0	0	0,031705485	0	2,119192096	2,119192096	0,235465788
ENSG00000234719	NIPFB2	0	0	0	0	0	0	0	2,118882747	2,118882747	2,118882747	0,235431416
ENSG00000188649	CC2D2B	0,069807778	0,289035109	0,385251138	1,245608902	0	0	0,077283851	0,050883056	2,117869835	2,117869835	0,235318871
ENSG00000232196	MTRNR2L4	0	0,304360954	0,473291882	0,148090224	0,203812453	0,094160373	0,142418084	0,750135227	2,116269197	2,116269197	0,235141022
ENSG00000189127	ANKRD34B	0,039599206	0	0,068937186	0	0	2,005684028	0	0	2,113662421	2,113662421	0,23485138
ENSG00000165805	C12orf50	0	0,047805669	0	0,046520766	0,192075705	0	1,826256301	0	2,112658441	2,112658441	0,234739827
ENSG00000105519	CAPS	0	0,060542335	0,062763626	0,176745298	0,081083211	0,824121176	0,113317076	0,373035186	0,41961283	2,111220736	0,234580082
ENSG00000129646	QRICH2	0,026166333	0	0	1,897708906	0,186545667	0	0	0	2,110429806	2,110429806	0,234492201
ENSG00000164304	CAGE1	0	0	0,2972771	0,10228355	1,701162279	0	0	0	2,100722929	2,100722929	0,233413659
ENSG00000243710	CFAP57	0,026216268	0	0,048226943	0	0	2,024417223	0	0	2,098860435	2,098860435	0,233206715
ENSG00000231967	ZNF726	0	1,236463349	0	0,165962776	0	0,501240413	0,01995076	0,052541671	0,11820418	2,094363149	0,232707017
ENSG00000122477	LRRC39	0	0	2,09427498	0	0	0	0	0	2,09427498	2,09427498	0,23269722
ENSG00000135414	GDF11	0	0,495584152	0	0,452122516	0	0,402462991	0,681195056	0,038169639	0,021467774	2,091002128	0,23233357
ENSG00000001916	CYP24A1	0,11367395	0,067237212	0,278816549	0,392580203	0,900495342	0,124807355	0	0,165714427	0,046601435	2,089926471	0,232214052
ENSG00000180938	ZNF572	0	0,081800488	0	1,671639557	0,109553857	0	0	0,226780381	2,089774283	2,089774283	0,232197143
ENSG00000147647	DPVS	0,039630362	0	0	0,205289857	1,087795546	0,7568365					

ENSG00000128594	LRRC4	0	0,243599364	0	0,770418957	0	0,376812575	0,598427657	0	0,042209067	2,03146762	0,225718624
ENSG00000129757	CDKN1C	0	0,757463277	0	0	0,144922333	0,066953421	0,91140677	0	0,149997193	2,030742994	0,22563811
ENSG00000129749	CHRNA10	0	0	0,102841324	0	0	0,859322262	1,067635085	0	0	2,029798671	0,225533186
ENSG00000141854	MISP3	0	0	0	1,55186476	0	0,422881674	0,053300906	0	0	2,028047339	0,225338593
ENSG00000124678	TCP11	0,147713168	0	0,090576767	1,78547881	0	0	0	0	0	2,023768745	0,224863194
ENSG00000269858	EGLN2	0,022986092	0,081576514	0,295993412	0,754147325	0,218507784	0,176661703	0,209944273	0,150791558	0,113079721	2,023688383	0,224854265
ENSG00000169627	BOLA2B	0,332111144	0	0	0	0	0,24309242	0,827276914	0,484153212	0,136151298	2,022784499	0,224753888
ENSG00000072657	TRHDE	0,050580944	0	0	0,087342251	0,030051677	0,01388373	1,66943789	0	0,171072113	2,022368605	0,224707623
ENSG00000197483	ZNFB28	0	0,526358385	0,155905832	0,219519048	0,100705985	0	0	1,019287785	0	2,021777035	0,224641893
ENSG00000062370	ZNFI12	0	0,139366944	0	0	0	0,215580271	0,032606635	0,085871769	1,545501225	2,018926844	0,224325205
ENSG00000138675	FGF5	0,100773972	0	1,853818599	0	0	0	0,062756085	0	0	2,017348656	0,224149851
ENSG00000243696	AC006254.1	0,071571158	0	0	0	0	0	1,386631392	0	0,557480885	2,015683435	0,223964826
ENSG00000148225	WDR31	0	0	0	0,158687396	0	0	1,856747261	0	0	2,015434656	0,223937184
ENSG00000173567	ADGRF3	0	0	0,048252057	0,226466737	0	0	0	0,057357155	0	2,009071971	0,223231019
ENSG00000186265	BTLA	0	0	0	1,80702891	0,198957087	0	0	0	0	2,005986597	0,222887333
ENSG00000117400	MPL	0	0	0	2,005377291	0	0	0	0	0	2,005377291	0,222819699
ENSG00000173258	ZNF483	0,026335059	0	0	0,409274097	0,062585839	1,358974748	0	0,115174126	0,032388728	2,004732598	0,222748066
ENSG00000270394	MTNRN2L13	0	0,371130796	0,577121313	0,180577837	0	0,114817008	0,173661359	0,457348882	0,12861351	2,003727076	0,222585634
ENSG00000198049	AVPR1B	0	0	1,098301458	0,618573626	0,283775221	0	0	0	0	2,000650305	0,222294478
ENSG00000115474	KCNJ13	0	0	0,18675183	0	1,80946024	0	0	0	0	1,99621207	0,221801341
ENSG00000182902	SLC25A18	1,533144661	0	0	0,110308592	0	0	0,212167122	0,139689101	0	1,995309476	0,221701053
ENSG00000170011	MYRIP	0	0	0	0	0	0	0	0	1,995284748	0,221698305	0,221698305
ENSG00000161405	IKZF3	0,059674428	0	0,987983371	0	0,177271963	0,049139276	0,718459794	0	0	1,992528832	0,221392092
ENSG00000134013	LOXL2	0,079434328	0	0,146125862	0	0,125851601	0,348857004	1,231179007	0,057899872	0	1,989347674	0,22103863
ENSG00000176204	LRRMT4	0,02793714	0	1,798392507	0,096463946	0,066380322	0	0	0	0	1,989168499	0,221018721
ENSG00000167419	LPO	0,211409162	0	0,043211581	0	0,27912136	1,392689436	0	0,057779115	0	1,984210653	0,22046785
ENSG00000187944	C2orf66	0	0	0	0	0	0,198814352	0	1,781852072	0	1,980666424	0,220074047
ENSG00000148677	ANKRD1	0	0	0,561859725	0,52740773	0,181464145	0	0	0,333940947	0,375637236	1,980309783	0,22003442
ENSG00000242715	CCDC169	0,017099759	0	1,667188553	0,295275517	0	0	0	0	0	1,97956383	0,219951537
ENSG000002015915	ATAD3C	0	0	0,279658047	0,52502007	0,180642627	0	0	0,946707736	0	1,978770563	0,219863396
ENSG00000172139	SLC9C1	0	0	1,915737374	0,062009262	0	0	0	0	0	1,977746636	0,219749626
ENSG00000142871	CNCN1	0	1,975667622	0	0	0	0	0	0	0	1,975667622	0,219518625
ENSG00000120210	INSL6	0	0	0	0,902889185	0	0	0	0	1,071779252	1,97468437	0,219407604
ENSG00000178409	BEND3	0,022095419	0	0	0,190769831	0	0,436670622	1,247548264	0,048316211	0,027174517	1,972574863	0,219174985
ENSG00000133063	CHIT1	0,039087059	0	0	0,092891242	0,085830614	0	0	0	1,754629608	1,972438523	0,219159836
ENSG00000120071	KANS1	0	0,202549666	0,058328108	0,010950312	0	0,222801563	0,205352426	0,873615248	0,387757885	1,971355208	0,219039468
ENSG00000149571	KIRREL3	0	0,040658378	0	1,118696728	0,054453001	1,610049569	0,019025069	0,100207602	0,028179912	1,97127026	0,219030029
ENSG00000182472	CAPN12	0,025328624	0	0,093188099	1,793217224	0	0,055618698	0	0	0	1,967352645	0,218594738
ENSG00000241978	AKAP2	0,019220373	0,03410608	0,282859424	0,132757555	0,685164479	0,189925616	0,367058972	0,042029327	0,212747227	1,965809052	0,218429895
ENSG00000186871	ERC6GL	0,034786043	0	0	0,060076204	0,330679137	0,496509553	1,039809381	0	0	1,961852017	0,217983557
ENSG000002015126	CBWD6	0,029079298	0,309603002	0,187228009	0,753204006	0	0,03192737	0,060362904	0	0,590102495	1,961507084	0,217945232
ENSG00000170279	C7orf33	0	0	0	0	0	0	1,958773613	0	0	1,958773613	0,217641513
ENSG00000158816	VWA5B1	0,023696185	0,084096597	0	0,040918139	0	0	0	0	1,806881666	1,955592587	0,217288065
ENSG00000126091	ST3GAL3	0,294849894	0,013768524	0,014273689	0,710118288	0,018439925	0,315208798	0,077311629	0,186638267	0,324456059	1,955065073	0,217229453
ENSG00000154839	SKA1	0	0	0	0	0	0,686526524	0,562453212	0	0,704935084	1,953914821	0,217101647
ENSG00000191144	PHLDB1	0,020876432	0	0,051205176	1,045422187	0,033075528	0,122245877	0,468021961	0,015216881	0,196844118	1,952908159	0,216989795
ENSG00000176256	HMG84	0	0	0,217087153	1,732094716	0	0	0	0	0	1,949181869	0,216575763
ENSG00000176029	C11orf16	0,173890185	0	0	1,100991454	0	0	0	0,673795415	0	1,948677054	0,216519673
ENSG00000106689	LHX2	0	0	0	1,880989004	0	0,066443963	0	0	0	1,947432967	0,216381441
ENSG00000213918	DNASE1	0,010949248	0,349725092	0	0,283604421	0,130105624	0,577038452	0,009091394	0,047885598	0,538646539	1,947046369	0,216338485
ENSG00000105507	CABP5	0	0,185196602	0	0	0	0	0	1,761143598	0	1,946340199	0,216260022
ENSG00000128833	MYOFC	0,015034382	0,160068849	0,221256575	0,493260822	1,000426941	0	0	0	0,055471054	1,945517723	0,216168636
ENSG00000151692	RNF144A	0,023427995	0,041572403	0,04309769	1,618201393	0,167031415	0	0	0,051230166	0	1,944561062	0,21606234
ENSG00000168672	LRATD2	0	0	0,048479264	0,091013245	1,628366952	0,115738107	0	0,057627235	0	1,941224804	0,215691645
ENSG00000143614	GATAD2B	0	0	0,030071408	0,564549923	0,038848717	0,574333455	0,271463289	0,178729212	0,281463794	1,939459798	0,215495533
ENSG00000126460	PRRG2	0	0	0	0	0	0	0,516642544	0	1,4221179288	1,937821831	0,215313537
ENSG00000256407	AL357673.1	0	0	0	0	0	0	1,936662513	0	0	1,936662513	0,215184724
ENSG00000128602	SMO	0	0,058932308	0	0,057348346	0	0	1,820009211	0	0	1,936289865	0,215143318
ENSG000000054179	ENTPD2	0,057238853	0	0	1,877941105	0	0	0	0	0	1,935179958	0,215019995
ENSG00000164220	F2RL2	1,241518773	0,078680164	0	0,382827134	0	0,194730724	0,036816412	0	0	1,934573207	0,214952579
ENSG00000162992	NEUROD1	0,045625172	0	0,251793568	0,383923573	0,542146048	0	0	0,698382238	0	1,931870599	0,214652289
ENSG000000088808	PPP1R13B	0,047281155	0,083899249	0,028992501	0,105442949	0,037454896	0,571031397	0,06543092	0,344633466	0,697796704	1,930949778	0,214549975
ENSG00000151322	NPAS3	0,049056564	0,08704967	0,120324683	0,12254664	0,194306646	0,700196136	0,529525262	0,035757447	0,100555417	1,929718465	0,214413163
ENSG00000108797	CNTNAP1	0	0,042521725	0,132245528	0,496546098	0,056948548	0	0,139278833	0	1,06096968	1,928510412	0,214278935
ENSG00000183324	REC114	0	0	0	0	0,390345155	0	1,262363084	0,272761591	0	1,92546983	0,213941092
ENSG00000253457	SMN18	0	0	0	0	0	0,173728353	0	0	1,751433194	1,925161547	0,213906839
ENSG00000072201	LNX1	0	0,046837031	0	0,045578162	0	0,144900067	0,986229684	0,634896112	0,064924549	1,923365604	0,213707289
ENSG00000140534	TICRR	0,035970143	0	0,279506638	0,042741912	0,109746558	1,269338041	0,275296593	0	1,922599884	1,922599884	0,213622209
ENSG00000147724	FAM135B	0,010744495	0,057197526	0	0,129873779	1,506536903	0,129765098	0,017842766	0,070485189	0	1,922445755	0,213605084
ENSG00000164161	HHIP	0	0,04491867	0,069850096	0,961649961	0	0	0	0,581215003	0,264627764	1,922261494	0,21358461
ENSG00000260456	C16orf95	0,041174542	0	0	0,284397792	0	0,813730349	0,376069115	0	0,405115035	1,920486834	0,213387426
ENSG00000101197	BIRC7	0,097490691	0	0	0	0	1,81966439	0	0	0	1,91715508	0,213017231
ENSG00000100146	SOX10	0	0	0,067915978	1,848794103	0	0	0	0	0	1,916710081	0,212967787
ENSG00000188386	PPP3R2	0	0	0	0	1,050665718	0	0,036708699	0,773398637	0,054372885	1,915145939	0,212793993
ENSG00000183474	GTF2H2C	0,230197739	0,119321834	0,373350944	0,051383251	0,189910518	0,269288164	0,520071576	0,159547737	0	1,913071764	0,212563529
ENSG00000207106	TSNAX-DISC1	1,912113145	0	0	0	0	0	0	0	0	1,912113145	0,212457016
ENSG00000203780	FANK1	0	0	0	0	1,91208998	0	0	0	0	1,91208998	

ENSG00000169688	MT1B	0	0	0	0,663956678	0	0	0,319262931	0,840800426	0	1,824020036	0,202668893
ENSG00000165449	SLC16A9	0,13647376	0	0,75316351	0	0,486499267	0	0	0,447642223	0	1,82377876	0,202642084
ENSG00000166265	CYR1	0,046639065	0	0,085796327	1,691245206	0	0	0	0	0	1,823680598	0,202631178
ENSG00000178342	KCNQ2	0	0	0	0	0	1,765006135	0,058034381	0	0	1,823040516	0,202560057
ENSG00000197309	OR10D3	0	0	1,752615756	0	0	0	0,068788559	0	0	1,821404315	0,202378257
ENSG00000007312	FERMT2	0	0,031684036	0,03284652	0,154162221	0	0,07841691	0	1,522739942	0	1,819849629	0,202205514
ENSG000000047662	FAM184B	0	0	0	0	1,789622304	0	0	0	0,028065014	1,817687318	0,201965258
ENSG00000142949	PTPRF	0,042319988	0,050063854	0,051900691	1,461547655	0,134099157	0	0,023462126	0	0,05204813	1,8154056	0,201711733
ENSG00000180190	TDRP	0	0,148431774	0	0,072221139	0	0	0	0	1,594586823	1,815239736	0,201693304
ENSG000000073605	GSDMB	0,102361098	0	0	1,590797474	0,121631682	0	0	0	0	1,814790255	0,201643362
ENSG000000261701	HPR	0,863937774	0	0	0,949347621	0	0	0	0	0	1,813285395	0,201476155
ENSG000000181418	DDN	0	0	0	1,77832486	0	0	0,032888685	0	0	1,811213544	0,201245949
ENSG00000116675	DNAJC6	0,108587648	0,038537223	0,119853449	1,425054475	0	0,023844578	0	0,094979755	0	1,810857128	0,201206348
ENSG00000125845	BMP2	0,042626395	0	0	0,073606481	1,31693316	0	0,374410328	0	0	1,807576364	0,200841818
ENSG00000119737	GPR75	0,42868247	0	0	0,12337351	0	1,255115474	0	0	0	1,807171454	0,200796828
ENSG00000188674	C2orf80	0	0	0	0	0	0	1,802734655	0	0	1,802734655	0,200303851
ENSG000000283071	LBHD2	0	0,732628416	0	1,069405634	0	0	0	0	0	1,802034049	0,200226005
ENSG000000271698	AC233992.2	1,798935365	0	0	0	0	0	0	0	0	1,798935365	0,199881707
ENSG000000225556	C2CD4D	0	0	0	0	0	0	0	0	1,798173522	1,798173522	0,199797058
ENSG000000183682	BMP8A	0	0	0	0,138893705	0,063718514	1,177505867	0,022262302	0	0,39569877	1,798079158	0,199786573
ENSG000000204991	SPIRE2	0,170020645	0	0	0,032620949	0,044895305	0	0,015685752	0	1,533425487	1,796648138	0,199627571
ENSG000000177627	C12orf54	0,08704526	0	0,160126785	0,751540825	0	0	0,795030906	0	0	1,793743776	0,199304864
ENSG000000144724	PTPRG	0,051661734	0	0,019007186	0,089208538	0,049110091	0,907545035	0,609120928	0,06778145	0	1,793434962	0,199270551
ENSG000000080293	SCTR	0,220534983	0	0	0,990121036	0	0,581122861	0	0	0	1,79177888	0,199086542
ENSG00000170370	EMX2	0,092677443	0	0,085243821	0,320067433	0,880999797	0,050877208	0	0,303987643	0,056990654	1,790843998	0,198982666
ENSG00000105549	THEG	0	0	0	1,146966921	0	0	0,6434376	0	0	1,790404521	0,198933836
ENSG00000102383	ZDHHC15	0,04431395	0	0	1,721711709	0	0,024327064	0	0	0	1,790352724	0,19892808
ENSG00000127990	SGCE	0,072357101	0,141235491	0,026621346	1,461855585	0	0,007944387	0	0,080090917	0	1,790104827	0,198900536
ENSG00000175106	TV2P23C	0,19462263	0,049336155	0,102292585	0,240050575	0	0,18315795	0,69256853	0,121595057	0,205166354	1,788789835	0,198754426
ENSG00000164309	CMYA5	0,053133112	0,77312391	0	0,146798861	0	0	0	0,813305898	0	1,78636178	0,198484642
ENSG00000167968	DNASE1L2	1,308614787	0	0	0,475724657	0	0	0	0	0	1,784339444	0,198259938
ENSG00000130940	CAS21	0,013330149	0,023654023	0,024521886	0	0,253435104	0	0,586620289	0,029149133	0,852506983	1,782317566	0,198135285
ENSG00000114113	RBP2	0	0	0	0	0	0	0	0	1,759493702	1,759493702	0,1954993
ENSG00000163576	EFHB	0	0	0	0,062679552	0	0	0	0	1,696431327	1,750902679	0,195454742
ENSG00000185559	DLK1	0	0	0,052978864	1,292988248	0,410654708	0	0	0	0	1,756621821	0,195180202
ENSG00000122778	KIAA1549	0,049639437	0,043154744	0,35790469	0,083989692	0,115592675	1,001311117	0,010096591	0,079770154	0,014955059	1,755414158	0,195046018
ENSG00000188107	EYS	0,451472707	0	0,977082949	0,076430865	0,105189673	0,009719425	0,04410205	0,077430479	0,010887318	1,752315465	0,194701718
ENSG00000130413	STK33	0	0	0	1,75124144	0	0	0	0	0	1,75124144	0,194582382
ENSG00000179873	NLRP11	0,070088391	0	0	0,181541031	0	0	1,455996471	0,043099843	1,750725735	1,750725735	0,194525082
ENSG00000198734	F5	0	0,037460464	0,116504652	1,567505346	0	0	0	0,025963471	0	1,747434022	0,194159336
ENSG00000149516	MSA43	0	0,257581172	0	0,375986995	0	0	0	1,110971168	0	1,744539336	0,193837704
ENSG000000992295	TGM1	0	0	0	0,349310542	0	0	1,393226841	1,742537482	0	1,742537482	0,193615276
ENSG00000183914	DNAH2	0,008769692	0,046684812	0	0,424013655	1,187957746	0,00962861	0,014563326	0,038353499	0,010785591	1,740756931	0,193417437
ENSG00000171903	CYP4F11	0,037524353	0	1,656697883	0	0	0	0	0,046150117	0	1,740372354	0,193374706
ENSG00000156150	ALX3	0	1,739444112	0	0	0	0	0	0	0	1,739444112	0,193271568
ENSG000000284292	AC004922.1	0	0,099128281	0	1,639887086	0	0	0	0	0	1,739015367	0,19322393
ENSG00000146013	GFR3A3	1,596238423	0	0,139829024	0	0	0	0	0	0	1,736067446	0,192896383
ENSG00000103888	CEMP1	0,019828181	0,105553864	0,036475541	0	0,141366307	0,021770185	0,921970685	0	0,487722142	1,734686906	0,19274299
ENSG00000140511	HAPLN3	0	0	0,07888198	0	0	1,600726336	0	0	0,052737379	1,732345695	0,192482855
ENSG00000187134	AKR1C1	0,086201124	1,437840731	0	0	0,204858838	0	0	0	0	1,728906922	0,192100077
ENSG000000214534	ZNF705E	0,0077902963	0,080761214	1,516182304	0	0,048201795	0	0	0	0	1,723048277	0,191449809
ENSG00000164142	FAM160A1	0,051037937	0,045282783	0,023472102	0,484722574	0,181939142	0,056036672	0,550912544	0,139506277	0,188310248	1,721220278	0,191246698
ENSG000000165059	PRKACG	0,476689497	0	0	0	0,226572582	0,104675443	0	0,208476068	0,703519958	1,719333548	0,191103728
ENSG00000111796	KLRB1	0	0	0	0	0	1,718686913	0	0	0	1,718686913	0,190965213
ENSG000000269242	AC010422.3	0	0	0	0,311378251	0	0	1,182939979	0,221773893	1,716092123	1,716092123	0,190676903
ENSG00000038295	TL1	0	1,269002303	0,128777285	0,044308148	0	0	0,203846124	0,068789583	1,714723443	1,714723443	0,190524827
ENSG000000205359	SLC06A1	0,051189218	0	0	0,441963033	0,121652284	0	0	0,783550804	0,314780695	1,713136033	0,190348448
ENSG00000183977	PP2D1	0	0	0	0	1,709740386	0	0	0	0	1,709740386	0,189971154
ENSG00000155966	AFF2	0,032366965	0,019144795	0,119083292	0,614797527	0,051280529	0,011845679	0,053749964	0,802140175	0	1,704408926	0,18937877
ENSG00000196159	FAT4	0,045960998	1,402774622	0	0,047618768	0,065536385	0,010092498	0	0,120603893	0,011305221	1,703892385	0,189321376
ENSG00000112182	BACH2	0,015439928	0,10959109	0,255626943	0,399920774	0,36693322	0,050856415	0,051280405	0,168813001	0,284836807	1,703298583	0,189255398
ENSG00000115257	PCSK4	0	0	0	0	0	1,006314152	0,694851522	0	0	1,701165674	0,189018408
ENSG00000157087	ATP2B2	0,029253813	0,025955087	0	0,126287375	0	0,048178466	0	1,471299013	0	1,700973754	0,188997084
ENSG00000267385	AC011498.4	0	0	0,154176428	0,434168011	0	0	0,069589757	0,733077244	0,309228822	1,700240262	0,188915585
ENSG00000156414	TDRD9	0	0	0,050670816	0	1,44013597	0	0,205839043	0	0	1,696645829	0,188516203
ENSG00000179915	NRXN1	0,012425834	0,022049338	0,022858326	0,064370111	1,520808604	0,00682142	0,025793589	0,01358583	0,007641087	1,696354139	0,188483793
ENSG000000229937	PRPS1L1	0	0	0	1,695956195	0	0	0	0	0	1,695956195	0,188439577
ENSG00000182732	RGS6	0	0,928967591	0,217463198	0,408257671	0	0,037083276	0	0	0,103848079	1,695619815	0,188402202
ENSG00000151655	ITIH2	0	0,402494746	0	1,253365234	0	0	0,037667467	0	0	1,693527447	0,188169716
ENSG00000162490	DRAXIN	0,082069556	0	0,037743394	1,523449275	0,048760019	0	0	0	0	1,692022245	0,188002472
ENSG000000215262	KCNU1	0	0	0,070090797	0,263171936	1,358235788	0	0	0	0	1,691498521	0,18794428
ENSG00000154263	ABCA10	0	0,066146365	0	0	1,580886266	0	0	0	0,044222849	1,69125548	0,187917276
ENSG00000163751	CPA3	0	0	0	1,581424088	0	0	0	0,102394778	0	1,683818867	0,187090885
ENSG000000010379	SLC6A13	0	0	0	1,598941631	0,084637648	0	0	0	0	1,683579279	0,187064364
ENSG00000152954	NRSN1	0	0,065051431	1,61851586	0	0	0	0	0	0	1,683567292	0,187063032
ENSG00000114654	EFC1C	0	0	0	1,683451449	0	0	0	0	0	1,683451449	0,187050161
ENSG00000186967	KRTAP19-4	0	0	0	1,683451449	0	0	0	0	0	1,683451449	0,187050161
ENSG000000203923	SPANXN1	0	1,681141066	0	0	0	0	0	0	0	1,681141066	0,186793452
ENSG00000007062	PROM1	0,040653907	0,07213936	0	1,474208896	0,048307444	0	0	0,044449094	0	1,679758701	0,186639856
ENSG00000171234	UGT2B7	0	0	0	0,6							

ENSG00000147117	ZNF157	0,065190065	0	0	0	1,549256007	0	0	0	0	1,614446072	0,179382897
ENSG00000205177	C11orf91	0	0	0	0	1,612199966	0	0	0	0	1,612199966	0,17913333
ENSG000000083782	EPYC	0	0	0	0,144802983	0	0	0	1,466968113	0	1,611771096	0,179085677
ENSG00000178363	CALML3	0	0	1,609729129	0	0	0	0	0	0	1,609729129	0,178858792
ENSG000001065995	CACNB2	0,055286041	0,049051861	0,101703137	1,026269451	0,098541354	0,075876053	0,149191834	0	0,050996027	1,606915758	0,178546195
ENSG00000236320	SLFN14	0	0	0,192440359	1,354802568	0	0,057428375	0	0	0	1,604671303	0,178296811
ENSG00000114923	SLC4A3	0	0	0	0,105385692	0,145039395	0	0	0	1,351065186	1,601490274	0,177943364
ENSG00000135424	ITGA7	0,047422115	0	0,043618406	0,122831465	0,112699684	0,182233491	1,088831934	0	0	1,597637095	0,177515233
ENSG00000272899	ATP6V1FNB	0	0	0,143178006	1,411185801	0	0,042727421	0	0	0	1,597091229	0,177454581
ENSG00000178222	RNF212	0	0,267874126	0	0	0	0	1,328656862	0	0	1,596530988	0,177392332
ENSG000002043444	PALM2	0,015231385	0	0	1,209858767	0	0	0,333065787	0,03746528	1,59562122	0,177291247	
ENSG00000153157	SYCP2L	0	0	0	0,263437632	0	1,046886526	0,285015898	0	0	1,595340057	0,177260006
ENSG00000176920	FUT2	0	0	0	0	0	0	0	1,594541167	1,594541167	0,177171241	
ENSG00000108231	LGI1	0	0,048414192	0,050190503	1,224936235	0	0	0,268476222	0	0	1,592017151	0,176890795
ENSG00000186094	AGBL4	0,020137336	0,107199627	0,037044256	1,425684163	0	0	0	0	0	1,590065382	0,176673931
ENSG00000259305	ZHX1-C8orf76	0	0	0	0	0	0,500862118	0,946945902	0,140261526	1,588069546	0,176452172	
ENSG00000165917	RAPSN	0	0	0	0	0	0	1,585240463	0	0	1,585240463	0,176137829
ENSG00000168418	KCNKG4	0,069179263	0,040918968	0	1,473309028	0	0	0	0	0	1,58340726	0,17593414
ENSG00000198670	LPA	0,047082278	0	0,043305826	0	0	0	1,492849736	0	0	1,583237841	0,175915316
ENSG00000129990	SYT5	0	0	0	1,455774195	0,069087638	0,031918156	0,024138194	0	0	1,580918183	0,175657576
ENSG00000169246	NPIP83	0,064070626	0	0,766110088	0,16595398	0	0,070345803	0,159597624	0,354593746	1,580671867	0,175630207	
ENSG00000175600	SUGCT	0,317348066	0	0,0972979	0,913318077	0,251394849	0	0	0	1,579358892	0,175484321	
ENSG00000134489	HRH4	0	0	0,075867931	0	0,09801243	1,403719399	0	0	0	1,57759976	0,175288862
ENSG00000107105	ELAVL2	1,087760917	0,208670817	0	0	0,279468905	0	0	0	0	1,575900639	0,175100071
ENSG00000170465	KRT6C	0	0	1,239280277	0,089483873	0,246308328	0	0	0	0	1,575072478	0,175008053
ENSG00000160224	AIRE	0	0	0,118845703	1,450258516	0	0	0	0	0	1,569104219	0,174344913
ENSG00000018236	CNTN1	0	0,035790443	0	1,532453134	0	0	0	0	0	1,568243577	0,174249286
ENSG00000054793	ATP9A	0,036337759	0,032240231	0,902424272	0,596100098	0	0	0	0	0	1,56710236	0,174122484
ENSG00000111886	GABRR2	0	0	1,170111994	0,322078513	0,074399362	0	0	0	0	1,566589869	0,174065541
ENSG00000140832	BARVELD3	0,023442533	0	0	0	0	0,051477064	1,440397854	0,051261956	1,566579407	0,174064379	
ENSG00000185565	LSAMP	0,029381795	0	0,027025092	0,050735947	0,034913236	0	0	0,032124691	1,39122907	1,56540983	0,173934426
ENSG00000135740	SLC9A5	0	0,494726937	0	0,144428953	0	0,520383728	0,069448523	0,060965787	0,27431221	1,564266138	0,173807349
ENSG00000166762	CATSPER2	0,037343524	0	0,034348214	0	0,044373847	0,041001007	0,325574814	0	1,079301439	1,561942846	0,173549205
ENSG00000005884	ITGA3	1,504571517	0,028359529	0,026620585	0	0	0	0	0	0	1,55955163	0,173283514
ENSG00000139910	NOVA1	0,102418086	0,025962626	0,053830383	1,176853681	0,104313771	0	0	1,023809659	0,071977739	1,559165946	0,173240661
ENSG00000113073	SLC4A9	0	0,124507474	0	1,433314884	0	0	0	0	0	1,557822358	0,173091373
ENSG00000104237	RP1	0,028869115	0,068303382	0,672689535	0,697909249	0,068608077	0,021131068	0	0	0	1,557510424	0,173056714
ENSG00000112855	PTK7	0,050454281	0	0,154691207	1,219729431	0	0	0	0,110328737	0,020684087	1,555887742	0,172876416
ENSG00000170369	CST2	0	0	0	0	0	0,667200711	0	0,885883559	0	1,55308427	0,172564919
ENSG00000163492	CDC41	0,039132609	0,069439855	0,035993798	1,114962341	0,046499747	0	0,00812316	0,021392889	0,216576292	1,552120691	0,172457855
ENSG00000206181	ELOA2	0	0	0,182282032	1,368839211	0	0	0	0	0	1,551121243	0,172346805
ENSG00000164976	MYORG	0,023438897	0	0,043117745	1,214215796	0,111406093	0	0	0,153762014	0	1,545940545	0,171771712
ENSG00000113721	PDGFRB	0,021178777	0	0	0,511995746	0,855640956	0	0	0	0,15628299	1,545098468	0,171677608
ENSG00000137142	IGFBPL1	0,127126111	1,127910825	0	0	0,20141197	0	0,035185174	0	0,052116243	1,543750323	0,171527814
ENSG00000147174	GNCA	0	0,148103839	0	1,152985251	0,099176344	0	0	0,091255059	0,05132464	1,542845133	0,171427237
ENSG00000183145	RIPPLY3	0	0	0	1,314834961	0	0,07600118	0	0,151367186	0	1,542203328	0,171355925
ENSG00000173077	DEC1	0	0,161288421	0	0,824005183	0	0,249489589	0	0	0,3074153	1,542198493	0,171355388
ENSG00000153885	KCTD15	0	0,041975892	0,174063932	0,285933754	0	0	0,137490971	0	0,901885127	1,541349676	0,171261075
ENSG00000181378	CFAP65	0	0	0,052852952	0	1,468015431	0	0	0	0,017667699	1,538536082	0,170948454
ENSG00000120693	SMAD9	0	0	0,922876443	0,04559409	0	0	0,504249106	0	0,064947238	1,537666877	0,170851875
ENSG00000278259	MYO19	0	0	0	0,279395001	0	0,545633254	0,057577208	0	0,653838625	1,536444089	0,17071601
ENSG00000160439	RDH13	0	0,249376424	0,549367785	0,121336887	0	0,057862326	0,277137446	0	0,280865472	1,535946339	0,170667004
ENSG00000110400	NECTIN1	0	0	0	0	0	0,424486572	0,545732543	0,042271276	0,535532926	1,535532926	0,17061477
ENSG00000143450	OAZ3	0	0	0	0,112641906	0	0,680401674	0,460391894	0	0,280795523	1,534230996	0,170470111
ENSG00000179292	TMEM151A	0	0	0	0	0	0	1,532537546	0	0	1,532537546	0,17028195
ENSG00000073754	CD5L	0	0,108603483	0,225176265	0,528422387	0	0	0,669166803	0	1,531368938	1,531368938	0,170152104
ENSG00000173585	CNCR9	0	0	0,099031029	0	0	0	1,430370725	0	0	1,529401754	0,169933528
ENSG00000164638	SLC29A4	0	0	0	0,179614507	1,23599223	0	0	0,113727265	0	1,529334001	0,169926
ENSG000000091181	ILSRA	0,022895541	0	0,042118197	1,462817282	0	0	0	0	0	1,52783102	0,169759002
ENSG00000228486	C2orf92	0	0	0	0,481652007	0	0,561457112	0,405303334	0,050828268	0,028587375	1,527828095	0,169758677
ENSG00000137821	LRRRC49	0,151246693	0,080515064	0,055646101	0,914095097	0,071888208	0,016606003	0	0,231512559	0	1,521509724	0,169056636
ENSG00000169991	IIFO2	0	0,043395695	0	0,295605247	0	0,241656448	0,670095639	0	0,267385149	1,518138179	0,16888202
ENSG00000135373	EHF	0,034452934	0	0,126757911	0,832897776	0,409390723	0,037827309	0	0,075338479	0	1,516665132	0,168518348
ENSG00000183569	SERHL2	0	0,665364764	0	0,092497332	0	0	0,756113309	0	0	1,513975406	0,16821949
ENSG00000172867	KRT2	0	0	0,865644528	0,507853201	0,139788845	0	0	0	0	1,513286573	0,168142953
ENSG00000128165	ADM2	0,035232122	0	0	0,060838185	0	0,116048433	0	1,299929044	1,512047784	1,680005309	0,168005309
ENSG00000224916	APOC4-APOC2	0,082619229	0,293211591	0	0	0	0,997821948	0,137201019	0	0	1,510853788	0,167872643
ENSG00000178031	ADAMTSL1	0,011238329	0,099710695	0,020673814	0,213467553	1,121741542	0	0,018662849	0,024574934	0	1,510069716	0,167785524
ENSG00000162437	RAVER2	0	0,044174959	0,045795733	1,418592119	0	0	0	0	0	1,508562811	0,16761809
ENSG00000187516	HYPM	1,508089528	0	0	0	0	0	0	0	0	1,508089528	0,167565503
ENSG00000137078	SIT1	0,227747657	0	0	0	0	0	1,134622445	0	0,14005013	1,502420232	0,166935581
ENSG00000163359	COL6A3	0,038483821	0,013657719	0,807052699	0,013290632	0,182915266	0,380276878	0	0,066262194	0	1,50193921	0,166882134
ENSG00000004777	ARHGAP33	1,493868759	0	0	0	0	0	0	0	0	1,493868759	0,165985418
ENSG00000117114	ADGRL2	0	0	0	1,076853132	0,277883061	0,021396773	0	0,042614724	0,071903478	1,490651167	0,165627907
ENSG00000125462	C1orf61	0	0,021775378	0	1,250216299	0	0,18862661	0	0,026834056	0	1,487452342	0,165272482
ENSG00000154678	PDE1C	0	0	1,206772733	0,075518407	0	0,072025429	0	0,11954076	0,013446677	1,487304005	0,165256001
ENSG00000186197	EDARADD	0,227519052	0,134575659	0,139513224	0	0,270351977	0,208168854	0,283370888	0,08291959	0,139909553	1,486328797	0,165147644
ENSG00000114455	HHLA2	0	0	0,15328576	0,07194237	0	0	1,037802581	0	0	1,484816965	0,164979663
ENSG00000106927	AMBP	0	0	0	0,275102767	0	0,3498378	0,859838859	0	0	1,484779426	0,164975492
ENSG00000101680	LAMA1	0,019059163	0	0,017530434	1,316440561	0,022647256	0,083703387	0,023737844	0	0	1,483118645	0,164790961
ENSG0000												

ENSG00000143603	KCNN3	0	0,098588867	0,020441216	0,019187806	0,052815287	0	0,664303545	0	0,573979994	1,429316714	0,158812968
ENSG00000100320	RBFOX2	0	0,077252089	0	1,002343127	0	0	0,349432404	0	0	1,429027621	0,158780847
ENSG00000188130	MAPK12	0	0	0	1,344592462	0,038552608	0,017811119	0,026939416	0	0	1,427895605	0,158655067
ENSG00000165325	DEUP1	0,142995572	0,063435533	0	0,432111375	0	0,471002347	0	0,312689442	0	1,422236644	0,158026294
ENSG00000176555	OR4S1	0	0	0	0	0	0	0	0	1,421223946	0	1,421223946
ENSG00000162931	TRIM17	0,085060833	0	0	1,101611207	0	0,233479562	0	0	0	1,420151603	0,157794623
ENSG00000047936	ROS1	0	0	0	1,395018958	0	0	0	0	0,023656635	1,418675593	0,157630621
ENSG00000224109	CENPVL3	0,07769181	0	0	0	0	0	0	0	1,337712757	1,415404567	0,157267174
ENSG00000253537	PCDHGA7	0,055565571	0	0	0	0	0	0,060752816	1,298431301	1,414749688	0,15719441	0
ENSG00000204644	ZFP57	0	0,374325733	0	0	0	0	0	0	1,037765597	1,41209133	0,156899037
ENSG00000175874	CREG2	0,021406796	0	0,078759059	0,036964864	0	0,61108868	0,657657215	0	0	1,405876614	0,156208513
ENSG00000141527	CARD14	0,079456605	0,028198759	0,029233368	1,179956242	0	0,052343225	0	0,034749665	0	1,403937865	0,155930396
ENSG00000149651	SPINT4	0	0	0	0	1,4028029	0	0	0	0	1,4028029	0,155866989
ENSG00000214652	ZNFT27	0	0	0	0,153898464	0	1,232881143	0,01479952	0	0	1,401570127	0,155730014
ENSG00000145721	LIX1	0,075630916	0	0	0	0	0	0	1,323061331	0	1,398692248	0,15541025
ENSG00000197641	SERPINB13	0	0,059127233	0	0,057538032	0,079187992	0,036584471	0	1,165811043	0	1,39824877	0,155360974
ENSG00000173267	SNCG	0	0	0,026435898	0	0	0	1,191174038	0	0	1,397609936	0,155289993
ENSG00000257390	AC023055.1	0,119266433	0	0	0	0	0,261895149	0,346603127	0,521601527	0,146682338	1,396048574	0,155116508
ENSG00000122543	OCM	0	0	0	0	0	1,395882256	0	0	0	1,395882256	0,155098028
ENSG00000144119	C1QL2	0	0	0	0	0	1,39347466	0	0	0	1,39347466	0,154830518
ENSG00000146047	HIST1H2BA	0	0	0	0	1,391928459	0	0	0	0	1,391928459	0,154658718
ENSG00000160062	ZBTB8A	0,021352349	0	0,036870846	0,101488637	0,750196193	0,035458621	0	0,446430815	0	1,39179746	0,154644162
ENSG00000116106	EPHA4	0	0	0	1,174449184	0,095080101	0,087853099	0,033219574	0	0	1,390601958	0,154511329
ENSG00000185630	PBX1	0,028445681	0	0,06541016	1,031509147	0,084502222	0,046847544	0,041333349	0,031101188	0,061222912	1,390372203	0,1544858
ENSG00000132849	PATJ	0,0252061	0,044727606	0,139105971	1,066373124	0,029951421	0,013837413	0,041858326	0,02755918	0	1,388619141	0,154291016
ENSG00000078900	TP73	0,022330511	0	0,246472675	0,115679758	0,053068944	0,171623177	0,778743009	0	0	1,387918075	0,154213119
ENSG00000103034	NDRG4	1,300111679	0	0	0,027048303	0	0	0,026012301	0,034252573	0	1,387424854	0,154158317
ENSG00000130595	TNNT3	0,111233398	0,197380935	0	0	0	0,061063885	1,015954105	0	0	1,385632323	0,153959147
ENSG00000065534	MYLK	0,020450747	0,072578698	0,163023471	1,047647979	0	0,007484575	0,039621614	0	0,033535371	1,384342795	0,153815866
ENSG00000143631	FLG	0,011854599	0,021035695	0,043614984	0,040940609	0,112690843	0,013015657	0	1,140591588	0	1,383743974	0,15374933
ENSG00000236396	SLC35G4	0	0	0	1,026292919	0,353114594	0	0	0	0	1,379407513	0,153267501
ENSG00000212123	PRR22	0	0,450154449	0	0	0,200961132	0	0	0	0,727994211	1,379109792	0,153234421
ENSG00000185269	NUTUM	0	0	0	0	0	1,378321532	0	0	0	1,378321532	0,153146837
ENSG00000214456	PLIN5	0	0	0,433536822	0	0	0,052116441	0,892139019	0	0	1,377792282	0,153088031
ENSG00000273777	CEACAM20	0,068905869	0	0	1,308839362	0	0	0	0	0	1,377745231	0,153082803
ENSG00000178795	GDPD4	0	0	0	0	0,337939971	0	0,669070152	0,310948464	0,058295647	1,376254233	0,152917137
ENSG00000188909	BSX	0	0	0	0,943138462	0,432671738	0	0	0	0	1,3758102	0,1528678
ENSG00000141314	RHBDL3	0	0	0	0	1,374971447	0	0	0	0	1,374971447	0,152774605
ENSG00000112902	SEMA5A	0,073664562	0,130715957	0	0,551211354	0,029177571	0,026959795	0,5300989	0,030199305	1,372027443	1,372027443	0,152447494
ENSG00000134532	SOX5	0	0,975528579	0,106454801	0,199854456	0	0,01588421	0,024024956	0,031635669	0,01779287	1,371175541	0,152352838
ENSG00000137463	MGARP	0	0,438140523	0	0,639546506	0,293396685	0	0	0	0	1,371083714	0,152342635
ENSG00000198169	ZNFT51	0	1,116151041	0	0	0	0,03288614	0,074610703	0	0,147351058	1,370998942	0,152333216
ENSG00000116299	KIAA1324	0,065743124	0	0,060469893	0,17028604	0	0	0,705683887	0	0,323422271	1,370505215	0,152278357
ENSG00000127152	BCL11B	0,106316068	0	0,065192331	0,183584644	0	0,11672883	0,89747775	0	0	1,369299623	0,152144403
ENSG00000113361	CDH6	0	1,099030941	0	0,02234028	0	0,173166058	0	0	0,074679146	1,369216424	0,152135158
ENSG00000237649	KIFC1	0	0	0	0	0	1,368899148	0	0	0	1,368899148	0,152099905
ENSG00000101104	PABPC1L	0,212233948	0	0,055774498	0,104709059	0,216162245	0,033288639	0	0	0,745772561	1,367940949	0,151993439
ENSG00000137460	FHDC1	0	0	0,08432583	0,079155157	0	0	0	1,202856002	0	1,366336989	0,151815221
ENSG00000222046	DCC2B	0	0	0,743659976	0	0	0,621387928	0	0	0	1,365047904	0,151671989
ENSG00000130762	ARHGEF16	0,028382902	0	1,274288005	0	0	0	0,062065095	0	0	1,364736003	0,151637334
ENSG00000153563	CD8A	0	0,073787012	0	0	0	0	0,93222316	0,357987247	0	1,363997419	0,151555269
ENSG00000185758	CLDN24	0,227919413	0	0	0	0	0	1,135478118	0	0	1,36339753	0,151488614
ENSG00000182963	GJC1	0,05201144	0	0	0,5688119	0	0	0	0	0	1,363195126	0,151466125
ENSG00000277865	GOLGA6L22	0	0	1,36243006	0	0	0	0	0	0	1,36243006	0,151381118
ENSG00000124701	APOBEC2	0	0	0	0	0	0,43243417	0,763068917	0	0,161465267	1,356968355	0,150774262
ENSG00000164591	MYOZ3	0	0	0,950897704	0	0	0,020783557	0,383144272	0	0	1,354825534	0,15053617
ENSG00000116254	CHD5	0	0,026564494	0	0,129252514	1,174051803	0	0	0	0	1,354729189	0,150525465
ENSG00000162849	KIF26B	0,010490875	0,726016246	0	0,108692714	0	0,034555105	0,113240372	0	0,361267886	1,354263197	0,150473689
ENSG00000166741	NMNT	0	0	0	0	0	1,28952037	0	0,063667873	0	1,353188243	0,150354249
ENSG00000030304	MUSK	0	0,126303344	0,327343499	0	0,898714853	0	0	0	0	1,352361696	0,150262411
ENSG00000151632	AKR1C2	0,023388109	0,747029253	0	0,323089274	0	0	0,255714725	0	0	1,34922136	0,149913484
ENSG00000170965	PLAC1	0	0	0,145997951	0,411113704	0	0	0,790779403	0	0	1,347914394	0,149768266
ENSG00000160683	CXCR5	0	0	0	0	0	0,374431453	0,679595569	0,293596402	0	1,347623424	0,149735936
ENSG00000006740	ARHGAP44	0,016210102	0,604052993	0	0,111965233	0	0	0,511464559	0,099681679	0	1,343374565	0,149263841
ENSG00000181773	GPR3	0,070711545	0	0	0,488413616	0	0	0	0,782694759	0	1,34181992	0,149091102
ENSG00000151612	ZNFT27	0	0,124413409	0	0,105935786	0,041656135	0,115469604	0	0	0	1,340897009	0,148988557
ENSG00000101162	TUBB1	0	0	0,079513758	0,074638151	0,924501682	0	0,071779366	0,189035794	0	1,339468751	0,148829861
ENSG00000204290	BTNL2	1,338172628	0	0	0	0	0	0	0	0	1,338172628	0,148685848
ENSG00000186204	CYP4F12	0	0,100221267	1,090932924	0,146291333	0	0	0	0	0	1,337445525	0,148605058
ENSG00000110169	HPX	0,083233583	0,073847976	0,076557449	0,287452464	0,098903206	0	0	0	0,716566046	1,336560725	0,148506747
ENSG00000148346	LCN2	0	0	0	0	0	0	1,336463436	0	0	1,336463436	0,148495937
ENSG00000142173	COL6A2	0	0	0,103917794	1,170549419	0	0	0,061763471	0	0	1,336230683	0,148470076
ENSG00000164690	SHH	0,057741907	0	0,106220901	0,598246025	0,205837338	0,06339724	0,239721689	0,063132321	0	1,334297421	0,148255269
ENSG00000261949	GFY	0	0	1,333593225	0	0	0	0	0	0	1,333593225	0,148177025
ENSG00000150471	ADGRL3	0,032401666	0,019165321	0,09934247	0,018650202	0,667361597	0	0,49597069	0	0	1,332891945	0,148099105
ENSG00000081052	COL4A4	0,014997079	0	0,055176677	0,155380096	0	1,020886836	0,065588441	0,018444474	0	1,330473604	0,1478304
ENSG00000188716	DUPD1	0	0	0	0,787134162	0,541655418	0	0	0	0	1,32878958	0,147643287
ENSG00000129194	SOX15	0	0	0	0,677313367	0	0	0,651370964	0	0	1,328684331	0,147631592
ENSG00000172461	FUT9	0,01100667	0	0	0	0,052315178	0	1,251554921	0,013536785	0	1,328413554	0,147601506
ENSG00000074966	TXK	0	0	0,075284182	0,103611524	0,143604077	0,362003266	0	0	0	1,327941672	0,147549075
ENSG00000102230	PCYT1B	0	0	0,100082844	1,127351825	0	0	0	0,100367159	0	1,327801828	0,147533536
ENSG0000018												

ENSG00000169758	TMEM266	0	0	0,162119031	0,355082586	0	0,032253223	0,024391589	0,706605801	0	1,28045223	0,14227247
ENSG00000244486	SCARF2	0	0	0	0,07810086	0	0	1,20175116	0	0	1,27985202	0,14220578
ENSG00000185863	TMEM210	0,132669509	0	0	1,145456429	0	0	0	0	0	1,278125938	0,142013993
ENSG00000160870	CYP3A7	0	0	0,291766045	0,068468899	0,56539104	0,043534657	0	0,260116427	0,048765815	1,278042883	0,142004765
ENSG00000091879	ANGPT2	0,022304143	0	0,041030273	0,231086324	0	0,24488646	0,240754881	0,19509052	0,301743431	1,276896032	0,141877337
ENSG00000155749	FLACC1	0,057347465	0	0	0,099028556	0	0	1,047570134	0	0,070529989	1,274474145	0,141680238
ENSG00000152932	RAB3C	0,031412654	0,027870492	0	0	0,037326426	0,017244629	0,026082597	1,133389536	0	1,273326333	0,141480874
ENSG000000089101	CFAP61	0,020649162	0,073282864	0	0,10696979	0,098146363	0,158701016	0,137163522	0,677305071	0	1,27221779	0,141357532
ENSG00000121410	A1BG	0	0,069390938	0	0	0	1,201050106	0	0	0	1,270441044	0,141160116
ENSG00000125787	GNRH2	0	0	0	1,268213728	0	0	0	0	0	1,268213728	0,140912636
ENSG00000205683	DPF3	0	0,077846422	0	0,151508187	0	0,120417025	0	0	0,917222719	1,266999352	0,140777706
ENSG00000126890	CTAG2	0	0	0	0	0	0	1,263548157	0	0	1,263548157	0,14039424
ENSG00000142178	SIK1	0	0	0	0	0	0,220458245	0,476349021	0,564523749	0	1,261331015	0,140147891
ENSG00000169064	ZBBX	0,456527404	0	0,209954758	0,131387198	0,180824543	0	0	0	0,280734928	1,25942883	0,139936537
ENSG00000136574	GATA4	0	0	0,062565856	1,115859671	0,080827716	0	0	0	0	1,259253243	0,139917027
ENSG00000163701	IL17RE	0,355706458	0,229524503	0,059486432	0,614227417	0	0	0	0	0	1,25894481	0,139882757
ENSG00000184985	SORCS2	0,047842511	0,127343043	0	0	0	0	1,052703435	0	0,029420061	1,257309049	0,139701005
ENSG000000081059	TCF7	0,059887277	0	0	0,439502087	0	0,295887286	0,459962576	0	0	1,255239227	0,139471025
ENSG00000188771	PLET1	0	0,220693004	0	0,214761296	0	0,81931149	0	0	0	1,25476579	0,139418421
ENSG00000235961	PNMA6A	0	0	0	0,118123574	0	0	1,135992141	0	0	1,254115715	0,139346191
ENSG00000147481	SNTG1	0,028511428	0	0,026224538	0	0,033879013	0	0,011836824	1,153403679	0	1,253855482	0,139317276
ENSG00000179615	OR2AP1	0	0,173218346	0	0	0	0	0	1,080503036	0	1,253721383	0,139302376
ENSG00000129595	EPB41L4A	0	0	0	0,395402106	0,04186007	0	0,5111885024	0	0	1,252428622	0,139158736
ENSG00000165899	OTOGL	0,024614851	0	0	0,042504475	1,082207938	0,013512834	0	0,026912736	0,060546187	1,250299022	0,138922114
ENSG00000037280	FLT4	0	0,090875057	0,031403084	1,031713072	0,08113817	0	0,014174235	0	0	1,249303618	0,138811513
ENSG00000132535	DLG4	0,014646755	0	0,080831666	0,227625741	0	0,112568967	0,632398688	0	0,180136205	1,248208022	0,13868978
ENSG00000106125	MINDY4	0	0	1,102642341	0,097905546	0,045231891	0	0	0	0	1,245779778	0,138419975
ENSG00000113325	OGFOD2	0,065586185	0,116381076	0	0,113253027	0,233800483	0,144019598	0,245059242	0,286835562	0,040331277	1,245266641	0,138362939
ENSG00000151892	GFR1A	0,312276443	0	0	0,754926564	0,037106586	0	0	1,36571427	0	1,24088102	0,137875669
ENSG00000173918	C1QTNF1	0,0635586	0,169174763	0,058460589	0,329255488	0,151048388	0	0	0	0,469013305	1,240511134	0,13783457
ENSG00000166262	FAM227B	0	0,93537907	0	0,303412761	0	0	0	0	0	1,238791831	0,137643537
ENSG00000092054	MYH7	0,10028908	0	0	0,909181096	0,119169584	0	0	0,109651424	0	1,238291185	0,137587909
ENSG00000211452	DIO1	0	0	0	0	0	1,235968363	0	0	0	1,235968363	0,137329818
ENSG00000186862	PDZD7	0	0	0	0	0	0,050260702	0,98825466	0,050050677	0,028150034	1,235286948	0,137254105
ENSG00000240747	KRBOX1	0	0,091111791	0	0	0	0,845619657	0,298434361	0	0	1,235165809	0,137240645
ENSG00000129991	TNNI3	0	0	0	0	0	0	1,233729912	0	0	1,233729912	0,137081101
ENSG00000147036	LANCL3	0,029347557	0	0	0,050676826	0,069745104	0	0	0	1,082811355	1,232580842	0,136953427
ENSG00000183690	EFHC2	0	0,161094623	0,083502583	0,156764779	0	0	0,339210871	0,099259407	0,390785718	1,230617981	0,136735331
ENSG00000169432	SCN9A	0	0	0	0,816549298	0,052269492	0,024148254	0	0,33666283	0	1,229629873	0,136625541
ENSG00000184254	ALDH1A3	0,028324381	0,65339194	0	0,048910023	0	0,497576238	0	0	0	1,228202582	0,136468954
ENSG00000096966	DSP	0,045116611	1,067444268	0,027665217	0,051937694	0,035740201	0	0	0	0	1,227903991	0,136433777
ENSG00000241635	UGT1A1	0	0	1,226692292	0	0	0	0	0	0	1,226692292	0,136299144
ENSG00000116147	TNR	0,011799982	0,041877557	0,04341404	0,040751987	0,084128739	0,012955691	0,009797777	0,980518005	0	1,225243778	0,136138198
ENSG00000176842	IRX5	0	0	0	0	0	1,224647491	0	0	0	1,224647491	0,136071943
ENSG00000152779	SLC16A12	0	0,385182434	0,171134885	0,160641273	0,294781484	0,034046907	0	1,135618538	0,03813801	1,219543531	0,135504837
ENSG00000184545	DUSP8	0,182795045	0,108121774	0	0	0	0,234147991	0,227667941	0,466339107	0	1,219071859	0,135452429
ENSG00000172940	SLC22A13	0	0	0	1,218915464	0	0	0	0	0	1,218915464	0,135435052
ENSG00000082482	KCNK2	0	0	0	0,26694115	0,918459188	0	0,032089599	0	0	1,217489937	0,13527666
ENSG000000081923	ATPB81	0	0	0,152613546	0,158212919	0,185639566	0,56207925	0	0	0,15866237	1,217207651	0,135245295
ENSG00000172772	OR10W1	0,102866284	0	0	0,888138103	0	0	0,224938439	0	0	1,215942826	0,135104758
ENSG00000102271	KLHL4	0,24538904	0	0	0,127119994	0,058317236	0	0	0	0,784671903	1,215498173	0,135055353
ENSG00000197428	OR51D1	0,125126059	0	0	0	1,090337556	0	0	0	0	1,215436315	0,135051513
ENSG00000134571	MYBPC3	0	0	0	0,975457849	0,083905968	0,038764153	0,117261993	0	0	1,215389963	0,135043329
ENSG00000221996	OR52B4	0	0,477120997	0	0	0	0,738036373	0	0	0	1,215157337	0,135017486
ENSG00000161609	CDC4C155	0	0	0	0	0	0,029526709	1,18347172	0	0	1,212998429	0,134777603
ENSG00000187730	GABRD	0,054700659	0	0	0	0,194995951	0,960930037	0	0	0	1,210626647	0,134514072
ENSG00000145839	IL9	0	0	0,470355497	0	0	0	0,424603492	0	0,314461121	1,20942011	0,134380012
ENSG00000175868	CALCB	0,038372415	0	0	0	0	0,337045356	0,700951575	0,083909235	0,047193124	1,207471706	0,134163523
ENSG00000115657	ABCBC6	0	0	0	0,701842391	0	0,095625693	0,409797434	0	0	1,207265517	0,134140613
ENSG00000145681	HAPLN1	0,977569822	0,038548304	0	0	0,154881056	0	0,036075426	0	0	1,207074608	0,134119401
ENSG000000067177	PHKA1	0,047593881	0	0,043776394	1,109487294	0	0	0	0	0	1,200857568	0,133428619
ENSG00000163288	GABRB1	0,048124386	0	0	0	0	0,264188816	0,039958704	0,315701816	0,532681115	1,200654837	0,133406093
ENSG00000126583	PRKCG	0	0,31573977	0	0,384066786	0,105716085	0,390722583	0	0	0	1,196245225	0,132916136
ENSG00000134962	KLB	0	0,044675442	0	0,043474671	0	0,856919007	0,250857045	0	0	1,195926164	0,132880685
ENSG00000241186	TDG1F	0	0	0,111683447	0,104835265	0	0	0,531031848	0,448002866	0	1,195553426	0,13283927
ENSG00000142513	ACP4	0	0,206369784	0	0	0	0,985363485	0	0	0	1,191733268	0,132414808
ENSG00000282757	DUXB	0	0,497019463	0	0	0	0	0,348851711	0	0,344479189	1,190350362	0,132281151
ENSG00000171219	CDC42BPG	0,046274865	0,041056806	0	0,119859887	0	0	0,979786699	0	0	1,186978257	0,131886473
ENSG00000197959	DNM3	0,42682834	0	0,09814815	0,644909461	0	0	0	0,016404495	0	1,186290446	0,13181005
ENSG00000135374	ELF5	0,03362496	0	0	0	0,079910446	1,070629	0	0	0	1,184164405	0,131573823
ENSG00000174564	IL20RB	0	0,109759312	0	0	0	0,814951666	0,256795604	0	0	1,181506582	0,131278509
ENSG00000176893	OR51G2	0	0,161239928	0	0,1019890159	0	0	0	0	0	1,181130087	0,131236676
ENSG00000197576	HOXA4	0	0	0	0,896170491	0	0,284906543	0	0	0	1,181077034	0,131230782
ENSG00000139549	DHH	0,064535798	0	0	1,114392375	0	0	0	0	0	1,178928173	0,130992019
ENSG00000120256	LRP11	0,05347154	0	0,245913039	0	0,698919491	0	0,088797121	0,058463299	0,03288155	1,17844604	0,130938449
ENSG00000155833	CYLC2	0	0	0,244270737	0,114646298	0,473353527	0	0,055127562	0,290364295	0,177762419	1,177762419	0,130862491
ENSG00000179083	FAM133A	0,044694046	0,158616977	0	0,308707453	0,212432737	0,147214354	0	0,195465583	0,109935383	1,177066981	0,13078522
ENSG00000111339	ART4	0,086431213	0	0	0,09949856	0,410811297	0,03163214	0,071765681	0,440999423	0,035433081	1,176571398	0,130730155
ENSG00000149380	P4HA3	0,189361617	0	0,069669198	0,915561314	0	0	0	0	0	1,17459213	0,130510237
ENSG000002043716	NPIP85	0,105724537	0	0,361193532	0,052160914	0,179469037	0,082913831	0,188111442	0	0,20432901	1,173902304	0,130433589
ENSG0000011043												

