

Significant DEGs according to gender (male *vs.* female)

EnsemblGeneID	Base mean	Log ₂ fold change	lfcSE*	Stat**	P-value	P-adj
ENSG00000129824	4072.268245	9.370082688	0.248073748	37.77135943	0	0
ENSG00000198692	387.3981496	9.103598979	0.253953168	35.84755037	2.01E-281	1.89E-277
ENSG00000067048	1242.275836	9.079841612	0.228011197	39.82191113	0	0
ENSG00000012817	755.9893461	9.076206678	0.234322632	38.73380303	0	0
ENSG00000067646	273.7437422	9.073636428	0.253628475	35.77530647	2.67E-280	2.01E-276
ENSG00000131002	501.6564011	8.970385303	0.254800422	35.20553549	1.65E-271	1.03E-267
ENSG00000273906	73.50923842	8.756169282	0.420024967	20.84678286	1.63E-96	3.83E-93
ENSG00000233864	219.9981642	8.671966847	0.311932249	27.80080249	4.24E-170	1.59E-166
ENSG00000114374	515.968361	8.552594325	0.274318809	31.17757168	2.15E-213	1.01E-209
ENSG00000183878	379.3622985	8.361710565	0.302302273	27.66009823	2.11E-168	7.21E-165
ENSG00000165246	211.9484286	8.299750084	0.2927089	28.35496316	7.27E-177	3.04E-173
ENSG00000099725	541.9153069	8.284962726	0.24564608	33.72723365	2.31E-249	1.24E-245
ENSG00000176728	39.61644219	8.262369059	0.31443962	26.27648852	3.56E-152	1.12E-148
ENSG00000239893	25.2633293	7.804454706	0.532662958	14.65176918	1.31E-48	1.97E-45
ENSG00000206159	27.84075843	7.692570857	0.388549281	19.79818581	3.09E-87	6.11E-84
ENSG00000260197	18.86774092	7.241188278	0.277597159	26.08523912	5.36E-150	1.55E-146
ENSG00000092377	25.38977021	7.213121973	0.419803968	17.18211958	3.61E-66	6.79E-63
ENSG00000241859	16.4447926	6.764956775	0.338624214	19.97777034	8.60E-89	1.90E-85
ENSG00000215580	10.39900006	6.546508048	0.302618651	21.63286375	8.81E-104	2.21E-100
ENSG00000231535	9.839308978	6.433558034	0.323489598	19.88799042	5.17E-88	1.08E-84
ENSG00000233070	7.3440658	6.127445021	0.358604112	17.08693464	1.86E-65	3.32E-62
ENSG00000154620	47.30315026	5.71339571	0.258671597	22.087449	4.17E-108	1.12E-104
ENSG00000267793	4.179896266	5.425515068	0.325063608	16.69062586	1.53E-62	2.51E-59
ENSG00000227204	4.528332604	5.418271111	0.547248547	9.900932837	4.12E-23	4.70E-20
ENSG00000278847	3.962703326	5.375736681	0.319610715	16.81963846	1.75E-63	2.99E-60
ENSG00000184895	4.152815452	5.351222118	0.499180824	10.72000738	8.20E-27	1.03E-23
ENSG00000237659	3.481389342	5.037567415	0.488810877	10.30575965	6.64E-25	8.05E-22

ENSG00000232583	2.79192296	4.967196126	0.533589832	9.309015698	1.29E-20	1.39E-17
ENSG00000234795	2.746151634	4.902078228	0.44495022	11.01713857	3.16E-28	4.24E-25
ENSG00000164816	3.103199977	4.536425041	1.277054583	3.552256185	0.000381943	0.022433172
ENSG00000230663	2.060896588	4.402693088	0.495756442	8.880758198	6.64E-19	6.93E-16
ENSG00000229236	1.792018268	4.308793295	0.305989517	14.08150627	4.93E-45	7.13E-42
ENSG00000225117	2.476256115	4.290512236	0.395506912	10.84813466	2.04E-27	2.64E-24
ENSG00000220908	2.122448068	4.230056718	0.780613129	5.418890048	6.00E-08	2.15E-05
ENSG00000225520	1.461232427	3.916439191	0.45601697	8.588362821	8.82E-18	8.96E-15
ENSG00000228787	1.363236601	3.756166102	0.375542632	10.00196989	1.49E-23	1.75E-20
ENSG00000258753	1.511640253	3.462839239	1.069174136	3.238798175	0.001200345	0.045757528
ENSG00000232226	1.048172876	3.384339685	0.604198326	5.601372169	2.13E-08	9.08E-06
ENSG00000229774	1.305761091	2.846015381	0.805217486	3.534467929	0.000408597	0.023236251
ENSG00000226918	0.905303905	2.808204594	0.493080325	5.695227436	1.23E-08	5.58E-06
ENSG00000099715	1.002586303	2.758254103	0.392981498	7.018788717	2.24E-12	1.87E-09
ENSG00000181617	1596.007483	2.721143884	0.392054803	6.940723236	3.90E-12	3.19E-09
ENSG00000144820	29.91414487	2.653662158	0.481021701	5.516720249	3.45E-08	1.38E-05
ENSG00000227289	0.649258024	2.60350285	0.457696266	5.688276361	1.28E-08	5.74E-06
ENSG00000099721	0.596752168	2.501536231	0.613712079	4.076074622	4.58E-05	0.005023765
ENSG00000156269	7.628140967	2.494711272	0.510858745	4.883368047	1.04E-06	0.000257909
ENSG00000242317	9.064013873	2.491387639	0.493525	5.048148802	4.46E-07	0.00013101
ENSG00000229163	0.897094685	2.456043194	0.397523354	6.178362032	6.48E-10	4.06E-07
ENSG00000280969	0.759059588	2.390689185	0.356276941	6.710199025	1.94E-11	1.43E-08
ENSG00000281273	1.024054354	2.275203956	0.695933554	3.269283313	0.001078203	0.042797936
ENSG00000234722	26.36467648	2.217235496	0.399912112	5.544306941	2.95E-08	1.20E-05
ENSG00000231317	6.282306254	2.16290592	0.428901915	5.042891728	4.59E-07	0.000131783
ENSG00000182938	263.3448186	2.159458836	0.481327136	4.486468093	7.24E-06	0.00124097
ENSG00000189182	159.4756044	2.151312421	0.380946623	5.647280456	1.63E-08	7.12E-06
ENSG00000253154	5.781187872	2.150344094	0.455657836	4.719207977	2.37E-06	0.00050857
ENSG00000224060	3.315259847	2.004079201	0.317031583	6.3213866	2.59E-10	1.77E-07
ENSG00000254101	15.28713283	1.981823269	0.467884465	4.235710774	2.28E-05	0.002973655

ENSG00000261706	5.632713912	1.942372221	0.535255841	3.628866931	0.000284668	0.01834012
ENSG00000220377	113.970531	1.914822207	0.479424186	3.99400419	6.50E-05	0.006426576
ENSG00000249396	1.300659311	1.912235321	0.502347716	3.806597023	0.000140892	0.011588909
ENSG00000184106	135.792188	1.896604848	0.319629759	5.933755532	2.96E-09	1.66E-06
ENSG00000137441	1274.73557	1.875327223	0.404252714	4.638997235	3.50E-06	0.000692653
ENSG00000197953	83.56140116	1.831012873	0.374487892	4.889378038	1.01E-06	0.000253495
ENSG00000162494	43.79789759	1.809990005	0.347772452	5.204523805	1.94E-07	6.25E-05
ENSG00000006128	6.401516199	1.795393258	0.515199744	3.484848895	0.000492415	0.025960563
ENSG00000151962	6.072466257	1.778712618	0.419822732	4.236818266	2.27E-05	0.002969341
ENSG00000229261	10.2392335	1.75606799	0.411458449	4.26791088	1.97E-05	0.002747023
ENSG00000177238	30.48018919	1.750595836	0.258680201	6.767413311	1.31E-11	9.86E-09
ENSG00000237210	1.152375411	1.746219179	0.522389017	3.342756305	0.000829507	0.036640626
ENSG00000134765	107.7632822	1.732274615	0.311838103	5.555044744	2.78E-08	1.15E-05
ENSG00000185038	123.8623898	1.719816522	0.307382617	5.595035077	2.21E-08	9.32E-06
ENSG00000242366	28.33879	1.715947214	0.436317414	3.932795614	8.40E-05	0.007818795
ENSG00000126549	15.89752803	1.691842743	0.479632168	3.527375467	0.000419701	0.023547113
ENSG00000271227	5.17810073	1.669043851	0.495823771	3.36620378	0.000762104	0.034535696