ENSG00000180644	PRF1	0	0	0	0,207255738	0,142620152	0	0,69761106	0	0,073807197	1,121294147	0,124588239
ENSG00000162873	KLHDC8A	0	0	0	1,072041802	0	0,045442503	0	0	0	1,117484304	0,124164923
ENSG00000126861	OMG	0	0	0	0	0	0,196200676	0	0	0,920272068	1,116472743	0,124052527
ENSG00000185958	FAM186A	0,072859484	0	0	0,157265534	0,086576071	0	0,015124196	0	0,784068018	1,115893304	0,123988145
ENSG00000248485	PCP4L1	0	0	0	0,742347012	0,255417882	0,118001833	0	0	0	1,115766727	0,123974081
ENSG00000221947	XKR9	0	0	0	0	0,183927038	0	0,931789918	0	0	1,115716956	0,123968551
ENSG00000277535	AL772284.2	0	0	0,484708106	0	0	0,144647408	0	0	0,486085063	1,115440577	0,123937842
ENSG00000213088	ACKR1	0	0	0	1,115106729	0	0	0	0	0	1,115106729	0,123900748
ENSG00000102452	NALCN	0,049511983	0,117143731	0,091081291	0,199491571	0,509887293	0,036240842	0,013703619	0,036089402	0,060893356	1,114043087	0,123782565
ENSG00000253305	PCDHGB6	0	0	0,040987924	0	0	0	1,073028495	0	0	1,114016419	0,123779602
ENSG00000267673	FDX2	0,110219235	0	0	0,190324562	0	0	0	0	0,813332701	1,113876498	0,123764055
ENSG00000161082	CELF5	0,0249111073	0	0,274955588	0,645239799	0,059201705	0,054701806	0	0,054473222	0	1,113483193	0,123720355
ENSG00000119888	EPCAM	0,059988317	0	0,110353354	0,725107115	0,142563534	0	0	0	0,073777897	1,111790217	0,123532246
ENSG00000008517	IL32	0	0	0	0,081313485	0	0,051701644	0,977487784	0	0	1,110502914	0,123389213
ENSG00000260300	AC009119.2	0	0	1,110361594	0	0	0	0	0	0	1,110361594	0,12337351
ENSG00000196482	ESRRG	0,055392438	0,122865653	0,025474716	0,119563313	0,065820664	0,547358941	0,091987047	0,03028176	0,051094169	1,1098387	0,123315411
ENSG00000164542	KIAA0895	0	0,039854637	0,165267597	0,232700631	0	0	0,671363251	0	0	1,109186117	0,123242902
ENSG00000230561	CDCD192	0,079490042	0	0,411785862	0,377819613	0	0	0	0	0,097762505	1,107911153	0,123101239
ENSG00000241489	AC244197.3	0	0,24874026	0	0,080684902	0	0,290711173	0,142256612	0	0,344798743	1,107191691	0,123021299
ENSG00000129159	KCNC1	0	0,07439606	0	0,941154101	0,024909311	0,011507982	0,008702943	0,045839574	0	1,106509972	0,122945552
ENSG00000188828	GLRA4	0,055514537	0	0,306370425	0,191722979	0,263863	0	0,046094905	0,242788073	0	1,106353919	0,122928213
ENSG00000214324	C3orf56	0	0	0	0,899775774	0,206389392	0	0	0	0	1,106165167	0,122907241
ENSG00000254126	CD8B2	0	0	0	0	0	1,032906314	0,073231711	0	0	1,106138025	0,122904225
ENSG00000276076	CRYAA2	0	0,161531325	0	0,943138462	0	0	0	0	0	1,104669788	0,122741088
ENSG00000213213	CDCD183	0,050981974	0,180932524	0	0	0	0,279876142	0,042331421	0,111482648	0,438908791	1,104513499	0,122723722
ENSG00000134363	FST	0	0,19487064	0,909091893	0	0	0	0	0	0	1,103962533	0,122662504
ENSG00000113805	CNTN3	0,059154657	0	0	0	0,070291161	0,064948357	0	0	0,909407527	1,103801702	0,122644634
ENSG00000204219	TCEA3	0,042990205	0,228855192	0,079083954	0	0	0	0	0,752055915	0	1,102985266	0,122553918
ENSG00000166317	SYNPOZL	0,029606303	0	0,051123624	0,07036002	0,87766175	0	0	0	0,072823872	1,101575569	0,122397285
ENSG00000158423	RIBC1	0	0,089589709	0,092876745	0,087181749	0	0,831493034	0	0	0	1,101141238	0,122349026
ENSG00000138696	BMPR1B	0,023940204	0,127443916	0,484439336	0,20669754	0,056894414	0,026284946	0,039756125	0,104700433	0,029443365	1,099600281	0,122177809
ENSG00000089558	KCNH4	0	0	0	0	0	0,875979814	0	0	0	1,099505594	0,122167288
ENSG00000196242	OR2C3	0	0	0,751385859	0	0,211022178	0,136487723	0	0	0	1,09889576	0,122099529
ENSG00000280969	RPS4Y2	0,190796175	0	0	0	0,906862481	0	0	0	0	1,097658656	0,121962073
ENSG00000169418	NPR1	0,030515059	0	0,316157077	0,725196976	0	0,025337305	0	0	0	1,097206416	0,121911824
ENSG00000176428	VPS37D	0	0,993118519	0	0	0	0,102413936	0	0	0	1,095532455	0,121725828
ENSG00000127529	OR7C2	0	0,279314583	0	0,815421796	0	0	0	0	0	1,094736379	0,121637375
ENSG00000133488	SEC14L4	0	0	0	1,093858506	0	0	0	0	0	1,093858506	0,121539834
ENSG00000105737	GRIK5	0,090413185	0,05347866	0	0,052041279	0,071622964	0	0,825791974	0	0	1,093348062	0,121483118
ENSG00000155886	SLC24A2	0,19681347	0,049891525	0,077583059	0,145651674	0,167046954	0,030869956	0,035018234	0,338150548	0,051868971	1,092894391	0,12143271
ENSG00000164049	FBXW12	0,043322985	0	0,224428017	0,823664088	0	0	0	0	0	1,09141509	0,121268343
ENSG000000011347	SYT7	0,050767872	0	0,0466958	0	0,965207572	0,027870078	0	0	0	1,090541323	0,121171258
ENSG00000055955	ITH4	0	0	0	0,111107079	0	0,247258684	0,534257322	0	0,197835344	1,090458428	0,121162048
ENSG00000173947	PIFO	0,267858697	0	0	0,066076215	0	0,756239651	0	0	0	1,090174563	0,121130507
ENSG00000164362	TERT	0	0,032835848	0	1,020606159	0	0,036051842	0	0	0	1,089493848	0,121054872
ENSG00000115041	KCNIP3	0	0,034197424	0	0,96507005	0,045799967	0	0	0,042141891	0	1,087209332	0,120801037
ENSG00000102970	CCL17	0,243726727	0	0	0,841725725	0	0	0	0	0	1,085452451	0,120605828
ENSG00000184937	WT1	0,017868106	0	0,032869824	0,956483885	0	0	0	0,07814463	0	1,085366444	0,120596272
ENSG00000164627	KIF6	0	0,09035195	0,046833476	0,879235025	0,030251667	0	0,010569483	0,027835445	0	1,085077047	0,120564116
ENSG00000129946	SHC2	0	0	0	0,063165087	0	0	0,941559015	0,079989002	0	1,084713104	0,120523678
ENSG00000168925	CTRB1	0	0	0	0,119475721	0	0	0,057449786	0,907787273	0	1,08471278	0,120523642
ENSG00000198626	RYR2	0,016980624	0,0602634	0,046855843	0,718384861	0,04035482	0,037287465	0,042298123	0,111394955	0,010441989	1,08426208	0,120473564
ENSG00000165300	SLTRK5	0,042963722	0,012706345	0,158070473	0,383309682	0,255260538	0,039309713	0,029728079	0,109607258	0,05283984	1,08379565	0,120421739
ENSG00000167139	TBC1D21	0	0	0	0,20546061	0	0	0	0,878015066	0	1,083475676	0,120386186
ENSG00000181031	RPH3AL	0	0	0	0,301111906	0	0,218807223	0,082736783	0,326839335	0,153187044	1,082682292	0,120298032
ENSG00000188833	ENTPD8	0	0	1,078202076	0	0	0	0	0	0	1,078202076	0,119800231
ENSG00000178826	TMEM139	0	0	0	0	0	0	1,076578512	0	0	1,076578512	0,119619835
ENSG00000198785	GRIN3A	0	0	0,096380808	0,044215408	0	0	0,935729507	0	0	1,076325723	0,119591747
ENSG00000162409	PRKAA2	0	0,544189062	0,029692384	0,051690829	0	0	0	0	0	1,075572276	0,119508031
ENSG00000176231	OR10H4	0	0	0	0	0	0	0	1,074933531	0	1,074933531	0,119437059
ENSG00000270299	AL121758.1	0	0	0	0	0	0,611313842	0,462307782	0	0	1,073621624	0,119291292
ENSG00000117791	MAR2C	0,058186589	0	0,107038929	0,703328773	0,138281687	0,063885474	0	0	0	1,070721452	0,11896905
ENSG00000184347	SLIT3	0,031790443	0	0,038987391	0,237879009	0,075550675	0,663176919	0	0,02317213	0	1,070556567	0,11895073
ENSG00000118989	PPL	0	0	0,072212001	0,067784121	0,093289399	0,021549627	0,81484824	0	0	1,069683389	0,11885371
ENSG00000052850	ALX4	0,02626183	0	0	1,043014323	0	0	0	0	0	1,069276153	0,118808461
ENSG00000033122	LRRC7	0,030653304	0,743378322	0	0	0,07284824	0	0,025452093	0,134059599	0,062832687	1,069224245	0,118802694
ENSG00000187595	ZNF385C	0	0	0	0	0,207262914	0,861790221	0	0	0	1,069053135	0,118783862
ENSG00000164742	ADCY1	0,021639778	0,019199628	0	1,027597279	0	0	0	0	0	1,068436685	0,118715187
ENSG00000154380	ENAH	0,271203497	0	0,03695561	0,034689574	0,119355737	0	0,025020672	0	0,580615963	1,067841054	0,118649004
ENSG00000178882	RFLNA	0	0	0,438038866	0	0,113179181	0,261441186	0,079086248	0	0,175713699	1,06746018	0,118606687
ENSG00000196900	TEX43	0,30838892	0	0	0	0	0	0	0,758557234	0	1,066946153	0,118549573
ENSG00000175084	DES	0	0	0,225633197	0	0,437327267	0,134667676	0	0,268209876	0	1,065748017	0,118416446
ENSG00000095627	TDRD1	0	0	0,105776293	0	0	0	0,644539377	0	0,314340342	1,064656012	0,118295112
ENSG00000162032	SPSB3	0,09752215	0	0,252599201	0	0,898692548	0	0,321220865	0,213252383	0,179909508	1,064504107	0,118278234
ENSG00000156427	FGF18	0	0	0	0	0,898692548	0	0	0,165382666	0	1,064075215	0,118230579
ENSG00000102466	FGF14	0	0	0,02020351	1,04305717	0	0	0	0	0	1,06326068	0,118140076
ENSG00000163071	SPATA18	0	0	0	0,209796965	0,072184431	0	0,580063846	0,199257026	0	1,061302267	0,117922474
ENSG00000102098	SPRED3	0	0,045726808	0,094809038	0,222448894	0	0	0	0,697241386	0	1,060266126	0,117807347
ENSG00000231068	KRTAP21-3	0	1,059849803	0	0	0	0	0	0	0	1,059849803	0,117761089
ENSG00000284638	AC005551.1	0	0	0	1,058559735	0	0	0	0	0	1,058559735	0,117617748

ENSG00000172458	IL17D	0	0	0	0	0	0,947490519	0,075425508	0	0	1,022916027	0,113657336
ENSG00000169894	MUC3A	0,092819761	0	0,048785556	0,29766187	0,441176342	0,101910674	0,011010033	0,028995662	0	1,022359897	0,113595544
ENSG00000172379	ARNT2	0,058592699	0	0,754502014	0,033725601	0,046415606	0,021443787	0,016216923	0,042708358	0,048040978	1,021645965	0,113516218
ENSG00000142494	SLC47A1	0	0	0	0,045625979	0,188381295	0	0,548480206	0,173335146	0,064992664	1,020815291	0,113423921
ENSG00000004846	ABC85	0	0	0,420408489	0,169127131	0,155176641	0,035845431	0	0,178478215	0,060228969	1,019264876	0,113251653
ENSG000000042781	USH2A	0,022048135	0,013041292	0	0,964498715	0	0	0,018307037	0	0	1,017895179	0,113099464
ENSG000000156222	SLC28A1	0	0	0,161288134	0,227097454	0	0	0	0,57516896	0,05391544	1,017469988	0,113052221
ENSG00000186910	SERPINA11	1,016894823	0	0	0	0	0	0	0	0	1,016894823	0,112988314
ENSG000000197077	KIAA1671	0,036768799	0	0,016909794	0	0,218454615	0,010092498	0,259504306	0	0,474819267	1,016549279	0,11294992
ENSG00000107611	CUBN	0,034162149	0,080826526	0	0,196635248	0,081187086	0	0	0,622521793	0	1,015332801	0,112814756
ENSG000000205143	ARID3C	0	0	0	0,924645551	0	0	0,088922985	0	0	1,013568537	0,112618726
ENSG000000100678	SLC8A3	0,071582459	0,095265988	0	0,741643699	0,085058632	0,019648339	0	0	0	1,013199116	0,11257768
ENSG000000156049	GNA14	0	0	0,101600913	0	0	0,90959746	0	0	0	1,011198373	0,112355375
ENSG000000213658	LAT	0,068221477	0	0	0,942428802	0	0	0	0	0	1,010650279	0,112294475
ENSG000000101349	PAK5	0,0613149	0,054400893	0	0,211754899	0	0	0	0,268155462	0,414751825	1,010377978	0,11226422
ENSG000000154553	PDLIM3	0,082872968	0,205878469	0,121961215	0,372069175	0,078779761	0,054593806	0,072487566	0,020394614	1,009027574	1,012114175	
ENSG000000107593	PKD2L1	0	0	0	0,091620426	0	0,058255118	0,793000694	0	0,065255099	1,008131338	0,112014593
ENSG000000275793	RIMBP3	0	0,219608518	0	0	0	0,461995054	0	0,324751418	0	1,006354989	0,111817221
ENSG000000181867	FTMT	0	0,281661765	0	0	0,377224309	0	0	0,347095134	0	1,005981208	0,111775699
ENSG000000272305	AC096887.1	0	0	0,157943238	0	0	0,659871612	0	0,1877746913	0	1,005561763	0,111729085
ENSG000000203896	LIME1	0	0	0	0,511637205	0	0	0,492040518	0	0	1,003677723	0,111519747
ENSG000000143921	ABC68	0	0,026324563	0,027290408	0,102468083	0	0,781828753	0	0,064880143	0	1,002791951	0,111421328
ENSG000000188340	OR6N2	0	0	0,160914674	0,528667098	0,311824205	0	0	0	0	1,001405976	0,111267331
ENSG000000102387	TA7FL	0,222712705	0,098799558	0	0,096144058	0,132320391	0,244525537	0	0,205430938	0	0,999933188	0,111103688
ENSG000000240045	STRIT1	0	0	0	0,999750861	0	0	0	0	0	0,999750861	0,111083429
ENSG000000173114	LRRN3	0,350966487	0	0	0	0,092675495	0,214078163	0	0,341093747	0	0,998813892	0,110979321
ENSG000000233757	AC092835.1	0,065586185	0,931048611	0	0	0	0	0	0	0	0,996634797	0,1107372
ENSG000000184601	C14orf180	0,995458305	0	0	0	0	0	0	0	0	0,995458305	0,110606478
ENSG000000196553	CCDC196	0,053509409	0,189902266	0,295304638	0	0	0,058750204	0	0	0,39485805	0,992324567	0,110258285
ENSG000000135547	HEY2	0,056195824	0	0	0	0,934854145	0	0	0	0	0,991049969	0,110116663
ENSG000000154914	USP43	0,029722772	0	0	0,051324739	0	0	0	0,909929966	0	0,990977476	0,110108608
ENSG000000184908	CLCNKB	0,102831283	0	0	0,887835912	0	0	0	0	0	0,990667195	0,110074133
ENSG000000197721	CR1L	0,109183938	0,193744422	0	0	0	0	0,090657754	0,596883251	0	0,990469163	0,110052129
ENSG000000163632	C3orf49	0	0	0	0,990265558	0	0	0	0	0	0,990265558	0,110029506
ENSG000000169306	IL1RAPL1	0,082393986	0	0,151570392	0,426829293	0,097905546	0,090463782	0	0,09008576	0,050666991	0,98991575	0,109990639
ENSG000000185821	OR6C76	0	0,285561235	0	0	0	0	0	0,703800996	0	0,989362231	0,109929137
ENSG000000164270	HTR4	0	0,03806132	0	0,111114964	0,050974811	0,023550117	0	0,765017622	0	0,988718834	0,109857648
ENSG000000150551	LYPD1	0	0	0	0	0	0	0,98836497	0	0	0,98836497	0,10981833
ENSG000000184345	IQCF2	0	0	0	0,415501552	0,57184322	0	0	0	0	0,987344772	0,109704975
ENSG000000131482	G6PC	0	0	0	0,237501494	0,43582226	0	0,200506412	0,112770948	0	0,986601114	0,109622346
ENSG000000176547	OR4C3	0	0	0	0,986521643	0	0	0	0	0	0,986521643	0,109613516
ENSG000000148204	CRB2	0	0	0	0,986366261	0	0	0	0	0	0,986366261	0,109596251
ENSG000000177398	UMODL1	0,041525301	0	0,038194573	0,250967961	0	0	0,017239672	0	0,638384591	0,986312098	0,109590233
ENSG000000090975	PITPNM2	0	0,029269949	0	0,39876538	0	0,434655275	0,123265254	0	0	0,985953332	0,10955037
ENSG000000163331	DAPL1	0	0	0	0,984660282	0	0	0	0	0	0,984660282	0,109406698
ENSG000000205323	SARNP	0	0	0	0,077543826	0	0,049304778	0,857598109	0	0	0,984446712	0,109382968
ENSG000000139648	KRT71	0	0	0	0,691218476	0	0,292998811	0	0	0	0,984217287	0,109357476
ENSG000000180914	OXTR	0	0	0	0,982697069	0	0	0	0	0	0,982697069	0,109188563
ENSG000000166664	CHRFAM7A	0	0	0,121974594	0,572476908	0	0,024266576	0,018351665	0	0,244642197	0,981711939	0,109079104
ENSG00000011536	IL26	0	0	0	0,979118104	0	0	0	0	0	0,979118104	0,1087909
ENSG000000171711	DEFB4A	0	0	0	0	0	0	0	0	0	0,978139591	0,108682177
ENSG000000197702	PARVA	0	0,035116233	0,461481764	0,045366036	0	0,015850219	0,417426184	0	0	0,975240436	0,108360048
ENSG000000168952	TXBP6	0	0	0,129383897	0,845820417	0	0	0	0	0	0,975204314	0,108356035
ENSG000000172289	OR10V1	0,974906908	0	0	0	0	0	0	0	0	0,974906908	0,10832299
ENSG000000188112	C6orf132	0,066160495	0	0	0,076163157	0,104821232	0,726403576	0	0	0	0,97354846	0,108172051
ENSG000000174599	TRAM1L1	0,149392556	0	0,137409836	0	0,532551966	0	0,062021914	0	0,091866793	0,973243066	0,108138118
ENSG000000158578	ALAS2	0	0,125652296	0	0	0,673135037	0	0	0,174176684	0	0,972964018	0,108107113
ENSG000000206172	HBA1	0,180970743	0	0	0	0	0	0,791460042	0	0	0,972430785	0,108047865
ENSG000000164776	PHKG1	0,601816176	0	0,100644496	0,094473199	0,130020834	0	0,045427347	0	0	0,972382051	0,10804245
ENSG000000196092	PAX5	0,063160113	0,084057053	0,406658452	0,10906373	0,112576032	0	0,039332392	0,138112672	0,019419699	0,972380144	0,108042238
ENSG000000189013	KIR2DL4	0	0	0	0	0	0	0	0	0,970196462	0,970196462	0,107799607
ENSG000000122224	LY9	0,016572776	0	0	0	0	0,036391879	0,880686691	0,036239808	0	0,969891154	0,107785684
ENSG000000120729	MYOT	0,052233173	0	0	0	0	0,917583556	0	0	0	0,969816729	0,107757414
ENSG000000176717	CDC42EP5	0,969693502	0	0	0	0	0	0	0	0	0,969693502	0,107743722
ENSG000000248592	STIMATE-MUSTN1	0,024096726	0	0	0,124829361	0	0	0,820329072	0	0	0,969255116	0,107695018
ENSG000000283361	CFAP97D2	0	0,113957501	0	0,776262143	0	0	0	0,078982797	0	0,969202441	0,10768916
ENSG000000145020	AMT	0	0	0	0	0,124997404	0,317615096	0,524066824	0	0	0,966679324	0,107408814
ENSG000000104901	DKKL1	0	0	0	0,357200513	0,491605123	0,113559601	0	0	0	0,962365237	0,106929471
ENSG000000256029	AL590560.1	0	0	0	0	0	0,880759852	0	0,081588782	0	0,962348634	0,106927626
ENSG000000173698	ADGRG2	0	0	0,025690162	0,494993167	0	0	0,422925015	0,018297383	0	0,961905727	0,106878414
ENSG000000196131	VN1R2	0	0	0	0	0	0	0,452650092	0,509168554	0	0,961818647	0,106868739
ENSG000000196747	HIST1H2AI	0,30041863	0	0	0	0	0,659684202	0	0	0	0,960102831	0,106678092
ENSG000000105538	RASIP1	0,074807213	0,530974258	0	0,322939325	0	0	0,031057013	0	0	0,959777809	0,106641979
ENSG000000175505	CLCF1	0	0	0,568485783	0,39119558	0	0	0	0	0	0,959681363	0,106631263
ENSG000000125815	CST8	0	0	0	0	0	0	0,956745451	0	0	0,956745451	0,10630505
ENSG000000286219	AC242843.1	0	0,780404545	0	0	0	0	0	0,173915892	0	0,954320437	0,106035604
ENSG000000128422	KRT17	0	0	0,083365807	0,229468078	0	0,641381889	0	0	0,954215774	0,106023975	
ENSG000000092529	CAPN3	0	0,055651671	0	0	0	0,199291984	0	0,066153067	0,632510686	0,953607408	0,105956379
ENSG000000120952	PRAMEF2	0	0	0,953477374	0	0	0	0	0	0	0,953477374	0,10594193
ENSG000000178809	TRIM73	0	0,952673499	0	0	0	0	0	0	0	0,952673499	0,105852611
ENSG000000147614	ATP6V0D2	0,051398153	0	0	0	0	0	0,89914168	0	0	0,950539834	0,105615537
ENSG000000179397	CATSPERE	0	0	0,765550591	0,081046613	0	0,028316482	0,074573362	0	0,949487048	0,105498561	
ENSG000000207188	MTRNR2L11	0	0,172771907	0	0	0,320703434	0,242532858	0,212908871	0	0	0,948917071	0,105

ENSG00000186526	CYP4F8	0	0,038045119	0,709937824	0,148090224	0	0	0,01780226	0	0	0,913875427	0,101541714
ENSG00000206531	CD200R1L	0	0	0	0	0,840041035	0	0,073374463	0	0	0,913415498	0,101490611
ENSG00000135413	LACRT	0	0,912047619	0	0	0	0	0	0	0	0,912047619	0,101338624
ENSG00000206536	OR5K3	0	0	0	0,540238043	0,37175729	0	0	0	0	0,911995333	0,101332815
ENSG00000143595	AOP10	0	0	0	0,9107678	0	0	0	0	0	0,9107678	0,101196422
ENSG00000267179	AC008770.2	0,612886497	0	0	0	0	0	0	0,297822954	0	0,910709451	0,101189939
ENSG00000180116	C12orf40	0,033926935	0,060202515	0	0	0	0	0	0,816071002	0	0,910200452	0,101133384
ENSG00000285258	ATXN7	0,121244106	0,107572346	0	0,314043163	0	0	0,167785948	0	0,198819494	0,909465057	0,101051673
ENSG000000091128	LAMB4	0,021522865	0	0,039592665	0,743298603	0,102298118	0	0	0	0	0,906712042	0,100745782
ENSG000000074047	GLI2	0,102922334	0	0,643735415	0,142179526	0	0	0,017091722	0	0	0,905928997	0,100658777
ENSG00000100156	SLC16A8	0	0	0	0	0	0	0,398680129	0	0,506163928	0,904844057	0,100538229
ENSG00000138400	MDH1B	0	0	0	0,902576875	0	0	0	0	0	0,902576875	0,100286319
ENSG00000183091	NEB	0,079097364	0,035089083	0,100035368	0,076828435	0,246719285	0,037994374	0,09440958	0,19458312	0,036479836	0,901236445	0,100137383
ENSG00000179165	PXT1	0,291578525	0,129349735	0	0	0	0,480204274	0	0	0	0,901132534	0,100125837
ENSG00000129682	FGF13	0,02914801	0,012930607	0	0,025166126	0	0,744065373	0	0,079672703	0,008962074	0,899944892	0,099993877
ENSG00000165807	PPP1R36	0,098251346	0	0	0,508975893	0,116748226	0,053937119	0	0	0,12083649	0,898749074	0,099861008
ENSG00000162526	TSSK3	0	0	0	0	0	0,897298955	0	0	0	0,897298955	0,099699884
ENSG00000205329	OR6C3	0,323115974	0,573361369	0	0	0	0	0	0	0	0,896477343	0,099608594
ENSG00000172817	CYP7B1	0,04007175	0	0	0,726549253	0	0	0,016636215	0,087625184	0,024641544	0,895523946	0,099502661
ENSG00000183640	KRTAP8-1	0	0	0	0	0	0,895200953	0	0	0	0,895200953	0,099466773
ENSG00000204361	NXPE2	0	0	0	0	0,893771882	0	0	0	0	0,893771882	0,099307987
ENSG00000113763	UNC5A	0	0,496904332	0	0	0	0,07686383	0,31970666	0	0	0,893474822	0,09927498
ENSG00000065618	COL17A1	0,021385589	0,037948203	0,039340518	0,516995421	0,254116574	0,023480127	0	0	0	0,893266431	0,099251826
ENSG00000149435	GGTLC1	0	0	0	0,612044506	0,280779939	0	0	0	0	0,892824446	0,099202716
ENSG00000251503	CENPS-CORT	0	0,836450089	0	0	0	0	0,055913695	0	0	0,892363785	0,099151532
ENSG00000125831	CST11	0	0	0	0,892085383	0	0	0	0	0	0,892085383	0,099120598
ENSG00000150510	FAM124A	0	0	0	0,038933897	0,803754571	0	0	0,049303875	0	0,891992342	0,09911026
ENSG00000155875	SAXO1	0	0	0	0	0	0,018270078	0,8704582	0	0	0,888728278	0,098747586
ENSG00000112214	FHL5	0	0	0	0,73330672	0	0	0	0,154770289	0	0,888077009	0,098675223
ENSG00000185046	ANKS1B	0,054685812	0,048519316	0,12574871	0,21246854	0,259924033	0,060041826	0,079461895	0,029895464	0,016814125	0,887559722	0,098617747
ENSG00000119699	TGFB3	0,030751032	0	0	0,371702243	0	0	0,40853181	0	0,07563961	0,886624695	0,098513855
ENSG00000156968	MPV17L	0	0,044601131	0	0,130207073	0	0,165579418	0,146089874	0,274812515	0,123650381	0,884940392	0,09832671
ENSG00000176387	HSD11B2	0	0	0	0	0	0,372832757	0,093985267	0	0,417632634	0,884450658	0,098272295
ENSG00000187479	C11orf96	0,393927452	0	0	0	0,187235424	0	0,130834548	0,172280796	0	0,884278221	0,098253136
ENSG00000168143	FAM83B	0,798630498	0	0	0,083579428	0	0	0	0	0	0,882209927	0,098023325
ENSG00000167306	MYO5B	0,028603174	0,025377816	0,605105269	0,123478599	0,067976063	0,031404614	0	0	0	0,881945536	0,097993948
ENSG00000154864	PIEZO2	0,020425868	0,018122601	0,05636255	0,33507465	0,024271259	0,426101779	0	0	0	0,880358706	0,097817634
ENSG00000151577	DRD3	0	0	0,132308472	0,496782436	0,17092696	0,078967433	0	0	0	0,878985301	0,097665033
ENSG00000261857	MIA	0,130267733	0,462313793	0	0	0	0,286052718	0	0	0	0,877863425	0,097626027
ENSG00000174871	CNIH2	0,072719235	0	0	0	0	0	0	0	0,804917565	0,8776368	0,0975152
ENSG00000086570	FAT2	0,020789788	0,018445484	0	0,592340522	0,19762952	0	0	0,022730589	0,025568759	0,877504661	0,097500518
ENSG00000182793	GSTA5	0	0	0,596523818	0,279973149	0	0	0	0	0	0,876496966	0,097388552
ENSG00000138435	CHRNA1	0,031124731	0	0,057256457	0	0	0	0	0,748667403	0,038279407	0,875327999	0,097258667
ENSG00000166707	ZCCHC18	0	0	0	0,384973406	0	0	0	0,487510427	0	0,872438333	0,096942648
ENSG00000185247	MAGEA11	0,043585397	0	0	0,827887142	0	0	0	0	0	0,871472539	0,096830282
ENSG00000179363	TMEM31	0	0	0,379754234	0	0,490597735	0	0	0	0	0,870351969	0,096705774
ENSG00000130787	HIP1R	0,021367445	0	0	0,848629018	0	0	0	0	0	0,869996463	0,096666274
ENSG00000053438	NNAT	0,113702461	0	0	0,196339334	0	0	0	0	0,559357479	0,869399273	0,096599919
ENSG00000257065	AL049844.1	0	0	0	0	0	0,435460831	0	0,433641165	0	0,869101996	0,096566888
ENSG00000137948	BRDT	0,034866306	0,185608214	0,128278772	0,060206501	0,082860531	0,076562334	0,028950238	0,228727204	0,042881062	0,868941162	0,096549018
ENSG00000136274	NACAD	0	0,107839131	0	0,734584686	0	0	0,02523031	0	0	0,867654128	0,096406014
ENSG00000183559	C10orf120	0	0	0	0,245239638	0	0	0,621117608	0	0	0,866357246	0,096261916
ENSG00000213221	DNL2	0	0,865253308	0	0	0	0	0	0	0	0,865253308	0,096139256
ENSG00000111404	RERGL	0	0	0,358915557	0,505361474	0	0	0	0	0	0,864277031	0,096030781
ENSG00000221946	FXD07	0,505104972	0,14938273	0	0	0	0	0,209699719	0	0	0,864187421	0,096020825
ENSG00000169083	AR	0	0,020989589	0,065279084	0,674039465	0	0,051948517	0	0,051731439	0	0,863988094	0,095998677
ENSG00000102021	LUZP4	0	0	0	0	0	0	0,757009318	0,106441307	0	0,863450626	0,095938958
ENSG00000169126	ARMC4	0,031659453	0,056178923	0	0,601358626	0	0,104280689	0	0,069229953	0	0,862707645	0,095856405
ENSG00000221843	Zc0r16	0,073703485	0,016348128	0,322010845	0,031817458	0	0,010115265	0,328936976	0	0,079315063	0,86224722	0,095805247
ENSG00000140937	CDH11	0,056915469	0	0,104700602	0,373466254	0,027052169	0,012497972	0,009451626	0,024891493	0,251995284	0,860970869	0,09566343
ENSG00000089356	FXD03	0	0	0	0,860913234	0	0	0	0	0	0,860913234	0,095657026
ENSG00000170558	CDH2	0	0	0,239948294	0,619396789	0	0	0	0	0	0,859345083	0,095482787
ENSG00000187862	TTC24	0	0	0	0	0,253883027	0,117292737	0,487866261	0	0	0,859042025	0,095449114
ENSG00000235631	RNF148	0	0	0	0	0,858448308	0	0	0	0	0,858448308	0,095383145
ENSG00000088615	REEP1	0,025848541	0	0	0,089269577	0	0	0,686803049	0,05652319	0	0,858444357	0,095382706
ENSG00000108786	HSD17B1	0	0,047391658	0	0,691768225	0	0	0	0,116802604	0	0,855962437	0,095106943
ENSG00000112183	RBM24	0	0	0	0,228556182	0	0,048441044	0	0	0,578863476	0,855860702	0,095095634
ENSG00000138315	OIT3	0	0	0	0,551659566	0,303693482	0	0	0	0	0,855353048	0,095039228
ENSG00000232125	DTYN	0	0	0	0,438546176	0	0	0	0,416514161	0	0,855060337	0,095006704
ENSG00000171124	FUT3	0	0	0	0	0	0,853833782	0	0	0	0,853833782	0,09487042
ENSG00000168542	COL3A1	0	0,039368962	0,285693832	0,038310817	0	0,341028935	0,092108598	0	0,054572463	0,851083607	0,094564845
ENSG00000116983	HPCAL4	0,031759262	0	0,116847456	0,109682629	0,226429724	0	0,131851967	0	0,234358792	0,850929832	0,094547759
ENSG00000056291	PPFRR2	0,256228183	0	0	0,442450148	0,152232956	0	0	0	0	0,850911286	0,094545698
ENSG00000109819	PPARGC1A	0,013901616	0,024668077	0	0,09602023	0,033037492	0	0,011542809	0,668772814	0	0,847943039	0,094215893
ENSG00000166736	HTR3A	0,054513193	0	0,658926704	0	0	0	0,1340884	0,847528296	0,094169811	0,847528296	0,094169811
ENSG00000204624	DISP3	0,02469127	0	0,045421585	0,170545735	0	0	0,492040518	0,053992576	0,060734158	0,847425841	0,094158427
ENSG00000164821	DEFA4	0	0	0	0,845818394	0	0	0	0	0	0,845818394	0,093979822
ENSG00000132872	SYT4	0	0,062242804	0,064526485	0,605698641	0,083360618	0	0,029124961	0	0	0,84495351	0,093883723
ENSG00000198765	SYCP1	0	0	0,129957971	0,079040795	0	0	0	0	0,043442385	0,84434115	0,093815683
ENSG00000173338	KCNK7	0,193359655	0	0	0,166944961	0	0	0,481651946	0	0	0,841956563	0,093550729
ENSG00000165309	ARMC3	0	0,306491785	0,039717117	0,074563502	0,102619672	0	0,21512273	0,047211683	0,053106593	0,83883308	0,093203676
ENSG00000179314	WSCD1	0	0,112727859	0,03895461	0	0	0,581					

ENSG00000126562	WNK4	0,114326136	0,50717231	0	0,098708142	0	0,031380854	0	0,062499445	0	0,814086888	0,090454099
ENSG00000169946	ZFPM2	0	0	0	0,259766027	0	0	0,015613531	0,534550694	0	0,809930252	0,08999225
ENSG00000182931	WFDC10B	0,239858049	0	0	0	0,570027845	0	0	0	0	0,809885894	0,089987322
ENSG00000161664	ASB16	0	0	0	0,585055997	0	0,223198085	0	0	0	0,808254082	0,089806009
ENSG00000175426	PCSK1	0,028208059	0	0,051891002	0,048709161	0	0,0619416	0	0,616827641	0	0,807577464	0,089730829
ENSG00000136939	OR1L4	0,807214587	0	0	0	0	0	0	0	0	0,807214587	0,08969051
ENSG00000139219	COL2A1	0,022682463	0	0	0,783353271	0	0	0	0	0	0,806035734	0,089559526
ENSG00000179636	TPP22	0	0	0	0,527141363	0,145097997	0	0	0	0,133508916	0,805748276	0,089527586
ENSG00000204669	C9orf57	0	0,152613546	0,316425838	0,148511653	0	0	0	0,188067483	0	0,80561852	0,089513169
ENSG00000161958	FGF11	0	0,369487008	0	0	0	0,074096653	0,325230874	0,036583961	0,805398495	0,089488722	0,089488722
ENSG00000164181	ELOVL7	0,067747398	0,060108048	0	0,292462424	0,161003157	0	0	0,22221558	0	0,803536607	0,089281845
ENSG00000198838	RVR3	0,037091451	0,23694433	0,259284334	0,051239072	0,088148636	0,08959334	0,006159565	0,016221628	0,018247081	0,802929437	0,089214382
ENSG00000139220	PPIA2	0,052879005	0,125109997	0	0	0,041889367	0	0	0,539610865	0,043356524	0,802845474	0,089205053
ENSG00000185662	SMIM23	0	0	0,168779659	0,633721857	0	0	0	0	0	0,802501516	0,089168835
ENSG00000187955	COL14A1	0,0148293	0,02631423	0	0,307283581	0	0	0	0,453982723	0	0,802409834	0,089156648
ENSG000002066230	SLC9A3	0	0,095170186	0	0,046306118	0	0,206100095	0,289461281	0	0,164903746	0,801941427	0,089104603
ENSG000002073155	AC092587.1	0	0,801620329	0	0	0	0	0	0	0	0,801620329	0,089068925
ENSG00000089250	NOS1	0,034571167	0	0	0,099494766	0,657273013	0	0,009568393	0	0	0,800907339	0,088989704
ENSG000002014929	SPATA31D1	0,058592699	0,051985653	0,377251007	0,151765204	0	0,03216568	0	0,128125075	0	0,799885318	0,088876146
ENSG00000162399	BSND	0,028780225	0,025534901	0	0,745457503	0	0	0	0	0	0,799772629	0,088863625
ENSG00000205592	MUC19	0,558567967	0,027279775	0,009426889	0,123883941	0	0,011252752	0,021274812	0,02241146	0,025209783	0,799307379	0,088811931
ENSG00000169629	RGP08	0	0	0	0,113680645	0	0,26503287	0,291537222	0,047986432	0,080967117	0,799204286	0,088800476
ENSG00000187498	COL4A1	0	0	0	0,088983418	0,04898616	0,02263137	0,008557518	0,608493611	0	0,798264623	0,088696069
ENSG00000171551	ECEL1	0	0	0,09334456	0,087620878	0,361770526	0	0,25279449	0	0	0,795530454	0,088392273
ENSG00000072163	LIMS2	0	0,031594439	0,294782714	0	0,380824541	0	0	0	0,08759115	0,794792843	0,088310316
ENSG00000215568	GAB4	0,074128315	0	0	0,192005132	0,528502638	0	0	0	0	0,794636085	0,088292898
ENSG00000184611	KCNH7	0,030380091	0	0	0,419678286	0,144397886	0,066711129	0	0,132864724	0	0,794032115	0,088225791
ENSG00000099365	STX1B	0	0,103012678	0	0,300731819	0,068981472	0	0	0	0,321286727	0,794012695	0,088223633
ENSG00000164038	SLC9B2	0,028118826	0	0,051276851	0	0	0,030872828	0,490300888	0,122975276	0,069165062	0,793159732	0,088128859
ENSG00000278023	RDM1	0	0	0	0,792713847	0	0	0	0	0	0,792713847	0,088079316
ENSG00000168454	TXNDC2	0	0,316205189	0,08195168	0,076926584	0,317615751	0	0	0	0	0,792699204	0,088077689
ENSG00000187550	SBK2	0,553518574	0	0	0,238951442	0	0	0	0	0	0,792470016	0,088052224
ENSG00000158315	RHBDL2	0,05347154	0	0	0,738669426	0	0	0	0	0	0,792140965	0,088015663
ENSG000000005108	THSD7A	0,484284404	0,098211519	0	0,047785912	0,065766421	0	0,034466715	0,06051361	0	0,791028581	0,087892065
ENSG00000185666	SYN3	0	0	0,09586149	0,659657499	0	0	0	0	0,034137862	0,789656851	0,08773965
ENSG00000275004	ZNF280B	0	0,209361777	0	0	0	0,156195233	0,212621538	0	0,209856531	0,788135078	0,087750564
ENSG00000128052	KDR	0,023024618	0,04085662	0	0,119275472	0,547185041	0	0	0	0,056634625	0,786976377	0,08744182
ENSG00000197360	ZNF98	0	0,081477363	0,084466758	0	0	0	0,419378199	0,200811041	0	0,786133359	0,087348151
ENSG00000249884	RNF103-CHMP3	0	0,535213573	0	0	0	0	0,250439784	0	0	0,785653357	0,087294817
ENSG00000175229	GALT3T3	0,041411502	0,146967388	0,076179802	0,143017251	0,196830662	0	0	0,181109656	0	0,785516262	0,087279585
ENSG00000185386	MAPK11	0	0	0,58244414	0,133600276	0	0	0	0	0,069139331	0,785183747	0,087242639
ENSG00000186205	MARCI	0	0,029446738	0	0,716381986	0	0,018219918	0	0	0	0,020409238	0,784457881
ENSG00000100038	TOP3B	0,227541892	0,121130252	0,041858169	0,196457593	0	0,149896621	0,018893289	0,02798472	0	0,783762535	0,087084726
ENSG00000141485	SLC13A5	0,100517009	0,029727494	0,030818193	0,202499426	0,238880849	0,018393634	0,027820473	0,073267088	0,061811482	0,783735648	0,087081739
ENSG00000173239	LIPM	0,200013992	0	0,345380509	0,23766879	0	0	0	0	0	0,783063291	0,087007032
ENSG000000005379	TSPOAP1	0,026536232	0	0,048815541	0,160377981	0,063063929	0	0,01101168	0	0,473224089	0,783034571	0,087003841
ENSG00000171561	OR2AT4	0,017181418	0	0,031606606	0,089005676	0,122496035	0	0,485047332	0,03757073	0	0,782907797	0,086989755
ENSG00000140297	GCNT3	0,116669681	0,041405497	0	0,40292615	0,221814418	0	0	0	0	0,782815746	0,086979527
ENSG00000172987	HPSE2	0,021622747	0	0,258549137	0,056006648	0,128467319	0,059351283	0,017953829	0,212771776	0,026593192	0,781315931	0,086812881
ENSG00000108255	CRYBA1	0	0	0	0,328633469	0,452289096	0	0	0	0	0,780922565	0,086769174
ENSG00000172987	HPSE2	0,034180179	0	0	0,708260506	0	0,037527839	0	0	0	0,779968254	0,086663169
ENSG00000227268	KLIN	0,105992918	0,250775777	0,064994178	0,061008879	0,083964822	0	0,058672122	0,154516983	0	0,779925679	0,086658409
ENSG00000204323	SMIM5	0,029531087	0	0	0	0	0,713314967	0	0	0,03631943	0,779165484	0,086573943
ENSG00000284723	OR8S1	0	0	0	0,461423474	0,317522142	0	0	0	0	0,778945616	0,086549513
ENSG00000170962	PDGFD	0	0	0	0,612092364	0,084240568	0,038918737	0	0	0,043595243	0,778846912	0,086538546
ENSG00000270629	NBPF14	0,012608308	0,134238799	0	0,043543592	0	0,069215927	0,209378944	0,137853387	0,170572528	0,777411483	0,086379054
ENSG00000172137	CALB2	0	0,163421575	0	0,613603703	0	0	0	0	0	0,777025278	0,086336142
ENSG00000113492	AGXT2	0,076472961	0,135699393	0	0,396156338	0	0	0,167223971	0	0	0,775552663	0,086172518
ENSG000000006555	TC2C2	0,049455268	0	0	0	0,705189087	0	0,020531882	0	0	0,775176237	0,086130693
ENSG00000119121	TRPM6	0,032875138	0,087504188	0	0,59606597	0,039064238	0,01804749	0	0	0	0,773557025	0,085950781
ENSG00000177098	SCN4B	0	0	0,230956784	0,508575029	0	0	0	0,032899013	0,772430826	0,085825647	0,085825647
ENSG00000147234	FRMPD3	0,03300078	0,087838611	0,455306998	0,113970288	0	0,082203755	0	0	0	0,772320432	0,085813381
ENSG00000100721	TCL1A	0,066981636	0	0	0,462850664	0,159183308	0	0	0	0,082378778	0,771194386	0,085688265
ENSG00000131910	NR0B2	0	0,238609527	0	0,223978519	0,308255401	0	0	0	0	0,770843447	0,085649272
ENSG00000074410	CAL12	0,043186788	0	0	0,037287078	0,615806017	0	0,047218429	0,026557091	0,770055404	0,085561712	0,085561712
ENSG00000196778	OR52K1	0,083088657	0	0	0	0	0,06081766	0	0,181690561	0,442816127	0,768413005	0,085379223
ENSG00000172208	OR4X2	0	0	0	0,763712121	0	0	0	0	0	0,763712121	0,084856902
ENSG00000106541	AGR2	0,054670973	0	0	0,188809678	0,519707008	0	0	0	0	0,763187659	0,084798629
ENSG00000182983	ZNF662	0	0	0	0,154399393	0	0	0,0742428	0,130348942	0,403217307	0,762200442	0,084689827
ENSG00000073146	MOV10L1	0	0,039019499	0	0,075941494	0,20903233	0	0,438196736	0	0	0,762190059	0,084687784
ENSG00000132259	CNGA4	0	0	0	0,331442125	0	0	0	0,428810619	0	0,760252744	0,084472527
ENSG00000080493	SLC4A4	0,016569142	0,11760614	0,121921096	0,028611291	0,157507694	0	0,027515424	0,289854884	0	0,759585671	0,084398408
ENSG00000157103	SLC6A1	0,041418312	0,014699156	0,015238466	0,128736694	0,039372606	0	0,519579686	0,759044921	0	0,759044921	0,084338325
ENSG000002071425	NBPF10	0,010512771	0	0,038678183	0,235992394	0	0,173136124	0,026186934	0,183906814	0,758918692	0,084324299	0,084324299
ENSG00000146856	AGBL3	0,165441982	0	0	0	0	0,567642592	0	0	0,025434039	0,758518613	0,084279846
ENSG000001043171	RXRG	0	0,103299925	0,38786321	0,26690267	0	0	0	0	0	0,758065805	0,084229534
ENSG00000101440	ASIP	0	0,357300898	0	0	0	0,16127292	0	0,238877278	0	0,757451097	0,084161233
ENSG00000177182	CLV1	0	0	0,423538441	0,048575347	0	0,016971504	0,268173597	0	0	0,75725889	0

ENSG00000204839	MROH6	0	0,446478116	0	0	0	0,20891825	0,07860004	0	0,733996406	0,081555156
ENSG00000121904	CSMD2	0,033289766	0,014767968	0,04592941	0,129339361	0,138449237	0,006910301	0,36397485	0	0,73260893	0,081406766
ENSG00000170743	SYT9	0	0,056167155	0	0,60123266	0,075223616	0	0	0	0,732623432	0,081402604
ENSG00000137133	HINT2	0	0	0	0	0	0,576272924	0	0,155195426	0,731468349	0,081274261
ENSG00000248329	APELA	0,051767924	0	0	0	0	0	0,679207744	0	0,730975668	0,081219519
ENSG00000169436	COL22A1	0,076852166	0	0	0,630357853	0	0	0	0,023629564	0,730839583	0,081204398
ENSG00000214782	MS4A18	0	0	0	0,728360013	0	0	0	0	0,728360013	0,08092889
ENSG00000186198	SLC51B	0,163539579	0	0	0,564794317	0	0	0	0	0,728333896	0,080925988
ENSG00000228278	ORM2	0	0	0,727696594	0	0	0	0	0	0,727696594	0,080855177
ENSG00000170381	SEMA3E	0,053648723	0,031732781	0,065794106	0,123519515	0,042499117	0,371214	0,039104683	0	0,727512925	0,080834769
ENSG00000101605	MYOM1	0,068958277	0	0,169139093	0	0,109253892	0,378560793	0	0	0,725912054	0,080656895
ENSG00000140284	SLC27A2	0	0	0,199126145	0,467290427	0	0,059423559	0	0	0,725840132	0,080648904
ENSG00000196834	POTEI	0,021031395	0,074639388	0,309511592	0,072633257	0,149944694	0,046182485	0	0,051731809	0,725674619	0,080630513
ENSG00000186523	FAM86B1	0	0,063360586	0	0	0	0	0,266831991	0	0,395231262	0,725423839
ENSG00000126950	TMEM35A	0	0	0,648285651	0	0	0	0	0,076955082	0,725240733	0,080582304
ENSG00000166143	PPP1R14D	0	0	0,298894587	0	0	0	0	0	0,724659816	0,080517757
ENSG00000163645	ERICH6	0,218473114	0	0	0	0,34613739	0,159913809	0	0	0,724524313	0,080502701
ENSG00000163064	EN1	0	0	0	0,723312473	0	0	0	0	0,723312473	0,080368053
ENSG00000187166	H1FNT	0	0	0,213830845	0	0	0	0,508360873	0	0,722191718	0,080243524
ENSG00000102302	FGD1	0	0	0	0,720980819	0	0	0	0	0,720980819	0,08010898
ENSG00000138472	GUCA1C	0,129820078	0	0	0,448341881	0	0,14253486	0	0	0,720696818	0,080077424
ENSG00000198691	ABCA4	0,123759681	0,031372645	0,357760745	0,091588268	0	0	0,115982649	0	0,720463989	0,080051554
ENSG00000198354	DCAF12L2	0,054142089	0,384295235	0	0,280474713	0	0	0	0,718912037	0,079879115	0,080007424
ENSG00000184724	KRTAP6-1	0	0	0	0	0,718235085	0	0	0	0,718235085	0,079803898
ENSG00000164451	CALHM4	0,312858324	0	0	0,405178532	0	0	0	0	0,718036856	0,079781873
ENSG00000149557	FEZ1	0,03241325	0,028758258	0,029813395	0,363808952	0,071175709	0,121110359	0,070878286	0	0,717958209	0,079773134
ENSG00000066530	NTN1	0,117779089	0	0	0,081351512	0,025862911	0	0,463587078	0,028970619	0,71755121	0,079727912
ENSG00000189420	ZFP92	0,024751936	0,043921704	0	0,042741192	0	0,575457706	0,030441691	0,717314228	0,079701581	0,079701581
ENSG00000148143	ZNFA62	0,012396273	0	0,022803946	0,513735799	0,058920023	0,027220767	0,020585878	0,060983272	0,716645861	0,079627319
ENSG00000169550	MUC15	0,042127285	0	0	0,581957011	0	0	0,092120036	0	0,716204331	0,079578259
ENSG00000135346	CGA	0	0	0,571223675	0	0	0	0,144673629	0	0,715897303	0,079544145
ENSG00000283154	IQCCJ-SCHIP1	0	0	0,063048333	0,236729394	0,162902038	0	0	0,25290976	0,715589525	0,079509947
ENSG00000115648	MLPH	0	0,072129657	0,074776086	0,070190982	0,048300947	0	0,449931056	0,715328728	0,07948097	0,07948097
ENSG00000154485	MMP21	0,043914726	0	0	0,379155732	0	0,291706671	0	0,714777129	0,079419681	0,079419681
ENSG00000231256	CFAP97D1	0,040263941	0	0,074068771	0	0,478440637	0,088414909	0,03343201	0	0,714620268	0,079402252
ENSG00000125813	PAX1	0	0	0,474773867	0,178264714	0,061335191	0	0	0	0,714373771	0,079374863
ENSG00000178586	OR6B3	0	0	0	0,713586986	0	0	0	0	0,713586986	0,079287443
ENSG00000145832	SLC25A48	0,03610335	0,032032254	0,066415028	0,374055632	0,085800392	0	0,118421181	0	0,712827837	0,079203093
ENSG00000123569	H2BFWT	0	0	0,310939708	0	0,401697475	0	0	0	0,712637183	0,079181909
ENSG00000129451	KLK10	0,28240337	0,292764717	0,137406516	0	0	0	0	0,712574604	0,079174956	0,079174956
ENSG00000170160	CDC414A4	0	0	0	0,016780982	0,530556492	0,048357014	0,021225242	0,09550181	0,712401541	0,079155727
ENSG00000128917	DLL4	0	0,112806899	0	0,219549831	0,07554008	0	0,06950664	0,234555982	0,711959432	0,079106604
ENSG00000196581	AJAP1	0,048725698	0,043231278	0	0,063103984	0,173696514	0,013374492	0,354007386	0,014981582	0,711120393	0,079013437
ENSG00000204315	FKBP1	0	0	0	0	0,370888025	0,093495031	0,24622546	0	0,710608517	0,078956502
ENSG00000254466	OR4D10	0	0	0	0,42052373	0,289377552	0	0	0,709901282	0,07887792	0,07887792
ENSG00000284491	THSD8	0	0	0	0	0	0,709272651	0	0	0,709272651	0,078808072
ENSG00000129048	ACKR4	0	0,707809943	0	0	0	0	0	0,707809943	0,078645549	0,078645549
ENSG00000170689	HOXB9	0	0	0	0,706320504	0	0	0	0,706320504	0,078480056	0,078480056
ENSG00000161896	IP6K3	0,054103319	0	0,199054851	0,093424624	0	0,359385126	0	0,70596792	0,07844088	0,07844088
ENSG00000187123	LYPD6	0	0,053919566	0	0,577173682	0	0	0,074742217	0,705835465	0,078426163	0,078426163
ENSG00000213420	GPC2	0	0	0	0,612044506	0,093593313	0	0	0,70563782	0,078404202	0,078404202
ENSG00000162592	CDC27	0,071312209	0,189812648	0	0,06157031	0,338950016	0	0,043852412	0,705497595	0,078386622	0,078386622
ENSG00000112223	LTF	0	0,063136802	0,065453284	0,491518671	0,084557933	0	0	0,704666691	0,078296299	0,078296299
ENSG00000166220	TBATA	0	0	0	0,607885788	0	0,096628175	0	0	0,704513963	0,078279329
ENSG00000204965	PCDH45	0	0	0,703054908	0	0	0	0	0,703054908	0,078117212	0,078117212
ENSG00000149798	CDC42EP2	0,279317136	0	0	0	0	0,11596149	0,305392391	0,700671017	0,077852335	0,077852335
ENSG00000157800	SLC37A3	0	0	0,105017038	0,098577625	0,01566968	0,011850239	0,46812604	0,699240623	0,077693403	0,077693403
ENSG00000125084	WNT1	0	0	0,206369784	0	0,492681742	0	0	0,699051526	0,077672392	0,077672392
ENSG00000168676	KCTD19	0,061427061	0	0,03766668	0,530355639	0	0,0680056	0	0,697454981	0,077494998	0,077494998
ENSG00000147485	PXNDL	0	0	0	0,697287582	0	0	0	0,697287582	0,077476398	0,077476398
ENSG00000180433	OR6K6	0	0	0,47436877	0,222640763	0	0	0	0,697009533	0,077445504	0,077445504
ENSG00000147799	ARHGAP39	0,054857201	0	0,053382769	0,073469219	0,513381064	0	0,695090253	0,07732325	0,07732325	0,07732325
ENSG00000176076	KCN5E	0	0	0	0,243800097	0,450537886	0	0,694337983	0,077148665	0,077148665	0,077148665
ENSG00000187475	HIST1H1T	0	0	0	0	0,69321968	0	0	0,69321968	0,077024409	0,077024409
ENSG00000181333	HEPHL1	0,028271388	0,050166885	0,156022506	0,390548138	0,067187566	0	0	0,692196484	0,07691072	0,07691072
ENSG00000124251	TP53TG5	0	0,09334456	0	0,087620878	0,120590175	0,389984566	0	0,691540179	0,076837798	0,076837798
ENSG00000060566	CREB3L3	0	0	0	0,689782788	0	0	0	0,689782788	0,076842532	0,076842532
ENSG00000261787	TCF24	0	0,310589189	0	0,100747094	0,277310844	0	0	0,688647127	0,076516347	0,076516347
ENSG00000086521	GSTO2	0	0,027014104	0,028005249	0,446896491	0,036179482	0,150432721	0	0,688528048	0,076503116	0,076503116
ENSG00000100344	PNPLA3	0	0	0	0,080734831	0	0,504676459	0,102238418	0	0,687649709	0,076405523
ENSG00000064835	POU1F1	0	0	0	0	0,686649221	0	0	0,686649221	0,076294358	0,076294358
ENSG00000177483	RBM44	0,049962166	0,132984956	0	0	0,41141654	0	0,092170535	0,686534197	0,076281577	0,076281577
ENSG00000187066	TMEM262	0	0,063934669	0	0,622162553	0	0	0	0,686097221	0,076233025	0,076233025
ENSG00000144837	PLA1A	0	0	0	0	0,076491737	0	0,609376796	0,685868532	0,076207615	0,076207615
ENSG00000119547	ONECUT2	0,009132755	0,048617551	0,386410146	0,047310826	0,173633527	0	0,019970662	0,685075467	0,076119496	0,076119496
ENSG00000132677	RHBG	0	0,158476359	0	0,077108444	0	0,29662017	0,097646149	0,054919185	0,684770307	0,07608559
ENSG00000203877	RIPPLY2	0	0,192815436	0,066629937	0,187633011	0	0,237608749	0	0,684687135	0,076076348	0,076076348
ENSG00000124116	WFDC3	0	0	0	0	0,149321223	0,482899807	0,052170616	0	0,684391647	0,076043516
ENSG00000170236	USP50	0	0	0	0,684150432	0	0	0	0,684150432	0,076016715	0,076016715
ENSG00000172464	OR5AP2	0	0	0	0,518757405	0	0,16492105	0	0,683678455	0,075964273	0,075964273
ENSG00000158023	WDR66	0,009821942	0,017428794	0,054204764	0,033920699	0,186736454	0,043135672	0,338232215	0,683480539	0,075942282	0,075942282
ENSG00000139193	CD27	0	0	0,185060266	0	0	0,234350757	0,263612088	0,683023111	0,075891457	0,075891457
ENSG00000085552	IGSF9	0	0,041883396	0,059335199	0	0,374967403	0,226856107	0	0,683022105	0,075891345	0,075891345
ENSG00000242950	ERVW-1	0,02465099	0,043742578	0	0,53363944	0	0	0,060635081	0,682398089	0,07582201	0,