ENSG00000275874	29.47008141	1.652827778	0.378815681	4.36314509	1.28E-05	0.00196214
ENSG00000112273	2.875331523	1.651824263	0.451681606	3.657054525	0.00025513	0.016766331
ENSG00000225255	5.938047334	1.64162561	0.51209731	3.205690748	0.001347387	0.049313097
ENSG00000164007	22.70566108	1.624097513	0.423978128	3.830616262	0.000127823	0.010870715
ENSG00000109205	57.17694057	1.622739718	0.357677292	4.536882134	5.71E-06	0.001026836
ENSG00000213931	18.44769094	1.621632245	0.420802192	3.853668717	0.000116361	0.010147722
ENSG00000251281	7.30794188	1.597301323	0.388725274	4.109075047	3.97E-05	0.004548233
ENSG00000204936	508.5306566	1.590718422	0.290495373	5.475882125	4.35E-08	1.65E-05
ENSG00000250697	24.21365569	1.574933808	0.340510571	4.625212675	3.74E-06	0.000725088
ENSG00000187689	544.4369443	1.566314907	0.391922582	3.996490576	6.43E-05	0.00637626
ENSG00000224999	2.624150408	1.559406004	0.404841445	3.85189319	0.000117208	0.010175183
ENSG00000274162	0.659939512	1.553394255	0.424699137	3.657634593	0.000254554	0.016766331
ENSG00000228496	4.298508979	1.532608408	0.458351953	3.34373705	0.00082658	0.036554304

ENSG00000249102	4.57792295	1.511213223	0.370769815	4.075879864	4.58E-05	0.005023765
ENSG00000258628	3.488841429	1.494133583	0.319687648	4.67372947	2.96E-06	0.000604257
ENSG00000101188	23.34552511	1.480476914	0.307273561	4.818107062	1.45E-06	0.000332182
ENSG00000257500	7.334562264	1.479468047	0.399069677	3.707292564	0.000209487	0.014857758
ENSG00000180638	291.3046075	1.463324864	0.266822191	5.484269725	4.15E-08	1.59E-05
ENSG00000171403	52.48931921	1.452262914	0.299721009	4.845382436	1.26E-06	0.000297855
ENSG00000212724	4.594446366	1.441449106	0.436340474	3.303496218	0.000954873	0.039881844
ENSG00000185069	14.67293678	1.436817663	0.373496147	3.846941054	0.000119602	0.010335239
ENSG00000150276	5.099305656	1.414774443	0.306565863	4.614911885	3.93E-06	0.000758088
ENSG00000198691	1198.8388	1.411247625	0.349418213	4.03884964	5.37E-05	0.005608635
ENSG00000233085	2.902366156	1.403205636	0.380572543	3.6870911	0.000226832	0.015559528
ENSG00000239620	3.980120571	1.385401684	0.380087702	3.644952671	0.000267441	0.01739292
ENSG00000165553	43.58825153	1.382246982	0.37789793	3.657725729	0.000254463	0.016766331
ENSG00000226507	0.767540071	1.367992305	0.417443228	3.277073893	0.001048889	0.042034135
ENSG00000230387	158.2585232	1.355882971	0.333174056	4.069593492	4.71E-05	0.005089672
ENSG00000183034	28.87023513	1.313029328	0.323410319	4.05994877	4.91E-05	0.005241614
ENSG00000233393	5.748044195	1.312982364	0.34615521	3.79304522	0.000148811	0.011915221
ENSG00000260765	5.485620503	1.303918146	0.369882846	3.525219296	0.000423132	0.023590413
ENSG00000224057	27.57708167	1.302538963	0.231722291	5.621120688	1.90E-08	8.20E-06
ENSG00000143520	14.30874103	1.293560168	0.348057702	3.716510687	0.000201993	0.014686492
ENSG00000261250	1.150771164	1.284897115	0.39755308	3.232013989	0.00122921	0.046484928
ENSG00000229229	5.693304374	1.282513332	0.388607165	3.300282259	0.000965876	0.040074272
ENSG00000260644	2.803620296	1.272784217	0.376304936	3.382321347	0.00071876	0.0333251
ENSG00000267116	0.751962274	1.268863823	0.376675925	3.368582221	0.000755559	0.034351924
ENSG00000155622	28.05841416	1.25170724	0.376140438	3.32776568	0.000875455	0.037782252
ENSG00000267909	65.98154145	1.236146578	0.333195717	3.709971385	0.000207283	0.014788804
ENSG00000269945	3.317259913	1.234016345	0.369270851	3.34176484	0.000832476	0.036710037
ENSG00000159450	439.4208774	1.223085178	0.292789439	4.177354143	2.95E-05	0.003622886
ENSG00000184502	74.03323256	1.219280624	0.347214448	3.511606823	0.000445406	0.024335505
ENSG00000217455	9.11121512	1.218165704	0.378465382	3.21869783	0.001287741	0.047737857

ENSG00000275179	5.546900924	1.217919523	0.341334695	3.568109373	0.000359566	0.021649158
ENSG00000143512	104.8560275	1.212173926	0.32411389	3.739962904	0.000184047	0.013688778
ENSG00000278212	10.36676154	1.21204831	0.205177323	5.907321001	3.48E-09	1.92E-06
ENSG00000130055	167.7064217	1.207328046	0.308307995	3.915980341	9.00E-05	0.008214837
ENSG00000110203	44.51509429	1.191363406	0.319665335	3.726908351	0.000193843	0.014287362
ENSG00000255262	8.750931742	1.182989309	0.241346537	4.901621225	9.50E-07	0.000243054
ENSG00000220267	13.35146904	1.182132399	0.247757312	4.771332026	1.83E-06	0.000402304
ENSG00000180066	87.42571984	1.168758687	0.209876154	5.568801719	2.56E-08	1.07E-05
ENSG00000262681	60.6141776	1.168695177	0.27552368	4.241723174	2.22E-05	0.002956682
ENSG00000258702	14.76223183	1.163989638	0.281413266	4.136228734	3.53E-05	0.004096153
ENSG00000258584	11.42917054	1.163042951	0.309919148	3.752730212	0.000174919	0.013203229
ENSG00000143627	5.133528736	1.158212989	0.299379162	3.86871611	0.00010941	0.00976893
ENSG00000238837	47.9298493	1.153145012	0.347846834	3.315094176	0.000916123	0.038780458
ENSG00000100884	6.301248125	1.147732198	0.302611044	3.792763744	0.00014898	0.011915221
ENSG00000187258	65.25631715	1.143781753	0.310859579	3.679416139	0.000233769	0.015825084
ENSG00000187527	320.481635	1.14110986	0.3327124	3.429718458	0.000604208	0.029727974
ENSG00000266604	2.66692313	1.140020575	0.323184253	3.527463251	0.000419562	0.023547113
ENSG00000091128	53.91214102	1.134449668	0.265141424	4.27865872	1.88E-05	0.00265706
ENSG00000136531	184.8028343	1.122009451	0.310977847	3.608004432	0.000308561	0.019526627
ENSG00000228705	7.143079458	1.111564592	0.304866304	3.646072317	0.000266279	0.017347366
ENSG00000278626	14.21793763	1.101189064	0.336204421	3.275355691	0.00105529	0.042153594
ENSG00000183729	240.9873071	1.089250864	0.331788111	3.28297135	0.001027191	0.041652763
ENSG00000232678	2.481824818	1.084811005	0.299194811	3.625768105	0.000288104	0.018472027
ENSG00000147588	6.478482885	1.083771898	0.307729013	3.521838539	0.000428565	0.023671346
ENSG00000080007	101.7931689	1.080900718	0.267181311	4.04557008	5.22E-05	0.005495926
ENSG00000226738	93.99733402	1.080620482	0.316493727	3.414350392	0.000639343	0.030850965
ENSG00000231625	19.98838949	1.079872848	0.284106067	3.80094962	0.000144143	0.011727967
ENSG00000258759	5.49390208	1.072874039	0.277861807	3.861178509	0.000112841	0.010006067
ENSG00000139292	518.8662533	1.071685688	0.299472025	3.578583638	0.000345461	0.021080992