ENSG00000172346	CSDC2	0	0	0,185134931	0,086891433	0,239172522	0	0,041781662	0,110034821	0	0,66301537	0,073668374
ENSG00000138162	TACC2	0,02404305	0,028442535	0,117944354	0,193746467	0,190462764	0,026397864	0,026617944	0,035050073	0,019713235	0,662418287	0,073602032
ENSG00000178055	PRSS42P	0	0	0	0,562057027	0	0	0	0	0,100078903	0,662135929	0,073570659
ENSG00000143185	XCL2	0	0	0	0	0	0	0	0	0,661375524	0,661375524	0,073486169
ENSG00000198944	SOWAHA	0	0,083507319	0	0	0,111839783	0,103338883	0,156300632	0,205814119	0	0,660800735	0,073422304
ENSG00000105989	WNT2	0	0	0	0,580242327	0,079857136	0	0	0	0	0,660099464	0,073344385
ENSG00000142619	PADI3	0	0	0,087168422	0,572764134	0	0	0	0	0	0,659932556	0,07332584
ENSG00000205362	MT1A	0	0	0	0,658926704	0	0	0	0	0	0,658826704	0,073214078
ENSG00000230778	ANKRD63	0	0	0	0	0	0	0,658636913	0	0	0,658636913	0,073181879
ENSG00000101342	TLDC2	0	0	0,108883705	0,204414395	0	0	0,344023629	0	0	0,657321728	0,073035748
ENSG00000248405	PRR5-ARHGAP8	0	0,857210785	0	0	0	0	0	0	0	0,657210785	0,073023421
ENSG00000106648	GALNTL5	0,045515232	0,080765663	0	0,134379487	0,216335869	0	0	0	0	0,656996251	0,072995983
ENSG00000122728	TAFL1	0,024309937	0,043137387	0,134160279	0,335823648	0,057773092	0	0,06055518	0	0	0,655759524	0,072862169
ENSG00000072195	SPEG	0,008854481	0,047136177	0	0,581010725	0	0	0,007352064	0,01088987	0	0,655243318	0,072804813
ENSG00000144596	GRIP2	0,025420232	0,022553789	0	0	0,030205866	0,279099296	0,010553481	0,083379906	0,203213457	0,654426028	0,072714003
ENSG00000146147	MLIP	0,06215984	0,183835184	0	0	0	0	0	0,407776101	0	0,653771126	0,072641236
ENSG00000172188	OR4C11	0	0,195938619	0	0,095336125	0	0	0	0,362186227	0	0,653460971	0,072606775
ENSG00000174844	DNAH12	0,056915469	0,080796083	0	0,393122372	0	0,037493916	0,085064632	0	0	0,653392472	0,072599164
ENSG00000079112	CDH17	0,077932218	0	0,071681305	0,471001759	0	0	0,032354392	0	0	0,652969674	0,072552186
ENSG00000239887	C1orf226	0,067294843	0	0,06189715	0,522915781	0	0	0	0	0	0,652107774	0,072456419
ENSG00000117152	RG5A	0,093741049	0	0	0	0,519814474	0	0	0	0,038429802	0,651985325	0,072442814
ENSG00000069018	TRPC7	0	0,083978077	0	0	0,224940521	0,051960719	0	0	0	0,651901119	0,072433458
ENSG00000138395	CDK15	0,024511041	0,130482725	0,135270121	0,126975657	0,233004083	0	0	0	0	0,650243627	0,072249292
ENSG00000124237	C20orf85	0	0	0	0,64990031	0	0	0	0	0	0,64990031	0,072211146
ENSG00000175267	VWA3A	0,030000113	0	0	0,362625535	0	0,032938371	0,224187609	0	0	0,649751629	0,072194625
ENSG00000152939	MARVELD2	0	0,64961722	0	0	0	0	0	0	0	0,64961722	0,072179691
ENSG00000196873	CBWD3	0,012266464	0,021766539	0,090260605	0,042363012	0,116606069	0,026935722	0,061110641	0,187762154	0,090517017	0,649588224	0,072176469
ENSG00000177354	C10orf71	0,055565571	0	0	0,527722876	0,066026391	0	0	0	0	0,649314838	0,072146093
ENSG00000167774	AC010323.1	0	0	0	0	0	0	0,648984476	0	0	0,648984476	0,072109386
ENSG00000179172	HNRNPCL1	0	0	0	0	0,648226611	0	0	0	0	0,648226611	0,072025179
ENSG00000162949	CAPN13	0,58220216	0	0	0	0	0	0	0,063655282	0	0,645857442	0,071761938
ENSG00000115592	PRKAG3	0,045324106	0	0	0,078264839	0	0	0,075267146	0	0,445942465	0,644798557	0,071644284
ENSG00000270276	HIST2H4B	0	0	0	0	0,558503176	0,086008593	0	0	0	0,644511777	0,071612419
ENSG00000073464	CLCN4	0	0	0	0,538098504	0,105793944	0	0	0	0	0,643883448	0,071542605
ENSG00000128886	ELL3	0	0,6435408	0	0	0	0	0	0	0	0,6435408	0,071504533
ENSG00000183733	FIGLA	0	0	0,385013988	0	0	0	0	0	0,257405156	0,642419143	0,071379905
ENSG00000186190	BP1FB3	0,10392749	0	0	0,538380278	0	0	0	0	0	0,642307768	0,07136753
ENSG00000249459	ZNF286B	0	0	0,188973555	0,044346529	0	0,028196903	0,127943914	0	0,25268052	0,64214142	0,071349047
ENSG00000089847	ANKRD24	0	0	0	0,641547769	0	0	0	0	0	0,641547769	0,071283085
ENSG00000145864	GABRB2	0	0,027792451	0,130441399	0,43085488	0,03317548	0	0	0,018580936	0	0,640845147	0,071205016
ENSG00000188316	ENO4	0	0	0	0,164939933	0	0	0,475867252	0	0	0,640807185	0,071200798
ENSG00000136928	GABBR2	0,04115772	0	0	0,426422402	0,048906107	0	0,034174134	0,089999882	0	0,640660245	0,071184472
ENSG00000214694	ARHGGEF33	0,136652714	0	0	0	0,064951626	0,030007339	0,408476393	0	0	0,640088072	0,071120897
ENSG00000260636	RTKL1-TNFRSF6B	0	0	0,03057078	0,057392494	0	0	0	0	0,551837249	0,639800522	0,071088947
ENSG00000168502	MTCL1	0,011931352	0,0423433782	0,021948685	0,103014202	0	0	0,445808523	0	0,014674025	0,639720569	0,071080063
ENSG00000126785	RHOJ	0	0	0	0,255693263	0,17595176	0,081288867	0	0,080949184	0,0455283	0,639411373	0,071045708
ENSG00000111728	ST8SIA1	0	0,018514258	0,019193544	0,450415961	0	0,114555394	0	0,02281534	0,012832046	0,638326543	0,070925171
ENSG00000185372	OR2V1	0	0,19256158	0	0,187385978	0,257894106	0	0	0	0	0,637841664	0,070871296
ENSG00000147465	STAR	0	0	0,147586992	0	0	0	0,440431581	0	0	0,637353992	0,07081711
ENSG00000183072	NKX2-5	0	0	0	0,637048278	0	0	0	0	0	0,637048278	0,070783142
ENSG00000109255	NMU	0	0	0	0,267625615	0,368325684	0	0	0	0	0,635951299	0,070661255
ENSG00000080573	COL5A3	0	0	0	0,307751702	0,105887525	0	0	0,194860426	0,027398868	0,635898522	0,070655391
ENSG00000186487	MYT1L	0,025793389	0,015256579	0,023724511	0,341469911	0	0,018879756	0	0,009400431	0,200909443	0,635434021	0,07060378
ENSG00000255221	CARD17	0	0	0	0,635393607	0	0	0	0	0	0,635393607	0,07059929
ENSG00000131941	RHPN2	0,03144861	0,055804787	0,057852258	0	0,149476605	0	0,339461876	0	0	0,634044135	0,070449348
ENSG00000238083	LRRCC37A2	0	0	0	0	0	0,171902611	0	0,048909794	0,412625494	0,633437898	0,070381989
ENSG00000168903	BTNL3	0,061930562	0	0	0,32082169	0,147179321	0	0,102844534	0	0	0,632776107	0,070308456
ENSG00000138115	CYP2C8	0,058775018	0	0	0,304474883	0,139680102	0	0	0,128523752	0	0,631453755	0,070161528
ENSG00000174963	ZIC4	0,035273242	0	0,097331967	0,456818933	0	0,01936398	0	0	0,021690771	0,630478893	0,07005321
ENSG00000168916	ZNF608	0,109152391	0,038737648	0,120476784	0,037696471	0	0,095874358	0,126884184	0,047736863	0,053697348	0,630256049	0,07002845
ENSG00000214891	TRIM64C	0	0	0	0,385713192	0	0	0,244223627	0	0	0,629936819	0,06999298
ENSG00000188710	QRFP	0	0	0	0,62951743	0	0	0	0	0	0,62951743	0,069946381
ENSG00000103310	ZP2	0,087524223	0	0,080503938	0,15113523	0,20800321	0,048048241	0	0	0,053821756	0,629036598	0,069892955
ENSG00000184905	TCEAL2	0,095548891	0	0	0	0,454148014	0	0,079336283	0	0	0,629033188	0,069892576
ENSG00000167780	SOAT2	0	0	0	0,125873118	0,173235669	0,240102137	0	0	0,089651	0,628861924	0,069873547
ENSG00000179059	ZFP42	0	0	0,314457126	0,19678354	0	0	0,047311588	0	0,0700777874	0,628630128	0,069847792
ENSG00000105227	PRX	0	0	0	0,316723569	0	0,028768957	0,282835845	0	0	0,628328371	0,069814263
ENSG00000157131	C8A	0,064138612	0	0	0,332260154	0,152426801	0	0	0	0,078882225	0,627707792	0,06974531
ENSG00000070808	CAMK2A	0	0	0,135600048	0,424284512	0	0,02697733	0,040800336	0	0	0,627665249	0,069740583
ENSG00000167100	SAMD14	0,021537995	0	0	0,446296992	0	0	0	0,158933742	0	0,626768729	0,06964097
ENSG00000172156	CCL11	0,140046868	0	0	0	0,332824414	0,153763278	0	0	0	0,62663456	0,069626062
ENSG00000188158	NHS	0,2616885	0,051595536	0,05348857	0,100417539	0	0	0	0,158954477	0	0,626144622	0,069571625
ENSG00000168843	FSTL5	0	0	0	0,490110771	0,134905162	0	0	0	0	0,625015934	0,069446215
ENSG00000167807	AC011511.1	0	0	0	0	0	0	0,180100955	0	0,444608905	0,62470986	0,069412207
ENSG00000113600	C9	0	0,092413597	0,173493999	0,358162443	0	0	0	0	0	0,624070038	0,069341115
ENSG00000099954	CECR2	0	0,024922576	0	0	0,033378338	0	0,548109081	0,017273587	0	0,623683583	0,069298176
ENSG00000186207	LCEA5	0	0,623586047	0	0	0	0	0	0	0	0,623586047	0,069287339
ENSG00000111012	CYP27B1	0	0	0,169293605	0,397282239	0	0	0	0,056591511	0,623167355	0,623167355	0,069240817
ENSG00000162620	LRR1Q3	0	0,091839936	0	0	0	0	0	0,530444464	0,6222844	0,6222844	0,069142711
ENSG000001025674	OR13A1	0	0	0	0	0	0	0	0,622022574	0,622022574	0,622022574	0,069113619
ENSG00000125571	IL37	0	0	0	0,622014242	0	0	0	0	0	0,622014242	0,069112694
ENSG00000169208	OR10G3	0	0	0	0,098839006	0,272058744	0	0,250329218	0	0	0,621226968	0,069025219
ENSG00												

ENSG000000071991	CDH19	0	0	0.195324884	0.040498266	0.076030004	0.052318989	0	0	0.240701171	0	0.604873314	0.067208146
ENSG000000163239	TDRD10	0	0	0	0	0.48214149	0	0.122624225	0	0	0	0.604765716	0.067196191
ENSG000000164404	GDF9	0	0	0	0	0	0	0	0	0	0	0.604637818	0.06718198
ENSG000000071991	SLC12A1	0	0	0	0.043302453	0.0404647243	0.055941669	0.051689564	0	0.411788541	0	0.60336947	0.067041052
ENSG000000197748	CFAP43	0.042068644	0.037324889	0.038694334	0	0	0	0.392605763	0	0.091991806	0	0.602685437	0.066965049
ENSG000000078114	NEBL	0.033201385	0.039276695	0.020358876	0.324878758	0.105205081	0	0.055135637	0.055135637	0.024200569	0	0.602257002	0.066917445
ENSG000000132563	REEP2	0	0	0	0	0	0	0.562582103	0.038677661	0	0	0.601259764	0.06680664
ENSG000000179626	OR6C4	0.176016972	0	0	0.354600043	0.069718024	0	0	0	0	0	0.60033054	0.066703893
ENSG000000172410	INSL5	0.211343455	0	0.388783355	0	0	0	0	0	0	0	0.600126811	0.066680757
ENSG000000140873	ADAMTS18	0.022902481	0	0.084261928	0	0.054428242	0	0	0.100162039	0.338005194	0	0.599759884	0.066639987
ENSG000000134193	REG4	0.04426203	0	0	0.458585193	0	0	0	0.096788098	0	0	0.599635321	0.066626147
ENSG000000174483	BB51	0	0	0.045340091	0.29791956	0.117148114	0.10824373	0	0	0.030312595	0	0.59896409	0.066551566
ENSG000000106404	CLDN15	0	0	0	0.360781161	0	0	0.173481275	0	0.06424007	0	0.598502506	0.066500278
ENSG000000164120	HPGD	0	0.145439523	0	0.094353634	0	0	0	0.358453698	0	0	0.598246855	0.066471873
ENSG000000090512	FETUB	0.149318746	0	0	0.386761326	0	0	0.061991271	0	0	0	0.598071342	0.066452371
ENSG000000164399	IL3	0	0.255373333	0	0	0.342016707	0	0	0	0	0	0.59739004	0.066376671
ENSG000000228686	ARL17B	0	0.254223276	0	0	0	0	0	0.07832059	0.264299392	0	0.596843257	0.066315917
ENSG000000146285	SCML4	0.016667833	0.02957666	0	0.086345127	0.091501531	0.249113829	0	0.122995713	0	0.596200694	0.066244522	
ENSG000000118156	ZNF541	0	0	0	0.560547744	0.03564137	0	0	0	0	0	0.596189113	0.066243235
ENSG000000144437	SLC25A52	0	0	0	0.197827881	0.272265006	0.125785123	0	0	0	0	0.595878009	0.066208668
ENSG000000254440	PBOV1	0	0.321	0	0.208248184	0	0.066205338	0	0	0	0	0.595453522	0.066161502
ENSG000000258817	ORC41C3	0	0	0	0.253581122	0	0.161234768	0	0	0.180608865	0	0.595424756	0.066158306
ENSG000000114279	FGF12	0	0.218742624	0.11384133	0.070954446	0.146478943	0	0.044926522	0	0.594486668	0.066054074	0	0.594486668
ENSG000000187026	KRTAP21-2	0	0	0	0.593034033	0	0	0	0	0	0	0.593034033	0.06589267
ENSG000000231989	PPP1R2B	0.151793642	0	0	0	0.180370438	0.166660549	0	0	0.093343306	0	0.592167935	0.065796437
ENSG000000176246	OR4L1	0	0	0.592076888	0	0	0	0.475291196	0	0	0	0.592076888	0.065786321
ENSG000000150722	PPP1R1C	0.061841854	0.054868426	0	0	0	0	0	0	0	0	0.592001476	0.065777942
ENSG000000071991	PTPN3	0.03027233	0.026827614	0.055623832	0.208852406	0.251508034	0.310914477	0.106975735	0	0.018593949	0.091643067	0.590723468	0.065738119
ENSG000000132639	SNAP25	0.09002715	0	0.082806106	0.310914477	0.106975735	0	0	0	0	0	0.590723468	0.065635941
ENSG000000182308	DCAF4L1	0	0	0.118038259	0.055400207	0.228737288	0	0	0	0.070155959	0.118373581	0.590705294	0.065633922
ENSG000000187987	ZSCAN23	0	0.081675906	0.169345171	0	0	0	0	0	0.339652493	0.59067357	0.59067357	0.065630397
ENSG000000082438	COBL1	0.017592476	0	0.06472556	0.45567549	0.0418089	0	0	0.010818239	0.590620664	0.590620664	0.590620664	0.065624518
ENSG000000234965	SHISA8	0	0	0	0	0	0.590429099	0	0	0.590429099	0.590502787	0.590502787	0.065603233
ENSG000000188596	CFAP54	0.035103896	0.041527335	0.172203871	0.080822355	0.02780839	0.204032598	0.028782178	0.590280623	0.590280623	0.590280623	0.590280623	0.065586736
ENSG000000182752	PAPPA	0	0.023994829	0.427946872	0.123993972	0.014321155	0	0.590256829	0.590256829	0.590256829	0.590256829	0.590256829	0.065548092
ENSG000000196611	MMP1	0	0	0	0.589230866	0.589230866	0	0.589230866	0.589230866	0.589230866	0.589230866	0.589230866	0.065470096
ENSG000000178163	FAM216B	0	0.081058646	0.084032678	0.315519921	0.108560321	0	0.589171566	0.589171566	0.589171566	0.589171566	0.589171566	0.065463507
ENSG000000198914	ML16223.1	0	0	0	0	0	0.271539405	0.136901617	0.180269813	0.588710836	0.065412315	0.588710836	0.065412315
ENSG000000120820	GLT8D2	0.046197056	0	0.079772233	0.0405773346	0	0.056816424	0.588559059	0.065394541	0.588559059	0.065394541	0.588559059	0.065394541
ENSG000000088782	DEFB127	0.587978874	0	0	0	0	0	0.587978874	0.587978874	0.587978874	0.587978874	0.587978874	0.065330986
ENSG000000135519	KCNH3	0.033610002	0	0	0.058037138	0	0	0.496031643	0.587678784	0.065297643	0.587678784	0.065297643	0.587678784
ENSG000000172247	C1QTNF4	0	0	0	0	0	0.587086259	0.587086259	0.587086259	0.587086259	0.587086259	0.587086259	0.065231807
ENSG000000100228	RAB36	0.036793419	0	0.254136815	0.174880712	0.121191071	0	0.587002017	0.065222446	0.587002017	0.065222446	0.587002017	0.065222446
ENSG000000213215	OR2F1	0	0.326459306	0.15322077	0.070291161	0	0.036376301	0.58634754	0.065149727	0.58634754	0.065149727	0.58634754	0.065149727
ENSG000000115252	PDE1A	0.023902336	0.042414109	0.131910835	0.247644709	0.11360884	0.026243369	0	0.585724198	0.065080466	0.585724198	0.065080466	0.585724198
ENSG000000104369	JPH1	0	0.058418736	0.454788627	0.07229219	0	0	0.585499553	0.065055506	0.585499553	0.065055506	0.585499553	0.065055506
ENSG000000141161	UNC45B	0.053217317	0.047216411	0.097897552	0.321631418	0	0	0.065450439	0.585413137	0.065045904	0.585413137	0.065045904	0.585413137
ENSG000000185156	MFSD6L	0.069063332	0	0	0	0	0.516102828	0	0.585116616	0.065016616	0.585116616	0.065016616	0.585116616
ENSG000000199867	OR10Z1	0.119492781	0.127222205	0.131899973	0.206337952	0	0	0.584942911	0.064936357	0.584942911	0.064936357	0.584942911	0.064936357
ENSG000000168828	OR13J1	0	0	0	0.584619062	0	0	0.584619062	0.064957674	0.584619062	0.064957674	0.584619062	0.064957674
ENSG000000111701	APOBEC1	0	0	0	0.583747147	0	0	0.583747147	0.064860794	0.583747147	0.064860794	0.583747147	0.064860794
ENSG000000230453	ANKRD18B	0	0	0	0.551828219	0	0.031730668	0.583558887	0.064839876	0.583558887	0.064839876	0.583558887	0.064839876
ENSG000000215174	NLRP2B	0.047310761	0.083951785	0	0.245086075	0	0.20690956	0.583258181	0.064806465	0.583258181	0.064806465	0.583258181	0.064806465
ENSG000000130383	FUT5	0	0	0	0	0.583019095	0	0.583019095	0.064779899	0.583019095	0.064779899	0.583019095	0.064779899
ENSG000000182866	LCK	0.045256236	0	0	0.537762118	0	0	0.583018354	0.064779817	0.583018354	0.064779817	0.583018354	0.064779817
ENSG000000133101	CNA1	0	0.119121279	0	0.46367832	0	0.5827996	0.064755511	0.5827996	0.064755511	0.5827996	0.064755511	0.5827996
ENSG000000123901	GPR83	0.070661946	0.389965068	0.122017758	0	0	0.582644771	0.064738308	0.582644771	0.064738308	0.582644771	0.064738308	0.582644771
ENSG000000214595	EML6	0.03142463	0.167286705	0.019269382	0.108526955	0.115008025	0.114527439	0.025765496	0.581808631	0.064645403	0.581808631	0.064645403	0.581808631
ENSG000000188993	LRRRC6	0.09038936	0	0.16710556	0	0.323821048	0	0.581765544	0.064640616	0.581765544	0.064640616	0.581765544	0.064640616
ENSG000000122787	AKR1D1	0.1771519	0	0	0.210502663	0.097251217	0.096844832	0.581750612	0.064638957	0.581750612	0.064638957	0.581750612	0.064638957
ENSG000000105198	LGALS13	0.213131976	0	0.368032404	0	0	0.58116438	0.06457382	0.58116438	0.06457382	0.58116438	0.06457382	0.58116438
ENSG000000161682	FAM171A2	0	0	0.581146937	0	0	0.581146937	0.064571882	0.581146937	0.064571882	0.581146937	0.064571882	0.581146937
ENSG000000251493	FOXD1	0	0	0.455702016	0.125434	0	0.581136017	0.064570669	0.581136017	0.064570669	0.581136017	0.064570669	0.581136017
ENSG000000180919	OR5EB4	0.13117237	0	0	0.286835562	0.161325106	0.579330309	0.064370338	0.579330309	0.064370338	0.579330309	0.064370338	0.579330309
ENSG000000154493	C10orf90	0.05102607	0.105796422	0.148963829	0.273353029	0.485828922	0.040493894	0.149948784	0.578616158	0.064290684	0.578616158	0.064290684	0.578616158
ENSG000000196335	STK31	0.049165632	0.043621604	0	0.04210666	0.231800899	0.040493894	0.149948784	0.578449119	0.064272124	0.578449119	0.064272124	0.578449119
ENSG000000188558	OR2G6	0.024384472	0	0.08971441	0.504222173	0	0	0.577222449	0.064135828	0.577222449	0.064135828	0.577222449	0.064135828
ENSG000000170819	BFPSP2	0.073000276	0	0.223097993	0.157063588	0	0.075523876	0.576961998	0.064106889	0.576961998	0.064106889	0.576961998	0.064106889
ENSG000000117971	CHRNB4	0.121276541	0	0.078073082	0.080937574	0.417860638	0	0.576871294	0.06409681	0.576871294	0.06409681	0.576871294	0.06409681
ENSG000000183090	FREM3	0	0.090253113	0.09356449	0.087827322	0.241748598							

ENSG00000176678	FOXL1	0	0	0	0,557851362	0	0	0	0	0,557851362	0,061983485
ENSG00000278558	TMEM191B	0	0	0,129725206	0	0,347477061	0,080266365	0	0	0,557468632	0,061940959
ENSG00000186847	KRT14	0	0	0,237819956	0	0,318507798	0	0	0	0,556327754	0,061814195
ENSG00000130045	NXNL2	0,423448357	0	0	0	0	0,132834729	0	0	0,556283086	0,061809232
ENSG00000188153	COL4A5	0	0,06779823	0,210857218	0,109959956	0,151334826	0	0	0,015663424	0,555613653	0,06173485
ENSG00000114656	KIAA1257	0,045684945	0	0	0,078887929	0	0,417995003	0,012644395	0	0,555212273	0,061690253
ENSG00000251201	TMED7-TICAM2	0	0	0	0	0,192659626	0,04450391	0,168281025	0,149554605	0,554999165	0,061666574
ENSG00000168124	OR1F1	0	0	0	0,554002069	0	0	0	0	0,554002069	0,061555785
ENSG00000129244	ATP1B2	0,305362008	0	0	0	0,103671346	0	0,14488491	0	0,553918264	0,061546474
ENSG00000165192	ASB11	0	0,085395541	0	0,415501552	0	0,052837763	0	0	0,553734857	0,061526095
ENSG00000180219	FAM71C	0,081067903	0	0	0,279973149	0,192659626	0	0	0	0,553700677	0,061522297
ENSG00000112378	PER1P	0,071991696	0,063873749	0,06621727	0,18647082	0,085544912	0	0,078712379	0	0,552810928	0,061423436
ENSG00000115590	ZBTB32	0	0	0	0,190533023	0	0	0,361921761	0	0,552454783	0,061383865
ENSG00000149133	OR5F1	0	0	0	0,552243332	0	0	0	0	0,552243332	0,06136037
ENSG00000196876	SCN8A	0,010117882	0,161585403	0	0,069885497	0,264499027	0,033604374	0	0,012443691	0,552135875	0,061348431
ENSG00000176601	MAP3K19	0,02488236	0,088306274	0,320411772	0	0,118266933	0	0	0	0,551867339	0,061318593
ENSG00000143375	CGN	0,045680342	0	0	0,07887998	0,162840482	0,225694557	0,037929363	0	0,551024724	0,061224969
ENSG00000143842	SOX13	0,224018366	0,036137736	0,037463625	0	0	0	0	0,178131842	0,550891673	0,061210186
ENSG00000164287	CDC20B	0	0,119280249	0	0,174111415	0	0,036901819	0,220485699	0	0,550779182	0,061197687
ENSG00000180245	RRH	0,021169875	0	0,194718478	0,036555754	0,251553336	0,046486572	0	0	0,550484016	0,061164891
ENSG00000140543	DET1	0	0	0	0,380760214	0	0,169469435	0	0	0,550229649	0,061136628
ENSG00000101842	VSIG1	0	0	0,073754338	0	0,476409581	0	0	0	0,550163919	0,061129324
ENSG00000151715	TMEM45B	0	0	0	0,431012512	0,118638105	0	0	0	0,549650616	0,061072291
ENSG00000174562	KLK15	0	0	0,121441721	0,113995183	0,313776795	0	0	0	0,5492137	0,061023744
ENSG00000105974	CAV1	0	0	0,143807604	0,404986921	0	0	0	0	0,548776525	0,060975169
ENSG00000175619	OR4B1	0,162484485	0	0	0	0,386147895	0	0	0	0,54863238	0,060959153
ENSG00000174586	ZNF497	0	0,481651014	0	0,06695791	0	0	0	0	0,548608924	0,060956547
ENSG00000104723	TUSC3	0,029115717	0,103330251	0	0,351935419	0	0	0,063667547	0	0,548048933	0,060894326
ENSG00000265763	ZNF488	0	0	0,445281527	0,102138095	0	0	0	0	0,547419622	0,060824402
ENSG00000160097	FND5	0,047236815	0	0	0,163135339	0,336777939	0	0	0	0,547150093	0,060794455
ENSG00000136237	RAPGEF5	0,01474969	0,052345925	0	0,356572928	0,10515887	0	0,018140217	0,54696763	0,060774181	
ENSG00000254536	AL360181.3	0	0	0	0	0,223749248	0,206742152	0	0,115792226	0,546283625	0,060698181
ENSG00000248144	ADH1C	0,192008349	0	0	0	0	0	0	0,354218276	0,546226625	0,060691847
ENSG00000042304	C2orf83	0	0	0	0	0,309051241	0,047593395	0	0	0,546222702	0,060691811
ENSG00000149575	SCN2B	0,025937276	0,13807518	0	0,268728089	0	0	0,113434455	0	0,546175001	0,060686111
ENSG00000173124	ACSM6	0	0,191052369	0,099031029	0	0,255872848	0	0	0	0,545956246	0,060661805
ENSG00000155530	LRGUK	0,031487929	0	0,405472118	0,108745561	0	0	0	0	0,545705608	0,060633956
ENSG00000277556	OR13C5	0	0	0	0,545318651	0	0	0	0	0,545318651	0,060590961
ENSG00000276119	OR13C2	0	0	0	0,545318651	0	0	0	0	0,545318651	0,060590961
ENSG00000172404	DNAJB7	0,058615427	0	0	0	0	0,4866964	0	0	0,545311827	0,060590203
ENSG00000162641	AKNAD1	0	0	0	0,106179033	0,438393744	0	0	0	0,544572778	0,060508086
ENSG00000039600	SOX30	0	0,153707079	0	0,074787898	0,102928502	0	0	0,21306566	0,544489139	0,060498793
ENSG00000128710	HOXD10	0	0,298820951	0	0	0	0	0,245493735	0	0,544314686	0,06047941
ENSG00000213265	TSGA13	0	0	0,462036254	0	0	0	0	0,082269377	0,544305631	0,060478403
ENSG00000147697	GSDMC	0	0,100427715	0	0,19545691	0,124277586	0	0,123758265	0	0,543920476	0,060435608
ENSG00000198028	ZNF560	0,106565988	0	0	0,184016202	0,253256377	0	0	0	0,543838567	0,060426507
ENSG00000140623	SEPT12	0	0	0,372764249	0,171008354	0	0	0	0	0,543772603	0,060419178
ENSG00000282936	AC004706.3	0,469950884	0	0	0,073772964	0	0	0	0	0,543732848	0,060413761
ENSG00000144130	NT5DC4	0	0,190396686	0	0,308798787	0	0	0	0,043987343	0,543182816	0,060353646
ENSG00000268182	SMIM17	0,178266501	0	0,218623751	0	0	0	0,146163211	0,543053462	0,060339274	
ENSG00000125508	SRMS	0	0,183364181	0	0	0,236884922	0	0,542839158	0,060315462	0,542839158	0,060315462
ENSG00000104499	GML	0,160755926	0	0,382039939	0	0	0	0	0	0,542795865	0,060310652
ENSG00000130649	CYP2E1	0	0,250808356	0,216948638	0,074645093	0	0	0	0	0,542402087	0,060266899
ENSG00000218819	TDRD15	0	0	0	0	0,081129866	0,430884522	0,030292832	0,542307722	0,060256358	
ENSG00000251531	C16orf90	0	0	0,541921027	0	0	0	0	0,541921027	0,060213447	
ENSG00000013588	GPCR5A	0,017904096	0,032936031	0,278248196	0,212747359	0	0	0	0	0,541835682	0,060203965
ENSG00000150244	TRIM48	0	0	0,541733511	0	0	0	0	0	0,541733511	0,060192612
ENSG00000133020	MYH8	0,05002833	0	0,046015577	0	0	0,382890576	0,061528397	0,54046288	0,060051431	
ENSG00000151208	DLG5	0	0	0	0	0,379224175	0,143394665	0,017699669	0,540318509	0,06003539	
ENSG00000140682	TGFB11	0	0,049628355	0,051449213	0,241472307	0,066466323	0,061414243	0,069667036	0	0,540097476	0,060010831
ENSG00000257591	ZNFB25	0	0	0,118391549	0	0	0	0	0,421611893	0,540003442	0,060003382
ENSG00000121101	TEX14	0,085132716	0	0,049001873	0	0,311569158	0,094250015	0	0	0,539953762	0,059994862
ENSG00000158865	SLCSA11	0	0	0,081399736	0,458450907	0	0	0	0	0,539850643	0,059983405
ENSG00000144278	GALNT13	0,113770946	0,080753501	0,251149013	0,039291519	0,054075823	0	0	0	0,539040802	0,059893422
ENSG00000240204	SMKR1	0	0	0,538565479	0	0	0	0	0	0,538565479	0,059840609
ENSG00000221900	POM121L12	0,117779089	0	0,216664146	0,20337878	0	0	0	0	0,537822014	0,059758002
ENSG00000166391	MOGAT2	0,110031969	0	0,067470898	0,063333732	0,174328904	0	0,121815856	0	0,536981359	0,059664595
ENSG00000176681	LRRC37A	0	0	0	0	0	0,127505823	0,152367615	0,257088641	0,536962079	0,059662453
ENSG00000175779	C15orf53	0,107056727	0,284954304	0	0	0,084807543	0	0,05926099	0	0,536079565	0,059646396
ENSG00000188730	VWVC2	0	0,047366543	0	0,138280326	0	0	0,350222117	0	0,535868986	0,059540998
ENSG00000170775	GPR37	0	0	0	0	0,494271827	0,041532715	0	0	0,535804542	0,059533838
ENSG00000157796	WDR19	0,051673511	0	0,031685866	0	0	0	0,451979347	0	0,535338723	0,05948208
ENSG00000186439	TRDN	0,022553817	0,120063582	0,041489567	0,27261863	0,053599633	0,024762773	0	0	0,535088002	0,059454222
ENSG00000102539	MLNR	0	0	0	0	0,267813683	0	0,266694566	0	0,534508249	0,059389805
ENSG00000099953	MMP11	0	0	0	0	0,289997124	0,243679029	0	0	0,533676153	0,05929735
ENSG00000215277	RNF212B	0	0,260458475	0	0	0	0,182812528	0,533531578	0,090260574	0,533531578	0,059281286
ENSG00000215455	KRTAP10-1	0	0	0,429522592	0	0	0,103267763	0	0	0,532790355	0,059198928
ENSG00000187527	ATP13A5	0,048526195	0	0,044633927	0,418970736	0	0	0,020146168	0	0,5322777026	0,059141892
ENSG00000168634	WFDC13	0	0	0	0	0,532025989	0	0	0	0,532025989	0,059113999
ENSG00000153347	FAM81B	0	0	0	0	0	0,531977801	0	0	0,531977801	0,059108645
ENSG00000148053	NTRK2	0,096470924	0,065840495	0,08190741	0,140955887	0,105814725	0,024442947	0,016227205	0	0,531659593	0,059073288
ENSG00000189030	VHLL	0	0	0	0	0,531238968	0	0	0	0,531238968	0,059026552
ENSG00000154096	THY1	0,025503894	0	0	0,060610556	0	0,444704974	0	0	0,530819424	0,05897936
ENSG00000144339	TMEFF2	0	0,22894638	0,094938558	0,178234272	0	0,028331724	0	0	0,530450935	0,058938993
ENSG00000136011	STAB2	0,016283467	0,086683836	0,029954752	0,196825951	0,038698011	0,03575659	0,05408204	0,071214346	0,529498993	0,058833221
ENSG00000121871	SLITRK3	0	0	0,052707641	0,445281527	0	0,031458206	0	0	0,529447373	0,058827486
ENSG00000146955	RAB19	0,151565266	0	0	0	0	0,377543627	0	0	0,529108893	0,058789877
ENSG0000011332	DPF1	0	0	0	0,374080773						

ENSG00000119771	KLHL29	0	0,024137366	0,100091853	0,117443053	0,258613767	0	0	0	0,016729366	0,517015405	0,057446156
ENSG00000119147	C2orf40	0	0	0	0,306082082	0,210626125	0	0	0	0	0,516708206	0,057412023
ENSG000000008735	MAPK8IP2	0	0	0,047985517	0,40538836	0,061991635	0	0	0	0	0,515365512	0,057262835
ENSG00000144847	IGSF11	0	0	0	0,372840339	0,073304254	0,067732426	0	0	0	0,513877019	0,057094747
ENSG00000258839	MC1R	0	0	0,049942526	0	0	0,029807865	0	0	0	0,43406482	0,057090579
ENSG00000099937	SERPIND1	0	0	0	0,112520472	0	0	0	0	0,400704015	0,513224487	0,057024943
ENSG000000091704	CPA1	0,053264212	0	0	0,459878348	0	0	0	0	0	0,51314256	0,05701584
ENSG00000157093	LYZL4	0	0	0	0,512642386	0	0	0	0	0	0,512642386	0,056960265
ENSG00000167858	TEKT1	0	0	0,072258929	0	0	0	0,391381332	0	0,048309468	0,511949728	0,056883303
ENSG00000105550	FGF21	0,114912981	0	0	0,396859277	0	0	0	0	0	0,511772258	0,056863584
ENSG00000157429	ZNF19	0,01638055	0	0	0,056571268	0	0	0	0,358194653	0,080583858	0,511730329	0,056858925
ENSG00000102313	ITIH6	0,027489644	0	0	0,142405844	0,130659466	0,150910112	0	0,060111801	0	0,511576866	0,056841874
ENSG00000171360	KRT38	0,064660064	0	0	0,446615275	0	0	0	0	0	0,51127534	0,056808371
ENSG00000129204	USP6	0,013408214	0,07137764	0	0,162071413	0	0	0,044532505	0,087959512	0,131922997	0,511272281	0,056808031
ENSG00000185038	MROH2A	0,079115482	0,140388482	0,097026213	0,13661517	0	0,057909451	0	0	0	0,511054797	0,056783866
ENSG00000131019	ULBP3	0	0	0,089353937	0,083874952	0,230869523	0,106660609	0	0	0	0,51075902	0,056751002
ENSG00000164867	NOS3	0,025478093	0	0	0	0	0,167840745	0,317325068	0	0	0,510643907	0,056738212
ENSG00000260220	CDC187	0	0	0	0,044880457	0	0	0,129484347	0	0,335636134	0,510000937	0,056666771
ENSG00000176787	OR52E2	0	0	0	0	0	0,508928149	0	0	0	0,508928149	0,056547572
ENSG00000183454	GRIN2A	0,01807759	0,01603912	0,016627593	0,296552489	0,128885348	0,009924068	0	0,022233105	0	0,508339313	0,056482146
ENSG00000204052	LRRC73	0	0	0	0	0,507945604	0	0	0	0	0,507945604	0,0564384
ENSG00000134438	RAX	0	0	0	0,070049658	0	0	0,437883038	0	0	0,507932695	0,056436966
ENSG00000015413	DPEP1	0	0	0,507818961	0	0	0	0	0	0	0,507818961	0,056424329
ENSG00000141934	PLPP2	0,043435059	0	0	0,412515769	0,051612179	0	0	0	0	0,507563007	0,05639589
ENSG00000171987	C11orf40	0	0	0	0	0	0,507371794	0	0	0	0,507371794	0,056374644
ENSG00000113645	WWC1	0,119976634	0,026611949	0,025896683	0	0	0,14942874	0	0,184444742	0	0,506358748	0,056262083
ENSG00000151572	ANO4	0	0,053660596	0	0,104436652	0,215599885	0	0	0,132253179	0	0,505950312	0,056216701
ENSG00000180083	WFDC11	0	0	0	0	0	0	0,505251632	0	0	0,505251632	0,05613907
ENSG00000172497	ACOT12	0,24640941	0	0	0,106373818	0	0	0	0	0,151525905	0,504309132	0,056034348
ENSG00000145248	SLC10A4	0,059235818	0	0,108969071	0	0,140775203	0,195112399	0	0	0	0,50409249	0,056010277
ENSG00000124203	ZNF831	0,403655984	0	0	0,067454108	0	0	0	0,032028698	0	0,50313879	0,05590431
ENSG00000165633	VSTM4	0,034918676	0	0	0	0	0,019169333	0,405912108	0,04294547	0,502945587	0,055882843	0,055882843
ENSG00000142149	HUNK	0,035187	0,062438468	0,032364664	0,334181479	0	0	0,038471832	0	0	0,502643443	0,055849271
ENSG00000140557	ST8SIA2	0	0	0	0,133812807	0,368325684	0	0	0	0	0,502138492	0,055793166
ENSG00000101951	PAGE4	0	0	0	0,133812807	0,368325684	0	0	0	0	0,502138492	0,055793166
ENSG00000170935	NCBP2L	0	0	0	0,502039393	0	0	0	0	0	0,502039393	0,055782155
ENSG00000178021	TSPVL6	0,148535948	0	0,182162581	0,170992775	0	0	0	0	0	0,501689104	0,055743478
ENSG00000101746	NOL4	0,345425957	0,047149991	0	0,04588271	0,063147097	0	0	0	0	0,501605756	0,055733973
ENSG00000177301	CKNA2	0,017390019	0,015429081	0,111966206	0,165158221	0,144647149	0,028639837	0,007219652	0	0,010693741	0,501143906	0,055682656
ENSG00000170484	KRT74	0,15171744	0	0	0,349310542	0	0	0	0	0	0,501027982	0,055669776
ENSG00000103599	IQCH	0,021217435	0	0,039031185	0	0	0	0,440432224	0	0	0,500680844	0,055631205
ENSG00000127472	PLAZG5	0,045215611	0	0,249533302	0,156154982	0	0,049644098	0	0	0	0,500547993	0,055616444
ENSG00000176571	CNBD1	0,058479323	0	0	0,100981027	0	0	0,33989641	0	0	0,499356761	0,055484085
ENSG00000188761	BCL2L15	0	0,029482353	0,030564057	0,229519494	0	0,127693682	0	0	0,081735689	0,498995275	0,055443919
ENSG00000127249	ATP13A4	0	0,059666667	0	0,31934632	0,119865668	0	0	0	0	0,498878655	0,055430962
ENSG00000127325	BEST3	0,022018151	0,039070669	0,121512501	0,190102706	0,052326613	0	0,073128563	0	0	0,498159203	0,055351023
ENSG00000177425	PAWR	0,039317581	0,023256028	0	0,339464408	0,031146361	0,043168407	0,021764151	0	0	0,498116936	0,055346326
ENSG00000090402	SI	0,024614851	0	0,045281007	0,127513426	0	0	0,269127356	0,030273094	0	0,496809733	0,055201081
ENSG00000112494	UNC93A	0	0	0	0,096857823	0,399908176	0	0	0	0	0,496765999	0,055196222
ENSG00000064309	CDON	0	0,303556981	0,026224538	0	0,135516054	0	0,031173072	0	0	0,496470645	0,055163405
ENSG00000181847	TIGIT	0	0,410740583	0,085678862	0	0	0	0	0	0	0,496419445	0,055157716
ENSG00000103175	WFDC1	0,017616061	0,031259268	0	0,425867294	0	0	0,021665484	0	0	0,496408106	0,055156456
ENSG00000173769	TOPAZ1	0,056659382	0	0,052114754	0,048919193	0,067326123	0	0,023522747	0,247794951	0	0,49633715	0,055148572
ENSG00000214643	DEFB133	0,496258032	0	0	0	0	0	0	0	0	0,496258032	0,055139781
ENSG00000198125	MB	0	0	0	0	0	0	0,234963169	0,261020396	0	0,495983565	0,055109285
ENSG00000145700	ANKRD31	0,048178087	0	0,132941224	0,083193041	0	0,211586898	0,020001647	0	0	0,495900898	0,0551001
ENSG000000095917	TPSD1	0	0	0	0,494507217	0	0	0	0	0	0,494507217	0,054945246
ENSG00000092850	TEKT2	0	0	0,399594142	0	0	0	0	0,094868056	0	0,494462198	0,054940244
ENSG00000133110	POSTN	0,248901013	0	0	0,047755303	0	0,151821538	0,045926183	0	0	0,494404037	0,054933782
ENSG00000164588	HCN1	0,01102514	0,019563841	0,020281636	0,019038011	0,026201484	0,01210496	0	0,385740047	0	0,493955118	0,054883902
ENSG00000127831	VIL1	0	0	0	0	0,467060387	0	0	0	0,026856434	0,493916821	0,054879647
ENSG00000175003	SLC22A1	0	0	0	0,114144783	0	0,072576805	0,144547055	0,162595383	0,493864026	0,054873781	0,054873781
ENSG00000118997	DNAH7	0,07785921	0,138159258	0,039062265	0,061111756	0	0,06217081	0,029385529	0,015477754	0,069641303	0,492867885	0,054763098
ENSG00000100170	SLCSA1	0	0,050497552	0	0,442262669	0	0	0	0	0	0,492760221	0,054751136
ENSG000000007174	DNAH9	0,133797211	0	0,065634874	0,184830866	0,042396263	0	0,007406312	0,058515064	0	0,49258059	0,054731177
ENSG00000100665	SERPINA4	0	0	0	0,262642149	0	0	0,063145612	0,166298222	0	0,492085983	0,05467622
ENSG00000163352	LENEP	0	0	0	0	0,491941839	0	0	0	0	0,491941839	0,054660204
ENSG00000185610	DBX2	0,107705325	0	0,198132644	0,185983588	0	0	0	0	0	0,491821557	0,05464684
ENSG00000282419	TEX13D	0	0	0	0,182386981	0	0,309246182	0	0	0	0,491633163	0,054625907
ENSG000000007216	SLC13A2	0	0	0,086168661	0,242654967	0,111319759	0,051429193	0	0	0	0,49157258	0,054619176
ENSG000000448540	LMO3	0	0,026808838	0,027792451	0,156529679	0,035904573	0,01658774	0,062722621	0,165184247	0	0,49153015	0,054614461
ENSG00000256797	KLRF2	0	0	0	0	0,491268868	0	0	0	0	0,491268868	0,05458543
ENSG00000183631	PRR32	0	0	0	0,206599346	0,28433693	0	0	0	0	0,490936276	0,054548475
ENSG00000198610	AKR1C4	0,157900283	0	0,145235161	0	0,18762672	0	0	0	0	0,490762164	0,054529129
ENSG00000187258	NPSR1	0	0,100277487	0	0,390329057	0	0	0	0	0	0,490606544	0,054511838
ENSG00000184389	A3GALT2	0	0	0	0	0	0,490597584	0	0	0	0,490597584	0,054510843
ENSG00000172782	AC087651.1	0	0	0	0,364816462	0,125521686	0	0	0	0	0,490338148	0,054482016
ENSG00000183287	CBCE1	0,022376806	0	0	0	0	0	0,440383697	0,027520587	0	0,49028109	0,054475677
ENSG00000074219	TEAD2	0,050708245	0	0	0,087562072	0,241018485	0	0,110884083	0	0	0,490172885	0,054463654
ENSG00000114771	AADAC	0	0	0,170330943	0,319773253	0	0	0	0	0	0,490104196	0,054456022
ENSG00000138411	HECW2	0,063827063	0,135911468	0,035224511	0,121236947	0	0,035039193	0,021198789	0,01395711	0,062799247	0,489194327	0,054354925
ENSG00000090932	DLL3	0	0	0,299008756	0	0,190119072	0	0	0	0	0,489127828	0,054347536
ENSG00000129654	FOXJ1	0	0,103649									

ENSG00000162761	LMX1A	0,072215326	0	0	0,374100322	0	0	0,029980963	0	0	0,476296612	0,052921846
ENSG00000153266	FEZF2	0	0	0	0,475941586	0	0	0	0	0	0,475941586	0,052882398
ENSG00000124818	OPN5	0	0	0	0,051324739	0,07063681	0	0,024679452	0	0	0,475637598	0,052848622
ENSG00000159899	NPR2	0	0	0	0	0	0	0	0,427470333	0,048084482	0,475554815	0,052839424
ENSG000000021461	CYP3A43	0,057303971	0	0	0	0,136184127	0	0	0	0,281905988	0,475394085	0,052821565
ENSG00000184343	SRPK3	0	0,395656408	0	0	0	0	0,079344645	0	0	0,475001053	0,052777895
ENSG0000000233041	PHGR1	0	0	0	0,277295403	0	0	0	0	0,197498961	0,474794364	0,052754929
ENSG0000000214376	VSTM5	0	0	0,04327212	0,474550486	0	0	0	0	0	0,474550486	0,052727832
ENSG000000184613	NELL2	0	0,08348132	0	0,121856308	0,167707445	0	0	0,057860063	0,474177256	0,052686362	
ENSG000000204051	PRAMEF15	0	0	0	0	0,385112646	0,088960095	0	0	0	0,474072741	0,052674749
ENSG000000091656	ZFHx4	0,161819194	0	0	0,016436849	0,067864732	0,219472259	0,007903643	0	0	0,473496677	0,052610742
ENSG000000218336	TENM3	0,075492375	0,022326561	0,04629144	0,217264758	0,059803088	0,013814369	0,027513286	0	0	0,472953033	0,052550337
ENSG000000169213	RAB3B	0,011823988	0,041962754	0,108755907	0,183757024	0,028099964	0,025964097	0,01963542	0,0517112	0	0,471710355	0,052412262
ENSG000000188959	C9orf152	0	0	0,471632336	0	0	0	0	0	0	0,471632336	0,052403593
ENSG000000108379	WNT3	0	0	0	0	0,084181327	0	0	0,387288523	0	0,47146985	0,052388539
ENSG000000204518	AADACL4	0,095943219	0	0	0,165673	0	0	0,209799725	0	0	0,471415945	0,052379549
ENSG000000254535	PABPC4L	0	0	0	0,471096243	0	0	0	0	0	0,471096243	0,052344027
ENSG000000118017	A4GNT	0	0	0,470886672	0	0	0	0	0	0	0,470886672	0,052320741
ENSG000000277745	H2AFB3	0	0	0,470355497	0	0	0	0	0	0	0,470355497	0,052261722
ENSG000000165509	MAGEC3	0	0	0	0,283317019	0	0	0,119592677	0,067262585	0,470172281	0,052241365	
ENSG000000167011	NAT16	0	0	0	0,470153107	0	0	0	0	0	0,470153107	0,052239234
ENSG000000151012	SLC7A11	0,031334488	0	0	0,243485202	0,07446709	0,120412031	0	0	0	0,469698811	0,052188757
ENSG000000089472	HEPH	0	0,037697455	0,078161141	0	0,100974987	0	0,01763958	0,235149543	0,469622707	0,052180301	
ENSG000000146809	ASB15	0,030763553	0,109178339	0,169776119	0,159365823	0	0	0	0	0	0,469083834	0,052120426
ENSG000000284862	CDC39	0	0,2526781	0,130974415	0	0,067681406	0	0	0,017512865	0,468846787	0,052094087	
ENSG000000164113	ADAD1	0	0	0	0,19335678	0	0	0	0,275430192	0,468786972	0,052087441	
ENSG000000159248	GJD2	0	0,091766598	0,190267008	0	0,122901281	0	0	0,063602506	0,468537393	0,05205971	
ENSG000000040731	CDH10	0	0	0,075950847	0	0,392478188	0	0	0	0	0,468429035	0,052047671
ENSG000000162814	SPATA17	0,023194255	0	0	0,120154248	0	0,305591239	0,019258685	0	0	0,468198426	0,052022047
ENSG000000181240	SLC25A41	0,091637702	0	0	0,158238311	0,217778983	0	0	0	0	0,467654996	0,051961666
ENSG000000176402	GJC3	0	0	0	0,467625403	0	0	0	0	0	0,467625403	0,051958378
ENSG000000173531	MST1	0	0	0	0,102649479	0,07063681	0,293704797	0	0	0	0,466991086	0,051887898
ENSG000000235118	FAM237A	0,46687097	0	0	0	0	0	0	0	0	0,46687097	0,051874552
ENSG000000184564	SLITRK6	0	0	0	0,466580196	0	0	0	0	0	0,466580196	0,051842244
ENSG000000182393	IFNL1	0	0	0	0	0,463377474	0	0	0	0	0,463377474	0,051486386
ENSG000000196972	SMIM10L2B	0	0	0	0,46314337	0	0	0	0	0	0,46314337	0,051460374
ENSG000000131183	SLC34A1	0	0	0	0	0,317171598	0	0,145919438	0	0	0,463081037	0,051454566
ENSG000000187045	TMPRSS6	0	0,126721172	0	0,061657603	0	0,274426757	0	0	0	0,462805532	0,051422837
ENSG000000144045	DOX1	0	0	0	0	0	0,347924664	0,114535379	0	0	0,462460043	0,051384449
ENSG000000146477	SLC22A3	0	0	0	0	0	0,461717746	0	0	0	0,461717746	0,051301972
ENSG000000133454	MYO18B	0,031137558	0	0	0,430142138	0	0	0	0	0	0,461279697	0,0512533
ENSG000000119125	GDA	0,03823648	0,135699393	0,175847735	0,068026056	0,045434912	0	0	0	0	0,461244576	0,051249397
ENSG0000000002746	HECW1	0,032531877	0,057727018	0,019948339	0,131076055	0,077312711	0	0,142275379	0	0	0,460871379	0,051207931
ENSG000000175984	DENND2C	0,06115361	0,108515581	0,037499002	0,035199646	0,145332878	0,02238103	0,050777148	0	0	0,460858895	0,051206544
ENSG000000186160	CYP4Z1	0,134201217	0	0	0	0,159466049	0	0,167145202	0	0	0,460812469	0,051201385
ENSG000000114378	HYAL1	0	0,173835981	0	0	0,232815262	0,053779766	0	0	0	0,460431009	0,051159001
ENSG000000279395	OR5L1	0,136135649	0	0	0	0,323529317	0	0	0	0	0,459664067	0,051073885
ENSG000000177108	ZDHHC22	0,039127543	0	0,14395655	0,135129453	0,092987453	0	0	0,048121834	0,459322833	0,05103587	
ENSG000000141431	ASXL3	0,011081737	0,039328542	0	0,382714835	0	0,0121671	0	0,013629108	0,458921323	0,050991258	
ENSG000000131203	IDO1	0,043322985	0	0	0,224428017	0	0,190264423	0	0	0	0,458015425	0,050890603
ENSG000000039537	C6	0	0,169745938	0	0,110122378	0,151558364	0	0,02647612	0	0	0,457902799	0,050878089
ENSG000000077279	DCX	0,029620812	0	0,136224688	0,128781692	0,0703945	0,01626096	0,012297396	0,064772041	0	0,457442089	0,050826899
ENSG000000181072	CHRM2	0,018157963	0,03222086	0,30062736	0,062709679	0,043152793	0	0	0	0	0,456868656	0,050763184
ENSG000000125731	SH2D3A	0	0	0	0,046670537	0,321156808	0,02967458	0,059101157	0	0	0,456603082	0,050733676
ENSG000000187223	LCE2D	0	0	0,456453365	0	0	0	0	0	0	0,456453365	0,050717041
ENSG000000283516	LITAFD	0,09287681	0	0	0,160377981	0	0	0,203094387	0	0	0,456349178	0,050705464
ENSG000000182938	OTOP3	0,060059845	0	0,110484936	0	0,285467045	0	0	0	0	0,456011826	0,050667981
ENSG000000188613	NANOS1	0	0,066751805	0,138401842	0,129915347	0,089399438	0	0,031234835	0	0	0,455703267	0,050633696
ENSG000000180432	CYP8B1	0	0,060378744	0	0,058755905	0	0,336229496	0	0	0	0,455364144	0,050596016
ENSG000000139223	ANP32D	0	0	0	0	0	0	0,261396525	0,193590127	0	0,454986652	0,050554072
ENSG000000178395	CDC185	0,073568924	0	0	0,381112426	0	0	0	0	0	0,454681351	0,05052015
ENSG000000168509	HJV	0	0,110894127	0	0	0,34307398	0	0	0	0	0,453968107	0,050440901
ENSG000000159184	H0XB13	0	0	0	0	0,310744917	0,047854219	0,095308499	0	0	0,453907635	0,050434182
ENSG000000120049	KCNIP2	0	0	0	0,307253429	0	0,146520969	0	0	0	0,453774398	0,050419378
ENSG000000236334	PPIAL4G	0	0	0,360451373	0	0,093132143	0	0	0	0	0,453583516	0,050398168
ENSG000000275023	MLLT6	0,124837873	0	0	0	0,161825404	0,049841705	0,047116159	0,069788405	0	0,453409546	0,050378838
ENSG000000269720	CDC194	0	0	0	0	0,453307587	0	0	0	0	0,453307587	0,050367851
ENSG000000163293	NIPAL1	0,025256656	0,224086579	0	0	0,120045978	0,083884561	0	0	0	0,453273773	0,050363753
ENSG000000118113	MMP8	0	0	0,161757404	0	0,104485756	0	0,03650577	0,096140404	0,054072308	0,452961642	0,050329071
ENSG000000132688	NES	0	0,385261494	0	0	0	0	0,06760255	0	0	0,452864044	0,050318227
ENSG000000109063	MYH3	0,022607805	0,080233992	0	0	0	0	0,300347892	0,04943665	0	0,452626339	0,050291815
ENSG00000011732	AICDA	0,048635523	0,172605085	0	0	0,231166748	0	0	0	0	0,452407356	0,050267484
ENSG000000088836	SLC4A11	0	0	0	0,300201305	0	0	0,152063768	0	0	0,452265073	0,050251675
ENSG000000077935	SMC1B	0,035530348	0	0,065360945	0	0	0,351092215	0	0	0	0,451983508	0,05022039
ENSG000000205420	KRT6A	0	0,091641148	0,19006903	0	0,170106538	0	0	0	0	0,451754589	0,050194954
ENSG000000259060	AL163195.3	0	0	0,450717631	0	0	0	0	0	0	0,450717631	0,050079737
ENSG000000182379	NXPH4	0	0	0	0,363926045	0	0	0,086400057	0	0	0,450326102	0,050036234
ENSG000000118526	TCF21	0	0	0	0,057335745	0,315638358	0,036455851	0	0,040836414	0	0,450266368	0,050029596
ENSG000000180777	ANKRD30B	0,025260878	0	0,17448009	0	0,249614709	0	0	0	0	0,449355677	0,049928409
ENSG000000106336	FBXO24	0	0,241641935	0	0	0,107875501	0,099675925	0	0	0	0,44919336	0,049910373
ENSG000000284373	TAF11L2	0	0,449149079	0	0	0	0	0	0	0	0,449149079	0,049905453
ENSG000000146374	RSP03	0	0	0	0	0,144893098	0	0	0,266640765	0,037491733	0,449025596	0,049891733
ENSG000000196460	RF8	0,092563902	0	0	0,159837657	0	0,038428892	0,101205074	0,056920834	0	0,448956359	0,04988404
ENSG000000132874	SLC14A2	0,055873755	0,148719911	0,051392143	0,19296356	0	0	0	0	0	0,448949369	0,049883263
ENSG000000188290	HES4	0</										