ENSG00000187144	4.844245577	1.069413691	0.330174751	3.238932377	0.00119978	0.045757528

ENSG00000244676	9.515654016	1.064927031	0.259566476	4.102714056	4.08E-05	0.004628027
ENSG00000142661	77.74824232	1.042346999	0.234005189	4.45437558	8.41E-06	0.001399441
ENSG00000186442	46.67390246	1.037111416	0.293616234	3.532200526	0.000412117	0.023330523
ENSG00000140067	47.02199757	1.034579862	0.293029144	3.530638109	0.000414559	0.023433466
ENSG00000258808	4.331486738	1.029692549	0.313299662	3.286606004	0.001014026	0.04127188
ENSG00000137261	444.6563048	1.028796252	0.278144301	3.698786019	0.000216633	0.015108051
ENSG00000248514	7.233023694	1.028482082	0.260828077	3.943141758	8.04E-05	0.007595549
ENSG00000197181	54.19490429	1.024833978	0.231645262	4.424152563	9.68E-06	0.00156876
ENSG00000169271	113.4309706	1.014579902	0.294901139	3.440406861	0.00058084	0.028995734
ENSG00000136244	843.4190253	1.014210852	0.237805557	4.264874491	2.00E-05	0.002774372
ENSG00000251320	7.356020614	1.008442055	0.299373461	3.368508522	0.000755761	0.034351924
ENSG00000171956	7.797716107	-1.002376466	0.283225433	-3.539147091	0.000401422	0.022932306
ENSG00000213973	3.243720848	-1.002987285	0.311885869	-3.215879217	0.001300456	0.048114295
ENSG00000196616	650.2749211	-1.006259754	0.288709723	-3.485368431	0.00049146	0.025946595
ENSG00000109956	55.75183191	-1.009746536	0.214282944	-4.712211412	2.45E-06	0.000520405
ENSG00000242267	4.179593407	-1.010244429	0.235506781	-4.289661749	1.79E-05	0.002549583
ENSG00000188176	54.8232948	-1.010828997	0.222011198	-4.553054113	5.29E-06	0.000974257
ENSG00000254988	6.745348635	-1.012671165	0.302135552	-3.351711367	0.000803137	0.035870101
ENSG00000253522	69.47985266	-1.016027615	0.201635294	-5.038937345	4.68E-07	0.000133309
ENSG00000135298	48.22104063	-1.017305217	0.257055212	-3.957535854	7.57E-05	0.00725009
ENSG00000118513	841.8330269	-1.018869986	0.233640808	-4.360839163	1.30E-05	0.001963844
ENSG00000235903	6.676975888	-1.019130032	0.24442674	-4.169470294	3.05E-05	0.003714092
ENSG00000255189	2.221274399	-1.02563664	0.274238664	-3.739941793	0.000184063	0.013688778
ENSG00000187783	4.853600282	-1.025728626	0.271093498	-3.783671065	0.000154532	0.012306904
ENSG00000005513	42.26816791	-1.027637068	0.221962008	-4.629788118	3.66E-06	0.000712925
ENSG00000230628	9.464512207	-1.031776107	0.270684262	-3.811732898	0.000137996	0.011476256
ENSG00000178343	53.39777658	-1.032251338	0.268837739	-3.839681664	0.000123194	0.010548657
ENSG00000132874	13.56574393	-1.032719192	0.236758326	-4.361912876	1.29E-05	0.00196214
ENSG00000280870	4.444860476	-1.033829799	0.314803098	-3.284052174	0.00102326	0.041538159
ENSG00000174990	3.671731582	-1.0364741	0.237571121	-4.362795	1.28E-05	0.00196214

ENSG00000175161	22.11188325	-1.037783317	0.279732881	-3.709908224	0.000207334	0.014788804
ENSG00000136872	14.89158635	-1.040936759	0.213508211	-4.875394512	1.09E-06	0.000265061
ENSG00000168959	10.26173507	-1.04342398	0.274251818	-3.804620098	0.000142022	0.011620155
ENSG00000255622	28.42046035	-1.043700419	0.296426826	-3.520937806	0.000430023	0.023671346
ENSG00000168348	2.601429557	-1.044601283	0.285687839	-3.656442939	0.000255739	0.016777034