ENSG00000205858	LRRC72	0	0	0,200562842	0	0	0	0	0,238408779	0	0,438971621	0,048774625
ENSG00000189377	CXCL17	0	0	0	0,438915012	0	0	0	0	0	0,438915012	0,048768335
ENSG00000182533	CAV3	0,154509786	0	0,28423323	0	0	0	0	0	0	0,438743016	0,048749224
ENSG00000147642	SYBU	0,021498161	0	0	0,296981049	0,102181688	0	0,017850382	0	0	0,438511128	0,048723476
ENSG00000198822	GRM3	0,033775273	0,059933393	0	0,116645049	0,080267667	0	0	0,147713262	0	0,438334644	0,048703849
ENSG00000197385	ZNF860	0	0	0	0,399839066	0	0	0,038452446	0	0	0,438291512	0,048699057
ENSG00000164729	SLC35G3	0	0	0	0	0	0	0,438269623	0	0	0,438269623	0,048696625
ENSG00000165553	NCB	0	0,142325902	0	0	0	0	0	0,295933953	0	0,438259855	0,048695539
ENSG00000169340	PDILT	0	0	0	0	0	0,437374104	0	0	0	0,437374104	0,048597123
ENSG00000179695	OR6C2	0,143097131	0	0	0,123548757	0,170036715	0	0	0	0	0,436682603	0,048520289
ENSG00000188152	NUTM2G	0	0	0	0	0	0,042475826	0,224857226	0,169193327	0	0,436526379	0,048502931
ENSG00000169203	NPIP1B12	0,244233201	0	0	0	0	0,115881166	0,076295213	0	0	0,43640958	0,048489953
ENSG00000057488	MSH4	0,046211184	0,082000612	0	0	0	0	0,306961057	0	0	0,435172852	0,048352539
ENSG00000100867	DHRS2	0,079995008	0,354872949	0	0	0	0	0	0	0	0,434867957	0,048318662
ENSG00000164458	TBXT	0	0	0,297757674	0,136598533	0	0	0	0	0	0,434356206	0,048261801
ENSG00000234438	KBTBD13	0	0	0,266946318	0,16705184	0	0	0	0	0	0,433998158	0,048222018
ENSG00000162337	LRP5	0,048887276	0	0	0,084417656	0	0	0	0,300625238	0	0,43393017	0,048214463
ENSG00000172367	PDZD3	0	0	0,072636556	0	0	0	0,360641142	0	0	0,433277698	0,048141966
ENSG00000110975	SYT10	0,148672344	0	0	0,154034814	0	0,032646709	0,024689164	0,073139127	0	0,433182159	0,048131351
ENSG00000165066	NKX6-3	0	0	0	0,432727984	0	0	0	0	0	0,432727984	0,048080887
ENSG00000204979	MS4A13	0	0	0	0	0	0	0	0,432536514	0,432536514	0,432536514	0,048059613
ENSG00000106686	SPATA6L	0,020528538	0	0,07089661	0	0,315547898	0	0	0,025247456	0	0,432220502	0,0480245
ENSG00000198443	KRTAP4-1	0	0,432138598	0	0	0	0	0	0	0	0,432138598	0,0480154
ENSG00000258465	AL139011.2	0	0	0	0	0	0	0	0	0	0,431034869	0,047892763
ENSG00000062096	ARSF	0	0	0	0,118391549	0	0,227713851	0,084322379	0	0	0,430427779	0,047825309
ENSG00000104537	ANXA13	0	0	0,146266824	0,28343926	0	0	0	0	0	0,429706084	0,04774512
ENSG00000144820	ADGRG7	0	0,06814908	0,191910989	0,088040584	0	0	0,08100872	0	0	0,429109373	0,047678819
ENSG00000134138	MEIS2	0	0,123944717	0,0964907	0	0	0,02319873	0,030547709	0,051542902	0	0,428518544	0,047613172
ENSG00000149328	GLB1L2	0,083027786	0	0	0,345305329	0	0	0	0	0	0,428333115	0,047592568
ENSG00000189182	KRT77	0	0,271398786	0,066026056	0,090869823	0	0	0	0	0	0,428294665	0,047588296
ENSG00000004939	SLC4A1	0	0,05232039	0,305484848	0,070071716	0	0	0	0	0	0,427876954	0,047541884
ENSG00000172023	REG1B	0	0	0,349807172	0	0	0	0	0,077955756	0	0,427762928	0,047529214
ENSG00000099957	P2RX6	0	0	0,275829783	0,151846741	0	0	0	0	0	0,427676524	0,047519614
ENSG00000078898	BP1FB2	0,253541226	0	0	0	0	0,070173564	0,103941008	0	0	0,427676557	0,047517311
ENSG00000163053	SLC16A14	0	0,054367802	0,169087651	0,105813047	0,072813776	0	0,025440051	0	0	0,427522328	0,047502481
ENSG00000102891	MT4	0	0	0	0	0	0	0,426769837	0	0	0,426769837	0,0474118871
ENSG00000167822	OR8J3	0	0,070452444	0,073037336	0,283066901	0	0	0	0	0	0,426556681	0,047395187
ENSG00000278870	OR51G1	0,156429162	0	0	0,270119021	0	0	0	0	0	0,426548184	0,047394243
ENSG00000230873	STMND1	0,052432537	0	0,096453886	0,090539547	0,057567861	0	0,128970522	0,025964353	0	0,425964353	0,047329373
ENSG00000151067	CACNA1C	0,031641223	0,014036643	0	0,204890573	0,056397039	0,02605516	0,065680957	0,017297522	0,009728656	0,425727774	0,047303086
ENSG00000197416	FABP12	0	0	0	0,4256688	0	0	0	0	0	0,4256688	0,047296533
ENSG00000205838	TTC23L	0	0	0	0,179049617	0,246421003	0	0	0	0	0,42547062	0,047274513
ENSG000002050374	TRIM75P	0	0	0	0,425437459	0	0	0	0	0	0,425437459	0,047270829
ENSG00000154027	AK5	0	0,077185377	0,0800173	0,155059388	0	0,018058482	0,095116456	0	0	0,425437002	0,047270778
ENSG00000166923	GREM1	0	0	0,018801495	0,035297257	0,291471796	0,022443095	0,044698623	0,012569937	0	0,425282203	0,047253578
ENSG00000185985	SLITRK2	0,063593372	0	0,116985144	0,131747249	0,06045241	0,013964361	0,010560587	0,027812016	0	0,425142139	0,047238015
ENSG00000203412	OR5H15	0	0	0	0,424629739	0	0	0	0	0	0,424629739	0,047181082
ENSG00000118520	ARG1	0	0	0,424397098	0	0	0	0	0	0	0,424397098	0,047155233
ENSG00000168032	ENTPD3	0,041812554	0	0	0	0	0,381896417	0,023708971	0	0	0,423708971	0,047078775
ENSG00000132518	GUCY2D	0	0,066371782	0	0,088890481	0	0,186342077	0,081790735	0	0	0,423395075	0,047043897
ENSG00000131016	AKAP12	0,017220578	0,061114986	0,063357288	0,178417077	0,040925076	0,018907188	0	0	0	0,422838032	0,046982004
ENSG00000214872	SMTNL1	0,091637702	0,162608854	0,168574954	0	0	0	0	0	0	0,42282151	0,046980168
ENSG00000126337	KRT36	0,081024435	0	0,149050991	0	0,192556323	0	0	0	0	0,422631749	0,046959083
ENSG00000169903	TM4SF4	0	0	0	0,335623871	0	0	0	0,086844169	0	0,422468041	0,046940893
ENSG00000274443	C8orf89	0	0	0,422462157	0	0	0	0	0	0	0,422462157	0,04694024
ENSG00000165323	FAT3	0,007837685	0,05563112	0,014418055	0,054135887	0,018626429	0,00860532	0,006507797	0,188525946	0,067475397	0,421763637	0,046862626
ENSG000002058881	ACO07040.2	0	0	0,42170164	0	0	0	0	0	0	0,42170164	0,046855738
ENSG00000178690	DYNAP	0,141423089	0,125475901	0	0	0	0	0	0,154625441	0	0,421524431	0,046836048
ENSG00000179564	LSMEM2	0,421507868	0	0	0	0	0	0	0	0	0,421507868	0,046834208
ENSG00000105255	FSD1	0	0,086136203	0	0,335284259	0	0	0	0	0	0,421420462	0,046824496
ENSG00000165188	RNF183	0	0	0,214702393	0	0	0,206478879	0	0	0	0,421181271	0,046797919
ENSG00000083857	FAT1	0,028040559	0,016585761	0,051582872	0,258239599	0,066638995	0	0	0	0	0,421087786	0,046787532
ENSG00000126550	HTN1	0,079177663	0	0,341806359	0	0	0	0	0	0	0,420984023	0,046776003
ENSG00000166402	TUB	0	0	0	0	0	0	0,393257444	0,027647504	0	0,420904948	0,046767216
ENSG00000173080	RXFP4	0	0	0,420862862	0	0	0	0	0	0	0,420862862	0,04676254
ENSG00000203883	SOX18	0	0	0,420410808	0	0	0	0	0	0	0,420410808	0,046712312
ENSG00000086696	HSD17B2	0	0	0,058344023	0,191682739	0,150747211	0	0	0,019503256	0	0,420277229	0,04669747
ENSG00000115850	LCT	0,022965132	0	0	0,237934627	0,109154268	0	0,050218019	0	0	0,420272047	0,046696894
ENSG00000185873	TMPRSS11B	0,044733739	0	0,077245404	0	0	0,297147027	0	0	0	0,41912617	0,0466569574
ENSG00000166091	CMTM5	0,051928031	0,092145017	0,095525807	0,179336752	0	0	0	0	0	0,418935608	0,046548401
ENSG00000129151	BBOX1	0,061327342	0	0,211797869	0,145745756	0	0	0	0	0	0,418870967	0,046541219
ENSG00000084628	NKAIN1	0	0	0,418644727	0	0	0	0	0	0	0,418644727	0,046516081
ENSG00000133937	GSC	0	0,212137658	0	0,206435898	0	0	0	0	0	0,418573556	0,046508173
ENSG00000064195	DLX3	0,111315338	0	0,30716033	0	0	0	0	0	0	0,418475668	0,046497296
ENSG00000104313	EYA1	0,016210102	0,115057713	0	0,055982616	0,23114195	0	0	0	0	0,418392381	0,046488042
ENSG00000187510	C12orf74	0,046588738	0	0,241345745	0,110719144	0	0,019341812	0	0	0	0,417995438	0,046443938
ENSG00000171714	ANO5	0,020022601	0,071059229	0,034574662	0,047584145	0,21983646	0	0,024625218	0	0	0,417702316	0,046411368
ENSG00000281593	ACO06978.2	0	0	0,417387536	0	0	0	0	0	0	0,417387536	0,046376393
ENSG00000244122	UGT1A7	0,072527272	0	0	0,344725263	0	0	0	0	0	0,417255354	0,046361393
ENSG00000241484	ARHGAP8	0	0,053735872	0	0,156874734	0,143934887	0,025144355	0,037243792	0	0	0,41693364	0,04632596
ENSG00000164089	ETNPPL	0,051363212	0,18228552	0,094486777	0,088693057	0	0	0	0	0	0,416828567	0,046314285
ENSG00000122180	MYOG	0	0,177930989	0	0	0,23829963	0	0	0	0	0,416230619	0,046247847
ENSG00000139874	SSTR1	0	0	0,416069436	0	0	0	0	0	0	0,416069436	0,046229937
ENSG00000145107	TM4SF19	0	0,141201685	0	0,274813033	0	0	0	0	0	0,416014718	0,046223858
ENSG00000179709	NLRP8	0	0	0,331640791	0	0	0,083994552	0	0	0	0,415635433	0,04

ENSG00000169242	EFNA1	0	0	0	0	0	0	0,405677748	0	0	0,405677748	0,045075305
ENSG00000196620	UGT2B15	0,283243806	0	0	0,122275058	0	0	0	0	0	0,405518865	0,045057652
ENSG00000185982	DEFB128	0,405122173	0	0	0	0	0	0	0	0	0,405122173	0,045013575
ENSG00000164879	CA3	0,132611295	0	0	0,114495382	0,157576807	0	0	0	0	0,404683483	0,044964831
ENSG00000167759	KLK13	0	0	0	0,403455701	0	0	0	0	0	0,403455701	0,044828411
ENSG00000012504	NR1H4	0,041651205	0,073909041	0	0,287690159	0	0	0	0	0	0,403250405	0,044805601
ENSG00000186297	GABRA5	0	0,231200526	0,072341274	0,099561281	0	0	0	0	0	0,403103081	0,044789231
ENSG00000167524	RSKR	0	0	0	0,154028541	0,249061556	0	0	0	0	0,403090097	0,044787799
ENSG00000204595	DPRX	0	0	0,40267743	0	0	0	0	0	0	0,40267743	0,044741937
ENSG00000179270	PCARE	0,040124952	0,178001859	0,184532726	0	0	0	0	0	0	0,402659538	0,044739949
ENSG00000214944	ARHGEF28	0,019352061	0,017169879	0,01779984	0,100250358	0,18396237	0,031871149	0,008034215	0	0,023800541	0,402240413	0,044693379
ENSG00000112116	IL17F	0,141621903	0	0,260524929	0	0	0	0	0	0	0,402146832	0,044682981
ENSG00000148386	LCN9	0	0	0,2515657	0	0	0,150145318	0	0	0	0,401711019	0,044634558
ENSG00000159261	CLDN14	0	0	0,096353587	0	0	0	0,304434081	0	0	0,400787668	0,044531963
ENSG00000285602	AC097625.2	0	0	0,151653082	0	0	0	0,068450809	0,180269813	0	0,400373703	0,044485967
ENSG00000170075	GPR37L1	0,04628904	0	0,085152427	0,159862138	0,055003453	0,02541133	0	0,028464776	0,400183164	0,044464796	
ENSG00000181577	C6orf223	0	0	0	0,257847814	0,119124449	0,022522048	0	0	0	0,399494311	0,044388257
ENSG00000143061	IGSF3	0	0	0,075129756	0	0,022420348	0,033910901	0,26791992	0	0,398567909	0,399380925	0,044375658
ENSG00000002745	WNT16	0	0	0	0	0	0	0	0,398567909	0,398567909	0,044285323	0,044231185
ENSG000000227059	ANH4	0	0	0,302358024	0	0	0	0,095722644	0	0,122187063	0,397829778	0,044203309
ENSG00000188324	OR6C6	0,099349488	0,176293228	0	0	0	0	0	0	0,397790508	0,044198945	0,044104293
ENSG00000189023	MAGEB16	0	0,135016113	0,262774395	0	0	0	0	0	0,39693864	0,044104293	0,044104293
ENSG00000181961	OR4A16	0,139787762	0	0,257150878	0	0	0	0	0	0,39693864	0,044104293	0,044104293
ENSG00000182613	OR2V2	0	0	0	0,327739135	0	0	0,069171984	0	0	0,39693864	0,044104293
ENSG00000197977	ELOVL2	0	0	0,069704137	0,327150169	0	0	0	0	0,396854306	0,044094923	0,044094923
ENSG00000101276	SLC52A3	0	0	0,294470444	0,069103542	0	0	0,033228372	0	0	0,396802358	0,044089151
ENSG00000112706	IMP1	0,158980085	0	0	0,188909807	0	0	0	0,048881253	0,396771144	0,044085683	0,044085683
ENSG00000108018	SORCS1	0,04549696	0,10764432	0,027898444	0,144166015	0,033302003	0,037777097	0	0	0,396284838	0,044031649	0,044031649
ENSG00000135773	CAPN9	0,116552696	0	0,107204049	0,100630534	0	0	0	0,071672396	0,396059675	0,044006631	0,044006631
ENSG000002040403	KIR3DL2	0	0	0	0	0	0	0,396050127	0,396050127	0,04400557	0,04400557	0,04400557
ENSG00000129221	AIRP1	0	0	0,069756612	0,065479291	0,083267542	0,094456963	0,08291959	0	0,395879998	0,043986666	0,043986666
ENSG00000170289	CNGB3	0	0	0	0,051927358	0,071466178	0,198102181	0	0,073968765	0,395464482	0,043940498	0,043940498
ENSG00000163431	LMOD1	0	0	0,263105596	0,090526227	0,041822681	0	0	0	0,395454504	0,043939389	0,043939389
ENSG00000183715	OPCML	0,019927545	0	0,240873641	0,047358241	0	0	0,087151409	0	0,395310836	0,043923426	0,043923426
ENSG00000179399	GPC5	0,085615054	0,151921813	0,157495807	0	0	0	0	0,395032674	0,395032674	0,043892519	0,043892519
ENSG00000167191	GPCR5B	0,295226543	0,080595732	0	0	0	0,018856377	0	0	0,394678652	0,043853184	0,043853184
ENSG00000113211	PCDH8B6	0	0,082101041	0	0	0,109956382	0	0,202348174	0	0,394405596	0,043822844	0,043822844
ENSG00000124749	COL21A1	0,065586185	0,232762153	0	0	0,096013065	0	0	0,394361403	0,394361403	0,043817934	0,043817934
ENSG00000141449	GREB1L	0,042880412	0	0,026293993	0,098726816	0,033968742	0,062773582	0,023736347	0,105474757	0,39385465	0,043761628	0,043761628
ENSG00000184368	MAP7D2	0	0	0,191007855	0,164506433	0,038000059	0	0	0	0,393514878	0,043723875	0,043723875
ENSG000000089225	TBX5	0,034634557	0	0	0,358837921	0	0	0	0	0,393472477	0,043719164	0,043719164
ENSG00000187583	PLEKHN1	0	0	0	0,276316599	0	0	0,116637687	0	0,392954286	0,043661587	0,043661587
ENSG00000169507	SLC38A11	0,027217322	0	0	0,093996749	0	0	0,271189478	0	0,392403549	0,043600394	0,043600394
ENSG00000167880	EVPL	0	0	0,034745003	0,047818581	0,30928736	0	0	0	0,391850944	0,043538994	0,043538994
ENSG00000184276	DEFB108B	0	0	0,391794256	0	0	0	0	0	0,391794256	0,043532695	0,043532695
ENSG00000255359	CCDC179	0	0	0	0,391622184	0	0	0	0	0,391622184	0,043513576	0,043513576
ENSG00000181518	OR8D4	0,142781642	0,084454173	0	0,164368488	0	0	0	0	0,391604303	0,043511589	0,043511589
ENSG00000264324	AC006030.1	0,358435827	0	0	0	0,032795133	0	0	0	0,39123096	0,043470107	0,043470107
ENSG00000135697	BCO1	0	0,099718111	0	0,291113769	0	0	0	0	0,390831879	0,043425764	0,043425764
ENSG00000174460	ZCCHC12	0,137560829	0	0,253054255	0	0	0	0	0	0,390615084	0,043401676	0,043401676
ENSG00000171094	ALK	0,02047014	0	0,037656475	0,21208478	0,09729546	0,022475017	0	0	0,389981872	0,043331319	0,043331319
ENSG00000164675	IQBUB	0,074316674	0	0,256657352	0,058871728	0	0	0	0	0,389845754	0,043316195	0,043316195
ENSG00000196767	POU3F4	0,039076951	0	0,071885208	0,278601662	0	0	0	0	0,389563821	0,043284869	0,043284869
ENSG00000167483	FAM129C	0,021855277	0,116330586	0,075469262	0,103866245	0,071978558	0	0	0	0,389497228	0,04327747	0,04327747
ENSG00000148468	FAM171A1	0,072267131	0	0,066470612	0,171744401	0	0,079013526	0	0,38949567	0,043277297	0,043277297	
ENSG000000018625	ATP1A2	0,167953953	0	0,044137837	0,041431403	0,057020886	0,01992225	0,059017632	0,389483961	0,043275996	0,043275996	
ENSG00000143552	NUP210L	0,051319603	0,045532688	0	0,088617753	0	0,140864813	0	0,063116496	0,389451353	0,043272373	0,043272373
ENSG00000273274	ZBTB8B	0,047107964	0,020897981	0,086658904	0,142354051	0,027988274	0,012930448	0,051505661	0	0,389443282	0,043271476	0,043271476
ENSG00000147676	MAL2	0	0,161710354	0,22769195	0	0	0	0	0	0,389402304	0,043266923	0,043266923
ENSG00000178404	CEP295NL	0	0	0	0	0	0,119809488	0,269538103	0,389347591	0,043260843	0,043260843	0,043260843
ENSG00000137440	FGFBP1	0	0,197308315	0	0,192005132	0	0	0	0,389313447	0,04325705	0,04325705	0,04325705
ENSG00000159387	IRX6	0	0,081782906	0,307072639	0	0	0	0	0,388855545	0,043206172	0,043206172	0,043206172
ENSG00000188038	NRN1L	0	0	0	0	0	0,388854335	0	0	0,388854335	0,043206037	0,043206037
ENSG00000169035	KLK7	0	0	0,106591084	0,146698342	0,135547857	0	0	0,388837284	0,043204143	0,043204143	0,043204143
ENSG00000120659	TNFSF11	0	0,101675237	0,286322211	0	0	0	0	0,387997448	0,043110828	0,043110828	0,043110828
ENSG00000127928	GNAT1	0	0,235476577	0	0,152103999	0	0	0	0,387580576	0,043064508	0,043064508	0,043064508
ENSG00000148942	SLCSA12	0	0	0,275720486	0	0	0,087289544	0,024547157	0,387557186	0,04306191	0,04306191	0,04306191
ENSG00000109832	DDX25	0,054770051	0	0,050376966	0,189151848	0,032540553	0,059883031	0	0,38672245	0,042969161	0,042969161	0,042969161
ENSG00000115221	ITGB6	0	0	0,144155626	0,1804421763	0,062077363	0	0	0,386654752	0,042961639	0,042961639	0,042961639
ENSG00000178860	MSC	0	0,26311415	0,123490286	0	0	0	0	0,386604436	0,042956048	0,042956048	0,042956048
ENSG00000254827	SLC22A18AS	0	0	0	0	0,281639354	0	0,104290978	0,385930331	0,042881148	0,042881148	0,042881148
ENSG00000138347	MYPN	0,021403764	0,037980453	0,258717397	0	0,023500082	0,017772002	0,02632387	0,385697567	0,042855285	0,042855285	0,042855285
ENSG00000132746	ALDH3B2	0	0,085928933	0,222020119	0	0,07757053	0	0,046243729	0,02600889	0,385519582	0,042835508	0,042835508
ENSG00000130702	LAMA5	0,010573828	0,037525995	0,01945141	0,02512893	0,220579453	0	0,046243729	0,02600889	0,385512235	0,042834693	0,042834693
ENSG00000171195	MUC7	0	0,198699142	0,18651535	0	0	0	0	0,385214491	0,04280161	0,04280161	0,04280161
ENSG00000170790	OR10A2	0,028035356	0,099496104	0	0,199879894	0	0,023278355	0,034479874	0,385169583	0,04279662	0,04279662	0,04279662
ENSG00000099866	MADCAM1	0	0,101109351	0	0	0,283869529	0	0	0,384978881	0,042775431	0,042775431	0,042775431
ENSG00000137634	NXPE4	0,069861568	0	0,257031992	0	0,058007551	0	0	0,38490111	0,04276679	0,04276679	0,04276679
ENSG00000172986	GXYLT2	0,041208228	0	0,075805863								

ENSG00000167910	CYP7A1	0	0,27960584	0,096621515	0	0	0	0	0	0,376227355	0,041803039
ENSG00000143006	DMRTB1	0	0,109894262	0,11392627	0	0	0	0	0	0,376153747	0,041794861
ENSG00000164488	DACT2	0	0,126303344	0,0654687	0,184362912	0	0	0	0	0,376134956	0,041792773
ENSG00000110723	EXPH5	0	0,147007675	0,101600913	0,09537097	0	0,015159958	0	0	0,01698159	0,376121107
ENSG00000176381	PRR18	0	0	0,088275674	0	0,228083545	0	0	0	0,059017632	0,37576852
ENSG00000157890	MEGF11	0	0	0,056569007	0,318601923	0	0	0	0	0,375170929	0,041685659
ENSG00000185737	NRG3	0	0	0,053540081	0,050257121	0,207502432	0	0	0,063643021	0,374942656	0,041660295
ENSG00000268173	AC007192.1	0	0,052147413	0	0	0	0,322657675	0	0	0,374805089	0,04164501
ENSG00000188800	TMC02	0	0,178617696	0	0	0	0,196111793	0	0	0,374729489	0,04163661
ENSG00000065609	SNAP91	0	0,040316043	0,334361869	0	0	0	0	0	0,374677912	0,041630879
ENSG00000231924	PSG1	0	0	0	0	0	0	0	0	0,374615042	0,041623894
ENSG00000104936	DMPK	0,026022141	0	0	0,224672787	0,123684361	0	0	0	0,374379289	0,041597699
ENSG00000155592	STMN4	0,183497961	0,081403157	0	0	0,109021719	0	0	0	0,373922837	0,041546982
ENSG00000125903	DEFB129	0	0	0	0,373832342	0	0	0	0	0,373832342	0,041536927
ENSG00000123364	HOXC13	0	0	0	0,221412791	0,152362131	0	0	0	0,373774922	0,041530547
ENSG00000170577	SIX2	0	0,121551224	0,252021849	0	0	0	0	0	0,373573073	0,041508119
ENSG00000186943	OR13C8	0	0	0	0	0,372915413	0	0	0	0,372915413	0,041435046
ENSG00000163879	DNALI1	0	0	0,062383326	0,117116236	0,080591908	0	0,11263046	0	0,37272193	0,041413548
ENSG00000176641	RNF152	0	0,052509938	0	0,204394379	0,070325574	0,032490077	0,012285355	0	0,372005323	0,041333925
ENSG00000106511	MEOX2	0	0	0	0,220105419	0,151462481	0	0	0	0,3715679	0,041285322
ENSG00000085741	WNT11	0	0	0	0,220105419	0,151462481	0	0	0	0,3715679	0,041285322
ENSG00000185615	PDIA2	0	0	0,370969883	0	0	0	0	0	0,370969883	0,041218876
ENSG00000138075	ABCG5	0,081242242	0,144162366	0,074725833	0,07014381	0	0	0	0	0,370274251	0,041141583
ENSG00000254979	AP000781.2	0	0	0	0	0	0,148002299	0,055963574	0	0,165786371	0,041083583
ENSG00000100351	GRAP2	0,073236141	0	0	0,210771385	0,058015758	0,026803001	0	0	0,368826285	0,040980698
ENSG00000137561	TTPA	0	0	0	0,218447028	0,150321282	0	0	0	0,36876831	0,040974257
ENSG00000177669	MBOAT4	0	0	0	0	0	0	0	0,3687431	0,3687431	0,040971456
ENSG00000177453	NIM1K	0	0,074092843	0	0	0,099231153	0	0,10400967	0,09130549	0,368639156	0,040959906
ENSG00000139865	TTC6	0,018073265	0,032070566	0,099741693	0,218460091	0	0	0	0	0,368345615	0,040927291
ENSG00000213401	MAGEA12	0,076901054	0	0,132791336	0	0	0	0,063852586	0,094578383	0,368123359	0,040902595
ENSG00000183313	OR52L1	0,138126664	0	0	0	0	0	0,229379035	0	0,367505699	0,040833967
ENSG00000105523	FAM83E	0	0	0	0	0	0	0	0	0,367430847	0,04082565
ENSG00000240972	MIF	0	0,367317808	0	0	0	0	0	0	0,367317808	0,04081309
ENSG00000148377	ID12	0	0	0	0	0	0,367058798	0	0	0,367058798	0,040784311
ENSG00000250254	PTTG2	0	0,366815322	0	0	0	0	0	0	0,366815322	0,040757258
ENSG00000113578	FGF1	0	0	0,366776069	0	0	0	0	0	0,366776069	0,040752897
ENSG00000136297	MMD2	0	0	0	0	0,291255103	0	0	0	0,075363553	0,366618657
ENSG000000027644	INSRR	0	0	0,053457711	0,150539408	0,138122132	0	0,02412891	0	0,366248161	0,04069424
ENSG00000109684	CLNK	0	0	0,136510116	0,170852823	0,058784996	0	0	0	0,366147935	0,040683104
ENSG00000165238	WNK2	0,057247526	0,040633732	0	0,05931239	0	0	0,180628603	0	0,028162831	0,365985083
ENSG00000178084	HT3C	0	0	0	0,153762507	0,211619059	0	0	0	0,365381566	0,040597952
ENSG00000142279	WTIP	0,011003464	0	0,080967043	0,095002903	0,052299941	0,01208116	0,045682055	0	0,067664211	0,040522309
ENSG00000180347	ITPRD1	0	0,074011041	0,038363249	0,252076293	0	0	0	0	0,364450583	0,040494509
ENSG00000184261	KCNK12	0	0	0,124747988	0	0,214879606	0,024818336	0	0	0,36444593	0,040493992
ENSG00000174015	SPERT	0	0	0,123315205	0,169715285	0	0	0	0	0,364443803	0,040493756
ENSG00000124302	CHST8	0,049479558	0	0,27306493	0	0	0	0,041083933	0	0,363628422	0,040403158
ENSG00000265817	FSBP	0,019303854	0	0,035510999	0,100000629	0	0	0,208369228	0	0,36318471	0,040353857
ENSG00000101977	MCF2	0,059751115	0	0,054958501	0	0	0	0,248063132	0	0,362772748	0,040308083
ENSG00000269855	RNF225	0	0	0	0	0,362744992	0	0	0	0,362744992	0,040304999
ENSG00000186119	OR5D18	0	0	0	0	0,362378953	0	0	0	0,362378953	0,040264328
ENSG00000198128	OR2L3	0	0	0,094906145	0,267260131	0	0	0	0	0,362166276	0,040240697
ENSG00000137573	SULF1	0,032247241	0,085832907	0,059321404	0,16705184	0	0,017702793	0	0	0,362156185	0,040239576
ENSG00000120669	SOHLH2	0	0	0,16531674	0	0	0	0	0,196511786	0,361828526	0,04020317
ENSG00000074211	PPP2R2C	0	0,028629297	0	0,139299047	0,153370721	0	0,040189088	0	0,361488153	0,04016535
ENSG00000185594	SPATA8	0	0	0,186438698	0,17500669	0	0	0	0	0,361445388	0,040160599
ENSG00000159961	OR3A3	0,039640758	0	0,145844753	0	0,09420712	0	0,032914568	0,048753023	0,361360222	0,040151136
ENSG00000236279	CLEC2L	0	0,167962843	0	0	0,19335678	0	0	0	0,361319623	0,040146625
ENSG00000172572	PDE3A	0	0	0,03310075	0,093213256	0,08552454	0	0,149405015	0	0,361243561	0,040138173
ENSG00000077009	NMRK2	0	0,132436959	0	0,228689724	0	0	0	0	0,361126683	0,040125187
ENSG00000216588	IGSF23	0	0,106867447	0	0	0,253972802	0	0	0	0,36084025	0,040093361
ENSG00000175946	KLHL38	0	0,135288597	0	0,131652359	0	0	0	0	0,360708122	0,04007868
ENSG00000197838	CYP2A13	0	0,154193215	0	0	0,206508075	0	0	0	0,36070129	0,040077921
ENSG00000197410	DCHS2	0,022190597	0	0	0,242682682	0,052736435	0,024363979	0,018425327	0	0,36039902	0,040044336
ENSG00000237289	CKMT1B	0,130643145	0,154548703	0	0,075197399	0	0	0	0	0,360389247	0,04004325
ENSG00000105048	TNNT1	0	0	0	0,12314062	0	0	0,236848196	0	0,359988817	0,039998757
ENSG00000274808	TBC1D3B	0	0	0	0,183498576	0	0	0,176470228	0	0,359968804	0,039996534
ENSG00000205089	CNC12	0	0,084801392	0,087912745	0,08252213	0	0	0,104501761	0	0,359738027	0,039970892
ENSG00000183873	SCN5A	0,211195766	0	0	0	0,071701616	0,033125801	0,025051479	0,018553112	0,359627774	0,039958642
ENSG00000157219	HTR5A	0	0	0,21296468	0,146548681	0	0	0	0	0,359513361	0,039945929
ENSG00000159753	CARMIL2	0	0	0,036432516	0,27358844	0	0	0,049333027	0	0,359353983	0,03992822
ENSG00000197403	OR6N1	0	0	0,095650651	0,263282656	0	0	0	0	0,358933306	0,039881478
ENSG00000179869	ABCA13	0,05545342	0,028114495	0,029146013	0,054717688	0,037653215	0,017395604	0	0,136401117	0,358881554	0,039875728
ENSG00000105290	APLP1	0	0	0,076033944	0,214115132	0	0	0,068638037	0	0,358787113	0,039865235
ENSG00000188257	PLA2G2A	0,358719456	0	0	0	0	0	0	0	0,358719456	0,039857717
ENSG00000082684	SEMA5B	0,035484459	0	0,032638265	0,275732626	0	0	0,014731752	0	0,358587102	0,039843011
ENSG00000145920	CPLX2	0,021525722	0	0,039598305	0,297361794	0	0	0	0	0,358485821	0,039831758
ENSG00000124191	TOX2	0	0	0,085928933	0,161319222	0,111010059	0	0	0	0,358258915	0,039806546
ENSG00000041982	TNC	0,015676997	0,055636892	0	0,108283006	0	0	0,143186394	0,034281001	0,35706429	0,03967381
ENSG00000268533	AC003002.2	0	0	0	0	0	0	0,356711175	0	0,356711175	0,039634575
ENSG00000145242	EPHA5	0,06147079	0	0,028270121	0	0,18260833	0,012760127	0,033604654	0,037800574	0,356511458	0,039612733
ENSG00000110148	CKBR	0,292283502	0	0	0	0,064182041	0	0	0	0,356465544	0,039602783
ENSG00000172020	GAP43	0	0,07240564	0	0,125028737	0	0,158994324	0	0	0,356428701	0,039603189
ENSG00000198704	GPX6	0	0	0	0	0,355914314	0	0	0	0,355914314	0,039546035
ENSG00000214414	TRIM77	0	0,111685566	0	0	0	0	0,244223627	0	0,355909193	0,039545466
ENSG00000167771	RCOR2	0,099121398	0	0	0,25674153	0	0	0	0	0,355862927	0,039540325
ENSG00000183709	TMPRSS7	0	0,099088899	0	0	0,256657352	0	0	0	0,355746251	0,039527361
ENSG00000130287	NCAN	0	0,038748844	0	0,113122099	0,155686796	0	0,04775066	0	0,355308399	0,039478711
ENSG00000154556	SORBS2	0,061638249	0,01562508	0,06479345	0,015205115	0,020926376	0,01933577	0,038509943	0,119125444	0,355159428	0,039462159
ENSG00000198064	NIPB13	0	0	0,267185793	0	0	0,063787227	0,024119633	0	0,355092653	0,039454739
ENSG00000188760	TMEM198	0	0	0	0	0</					

ENSG000000063515	GSC2	0	0	0	0	0,347645249	0	0	0	0	0,347645249	0,03862725
ENSG00000146221	TCTE1	0	0,3475593	0	0	0	0	0	0	0	0,3475593	0,0386177
ENSG00000153165	RGP03	0,025972941	0	0	0,089699201	0	0	0,086263549	0,113590432	0,031943369	0,347469492	0,038607721
ENSG00000145626	UGT3A1	0,035618284	0	0	0,184515009	0,126971435	0	0	0	0	0,347104728	0,038567192
ENSG00000163736	PPBP	0,346849053	0	0	0	0	0	0	0	0	0,346849053	0,038538784
ENSG00000141316	SPACA3	0	0,214170927	0	0	0	0,132516435	0	0	0	0,346687362	0,038520818
ENSG00000198650	TAT	0,028145012	0	0	0	0	0	0,186955235	0,0615449	0,069229474	0,345874621	0,038430513
ENSG00000136546	SCN7A	0,01552559	0	0,028560577	0,214474447	0	0	0	0,067899839	0,019094475	0,345554929	0,038394992
ENSG00000176435	CLEC14A	0	0	0	0,345304333	0	0	0	0	0	0,345304333	0,038367148
ENSG00000112599	GUCA1B	0	0	0	0,344847984	0	0	0	0	0	0,344847984	0,038316443
ENSG00000204010	IFIT1B	0,076628078	0	0,140963539	0	0	0	0	0,127251858	0	0,344843475	0,038315942
ENSG00000221937	TAS2R40	0	0	0	0	0,344312121	0	0	0	0	0,344312121	0,0382556902
ENSG00000152402	GUCY1A2	0,009236023	0,032778192	0,03398082	0,207331744	0	0,010140613	0,007668867	0,020196477	0,022718235	0,344050972	0,038227886
ENSG00000175121	WFDG5	0	0	0	0	0,34398232	0	0	0	0	0,34398232	0,038220258
ENSG00000171509	RXFP1	0	0	0	0,229534636	0,063180426	0,029189053	0,022074302	0	0	0,343978417	0,038219824
ENSG00000101981	F9	0,275605522	0	0	0,067987226	0	0	0	0	0	0,343592749	0,038176972
ENSG00000164651	SP8	0,121928917	0,072119957	0,14953206	0	0	0	0	0	0	0,343580933	0,038175659
ENSG00000204442	FAM155A	0,053314326	0,063069975	0,032692003	0,122749606	0,042234216	0	0,029512015	0	0	0,343572141	0,038174682
ENSG00000244362	KRTAP19-7	0,343433115	0	0	0	0	0	0	0	0	0,343433115	0,038159235
ENSG00000134533	RERG	0	0,064503729	0	0,188310061	0	0	0,090548712	0	0	0,343362502	0,038151389
ENSG00000204065	TCEAL5	0	0	0	0	0,34332461	0	0	0	0	0,34332461	0,038147179
ENSG00000163032	VSNL1	0,078847154	0,06995617	0	0,068075913	0,093690984	0	0,032734237	0	0	0,343304459	0,03814494
ENSG00000101938	CHRD1	0,038548615	0	0,212739872	0	0,091611618	0	0	0	0	0,342900105	0,038100012
ENSG000000075461	CACNG4	0,042174315	0	0	0	0,300684518	0	0	0	0	0,342858833	0,038095426
ENSG00000188000	OR7D2	0	0	0,241023207	0	0	0,047951034	0	0	0,053712868	0,342687109	0,038076345
ENSG00000173805	HAP1	0,048565184	0	0	0,041930737	0,115416212	0,026660867	0,020162354	0	0,089593374	0,342328728	0,038036525
ENSG00000117501	MROH9	0	0	0	0,068111453	0,187479792	0,086614762	0	0	0	0,342206007	0,03802289
ENSG00000242732	RTL5	0	0	0	0,273001647	0	0	0	0,069143036	0	0,342144683	0,038016076
ENSG00000215910	C1orf167	0,023251357	0	0,299409246	0	0	0	0,019306098	0	0	0,341966702	0,0379963
ENSG00000162843	WDR64	0,030595378	0	0	0	0,072710578	0,067183874	0	0,133806263	0,037628371	0,341924463	0,037991607
ENSG00000259522	AL136295.4	0	0	0	0	0	0,038131597	0	0,303778044	0	0,341909641	0,03798996
ENSG00000215018	CTC28A1	0,068489456	0,040510953	0	0,157688457	0	0,075197421	0	0	0	0,341886288	0,037987365
ENSG00000183571	PGPEP1L	0	0	0,341708788	0	0	0	0	0	0	0,341708788	0,037967643
ENSG00000158856	DMTN	0	0	0	0,116671127	0	0	0,224404797	0	0	0,341075923	0,037897323
ENSG00000132437	DDC	0	0,086946174	0	0,253827796	0	0	0	0	0	0,34077397	0,037863774
ENSG00000197415	VEPH1	0	0,040981507	0,084970227	0,159520082	0,054885762	0	0	0	0	0,340357579	0,037817509
ENSG00000189051	RNF222	0	0	0	0,339980423	0	0	0	0	0	0,339980423	0,037775603
ENSG00000168646	AXIN2	0	0	0	0,149761799	0	0,126964283	0	0,063216868	0	0,33994295	0,037771439
ENSG00000162039	MEIOB	0	0	0	0,33990661	0	0	0	0	0	0,33990661	0,037767401
ENSG00000122592	HOXA7	0	0	0,230593197	0,108226866	0	0	0	0	0	0,338820063	0,037646674
ENSG00000166257	SCN3B	0,031933764	0	0	0,192999242	0,113836922	0	0	0	0	0,338769927	0,037641103
ENSG00000149970	CNKSR2	0,009484423	0,025244814	0	0,049132586	0,033809905	0,015620013	0,031500476	0,010369828	0,163304648	0,338466694	0,03760741
ENSG00000143127	ITGA10	0,096834714	0,042957706	0	0,083606208	0,115064897	0	0	0	0	0,338463524	0,037607058
ENSG00000082556	OPRK1	0,052670119	0	0	0,136424699	0,062585839	0,086743069	0	0	0	0,338423726	0,037602636
ENSG00000151320	AKAP6	0,030641908	0,013593329	0	0,06613986	0,072821158	0,050464537	0	0,06700488	0,037685597	0,33835127	0,037594586
ENSG00000178184	PARD6G	0,036047369	0,127930344	0	0	0,085667353	0	0	0	0,088667234	0,338312299	0,037590255
ENSG00000135902	CHRNA	0,048247309	0,171227331	0	0	0	0	0	0	0,11867594	0,33815058	0,037572287
ENSG00000162825	NBPF20	0,015910563	0	0,029268765	0	0,037811797	0,011547644	0	0,121771096	0,019567941	0,337877807	0,037541979
ENSG00000185532	PRKG1	0,035322714	0,020893096	0	0,081326157	0,027981732	0,012927425	0	0	0,159288744	0,337739869	0,037526652
ENSG00000154319	FAM167A	0	0,053107942	0,110112933	0,103361052	0,071126469	0	0	0	0	0,337708396	0,037523155
ENSG00000136697	ILF10	0	0	0,174063932	0,163390717	0	0	0	0	0	0,337454648	0,037494961
ENSG00000151005	TKTL2	0	0,202066315	0	0	0,135311809	0	0	0	0	0,337378125	0,037486458
ENSG00000204071	TCEAL6	0	0	0,202167345	0	0	0	0	0,135161107	0	0,337328452	0,037480939
ENSG00000187288	CIDEA	0	0	0,144330269	0	0	0	0	0,192987043	0	0,337317312	0,037479701
ENSG00000160182	TFP1	0	0	0	0	0	0,337216619	0	0	0	0,337216619	0,037468513
ENSG00000132704	FCRL2	0,059751115	0	0	0,20635427	0,07099991	0	0	0	0	0,337105295	0,037456144
ENSG00000169247	SH3TC2	0,059786576	0,017681635	0	0,137651157	0,023680682	0,010940361	0	0,087157156	0	0,336897567	0,037433063
ENSG00000178662	CSRNFP3	0,036078927	0,04268078	0	0,228434916	0	0	0	0,029581619	0	0,336776242	0,037419582
ENSG00000283267	FAM237B	0,03897616	0	0	0,201909962	0	0	0	0,095871304	0	0,336757426	0,037417492
ENSG00000267795	SMIM22	0	0	0	0,148090224	0	0,188320745	0	0	0	0,336410969	0,037378997
ENSG00000171798	KND1C	0	0,065296968	0,033846353	0,063541194	0	0	0,01527704	0	0,158398351	0,336360652	0,037373406
ENSG00000168878	SFTPB	0,036766562	0,195724088	0	0,063487828	0	0,040367537	0	0	0	0,336346015	0,037371779
ENSG00000187556	NANOS3	0	0	0	0	0	0,33585137	0	0	0	0,33585137	0,037316819
ENSG00000134376	CRB1	0,083151796	0	0,043704127	0,06153643	0,056460584	0,013042259	0	0,077926555	0	0,33582175	0,037313528
ENSG00000138759	FRAS1	0,023602422	0,069803197	0,028945707	0,176610333	0	0,017276053	0	0	0,019351957	0,335589669	0,037287741
ENSG00000104290	FZD3	0,010961161	0	0,020163942	0,154102627	0	0	0,009101286	0,143813101	0	0,335459757	0,037273306
ENSG00000178997	EXD1	0,165103055	0	0	0	0	0,13595513	0,034272148	0	0	0,335330332	0,037258926
ENSG00000178171	AMER3	0,092379991	0	0	0,159520082	0,054885762	0	0	0	0,02840387	0,335189706	0,037243301
ENSG00000205029	OR5D16	0	0	0	0	0	0	0,334786796	0	0	0,334786796	0,037198533
ENSG00000116218	NPHS2	0	0,143085379	0	0	0,191631559	0	0	0	0	0,334716938	0,037190771
ENSG00000282815	TEX13C	0	0	0,204855721	0	0	0	0,129709349	0	0	0,33456507	0,037173897
ENSG00000184828	ZBTB7C	0,039713685	0,03523548	0	0,137153732	0	0	0	0,122106782	0	0,334209678	0,037134409
ENSG00000166862	CACNG2	0	0	0	0	0,334166448	0	0	0	0	0,334166448	0,037129605
ENSG000000084734	GCKR	0	0,085151477	0	0,248588417	0	0	0	0	0	0,333739893	0,03708221
ENSG00000164078	MST1R	0	0	0	0,298097838	0	0	0	0,035385857	0	0,333483696	0,037053744
ENSG00000189233	NUGC	0,112656986	0,066635686	0	0,064844676	0,089243922	0	0	0	0	0,33338127	0,037042363
ENSG00000166250	CLMP	0	0	0	0,071013949	0	0,131232412	0	0,130684029	0	0,33293039	0,036992266
ENSG00000114487	MORC1	0	0,142477152	0	0,069323851	0	0	0,033334307	0,087788142	0	0,332923452	0,036991495
ENSG00000095203	EPB41L4B	0,019178902	0,068064983	0	0,066235556	0,136737229	0	0	0,041938643	0	0,332155313	0,036906146
ENSG00000153789	FAM92B	0	0	0	0,139686817	0,192247078	0	0	0	0	0,331933896	0,036881544
ENSG00000197532	OR6Y1	0,02946774	0	0,162624863	0,050884355	0	0	0,024467693	0,064437318	0	0,33188197	0,036875774
ENSG00000196277	GRM7	0,036793419	0	0	0,158835509	0	0	0,01527518	0,120684648	0	0,331588757	0,036843195
ENSG00000221866	PLXNA4	0,073838539	0,147402761	0,016978995	0,063751521	0,021934861	0	0,007663714	0	0	0,33157039	

ENSG00000091482	SMPX	0,11361697	0	0,209007593	0	0	0	0	0	0,322624564	0,035847174	
ENSG00000180509	KCNE1	0	0	0,098434879	0,046199535	0	0	0,177720017	0	0	0,322354431	0,035817159
ENSG00000171405	XAGE5	0	0	0	0	0,322078513	0	0	0	0	0,322078513	0,035786501
ENSG00000020619	ANKUB1	0	0,040975245	0,084957243	0	0	0	0,038346678	0,10098856	0,056799059	0,322066785	0,035785198
ENSG00000189269	DRICH1	0,116060346	0,205946237	0	0	0	0	0	0	0	0,322006583	0,035778509
ENSG00000157502	PWWP3B	0,034794053	0,061741193	0	0,060081735	0,165377639	0	0	0	0	0,321994619	0,03577718
ENSG00000133878	DUSP26	0,153333912	0	0	0	0	0,168351676	0	0	0	0,321685588	0,035742843
ENSG00000186103	ARGFX	0	0	0,218925063	0,102750531	0	0	0	0	0	0,321675595	0,035741733
ENSG000000077943	ITGA8	0,020643521	0	0	0,106940563	0,098119547	0	0,045141334	0,050777738	0	0,321622704	0,035735856
ENSG00000163705	FANCD2OS	0	0	0,146691345	0	0	0	0,174371803	0	0	0,321063149	0,035673683
ENSG00000123496	IL13RA2	0	0	0	0,320953228	0	0	0	0	0	0,320953228	0,03566147
ENSG00000175206	NPPA	0	0	0	0	0,320640663	0	0	0	0	0,320640663	0,03562674
ENSG00000185883	ATP6VOC	0	0,189365819	0	0	0	0	0	0	0,131247544	0,320611363	0,035623707
ENSG00000165757	JCAD	0,031566862	0	0	0,190781786	0,037509666	0	0,02621064	0,034513742	0	0,320582697	0,0356203
ENSG00000116962	NID1	0	0,230719325	0	0,089807253	0	0	0	0	0	0,320526579	0,035614064
ENSG00000135917	SLC19A3	0,01953595	0,034666063	0,071875914	0,101202964	0,092855215	0	0	0	0	0,320136106	0,035570678
ENSG00000148704	VAX1	0,026107562	0,092654458	0	0,045082062	0,124090374	0	0	0,032108936	0	0,320043392	0,035560377
ENSG00000171533	MAP6	0	0	0,086423162	0,121685827	0,111648544	0	0	0	0	0,319757532	0,035528615
ENSG00000145002	FAM86B2	0	0	0	0	0	0	0,183704732	0	0,136051627	0,319756359	0,035528484
ENSG00000183309	ZNFB23	0,063438527	0	0	0	0	0	0,105348725	0,046240494	0	0,319656026	0,03545067
ENSG000000005961	ITGA2B	0	0	0,050077481	0,235034205	0	0	0	0	0,033479827	0,318591514	0,035399057
ENSG00000169515	CDC8	0	0	0,083377354	0,234794518	0	0	0	0	0	0,318171872	0,03535243
ENSG00000268041	AC010616.1	0	0	0	0	0	0	0	0,318031345	0	0,318031345	0,035336816
ENSG00000180287	PLD5	0,03166277	0,028092404	0	0,027337347	0,150494517	0	0,026290274	0,034618603	0,019470563	0,317966479	0,035329609
ENSG00000159648	TEPP	0	0,086413793	0	0	0,231464739	0	0	0	0	0,317878532	0,035319837
ENSG000000258405	ZNFB23	0,012655827	0,044914908	0	0,043707701	0,15038423	0,055581433	0,010508403	0	0	0,317752502	0,035305834
ENSG00000133019	CHRM3	0	0,022033032	0,045682843	0,150085852	0,059016852	0	0,010309805	0	0,030541746	0,31767013	0,035296681
ENSG00000121764	HCRTR1	0,177221154	0	0	0	0,14038997	0	0	0	0	0,317611124	0,035290125
ENSG00000153721	CNKSR3	0,007002668	0,037278187	0,03864592	0,096736633	0	0,01537704	0,005814465	0,107189489	0,008612379	0,31665678	0,035184087
ENSG000000095539	SEMA4G	0	0	0	0	0,068364276	0	0	0	0	0,316018123	0,035113125
ENSG00000133083	DCLK1	0,042048159	0	0,019337746	0,090759991	0,04996418	0,023083211	0,008728371	0,068960258	0,012928454	0,315810369	0,035090041
ENSG00000163072	NOSTRIN	0,028793935	0	0	0,049720841	0	0	0,095632875	0	0	0,315798964	0,035088774
ENSG00000172995	ARPP21	0,089839816	0	0	0,129278129	0	0	0,012432653	0,065484457	0,018415232	0,315450286	0,035050032
ENSG00000196734	LCE1B	0	0	0	0	0,31529196	0	0	0	0	0,31529196	0,03503244
ENSG00000080031	AC010327.1	0	0	0	0,120108159	0	0	0	0,152098765	0,042772502	0,314979426	0,034997714
ENSG00000072832	CRMP1	0,103802556	0	0	0,179244358	0	0	0	0,031915941	0	0,314962855	0,034995873
ENSG00000171495	MROH2B	0,04966658	0,088132128	0,091365686	0,085763344	0	0	0	0	0	0,314927738	0,034991971
ENSG00000183317	EPHA10	0,092683127	0,098678361	0	0,064017413	0,044052692	0	0,015391356	0	0	0,314822949	0,034980328
ENSG00000152611	CAPSL	0	0	0	0	0,314463697	0	0	0	0	0,314463697	0,034940411
ENSG00000135063	FAM189A2	0,063279133	0,028071817	0,029101769	0	0,037596058	0,15632278	0	0	0	0,314371557	0,034930173
ENSG000000268350	FAM156A	0	0,162313559	0	0,039487738	0	0	0	0	0,112497895	0,314299193	0,034922133
ENSG000000254834	OR5M10	0	0	0	0	0	0	0	0,3141013	0	0,3141013	0,034900144
ENSG00000185155	MIXL1	0	0	0,137003499	0	0,176992382	0	0	0	0	0,31399588	0,034888431
ENSG00000007372	PAX6	0	0,180376129	0,053426888	0,012537717	0,051765934	0	0	0,015877717	0	0,313983787	0,034880787
ENSG00000196156	KRTAP4-3	0,313507408	0	0	0	0	0	0	0	0	0,313507408	0,034834156
ENSG00000182898	TCHHL1	0,041905316	0	0	0,072361335	0,199177783	0	0	0	0	0,313444434	0,034827159
ENSG00000196071	OR2L13	0	0	0	0,12923971	0	0	0	0	0,184097595	0,313337305	0,034815256
ENSG00000104055	TGM5	0,041616792	0,073847976	0	0	0,197806413	0	0	0	0	0,31327118	0,034807909
ENSG00000168679	SLC16A4	0	0,254243363	0	0	0	0	0	0,058737839	0	0,312981202	0,034775689
ENSG00000163295	ALPI	0	0	0	0	0,214334552	0	0,098607749	0	0	0,312942301	0,034771367
ENSG000000226288	OR52I2	0	0	0	0,312871672	0	0	0	0	0	0,312871672	0,034763519
ENSG00000173557	C2orf70	0	0	0	0,312621775	0	0	0	0	0	0,312621775	0,034735753
ENSG00000145536	ADAMTS16	0,025773592	0	0	0	0,0612515	0	0	0,225437194	0	0,312462286	0,034718032
ENSG00000131746	TNS4	0,062019524	0	0,171134885	0,053547091	0	0	0,025748067	0	0	0,312449568	0,034716619
ENSG000000182771	GRID1	0,024247524	0	0,089210558	0,083740364	0,115249532	0	0	0	0	0,312447979	0,034716442
ENSG000000282034	AC106886.5	0	0	0	0,312443521	0	0	0	0	0	0,312443521	0,034715947
ENSG000000177947	ODF3	0,048588608	0	0	0,083901921	0	0	0	0	0,179273173	0,311763702	0,034640411
ENSG00000164530	PHI6	0	0	0	0,311598735	0	0	0	0	0	0,311598735	0,034622082
ENSG00000167800	TBX10	0,097616648	0	0	0	0	0	0,213459023	0	0	0,311075671	0,034563963
ENSG00000177468	OLIG3	0	0	0,127347474	0	0	0,183704732	0	0	0	0,311052206	0,034561356
ENSG00000184210	DGAT2L6	0,097302364	0	0	0	0,213664619	0	0	0	0	0,310966983	0,034551887
ENSG00000073734	ABC811	0,058759781	0	0,101465317	0	0,150534548	0	0	0	0	0,310759646	0,03452885
ENSG00000197408	CYP2B6	0	0	0,209698613	0	0	0,100833377	0	0	0	0,31053199	0,034503554
ENSG00000104371	DKK4	0	0	0,310245646	0	0	0	0	0	0	0,310245646	0,034471738
ENSG000000226430	USP17L7	0	0,132612265	0	0	0,177605115	0	0	0	0	0,31021738	0,034468598
ENSG00000101958	GLRA2	0	0,072373009	0	0,140855587	0,096927812	0	0	0	0	0,310156408	0,034461823
ENSG00000125851	PCSK2	0,021498161	0	0,039547603	0	0,102181688	0	0,094020363	0,052879932	0	0,310127747	0,034458639
ENSG00000147588	PMP2	0,085760823	0,076090238	0	0,148090224	0	0	0	0	0	0,309941286	0,034437921
ENSG00000106025	TSPAN12	0	0	0,30989902	0	0	0	0	0	0	0,30989902	0,034433224
ENSG00000173898	SPTBN2	0,015003035	0,053245036	0,027599295	0	0,213930228	0	0	0	0	0,309777594	0,034419733
ENSG00000165923	AGBL2	0	0,04890425	0	0	0,196489627	0,030259087	0	0,033895043	0	0,309548008	0,034394223
ENSG000000262179	MYMX	0	0	0,309531405	0	0	0	0	0	0	0,309531405	0,034392378
ENSG00000165105	RASEF	0,242151114	0	0,039273777	0	0	0	0	0,027972083	0	0,309396974	0,034377442
ENSG000000251692	PTX4	0	0	0,309164662	0	0	0	0	0	0	0,309164662	0,034351629
ENSG00000132464	ENAM	0,092677443	0,041113462	0	0,120025287	0,055062487	0	0	0	0	0,30887868	0,034319853
ENSG00000144285	SCN1A	0,053503094	0,031646642	0,016403877	0,107786193	0,021191877	0,078324361	0	0	0	0,308856043	0,034317338
ENSG00000196350	ZNFB23	0	0,138324478	0	0	0	0	0,170458895	0	0	0,308783373	0,034309264
ENSG00000162383	SLC1A7	0	0	0,308466912	0	0	0	0	0	0	0,308466912	0,034274101
ENSG00000156574	NODAL	0	0	0	0,308251594	0	0	0	0	0	0,308251594	0,034250177
ENSG00000125823	CSTL1	0	0	0	0	0	0	0,307953931	0	0	0,307953931	0,034217103
ENSG00000187950	OVCYH1	0,076357034	0,067746842	0	0,131851933	0	0,031700438	0	0	0	0,307656246	0,034184027
ENSG00000168453	HR	0,018974205	0,20201557	0	0	0,04509261	0	0,041491031	0	0	0,307573416	0,034174824
ENSG00000133107	TRPC4	0,035935926	0	0,186160505	0,085402507	0	0	0	0	0	0,307498939	0,034166549
ENSG00000115423	DNAH6	0,022363559	0,079367175	0,020569787	0,077233972	0	0,036830822	0,046422352	0,024451278	0	0,307238945	0,034137661
ENSG00000170703	TTLH	0	0	0,3071630								

ENSG00000162782	TDRD5	0,03694635	0,196681174	0,067965794	0	0	0	0	0	0,301593318	0,033510369	
ENSG00000164707	SLC13A4	0,037706942	0	0	0	0	0	0,078272197	0	0,185498712	0,033497539	
ENSG00000117477	CCDC181	0,038149601	0	0	0	0,090663353	0,125658099	0	0	0,046919092	0,033487794	
ENSG00000165120	SSMEM1	0,110460943	0	0	0,19074194	0	0	0	0	0	0,301202884	0,033466987
ENSG00000162551	ALPL	0,152124736	0	0,093281912	0	0	0,05567469	0	0	0	0,301081338	0,033453482
ENSG00000257446	ZNF878	0	0	0	0,300963062	0	0	0	0	0	0,300963062	0,03344034
ENSG00000171016	PYG01	0	0	0,032266988	0,151442237	0,083370294	0,019258337	0,014564171	0	0,172312183	0,300902027	0,033433559
ENSG00000133863	TEX15	0	0,022601315	0	0,021993845	0	0,083906226	0	0	0	0,300813569	0,03342373
ENSG00000177275	OR2A1	0,161356723	0	0	0,139313921	0	0	0	0	0	0,300670644	0,033407849
ENSG00000187569	DPPA3	0	0	0	0	0	0	0	0,300395061	0	0,300395061	0,033377229
ENSG00000117600	PLPPR4	0	0	0	0,23550088	0,064822661	0	0	0	0	0,300323541	0,033369282
ENSG00000156575	PRG3	0	0	0	0,300270397	0	0	0	0	0	0,300270397	0,033363377
ENSG00000128564	VGf	0	0,300158955	0	0	0	0	0	0	0	0,300158955	0,033350995
ENSG00000271321	CTAGE6	0	0	0	0,300155262	0	0	0	0	0	0,300155262	0,033350585
ENSG00000168077	SCARA3	0,037505726	0,133105982	0	0,129528406	0	0	0	0	0	0,300140114	0,033348902
ENSG00000136688	IL36G	0,110058682	0	0	0,190047323	0	0	0	0	0	0,300106005	0,033345112
ENSG00000170442	KRT86	0	0	0	0	0,300014655	0	0	0	0	0,300014655	0,033334962
ENSG00000104760	FGL1	0	0,243691609	0	0	0	0	0	0	0,056300067	0,299991676	0,033332408
ENSG00000118194	TNNT2	0	0,036939248	0	0	0,148416122	0,114279224	0	0	0	0,299634593	0,033292733
ENSG00000176971	FIBIN	0,155944861	0	0,143436584	0	0	0	0	0	0	0,299381445	0,033264605
ENSG00000163040	CCDC74A	0	0	0,090341274	0	0	0,107839179	0,040776838	0	0,06039861	0,299355901	0,033261767
ENSG00000158258	CLSTN2	0,072470128	0,036741847	0	0,038089901	0,089385782	0	0,017192427	0,045277414	0	0,2991575	0,033239722
ENSG00000249693	THEGL	0	0,299098717	0	0	0	0	0	0	0	0,299098717	0,033233191
ENSG00000273540	AGBL1	0,03335038	0,118358861	0	0,057588827	0,0528386	0,036616768	0	0	0	0,298753436	0,033194826
ENSG00000174469	CNTNAP2	0,110683443	0,032734176	0,016967594	0,079635895	0	0	0,038292844	0,020169356	0	0,298483309	0,033164812
ENSG00000170482	SLC23A1	0	0,083715891	0	0,162931611	0	0,051798494	0	0	0	0,298445996	0,033160666
ENSG00000221867	MAGEA3	0	0,151236323	0	0,147171446	0	0	0	0	0	0,298407769	0,033156419
ENSG00000105696	AC003112.1	0	0	0,298097838	0	0	0	0	0	0	0,298097838	0,033121982
ENSG00000070001	UPP2	0	0	0,176486287	0,121446582	0	0	0	0	0	0,297932868	0,033103652
ENSG00000103044	HAS3	0	0	0	0	0	0	0	0,190635327	0,107219147	0,297854475	0,033094942
ENSG00000163395	IGFN1	0,044262463	0,022943224	0,129218376	0,029639942	0,013693511	0	0,027272579	0,030677868	0	0,297707963	0,033078663
ENSG00000163564	PYHIN1	0	0,079902299	0,075002867	0	0,047689157	0	0,094979755	0	0	0,297574078	0,033063786
ENSG00000102802	MEDAG	0	0	0	0	0,072323704	0	0,144042968	0,081014177	0	0,297380849	0,033042317
ENSG00000102385	DRP2	0,03691476	0,098256504	0,033953841	0	0,087728277	0	0,040360885	0	0	0,297214718	0,033023858
ENSG00000144355	DLX1	0	0	0,077865574	0,219273088	0	0	0	0	0	0,297138662	0,033015407
ENSG00000160994	CCDC105	0	0	0,297023306	0	0	0	0	0	0	0,297023306	0,033000259
ENSG00000075290	WNT8B	0	0,126961174	0	0	0,170036715	0	0	0	0	0,296997889	0,032998765
ENSG00000123576	ESX1	0	0	0,185939866	0	0	0,110976974	0	0	0	0,29691684	0,03299076
ENSG00000170667	RASA4B	0	0	0	0	0	0,102637134	0,155541734	0	0,038398042	0,29677691	0,032975212
ENSG00000101542	CDH20	0	0,064994178	0	0	0	0	0	0,231775474	0	0,296769652	0,032974406
ENSG000001006659	LGALS14	0	0,296617257	0	0	0	0	0	0	0	0,296617257	0,032957473
ENSG00000168131	OR2B2	0	0	0	0	0,296301603	0	0	0	0	0,296301603	0,03292224
ENSG00000101470	TNMC2	0	0	0	0	0	0	0,296269969	0	0	0,296269969	0,032918885
ENSG00000279263	OR2L8	0	0	0,296038444	0	0	0	0	0	0	0,296038444	0,03289316
ENSG00000147885	IFNA16	0	0	0,296038444	0	0	0	0	0	0	0,296038444	0,03289316
ENSG00000111262	KCNA1	0,056772913	0,067161428	0,130712573	0	0	0	0	0,041381912	0	0,296028826	0,032892092
ENSG00000109511	ANXA10	0	0,295962473	0	0	0	0	0	0	0	0,295962473	0,032884719
ENSG00000171121	KCNMB3	0,084146659	0	0,116242332	0,039995271	0,055432869	0	0	0	0	0,295817132	0,03286857
ENSG00000156269	NAA11	0,111892314	0	0	0	0,061425612	0	0,122337863	0	0	0,295655789	0,032850643
ENSG00000162482	AKR7A3	0	0	0	0,295569994	0	0	0	0	0	0,295569994	0,03284111
ENSG00000130176	CNN1	0,106528425	0,189032076	0	0	0	0	0	0	0	0,295560501	0,032840056
ENSG00000122735	DNAI1	0	0,074195351	0,07691757	0,14440231	0	0	0	0	0	0,295515232	0,032835026
ENSG00000162594	IL23R	0,046253618	0,082075911	0	0	0,109922725	0	0	0	0,056885988	0,295138242	0,032793138
ENSG00000158553	POM121L2	0	0,079946929	0	0,21414284	0	0	0	0	0	0,294089769	0,032676641
ENSG00000160781	PAQR6	0,0597039	0	0,103095604	0	0,131102787	0	0	0	0	0,293902291	0,03265581
ENSG00000171936	OR10H3	0,293703733	0	0	0	0	0	0	0	0	0,293703733	0,032633748
ENSG00000257524	AL157935.2	0	0	0	0	0,130467033	0,065777369	0	0,097429369	0	0,293673772	0,032630419
ENSG00000157927	RADIL	0	0	0	0,055113189	0,152277217	0	0	0,085564697	0,293450057	0,293450057	0,032605562
ENSG00000147862	NFIB	0,011837883	0,021006032	0,043553482	0,163531516	0	0,009829247	0	0,043677209	0,293435367	0,293435367	0,03260393
ENSG00000182896	TMEM95	0	0	0	0,293396685	0	0	0	0	0,293396685	0,293396685	0,032599632
ENSG00000258947	TUBB3	0	0	0,1767054	0	0	0	0,074590196	0,041951811	0	0,293247407	0,032583045
ENSG00000240224	UGT1A5	0,064439476	0,228692537	0	0	0	0	0	0	0	0,293132013	0,032570224
ENSG00000157330	C1orf158	0,073123915	0	0,189403562	0	0	0,030358174	0	0	0	0,292885651	0,03254285
ENSG00000146215	CRIP3	0	0	0	0,292798648	0	0	0	0	0	0,292798648	0,032533183
ENSG00000143028	SYPL2	0	0,066338941	0,137545818	0	0,088846497	0	0	0	0	0,292731257	0,032525695
ENSG00000172689	MS4A10	0,065387525	0	0	0,155394869	0,071791682	0	0	0	0	0,292574076	0,032508231
ENSG00000146216	TTBK1	0	0,052417555	0,102017388	0,035100923	0,016216458	0	0,032297387	0,054495119	0	0,29254483	0,032504981
ENSG00000179213	SIGLEC1	0,064275019	0,22810889	0	0	0	0	0	0	0	0,292383909	0,032487101
ENSG00000162365	CYP4A22	0,078437877	0,069593044	0,14429281	0	0	0	0	0	0	0,292323732	0,032480415
ENSG00000116726	PRAMEF12	0	0	0,292200419	0	0	0	0	0	0	0,292200419	0,032466713
ENSG00000186377	CYP4X1	0,185260201	0	0,106634644	0	0	0	0	0	0	0,291894845	0,032432761
ENSG00000118322	ATP10B	0	0,142250398	0,049156516	0,023071174	0,031752214	0	0,029216142	0,016432053	0	0,291878497	0,032430944
ENSG00000145384	FABP2	0	0,216418079	0	0	0	0	0,1416676	0,074998597	0	0,291416676	0,032379631
ENSG00000173452	TMEM196	0,03697347	0	0,127690225	0	0	0,080850151	0,045472601	0,290986447	0	0,290986447	0,032331827
ENSG00000255804	OR6J1	0	0	0,125298907	0,086226699	0	0,079336031	0	0,290857637	0,032317515	0,290850812	0,032316757
ENSG00000188687	SLC4A5	0,018829978	0	0,162576308	0	0	0	0,109444526	0	0	0,290850812	0,032316757
ENSG00000125872	LRRN4	0	0	0,290789348	0	0	0	0	0	0	0,290789348	0,032309928
ENSG00000124939	SCGB2A1	0,290597251	0	0	0	0	0	0	0	0	0,290597251	0,032288583
ENSG00000175707	KDF1	0	0	0,149854501	0,140665755	0	0	0	0	0	0,290520255	0,032280028
ENSG00000088756	ARHGAP28	0,177627875	0,067542066	0,023340059	0,021908898	0	0	0	0	0	0,290418897	0,032268766
ENSG00000158352	SHROOM4	0,029248151	0	0,101010345	0	0	0,159892852	0	0,290151348	0,032239039	0,290151348	0,032239039
ENSG00000177283	FZD8	0,074992839	0,133072953	0	0	0	0,081993689	0	0,290059481	0,032228831	0,290059481	0,032228831
ENSG00000185101	ANO9	0,048690372	0,043199936	0,168155292	0	0	0	0,029941441	0,289987041	0,032220782	0,289987041	0,032220782
ENSG00000184388	PABPC1L2B	0	0,126527127	0,163458144	0	0	0	0	0	0,289985271	0,289985271	0,032220586
ENSG00000075388	FGF4	0,143232768	0	0,087829415	0	0	0	0,05871928	0,289781464	0,03219794	0,289781464	0,03219794
ENSG00000183837</												

ENSG00000165084	C8orf34	0,073590421	0	0,054150209	0,050829838	0,104933537	0	0	0	0	0,283504006	0,031500445
ENSG00000279111	OR10X1	0	0	0,283364015	0	0	0	0	0	0	0,283364015	0,031484891
ENSG00000130876	SLC7A10	0	0	0	0,167749903	0,115434761	0	0	0	0	0,283184665	0,031464963
ENSG000000095110	NXPE1	0,068890162	0,122243902	0,063364509	0	0	0	0,028600486	0	0	0,283099059	0,031455451
ENSG00000121905	HPCA	0	0	0,283075457	0	0	0	0	0	0	0,283075457	0,031452829
ENSG00000106031	HOXA13	0,118844334	0	0,163967813	0	0	0	0	0	0	0,282812147	0,031423572
ENSG000000251258	RFPL4B	0	0,28255216	0	0	0	0	0	0	0	0,28255216	0,031394684
ENSG00000148156	ACTL7B	0	0,112712064	0,116847456	0	0	0	0,052740787	0	0	0,282300307	0,031366701
ENSG000000183421	RIPK4	0,037627134	0	0,069218152	0	0	0,082624789	0	0	0,092553049	0,282023124	0,031335903
ENSG000000203784	LELP1	0,281922706	0	0	0	0	0	0	0	0	0,281922706	0,031324745
ENSG00000165702	GF1B	0,024755991	0	0	0,256489162	0	0	0	0	0	0,281245154	0,031249462
ENSG00000153404	PLEKHG4B	0,034074843	0,040309982	0,020894475	0,176519451	0	0	0,009431023	0	0	0,281229774	0,031247753
ENSG00000110243	APOA5	0	0	0	0	0,185303169	0	0	0	0,095896038	0,281199208	0,031244356
ENSG00000144681	STAC	0,103123683	0	0	0,178072094	0	0	0	0	0	0,281195777	0,031243975
ENSG00000154529	CNTNAP3B	0,011430452	0	0	0,019737895	0,135823579	0	0	0,099980202	0,014057982	0,28103011	0,031225568
ENSG00000167286	CD3D	0	0	0	0,28087726	0	0	0	0	0	0,28087726	0,031208584
ENSG00000142449	FBN3	0,045401273	0,026854482	0	0,156796179	0	0	0	0,033093096	0,018612571	0,280757601	0,031195289
ENSG00000153495	TEX29	0	0	0	0,280575242	0	0	0	0	0	0,280575242	0,031175027
ENSG00000131951	LRRC9	0,028129295	0	0,051746109	0	0,200549633	0	0	0	0	0,280425037	0,031158337
ENSG000000260325	HSPB9	0	0	0,144630645	0,135762214	0	0	0	0	0	0,280392858	0,031154762
ENSG00000198574	SH2D1B	0	0	0	0,280073318	0	0	0	0	0	0,280073318	0,031119258
ENSG000000228198	OR2M3	0,030425968	0,107980268	0	0,052539006	0,072307972	0,016702968	0	0	0	0,279956182	0,031106242
ENSG000000284987	US21.12.2	0	0	0	0	0	0,279781748	0	0	0	0,279781748	0,031086861
ENSG000000260234	AC020636.2	0	0	0	0	0	0	0	0,279678739	0	0,279678739	0,031075415
ENSG00000182053	TRIM49B	0,279575524	0	0	0	0	0	0	0	0	0,279575524	0,031063947
ENSG00000196169	KIF19	0,053585309	0	0,098574503	0	0,127346646	0	0	0	0	0,279506458	0,031056273
ENSG00000135074	ADAM19	0	0	0,036082567	0,101610193	0,093228853	0	0	0	0,048246761	0,279168374	0,031018708
ENSG00000158022	TRIM63	0	0	0	0,279143057	0	0	0	0	0	0,279143057	0,031015895
ENSG00000133636	NTS	0	0,172438585	0	0	0	0,106694905	0	0	0	0,27913349	0,031014832
ENSG00000147571	CRH	0	0	0	0	0,278817968	0	0	0	0	0,278817968	0,030979774
ENSG000000205495	OR52J3	0	0	0,278776682	0	0	0	0	0	0	0,278776682	0,030975187
ENSG000000166106	ADAMTS15	0,026636801	0	0	0,229979706	0	0	0,022117104	0	0	0,278733611	0,030970401
ENSG00000146857	STRA8	0,152175801	0	0	0	0	0	0,126354816	0	0	0,278530617	0,030947846
ENSG00000152578	GRIA4	0,029973335	0,079780423	0,027569186	0,025878704	0	0	0,049775	0,065542907	0	0,278519556	0,030946617
ENSG00000143318	CASQ1	0	0,124312471	0	0	0	0,153834563	0	0	0	0,278147035	0,030905266
ENSG00000132855	ANGPTL3	0,04649556	0	0	0	0	0	0,231637536	0	0	0,278133096	0,030903377
ENSG00000198570	RD3	0,070844149	0	0	0	0,168362655	0,038891368	0	0	0	0,278098172	0,030899797
ENSG00000125998	FAM83C	0	0	0	0,164679694	0,113322039	0	0	0	0	0,278001733	0,030889801
ENSG00000160862	AZGP1	0	0	0	0	0,277954754	0	0	0	0	0,277954754	0,030883862
ENSG00000197472	ZNF695	0	0	0	0,277886022	0	0	0	0	0	0,277886022	0,030876225
ENSG00000183134	PTGDR2	0	0	0,096487365	0,181141947	0	0	0	0	0	0,277629312	0,030847701
ENSG00000138379	MTSN	0	0	0	0,277393665	0	0	0	0	0	0,277393665	0,030821518
ENSG000000206052	DOK6	0	0,028065941	0	0,136557973	0,112764562	0	0	0	0	0,277388476	0,030820942
ENSG000000204033	LRIT2	0	0	0	0,164265014	0,113036683	0	0	0	0	0,277301697	0,0308113
ENSG00000132000	PODNL1	0	0	0	0,187813082	0	0	0	0,089177794	0,027690875	0,277301697	0,030776764
ENSG00000171786	NHLH1	0	0	0,204094622	0	0	0	0	0,072681471	0,0276776094	0,277301697	0,030752899
ENSG00000136834	OR1J1	0	0,27672033	0	0	0	0	0	0	0	0,27672033	0,030746703
ENSG00000138823	MTTP	0	0	0,051496869	0,09667839	0,066527889	0,061471129	0	0	0	0,276174276	0,030686031
ENSG00000104112	SCG3	0	0	0	0	0,113250565	0	0	0,104205162	0,058608175	0,276063902	0,030673767
ENSG00000112164	GLP1R	0	0	0,041601332	0,234302581	0	0	0	0	0	0,275903913	0,03065599
ENSG00000171773	NXNL1	0	0	0	0,275829783	0	0	0	0	0	0,275829783	0,030647754
ENSG00000146360	GPR6	0	0,275724422	0	0	0	0	0	0	0	0,275724422	0,030636047
ENSG000000225362	CT62	0,105856792	0	0	0	0,125785479	0	0,043947577	0	0	0,275589848	0,030621094
ENSG00000183615	FAM167B	0	0	0	0,275538516	0	0	0	0	0	0,275538516	0,030615391
ENSG00000154611	PSMA8	0	0	0	0,275538516	0	0	0	0	0	0,275538516	0,030615391
ENSG000000261649	GOLGA6L7	0	0	0,187507655	0,08800505	0	0	0	0	0	0,275512706	0,030612523
ENSG00000168070	MAJIN	0	0,115379518	0	0	0	0	0	0,159936766	0,275316284	0,030590698	0,030590698
ENSG00000171872	KLF17	0,096525436	0,085641009	0	0	0	0,052989644	0,040073565	0	0	0,275229655	0,030581073
ENSG00000110777	POU2AF1	0	0,038327902	0,158936592	0	0,051331839	0	0	0	0,026564683	0,275161015	0,030573446
ENSG00000187416	LHFP3L	0,081417333	0	0	0	0,193490055	0	0	0	0	0,274907388	0,030545265
ENSG00000182645	CDC172	0	0	0	0	0	0,188856661	0	0	0	0,274861539	0,030540171
ENSG000000336530	CYP46A1	0,032316204	0	0,029724134	0,139507578	0	0,017740652	0	0,035333038	0,019872383	0,274493988	0,030499332
ENSG00000154997	SEPT14	0,038996276	0	0	0,067338058	0,092675495	0,042815633	0,032379441	0	0	0,274204902	0,030467211
ENSG00000174145	NWD2	0,05811945	0,068754359	0,071276948	0,033453202	0	0,042541174	0	0	0	0,274145133	0,03046057
ENSG00000171501	OR1N2	0,273999222	0	0	0	0	0	0	0	0	0,273999222	0,030444358
ENSG00000177551	NHLH2	0,060115596	0	0	0,034602171	0,047622005	0	0	0,131455205	0	0,273794978	0,030421664
ENSG00000197790	OR52M1	0	0	0	0,273516745	0	0	0	0	0	0,273516745	0,030390749
ENSG00000133135	RNF128	0,088420463	0	0	0,07634142	0	0	0	0	0,108745771	0,273507654	0,030389739
ENSG00000176540	OR4C5	0	0,273335372	0	0	0	0	0	0	0	0,273335372	0,030370597
ENSG00000168309	FAM107A	0	0,100786318	0,104484157	0	0,067490611	0	0	0	0	0,272761086	0,030306787
ENSG000000268223	ARL14EPL	0	0	0,272659326	0	0	0	0	0	0	0,272659326	0,030295481
ENSG00000144908	ALDH1L1	0,011020316	0,07822112	0,020272761	0,114178081	0,026190019	0	0,009150403	0	0,013553568	0,272586269	0,030287363
ENSG00000141448	GATA6	0,039776407	0	0	0	0,189058985	0,043672171	0	0	0	0,272507563	0,030278618
ENSG00000114124	GRK7	0	0	0,161120701	0,110872968	0	0	0	0	0	0,271993668	0,030221519
ENSG00000236398	TAS2R39	0,148584632	0	0	0	0	0	0,123372991	0	0	0,271957623	0,030217514
ENSG00000164778	EN2	0	0	0	0,076858608	0	0,09773819	0	0,09732977	0	0,271926567	0,030214063
ENSG00000154080	CHST9	0,039379058	0,023292391	0	0,11333173	0,031195061	0	0	0	0,064574886	0,271773125	0,030197014
ENSG00000187033	SAMD7	0	0	0,221321735	0	0	0	0,049948381	0	0	0,271270115	0,030141124
ENSG00000170624	SCGD	0	0	0	0,123268601	0,067860458	0	0	0,062440394	0,017559195	0,271128648	0,030125405
ENSG00000182263	FIGN	0	0,080911889	0	0	0,036121258	0,050063542	0	0,066472454	0,037386144	0,270955286	0,030106143
ENSG00000203727	SAMD5	0,046091374	0	0,119384615	0,054768574	0	0	0,050394169	0	0	0,270638743	0,03007097
ENSG00000186335	SLC36A2	0	0	0,065115975	0	0,08412217	0,077728075	0	0	0,043533971	0,270500191	0,030055577
ENSG00000109686	SH3D19	0,01940051	0	0	0,033500446	0,046105731	0,042601252	0,128869259	0	0	0,270477198	0,030053022
ENSG00000101955	SRPX	0	0,269896326	0	0	0	0	0	0	0	0,269896326	0,029988481
ENSG00000163885	CFAP100	0,089361662	0	0,082193997	0	0,098113883	0	0	0	0	0,269669543	0,029963283
ENSG00000152076	CDCG74B	0	0	0	0,232614196	0	0,036975836	0	0	0	0,269590032	0,029954448
ENSG00000157423												

ENSG00000086717	PPEF1	0	0,076328494	0	0	0	0	0,188121018	0	0,264449512	0,029383279	
ENSG00000064787	BCAS1	0,018459635	0	0	0	0,043869722	0,040535201	0	0,161463263	0	0,26432782	0,029369758
ENSG000000136944	LMX1B	0,02591948	0,045993482	0,047680978	0,044757286	0	0,05691615	0,043042996	0	0	0,264310371	0,029367819
ENSG000000167755	KLK6	0	0	0	0,264104225	0	0	0	0	0	0,264104225	0,029344914
ENSG00000099864	PALM	0,030763553	0	0	0,159365823	0,073110249	0	0	0	0	0,263239625	0,029248847
ENSG000000196081	ZNFT724	0	0	0	0	0	0,149828937	0,113308548	0	0	0,263137485	0,029237498
ENSG000000136531	SCN2A	0,044641232	0,045265583	0	0,088097902	0,045467509	0,007001923	0,010590448	0,013945329	0,00784328	0,262853207	0,029205912
ENSG000000174348	PODN	0	0,054722857	0	0,106504071	0	0,101577904	0	0	0	0,262804833	0,029200537
ENSG000000105357	MYH14	0	0	0	0,175764513	0,069114231	0	0	0	0,017883615	0,262762358	0,029195818
ENSG000000221931	OR6X1	0	0	0,262741114	0	0	0	0	0	0	0,262741114	0,029193457
ENSG000000105376	ICAM5	0,192008349	0	0,070642973	0	0	0	0	0	0	0,262651322	0,02918348
ENSG000000213949	ITGA1	0,024417306	0	0	0,028108906	0,058028257	0,026808776	0,114887194	0	0,010010046	0,262260486	0,029140054
ENSG000000016402	IL20RA	0	0	0	0,110331913	0,151846741	0	0	0	0	0,262178654	0,029130962
ENSG000000106436	MYL10	0,143232768	0	0	0	0	0	0,118929225	0	0	0,262161993	0,02912911
ENSG000000205693	MANS4	0	0,262111392	0	0	0	0	0	0	0	0,262111392	0,02912371
ENSG000000182070	OR52A1	0,01544624	0	0,028414607	0,13336143	0	0,050877208	0	0,033776405	0	0,261875891	0,029097321
ENSG000000187054	TMPRSS11A	0,038063116	0,067542066	0	0,065726694	0,090457819	0	0	0	0	0,261789695	0,029087744
ENSG000000188996	HUS1B	0	0,261601951	0	0	0	0	0	0	0	0,261601951	0,029066883
ENSG000000163637	PRICKLE2	0,010253126	0	0,05658436	0,070819643	0	0,123830665	0	0	0	0,261487794	0,029054199
ENSG000000183024	OR1G1	0	0	0	0,26145789	0	0	0	0	0	0,26145789	0,029050877
ENSG000000054796	SPO11	0,161875277	0	0	0	0	0	0	0,099542861	0	0,261418138	0,02904646
ENSG000000186510	CLCNKA	0	0	0	0,225202797	0	0	0,036096183	0	0	0,26129898	0,02903322
ENSG000000284188	AL451007.3	0	0	0,261014177	0	0	0	0	0	0	0,261014177	0,029001575
ENSG000000168702	LRP1B	0,035471965	0,015736033	0,016313386	0,045939256	0,147524812	0	0	0	0	0,260985452	0,028998384
ENSG000000149305	HTB3B	0,09391583	0	0	0,05405738	0,074397668	0	0	0,038501455	0	0,260872333	0,028985815
ENSG000000134640	MTNR1B	0,077254893	0	0	0	0,183597926	0	0	0	0	0,260852819	0,028983647
ENSG000000161652	IZUMO2	0	0,17745996	0	0	0	0	0,083037943	0	0	0,260497903	0,028944211
ENSG000000224960	PP4R3C	0	0	0	0	0,114697395	0	0,040073565	0,105536432	0	0,260307391	0,028923043
ENSG000000163126	ANKRD23	0	0	0,135500901	0,063596143	0	0	0,061160289	0	0	0,260257333	0,028917481
ENSG000000187908	DMBT1	0,056154058	0,033214666	0	0	0,088967557	0	0,081861654	0	0	0,260197935	0,028910882
ENSG000000215475	SLAH3	0,021358385	0	0	0	0,203034653	0	0,035468645	0	0	0,259861683	0,02887352
ENSG000000178445	GLDC	0	0	0,031097449	0	0,160696965	0,018560306	0,028072566	0	0,020790527	0,259217813	0,028801979
ENSG000000135116	HRK	0	0,078255363	0	0,076152043	0,104805937	0	0	0	0	0,259213342	0,028801482
ENSG000000136750	GAD2	0,10262178	0	0	0,044301354	0	0	0	0,11220189	0	0,259125024	0,028791669
ENSG000000270806	C17orf50	0	0	0,259068126	0	0	0	0	0	0	0,259068126	0,028785347
ENSG000000176198	OR11H4	0,091195275	0	0,167761074	0	0	0	0	0	0	0,258956349	0,028772928
ENSG000000139174	PRICKLE1	0,036753149	0	0	0,222126331	0	0	0	0	0	0,25887948	0,028764387
ENSG000000102924	CBLN1	0,058097105	0	0	0,200642041	0	0	0	0	0	0,258739146	0,028748794
ENSG000000169851	PCDH7	0,024673128	0	0,022694106	0,127815319	0,029318111	0,054179305	0	0	0	0,258679969	0,028742219
ENSG000000115353	TACR1	0	0,156869345	0	0,101768711	0	0	0	0	0	0,258638056	0,028737562
ENSG000000112212	TSP02	0	0	0,258586139	0	0	0	0	0	0	0,258586139	0,028731793
ENSG000000125285	SOX21	0	0	0	0	0,258543947	0	0	0	0	0,258543947	0,028727105
ENSG000000007516	BAIAP3	0	0	0	0,169824259	0,0584311	0	0	0	0,030238614	0,258493974	0,028721553
ENSG000000223658	C1GALT1C1L	0	0	0	0	0	0	0,258353845	0	0	0,258353845	0,028705983
ENSG000000205328	OR6C65	0	0,258345817	0	0	0	0	0	0	0	0,258345817	0,028705091
ENSG000000283434	CSNKA2IP	0	0	0	0,158142409	0	0	0,100131687	0	0	0,258274096	0,028697122
ENSG000000205777	GAGE1	0	0,257627525	0	0	0	0	0	0	0	0,257627525	0,028625281
ENSG000000184524	CEND1	0,092819761	0,164706388	0	0	0	0	0	0	0	0,257526149	0,028614017
ENSG000000077800	FKBP6	0	0	0,175714348	0,054979978	0	0,02643707	0	0	0	0,257131396	0,028570155
ENSG000000048462	TNFRSF17	0	0	0,257078793	0	0	0	0	0	0	0,257078793	0,02856431
ENSG000000187175	KRTAP12-1	0,256990766	0	0	0	0	0	0	0	0	0,256990766	0,02855453
ENSG000000132681	ATP1A4	0,096187505	0	0	0	0,114295844	0,026402065	0,019966635	0	0	0,256852049	0,028539117
ENSG000000141750	STAC2	0	0	0,152148673	0,104698992	0	0	0	0	0	0,256847665	0,028538629
ENSG000000145861	C1QTNF2	0	0,111077879	0	0	0	0,068728491	0	0	0,07698696	0,25679333	0,028532592
ENSG000000197479	PCDH1B1	0	0,13243454	0,124313947	0	0	0	0	0	0	0,256748487	0,02852761
ENSG000000255223	OR5M11	0	0	0,255818603	0	0	0	0	0	0	0,255818603	0,028424289
ENSG000000112139	MDGA1	0	0,059228714	0,129726195	0,025505507	0	0,01782249	0,023468364	0	0	0,255751271	0,028416808
ENSG000000131730	CKMT2	0	0	0	0,132908047	0,122805756	0	0	0	0	0,255713803	0,028412645
ENSG000000114432	FZD10	0,046042221	0	0,159009735	0	0,050551669	0	0	0	0	0,255603625	0,028400403
ENSG000000168356	SCN11A	0	0,208860444	0	0,046620478	0	0	0	0	0	0,255480922	0,028386769
ENSG000000180708	OR10K2	0,049986957	0	0,086316565	0,118795085	0	0	0	0	0	0,255098607	0,02834429
ENSG000000108684	ASIC2	0,026998494	0	0	0,128325011	0	0	0,099614002	0	0	0,254937506	0,02832639
ENSG000000165799	RNASE7	0	0	0	0,254874054	0	0	0	0	0	0,254874054	0,028319339
ENSG000000213694	S1PR3	0,011028359	0,117417311	0,060862669	0,038087137	0	0,027471245	0	0	0	0,254866721	0,028318525
ENSG000000188487	INSC	0	0	0	0,104546592	0	0	0,096196381	0,054103791	0	0,254846763	0,028316307
ENSG000000173253	DMRT2	0	0,075320787	0,078084297	0	0,100875714	0	0	0	0	0,254280798	0,028253422
ENSG000000169330	MINAR1	0,022222143	0,118297941	0	0,076745581	0	0,036903039	0	0	0	0,254168704	0,028240967
ENSG0000002061150	EPHK1	0	0,033513561	0,052114754	0,081531988	0,022442041	0	0,041299159	0,023227912	0	0,254129415	0,028236602
ENSG000000053524	MCF2L2	0	0	0,215669709	0	0,032265768	0,006100269	0	0	0	0,254035745	0,028226194
ENSG000000141748	ARL5C	0	0,156899942	0	0	0,097080501	0	0	0	0	0,253980443	0,028220049
ENSG000000196724	ZNFA18	0,033572666	0	0,057972667	0,079786168	0	0	0,082580103	0,253911605	0	0,253911605	0,028212401
ENSG000000215218	UBE2QL1	0,051267369	0	0,094310466	0,044263779	0	0,063852586	0	0	0	0,2536942	0,028188244
ENSG000000173208	ABCD2	0,096095752	0,127889666	0	0	0	0	0,029546347	0,253531766	0	0,253531766	0,028170196
ENSG000000167580	AQP2	0	0,062286179	0,064571452	0	0,083418709	0	0	0,043169924	0	0,253446263	0,028160696
ENSG000000122254	HS3ST2	0	0	0	0	0,25329859	0	0	0	0	0,25329859	0,028144288
ENSG000000172548	NIPAL4	0	0	0	0	0	0,208719659	0,044165048	0	0	0,252884707	0,028098301
ENSG000000181626	ANKRD62	0	0,055723608	0,162677665	0	0,034478507	0	0	0	0	0,25287978	0,028097753
ENSG000000176605	C14orf177	0	0	0	0,252721705	0	0	0	0	0	0,252721705	0,028080189
ENSG000000141946	ZIM3	0,057522105	0	0,099328121	0	0,095523663	0	0	0	0	0,25237389	0,028041543
ENSG000000175497	DPP10	0,030207011	0	0	0	0	0,252185034	0,028020559	0,09908083	0,018575365	0,252185034	0,028020559
ENSG000000149201	CCDC81	0	0,118020247	0,061175198	0	0	0,072718875	0	0	0	0,251914319	0,02799048
ENSG000000131620	ANO1	0,178137851	0,046168427	0	0	0,027555319	0	0	0	0	0,251861597	0,027984622
ENSG000000134588	USP26	0	0	0,251806972	0	0	0	0	0	0	0,251806972	0,027978552
ENSG000000164500	SPATA48	0,074512116	0	0	0,177079656	0	0	0	0	0	0,251591772	0,027954641
ENSG000000174332	GLIS1	0	0	0,251463194	0	0	0	0	0	0	0,251463194	0,027940355
ENSG000000120242	IFNA8	0	0,251140495	0	0	0	0					

ENSG00000112541	PDE10A	0,020585402	0	0,025245672	0,047395327	0,032614435	0,015067712	0	0,105033238	0	0,245941786	0,027326865
ENSG00000173991	TCAP	0	0	0	0,245817216	0	0	0	0	0	0,245817216	0,027313024
ENSG000000214216	IQCJ	0	0	0	0	0,245718469	0	0	0	0	0,245718469	0,027302052
ENSG00000179603	GRM8	0	0	0	0	0	0,051389369	0,19431676	0	0	0,245706129	0,027300681
ENSG00000116032	GRIN3B	0	0	0	0,079529099	0,109453686	0	0	0	0,056643256	0,245626041	0,027291782
ENSG00000197253	TPSB2	0	0	0	0,150135198	0	0,095460631	0	0	0	0,245595829	0,027288425
ENSG00000135144	DTX1	0	0	0	0	0,245578442	0	0	0	0	0,245578442	0,027286494
ENSG00000177807	KCNJ10	0,045965193	0,040782053	0	0,158743711	0	0	0	0	0	0,245490957	0,027276773
ENSG00000275832	ARHGAP23	0	0	0	0	0	0	0	0,245372204	0	0,245372204	0,027263578
ENSG00000144452	ABCA12	0,062871051	0,083672353	0	0,081423437	0	0,017257185	0	0	0	0,245224026	0,027247114
ENSG00000253309	SERPINE3	0,173823509	0	0	0	0	0	0	0	0,07126017	0,245083679	0,02723152
ENSG00000261408	TEN1-CDK3	0	0	0	0	0	0,212815003	0,032188387	0	0	0,24500339	0,027222599
ENSG00000164900	GBX1	0	0	0	0	0,244797234	0	0	0	0	0,244797234	0,027199693
ENSG00000157510	AFAP1L1	0,069021272	0,040825518	0	0	0,109353697	0,025260441	0	0	0	0,244460928	0,027162325
ENSG00000255690	TRIL	0	0	0,168984863	0	0	0	0	0	0,07531774	0,244302602	0,027144734
ENSG00000083067	TRPM3	0,01517784	0,013466352	0	0,111683447	0,026208816	0,036070464	0,00833219	0	0,033189491	0,2441286	0,0271254
ENSG00000117407	ARTN	0	0	0	0,196413229	0	0	0	0,047222556	0	0,243635785	0,027070643
ENSG00000172508	CARNS1	0,026650894	0	0	0,184081111	0	0	0	0	0	0,24350917	0,027056574
ENSG00000158125	XDH	0,024919289	0	0,045841045	0,086060348	0,059221231	0,027359924	0	0	0	0,243401837	0,027044649
ENSG00000173546	CSPG4	0,036456109	0	0,100595934	0,062951743	0,043319366	0	0	0	0	0,243323152	0,027035906
ENSG00000204345	CD300LD	0,115971274	0	0	0	0	0,127329683	0	0	0	0,243300957	0,02703344
ENSG00000135454	B4GALNT1	0,01915702	0	0	0	0,182108287	0	0	0,041890792	0	0,243156099	0,027017344
ENSG00000187021	PNLIPRP1	0,030306974	0	0,055752126	0,157000586	0	0	0	0	0	0,243059686	0,027006632
ENSG00000155754	C2CD6	0,088640898	0,078645549	0	0	0	0	0	0,048457922	0,027254219	0,242998588	0,026999843
ENSG00000198398	TMEM207	0	0	0	0	0	0,114579128	0	0	0,128347046	0,242926173	0,026991797
ENSG00000058673	ZC3H11A	0	0	0	0	0	0,155565473	0	0	0,087129171	0,242694644	0,026966072
ENSG00000149633	KIAA1755	0,01872962	0	0,034454648	0,12936786	0,044511346	0	0,015551603	0	0	0,242615077	0,026957231
ENSG00000140798	ABCC12	0,017371028	0	0,063910817	0,119983895	0,041282624	0	0	0	0	0,242548363	0,026949818
ENSG00000198062	POTEH	0	0	0,242459746	0	0	0	0	0	0	0,242459746	0,026939972
ENSG00000163515	RETNLB	0	0,242443038	0	0	0	0	0	0	0	0,242443038	0,026938115
ENSG00000137975	CLCA2	0,171482718	0	0	0	0	0	0,028477152	0	0,042180327	0,242140197	0,026904466
ENSG00000196600	SLC22A25	0,040274672	0	0	0,069545569	0	0,044219237	0	0,088068915	0	0,242108393	0,026909333
ENSG00000113303	BTNL8	0	0	0	0,199491571	0	0,042280983	0	0	0	0,241772554	0,026863617
ENSG00000152785	BMP3	0,024804756	0	0,045630351	0,171329596	0	0	0	0	0	0,241764703	0,026862745
ENSG00000187323	DCC	0,023008842	0	0,042326623	0,059596873	0,082021517	0	0,009552366	0,0251568	0	0,241663022	0,026851447
ENSG00000183747	ACSM2A	0,018439362	0	0	0,222885274	0	0	0	0	0	0,241324636	0,026813848
ENSG00000182107	TMEM30B	0	0	0,124348065	0,116723317	0	0	0	0	0	0,241071382	0,026785709
ENSG00000185640	KRT79	0	0	0	0,102649479	0	0,065267733	0	0	0,073110355	0,241027566	0,026780841
ENSG00000132554	RGS22	0,047496643	0,126422442	0	0,041008168	0	0,026074269	0	0	0	0,241001523	0,026777947
ENSG00000170605	OR9K2	0,092563902	0	0	0	0,109990059	0	0,038428892	0	0	0,240982853	0,026775873
ENSG00000122012	SV2C	0	0,022691208	0	0,066243964	0,15194954	0	0	0	0	0,240884711	0,026764968
ENSG00000142748	FCN3	0	0	0	0,240826003	0	0	0	0	0	0,240826003	0,026758445
ENSG00000166073	GPR176	0,029519549	0,10476343	0	0	0,070153847	0	0	0,03630524	0,240742066	0,240742066	0,026749118
ENSG00000095777	MYO3A	0,1432158	0	0,032932129	0	0,042544431	0	0	0,022017121	0,240709481	0,240709481	0,026745498
ENSG00000106278	PTPRZ1	0,059627334	0	0,025740848	0,106279237	0	0	0,012377462	0	0,036666967	0,240691848	0,026743539
ENSG00000189132	FAM47B	0,071278571	0	0	0	0,169395067	0	0	0	0	0,240673638	0,026741515
ENSG00000137090	DMRT1	0	0	0	0,240640923	0	0	0	0	0	0,240640923	0,02673788
ENSG00000112238	PRDM13	0,046126548	0	0,08485351	0	0,109620739	0	0	0	0	0,240600797	0,026733422
ENSG00000163377	TAF4A	0	0	0	0,240493064	0	0	0	0	0	0,240493064	0,026721452
ENSG00000284609	OR8B3	0	0	0	0,240493064	0	0	0	0	0	0,240493064	0,026721452
ENSG00000187003	ACTL7A	0	0	0	0	0,240373188	0	0	0	0	0,240373188	0,026708132
ENSG00000084674	APOB	0,010190894	0	0,056240916	0,105584694	0,048437759	0,011189006	0,008461716	0	0	0,240104984	0,026678332
ENSG000000241128	OR14A2	0	0	0	0,240050575	0	0	0	0	0	0,240050575	0,026672286
ENSG00000163536	SERPINI1	0,124988065	0	0,11496282	0	0	0	0	0	0	0,239950885	0,026661209
ENSG00000076864	RAP1GAP	0,026257267	0	0	0,181362276	0	0	0	0	0,032293053	0,239912596	0,026656955
ENSG00000128578	STRIP2	0	0	0,04729966	0,088798698	0,061105588	0	0,042698769	0	0	0,239902715	0,026655877
ENSG00000188803	SHISA6	0	0	0,032599988	0,061202058	0,126346033	0,019457087	0	0	0	0,239605166	0,026622796
ENSG00000134389	CFHR5	0,053776004	0	0	0,185718843	0	0	0	0	0	0,239494847	0,026610539
ENSG00000120658	ENOX1	0,048729626	0	0	0,084145429	0	0	0,106557423	0	0	0,239432478	0,026603609
ENSG00000184838	PRR16	0	0	0,123436989	0,115868106	0	0	0	0	0	0,239305095	0,026589455
ENSG00000152591	DSPP	0,034594911	0	0	0,119475721	0	0	0	0,085094561	0	0,239165193	0,02657391
ENSG00000168594	ADAM29	0	0,090025852	0,09332889	0	0	0	0,055469963	0	0	0,238824705	0,026536078
ENSG00000165606	DRGX	0,104574789	0	0,0900288919	0	0	0	0,04341534	0	0	0,238279048	0,02647545
ENSG00000189410	SH2D5	0	0,05975975	0,061952329	0,116307098	0	0	0	0	0	0,238019177	0,026446575
ENSG00000142233	LMTK3	0,079995008	0,094632786	0	0	0,063369956	0	0	0	0	0,237997751	0,026441195
ENSG00000034239	EFCAB1	0,051910193	0,138170045	0,047746496	0	0	0	0	0	0	0,237826733	0,026425193
ENSG00000131409	LRRC4B	0	0	0,237522158	0	0	0	0	0	0	0,237522158	0,026391351
ENSG00000158683	PKM1L1	0,044227484	0	0,02712001	0,050914141	0	0	0,024482016	0	0,09065684	0,237400491	0,026377832
ENSG00000049283	EPN3	0	0,059547413	0,061732201	0,115893837	0	0	0	0	0	0,237173451	0,026352606
ENSG00000132975	GPR12	0	0,101204756	0	0	0,135541628	0	0	0	0	0,236746383	0,026305154
ENSG00000198542	ITGBL1	0,024467385	0	0,042249834	0,116294541	0	0	0,053503006	0	0	0,236514766	0,026279418
ENSG00000060718	COL11A1	0,033243993	0,029495325	0,091732515	0,02870256	0,039502535	0	0,013801599	0	0	0,236478527	0,026275392
ENSG00000184292	TACSTD2	0	0	0,236478179	0	0	0	0	0	0	0,236478179	0,026275353
ENSG00000165349	SLC7A3	0	0,23645679	0	0	0	0	0	0	0	0,23645679	0,026272977
ENSG00000104415	CNC4	0	0	0,053560713	0,150829465	0	0,031967356	0	0	0	0,236357534	0,026261948
ENSG00000187244	BCAM	0	0	0	0,104186454	0	0	0	0,131936342	0	0,236122796	0,026235866
ENSG00000159871	LYPD5	0,056712543	0,050317508	0	0,097930184	0	0,031133529	0	0	0	0,236093764	0,02623264
ENSG00000153246	TAL2R1	0,059019882	0,017454889	0,036190613	0,033971485	0	0,021600127	0,024502734	0,043019733	0	0,235759462	0,026195496
ENSG00000179477	ALOX12B	0	0	0	0,190047323	0	0	0,045692036	0	0	0,23573936	0,026193262
ENSG00000184571	PIWIL3	0	0,14101604	0	0	0,094430066	0	0	0	0	0,235446106	0,026160678
ENSG00000198774	RASSF9	0,054799844	0	0,05040437	0	0,130233016	0	0	0	0	0,23543723	0,026159692
ENSG00000112309	B3GAT2	0	0	0	0,158985514	0	0	0,076448032	0	0	0,235433546	0,026159283
ENSG00000113212	PCDH7B	0	0	0,147665391	0	0	0	0,087764825	0	0	0,235430217	0,026158913
ENSG00000163217	BMP10	0	0	0,046053694	0,129689351	0,059495948	0	0	0	0	0,235238994	0,026137666
ENSG00000249662	LINC02218	0	0	0	0	0,235178482	0	0	0	0	0,235178482	0,02613