ENSG00000272516	1.839118635	-1.044945445	0.285730017	-3.657107704	0.000255077	0.016766331
ENSG00000262294	6.418254855	-1.045178624	0.289838684	-3.606070138	0.000310869	0.019639615
ENSG00000184344	2.025062489	-1.046284896	0.313559931	-3.336794003	0.000847507	0.037130306
ENSG00000170509	57.65539787	-1.047160382	0.267645569	-3.912489145	9.13E-05	0.008314366
ENSG00000205846	19.72675266	-1.04756128	0.246451101	-4.250584703	2.13E-05	0.002862387
ENSG00000100678	21.61600049	-1.04864844	0.233227167	-4.496253384	6.92E-06	0.001198052
ENSG00000101405	4.581611107	-1.051723289	0.276996306	-3.796885618	0.000146525	0.011768992
ENSG00000107954	330.2040645	-1.054618918	0.262167454	-4.022691997	5.75E-05	0.005933792
ENSG00000214041	1.429862435	-1.055167304	0.303568138	-3.475882917	0.000509175	0.026485166
ENSG00000177301	18.68026459	-1.055556152	0.267205796	-3.950349007	7.80E-05	0.007407633
ENSG00000163220	78703.71721	-1.060355264	0.304381875	-3.483634709	0.000494654	0.026042085
ENSG00000186907	247.9043915	-1.06447473	0.242076088	-4.397273352	1.10E-05	0.001724095
ENSG00000111404	15.15735064	-1.069268102	0.287387534	-3.720648861	0.000198712	0.014532233
ENSG00000116981	1.553173965	-1.070749318	0.298562588	-3.586347929	0.000335341	0.02077845
ENSG00000157399	171.9750537	-1.071079225	0.218858408	-4.893936844	9.88E-07	0.000250904
ENSG00000260943	37.63319331	-1.071091657	0.31734205	-3.375196125	0.000737631	0.033678726
ENSG00000102678	37.72121356	-1.072665496	0.267965674	-4.002995902	6.25E-05	0.006252875
ENSG00000144868	436.213216	-1.074023123	0.221688692	-4.844735719	1.27E-06	0.000297855
ENSG00000188761	80.10141655	-1.075849055	0.222318473	-4.839224738	1.30E-06	0.000304331
ENSG00000171794	0.698616233	-1.082543924	0.328609409	-3.294318103	0.000986608	0.040587794
ENSG00000170807	1.604906234	-1.086580278	0.301593026	-3.602803068	0.000314804	0.019788434
ENSG00000116690	128.4301814	-1.086789896	0.244133521	-4.451620941	8.52E-06	0.001411273
ENSG00000152467	13.15102534	-1.09099941	0.278105272	-3.922972775	8.75E-05	0.008056772
ENSG00000253973	3.489551481	-1.092659523	0.259219774	-4.215185856	2.50E-05	0.003201854
ENSG00000267206	4.068949547	-1.095024828	0.316410122	-3.460776861	0.000538619	0.027360393

ENSG00000166558	3.914998369	-1.097678244	0.297673639	-3.687522504	0.000226448	0.015559528
ENSG00000103460	221.7745705	-1.098361603	0.323958837	-3.390435686	0.000697816	0.032706874
ENSG00000104879	22.50069922	-1.099865738	0.234294673	-4.694369368	2.67E-06	0.000558484
ENSG00000173702	165.7976389	-1.101657486	0.334529099	-3.293158918	0.000990685	0.040683337
ENSG00000175175	56.98634394	-1.103174699	0.22167396	-4.976564221	6.47E-07	0.000176299
ENSG00000204065	11.42999285	-1.105306681	0.318157556	-3.47408591	0.000512597	0.026556289
ENSG00000188175	40.89024297	-1.108342534	0.345860611	-3.204593116	0.001352535	0.049313097
ENSG00000251532	25.21261056	-1.110088766	0.279683286	-3.96909226	7.21E-05	0.007007762
ENSG00000240975	4.242976681	-1.110534922	0.236371601	-4.698258672	2.62E-06	0.000551017
ENSG00000255085	17.47183831	-1.111794489	0.270106095	-4.116139944	3.85E-05	0.004428843