ENSG00000127252	PLAAT1	0	0,229377246	0	0	0	0	0	0,229377246	0,025486361	
ENSG00000171811	CFAP46	0	0,025064685	0	0,170737037	0,033568662	0	0	0,229370384	0,025485598	
ENSG00000162891	IL20	0	0	0	0	0,229175203	0	0	0,229175203	0,025463911	
ENSG00000164749	HNF4G	0	0,055793175	0	0,108587172	0	0	0,026107019	0,038669688	0,229157054	0,025461895
ENSG00000176988	FMR1NB	0	0	0	0,229091286	0	0	0	0	0,229091286	0,025454587
ENSG00000182676	PPP1R27	0	0	0	0	0	0,229000106	0	0	0,229000106	0,025444456
ENSG00000196361	ELAVL3	0,03173925	0	0,058386914	0	0	0	0	0,138808892	0,228935057	0,025437229
ENSG00000185823	NPAF1	0,060235412	0,035628754	0,110807906	0	0	0,022044988	0	0	0,228717059	0,025413007
ENSG00000105479	CDC114	0	0,12474622	0	0,060696668	0	0	0	0,043230175	0,228673063	0,025408118
ENSG00000097096	SYDE2	0,023592595	0	0	0,040739262	0,112136625	0	0	0,051590096	0,228058579	0,025339842
ENSG00000161180	CDC116	0,051206564	0	0	0,17684512	0	0	0	0	0,228051684	0,025339076
ENSG00000169347	GP2	0,074659373	0	0	0,064460221	0,088714808	0	0	0	0,227834402	0,025314834
ENSG00000096006	CRISP3	0	0	0	0,116125934	0	0	0,111678088	0	0,227804023	0,025311558
ENSG00000205560	CPT1B	0	0	0	0	0	0	0,091762798	0	0,135918958	0,025297973
ENSG00000261115	TMEM178B	0	0	0,025681827	0,168749522	0,033177896	0	0	0	0,227609245	0,025289916
ENSG00000241149	AC115220.1	0	0	0	0	0	0	0	0,227415394	0	0,025268377
ENSG00000171885	AQP4	0,050853297	0	0	0	0,12085396	0	0	0,055600634	0	0,227307891
ENSG00000184933	OR6A2	0	0	0	0,060569864	0,166721236	0	0	0	0	0,025254567
ENSG00000136002	ARHGEF4	0,028481872	0	0,049181976	0,067687785	0	0,011824553	0	0,070058061	0,227234247	0,02524825
ENSG00000168779	SHOX2	0	0,106300099	0	0,071182863	0	0	0,049740469	0	0,22722343	0,025247048
ENSG00000016602	CLCA4	0	0	0	0,227097454	0	0	0	0	0,227097454	0,02523305
ENSG00000196570	PFN3	0	0	0	0	0	0	0,226890293	0	0	0,025210033
ENSG00000172016	REG3A	0	0	0	0	0,226858839	0	0	0	0,226858839	0,025206538
ENSG00000106631	MYL7	0	0	0	0	0	0	0,226635506	0	0	0,025181723
ENSG00000095587	TLL2	0,018525263	0	0	0,031989086	0,176102755	0	0	0	0,226617104	0,025179678
ENSG00000118514	ALDH8A1	0	0	0	0,182599702	0	0	0,043901446	0	0	0,025166794
ENSG00000174672	BRSK2	0	0	0	0,037800228	0	0	0	0	0	0,025139804
ENSG00000009709	PAX7	0	0	0	0,040311289	0,166437916	0	0,019383645	0	0,226132849	0,025125872
ENSG00000179520	SLC17A8	0	0	0,065070248	0,122160569	0	0,038836745	0	0	0,226067562	0,025118618
ENSG00000213973	ZNF99	0,038125538	0,033826416	0,10520251	0,032917242	0	0	0,015828224	0	0	0,025099992
ENSG00000182177	ASB18	0	0,096558156	0	0	0,129318524	0	0	0	0,225876681	0,025097409
ENSG00000249581	CLRN2	0	0	0	0	0	0	0	0	0,225815944	0,02509066
ENSG00000250673	REELD1	0,066863084	0	0	0	0,158901567	0	0	0	0,225764652	0,025084961
ENSG00000212722	KRTAP4-9	0	0	0	0,225527204	0	0	0	0	0,225527204	0,025058578
ENSG00000122420	PTGFR	0,026216268	0	0,096453886	0,045269774	0	0,057567861	0	0	0,225507789	0,025056421
ENSG00000177324	BEND2	0	0	0,225089476	0	0	0	0	0	0,225089476	0,025009942
ENSG00000179902	C1orf194	0	0	0,2250851	0	0	0	0	0	0,2250851	0,025009456
ENSG00000187821	HELT	0	0	0,224902993	0	0	0	0	0	0,224902993	0,024989221
ENSG00000185739	SRL	0,053002655	0,094051912	0,048751333	0	0	0,029096909	0	0	0,224902809	0,024989201
ENSG00000143340	FAM163A	0,103891764	0	0	0	0,057033543	0	0	0,063886738	0,224812045	0,024979116
ENSG00000188219	POTEE	0	0	0,132624093	0,062245939	0	0	0,0299309	0	0,224800931	0,024977881
ENSG00000157214	STEAP2	0	0,030750229	0	0,089771207	0	0,019026442	0	0,085250698	0,224798577	0,02497762
ENSG00000170788	YD1C1	0	0	0,224721179	0	0	0	0	0	0,224721179	0,02496902
ENSG00000177272	KCNA3	0	0	0,22453966	0	0	0	0	0	0,22453966	0,024948851
ENSG00000170178	HOXD12	0,224532794	0	0	0	0	0	0	0	0,224532794	0,024948088
ENSG00000154734	ADAMTS1	0	0,076014741	0	0,073971644	0,050902557	0,023516737	0	0	0,224405679	0,024933964
ENSG00000212122	TSK1B	0	0	0,224358433	0	0	0	0	0	0,224358433	0,024928715
ENSG00000270011	ZNF559-ZNF177	0	0	0	0,12213198	0	0	0,058727045	0	0,043493218	0,024928027
ENSG00000174175	SELP	0	0	0	0,224299405	0	0	0	0	0,224299405	0,024922156
ENSG00000182870	GALNT9	0	0	0,038560147	0,036195724	0,149445502	0	0	0	0,224201373	0,024911264
ENSG00000080224	EPHA6	0,024020119	0	0,044186949	0,082955007	0	0,052745375	0,019944418	0	0,223851868	0,02487243
ENSG00000134539	KLRD1	0,034714121	0,046199518	0,015964858	0,074829639	0,041249431	0	0	0,010673474	0,22373104	0,024859004
ENSG00000182545	RNASE10	0	0,223451667	0	0	0	0	0	0	0,223451667	0,024827963
ENSG00000284732	AP002512.3	0	0	0,223403232	0	0	0	0	0	0,223403232	0,024822581
ENSG00000257008	GPR142	0	0	0	0,223331805	0	0	0	0	0,223331805	0,024814645
ENSG00000164318	EGFLAM	0,048879369	0	0	0,174244319	0	0	0	0	0,223123689	0,024791521
ENSG00000154143	PANX3	0	0	0	0	0	0	0	0,222971232	0,222971232	0,024774581
ENSG00000143107	FND7	0,049014133	0,173948751	0	0	0	0	0	0	0,222962884	0,024773654
ENSG00000125414	MYH2	0,02373713	0	0	0,122966529	0,056411804	0,019709446	0	0	0,222824909	0,024758323
ENSG00000151136	BTBD11	0	0	0,131851933	0,090732072	0	0	0	0	0,222584005	0,024731556
ENSG00000165863	C1orf82	0	0,222432186	0	0	0	0	0	0	0,222432186	0,024714687
ENSG00000070985	TRPM5	0	0	0,131718816	0,09064047	0	0	0	0	0,222359286	0,024706587
ENSG00000182346	DAOA	0,065843386	0	0	0,156478232	0	0	0	0	0,222321618	0,024702402
ENSG00000128591	FLNC	0,016283467	0,028894612	0	0	0,038698011	0,017878295	0	0,120159389	0,221913774	0,024657086
ENSG00000114270	COL7A1	0,013649225	0	0,075326556	0,117846163	0	0,014986052	0	0	0,221807995	0,024645333
ENSG00000127324	TSPAN8	0	0,221696569	0	0	0	0	0	0	0,221696569	0,024632952
ENSG00000106688	SLC1A1	0	0	0,131321074	0,090366677	0	0	0	0	0,221687844	0,024631983
ENSG00000126218	F10	0	0	0,22150677	0	0	0	0	0	0,22150677	0,024611863
ENSG00000171402	XAGE3	0	0	0	0	0	0,221288063	0	0	0,221288063	0,024587563
ENSG00000155052	CNTNAP5	0,1109883	0,049236504	0	0	0,060929334	0	0	0	0,221154138	0,024572682
ENSG00000171722	SPATA46	0,081067903	0	0,139986574	0	0	0	0	0	0,221054477	0,024561609
ENSG00000173612	GP6RCA6	0	0,105597883	0	0	0	0	0,115455824	0	0,221053707	0,024561523
ENSG00000170681	CAVIN4	0,057786069	0	0,099783929	0	0,063445727	0	0	0	0,221015725	0,024557303
ENSG00000220948	TRIM51GP	0	0	0	0,220995411	0	0	0	0	0,220995411	0,024555046
ENSG00000145526	CDH18	0,023301553	0,041348034	0	0,040236696	0	0,11608666	0	0	0,220972943	0,024552549
ENSG00000185274	GALNT17	0,030870392	0	0,05678858	0,073364156	0,033893887	0	0	0	0,220549261	0,024505485
ENSG00000174498	IGDC3	0,027404891	0,048629307	0	0,065128317	0	0,045509732	0	0,033704484	0,220376732	0,024486304
ENSG00000121361	KCNJ8	0	0	0,220291241	0	0	0	0	0	0,220291241	0,024476805
ENSG00000050820	BCAR1	0,016426848	0,058298076	0	0,02836558	0,117116276	0	0	0	0,22020678	0,02446742
ENSG00000173213	TUBB8P12	0	0	0	0,219912763	0	0	0	0	0,219912763	0,024434751
ENSG00000171435	KSR2	0,024780349	0,014657374	0	0,071317092	0,019630346	0,006858551	0,072249823	0,010158878	0,219652413	0,024405824
ENSG00000175820	CDC1168	0,014079062	0	0,181296999	0	0	0,015393393	0,008657716	0	0,219427169	0,024380797
ENSG00000102195	GPR50	0,154905762	0	0	0	0	0,06431078	0	0	0,219216542	0,024357394
ENSG00000197057	DTHD1	0,053795148	0,047729085	0	0	0	0	0,117634235	0	0,219158469	0,024350941
ENSG00000174640	SLC02A1	0,015366135	0,027266829	0,056534492	0,026533961	0,036517952	0	0	0,056695095	0,218914465	0,024323829
ENSG00000056487	PHF21B	0	0,044638255	0	0,173753937	0	0	0	0	0,218392192	0,024265799
ENSG00000102837	OLFML4	0	0	0,09178156	0,126316406	0	0	0	0	0,218097966	0,024233107
ENSG00000184166	OR1D2	0	0,164605279	0	0,053393692	0	0	0	0	0,217998972	0,024222108
ENSG00000074181	NOTCH3	0,096371537	0	0,083206306	0,038171507	0	0	0	0	0,217749351	0,024194372
ENSG00000163114	PDHA2	0,103784733	0	0	0	0,113949572	0	0	0	0,217734305	0,024192701
ENSG00000256162	SMLR1	0	0,106744427	0,110660867	0	0	0	0	0	0,217405294	0,024156144
ENSG00000171053	PATE1	0,064357143	0	0	0,152946142	0	0	0	0	0,217303285	0,024144809
ENSG00000164930	FZD6	0	0	0,128381291	0,088343799	0	0	0	0		

ENSG00000244694	PTCHD4	0,058377659	0	0,053695209	0,100805476	0	0	0	0	0,212878345	0,023653149
ENSG00000091844	RGS17	0,038101505	0,033805093	0	0,098689476	0	0,041833227	0	0	0,212429301	0,023603256
ENSG00000140451	P1F1	0	0	0,05970363	0	0,077130056	0,035633715	0	0,03991549	0,212382891	0,023598099
ENSG00000177992	SPATA31E1	0,033745103	0	0,062076842	0,116540855	0	0	0	0	0,2123628	0,023595867
ENSG00000111863	ADTRP	0	0	0	0,125751795	0,086534348	0	0	0	0,212286143	0,023587349
ENSG00000168243	GN4	0,058186589	0	0,053519465	0,100475539	0	0	0	0	0,212181592	0,023575732
ENSG00000164171	ITGA2	0,057412831	0,03395922	0	0,033046476	0,045480945	0,042023956	0	0	0,211923427	0,023547047
ENSG00000188263	IL17REL	0	0	0	0,211797869	0	0	0	0	0,211797869	0,023533097
ENSG00000163618	CADPS	0,010304164	0	0,037910685	0,035586086	0,048976139	0,01131337	0,06759657	0	0,211687015	0,023520779
ENSG00000006377	DLX6	0,087727472	0	0	0,075743099	0	0,048159819	0	0	0,21163039	0,023514488
ENSG00000171951	SCG2	0	0	0	0	0,139354886	0	0	0	0,072117393	0,21147228
ENSG00000165478	HEPACAM	0	0,070249411	0,072826853	0,068361272	0	0	0	0	0,211437536	0,02349306
ENSG00000188782	CATSPER4	0,074438705	0	0,136936009	0	0	0	0	0	0,211374714	0,023488079
ENSG000000271567	PPIAL4E	0	0	0	0	0	0,211351053	0	0	0,211351053	0,02348345
ENSG000000277150	F8A3	0	0	0	0	0	0	0	0,211309292	0,211309292	0,02347881
ENSG00000184344	GDF3	0	0	0	0,211112439	0	0	0	0	0,211112439	0,023456938
ENSG000000231887	PRH1	0	0	0	0	0	0,211082159	0	0	0,211082159	0,023453573
ENSG000000274209	ANTXRL	0	0,086469526	0	0,084145429	0	0	0,040461249	0	0,211076203	0,023452911
ENSG00000184949	FAM227A	0,014020279	0,124393208	0	0,072629887	0	0	0	0	0,211043375	0,023449264
ENSG00000187857	OR6C75	0,033073007	0,05868724	0	0	0,078598718	0	0	0,040675536	0,211034501	0,023448278
ENSG00000188051	TMEM221	0,062494033	0	0	0	0,148518421	0	0	0	0,211012454	0,023445828
ENSG00000179934	CCR8	0	0	0,210910546	0	0	0	0	0	0,210910546	0,023434505
ENSG00000120251	GRIA2	0	0	0,031090493	0	0,080330509	0	0,036957227	0,06235763	0,210735859	0,023415095
ENSG00000171864	PRND	0,037957943	0	0	0,131090166	0	0,041675603	0	0	0,210723712	0,023413746
ENSG00000181001	OR52N1	0	0,210720629	0	0	0	0	0	0	0,210720629	0,023413403
ENSG000000223614	ZN7F35	0	0	0	0	0	0	0,210467877	0	0,210467877	0,02338532
ENSG000000212710	CTAGE1	0	0,124283662	0	0	0	0	0	0,086139755	0,210423417	0,02338038
ENSG00000176253	OR4K13	0,075807979	0,134519398	0	0	0	0	0	0	0,210327377	0,023369709
ENSG00000142677	IL22RA1	0	0	0	0,092628674	0	0	0	0,117300166	0,20992884	0,023325427
ENSG00000138068	SULT6B1	0	0	0,209796301	0	0	0	0	0	0,209796301	0,0233107
ENSG000000206026	SMIM21	0,037692834	0	0	0	0,089577835	0	0,08242319	0	0,209693859	0,023299318
ENSG00000125966	MMP24	0	0	0	0	0,082065252	0	0	0,127408493	0,209473745	0,023274861
ENSG00000179008	C14orf39	0	0	0	0	0,209336953	0	0	0	0,209336953	0,023259661
ENSG00000184650	ODF4	0	0	0,209322364	0	0	0	0	0	0,209322364	0,02325804
ENSG00000163519	TRAT1	0	0,106068829	0	0,103217949	0	0	0	0	0,209286778	0,023254086
ENSG00000181143	MUC16	0,031028865	0	0,006342234	0,113113496	0,008193419	0	0,037695023	0,004240167	0,209201178	0,023244575
ENSG00000177291	GJD4	0	0	0	0	0	0	0,209135802	0	0,209135802	0,023237311
ENSG00000120057	SFRP5	0	0,142401487	0	0	0	0,066633209	0	0	0,209034696	0,023226077
ENSG000000260691	ANKRD20A1	0,208972824	0	0	0	0	0	0	0	0,208972824	0,023219203
ENSG00000168079	SCARA5	0	0	0,126931552	0	0	0	0	0	0,208921859	0,02321354
ENSG00000146122	DAAM2	0,023328533	0,041395909	0	0	0,081990306	0,051226732	0,009685089	0	0,208797407	0,023199712
ENSG00000176294	OR4N2	0,040851736	0	0	0,070542032	0,097085034	0	0	0	0,208478802	0,023164311
ENSG000000221818	EBF2	0,10644588	0,03777712	0	0	0	0	0,017676857	0,046553194	0,208453051	0,02316145
ENSG00000168658	VWA3B	0,018190751	0,064558084	0	0,125645829	0	0	0	0	0,208394663	0,023154963
ENSG000000261740	BOLA2-SMG1P6	0	0,078472929	0,081352092	0	0	0,048554456	0	0	0,208379478	0,023153275
ENSG00000173406	DAB1	0	0,035524907	0	0,172850407	0	0	0	0	0,208375314	0,023152813
ENSG00000115616	SLC9A2	0,05050487	0	0	0,043605444	0	0,083177094	0	0,03105724	0,208344647	0,023149405
ENSG00000125255	SLC10A2	0	0	0	0,069048683	0,095029781	0,043903302	0	0	0,207981766	0,023109085
ENSG000000204347	BTBD17	0	0	0	0	0,207942989	0	0	0	0,207942989	0,023104777
ENSG00000143195	ILDR2	0	0,019227162	0	0,037420762	0,07725173	0	0,047387719	0,026652305	0,207939678	0,023104409
ENSG00000174325	DIRC1	0,20785498	0	0	0	0	0	0	0	0,20785498	0,023094998
ENSG00000070748	CHAT	0,040296152	0,071504533	0	0	0,095764678	0	0	0	0,207565363	0,023062818
ENSG00000168484	SFTPC	0,094799605	0	0	0	0,112646657	0	0	0	0,207446262	0,023049585
ENSG00000162438	CTRC	0	0,153839357	0	0	0	0	0,053312255	0	0,207151613	0,023016846
ENSG00000128709	HOXD9	0	0	0	0,139462841	0	0,067060573	0	0	0,206523413	0,022947046
ENSG00000099399	MAGEB2	0	0	0	0	0,20648485	0	0	0	0,20648485	0,022942761
ENSG00000174482	LINGO2	0	0	0	0,206389392	0	0	0	0	0,206389392	0,022932155
ENSG00000072080	SPP2	0	0	0	0,206272707	0	0	0	0	0,206272707	0,02291919
ENSG00000184363	PKP3	0	0	0	0,206272707	0	0	0	0	0,206272707	0,02291919
ENSG00000206538	VGLL3	0,023722225	0,063141758	0,021819474	0,040963104	0,05637638	0	0	0	0,206022941	0,022891438
ENSG00000172955	ADH6	0	0,060927516	0,06316294	0	0,08159078	0	0	0	0,205689535	0,022854393
ENSG00000160963	COL26A1	0	0	0,089642083	0,115807011	0	0	0	0	0,205449094	0,022827677
ENSG000000214960	CRPPA	0,046303224	0	0	0,079955561	0	0	0,050625796	0,028473498	0,205358079	0,022817564
ENSG00000175161	CADM2	0,015126183	0	0	0,104478468	0,035947702	0,012559593	0,037206511	0,025318457	0,022813162	0,022793062
ENSG00000100341	PNPLA5	0	0	0	0,205137559	0	0	0	0	0,205137559	0,022793062
ENSG00000183032	SLC25A21	0,040807608	0	0,07506889	0	0	0,089234288	0	0,025110785	0,204923428	0,022790087
ENSG00000187838	PLSCR3	0	0,094649488	0	0	0	0,044288857	0,065600608	0	0,204538953	0,02272655
ENSG00000125046	SSUH2	0,04813205	0	0	0,041556773	0,114386859	0	0	0	0,204075681	0,022675076
ENSG00000141688	CBLN2	0,027559834	0	0,050698541	0,06589267	0,065496542	0	0,060265287	0	0,204020204	0,022668912
ENSG00000142675	CNKSR1	0	0,067712626	0,070196995	0	0	0	0	0	0,203802291	0,022646499
ENSG00000163098	BIRC8	0,07473322	0	0	0,12904796	0	0	0	0	0,20378118	0,022642353
ENSG00000170054	SERPINA9	0	0	0	0,203775849	0	0	0	0	0,203775849	0,022641761
ENSG00000160401	CFAP157	0,032123846	0,057002976	0,059094409	0,05547087	0	0	0	0	0,203692101	0,022632456
ENSG00000162706	CADM3	0	0	0,203484514	0	0	0	0	0	0,203484514	0,02260939
ENSG00000111405	ENDOU	0,056405588	0,100090332	0	0	0	0,046834764	0	0	0,203330684	0,022592928
ENSG00000162631	NTNG1	0,016536504	0,02934362	0	0	0,039299359	0,054468344	0,036160491	0	0,203269542	0,022585505
ENSG00000178947	SMIM10L2A	0	0	0,053151071	0,149675894	0	0	0	0	0,202826964	0,022536329
ENSG00000133661	SFTPD	0	0,202677249	0	0	0	0	0	0	0,202677249	0,022519694
ENSG00000081842	PCDHA6	0	0	0,085050513	0,117052654	0	0	0	0	0,202103167	0,022455907
ENSG00000140519	RHCG	0	0	0,202040244	0	0	0	0	0	0,202040244	0,022448916
ENSG00000147256	ARHGAP36	0	0	0,084967429	0,116938308	0	0	0	0	0,201905737	0,022433971
ENSG00000128655	PDE11A	0,012318462	0,021858808	0	0,021271295	0,058550182	0,013524951	0,020456563	0,053873737	0,201853999	0,022428222
ENSG00000101198	NKAIN4	0,058321332	0	0	0	0	0	0	0,14345544	0,201776772	0,022419641
ENSG00000149635	OCTAMP	0,073965037	0	0	0,127721476	0	0	0	0	0,201686513	0,022409613
ENSG00000147381	MAGEA4	0	0	0,08469165	0,116558761	0	0	0	0	0,201250411	0,022361157
ENSG00000101441	CST4	0,201212478	0	0	0	0	0	0	0	0,201212478	0,022356942
ENSG000000213999	MEF2B	0	0	0	0	0	0	0,201023821	0	0,201023821	0,02233598
ENSG00000126603	GLIS2	0	0	0,116775554	0	0	0,084227119	0	0	0,201002673	0,022333363
ENSG00000170209	ANKK1	0	0	0,200873729	0	0	0	0	0	0,200873729	0,022319303
ENSG00000249853	HS3ST5	0,073640629	0	0	0,127161294	0	0	0	0	0,200801923	0,022311325
ENSG00000121743	GJA3	0,028981697	0,102854622	0	0	0,068875631	0	0	0	0,200711951	0,022301328
ENSG0											

ENSG00000162733	DDR2	0,056300511	0,024975969	0,025892334	0,07291402	0	0	0	0	0,017310593	0,197393427	0,021932603
ENSG00000124205	EDN3	0	0,197380935	0	0	0	0	0	0	0	0,197380935	0,021931215
ENSG00000274276	CBSL	0,150959611	0	0	0	0	0	0	0	0,046415215	0,021930536	
ENSG00000138100	TRIM54	0	0	0	0	0,129926752	0	0	0	0,06723825	0,021907222	
ENSG00000036473	OTC	0	0	0	0	0	0,197160519	0	0	0	0,197160519	0,021906724
ENSG00000174417	TRHR	0	0	0	0	0	0	0,196921673	0	0	0,196921673	0,021880186
ENSG00000134121	CHL1	0,01292206	0	0,023771173	0,08925431	0	0,042563001	0	0,028256761	0	0,196767305	0,021863034
ENSG00000171724	VAT1L	0	0,065352669	0,067750451	0,063596143	0	0	0	0	0	0,196699262	0,021855474
ENSG00000196188	CTSE	0	0	0	0,196413229	0	0	0	0	0	0,196413229	0,021823692
ENSG00000144730	IL17RD	0,079024459	0,028045393	0	0,054583197	0	0	0	0,03456067	0	0,196213719	0,021801524
ENSG00000237452	BHMG1	0	0	0,101120443	0,094919962	0	0	0	0	0	0,196040405	0,021782267
ENSG00000138795	LEF1	0	0,050017161	0	0,146018452	0	0	0	0	0	0,196035613	0,021781735
ENSG00000074317	SNCB	0	0,133536853	0	0	0	0	0,062485225	0	0	0,196022078	0,021780231
ENSG00000066420	ATP2C2	0,020553668	0,03647198	0	0	0,048846238	0,045133454	0	0,044944854	0	0,195950195	0,021772244
ENSG00000161850	KRT82	0	0	0,195897128	0	0	0	0	0	0	0,195897128	0,021766348
ENSG00000115363	EVA1A	0	0,195367577	0	0	0	0	0	0	0	0,195367577	0,021707509
ENSG00000130957	FBP2	0	0	0,19531061	0	0	0	0	0	0	0,19531061	0,021701179
ENSG00000071203	MS4A12	0	0	0	0,195278707	0	0	0	0	0	0,195278707	0,021697634
ENSG00000170848	PSG6	0,029398944	0	0	0,101531119	0	0	0,064286881	0	0	0,195216943	0,021690771
ENSG00000285589	AC010422.8	0,030071755	0	0	0	0,165085151	0	0	0	0	0,195156906	0,021684101
ENSG00000154240	CEP112	0	0	0,033033925	0,090927343	0	0,047652994	0	0,023527854	0	0,195142116	0,021682457
ENSG00000172061	LRRC15	0	0	0,046797996	0,087856894	0,060457499	0	0	0	0	0,195112389	0,021679154
ENSG00000120156	TEK	0,031455156	0	0,05431619	0,07475386	0,034535924	0	0	0	0	0,195061129	0,021673459
ENSG00000180440	SERTM1	0,195044299	0	0	0	0	0	0	0	0	0,195044299	0,021671589
ENSG00000174992	ZG16	0	0	0	0,114660773	0	0,08012154	0	0	0	0,194782314	0,021642479
ENSG00000114200	BCHE	0,049189639	0	0,08493977	0	0	0	0,060496915	0	0	0,194626324	0,021625147
ENSG00000172179	PRL	0	0,194255834	0	0	0	0	0	0	0	0,194255834	0,021583982
ENSG00000139540	SLC39A5	0,10410649	0	0,089884593	0	0	0	0	0	0	0,193991084	0,021554565
ENSG00000286268	AF196969.1	0,105968142	0	0	0	0	0,08798761	0	0	0	0,193955752	0,021550639
ENSG00000186897	C1QL4	0,072894631	0	0	0	0	0,121051936	0	0	0	0,193946568	0,021549619
ENSG00000115386	REG1A	0	0	0	0	0,193481722	0	0	0	0	0,193481722	0,021497969
ENSG00000101890	GUCY2F	0	0	0,19338586	0	0	0	0	0	0	0,19338586	0,021487318
ENSG00000250803	AC010255.3	0	0,081313485	0,111909487	0	0	0	0	0	0	0,193222972	0,021469219
ENSG00000109061	MYH1	0	0,133559024	0	0,059624364	0	0	0	0	0	0,193183387	0,021464821
ENSG00000249961	TERB1	0,048824094	0	0,084308554	0	0	0	0,060047342	0	0	0,19317999	0,021464443
ENSG00000180269	GRP139	0	0	0	0	0	0,193010846	0	0	0	0,193010846	0,02144565
ENSG00000111816	FRK	0,022616264	0,040132006	0,039053352	0,053748042	0,037247005	0	0	0	0	0,19279667	0,021421852
ENSG00000251537	AC005324.3	0	0	0	0,065128317	0,060177939	0	0,067408967	0	0	0,192715223	0,021412803
ENSG00000151338	MIPOL1	0	0,039724741	0,027454825	0,025771356	0,070936798	0,012392132	0,016317756	0	0	0,192597607	0,021399734
ENSG00000182674	CNKB2	0,120952965	0,071542689	0	0	0	0	0	0	0	0,192495654	0,021388406
ENSG00000171790	SLFN11	0	0	0	0	0,192471667	0	0	0	0	0,192471667	0,021385741
ENSG00000166069	TMCO5A	0,056883332	0	0	0,135184469	0	0	0	0	0	0,192067801	0,021340867
ENSG00000182836	PLCXD3	0,019541002	0,138700116	0,033743046	0	0	0	0	0	0	0,191984165	0,021331574
ENSG00000169744	LDB2	0	0	0,095668185	0,06583273	0,030414405	0	0	0	0	0,19191532	0,021323924
ENSG00000162669	HFM1	0	0	0	0	0	0	0,191792077	0	0	0,191792077	0,021310231
ENSG00000102174	PHEX	0,02324778	0	0	0,110497705	0	0,057909384	0	0	0	0,191654869	0,021294895
ENSG00000138653	NDST4	0	0,072100565	0,074745926	0	0,04461161	0	0	0	0	0,191458101	0,021273122
ENSG00000163518	FCRL4	0,038925958	0	0,067216634	0	0	0	0,085119672	0	0	0,191262265	0,021251363
ENSG00000172000	ZNF556	0	0	0,042284773	0,039691964	0,109253892	0	0	0	0	0,191230629	0,021247848
ENSG00000148357	HMCN2	0,022262521	0,122861115	0,025628343	0	0,008147649	0,012323364	0	0	0	0,191222992	0,021246999
ENSG00000165379	LRFN5	0,049221684	0,043671336	0	0	0,027021267	0,040869815	0	0,030268163	0	0,191052265	0,021228029
ENSG00000135248	FAM71F1	0,059940726	0	0	0	0	0,131072815	0	0	0	0,191013542	0,021223727
ENSG00000285932	AL133353.2	0	0	0	0	0	0,19097463	0	0	0	0,19097463	0,021219403
ENSG00000125816	NKX2-4	0	0	0	0	0,190921262	0	0	0	0	0,190921262	0,021213474
ENSG00000162267	ITH3	0,025521123	0	0,04406941	0,121303004	0	0	0	0	0	0,190893537	0,021210393
ENSG00000168280	KIF5C	0	0	0,056491659	0	0,01358198	0,120705687	0	0	0	0,190779326	0,021197703
ENSG00000143520	FLG2	0,016561878	0	0,030466911	0,028598748	0,078719321	0,036367948	0	0	0	0,190714805	0,021190534
ENSG00000164061	BSN	0,009304265	0,017115947	0,03213287	0,044223575	0	0,00772553	0,080101327	0	0	0,190603515	0,021178168
ENSG00000162763	LRRC52	0	0	0,190602611	0	0	0	0	0	0	0,190602611	0,021178068
ENSG00000149452	SLC22A8	0,017708962	0	0,091738536	0,042085731	0,03888681	0	0	0	0	0,190420039	0,021157782
ENSG00000122584	NXP1	0	0	0	0,190311363	0	0	0	0	0	0,190311363	0,021145707
ENSG00000186675	MAGEE2	0,134380232	0	0	0	0,055789387	0	0	0	0	0,190169619	0,021129958
ENSG00000180697	C3orf22	0,069700448	0	0,120357461	0	0	0	0	0	0	0,190057908	0,021117545
ENSG00000198074	AKR1B10	0,085228748	0	0	0	0	0	0,104820374	0	0	0,190049122	0,021116569
ENSG00000110328	GALNT18	0	0	0,143924421	0	0,045755813	0	0	0	0	0,189680233	0,021075581
ENSG00000185304	RGP02	0	0	0,111542451	0,051170924	0	0	0,026481408	0	0	0,189194783	0,021021643
ENSG00000170500	LONRF2	0	0,019245102	0,019951202	0,149822708	0	0	0	0	0	0,189019012	0,021002112
ENSG00000196832	OR11G2	0	0	0,115637037	0	0	0,073218384	0	0	0	0,188855421	0,020983936
ENSG00000196917	HCAR1	0,09507796	0	0,054726295	0	0	0	0,038977878	0	0	0,188782133	0,020975793
ENSG00000183036	PCP4	0	0	0	0	0	0	0,188676672	0	0	0,188676672	0,020964075
ENSG00000150361	KLHL1	0	0	0,188673156	0	0	0	0	0	0	0,188673156	0,020963684
ENSG00000179528	LBX2	0,066393045	0	0,122135369	0	0	0	0	0	0	0,188528414	0,020947602
ENSG00000204961	PCDH9A	0,13498711	0	0,027591077	0,025899253	0	0	0	0	0	0,18847744	0,020941938
ENSG00000183019	MCEMP1	0	0	0	0,18841424	0	0	0	0	0	0,18841424	0,020934916
ENSG00000140287	HDC	0,038796039	0	0	0	0,064426358	0,084835576	0	0	0	0,188057972	0,02089533
ENSG00000196666	FAM180B	0	0	0,187993498	0	0	0	0	0	0	0,187993498	0,020888166
ENSG00000180251	SLC39A4	0,067490206	0,062076842	0,058270428	0	0	0	0	0	0	0,187837475	0,020870831
ENSG00000197437	OR13G1	0,05884368	0	0	0	0,128673897	0	0	0	0	0,187517577	0,020835286
ENSG00000158525	CPA5	0	0,187507655	0	0	0	0	0	0	0	0,187507655	0,020834184
ENSG00000138738	PRDM5	0,015877963	0,05635011	0,087626384	0,027417776	0	0	0	0	0	0,187272233	0,020808026
ENSG00000198797	BRINP2	0,033639931	0	0	0,079946025	0	0,073560678	0	0	0	0,187146634	0,02079407
ENSG00000263513	FAM72C	0,065786056	0,121018763	0	0	0	0	0	0	0	0,186804819	0,020756091
ENSG00000248713	C4orf54	0,02996442	0,053171128	0	0,103484027	0	0	0	0	0	0,186619576	0,020735508
ENSG00000105492	SLGLEC6	0	0	0,060980363	0	0,038773213	0	0,086864465	0	0	0,186618041	0,020735338
ENSG00000180176	TH	0,186383683	0	0	0	0	0	0	0	0	0,186383683	0,020709298
ENSG00000106633	GCK	0,036517779	0	0,063058235	0,086785293	0	0	0	0	0	0,186313307	0,020706812
ENSG00000153253	SCN3A	0,061427061	0,027250203	0,02825001	0	0,01275105	0,056660525	0	0	0	0,18633885	0,020704317
ENSG000000041515	MYO16	0,034280982	0									

ENSG00000109758	HGFAC	0	0	0	0,183305216	0	0	0	0	0,183305216	0,020367246	
ENSG00000183760	ACP7	0,048635523	0	0	0	0	0,053398963	0,080766226	0	0	0,182800712	0,02031119
ENSG00000221977	OR4E2	0	0	0	0,182791576	0	0	0	0	0	0,182791576	0,020301075
ENSG00000151025	GPR158	0,037829658	0	0	0,097985345	0	0	0	0	0,046525603	0,182340607	0,020260067
ENSG00000134115	CNTN6	0,027439726	0	0	0,094764836	0	0	0	0,060002645	0	0,182207207	0,020245245
ENSG00000224982	TMEM233	0	0	0	0	0	0	0	0,1163502	0,065438916	0,181789116	0,020198791
ENSG00000147059	SPIN2A	0	0	0	0	0,124305138	0,057428375	0	0	0	0,181733513	0,020192613
ENSG00000122194	PLG	0	0	0	0,122696697	0	0	0,058998589	0	0	0,181695285	0,020188365
ENSG00000130643	CALY	0	0,089083721	0,092352192	0	0	0	0	0	0	0,181435913	0,020159546
ENSG00000182759	MAFA	0	0,107085463	0	0	0	0	0	0	0,074219857	0,18130532	0,020145036
ENSG00000204480	PRAMEF19	0	0	0	0,181204843	0	0	0	0	0	0,181204843	0,020133871
ENSG00000164266	SPINK1	0	0,181177027	0	0	0	0	0	0	0	0,181177027	0,020130781
ENSG00000183476	SH2D7	0	0	0	0,181141947	0	0	0	0	0	0,181141947	0,020126883
ENSG00000147573	TRIM55	0	0	0	0	0	0	0	0	0	0,181078131	0,020119792
ENSG00000158901	WFDIC8	0,098829673	0	0	0	0	0	0,082060387	0	0	0,180890061	0,020098896
ENSG00000132837	DMGDH	0	0,051035782	0	0	0	0,031577955	0	0,062892	0,035372387	0,180878125	0,020097569
ENSG00000213714	FAM209B	0	0	0	0	0	0	0,180792986	0	0	0,180792986	0,02008811
ENSG00000266826	AC011195.2	0	0,180445491	0	0	0	0	0	0	0	0,180445491	0,020049499
ENSG00000103067	ESRP2	0	0	0	0	0	0	0,180435495	0	0	0,180435495	0,020048388
ENSG00000156219	ART3	0	0	0	0,079601884	0	0	0	0,100803712	0	0,180405596	0,020045066
ENSG00000114349	GNAT1	0	0	0	0	0	0,060243492	0	0,119983503	0	0,180226995	0,020025222
ENSG00000152670	DDX4	0,039464761	0	0,072598616	0,068147029	0	0	0	0	0	0,180210406	0,020023378
ENSG00000158008	EXTL1	0	0	0,122539166	0,057512668	0	0	0	0	0	0,180051834	0,020005759
ENSG00000250151	ARPC4-TLL3	0	0	0	0	0	0,180011476	0	0	0	0,180011476	0,020001275
ENSG00000109927	TECTA	0	0	0,033159978	0,124506728	0	0	0	0,022169453	0,179836159	0,179836159	0,019981795
ENSG00000165887	ANKRD2	0	0	0,179831133	0	0	0	0	0	0	0,179831133	0,019981237
ENSG00000163888	CAMK2N2	0	0	0,179707283	0	0	0	0	0	0,179707283	0,179707283	0,019967476
ENSG00000206113	CFAP99	0,029070906	0	0	0,15059733	0	0	0	0	0	0,179668237	0,019963137
ENSG00000159409	CELF3	0	0,120811895	0	0,058782378	0	0	0	0	0	0,179594272	0,019954919
ENSG00000177459	ERICH5	0	0	0,179341999	0	0	0	0	0	0	0,179341999	0,019926889
ENSG00000172320	OR5A1	0,017546513	0	0,032278228	0	0	0	0	0,129479695	0,179304436	0,179304436	0,019922715
ENSG00000170276	HSPB2	0	0	0	0	0	0	0	0	0	0,179253346	0,019917038
ENSG00000113905	HRG	0,17914709	0	0	0	0	0	0	0	0	0,17914709	0,019905232
ENSG00000204305	AGER	0	0	0	0	0	0	0	0	0,179129178	0,179129178	0,019903242
ENSG00000087258	GNAO1	0,01115866	0	0,020527256	0,03853714	0,026518797	0	0	0,082342278	0,17908413	0,17908413	0,019898237
ENSG00000204909	SPINK9	0,179040961	0	0	0	0	0	0	0	0,179040961	0,179040961	0,01989344
ENSG00000277322	GOLGA6L6	0	0	0	0	0,178977096	0	0	0	0	0,178977096	0,019886344
ENSG00000077498	TYR	0	0	0,107204049	0	0	0	0	0	0,071672396	0,178876445	0,019875161
ENSG00000139915	MDGA2	0	0,031906473	0	0	0,08546348	0	0,039318725	0,022114055	0,178802734	0,178802734	0,01986697
ENSG00000205090	TMEM240	0	0	0	0	0,178754376	0	0	0	0	0,178754376	0,019861597
ENSG00000105270	CLIP3	0,04013561	0	0	0,138610876	0	0	0	0	0	0,178746486	0,019860721
ENSG00000149403	GRIK4	0	0,107	0,036975273	0,034708031	0	0	0	0	0	0,178683303	0,0198537
ENSG00000106823	ECM2	0	0	0	0	0	0	0,178659952	0	0	0,178659952	0,019851106
ENSG00000128276	RFPL3	0	0,178642239	0	0	0	0	0	0	0,178642239	0,178642239	0,019849138
ENSG00000141052	MYOCD	0,05107963	0	0,031321701	0,058802248	0	0	0,037232064	0	0,178435643	0,178435643	0,019826183
ENSG00000163092	XIRP2	0,069577425	0,041154478	0	0,040048342	0,027558709	0	0	0	0	0,178338954	0,019815439
ENSG00000099625	CBARP	0	0	0	0,056836196	0	0	0	0,121441857	0,178278053	0,178278053	0,019808673
ENSG00000128253	RFPL2	0	0,177990043	0	0	0	0	0	0	0,177990043	0,177990043	0,019776671
ENSG00000174450	GOLGA6L2	0	0	0,091742607	0,086117153	0	0	0	0	0	0,17785976	0,019762196
ENSG00000101204	CHRNA4	0,013676402	0	0,075476541	0,023616162	0,065004533	0	0	0	0	0,177773638	0,019752626
ENSG00000025423	HSD17B6	0	0	0,122350396	0	0	0	0,055224618	0	0	0,177575014	0,019730557
ENSG00000168269	FOXI1	0,065105804	0	0	0,112423513	0	0	0	0	0	0,177529317	0,01972548
ENSG00000164122	ASB5	0,111548157	0,065979823	0	0	0	0	0	0	0,17752798	0,17752798	0,019725331
ENSG00000135903	PAX3	0	0	0,070028996	0,065734973	0	0	0,041621686	0	0,177385655	0,177385655	0,019709517
ENSG00000171199	OPRPN	0	0	0	0	0	0	0	0,177334468	0,177334468	0,177334468	0,01970383
ENSG00000173809	AC008736.1	0,02150734	0	0	0,111415446	0	0,017858003	0,026451256	0,177232045	0,177232045	0,177232045	0,019692449
ENSG00000187714	SLC18A3	0	0	0	0,108226866	0,068814009	0	0	0	0,177040876	0,177040876	0,019671208
ENSG00000167098	SUN5	0	0	0,176905068	0	0	0	0	0	0,176905068	0,176905068	0,019656119
ENSG00000125861	GFRA4	0	0,176758075	0	0	0	0	0	0	0,176758075	0,176758075	0,019639786
ENSG00000167080	B4GALNT2	0,016863137	0	0	0,145594786	0	0,014001823	0	0	0,176459745	0,176459745	0,019606638
ENSG00000169302	STK32A	0	0,101620263	0	0,032962983	0	0	0,041742618	0	0,176325864	0,176325864	0,019591763
ENSG00000270765	GAS2L2	0	0,088965494	0	0,086574311	0	0	0	0	0,175539806	0,175539806	0,019504442
ENSG00000167791	CABP2	0	0	0	0,175359526	0	0	0	0	0,175359526	0,175359526	0,019484392
ENSG00000187135	VSTM2B	0	0	0	0,175359526	0	0	0	0	0,175359526	0,175359526	0,019484392
ENSG00000181392	SYNE4	0	0	0,102407761	0	0	0,072938196	0	0,175345956	0,175345956	0,175345956	0,019482884
ENSG00000243137	PSG4	0,024085204	0	0	0,124769672	0,136858819	0,026444147	0	0	0,175299023	0,175299023	0,019477669
ENSG00000183853	KIRREL1	0,038391913	0	0	0,136858819	0	0	0	0,175250733	0,175250733	0,175250733	0,019472304
ENSG00000173157	ADAMTS20	0,041731723	0,03702596	0	0,036030789	0	0,034650741	0,02566232	0,175101533	0,175101533	0,175101533	0,019455726
ENSG00000250821	EXOC1L	0,175099155	0	0	0	0	0	0	0,175099155	0,175099155	0,175099155	0,019455462
ENSG00000276747	PADI6	0,063067851	0,111912354	0	0	0	0	0	0,174980205	0,174980205	0,174980205	0,019442245
ENSG00000163689	C3orf67	0	0,056719619	0	0	0	0,013270263	0,104844389	0	0,174834271	0,174834271	0,01942603
ENSG00000240505	TNFRSF13B	0	0	0,07350281	0,101159871	0	0	0	0,174662685	0,174662685	0,174662685	0,019406965
ENSG00000268964	ERVV-2	0	0,088379038	0	0,086003617	0	0	0	0,174382655	0,174382655	0,174382655	0,019375851
ENSG00000105392	CRX	0,075668789	0	0	0,043554494	0	0,055155161	0	0,174378443	0,174378443	0,174378443	0,019375383
ENSG00000180739	S1PR5	0,1078206	0	0	0	0	0	0,066302719	0,174123319	0,174123319	0,174123319	0,019347035
ENSG00000185681	MORN5	0,174090519	0	0	0	0	0	0	0,174090519	0,174090519	0,174090519	0,019343391
ENSG00000266265	KLF14	0	0	0,088693057	0	0	0,085295943	0	0,173989	0,173989	0,173989	0,019332111
ENSG00000260802	SERTM2	0	0	0	0	0,026370393	0,069448207	0,078119597	0,173938198	0,173938198	0,173938198	0,019326466
ENSG00000166450	PRTG	0,010328815	0,01900069	0,05350683	0	0,056702179	0,034304944	0	0,173843459	0,173843459	0,173843459	0,01931594
ENSG00000186326	RGS9BP	0,052215125	0	0	0	0,057329156	0	0,064217872	0,173762153	0,173762153	0,173762153	0,019306906
ENSG00000165623	UCMA	0,173690311	0	0	0	0	0	0	0,173690311	0,173690311	0,173690311	0,019298923
ENSG00000203837	PNLIPRP3	0,063652304	0	0,109913637	0	0	0	0	0,173565942	0,173565942	0,173565942	0,019285105
ENSG00000071909	MYO3B	0,110085408	0	0,063364491	0	0	0	0	0,1734499	0,1734499	0,1734499	0,019272211
ENSG00000241322	CDRT1	0	0	0	0	0	0	0,173445191	0,173445191	0,173445191	0,173445191	0,019271688
ENSG00000102104	RS1	0,173441114	0	0	0	0	0	0	0,173441114	0,173441114	0,173441114	0,019271235
ENSG00000185742	C11orf87	0	0	0	0,061032893	0	0	0,112316304	0	0,173349197	0,173349197	0,019261022
ENSG00000100583</												

ENSG00000204025	TRPC5OS	0,050053187	0	0	0	0,118952482	0	0	0	0,169005668	0,018778408
ENSG00000183035	CYLC1	0	0	0	0	0,168758244	0	0	0	0,168758244	0,018750916
ENSG00000107447	DNNT	0	0	0	0	0	0	0,168675124	0	0,168675124	0,01874168
ENSG00000181552	EDDM3B	0,16865019	0	0	0	0	0	0	0	0,16865019	0,01873891
ENSG00000105641	SLC5A5	0	0	0	0,070906243	0,097586289	0	0	0	0,168492532	0,018721392
ENSG00000271741	AC114490.2	0	0	0	0,168399467	0	0	0	0	0,168399467	0,018711052
ENSG000000664218	DMRT3	0	0,099422321	0	0	0	0	0	0,06890861	0,168330932	0,018703437
ENSG00000066032	CTNNA2	0	0,035586198	0,110675554	0	0	0,022018656	0	0	0,168280408	0,018697823
ENSG00000180316	PNPLA1	0,049805725	0	0	0	0,118364384	0	0	0	0,16817011	0,018685568
ENSG00000204478	PRAMEF20	0	0,167903569	0	0	0	0	0	0	0,167903569	0,018655952
ENSG00000163762	TM4SF18	0,104046755	0	0,063800803	0	0	0	0	0	0,167847558	0,018649729
ENSG00000134917	ADAMTS8	0	0,064752958	0	0,063012551	0	0,040065341	0	0	0,16783085	0,018647872
ENSG00000164764	SBSPO	0	0	0	0	0,167811936	0	0	0	0,167811936	0,018645771
ENSG00000143297	FCRL5	0,024345186	0,086399871	0	0,042038823	0	0	0	0,01497072	0,167754601	0,01863394
ENSG00000058335	RASGRF1	0	0	0,027996787	0	0	0,083548483	0	0,05615264	0,16769791	0,018633101
ENSG00000165828	PRAP1	0	0	0	0	0	0	0,167517132	0	0,167517132	0,018613015
ENSG00000263264	AC119396.1	0	0	0	0,167480728	0	0	0	0	0,167480728	0,01860897
ENSG00000136488	CSH1	0	0	0,167457891	0	0	0	0	0	0,167457891	0,018606432
ENSG00000283515	AC020915.5	0	0	0	0	0	0	0	0,167393398	0,167393398	0,018599266
ENSG00000080709	KCNN2	0	0,041322546	0,085677331	0,040211893	0	0	0	0	0,16721177	0,018579086
ENSG00000124466	LYPD3	0,061252765	0	0	0,105770156	0	0	0	0	0,167022921	0,018558102
ENSG00000203995	ZYG11A	0	0	0	0,166767133	0	0	0	0	0,166767133	0,018529681
ENSG00000205857	NANOGNB	0	0	0	0	0	0,166576884	0	0	0,166576884	0,018508543
ENSG00000213901	SLC23A3	0	0,074463205	0	0	0	0	0,09176189	0	0,166225095	0,018469455
ENSG00000165794	SLC39A2	0	0	0	0,165673	0	0	0	0	0,165673	0,018408111
ENSG00000135577	NMBR	0	0	0,165567877	0	0	0	0	0	0,165567877	0,018396431
ENSG00000152592	DMP1	0	0	0,103646569	0	0	0,061860767	0	0	0,165507336	0,018389704
ENSG00000184999	SLC22A10	0	0,083794375	0	0,08154218	0	0	0	0	0,165336555	0,018370728
ENSG00000261739	GOLGA8S	0	0	0	0	0,165149479	0	0	0	0,165149479	0,018349942
ENSG00000224586	GPX5	0	0	0	0	0	0	0,165052232	0	0,165052232	0,018339137
ENSG00000169327	OR5AU1	0,0179701	0,031887501	0	0,093091322	0	0	0	0,022100906	0,16504983	0,01833887
ENSG00000109132	PHOX2B	0	0,048871465	0	0	0,116144095	0	0	0	0,16501556	0,018335062
ENSG00000136099	PCDH8	0,058683717	0,052066408	0,053976718	0	0	0	0	0	0,164726843	0,018302983
ENSG00000186788	SPATA31D3	0	0,031580057	0	0,058094065	0	0,075050688	0	0	0,164724809	0,018302757
ENSG00000146469	VIP	0	0	0	0,164627444	0	0	0	0	0,164627444	0,018291972
ENSG00000197753	LHFPL5	0	0	0	0,069231885	0,095281916	0	0	0	0,164513801	0,018279311
ENSG00000170423	KRT78	0	0,164504295	0	0	0	0	0	0	0,164504295	0,018278255
ENSG00000139194	RBP5	0	0	0	0	0	0,1644307	0	0	0,1644307	0,018270078
ENSG00000167311	ART5	0	0	0,164387995	0	0	0	0	0	0,164387995	0,018265333
ENSG00000138944	SHISAL1	0,088201121	0	0	0,076152043	0	0	0	0	0,164353164	0,018261463
ENSG00000101203	COL20A1	0,027539743	0	0	0,071332689	0,065448796	0	0	0	0,164321227	0,018257914
ENSG00000134757	DSG3	0	0	0	0	0,064369518	0	0	0,099935395	0,164304913	0,018256101
ENSG00000236032	OR5H14	0,020517389	0,072815207	0	0,070858106	0	0	0	0	0,164190702	0,018243411
ENSG00000166211	SPIC	0	0	0	0	0	0	0	0	0,164175373	0,018241708
ENSG00000135517	MIP	0	0	0	0	0	0,093391825	0,070627825	0	0,16401965	0,018224406
ENSG00000007384	RHBDF1	0	0	0	0,05310032	0,073080493	0	0	0,037819805	0,164000618	0,018222291
ENSG00000214814	FER1L6	0,049945652	0	0	0,059348462	0	0	0,054608258	0	0,163902372	0,018211375
ENSG00000124249	KCNK15	0,060107626	0	0	0,10379275	0	0	0	0	0,163900376	0,018211153
ENSG00000244588	RAD21L1	0	0	0	0,095580577	0	0	0,068075649	0	0,163656226	0,018184025
ENSG00000103089	FA2H	0	0,163551083	0	0	0	0	0	0	0,163551083	0,018172343
ENSG00000181752	OR8K5	0,163539579	0	0	0	0	0	0	0	0,163539579	0,018171064
ENSG00000188883	KLRG2	0	0	0	0	0,163458144	0	0	0	0,163458144	0,018162016
ENSG00000173464	RNASE11	0,163274523	0	0	0	0	0	0	0	0,163274523	0,018141614
ENSG00000198917	SPOUT1	0	0	0	0	0	0	0,162809043	0	0,162809043	0,018089894
ENSG00000206262	FOXJ2NB	0	0	0,162783583	0	0	0	0	0	0,162783583	0,018087065
ENSG00000185056	Csor47	0	0	0	0,09498907	0	0	0,067654358	0	0,162643428	0,018071492
ENSG00000148735	PLEKHS1	0,081038919	0	0	0	0	0,022429448	0,059069461	0	0,162537828	0,018059759
ENSG00000104140	RHOV	0	0,162510303	0	0	0	0	0	0	0,162510303	0,0180567
ENSG00000196468	FGF16	0	0,162510303	0	0	0	0	0	0	0,162510303	0,0180567
ENSG00000049768	FOXP3	0	0	0	0,162475078	0	0	0	0	0,162475078	0,018052786
ENSG00000222355	GABRA1	0	0,162461072	0	0	0	0	0	0	0,162461072	0,01805123
ENSG00000186895	FGF3	0	0	0	0,162373973	0	0	0	0	0,162373973	0,018041553
ENSG00000183463	URAD	0,162309958	0	0	0	0	0	0	0	0,162309958	0,01803444
ENSG00000001617	SEMA3F	0	0	0	0,162205745	0	0	0	0	0,162205745	0,018022861
ENSG00000145192	AHSG	0	0	0	0	0,162056653	0	0	0	0,162056653	0,018006295
ENSG00000156920	ADGRG4	0,075000283	0	0	0	0,035647959	0,032938371	0	0,018448136	0,16203475	0,018003861
ENSG00000258984	UBE2F-SCLY	0	0	0	0	0	0,103856386	0	0,058167926	0,162024312	0,018002701
ENSG000002015182	MUC5AC	0	0	0,079659588	0,014955008	0,041164322	0	0,007191101	0,018938249	0,161908268	0,017989808
ENSG00000171388	APLN	0	0	0	0,161870332	0	0	0	0	0,161870332	0,017985592
ENSG00000206072	SERPINB11	0,040884895	0	0	0,07059929	0	0	0,05028315	0	0,161767334	0,017974148
ENSG00000124568	SLC17A1	0	0	0	0	0	0	0,161660747	0	0,161660747	0,017962305
ENSG00000204941	PSG5	0,064604776	0,057319795	0	0	0	0	0,039727773	0	0,161652344	0,017961372
ENSG00000072041	SLC6A15	0	0,030725564	0	0,089699201	0,041150171	0	0	0	0,161574936	0,017952771
ENSG00000167723	TRPV3	0,10815685	0	0,053360936	0	0	0	0	0	0,161517786	0,017946421
ENSG00000196503	ARL9	0,161500432	0	0	0	0	0	0	0	0,161500432	0,017944492
ENSG00000258083	OR9A4	0	0	0	0	0	0	0,161423824	0	0,161423824	0,01793598
ENSG00000176919	C8G	0	0	0	0	0	0	0,161325106	0	0,161325106	0,017925012
ENSG00000174970	OR10AG1	0	0,161098689	0	0	0	0	0	0	0,161098689	0,017899854
ENSG00000134668	SPOCD1	0,085312955	0,075692872	0	0	0	0	0	0	0,161005827	0,017889536
ENSG00000198759	EGFL6	0,057874596	0,102697051	0	0	0	0	0	0	0,160571647	0,017841294
ENSG00000079841	RIMS1	0,011816591	0,020968251	0	0,061214023	0	0,012973927	0,009811568	0,043598652	0,160383013	0,017820335
ENSG00000139364	TMEM132B	0	0,019246077	0	0,132935095	0	0	0,007990214	0	0,160171386	0,017796821
ENSG00000146276	GABRR1	0,039997504	0,07097459	0	0	0	0	0	0,049191774	0,160163868	0,017795985
ENSG00000108602	ALDH3A1	0	0	0	0,067285966	0,092603802	0	0	0	0,159889767	0,01776553
ENSG00000185933	CALHM1	0,09899153	0	0	0	0	0	0,060873411	0	0,159864941	0,017762771
ENSG00000173376	NDNF	0,084584702	0,075046739	0	0	0	0	0	0	0,159631442	0,017736827
ENSG00000150275	PCDH15	0	0	0,018023737	0,050755685	0,046569091	0,010757348	0	0,021424792	0,159580612	0,017731179
ENSG00000115665	SLC5A7	0,058479323	0	0,100981027	0	0	0	0	0	0,15946035	0,017717817
ENSG00000149972	CNTN5	0,066371174	0,05888701	0	0	0	0	0,013777351	0,020406997	0,159442532	0,017715837
ENSG00000184814	PRR23B	0,159399336	0	0	0	0	0	0	0	0,159399336	0,017711037
ENSG00000103647	CORO2B	0	0	0,06952979	0	0,089824298	0	0	0	0,159354087	0,01770601
ENSG00000137571	SLC05A1	0	0	0,056117916	0	0,036248869	0	0,066707291	0	0,159074076	0,017674897
ENSG00000173702	MUC13	0	0	0,158891168	0	0	0	0	0	0,158891168	0,017654574
ENSG00000147689	FAM83A	0,023921255	0	0	0,082613574	0	0	0,052308781	0	0,15884361	0,01764929
ENSG00000178796	RIAD1	0	0	0	0	0,158831288	0	0	0	0,158831288	0,017647921
ENSG00000138669	PRKG2	0,029536859	0	0	0	0	0	0,1			

ENSG00000196098	OR5K4	0,156429162	0	0	0	0	0	0	0	0,156429162	0,017381018	
ENSG00000011664	GNB3	0,043965834	0	0	0,075919399	0	0	0,03650577	0	0	0,156391003	0,017376778
ENSG00000019693	NP1PB9	0	0	0	0	0	0,156298235	0	0	0	0,156298235	0,017366471
ENSG000000117013	KCNQ4	0	0	0	0,118391549	0	0,037638516	0	0	0	0,156030065	0,017336674
ENSG000000078725	BRINP1	0,15602537	0	0	0	0	0	0	0	0	0,15602537	0,017336152
ENSG000000255298	OR8G5	0	0	0	0,155875134	0	0	0	0	0	0,155875134	0,017319459
ENSG000000083307	GRHL2	0,024935738	0,044247855	0	0	0,059260321	0,027377983	0	0	0	0,155821896	0,017313544
ENSG000000129514	FOXA1	0,034234384	0,121496149	0	0	0	0	0	0	0	0,155730533	0,017303393
ENSG000000167104	BP1FB6	0	0	0	0,155689126	0	0	0	0	0	0,155689126	0,017298792
ENSG000000135222	CSN2	0	0	0	0	0	0,15563844	0	0	0	0,15563844	0,01729316
ENSG000000149488	TMC2	0	0,155414606	0	0	0	0	0	0	0	0,155414606	0,01728629
ENSG000000183638	RP1L1	0	0,120216095	0	0	0	0	0,014063028	0	0,020830141	0,155109264	0,017234363
ENSG000000183668	PSG9	0	0	0	0,155072291	0	0	0	0	0	0,155072291	0,017230255
ENSG000000176746	MAGEB6	0,155064721	0	0	0	0	0	0	0	0	0,155064721	0,017229413
ENSG000000111087	GLI1	0,033138283	0	0,121921096	0	0	0	0	0	0	0,155059379	0,01722882
ENSG000000182253	SYNM	0	0	0	0,066743823	0,045928833	0	0	0,042260464	0	0,154933119	0,017214791
ENSG000000144227	NXP2	0,055780942	0,098981912	0	0	0	0	0	0	0	0,154762854	0,017195873
ENSG000000178343	SHISA3	0	0	0	0	0,154658718	0	0	0	0	0,154658718	0,017184302
ENSG000000204278	TMEM235	0,058074777	0	0	0	0	0	0,096441454	0	0	0,154516232	0,01716847
ENSG000000101438	SLC32A1	0	0,105153726	0	0	0	0	0,049204052	0	0	0,154357777	0,017150864
ENSG000000176092	CRYBG2	0	0	0,040316185	0,037844086	0,052083762	0,024062448	0	0	0	0,154306482	0,017145165
ENSG000000143105	KCNA10	0,154273171	0	0	0	0	0	0	0	0	0,154273171	0,017141463
ENSG000000158296	SLC13A3	0,024956329	0	0	0,129282399	0	0	0	0	0	0,154238727	0,017137636
ENSG000000147166	ITGB1BP2	0,069158156	0	0	0	0	0	0	0,085055617	0	0,154213773	0,017134864
ENSG000000171989	LDHALB6	0	0	0	0,154125797	0	0	0	0	0	0,154125797	0,017125089
ENSG000000164694	FNDC1	0,044119875	0,039144818	0	0	0,052425919	0	0,018316837	0	0	0,154007448	0,017111939
ENSG000000137252	HCRT2	0,153880418	0	0	0	0	0	0	0	0	0,153880418	0,017097824
ENSG000000178217	SH2D4B	0	0	0,060641383	0,056922987	0	0,036193407	0	0	0	0,153757777	0,017084179
ENSG000000231192	OR5H1	0,050378587	0	0	0,043496412	0,059862901	0	0	0	0	0,153737899	0,017081989
ENSG000000128510	CPA4	0	0	0,070232466	0	0	0	0	0,083485237	0	0,153717703	0,017079745
ENSG000000069206	ADAM7	0	0	0	0,116410874	0	0,037008828	0	0	0	0,153419702	0,017046634
ENSG000000183770	FOX12	0	0	0	0,08954529	0	0	0	0	0,063777118	0,153322408	0,017035823
ENSG000000283597	FAM169B	0,035698221	0	0	0	0	0,117583683	0	0	0	0,153281904	0,017031323
ENSG000000132297	HHLA1	0,024598823	0,043650008	0	0,084953597	0	0	0	0	0	0,153202429	0,017022492
ENSG000000168447	SCNN1B	0	0	0	0,067233954	0	0,08549888	0	0	0	0,152732834	0,016970315
ENSG000000146378	TAR2	0	0	0	0	0	0	0	0,152708728	0	0,152708728	0,016967636
ENSG000000179407	DNAJB8	0	0	0,152526803	0	0	0	0	0	0	0,152526803	0,016947423
ENSG000000198681	MAGEA1	0	0	0	0,152504369	0	0	0	0	0	0,152504369	0,01694493
ENSG000000139780	METTL21C	0	0	0	0	0	0,152491339	0	0	0	0,152491339	0,016943482
ENSG000000221986	MYBPHL	0	0,1524440023	0	0	0	0	0	0	0	0,152440023	0,01693778
ENSG000000197506	SLC28A3	0,029846054	0	0	0,051537621	0,070929793	0	0	0	0	0,152313468	0,016923719
ENSG000000154478	GPR26	0	0	0	0,104179521	0,047793125	0	0	0	0	0,151972647	0,01688585
ENSG000000205212	CDC144NL	0	0	0	0,151882989	0	0	0	0	0	0,151882989	0,016875888
ENSG000000214897	PNMA6E	0	0	0	0	0,103851227	0,047978767	0	0	0	0,151829994	0,016869999
ENSG000000271383	NBPF19	0	0	0	0,15177256	0	0	0	0	0	0,15177256	0,016863618
ENSG000000181273	OR5AK2	0,15171744	0	0	0	0	0	0	0	0	0,15171744	0,016857493
ENSG000000176299	OR4M1	0	0	0	0	0	0,046801291	0	0	0,104849942	0,151651233	0,016850137
ENSG000000183379	SYNDIG1L	0,055575789	0	0	0,095967258	0	0	0	0	0	0,151543047	0,016838116
ENSG000000176230	OR4K17	0	0	0	0,050874435	0	0	0,064424755	0,036234456	0	0,151533645	0,016837072
ENSG000000204262	COL5A2	0,041292682	0,109909277	0	0	0	0	0	0	0	0,15120196	0,016800218
ENSG000000107821	KAZALD1	0	0,074215887	0,076938859	0	0	0	0	0	0	0,151154746	0,016794972
ENSG000000101638	ST8SIA5	0	0	0,033052755	0,06823438	0	0,007946693	0,041856301	0	0	0,151090129	0,016787792
ENSG000000170615	SLC26A5	0,044746986	0	0	0	0,10634218	0	0	0	0	0,151089166	0,016787685
ENSG000000217930	PAM16	0	0	0	0	0	0,071175709	0	0,079728238	0	0,150903946	0,016767105
ENSG000000106078	COBL	0,021062174	0	0,038745571	0,090924446	0	0	0	0	0	0,151089166	0,016748021
ENSG000000188626	GOLGA8M	0	0	0	0	0,150690805	0	0	0	0	0,150903946	0,016743423
ENSG000000158220	ESYT3	0,030788625	0	0,056638162	0,026582618	0,036584917	0	0	0	0	0,150594321	0,016732702
ENSG000000165194	PCDH19	0,015488988	0	0,028493245	0,053492205	0	0	0,033869882	0,019049459	0	0,150393779	0,01671042
ENSG000000112981	NME5	0	0	0	0	0,150321282	0	0	0	0	0,150321282	0,016702365
ENSG000000165462	PHOX2A	0	0,150303812	0	0	0	0	0	0	0	0,150303812	0,016700424
ENSG000000255582	OR10G2	0	0	0	0	0,150145318	0	0	0	0	0,150145318	0,016682813
ENSG000000122121	XPNPEP2	0	0	0	0,102663677	0,047430125	0	0	0	0	0,150093802	0,016677089
ENSG000000134007	ADAM20	0,054064605	0,095936315	0	0	0	0	0	0	0	0,15000092	0,016666769
ENSG000000124429	POF1B	0	0,066985261	0	0	0	0,082893119	0	0	0	0,14987838	0,016653153
ENSG000000259417	CTXND1	0,043844645	0	0	0	0,052098875	0	0,053923262	0,149866782	0,016651865	0,149866782	0,016651865
ENSG000000185052	SLC24A3	0	0	0,070678896	0	0	0,031901941	0,04725312	0,04725312	0,016648217	0,149833957	0,016648217
ENSG000000157060	SHCBP1L	0	0	0	0,087503345	0	0	0	0,062322777	0,149826122	0,016647347	0,149826122
ENSG000000127515	OR7A10	0,081814061	0	0	0	0	0,067931961	0	0	0,149746022	0,016638447	0,149746022
ENSG000000186765	FSCN2	0,14968853	0	0	0	0	0	0	0	0,14968853	0,016632059	0,14968853
ENSG000000169344	UMOD	0,044326949	0	0	0	0,105343955	0	0	0	0,149670904	0,0166301	0,149670904
ENSG000000145692	BHMT	0	0	0,149661586	0	0	0	0	0	0,149661586	0,016629065	0,149661586
ENSG000000188992	LIP1	0	0	0,149618678	0	0	0	0	0	0,149618678	0,016624298	0,149618678
ENSG000000108448	TRIM16L	0	0	0,120552079	0	0	0,028983676	0	0	0,149535754	0,016615084	0,149535754
ENSG000000189058	APOD	0,14946644	0	0	0	0	0	0	0	0,14946644	0,016607382	0,14946644
ENSG000000253148	RGS21	0	0,149465998	0	0	0	0	0	0	0,149465998	0,016607333	0,149465998
ENSG000000197651	CCE1	0	0	0	0	0,110702078	0,038677661	0,038677661	0,038677661	0,016597749	0,149379739	0,016597749
ENSG000000286106	AC253572.1	0	0	0	0	0,149334452	0	0	0	0,149334452	0,016592717	0,149334452
ENSG000000121653	MAPK8IP1	0	0	0,149190952	0	0	0	0	0	0,149190952	0,016576772	0,149190952
ENSG000000067840	PDZD4	0,034810083	0	0	0	0,038219437	0	0,076119458	0	0,149148978	0,016572109	0,149148978
ENSG000000135355	GJA10	0	0	0	0,149135192	0	0	0	0	0,149135192	0,016570577	0,149135192
ENSG000000206075	SERP1NB5	0	0	0	0	0	0	0,148995074	0,148995074	0,016555008	0,148995074	0,016555008
ENSG000000240771	ARHGEF25	0	0	0,148978004	0	0	0	0	0	0,148978004	0,016553112	0,148978004
ENSG000000198753	PLXNB3	0	0	0,148956743	0	0	0	0	0	0,148956743	0,016550749	0,148956743
ENSG0000000095713	CRTAC1	0	0,075469181	0	0,073440747	0	0	0	0	0,148909928	0,016545548	0,148909928
ENSG000000106809	OGN	0	0,06670199	0	0	0	0	0,082197654	0,082197654	0,016544405	0,148899644	0,016544405
ENSG000000182566	CLEC4G	0	0	0,148765664	0	0	0	0	0	0,148765664	0,016529518	0,148765664
ENSG000000101049	SGK2	0,029149416	0	0,050334679	0,069274217	0	0	0	0	0,148758312	0,016528701	0,148758312
ENSG000000188822	CNR2	0	0	0,148680897	0	0	0	0	0	0,148680897	0,0165201	0,148680897
ENSG000000160867	FGFR4	0,094247757	0	0,054248435	0	0	0	0	0	0,1		

ENSG00000178279	TNP2	0	0	0	0,14610021	0	0	0	0	0,14610021	0,016233357
ENSG00000173572	NLRP13	0,042209657	0	0	0	0	0	0	0,103824873	0,146034529	0,016226059
ENSG00000180988	OR52N2	0,146000551	0	0	0	0	0	0	0	0,146000551	0,016222283
ENSG00000146039	SLC17A4	0,032616139	0	0	0	0,07751296	0,035810614	0	0	0,145939713	0,016215524
ENSG00000150594	ADRA2A	0	0,0716	0,074226996	0	0	0	0	0	0,145826996	0,016203
ENSG00000146233	CYP39A1	0,145718969	0	0	0	0	0	0	0	0,145718969	0,016190997
ENSG00000146383	TAAR6	0,145578584	0	0	0	0	0	0	0	0,145578584	0,016175398
ENSG00000103460	TOX3	0,067120479	0,039701214	0	0,038634139	0	0	0	0	0,145455832	0,016161759
ENSG00000172969	FRG2C	0,14543847	0	0	0	0	0	0	0	0,14543847	0,01615983
ENSG00000102362	SYTL4	0,020343372	0,036098815	0	0	0	0	0,088969997	0	0,145412184	0,016156909
ENSG00000167178	ISLR2	0	0	0	0	0	0,113501335	0	0,031784936	0,145286271	0,016142919
ENSG00000230062	ANKRD66	0	0,145255688	0	0	0	0	0	0	0,145255688	0,016139521
ENSG00000147255	IGSF1	0,039907717	0,070815265	0	0,034455959	0	0	0	0	0,14517894	0,016130993
ENSG00000178187	ZNFA54	0	0	0	0,098022154	0	0	0,047133859	0	0,145156013	0,016128446
ENSG00000073282	TP63	0,040414702	0	0	0,104681054	0	0	0	0	0,145095756	0,016121751
ENSG00000168490	PHYHIP	0,076881491	0,06821216	0	0	0	0	0	0	0,145093651	0,016121517
ENSG00000164185	ZNFA474	0,145089362	0	0	0	0	0	0	0	0,145089362	0,01612104
ENSG00000151023	ENKUR	0	0	0	0,064017413	0	0	0,081068343	0	0,145085756	0,01612064
ENSG00000111879	FAM184A	0,01939553	0	0	0,033491846	0,092187792	0	0	0	0,145075167	0,016119463
ENSG00000130711	PRDM12	0	0	0	0	0,145039395	0	0	0	0,145039395	0,016115488
ENSG00000130294	KIF1A	0,009051247	0,016061216	0	0,015629528	0,064531454	0,00993774	0,007515444	0,022263734	0,144990364	0,01611004
ENSG00000167037	SGSM1	0	0	0	0,0303166	0,041723892	0	0,07288854	0	0,144929032	0,016103226
ENSG00000178597	PSAPL1	0,032524875	0	0	0,112326722	0	0	0	0	0,144851597	0,016094622
ENSG00000134762	DSC3	0,058881895	0,069656319	0	0	0	0	0,016296965	0	0,144835179	0,016092798
ENSG00000188176	SMTNL2	0	0	0	0	0,144805461	0	0	0	0,144805461	0,016089496
ENSG00000172348	RCAN2	0,040708667	0	0	0,070294982	0	0,033801275	0	0	0,144804924	0,016089436
ENSG00000205795	CYS1	0,053077124	0	0	0,091652608	0	0	0	0	0,144729731	0,016081081
ENSG00000204928	GRXCR2	0,068968768	0	0	0	0	0,075723677	0	0	0,144692445	0,016076938
ENSG00000212993	POU5F1B	0	0	0	0	0,144688776	0	0	0	0,144688776	0,016076531
ENSG00000164626	CNKN5	0	0,070880782	0,07348139	0	0	0	0	0	0,144362173	0,016040241
ENSG00000135824	RGS8	0,045208847	0,08022199	0	0	0	0	0,018768935	0	0,144199772	0,016022197
ENSG00000196136	SERPINA3	0,090539587	0,053553425	0	0	0	0	0	0	0,144093012	0,016010335
ENSG00000176774	MAGEB18	0	0	0	0,144083365	0	0	0	0	0,144083365	0,016009263
ENSG00000146352	CLVS2	0,013469166	0	0,024777618	0,046516619	0	0,059153428	0	0	0,143916831	0,015990759
ENSG00000115607	IL18RAP	0	0	0	0,087975379	0	0,055937484	0	0	0,143912863	0,015990318
ENSG00000198807	PAX9	0,088862303	0	0	0	0	0,054982793	0	0	0,143845096	0,015982788
ENSG00000187080	OR2AK2	0	0	0	0	0	0,143769997	0	0	0,143769997	0,015974444
ENSG00000189320	FAM180A	0	0	0	0	0,143647017	0	0	0	0,143647017	0,01596078
ENSG00000205126	ACCSL	0	0,143621853	0	0	0	0	0	0	0,143621853	0,015957984
ENSG00000179674	ARL14	0	0	0	0	0	0	0	0,143621733	0,01595797	0,01595797
ENSG00000163283	ALPP	0,052670119	0	0	0,090949799	0	0	0	0	0,143619918	0,015957769
ENSG00000102245	CD40LG	0	0	0	0,143607581	0	0	0	0	0,143607581	0,015956398
ENSG00000136487	GH2	0	0	0	0	0	0,14352126	0	0	0,14352126	0,015946807
ENSG00000165626	BEND7	0	0	0,055496127	0,052093227	0,035847229	0	0	0	0,143436583	0,015937398
ENSG00000226650	KIF4B	0	0	0	0	0	0	0,143296405	0	0,143296405	0,015921823
ENSG00000144152	FBLN7	0,022965132	0,040751064	0	0,079311542	0	0	0	0	0,143027739	0,015891971
ENSG00000121075	TBX4	0,075630916	0,067102603	0	0	0	0	0	0	0,142733519	0,01585928
ENSG00000100012	SEC14L3	0	0	0	0,142470639	0	0	0	0	0,142470639	0,015830071
ENSG00000182575	NXPH3	0	0,1424267	0	0	0	0	0	0	0,1424267	0,015825189
ENSG00000153294	ADGRF4	0,044562244	0	0	0	0	0,097853481	0	0	0,142415725	0,015823969
ENSG00000172640	OR10AD1	0	0	0	0	0	0	0	0,142411128	0,142411128	0,015823459
ENSG00000120327	PCDHB14	0,031298793	0,111077879	0	0	0	0	0	0	0,142376672	0,01581963
ENSG00000137941	TTLT7	0,042982053	0	0,049480416	0,03404926	0,015730594	0	0	0	0,142242323	0,015804703
ENSG00000137691	CFAP300	0	0	0	0	0	0,14220287	0	0	0,14220287	0,015800319
ENSG00000180525	PRR26	0,016341578	0,086993187	0	0	0,038836114	0	0	0	0,142170878	0,015796764
ENSG00000183318	SPDYE4	0,142154817	0	0	0	0	0	0	0	0,142154817	0,01579498
ENSG00000144868	TMEM108	0,035871946	0,063653887	0	0	0,042625228	0	0	0	0,14215106	0,015794562
ENSG00000168743	NPNT	0,024703379	0	0	0	0,117416231	0	0	0	0,14211961	0,015791068
ENSG00000169594	BNC1	0,031514196	0,055921168	0	0,054418139	0	0	0	0	0,141853503	0,0157615
ENSG00000152936	LMNTD1	0	0	0	0	0	0,081394961	0,060281065	0	0,141676025	0,015741781
ENSG00000166152	C16orf78	0,141489298	0	0	0	0	0	0	0	0,141489298	0,015721033
ENSG00000179178	TMEM125	0,141356942	0	0	0	0	0	0	0	0,141356942	0,015706327
ENSG00000166869	CHP2	0	0	0,14132186	0	0	0	0	0	0,14132186	0,015702429
ENSG00000229544	NKX1-2	0,141180851	0	0	0	0	0	0	0	0,141180851	0,015686761
ENSG00000143536	CRNN	0	0,14097897	0	0	0	0	0	0	0,14097897	0,01566433
ENSG00000147378	FATE1	0,140961353	0	0	0	0	0	0	0	0,140961353	0,015662373
ENSG00000126895	AVPR2	0,067100609	0	0	0	0,073672547	0	0	0	0,140773156	0,015641462
ENSG00000138311	ZNFA365	0,140751277	0	0	0	0	0	0	0	0,140751277	0,015639031
ENSG00000163793	DNAJC5G	0	0	0	0	0	0	0,140610454	0	0,140610454	0,015623384
ENSG00000142182	DNMT3L	0	0	0	0,140363085	0	0	0	0	0,140363085	0,015595898
ENSG00000134709	HOOK1	0,022682463	0	0	0,117502991	0	0	0	0	0,140185454	0,015576162
ENSG00000176281	OR4K5	0,140176782	0	0	0	0	0	0	0	0,140176782	0,015575198
ENSG00000174448	STARDB6	0	0	0	0,140136936	0	0	0	0	0,140136936	0,015570771
ENSG00000263201	DPEP2NB	0	0	0	0	0,140008925	0	0	0	0,140008925	0,015556547
ENSG00000129455	KLK8	0	0	0	0,139911515	0	0	0	0	0,139911515	0,015545724
ENSG00000171396	KRTAP4-4	0,139787762	0	0	0	0	0	0	0	0,139787762	0,015531974
ENSG00000118432	CNR1	0	0,042180588	0	0,041046873	0,056491669	0	0	0	0,139719131	0,015524348
ENSG00000122188	LXN1	0	0	0	0,081593175	0	0	0,058113359	0	0,139706534	0,015522948
ENSG00000134240	HMGCS2	0	0	0	0	0,139680102	0	0	0	0,139680102	0,015520011
ENSG00000196660	SLC30A10	0	0	0	0,045222699	0,062238742	0	0,032209103	0	0,139670544	0,015518949
ENSG00000173679	OR1L1	0,139529613	0	0	0	0	0	0	0	0,139529613	0,01550329
ENSG00000226321	CROCC2	0	0,139501555	0	0	0	0	0	0	0,139501555	0,015500173
ENSG00000141086	CTRL	0	0	0	0	0	0	0,139419747	0	0,139419747	0,015491083
ENSG00000198732	SMOC1	0	0,063625566	0	0	0	0,075631625	0	0	0,139257191	0,015473021
ENSG00000250506	CDK3	0	0	0	0	0	0,139179514	0	0	0,139179514	0,01546439
ENSG00000203757	OR6K3	0	0	0	0,13916532	0	0	0	0	0,13916532	0,015462813
ENSG00000170523	KRT83	0	0	0	0,13916532	0	0	0	0	0,13916532	0,015462813
ENSG00000205667	ARSH	0	0	0	0,13916532	0	0	0	0	0,13916532	0,015462813
ENSG00000049192	ADAMTS6	0	0,09392014	0	0,030465263	0	0,014649192	0	0	0,139034595	0,015448288
ENSG00000185008	ROBO2	0,009068629	0	0,016682476	0,062638174	0,043103588	0,007529876	0	0	0,139022744	0,015446972
ENSG00000007908	SELE	0	0	0,060614937	0	0,078307358	0	0	0	0,138922294	0,01543581
ENSG00000179148	ALOXE3	0	0	0	0,138795199	0	0	0	0	0,138795199	0,015421689
ENSG00000177839	PCDHB9	0	0	0	0,05910192	0	0,03757884	0	0,042094343	0,138775102	0,015419456
ENSG00000181499	OR6T1	0,138760855	0	0	0	0	0	0	0	0,138760855	0,015417873
ENSG00000168334	XIRP1	0	0,082926241	0	0	0,055530778	0	0	0	0,138457019	0,015384113
ENSG00000115226	FND4	0	0,138431595	0	0	0	0	0	0	0,138431595	0,015381288
ENSG00000188385	JAKMIP3	0	0,035244742	0	0,10289234	0</					

[illegible]

ENSG00000203989	RHOXF2B	0	0	0	0	0,125390203	0	0	0	0	0,125390203	0,013932245
ENSG00000145198	VWASB2	0	0	0	0	0,125346437	0	0	0	0	0,125346437	0,013927382
ENSG00000182224	CYB5D1	0	0	0	0	0	0,125058224	0	0	0	0,125058224	0,013895358
ENSG00000144644	GADL1	0,08246143	0	0	0	0	0	0,017117371	0	0,025354232	0,124933034	0,013881448
ENSG00000188064	WNT7B	0,059492351	0	0	0	0	0	0	0,065046175	0	0,124538525	0,013837614
ENSG00000198883	PNMA5	0	0	0	0,076118721	0	0,048398651	0	0	0	0,124517372	0,013835264
ENSG00000254709	IGLL5	0	0	0	0	0	0,124277586	0	0	0	0,124277586	0,013808621
ENSG00000279956	AC073082.1	0	0	0	0,124077496	0	0	0	0	0	0,124077496	0,013786388
ENSG00000197587	DMBX1	0	0	0	0	0,124004676	0	0	0	0	0,124004676	0,013778297
ENSG00000111249	CUX2	0,040258578	0,035718929	0	0	0,04783769	0	0	0	0	0,123815197	0,013757244
ENSG00000100968	NFATC4	0	0	0	0,123709837	0	0	0	0	0	0,123709837	0,013745537
ENSG00000103355	FRSS33	0	0	0	0,123548757	0	0	0	0	0	0,123548757	0,01372764
ENSG00000125266	EFNB2	0	0	0	0,051989435	0,071551612	0	0	0	0	0,123541047	0,013726783
ENSG00000183196	CHST6	0,017530229	0,062213921	0	0	0	0	0,043667169	0	0	0,123411319	0,013712369
ENSG00000125551	PLGLB2	0	0	0,123327462	0	0	0	0	0	0	0,123327462	0,013703051
ENSG00000185774	KCNIP4	0	0	0	0,123111571	0	0	0	0	0	0,123111571	0,013679063
ENSG00000185069	KRT176	0	0	0	0	0	0	0,049612626	0	0,073486169	0,123098796	0,013677644
ENSG00000116690	PRG4	0	0	0	0,051731755	0,071196975	0	0	0	0	0,122928731	0,013658748
ENSG00000205301	MGAT4D	0,027008145	0,095850581	0	0	0	0	0	0	0	0,122858726	0,01365097
ENSG00000138079	SLC3A1	0	0	0,042498104	0	0,054902544	0,025364711	0	0	0	0,12276536	0,013640596
ENSG00000184394	OR4N5	0	0,122607225	0	0	0	0	0	0	0	0,122607225	0,013623025
ENSG00000120051	CFAP58	0,08657151	0	0	0	0	0	0,035941086	0	0	0,122512596	0,013612511
ENSG00000187553	CYP26C1	0	0,122495203	0	0	0	0	0	0	0	0,122495203	0,013610578
ENSG00000171540	OTP	0	0	0	0	0,08068244	0	0	0	0,041753881	0,122436321	0,013604036
ENSG00000183793	NP1PA5	0	0	0	0	0	0	0	0	0,122267449	0,122267449	0,013585272
ENSG00000184113	CLDN5	0,044068408	0,078198309	0	0	0	0	0	0	0	0,122266716	0,013585191
ENSG00000171368	TPPP	0	0	0	0	0,060063145	0	0	0	0,062166423	0,122229568	0,013581063
ENSG00000169618	PROKR1	0	0	0	0,12213198	0	0	0	0	0	0,12213198	0,01357022
ENSG00000155249	OR4K1	0	0	0	0	0	0	0	0	0,121866572	0,121866572	0,01354073
ENSG00000183783	KCTD8	0	0	0	0	0	0	0	0,121841655	0	0,121841655	0,013537962
ENSG00000101076	HNFA4	0	0,036676515	0	0,035690737	0,049120167	0	0	0	0	0,121487419	0,013498602
ENSG00000186509	OR9Q1	0,12147152	0	0	0	0	0	0	0	0	0,12147152	0,013496836
ENSG00000176927	EFCAB5	0,043623144	0	0,040124148	0,037663824	0	0	0	0	0	0,121411116	0,013490124
ENSG00000136155	SCEL	0,035935926	0	0	0	0,085402507	0	0	0	0	0,121338434	0,013482048
ENSG00000186919	ZACN	0	0	0	0,121167854	0	0	0	0	0	0,121167854	0,013463095
ENSG00000171180	OR2M4	0	0	0	0	0,121037257	0	0	0	0	0,121037257	0,013448584
ENSG00000172742	OR4D9	0	0	0	0,041589891	0	0,07933244	0	0	0	0,120922331	0,013435815
ENSG00000172650	AGAP5	0	0	0	0	0	0	0,120838201	0	0	0,120838201	0,013426467
ENSG00000166856	GPR182	0,044300959	0	0	0,076498087	0	0	0	0	0	0,120799046	0,013422116
ENSG00000213199	ASIC3	0	0	0	0	0	0,120750056	0	0	0	0,120750056	0,013416873
ENSG00000116183	PAPPA2	0	0,024541644	0	0	0,065736325	0,030369866	0	0	0	0,120647834	0,013405315
ENSG00000278522	POTEB3	0,044210231	0	0	0,07634142	0	0	0	0	0	0,120551652	0,013394628
ENSG00000121753	ADGRB2	0,077932218	0	0	0	0	0	0	0,042603735	0	0,120535953	0,013392884
ENSG00000100625	SIX4	0,02231732	0	0,041054512	0,03853714	0	0	0,018530547	0	0	0,120439518	0,013382169
ENSG00000135480	KRT7	0,037787089	0	0	0	0	0	0,082629299	0	0	0,120416389	0,013379599
ENSG00000108242	CYP2C18	0	0	0,120337705	0	0	0	0	0	0	0,120337705	0,013370856
ENSG00000205678	TECRL	0	0	0,046153096	0,04323091	0	0	0	0,030856139	0	0,120332325	0,013370258
ENSG00000165471	MBL2	0,042339751	0	0,077887391	0	0	0	0	0	0	0,120227142	0,013358571
ENSG00000138685	FGF2	0	0,07915631	0	0,041030273	0	0	0	0	0	0,120186583	0,013354065
ENSG00000070601	FRMPD1	0,051111304	0	0,047011686	0	0	0	0,021219403	0	0	0,119342393	0,013260266
ENSG00000118729	CASQ2	0	0	0	0	0	0	0,119333538	0	0	0,119333538	0,013259282
ENSG00000171804	WDR87	0	0	0	0,02836558	0,039038759	0,018035719	0,013639562	0,020202905	0,119282525	0,119282525	0,013253614
ENSG00000158458	NRG2	0	0,061500022	0,057728977	0	0	0	0	0	0	0,119228999	0,013247667
ENSG00000166884	OR4D6	0	0	0	0	0	0,119042061	0	0	0	0,119042061	0,013226896
ENSG00000269067	ZNF728	0	0	0	0,119039678	0	0	0	0	0	0,119039678	0,013226631
ENSG00000157470	FAM81A	0,027124497	0	0	0,046838086	0	0	0,0405404097	0	0	0,119006679	0,013222964
ENSG00000132164	SLC6A11	0	0	0,041613787	0	0	0	0,049466253	0,027821336	0	0,118901376	0,013211264
ENSG00000286015	CR589904.2	0,118797618	0	0	0	0	0	0	0	0	0,118797618	0,013199735
ENSG00000162692	VCA1M1	0	0	0	0	0,118736169	0	0	0	0	0,118736169	0,013192908
ENSG00000164736	SOX17	0	0	0,118491091	0	0	0	0	0	0	0,118491091	0,013165677
ENSG00000156395	SORCS3	0,054142089	0	0	0,064334923	0	0	0	0	0	0,118477012	0,013164112
ENSG00000116785	CFHR3	0	0	0,069140163	0	0	0	0	0	0,049243912	0,118384074	0,013153786
ENSG00000176495	OR5AN1	0	0	0,061382022	0,042239184	0	0	0,014757743	0	0	0,118378949	0,013153217
ENSG00000184599	TAF3A	0,11787096	0	0	0	0	0	0	0	0	0,11787096	0,013096773
ENSG00000197905	TEAD4	0	0,117864615	0	0	0	0	0	0	0	0,117864615	0,013096068
ENSG00000223573	TINCR	0	0	0	0,117830199	0	0	0	0	0	0,117830199	0,013092244
ENSG00000203963	C1orf141	0	0	0,051958378	0	0	0	0,065797405	0	0	0,117755783	0,013083976
ENSG00000179046	TRIML2	0	0	0	0,117743457	0	0	0	0	0	0,117743457	0,013082606
ENSG00000175097	RAG2	0,043149792	0	0	0,074510273	0	0	0	0	0	0,117660064	0,01307334
ENSG00000147655	RSPQ2	0,03677551	0	0	0	0,080754722	0	0	0	0	0,117530232	0,013058915
ENSG00000285991	AL355312.6	0,029834269	0	0,054882547	0	0,032756284	0	0	0	0	0,117473099	0,013055267
ENSG00000255974	CYP2A6	0	0	0,117379656	0	0	0	0	0	0	0,117379656	0,013042184
ENSG00000185053	SGCZ	0,041146513	0,036506739	0	0	0,022588234	0,017082414	0	0	0	0,117323901	0,013035989
ENSG00000138684	IL21	0	0	0,079191191	0	0	0,038079008	0	0	0	0,117270199	0,013030022
ENSG00000186334	SLC36A3	0	0,117220546	0	0	0	0	0	0	0	0,117220546	0,013024505
ENSG00000139537	CDC65	0	0,117093555	0	0	0	0	0	0	0	0,117093555	0,013010395
ENSG00000185176	AQP12B	0	0	0,078999387	0	0	0,037986779	0	0	0	0,116986166	0,012998463
ENSG00000164893	SLC7A13	0	0	0,116749429	0	0	0	0	0	0	0,116749429	0,012972159
ENSG00000158246	TENT5B	0	0	0,116700293	0	0	0	0	0	0	0,116700293	0,012966699
ENSG00000146530	VWDE	0	0	0,11662767	0	0	0	0	0	0	0,11662767	0,01295863
ENSG00000214866	DCDC2C	0	0	0,116384913	0	0	0	0	0	0	0,116384913	0,012931657
ENSG00000121634	GJA8	0,116060346	0	0	0	0	0	0	0	0	0,116060346	0,012895594
ENSG00000064205	CCN5	0,030337396	0	0,052386062	0	0,033308688	0	0	0	0	0,116032147	0,012892461
ENSG00000232382	OR5K1	0,04254239	0	0,073461423	0	0	0	0	0	0	0,116003813	0,012889313
ENSG00000153902	LG14	0	0	0	0,079240411	0,036608689	0	0	0	0	0,1158491	0,012872122
ENSG00000101448	EPIN	0,072672605	0,042985252	0	0	0	0	0	0	0	0,115657857	0,012850873
ENSG00000167346	MMP26	0,115527959	0	0	0	0	0	0	0	0	0,115527959	0,01283644
ENSG00000214050	FBXO16	0,115292907	0	0	0	0	0	0	0	0	0,115292907	0,012810323
ENSG00000117322	CR2	0,061867173	0	0,053415553	0	0	0	0	0	0	0,115282726	0,012809192
ENSG00000187754	SSX7	0,115263593	0	0	0	0	0	0	0	0	0,115263593	0,012807066
ENSG00000258417	AC100868.1	0	0	0,115201036	0	0	0	0	0	0	0,115201036	0,012800115
ENSG00000145863	GABRA6	0,042021849	0	0,072562562	0	0						

ENSG00000274791	F8A2	0	0	0	0	0	0	0,112428613	0	0	0,112428613	0,012492068
ENSG00000185303	SFTP2A	0,112349867	0	0	0	0	0	0	0	0	0,112349867	0,012483319
ENSG00000166126	AMN	0	0	0	0,112326722	0	0	0	0	0	0,112326722	0,012480747
ENSG00000116141	MARK1	0	0	0,051316245	0	0	0	0	0,060999551	0	0,112315796	0,012479533
ENSG00000183098	GPC6	0	0	0,039031185	0,073275758	0	0	0	0	0	0,112306943	0,012478549
ENSG00000167588	GPD1	0,039537041	0	0,07273158	0	0	0	0	0	0	0,112286621	0,012474291
ENSG00000162552	WNT4	0	0	0	0,112230097	0	0	0	0	0	0,112230097	0,012470011
ENSG00000112038	OPRM1	0,02155438	0,012749239	0	0,024813139	0	0	0,005965687	0,047133116	0	0,112215562	0,012468396
ENSG00000101825	MXRA5	0,015413155	0	0	0,079845463	0	0,016922743	0	0	0	0,112181362	0,012464596
ENSG00000106328	FSCN3	0	0	0	0	0,11173539	0	0	0	0	0,11173539	0,012415043
ENSG00000134398	ERN2	0	0,056570042	0	0,055049573	0	0	0	0	0	0,111619615	0,012402179
ENSG00000101004	NINL	0,025059796	0	0	0,086545597	0	0	0	0	0	0,111605393	0,012400599
ENSG00000003989	SLC7A2	0	0	0	0,066017704	0,045429164	0	0	0	0	0,111446868	0,012382985
ENSG00000187791	FAM205C	0,111356353	0	0	0	0	0	0	0	0	0,111356353	0,012372928
ENSG00000153086	ACMSD	0,111274352	0	0	0	0	0	0	0	0	0,111274352	0,012363817
ENSG00000161649	CD300LG	0	0,056391588	0	0,054875915	0	0	0	0	0	0,111267503	0,012363056
ENSG00000183248	PRR36	0	0	0	0	0	0,037141387	0	0,073972368	0	0,111113755	0,012345973
ENSG000000267060	PTGES3L	0,052909864	0	0	0	0	0,058091939	0	0	0	0,111001802	0,012333534
ENSG00000110881	ASIC1	0	0	0,04838644	0	0,062509581	0	0	0	0	0,110896021	0,01232178
ENSG000000285382	F0393400.1	0	0	0,110871032	0	0	0	0	0	0	0,110871032	0,012319004
ENSG00000175264	CHST1	0	0	0	0	0	0	0	0,070817524	0,039829945	0,110647469	0,012294163
ENSG000000204866	IGFL2	0	0,110528442	0	0	0	0	0	0	0	0,110528442	0,012280938
ENSG00000173285	OR10K1	0	0,068125508	0	0	0	0,042152077	0	0	0	0,110277586	0,012253065
ENSG000000186038	HTR3E	0	0	0,110178398	0	0	0	0	0	0	0,110178398	0,012242044
ENSG000000088386	SLC15A1	0	0	0,066028527	0	0	0	0	0,044144067	0	0,110172594	0,012241399
ENSG000000188277	C15orf62	0	0	0,110099145	0	0	0	0	0	0	0,110099145	0,012233238
ENSG00000152969	JAKMIP1	0,039682398	0,070415441	0	0	0	0	0	0	0	0,110097839	0,012233093
ENSG000000181215	C4orf50	0,014619124	0,012970638	0	0,050488071	0	0	0	0,031967742	0	0,110045575	0,012227286
ENSG00000170923	OR7G2	0,049350284	0	0	0	0	0	0	0,060694488	0	0,110044772	0,012227197
ENSG000000274322	AL136531.2	0,109898597	0	0	0	0	0	0	0	0	0,109898597	0,012210955
ENSG00000104941	RSPH6A	0	0	0,109743426	0	0	0	0	0	0	0,109743426	0,012193714
ENSG000000196862	RGPD4	0	0,049074305	0	0	0	0	0,060474848	0	0	0,109549152	0,012172128
ENSG00000160200	CBS	0	0	0	0	0	0	0	0,109547022	0	0,109547022	0,012171891
ENSG000000160185	UBASH3A	0,038568293	0	0,070949489	0	0	0	0	0	0	0,109517782	0,012168642
ENSG00000183644	C11orf8	0	0	0	0	0,109487056	0	0	0	0	0,109487056	0,012165228
ENSG000000253313	C11orf210	0	0	0	0	0	0,109439694	0	0	0	0,109439694	0,012159966
ENSG00000146049	KAAG1	0,109341947	0	0	0	0	0	0	0	0	0,109341947	0,012149105
ENSG000000152467	ZSCAN1	0	0	0,109223514	0	0	0	0	0	0	0,109223514	0,012135946
ENSG000000273841	TAf9	0	0,109222811	0	0	0	0	0	0	0	0,109222811	0,012135868
ENSG00000152034	MCHR2	0	0	0,109086528	0	0	0	0	0	0	0,109086528	0,012120725
ENSG000000160321	ZNF208	0	0	0,023345939	0	0,030160203	0	0	0,055502573	0	0,109008716	0,01211208
ENSG000000204060	FOXO6	0	0	0,108813584	0	0	0	0	0	0	0,108813584	0,012090398
ENSG000000167646	DNAAF3	0	0	0	0,108757584	0	0	0	0	0	0,108757584	0,012084176
ENSG00000164344	KLKB1	0,051838961	0	0	0	0,05691615	0	0	0	0	0,108755111	0,012083901
ENSG00000160801	PTH1R	0,108595451	0	0	0	0	0	0	0	0	0,108595451	0,012066161
ENSG00000104413	ESRP1	0	0	0,057021559	0	0	0	0,051475008	0	0	0,108496567	0,012055174
ENSG000000188991	SLC15A5	0,051697082	0	0	0	0,056760375	0	0	0	0	0,108457457	0,012050829
ENSG00000131068	DEFB118	0	0	0	0	0	0,108350891	0	0	0	0,108350891	0,012038988
ENSG000000168907	PLA2G4F	0	0	0	0	0	0	0,108285947	0	0	0,108285947	0,012031772
ENSG000000253598	SLC10A5	0	0	0,108247702	0	0	0	0	0	0	0,108247702	0,012027522
ENSG000000169562	GJB1	0	0,108165389	0	0	0	0	0	0	0	0,108165389	0,012018377
ENSG000000160282	FTCD	0	0	0	0,108070281	0	0	0	0	0	0,108070281	0,012007809
ENSG00000137261	KIAA0319	0,020964286	0,03720061	0	0,049822079	0	0	0	0	0	0,107966975	0,011998553
ENSG00000164434	FABP7	0	0,107817451	0	0	0	0	0	0	0	0,107817451	0,011979717
ENSG000000185264	TEX33	0	0	0	0	0	0	0,107792381	0	0	0,107792381	0,011976931
ENSG000000182795	C1orf116	0	0	0,047434098	0	0,060320152	0	0	0	0	0,10775425	0,011972694
ENSG000000146166	LGSN	0	0,046048772	0	0,061672255	0	0	0	0	0	0,107721027	0,011969003
ENSG00000146755	TRIM50	0	0,10768755	0	0	0	0	0	0	0	0,10768755	0,011965283
ENSG000000119283	TRIM67	0,016203149	0	0	0,055958605	0	0	0,035431543	0	0	0,107593297	0,011954811
ENSG00000075223	SEMA3C	0	0,043957705	0	0,042776225	0	0	0,020568907	0	0	0,107302837	0,011922537
ENSG000000255872	AL138752.2	0	0	0,1072868	0	0	0	0	0	0	0,1072868	0,011920756
ENSG000000274391	TPTE	0	0	0,107080161	0	0	0	0	0	0	0,107080161	0,011897796
ENSG000000255730	AC011462.1	0	0	0	0	0	0,106919755	0	0	0	0,106919755	0,011879973
ENSG00000100078	PLA2G3	0	0	0,106915423	0	0	0	0	0	0	0,106915423	0,011879491
ENSG00000185664	FMEL	0	0	0	0	0,042530268	0,064327266	0	0	0	0,106857534	0,011873059
ENSG000000183671	GPR1	0,106641193	0	0	0	0	0	0	0	0	0,106641193	0,011849021
ENSG00000157119	KLHL40	0	0,10653238	0	0	0	0	0	0	0	0,10653238	0,011836931
ENSG000000268104	SLC6A14	0,033313618	0	0	0	0,073152812	0	0	0	0	0,106466429	0,011829603
ENSG000000104921	FCER2	0	0	0,106460618	0	0	0	0	0	0	0,106460618	0,011828958
ENSG000000154227	CER53	0	0,052269396	0,054187154	0	0	0	0	0	0	0,10645655	0,011828506
ENSG000000171954	CYP4F22	0	0	0,106424234	0	0	0	0	0	0	0,106424234	0,011824915
ENSG000000156140	ADAMTS3	0	0	0,037239186	0,051251255	0	0,017906427	0	0	0	0,106396867	0,011821874
ENSG000000242419	PCDHGC4	0	0,053908725	0,052459786	0	0	0	0	0	0	0,106368511	0,011818723
ENSG000000169717	ACTRT2	0,106341007	0	0	0	0	0	0	0	0	0,106341007	0,011815667
ENSG000000153292	ADGRF1	0	0	0,044897052	0,021072032	0,040194761	0	0	0	0	0,106163846	0,011795983
ENSG000000184471	C1QTNF8	0	0	0	0	0	0	0,105474757	0	0,105474757	0,011719417	0,011719417
ENSG00000145451	GLRA3	0	0	0,027391872	0	0	0	0,078037591	0	0,105429463	0,011714385	0,011714385
ENSG000000179846	NKPD1	0	0,062213921	0	0	0	0	0,043119843	0	0	0,105333764	0,011703752
ENSG000000171201	SMR3B	0,105230202	0	0	0	0	0	0	0	0	0,105230202	0,011692245
ENSG000000182264	IZUMO1	0	0	0	0,10515887	0	0	0	0	0	0,10515887	0,011684319
ENSG000000110786	PTPN5	0,027489644	0	0,047468615	0	0,030182022	0	0	0	0	0,105140281	0,011682253
ENSG000000140839	CLEC18B	0	0	0	0	0	0,105133493	0	0	0	0,105133493	0,011681499
ENSG000000164855	TMEM184A	0	0	0,036518668	0,068558848	0	0	0	0	0	0,105077516	0,01167528
ENSG000000160188	RSPH1	0,104937896	0	0	0	0	0	0	0	0	0,104937896	0,011659766
ENSG000000181160	SLC8A2	0	0	0,049503884	0	0,03147611	0,023803895	0	0	0	0,10478389	0,011642654
ENSG000000100593	ISM2	0,036883224	0	0,06784967	0	0	0	0	0	0	0,104732895	0,011636988
ENSG000000132613	MTSS2	0	0	0,104667058	0	0	0	0	0	0	0,104667058	0,011629673
ENSG000000138483	CDC54	0,10464721	0	0	0	0	0	0	0	0	0,10464721	0,011627468
ENSG000000184313	MROH7	0,016627484	0	0,030587599	0,05742407	0	0	0	0	0	0,104639153	0,011626573
ENSG000000111058	ACSS3	0,008183621	0,029043271	0	0	0,058345661	0,008985138	0	0	0	0,104557692	0,011617521
ENSG000000284512	AC092718.8	0,104502469	0	0	0	0	0	0	0	0	0,104502469	0,011611385
ENSG000000243130	PSG11	0	0	0,104499389	0	0	0	0</				

ENSG00000124233	SEMG1	0	0	0	0	0	0,102287655	0	0	0	0,102287655	0,011365295
ENSG00000171346	KRT15	0	0	0,046570631	0	0	0,055590744	0	0	0	0,102161376	0,011351264
ENSG00000176798	OR51L1	0	0	0	0,035744517	0,049194184	0	0,017187717	0	0	0,102126418	0,01134738
ENSG00000103241	FOXF1	0	0	0	0	0,102022029	0	0	0	0	0,102022029	0,011335781
ENSG00000117090	SLAMF1	0	0,062899836	0	0	0	0,038918737	0	0	0	0,101818573	0,011313175
ENSG00000115705	TPO	0,035753122	0	0	0	0	0	0	0	0,065957597	0,101710719	0,011301191
ENSG00000141979	AC008764.1	0	0	0	0,101649776	0	0	0	0	0	0,101649776	0,01129442
ENSG00000168491	CCDC110	0	0	0	0	0,101617867	0	0	0	0	0,101617867	0,011290874
ENSG00000187905	LRRRC74B	0,054532866	0	0	0,047083178	0	0	0	0	0	0,101616044	0,011290672
ENSG00000166959	MS4A8	0	0	0	0,101610193	0	0	0	0	0	0,101610193	0,011290021
ENSG00000123999	INHA	0	0	0	0	0	0,101412333	0	0	0	0,101412333	0,011268037
ENSG00000179914	ITLN1	0,101280543	0	0	0	0	0	0	0	0	0,101280543	0,011253394
ENSG00000157680	DGKI	0,009718347	0	0,017877683	0,033562927	0	0,03201053	0,008069351	0	0	0,101238837	0,01124876
ENSG000000215906	LACTBL1	0	0	0	0	0	0,101103337	0	0	0	0,101103337	0,011233704
ENSG00000145040	UCN2	0,10087488	0	0	0	0	0	0	0	0	0,10087488	0,01120832
ENSG00000286112	AL441992.2	0	0	0	0	0	0	0	0,047408116	0,053327553	0,100735669	0,011192852
ENSG00000151617	EDNRA	0	0	0	0,06157031	0	0,039148319	0	0	0	0,100718629	0,011190959
ENSG00000074527	NTN4	0,036272341	0,064364378	0	0	0	0	0	0	0	0,100636719	0,011181858
ENSG00000156886	ITGAD	0	0	0,063019746	0	0	0,037612917	0	0	0	0,100632663	0,011181407
ENSG00000178965	ERICH3	0	0	0,031492024	0	0,040683986	0	0,02842876	0	0	0,10060477	0,011178308
ENSG00000176165	FOXG1	0	0	0,051881317	0,04870007	0	0	0	0	0	0,100581387	0,01117571
ENSG00000184698	OR51M1	0,036865228	0	0	0,063658203	0	0	0	0	0	0,100523431	0,01116927
ENSG00000166509	CLEC3A	0,100505867	0	0	0	0	0	0	0	0	0,100505867	0,011167319
ENSG00000137699	TRIM29	0,075254268	0	0	0	0	0	0,02499409	0	0	0,100248358	0,011138706
ENSG00000136695	IL36RN	0	0	0	0	0	0	0	0,100162039	0	0,100162039	0,011129115
ENSG00000178772	CPN2	0,099907815	0	0	0	0	0	0	0	0	0,099907815	0,011100868
ENSG00000109991	P2RX3	0	0	0	0,099822102	0	0	0	0	0	0,099822102	0,011091345
ENSG00000184302	SIX6	0	0	0,099741693	0	0	0	0	0	0	0,099741693	0,01108241
ENSG00000167103	PIP5KL1	0	0	0	0	0	0,099735844	0	0	0	0,099735844	0,01108176
ENSG00000157551	KCNJ15	0,014611349	0,02592748	0	0	0,034724187	0	0,02426423	0	0	0,099527246	0,011058583
ENSG00000111704	NANOG	0	0,099459199	0	0	0	0	0	0	0	0,099459199	0,011051022
ENSG00000180785	OR51E1	0	0	0	0	0,099423461	0	0	0	0	0,099423461	0,011047051
ENSG00000042813	ZBPB	0	0	0	0,0994038	0	0	0	0	0	0,0994038	0,011044867
ENSG00000187833	C2orf78	0,099251606	0	0	0	0	0	0	0	0	0,099251606	0,011027956
ENSG00000133477	FAM83F	0,046101217	0,016961383	0,015921348	0	0	0	0,020161973	0	0	0,099145921	0,011016213
ENSG000000215372	ZNIF705G	0	0	0	0	0,098550368	0	0	0	0	0,098550368	0,010950041
ENSG00000164438	TLX3	0,098507543	0	0	0	0	0	0	0	0	0,098507543	0,010945283
ENSG00000188282	RUFY4	0,034682252	0,063800803	0	0	0	0	0	0	0	0,098483055	0,010942562
ENSG00000111218	PRMT8	0,04548783	0	0	0	0	0,02497149	0	0	0,027972083	0,098431403	0,010936823
ENSG00000121068	TBX2	0	0,0440878	0	0	0	0	0	0,054329919	0	0,098417719	0,010935302
ENSG000000204532	ZSCAN5C	0	0	0	0	0	0	0	0	0,098227549	0,098227549	0,010914172
ENSG00000021852	C8B	0	0,098148609	0	0	0	0	0	0	0	0,098148609	0,010905401
ENSG00000171385	KCND3	0,019217928	0	0	0,033185168	0,045671823	0	0	0	0	0,098074919	0,010897213
ENSG00000106302	HYAL4	0	0,097933528	0	0	0	0	0	0	0	0,097933528	0,010881503
ENSG00000107147	KCNT1	0	0	0,042835915	0,029476939	0	0,010298804	0,015254578	0,097866235	0,010874026	0,097866235	0,010873941
ENSG00000151364	KCTD14	0	0	0	0	0	0	0,097865467	0,097865467	0,010873941	0,097865467	0,010872689
ENSG00000174607	UGT8	0,034460791	0,063393409	0	0	0	0	0	0	0	0,097854201	0,010872689
ENSG00000105398	SULT2A1	0	0	0	0	0	0	0	0	0	0,097608468	0,010845385
ENSG00000170049	KCNAB3	0	0	0,056972702	0	0	0	0,040577843	0,097550545	0,010838949	0,097550545	0,010838949
ENSG00000171060	C8orf74	0	0	0,097509333	0	0	0	0	0	0	0,097509333	0,01083437
ENSG000000205209	SCGB2B2	0	0	0	0	0	0,055488487	0,041963322	0	0	0,097451809	0,010827979
ENSG00000163749	CCDC158	0,051573574	0,04575802	0	0	0	0	0	0	0	0,097331594	0,010814622
ENSG00000175664	TEX26	0	0	0	0	0,097308256	0	0	0	0	0,097308256	0,010812028
ENSG00000050555	LAMC3	0,040285409	0	0,034782055	0	0,022115513	0	0	0	0	0,097182977	0,010798109
ENSG00000141434	MEP1B	0	0	0	0	0	0,097150857	0	0	0	0,097150857	0,01079454
ENSG00000185860	CCDC190	0,035011717	0,062127433	0	0	0	0	0	0	0	0,09713915	0,010793239
ENSG00000100346	CACNA1I	0,014002091	0	0	0,033276273	0,015373478	0	0,034441535	0,097093378	0,010788153	0,097093378	0,010788153
ENSG00000166897	ELFN2	0	0	0,059364117	0	0	0,037587825	0	0	0,096951941	0,096951941	0,010772438
ENSG00000255587	RAB44	0,035480294	0	0,061266723	0	0	0	0	0	0,096747017	0,096747017	0,010749669
ENSG00000109205	ODAM	0,096741723	0	0	0	0	0	0	0	0	0,096741723	0,01074908
ENSG00000226763	SRRM5	0	0	0,096714223	0	0	0	0	0	0	0,096714223	0,010746025
ENSG00000184307	ZDHHC23	0	0	0	0,050310667	0	0,046292318	0,096602985	0,010733665	0,096602985	0,010733665	0,010733665
ENSG00000197565	COL4A6	0,057776772	0	0	0,038689673	0	0	0,096466445	0,010718494	0,096466445	0,010718494	0,010718494
ENSG00000162755	KLHDC9	0	0	0	0	0,096459638	0	0	0	0,096459638	0,010717738	0,010717738
ENSG00000126010	GRPR	0	0	0	0	0	0	0,096343454	0,096343454	0,010704828	0,096343454	0,010704828
ENSG00000120471	TP53AIP1	0	0	0	0	0,096319638	0	0	0	0,096319638	0,010702182	0,010702182
ENSG00000188655	RNASE9	0	0	0,096285968	0	0	0	0	0	0,096285968	0,010698441	0,010698441
ENSG00000177138	FAM9B	0,021935052	0	0,037877047	0	0	0,036426283	0	0	0,096238381	0,096238381	0,010693153
ENSG00000169752	NRG4	0,030101707	0	0	0	0,066099831	0	0	0	0,096201539	0,096201539	0,01068906
ENSG00000237515	SHISA9	0	0	0,025632119	0,070553545	0	0	0	0	0,096185664	0,096185664	0,010687296
ENSG00000240583	AQP1	0	0	0	0	0	0,096168384	0,096168384	0,010685376	0,096168384	0,010685376	0,010685376
ENSG00000189325	C6orf222	0	0	0,096149275	0	0	0	0	0	0,096149275	0,096149275	0,010683253
ENSG00000196119	OR8A1	0,024821053	0,04404435	0	0	0,027252066	0	0	0	0,096117468	0,096117468	0,010679719
ENSG00000073067	CYP2W1	0	0,096073809	0	0	0	0	0	0	0,096073809	0,096073809	0,010674868
ENSG00000187823	RTL4	0	0	0	0	0	0,096035463	0	0	0,096035463	0,010670607	0,010670607
ENSG00000170214	ADRA1B	0,096034681	0	0	0	0	0	0	0	0,096034681	0,01067052	0,01067052
ENSG00000068781	STON1-GTF2A1L	0,035191097	0	0,060767344	0	0	0	0	0	0,095958441	0,095958441	0,010662049
ENSG00000132972	RNF17	0,026902363	0	0,046454509	0	0	0,022337606	0	0	0,095684477	0,095684477	0,01063272
ENSG00000205502	C2CD4B	0,095579109	0	0	0	0	0	0	0	0,095579109	0,095579109	0,010619901
ENSG00000226979	LTA	0	0	0	0	0,095515588	0	0	0	0,095515588	0,095515588	0,010612843
ENSG00000184697	CLDN6	0	0	0	0	0,095405737	0	0	0	0,095405737	0,095405737	0,010600637
ENSG00000163534	FCRL1	0	0	0	0	0,095293923	0,095293923	0,010588214	0,095293923	0,010588214	0,095293923	0,010588214
ENSG00000165810	BTNL9	0	0,048200971	0,046905442	0	0	0	0	0	0,095106413	0,095106413	0,010567379
ENSG00000123454	DBH	0	0	0	0,095105281	0	0	0	0	0,095105281	0,095105281	0,010567253
ENSG00000117598	PLPPR5	0	0,058661562	0	0	0,036296341	0	0	0	0,094957903	0,094957903	0,010550878
ENSG000000080910	CFHR2	0	0	0,094885445	0	0	0	0	0	0,094885445	0,094885445	0,010542827
ENSG00000260230	FRRS1L	0,0097121	0,017233884	0,017866193	0,016770678	0	0	0,02123752	0,011944632	0,094765006	0,094765006	0,010529445
ENSG00000167701	GPT	0	0	0,094678873	0	0	0	0	0	0,094678873	0,094678873	0,010519875
ENSG00000166819	PLIN1	0	0	0	0,094629128	0						