ENSG00000186009	2.241822306	-1.112539207	0.31589309	-3.521885232	0.00042849	0.023671346
ENSG00000174567	182.0719713	-1.120400602	0.278005434	-4.03013921	5.57E-05	0.005788427
ENSG00000254126	12.86462799	-1.120592395	0.34215048	-3.275144888	0.001056078	0.042153594
ENSG00000215218	189.8531076	-1.122839508	0.258294852	-4.347123062	1.38E-05	0.002049395
ENSG00000036565	5.235936718	-1.128129887	0.273466421	-4.125295827	3.70E-05	0.004282467
ENSG00000263612	3.479838216	-1.129365032	0.298804003	-3.779618145	0.000157069	0.01240803
ENSG00000241570	2.775006048	-1.132975415	0.3247569	-3.488687745	0.000485398	0.025662593
ENSG00000203685	43.92390254	-1.13404421	0.221633274	-5.116759733	3.11E-07	9.27E-05
ENSG00000169704	2.024983747	-1.135553757	0.343057712	-3.310095405	0.000932642	0.039170954
ENSG00000120251	10.37100666	-1.137813523	0.324144804	-3.510201326	0.000447768	0.02435927
ENSG00000255240	10.71458808	-1.13936137	0.237347741	-4.800388516	1.58E-06	0.000358595
ENSG00000137285	605.2081805	-1.145965646	0.287046877	-3.992259585	6.54E-05	0.006457061
ENSG00000261231	2.357130116	-1.147500119	0.331763204	-3.458792607	0.000542603	0.027488449
ENSG00000101210	1259.688982	-1.149579738	0.338751624	-3.393577051	0.000689861	0.032659782
ENSG00000186051	3.906697098	-1.151387469	0.252320747	-4.563189845	5.04E-06	0.000937558
ENSG00000170893	3.326278316	-1.1644079	0.260813548	-4.4645223	8.02E-06	0.00134067
ENSG00000258913	3.814288097	-1.164831246	0.279702138	-4.164541806	3.12E-05	0.00375874
ENSG00000188674	0.970839731	-1.16498336	0.361401648	-3.22351424	0.00126628	0.047362653
ENSG00000250156	1.00781118	-1.165721221	0.352533677	-3.30669464	0.000944037	0.039517111
ENSG00000223486	2.530766105	-1.168596833	0.297018052	-3.934430327	8.34E-05	0.007797985

ENSG00000103310	2.448087822	-1.172966151	0.364101012	-3.221540485	0.001275034	0.047485272
ENSG00000187980	2.93415593	-1.181756737	0.306149579	-3.860063247	0.000113358	0.010026153
ENSG00000232258	6.491886523	-1.182916947	0.354872893	-3.333353913	0.000858057	0.037374704
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ENSG00000197769	36.49707521	-1.185594555	0.284897922	-4.161471402	3.16E-05	0.00378538
ENSG00000161133	8.151324974	-1.187111555	0.289364712	-4.1024752	4.09E-05	0.004628027
ENSG00000136352	1283.925464	-1.188419171	0.308196287	-3.85604636	0.000115236	0.010120813
ENSG00000250343	5.356326073	-1.192114533	0.33588235	-3.549202672	0.0003864	0.022519007
ENSG0000010282	5.778606141	-1.192561317	0.351488534	-3.392888249	0.000691598	0.032659782
ENSG00000151834	15.74077008	-1.193035312	0.358084571	-3.331713814	0.00086313	0.037525848
ENSG00000263639	287.2429448	-1.193141512	0.31028668	-3.845287563	0.000120411	0.010357563
ENSG00000225472	7.25704793	-1.193542109	0.287693396	-4.148660092	3.34E-05	0.003916233
ENSG00000130226	19.78385262	-1.193963858	0.276593564	-4.316672592	1.58E-05	0.002289249
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ENSG00000251533	24.54358883	-1.198091498	0.303532899	-3.947155316	7.91E-05	0.007488198
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ENSG00000167654	3.188587797	-1.206998716	0.310445201	-3.887960619	0.00010109	0.009134553