ENSG00000166090	IL25	0	0	0	0	0	0,091785173	0	0	0,091785173	0,010198353
ENSG00000112964	GHR	0	0	0,04000865	0	0,051686463	0	0	0	0,091695112	0,010188346
ENSG00000262246	CORO7	0	0	0	0,029675307	0,040841299	0	0	0,021135736	0,091652342	0,010183594
ENSG00000168398	BDKRB2	0	0,039173411	0	0	0,052464214	0	0	0	0,091637625	0,010181958
ENSG00000142973	CYP4B1	0	0,043597972	0	0	0	0,047868026	0	0	0,091465998	0,010162889
ENSG00000243284	VSIG8	0	0	0	0	0	0,091259943	0	0	0,091259943	0,010139994
ENSG00000284631	SCYGR4	0	0,091140272	0	0	0	0	0	0	0,091140272	0,010126697
ENSG00000124092	CTCF	0,016925467	0,060067652	0	0	0	0	0,014053577	0	0,091046696	0,0101163
ENSG00000204510	PRAMEF7	0,091030464	0	0	0	0	0	0	0	0,091030464	0,010114496
ENSG00000168955	TM4SF20	0	0	0	0	0	0	0,091019465	0	0	0,091019465
ENSG00000179455	MKRN3	0	0	0	0,090997376	0	0	0	0	0,090997376	0,01011082
ENSG00000198910	L1CAM	0,041570996	0	0	0	0,049397186	0	0	0	0,090968182	0,010107576
ENSG00000129988	LBP	0	0	0	0	0	0,090909905	0	0	0,090909905	0,010101101
ENSG00000172771	EFCAB12	0	0	0	0,067000892	0	0	0	0,023860126	0,090861018	0,010095669
ENSG00000118434	SPACA1	0,090811641	0	0	0	0	0	0	0	0,090811641	0,010090182
ENSG00000197705	KLHL14	0,090811641	0	0	0	0	0	0	0	0,090811641	0,010090182
ENSG00000176160	HSF5	0	0	0	0	0	0	0,090789703	0,090789703	0,090789703	0,010087745
ENSG00000089116	LHX5	0	0	0,090754195	0	0	0	0	0	0,090754195	0,010083799
ENSG00000188778	ADRB3	0	0	0	0,090728433	0	0	0	0	0,090728433	0,010080937
ENSG00000137473	TTC29	0,090702623	0	0	0	0	0	0	0	0,090702623	0,010078069
ENSG00000180806	HOXC9	0,090702623	0	0	0	0	0	0	0	0,090702623	0,010078069
ENSG00000154438	ASZ1	0	0	0,090694975	0	0	0	0	0	0,090694975	0,010077219
ENSG00000176177	ENTHD1	0	0	0,09060629	0	0	0	0	0	0,09060629	0,010067366
ENSG00000164129	NPY5R	0,090539587	0	0	0	0	0	0	0	0,090539587	0,010059954
ENSG00000164900	CLCA1	0,090485372	0	0	0	0	0	0	0	0,090485372	0,01005393
ENSG00000176884	GRIN1	0	0	0,046648783	0,043788383	0	0	0	0	0,090437166	0,010048574
ENSG00000205330	OR6C1	0	0	0	0	0	0	0	0,090172985	0,090172985	0,010019221
ENSG00000244476	ERVFRD-1	0	0	0	0	0	0,051286113	0,038785265	0	0,090071378	0,010007931
ENSG00000231396	USP17L10	0,089946768	0	0	0	0	0	0	0	0,089946768	0,009994085
ENSG00000140600	SH3GL3	0,08986653	0	0	0	0	0	0	0	0,08986653	0,00998517
ENSG00000214279	SCART1	0	0	0	0	0,089611364	0	0	0	0,089611364	0,009956818
ENSG00000185652	NTF3	0	0	0,089269577	0	0	0	0	0	0,089269577	0,009918842
ENSG00000166153	DEPDC4	0	0	0,089153335	0	0	0	0	0	0,089153335	0,009905926
ENSG00000204435	CSNK2B	0	0	0	0,088965215	0	0	0	0	0,088965215	0,009885024
ENSG00000255408	PCDH3A	0,040495932	0	0	0	0,04811973	0	0	0	0,088615662	0,009846185
ENSG00000057149	SERPINB3	0,08852406	0	0	0	0	0	0	0	0,08852406	0,009836007
ENSG00000163633	C4orf36	0	0	0	0	0	0	0	0,088498344	0,088498344	0,009833149
ENSG00000124449	IRGC	0,088420463	0	0	0	0	0	0	0	0,088420463	0,009824496
ENSG00000006128	TAC1	0,08826552	0	0	0	0	0	0	0	0,08826552	0,009807028
ENSG00000204001	LCN8	0	0,088262673	0	0	0	0	0	0	0,088262673	0,009806964
ENSG00000173838	MARCH10	0	0,054500407	0	0	0	0,033721662	0	0	0,088222068	0,009802452
ENSG00000166603	MC4R	0,088162527	0	0	0	0	0	0	0	0,088162527	0,009795836
ENSG00000124602	UNC5CL	0	0	0,088079879	0	0	0	0	0	0,088079879	0,009786653
ENSG00000095596	CYP26A1	0	0	0,088034742	0	0	0	0	0	0,088034742	0,009781638
ENSG00000181786	ACTL9	0	0	0	0	0	0,08798761	0	0	0,08798761	0,009776401
ENSG00000224420	ADM5	0,087957259	0	0	0	0	0	0	0	0,087957259	0,009773029
ENSG00000006016	CRLF1	0	0	0,087945728	0	0	0	0	0	0,087945728	0,009771748
ENSG00000159650	UROC1	0,087752945	0	0	0	0	0	0	0	0,087752945	0,009750327
ENSG00000146966	DENND2A	0	0,051814879	0	0	0	0	0	0,035912371	0,087727251	0,009747472
ENSG00000182854	OR4F15	0	0	0	0	0	0	0	0,087704824	0,087704824	0,00974498
ENSG00000260643	AC092718.3	0	0	0,08749767	0	0	0	0	0	0,08749767	0,009721963
ENSG00000172482	AGXT	0	0	0	0	0,087291576	0	0	0	0,087291576	0,009699064
ENSG00000178038	ALS2CL	0	0,029599514	0	0,057607898	0	0	0	0	0,087207412	0,009689712
ENSG00000182326	C1S	0,046768979	0	0	0,040379909	0	0	0	0	0,087148888	0,00968321
ENSG00000136457	CHAD	0,086745448	0	0	0	0	0	0	0	0,086745448	0,009638383
ENSG00000156465	CHODL	0	0,086693178	0	0	0	0	0	0	0,086693178	0,009632575
ENSG00000144671	SLC22A14	0,041298325	0	0	0	0,045343148	0	0	0	0,086641472	0,00962683
ENSG00000261147	AC091167.2	0	0	0	0	0,086456788	0	0	0	0,086456788	0,00960631
ENSG00000072182	ASIC4	0,086348898	0	0	0	0	0	0	0	0,086348898	0,009594322
ENSG00000054803	CBLN4	0	0	0,086288021	0	0	0	0	0	0,086288021	0,009587558
ENSG00000139908	TSSK4	0	0	0	0	0,086232108	0	0	0	0,086232108	0,009581345
ENSG00000164683	HEY1	0	0,086168661	0	0	0	0	0	0	0,086168661	0,009574296
ENSG00000106236	NPTX2	0	0	0,086145584	0	0	0	0	0	0,086145584	0,009571732
ENSG00000101323	HAO1	0,086004878	0	0	0	0	0	0	0	0,086004878	0,009556098
ENSG00000262576	PCDHGA4	0,030920927	0,054868426	0	0	0	0	0	0	0,085789354	0,00953215
ENSG00000140285	FGF7	0,045965193	0	0	0,039685928	0	0	0	0	0,08565112	0,009516791
ENSG00000171451	DSEL	0	0	0	0	0,017905307	0,06770469	0	0	0,085609997	0,009512222
ENSG00000174292	TNK1	0	0	0	0	0	0	0,08560481	0,08560481	0,08560481	0,009511646
ENSG00000116132	PRRX1	0,036641748	0	0,033702728	0	0	0,015212213	0	0	0,085566689	0,009506299
ENSG00000168539	CHRM1	0	0	0,085532338	0	0	0	0	0	0,085532338	0,009503593
ENSG00000162728	KCNJ9	0	0	0	0,08546348	0	0	0	0	0,08546348	0,009495942
ENSG00000102794	ACOD1	0	0	0	0	0	0	0,085368177	0,085368177	0,085368177	0,009485353
ENSG00000156115	POU4F2	0	0,085286896	0	0	0	0	0	0	0,085286896	0,009476322
ENSG00000182255	KCNA4	0	0	0	0,085240338	0	0	0	0	0,085240338	0,009471149
ENSG00000143194	MAEL	0,085178526	0	0	0	0	0	0	0	0,085178526	0,009464281
ENSG00000161509	GRIN2C	0	0	0,041835688	0	0	0	0,043300681	0,043300681	0,085136368	0,009459596
ENSG00000164484	TMEM200A	0	0	0,085036655	0	0	0	0	0	0,085036655	0,009448517
ENSG00000197079	KRT35	0,084989072	0	0	0	0	0	0	0	0,084989072	0,00944323
ENSG00000173867	AC013489.1	0	0	0,084957243	0	0	0	0	0	0,084957243	0,009439694
ENSG00000264717	NPY4R2	0	0	0	0	0,084821358	0	0	0	0,084821358	0,009424595
ENSG00000147003	CLTRN	0,084750741	0	0	0	0	0	0	0	0,084750741	0,009416749
ENSG00000110427	KIAA1549L	0,02322634	0	0,021363365	0,040106821	0	0	0	0	0,084696525	0,009410725
ENSG00000142700	DMRTA2	0	0,084640783	0	0	0	0	0	0	0,084640783	0,009404531
ENSG00000157765	SLC34A2	0	0	0,051721501	0	0,03288614	0	0	0	0,084607641	0,009400849
ENSG00000183186	C2CD4C	0	0	0,084199734	0	0	0	0	0	0,084199734	0,009355526
ENSG00000166159	LRTM2	0	0	0,083945195	0	0	0	0	0	0,083945195	0,009327244
ENSG00000204387	SNHG32	0,083903704	0	0	0	0	0	0	0	0,083903704	0,009322634
ENSG00000165841	CYP2C19	0	0	0	0,057339541	0,026490592	0	0	0	0,083830132	0,009314459
ENSG00000214128	TMEM213	0	0,057756098	0	0	0	0,026069049	0	0	0,083825147	0,009313905
ENSG00000114248	LRRC31	0	0	0,083821065	0	0	0	0	0	0,083821065	0,009313452
ENSG00000146038	DCDC2	0,030197956	0,053585532	0	0	0	0	0	0	0,083783487	0,009309276
ENSG00000147100	SLC16A2	0	0	0	0,083671375	0	0	0	0	0,083671375	0,009296819
ENSG00000163083	INHBB	0	0,083637555	0	0	0	0	0	0	0,083637555	0,009293062
ENSG00000243708	PLA2G4B	0	0	0	0	0	0	0,083601674	0,083601674	0,083601674	0,009289075
ENSG00000162624	LHX8	0	0	0	0	0,08343504	0	0	0	0,08343504	0,00927056
ENSG00000167094	TTC16	0	0,042247046	0,041111545	0	0	0	0	0	0,083358591	0,009262066
ENSG00000175745	NR2F1	0	0	0,083283289	0	0	0	0	0	0,083283289	0,009253699
ENSG00000186212	SOWAHB	0	0,083273913	0	0	0	0	0	0	0,083273913	0,009252657
ENSG00000113248	PCDH15	0	0	0	0	0	0,083211928	0,083211928	0,083211928	0,083211928	0,00924577

ENSG00000114547	ROPN1B	0	0	0	0	0	0	0,081953018	0	0,081953018	0,009105891
ENSG00000165588	OTX2	0	0,081950489	0	0	0	0	0	0	0,081950489	0,00910561
ENSG00000143954	REG3G	0,081902748	0	0	0	0	0	0	0	0,081902748	0,009100305
ENSG00000237524	TEX51	0	0	0	0	0	0,08184627	0	0	0,08184627	0,009099403
ENSG00000274286	ADRA2B	0,081769789	0	0	0	0	0	0	0	0,081769789	0,009085532
ENSG00000100191	SLC5A4	0	0	0	0	0,081729348	0	0	0	0,081729348	0,009081039
ENSG00000249158	PCDH11	0,024046876	0	0	0,057147922	0	0	0	0	0,081194798	0,009021644
ENSG00000157653	C9orf43	0	0	0	0	0	0	0,081155687	0,081155687	0,081155687	0,009017299
ENSG00000172116	CD8B	0,057249695	0	0	0	0	0,023767822	0	0	0,081017517	0,009001946
ENSG00000171596	NMUR1	0	0	0,081010548	0	0	0	0	0	0,081010548	0,009001172
ENSG000002075740	AC091959.3	0	0,080985201	0	0	0	0	0	0	0,080985201	0,008998356
ENSG00000183273	CCDC60	0	0,080972939	0	0	0	0	0	0	0,080972939	0,008996993
ENSG00000185231	MC2R	0,080937638	0	0	0	0	0	0	0	0,080937638	0,008993071
ENSG00000113296	THBS4	0	0	0	0	0	0,080715102	0,080715102	0,080715102	0,080715102	0,008968345
ENSG000002022813	OR6B1	0,029082096	0,051605466	0	0	0	0	0	0	0,080687562	0,008965285
ENSG00000100842	EF5	0	0	0,080635035	0	0	0	0	0	0,080635035	0,008959448
ENSG00000279486	OR2AG1	0,043211487	0	0,037308404	0	0	0	0	0	0,080519891	0,008946655
ENSG00000239704	CDRT4	0	0	0,080411394	0	0	0	0	0	0,080411394	0,008934599
ENSG00000186452	TPMRSS12	0	0,080378297	0	0	0	0	0	0	0,080378297	0,008930922
ENSG00000101812	H2BFM	0,080292546	0	0	0	0	0	0	0	0,080292546	0,008921394
ENSG00000197123	ZNF679	0	0	0	0	0,08007041	0	0	0	0,08007041	0,00889671
ENSG00000127533	F2RL3	0	0,080040339	0	0	0	0	0	0	0,080040339	0,008893371
ENSG00000180828	BHLHE22	0	0	0,079992328	0	0	0	0	0	0,079992328	0,008888036
ENSG00000186628	FSO2	0,023119732	0	0	0	0	0,056868581	0,056868581	0,056868581	0,079988313	0,00888759
ENSG00000168427	KLHL30	0,079952683	0	0	0	0	0	0	0	0,079952683	0,008883631
ENSG00000136378	ADAMTS7	0	0	0,033625641	0,046278034	0	0	0	0	0,079903675	0,008878186
ENSG00000205436	EXOC3L4	0	0,079879339	0	0	0	0	0	0	0,079879339	0,008875482
ENSG00000181656	GPR88	0	0,079604839	0	0	0	0	0	0	0,079604839	0,008844982
ENSG00000187634	SAMD11	0	0	0	0	0,079516212	0	0	0	0,079516212	0,008835135
ENSG00000174521	TT C9B	0	0	0	0	0	0	0,079353767	0,079353767	0,079353767	0,008817085
ENSG00000126259	KIRREL2	0	0,079285038	0	0	0	0	0	0	0,079285038	0,008809449
ENSG00000181195	PENK	0	0,079051297	0	0	0	0	0	0	0,079051297	0,008783477
ENSG00000187918	OR51I2	0	0	0,079023312	0	0	0	0	0	0,079023312	0,008780368

ENSG00000158748	HTR6	0	0,070563684	0	0	0	0	0	0,070563684	0,007840409	
ENSG00000135127	BICDL1	0	0	0	0,047581141	0	0	0,022879346	0	0,070460486	0,007828943
ENSG00000171126	KCNKG3	0	0	0	0,07035184	0	0	0	0	0,07035184	0,007816871
ENSG00000132321	IQCA1	0,025320136	0,04492996	0	0	0	0	0	0	0,070250096	0,007805566
ENSG00000105419	MEIS3	0	0	0	0	0,070112757	0	0	0	0,070112757	0,007790306
ENSG00000188338	SLC38A3	0	0	0,070055468	0	0	0	0	0	0,070055468	0,007783941
ENSG00000204869	IGFL4	0	0	0	0,070049658	0	0	0	0	0,070049658	0,0077783295
ENSG00000196109	ZNFG76	0	0	0	0	0	0	0	0,06982979	0,06982979	0,007758966
ENSG00000134817	APLNR	0	0	0	0,069806039	0	0	0	0	0,069806039	0,007756227
ENSG00000179242	CDH4	0	0	0	0,069434533	0	0	0	0	0,069434533	0,007714948
ENSG00000152078	TMEM56	0	0	0	0,035333104	0	0	0,033979778	0	0,069312883	0,007701431
ENSG00000140279	DUOX2	0,015366135	0,027266829	0	0,026533961	0	0	0	0	0,069166925	0,007685214
ENSG00000197915	HRNR	0,031386555	0	0	0	0,037295414	0	0	0	0,068681969	0,00763133
ENSG00000174453	VWC2L	0	0	0	0	0,068664922	0	0	0	0,068664922	0,007629436
ENSG00000138028	CGRF1	0	0	0,068603183	0	0	0	0	0	0,068603183	0,007622576
ENSG00000125850	OVOL2	0,068593087	0	0	0	0	0	0	0	0,068593087	0,007621454
ENSG00000169297	NR0B1	0,068593087	0	0	0	0	0	0	0	0,068593087	0,007621454
ENSG00000133115	STOML3	0,068530871	0	0	0	0	0	0	0	0,068530871	0,007614541
ENSG00000135443	KRT85	0	0	0	0	0	0	0	0,06850222	0,06850222	0,007611358
ENSG00000160460	SPTBN4	0	0	0	0,022175149	0,03051904	0	0	0,015793875	0,068488063	0,007609785
ENSG00000172365	OR5B2	0,068437758	0	0	0	0	0	0	0	0,068437758	0,007604195
ENSG00000173610	UGT2A1	0	0,068421026	0	0	0	0	0	0	0,068421026	0,007602336
ENSG00000172238	ATOH1	0,068314001	0	0	0	0	0	0	0	0,068314001	0,007590445
ENSG00000105143	SLC1A6	0	0	0,068253982	0	0	0	0	0	0,068253982	0,007583776
ENSG00000117148	ACTL8	0	0	0	0	0	0,068042479	0	0	0,068042479	0,007560275
ENSG00000125207	PIWIL1	0	0	0	0,068014686	0	0	0	0	0,068014686	0,007557187
ENSG00000142910	TINAGL1	0	0	0	0,068001807	0	0	0	0	0,068001807	0,007555756
ENSG00000182372	CLN8	0	0	0	0	0,03507994	0,013264651	0	0,019647587	0,067992178	0,007554686
ENSG00000170091	NSG2	0	0	0,067881107	0	0	0	0	0	0,067881107	0,007542345
ENSG00000100987	VSX1	0	0	0,067792927	0	0	0	0	0	0,067792927	0,007532547
ENSG00000184659	FOXO4L4	0,067762588	0	0	0	0	0	0	0	0,067762588	0,007529176
ENSG00000110025	SNX15	0	0	0	0	0	0	0,067656545	0	0,067656545	0,007517394
ENSG00000258790	AL121594.1	0	0	0,067652314	0	0	0	0	0	0,067652314	0,007516924
ENSG00000113319	RASGRF2	0,027394955	0	0,025197616	0	0,01503903	0	0	0	0,067631601	0,007514622
ENSG00000181785	OR5AS1	0	0,034114758	0	0,033197834	0	0	0	0	0,067312592	0,007479177
ENSG00000163362	INAVA	0	0	0	0	0,067237885	0	0	0	0,067237885	0,007470876
ENSG00000178125	PPP1R42	0,067160254	0	0	0	0	0	0	0	0,067160254	0,00746225
ENSG00000172478	MAB21L4	0	0	0	0	0	0	0	0,0670442	0,0670442	0,007449356
ENSG00000169836	TACR3	0	0	0	0,067012044	0	0	0	0	0,067012044	0,007445783
ENSG00000139352	ASCL1	0	0	0	0,066872461	0	0	0	0	0,066872461	0,007430273
ENSG00000138316	ADAMTS14	0	0	0	0	0	0	0	0,066779203	0,066779203	0,007419911
ENSG00000177511	ST8SIA3	0,014636824	0,05194537	0	0	0	0	0	0	0,066582194	0,007398022
ENSG00000229924	FAM90A26	0	0	0	0	0,066577278	0	0	0	0,066577278	0,007397475
ENSG00000133124	IRS4	0	0	0,066429474	0	0	0	0	0	0,066429474	0,007381053
ENSG00000165953	SERPINA12	0,066393045	0	0	0	0	0	0	0	0,066393045	0,007377005
ENSG00000155890	TRIM42	0	0	0	0	0,065994661	0	0	0	0,065994661	0,00733274
ENSG00000183862	CNGA2	0	0	0	0	0	0,06557746	0	0,06557746	0,06557746	0,007286384
ENSG00000196421	C20orf204	0	0	0	0,065532398	0	0	0	0	0,065532398	0,007281378
ENSG00000273398	AC017083.3	0,065529302	0	0	0	0	0,065529302	0	0	0,065529302	0,007281034
ENSG00000106536	POU6F2	0	0,065154173	0	0	0	0	0	0	0,065154173	0,007239353
ENSG00000143816	WNT9A	0	0	0,065152303	0	0	0	0	0	0,065152303	0,007239145
ENSG00000262481	TMEM256-PLSCR3	0	0	0	0	0,064884856	0	0	0	0,064884856	0,007209428
ENSG00000139209	SLC38A4	0	0,06469047	0	0	0	0	0	0	0,06469047	0,00718783
ENSG00000171345	KRT19	0,064687744	0	0	0	0	0	0	0	0,064687744	0,007187527
ENSG00000166173	LARP6	0	0	0,064659262	0	0	0	0	0	0,064659262	0,007184362
ENSG00000213759	UGT2B11	0,064577167	0	0	0	0	0	0	0	0,064577167	0,007175241
ENSG00000132911	NMUR2	0,064439476	0	0	0	0	0	0	0	0,064439476	0,007159942
ENSG00000177984	LCN15	0	0	0	0	0	0	0	0,064373579	0,064373579	0,00715262
ENSG000000007314	SCN4A	0	0,032529662	0	0,031655341	0	0	0	0	0,064185002	0,007131667
ENSG00000166984	TCP10L2	0	0	0,064168998	0	0	0	0	0	0,064168998	0,007129889
ENSG00000187024	PTRH1	0	0	0	0,064080298	0	0	0	0	0,064080298	0,007120033
ENSG00000150676	CDC83	0,064057046	0	0	0	0	0	0	0	0,064057046	0,00711745
ENSG00000185272	RBM11	0,064029903	0	0	0	0	0	0	0	0,064029903	0,007114434
ENSG00000255819	KLRC4-KLRK1	0	0	0	0	0,06400871	0	0	0	0,06400871	0,007112079
ENSG00000156009	MAGEA8	0,063948612	0	0	0	0	0	0	0	0,063948612	0,007105401
ENSG00000259030	PPGT-TNNI3K	0,030539727	0	0	0	0	0	0,03339072	0	0,063930448	0,007103383
ENSG00000243135	UGT1A3	0,063921561	0	0	0	0	0	0	0	0,063921561	0,007102396
ENSG00000163424	TEX55	0	0	0	0	0	0,063885098	0	0	0,063885098	0,007098344
ENSG0000021488	SLC7A9	0	0	0	0	0,063860884	0	0	0	0,063860884	0,007095654
ENSG00000108830	RND2	0	0,063640133	0	0	0	0	0	0	0,063640133	0,007071126
ENSG00000261934	PCDHGA9	0,063638901	0	0	0	0	0	0	0	0,063638901	0,007070989
ENSG00000197991	AL592490.1	0	0	0,043797085	0	0	0,019768447	0	0	0,063565532	0,007062837
ENSG00000197177	ADGRA1	0,023237055	0	0	0,040125323	0	0	0	0	0,063362378	0,007040264
ENSG00000177106	EPS8L2	0	0	0	0,063124898	0	0	0	0	0,063124898	0,007013878
ENSG00000284461	AC027644.4	0	0	0,063042999	0	0	0	0	0	0,063042999	0,007004778
ENSG00000254206	NPIPB11	0,034358929	0	0	0	0	0,028528952	0	0	0,062887881	0,006987542
ENSG00000280571	AC006059.2	0	0	0	0,062837715	0	0	0	0	0,062837715	0,006981968
ENSG00000281106	TMEM272	0	0	0,062830478	0	0	0	0	0	0,062830478	0,006981164
ENSG00000242366	UGT1A8	0,062779631	0	0	0	0	0	0	0	0,062779631	0,006975515
ENSG00000112837	TBX18	0	0,032121574	0,03015195	0	0	0	0	0	0,062273524	0,00691928
ENSG00000184507	NUTM1	0	0	0,0621866	0	0	0	0	0	0,0621866	0,006909622
ENSG00000197106	SLC6A17	0,022771334	0	0,039321123	0	0	0	0	0	0,062092457	0,006899162
ENSG00000174279	EVX2	0	0	0,06208303	0	0	0	0	0	0,06208303	0,006898114
ENSG00000178297	TMPRSS9	0	0,061955176	0	0	0	0	0	0	0,061955176	0,006883908
ENSG00000174804	FZD4	0	0	0	0	0,044919609	0,016985289	0	0	0,061904899	0,006878322
ENSG00000184984	CHRM5	0	0	0	0,061735868	0	0	0	0	0,061735868	0,006859541
ENSG00000112077	RHAG	0	0	0	0	0,061653875	0	0	0	0,061653875	0,006850431
ENSG00000137273	FOXF2	0,06165262	0	0	0	0	0	0	0	0,06165262	0,006850291
ENSG00000176979	TRIM60	0	0	0	0	0	0	0	0,061640638	0,061640638	0,00684896
ENSG00000242265	PEG10	0,022590906	0	0,039009564	0	0	0	0	0	0,06160047	0,006844497
ENSG00000134258	VTCN1	0	0	0	0	0	0	0	0,061396274	0,061396274	0,006821808
ENSG00000181625	SLX1B	0,061377161	0	0	0	0	0	0	0	0,061377161	0,006819685
ENSG00000169918	OTUD7A	0	0	0	0	0	0,061286185	0	0	0,061286185	0,006809576
ENSG00000144488	ESPNL	0,029177558	0	0	0	0,032035253	0	0	0	0,061212811	0,006801423
ENSG00000166947	EPB42	0	0	0	0	0	0	0,061153841	0	0,061153841	0,006794871
ENSG00000103056	SMPD3	0	0	0,037361823	0	0,02375581	0	0	0	0,061117633	0,006790848
ENSG00000116996	ZP4	0,061079455	0	0	0	0	0	0	0	0,061079455	0,006786606
ENSG00000162670	BRINP3	0	0	0,06106599	0	0	0	0	0	0,06106599	0,00678511
ENSG00000135502	SLC26A10	0	0	0,061023147	0	0	0	0	0	0,061023147	0,00678035
ENSG00000172935	MRGPRF	0	0	0	0						

ENSG00000182901	RGS7	0,058683717	0	0	0	0	0	0	0	0,058683717	0,006520413
ENSG00000144063	MALL	0	0	0	0	0	0	0	0,058682198	0,058682198	0,006520244
ENSG00000179546	HTR1D	0	0	0	0	0,058522249	0	0	0	0,058522249	0,006502472
ENSG00000170953	OR8B12	0	0	0	0	0	0,058439838	0	0	0,058439838	0,006493315
ENSG00000196427	NBPF4	0,058434095	0	0	0	0	0	0	0	0,058434095	0,006492677
ENSG00000181264	TMEM136	0	0	0	0,058400845	0	0	0	0	0,058400845	0,006488983
ENSG00000187942	LDLRAD2	0	0	0	0,058114694	0	0	0	0	0,058114694	0,006457188
ENSG00000125798	FOX2	0,058052467	0	0	0	0	0	0	0	0,058052467	0,006450274
ENSG00000152910	CNTNAP4	0	0,034743169	0	0	0	0	0	0,023227912	0,057971081	0,006441231
ENSG00000108947	EFNB3	0	0	0	0	0	0	0	0,057788098	0,057788098	0,0064209
ENSG000000068078	FGFR3	0	0,057339129	0	0	0	0	0	0	0,057339129	0,006371014
ENSG000000039987	BEST2	0,057109059	0	0	0	0	0	0	0	0,057109059	0,006345451
ENSG00000179300	RTL3	0,057065925	0	0	0	0	0	0	0	0,057065925	0,006340658
ENSG00000156738	MS4A1	0	0,057056671	0	0	0	0	0	0	0,057056671	0,00633963
ENSG00000174808	BTC	0,056958376	0	0	0	0	0	0	0	0,056958376	0,006328708
ENSG00000139200	PIANP	0	0	0	0	0	0	0,056903405	0,056903405	0,056903405	0,006322601
ENSG000000277363	SRCIN1	0	0	0	0	0,056891754	0	0	0	0,056891754	0,006321306
ENSG000000064692	SNCAIP	0,020788357	0	0,035896956	0	0	0	0	0	0,05685314	0,006298368
ENSG00000163060	TEKT4	0	0	0	0	0	0,056645748	0	0	0,056645748	0,006293972
ENSG00000100385	IL2RB	0	0,056467209	0	0	0	0	0	0	0,056467209	0,006274134
ENSG00000110675	ELMOD1	0	0	0	0	0	0	0,056426668	0,056426668	0,056426668	0,00626963
ENSG00000189253	TRIM64B	0,056195824	0	0	0	0	0	0	0	0,056195824	0,00624398
ENSG00000123572	NRK	0	0	0	0	0,017323857	0	0	0,03881101	0,056134867	0,006237207
ENSG000000280537	AC068946.1	0	0,056115048	0	0	0	0	0	0	0,056115048	0,006235005
ENSG000000264343	NOTCH2NLA	0	0	0	0	0,056107736	0	0	0	0,056107736	0,006234193
ENSG000000228075	BOD1L2	0	0	0	0	0	0	0,055910506	0,055910506	0,055910506	0,006212278
ENSG00000154165	GPR15	0,055884087	0	0	0	0	0	0	0	0,055884087	0,006209343
ENSG000000090534	THPO	0,055863427	0	0	0	0	0	0	0	0,055863427	0,006207047
ENSG000000274512	TBC1D3L	0	0	0	0	0	0,055814205	0	0	0,055814205	0,006201578
ENSG00000169174	PCSK9	0	0,055808091	0	0	0	0	0	0	0,055808091	0,006200899
ENSG00000175164	ABO	0	0	0	0,055445043	0	0	0	0	0,055445043	0,00616056
ENSG000000082497	SERTAD4	0,055250666	0	0	0	0	0	0	0	0,055250666	0,006138963
ENSG00000129007	CALML4	0	0,055176677	0	0	0	0	0	0	0,055176677	0,006130742
ENSG000000203859	HSD3B2	0	0	0	0	0,055103352	0	0	0	0,055103352	0,006122595
ENSG00000153303	FRMD1	0	0	0	0,040804175	0	0,014256372	0	0	0,055060547	0,006117839
ENSG000000241644	INMT	0	0	0	0	0	0	0,055049325	0,055049325	0,055049325	0,006116592
ENSG000000262304	AC027796.3	0	0	0,054899006	0	0	0	0	0	0,054899006	0,00609989
ENSG00000198547	C20orf203	0	0,054763613	0	0	0	0	0	0	0,054763613	0,006084846
ENSG00000188467	SLC24A5	0	0	0,054611757	0	0	0	0	0	0,054611757	0,006067973
ENSG000000269190	FBXO17	0	0	0,054452207	0	0	0	0	0	0,054452207	0,006050245
ENSG00000146151	HMGCLL1	0	0	0,054361453	0	0	0	0	0	0,054361453	0,006040161
ENSG000000212807	OR2A42	0	0,05421391	0	0	0	0	0	0	0,05421391	0,006023768
ENSG00000163145	C1QTNF7	0,054132391	0	0	0	0	0	0	0	0,054132391	0,00601471
ENSG00000115507	OTX1	0	0	0,05399027	0	0	0	0	0	0,05399027	0,005998919
ENSG000000222014	RAB6C	0	0	0	0,053954659	0	0	0	0	0,053954659	0,005994962
ENSG00000174740	PABPC5	0	0	0	0	0	0	0,053868557	0,053868557	0,053868557	0,005985395
ENSG00000132970	WASF3	0	0,05385124	0	0	0	0	0	0	0,05385124	0,005983471
ENSG00000115297	TLX2	0,053776004	0	0	0	0	0	0	0	0,053776004	0,005975112
ENSG0000000218305	CDC14C	0	0	0	0	0,053261822	0	0	0	0,053261822	0,00591798
ENSG00000111834	RSPH4A	0,053207947	0	0	0	0	0	0	0	0,053207947	0,005911994
ENSG00000196616	ADH1B	0	0,024227946	0	0	0,011649984	0	0,017255945	0,053133875	0,005903764	0,005903764
ENSG00000099769	IGFALS	0	0	0	0	0,053097898	0	0	0	0,053097898	0,005899766
ENSG00000198010	DLGAP2	0	0,053065901	0	0	0	0	0	0	0,053065901	0,005896211
ENSG00000160183	TMPRSS3	0,052900602	0	0	0	0	0	0	0	0,052900602	0,005877845
ENSG00000178397	FAM220A	0	0	0	0	0,052432232	0	0	0	0,052432232	0,005825804
ENSG000000272674	PCDH16	0	0,05217656	0	0	0	0	0	0	0,05217656	0,005797396
ENSG00000103184	SEC14L5	0,023380871	0	0	0	0	0	0,028755458	0,052136329	0,005792925	0,005792925
ENSG00000182521	TBPL2	0	0	0	0	0,052127267	0	0	0	0,052127267	0,005791919
ENSG000000070182	SPTB	0,010212934	0	0,017635508	0,024271259	0	0	0	0	0,0521197	0,005791078
ENSG00000164794	KCNV1	0	0	0,051955663	0	0	0	0	0	0,051955663	0,005772851
ENSG00000130368	MAS1	0,015355205	0	0	0,036491977	0	0	0	0	0,051847181	0,005760798
ENSG00000147509	RGS20	0	0	0	0,051766171	0	0	0	0	0,051766171	0,005751797
ENSG00000169169	CPT1C	0,051538394	0	0	0	0	0	0	0	0,051538394	0,005726488
ENSG00000179142	CYP11B2	0,051468178	0	0	0	0	0	0	0	0,051468178	0,005718686
ENSG00000069812	HES2	0	0,051411152	0	0	0	0	0	0	0,051411152	0,00571235
ENSG00000105825	TFPI2	0	0	0	0	0,051338106	0	0	0	0,051338106	0,005704234
ENSG00000180974	OR52E4	0,051276067	0	0	0	0	0	0	0	0,051276067	0,005697341
ENSG00000092345	DAZL	0	0	0	0	0	0	0,051183289	0,051183289	0,051183289	0,005687032
ENSG00000128285	MCHR1	0,051033627	0	0	0	0	0	0	0	0,051033627	0,005670403
ENSG000000283632	EXOC3L2	0,050981974	0	0	0	0	0	0	0	0,050981974	0,005664664
ENSG00000113430	IRX4	0,050810548	0	0	0	0	0	0	0	0,050810548	0,005645616
ENSG000000257315	ZBED6	0,024214497	0	0	0	0,026586103	0	0	0	0,0508006	0,005644511
ENSG000000204389	HSPA1A	0	0	0	0	0,050531749	0	0	0	0,050531749	0,005614639
ENSG00000187010	RHD	0	0	0	0,050078653	0	0	0	0	0,050078653	0,005564295
ENSG00000119614	VSX2	0,050069772	0	0	0	0	0	0	0	0,050069772	0,005563308
ENSG00000198914	POU3F3	0,049318071	0	0	0	0	0	0	0	0,049318071	0,005479786
ENSG00000165929	CT2N	0,049125673	0	0	0	0	0	0	0	0,049125673	0,005458408
ENSG000000205609	EIF3CL	0,048887276	0	0	0	0	0	0	0	0,048887276	0,00543192
ENSG00000151006	PRSS53	0	0,048744228	0	0	0	0	0	0	0,048744228	0,005416025
ENSG00000161905	ALOX15	0	0	0	0,048739887	0	0	0	0	0,048739887	0,005415543
ENSG00000120341	SEC16B	0	0	0,048680703	0	0	0	0	0	0,048680703	0,005408967
ENSG00000136931	NR5A1	0	0	0,048625609	0	0	0	0	0	0,048625609	0,005402845
ENSG000000205832	C16orf96	0	0	0	0	0	0	0,048612745	0,048612745	0,048612745	0,005401416
ENSG00000183628	DGCR6	0	0	0	0	0,048584833	0	0	0	0,048584833	0,005398315
ENSG00000170074	FAM153A	0,017719345	0	0,030597441	0	0	0	0	0	0,048316785	0,005368532
ENSG00000165731	RET	0	0	0	0	0	0,048105193	0	0,048105193	0,048105193	0,005345021
ENSG00000204381	LAYN	0,048063159	0	0	0	0	0	0	0	0,048063159	0,005340351
ENSG00000167741	GGT6	0,047804673	0	0	0	0	0	0	0	0,047804673	0,00531163
ENSG00000144460	NYAP2	0	0,047781537	0	0	0	0	0	0	0,047781537	0,00530906
ENSG00000162520	SYNC	0	0	0	0,047579747	0	0	0	0	0,047579747	0,005286639
ENSG00000118094	TREH	0,04748918	0	0	0	0	0	0	0	0,04748918	0,005276576
ENSG000000259803	SLC22A31	0	0	0	0	0,047418871	0	0	0	0,047418871	0,005268763
ENSG000000214140	PRCD	0	0	0	0	0,047400957	0	0	0	0,047400957	0,005266773
ENSG00000183778	B3GALT5	0,010553151	0	0,036445977	0	0	0	0	0	0,046999128	0,005222125
ENSG00000164175	SLC45A2	0,046885067	0	0	0	0	0	0	0	0,046885067	0,005209452
ENSG00000150556	LYPD6B	0	0	0	0,046880638	0	0	0	0	0,046880638	0,00520896
ENSG00000163673	DCLK3	0	0,046812877	0	0	0	0	0	0	0,046812877	0,005201431
ENSG000000283654	LMLN2	0,046797947	0	0	0	0	0	0	0	0,046797947	0,005199772
ENSG000000084453	SLCO1A2	0	0,024130217	0,022650605	0	0	0	0	0	0,046780822	0,005197869
ENSG00000137033	IL33	0,046452681	0	0	0	0	0	0	0	0,046452681	0,005161409
ENSG00000105409	ATP1A3	0	0,046415111	0	0	0					

ENSG00000273294	C1QTNF3-AMACR	0,04413276	0	0	0	0	0	0	0	0,04413276	0,00490364
ENSG00000187772	LIN28B	0	0	0	0,043906272	0	0	0	0	0,043906272	0,004878475
ENSG00000011105	TSPAN9	0,043768449	0	0	0	0	0	0	0	0,043768449	0,004863161
ENSG00000150667	FSIP1	0,043635741	0	0	0	0	0	0	0	0,043635741	0,004848416
ENSG00000168619	ADAM18	0	0	0	0	0,043363977	0	0	0	0,043363977	0,00481822
ENSG00000159263	SIM2	0	0	0	0	0,043363977	0	0	0	0,043363977	0,00481822
ENSG00000198842	DUSP27	0	0	0	0	0	0	0,043179954	0	0,043179954	0,004797773
ENSG00000272916	AC022400.7	0	0	0	0	0	0,043131774	0	0	0,043131774	0,004792419
ENSG00000198723	TEX45	0	0	0	0	0	0,042925191	0	0	0,042925191	0,004769466
ENSG00000102057	KCND1	0	0	0	0,042902824	0	0	0	0	0,042902824	0,00476698
ENSG00000100024	UPB1	0	0	0	0	0,024423756	0,018470533	0	0	0,024423756	0,004766032
ENSG00000109956	B3GAT1	0,012861569	0	0	0	0,014121251	0	0,015818072	0	0,014121251	0,004755655
ENSG000000087495	PHACTR3	0	0	0	0,042755198	0	0	0	0	0,042755198	0,0047550578
ENSG00000111700	SLCO1B3	0,042662499	0	0	0	0	0	0	0	0,042662499	0,004740278
ENSG00000185561	TLCD2	0	0	0	0	0	0,042647971	0	0	0,042647971	0,004738663
ENSG00000198326	TMEM239	0	0	0	0	0,042628617	0	0	0	0,042628617	0,004736513
ENSG00000167131	CCDC103	0	0	0	0	0,042595783	0	0	0	0,042595783	0,004732865
ENSG00000165370	GPR101	0	0	0	0	0	0	0,042566771	0	0,042566771	0,004729641
ENSG00000196341	OR8D1	0	0	0	0	0,042214358	0	0	0	0,042214358	0,004690484
ENSG00000165816	VWA2	0	0,042207146	0	0	0	0	0	0	0,042207146	0,004689683
ENSG00000138131	LOXL4	0,042010167	0	0	0	0	0	0	0	0,042010167	0,004667796
ENSG00000115155	OTOF	0	0	0	0	0	0,04190673	0	0	0,04190673	0,004656303
ENSG00000184330	S100A7A	0	0	0	0	0	0	0,041688318	0	0,041688318	0,004632035
ENSG00000188779	SKOR1	0	0	0	0	0	0	0,041548518	0	0,041548518	0,004616502
ENSG00000104892	KLC3	0,041354836	0	0	0	0	0	0	0	0,041354836	0,004594982
ENSG00000284626	AC091167.7	0	0	0	0	0,041332979	0	0	0	0,041332979	0,004592553
ENSG00000283439	SPEM3	0,040873836	0	0	0	0	0	0	0	0,040873836	0,004541537
ENSG00000075043	KCNQ2	0	0	0	0,040850877	0	0	0	0	0,040850877	0,004538986
ENSG00000167612	ANKRD33	0,040632044	0	0	0	0	0	0	0	0,040632044	0,004514672
ENSG00000187017	ESPN	0	0,03998563	0	0	0	0	0	0	0,03998563	0,004442848
ENSG00000183798	EMILIN3	0,039860346	0	0	0	0	0	0	0	0,039860346	0,004428927
ENSG00000106113	CRHR2	0,039640758	0	0	0	0	0	0	0	0,039640758	0,004404529
ENSG00000204099	NEU4	0	0	0	0	0	0	0,039634575	0	0,039634575	0,004403842
ENSG00000159239	AC005041.1	0,021485934	0	0	0	0	0,017840229	0	0	0,039326163	0,004369574
ENSG00000189367	KIAA0408	0	0	0	0,039187859	0	0	0	0	0,039187859	0,004354207
ENSG00000183876	ARSI	0	0	0	0	0,038953844	0	0	0	0,038953844	0,004328205
ENSG00000103740	ACSBG1	0,018545725	0	0	0	0,020362123	0	0	0,020553696	0,038902577	0,004322509
ENSG00000145794	MEGF10	0	0	0	0	0,01834888	0	0	0	0,038902577	0,004322509
ENSG00000166535	AZML1	0	0,038845738	0	0	0	0	0	0	0,038845738	0,004316193
ENSG00000144229	THSD7B	0	0	0,038588432	0	0	0	0	0	0,038588432	0,004287604
ENSG00000123307	NEUROD4	0,038479901	0	0	0	0	0	0	0	0,038479901	0,004275545
ENSG00000119913	TECTB	0,038430969	0	0	0	0	0	0	0	0,038430969	0,004270108
ENSG00000285943	AC112128.1	0	0	0,038165127	0	0	0	0	0	0,038165127	0,00424057
ENSG00000255639	AC005833.1	0,038149601	0	0	0	0	0	0	0	0,038149601	0,004238845
ENSG00000182774	RPS17	0	0	0	0	0	0,038102135	0	0	0,038102135	0,004233571
ENSG00000155265	GOLGA7B	0	0	0,038070466	0	0	0	0	0	0,038070466	0,004230052
ENSG00000112175	BMP5	0,038063116	0	0	0	0	0	0	0	0,038063116	0,004229235
ENSG00000135447	PPP1R1A	0,03792936	0	0	0	0	0	0	0	0,03792936	0,004214373
ENSG00000285772	AC000120.2	0,037768201	0	0	0	0	0	0	0	0,037768201	0,004196467
ENSG00000240021	TEX35	0,037711647	0	0	0	0	0	0	0	0,037711647	0,004190183
ENSG00000226887	ERVIMER34-1	0,037571002	0	0	0	0	0	0	0	0,037571002	0,004174556
ENSG00000162572	SCNN1D	0,037542999	0	0	0	0	0	0	0	0,037542999	0,004171444
ENSG00000171944	OR52A5	0,037412867	0	0	0	0	0	0	0	0,037412867	0,004156985
ENSG00000144366	GULP1	0	0,023205618	0	0,013850119	0	0	0	0	0,037055737	0,004117304
ENSG00000104432	IL7	0	0	0,036990074	0	0	0	0	0	0,036990074	0,004110008
ENSG00000161681	SHANK1	0	0,03673584	0	0	0	0	0	0	0,03673584	0,00408176
ENSG00000165556	CXDX2	0,036659527	0	0	0	0	0	0	0	0,036659527	0,004073281
ENSG00000143473	KCNH1	0	0	0,036655868	0	0	0	0	0	0,036655868	0,004072874
ENSG00000146005	PSD2	0	0	0,036608689	0	0	0	0	0	0,036608689	0,004067632
ENSG00000106018	VIPR2	0	0	0	0	0	0	0,036213274	0	0,036213274	0,004023697
ENSG00000130675	MNX1	0,035859177	0	0	0	0	0	0	0	0,035859177	0,003984353
ENSG00000221970	OR2A1	0	0	0,035818346	0	0	0	0	0	0,035818346	0,003979816
ENSG00000136542	GALNT5	0	0,024396506	0	0	0	0,011415734	0	0	0,03581224	0,003979138
ENSG00000205108	FAM205A	0,035765816	0	0	0	0	0	0	0	0,035765816	0,00397398
ENSG00000134216	CHIA	0	0	0	0,035733486	0	0	0	0	0,035733486	0,003970387
ENSG00000188817	SNTN	0	0	0	0,035672023	0	0	0	0	0,035672023	0,003963558
ENSG00000187546	AGMO	0	0	0	0	0,034969435	0	0	0	0,034969435	0,003885493
ENSG00000277586	NEFL	0,034906577	0	0	0	0	0	0	0	0,034906577	0,003878509
ENSG00000185761	ADAMTSL5	0	0	0	0	0,034650741	0	0	0	0,034650741	0,003850082
ENSG00000154646	TMPPRSS15	0,034642497	0	0	0	0	0	0	0	0,034642497	0,003849166
ENSG00000161940	BCL6B	0,034555356	0	0	0	0	0	0	0	0,034555356	0,003839484
ENSG00000166049	PASD1	0,034531666	0	0	0	0	0	0	0	0,034531666	0,003836852
ENSG00000242866	STRC	0	0,034310059	0	0	0	0	0	0	0,034310059	0,003812229
ENSG00000251664	PCDHA12	0	0	0	0	0	0	0,034056537	0	0,034056537	0,00378406
ENSG00000127412	TRPV5	0	0	0	0	0,034039699	0	0	0	0,034039699	0,003782189
ENSG00000172324	OR5A2	0,016000696	0	0	0,017567829	0	0	0	0	0,033568525	0,003729836
ENSG00000168481	LG13	0,033513101	0	0	0	0	0	0	0	0,033513101	0,003723678
ENSG00000175344	CHRNA7	0	0	0,017118769	0	0	0,015751481	0	0	0,03287025	0,00365225
ENSG00000284526	AC015802.6	0	0	0	0	0	0	0,032869919	0	0,032869919	0,003652213
ENSG00000181092	ADIPOQ	0,032857267	0	0	0	0	0	0	0	0,032857267	0,003650807
ENSG00000005981	ASB4	0,032807332	0	0	0	0	0	0	0	0,032807332	0,003645259
ENSG00000168621	GDNF	0,032651377	0	0	0	0	0	0	0	0,032651377	0,003627931
ENSG00000006047	YBX2	0,032630225	0	0	0	0	0	0	0	0,032630225	0,003625581
ENSG00000258461	AC012651.1	0,032357724	0	0	0	0	0	0	0	0,032357724	0,003595303
ENSG00000182348	ZNF804B	0,032254124	0	0	0	0	0	0	0	0,032254124	0,003583792
ENSG00000170324	FRMPD2	0,017536332	0	0	0	0,014560791	0	0	0	0,032097122	0,003566347
ENSG00000285897	AC004687.2	0	0	0	0	0	0	0,031888559	0	0,031888559	0,003543173
ENSG00000183148	ANKRD20A2	0	0	0	0	0,031732507	0	0	0	0,031732507	0,003525834
ENSG00000250120	PCDHA10	0,009923857	0	0	0	0	0,021700569	0	0	0,031624426	0,003513825
ENSG00000221878	PSG7	0,031514196	0	0	0	0	0	0	0	0,031514196	0,003501577
ENSG00000076344	RGS11	0,031494492	0	0	0	0	0	0	0	0,031494492	0,003499388
ENSG00000002586	CD99	0,031105511	0	0	0	0	0	0	0	0,031105511	0,003456168
ENSG00000285188	AC008397.2	0	0	0	0	0	0	0,031083212	0	0,031083212	0,00345369
ENSG00000091664	SLC17A6	0,030845187	0	0	0	0	0	0	0	0,030845187	0,003427243
ENSG00000224383	PRR29	0	0	0	0	0,03029221	0	0	0	0,03029221	0,003365801
ENSG00000196557	CACNA1H	0	0	0,030270879	0	0	0	0	0	0,030270879	0,003363431
ENSG00000061676	NCKAP1	0,006710061	0,011906838	0	0,011586811	0	0	0	0	0,03020371	0,003359598
ENSG00000277758	FO681492.1	0	0	0	0	0,03002363	0	0	0	0,03002363	0,003335959
ENSG00000101188	NTSR1	0	0	0	0	0,029606025	0	0	0	0,029606025	0,003289558
ENSG00000112782	CLIC5	0	0,029603844	0	0	0	0	0	0	0,029603844	0,003289316
ENSG000000086159	AOP6	0,									

ENSG00000285791	AC009879.3	0	0	0	0	0	0,025099086	0	0	0,025099086	0,002788787
ENSG00000184408	KCND2	0,024960451	0	0	0	0	0	0	0	0,024960451	0,002773383
ENSG00000285253	AC090517.4	0	0	0	0	0	0,024850531	0	0	0,024850531	0,00276117
ENSG000001149527	PLCH2	0	0,02480729	0	0	0	0	0	0	0,02480729	0,002756366
ENSG00000155980	KIF5A	0,024309937	0	0	0	0	0	0	0	0,024309937	0,002701104
ENSG00000203690	TCP10	0	0	0	0	0	0	0	0,024145319	0,024145319	0,002682813
ENSG00000248383	PCDHAC1	0	0	0	0	0,023896093	0	0	0	0,023896093	0,002655121
ENSG00000114948	ADAM23	0,023519155	0	0	0	0	0	0	0	0,023519155	0,002613239
ENSG00000166006	KCNC2	0,023348358	0	0	0	0	0	0	0	0,023348358	0,002594262
ENSG00000137558	PI15	0	0	0	0	0,023175105	0	0	0	0,023175105	0,002575012
ENSG00000102290	PCDH11X	0	0,023056062	0	0	0	0	0	0	0,023056062	0,002561785
ENSG00000181790	ADGRB1	0	0	0	0	0,022554456	0	0	0	0,022554456	0,002506051
ENSG00000168631	MUCL3	0	0	0	0	0	0,022082072	0	0	0,022082072	0,002453564
ENSG00000169933	FRMPD4	0	0	0	0	0	0	0	0,021921034	0,021921034	0,00243567
ENSG00000138622	HCN4	0,021830478	0	0	0	0	0	0	0	0,021830478	0,002425609
ENSG00000166148	AVPR1A	0	0	0	0	0	0,021041478	0	0	0,021041478	0,002337942
ENSG00000144057	ST6GAL2	0,019604381	0	0	0	0	0	0	0	0,019604381	0,002178265
ENSG00000102287	GABRE	0	0	0	0	0	0,017260776	0	0	0,017260776	0,001917864
ENSG00000100033	PRODH	0,017218616	0	0	0	0	0	0	0	0,017218616	0,00191318
ENSG00000144619	CNTN4	0,016563693	0	0	0	0	0	0	0	0,016563693	0,00184041
ENSG00000186092	OR4F5	0	0	0	0	0	0	0	0	0	0
ENSG00000284733	OR4F29	0	0	0	0	0	0	0	0	0	0
ENSG00000284662	OR4F16	0	0	0	0	0	0	0	0	0	0
ENSG00000187642	PERM1	0	0	0	0	0	0	0	0	0	0
ENSG00000237330	RNF223	0	0	0	0	0	0	0	0	0	0
ENSG00000205116	TMEM88B	0	0	0	0	0	0	0	0	0	0
ENSG00000189409	MMP23B	0	0	0	0	0	0	0	0	0	0
ENSG00000169885	CALML6	0	0	0	0	0	0	0	0	0	0
ENSG00000178821	TMEM52	0	0	0	0	0	0	0	0	0	0
ENSG00000197921	HES5	0	0	0	0	0	0	0	0	0	0
ENSG00000215912	TTC34	0	0	0	0	0	0	0	0	0	0
ENSG00000285629	AL031847.2	0	0	0	0	0	0	0	0	0	0
ENSG00000173673	HES3	0	0	0	0	0	0	0	0	0	0
ENSG00000131686	CA6	0	0	0	0	0	0	0	0	0	0
ENSG00000277726	AL109811.3	0	0	0	0	0	0	0	0	0	0
ENSG00000171819	ANGPTL7	0	0	0	0	0	0	0	0	0	0
ENSG00000239810	PRAMEF11	0	0	0	0	0	0	0	0	0	0
ENSG00000243073	PRAMEF4	0	0	0	0	0	0	0	0	0	0
ENSG00000187545	PRAMEF10	0	0	0	0	0	0	0	0	0	0
ENSG00000232423	PRAMEF6	0	0	0	0	0	0	0	0	0	0
ENSG00000274764	PRAMEF27	0	0	0	0	0	0	0	0	0	0
ENSG00000277058	HNRNPCL3	0	0	0	0	0	0	0	0	0	0
ENSG00000229571	PRAMEF25	0	0	0	0	0	0	0	0	0	0
ENSG00000275774	HNRNPCL2	0	0	0	0	0	0	0	0	0	0
ENSG00000280267	PRAMEF26	0	0	0	0	0	0	0	0	0	0
ENSG00000179412	HNRNPCL4	0	0	0	0	0	0	0	0	0	0
ENSG00000204505	PRAMEF9	0	0	0	0	0	0	0	0	0	0
ENSG00000279169	PRAMEF13	0	0	0	0	0	0	0	0	0	0
ENSG00000279804	PRAMEF18	0	0	0	0	0	0	0	0	0	0
ENSG00000270601	PRAMEF5	0	0	0	0	0	0	0	0	0	0
ENSG00000182330	PRAMEF8	0	0	0	0	0	0	0	0	0	0
ENSG00000237700	PRAMEF33	0	0	0	0	0	0	0	0	0	0
ENSG00000204481	PRAMEF14	0	0	0	0	0	0	0	0	0	0
ENSG00000162494	LRRRC38	0	0	0	0	0	0	0	0	0	0
ENSG000001142615	CELA2A	0	0	0	0	0	0	0	0	0	0
ENSG00000215704	CELA2B	0	0	0	0	0	0	0	0	0	0
ENSG00000215695	RSC1A1	0	0	0	0	0	0	0	0	0	0
ENSG00000162460	TMEM82	0	0	0	0	0	0	0	0	0	0
ENSG00000183888	SRARP	0	0	0	0	0	0	0	0	0	0
ENSG00000270136	MICOS10-NBL1	0	0	0	0	0	0	0	0	0	0
ENSG00000178828	RNF186	0	0	0	0	0	0	0	0	0	0
ENSG00000183114	FAM43B	0	0	0	0	0	0	0	0	0	0
ENSG00000142789	CELA3A	0	0	0	0	0	0	0	0	0	0
ENSG00000227868	TEX46	0	0	0	0	0	0	0	0	0	0
ENSG00000255054	AL020996.2	0	0	0	0	0	0	0	0	0	0
ENSG00000282872	C1orf232	0	0	0	0	0	0	0	0	0	0
ENSG00000142684	ZNF593	0	0	0	0	0	0	0	0	0	0
ENSG00000253304	TMEM200B	0	0	0	0	0	0	0	0	0	0
ENSG00000225828	FAM229A	0	0	0	0	0	0	0	0	0	0
ENSG00000254553	AL033529.1	0	0	0	0	0	0	0	0	0	0
ENSG00000142698	C1orf94	0	0	0	0	0	0	0	0	0	0
ENSG00000189280	GJB5	0	0	0	0	0	0	0	0	0	0
ENSG00000188910	GJB3	0	0	0	0	0	0	0	0	0	0
ENSG00000243749	TMEM35B	0	0	0	0	0	0	0	0	0	0
ENSG00000169218	RSP01	0	0	0	0	0	0	0	0	0	0
ENSG00000274944	AL139260.3	0	0	0	0	0	0	0	0	0	0
ENSG00000198754	OXCT2	0	0	0	0	0	0	0	0	0	0
ENSG00000284895	AC119676.1	0	0	0	0	0	0	0	0	0	0
ENSG00000044012	GUCA2B	0	0	0	0	0	0	0	0	0	0
ENSG00000197273	GUCA2A	0	0	0	0	0	0	0	0	0	0
ENSG00000178922	HYI	0	0	0	0	0	0	0	0	0	0
ENSG00000284989	AL451062.3	0	0	0	0	0	0	0	0	0	0
ENSG00000283039	KLF18	0	0	0	0	0	0	0	0	0	0
ENSG00000278139	AL358075.4	0	0	0	0	0	0	0	0	0	0
ENSG00000250719	P3R3URF	0	0	0	0	0	0	0	0	0	0
ENSG00000282881	TMEM275	0	0	0	0	0	0	0	0	0	0
ENSG00000162456	KNCN	0	0	0	0	0	0	0	0	0	0
ENSG00000186790	FOXEX3	0	0	0	0	0	0	0	0	0	0
ENSG00000285839	AL445685.3	0	0	0	0	0	0	0	0	0	0
ENSG00000203985	LDLRAD1	0	0	0	0	0	0	0	0	0	0
ENSG00000157211	CDCP2	0	0	0	0	0	0	0	0	0	0
ENSG00000271723	MROH7-TTC4	0	0	0	0	0	0	0	0	0	0
ENSG00000162398	LEXM	0	0	0	0	0	0	0	0	0	0
ENSG00000143001	TMEM61	0	0	0	0	0	0	0	0	0	0
ENSG00000162598	C1orf67	0	0	0	0	0	0	0	0	0	0
ENSG00000187140	FOXD3	0	0	0	0	0	0	0	0	0	0
ENSG00000177414	UBE2U	0	0	0	0	0	0	0	0	0	0
ENSG00000116783	TNNI3K	0	0	0	0	0	0	0	0	0	0
ENSG00000154007	ASB17	0	0	0	0	0	0	0	0	0	0
ENSG00000267561	AC093155.3	0	0	0	0	0	0	0	0	0	0
ENSG00000271949	AC093423.3	0	0	0	0	0	0	0	0	0	0
ENSG00000143032	BARHL2	0	0	0	0	0	0	0	0	0	0
ENSG00000172031	EPHX4	0	0	0	0	0	0	0	0	0	0
ENSG00000271092	TMEM56-RWDD3	0	0	0	0	0	0	0	0	0	0
ENSG00000243480	AMY2A	0	0	0	0	0	0	0	0	0	0
ENSG00000237763	AMY1A	0	0	0	0	0	0	0	0	0	0
ENSG00000174876	AMY1B	0	0	0	0	0	0	0	0	0	0
ENSG00000187733	AMY1C	0	0	0	0	0	0	0	0	0	0
ENSG00000186086	NBPFF6	0	0	0	0	0	0	0	0	0	0
ENSG00000134183	GNAT2	0	0	0	0	0	0	0	0	0	0
ENSG00000198758	EPS8L3	0	0	0	0	0	0	0	0	0	0
ENSG00000186150	UBL4B	0	0	0	0	0	0	0	0	0	0
ENSG00000203857	HSD3B1	0	0	0	0	0	0	0	0	0	0
ENSG00000134249	ADAM30	0	0	0	0	0	0	0	0	0	0
ENSG00000279782	PPIAL4F	0	0	0	0	0	0	0	0	0	0
ENSG00000256374	PPIAL4D	0	0	0	0	0	0	0	0	0	0
ENSG00000280778	AC243547.3	0	0	0	0	0	0	0	0	0	0

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