ENSG00000230390	1.890390491	-1.207135019	0.35646676	-3.386388729	0.00070819	0.032987433
ENSG00000179799	15.09316179	-1.211107107	0.325295564	-3.723097524	0.000196793	0.014448176
ENSG00000169836	5.637700103	-1.211645199	0.341571575	-3.547265895	0.000389252	0.022551785
ENSG00000206549	149.1138724	-1.212677245	0.323027177	-3.754102844	0.000173963	0.013168749
ENSG00000237372	17.14789639	-1.21593404	0.234704009	-5.180712691	2.21E-07	6.92E-05
ENSG00000077935	88.32633681	-1.216314646	0.24682861	-4.92777011	8.32E-07	0.00021562
ENSG00000132840	58.98507586	-1.217102709	0.198420966	-6.13394205	8.57E-10	5.20E-07
ENSG00000205362	42.80650274	-1.217796335	0.293216725	-4.153229442	3.28E-05	0.003850961
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ENSG00000263765	1.891908557	-1.219499671	0.353374424	-3.451012826	0.000558487	0.028142689
ENSG00000198963	114.1491648	-1.220953188	0.276704767	-4.412476162	1.02E-05	0.001627759
ENSG00000237643	11.51339311	-1.221318671	0.288913339	-4.227283776	2.37E-05	0.00304491

ENSG00000198597	14.70918424	-1.221532527	0.371144781	-3.291256107	0.000997411	0.040841684
ENSG00000165443	28.59115212	-1.222924155	0.2783844	-4.392933486	1.12E-05	0.001751559
ENSG00000170558	435.9714538	-1.224171102	0.268012644	-4.567587133	4.93E-06	0.000929258
ENSG00000224714	3.077271774	-1.22729471	0.375135774	-3.271601368	0.001069402	0.042509524
ENSG00000102239	1.595445615	-1.227883854	0.346832239	-3.540281769	0.0003997	0.022903544
ENSG00000143194	23.87685069	-1.230617629	0.326474862	-3.769410066	0.000163634	0.012682467
ENSG00000109072	35.24273551	-1.23352959	0.211209421	-5.840315199	5.21E-09	2.61E-06
ENSG00000187715	56.79298757	-1.235429858	0.320264195	-3.85753349	0.000114537	0.010106679
ENSG00000100557	1.667608117	-1.235498667	0.365022021	-3.384723646	0.000712499	0.033106126
ENSG00000250120	69.56116305	-1.236932167	0.236792194	-5.223703312	1.75E-07	5.68E-05
ENSG00000254399	1.201487009	-1.237174278	0.381547654	-3.242515748	0.001184794	0.045757528
ENSG00000112232	33.05425603	-1.240575462	0.291802399	-4.25142311	2.12E-05	0.002861912
ENSG00000173826	10.84227226	-1.240919541	0.267226291	-4.643703039	3.42E-06	0.000680636
ENSG00000153002	11.97122755	-1.246279669	0.301155446	-4.138326856	3.50E-05	0.004071448
ENSG00000055118	481.3008155	-1.247991015	0.248927704	-5.013467741	5.35E-07	0.000150965
ENSG00000163286	11.95517521	-1.256484873	0.356905084	-3.520501471	0.000430732	0.023671346
ENSG00000149294	210.5695647	-1.258054818	0.239135814	-5.260838165	1.43E-07	4.79E-05
ENSG00000060566	3.149431083	-1.258081734	0.255630462	-4.921485969	8.59E-07	0.000221136
ENSG00000164161	389.3129098	-1.258234651	0.283796115	-4.433586591	9.27E-06	0.001521299
ENSG00000269210	28.0567226	-1.259845136	0.285396856	-4.414362345	1.01E-05	0.00162524
ENSG00000111249	11.17583385	-1.260472862	0.240573131	-5.239458199	1.61E-07	5.26E-05
ENSG00000158164	95.42229765	-1.265021502	0.262670535	-4.81600078	1.46E-06	0.000333672
ENSG00000226286	2.730142605	-1.265253552	0.366633781	-3.45100102	0.000558511	0.028142689
ENSG00000176136	3.248357864	-1.269302159	0.339368759	-3.740185642	0.000183884	0.013688778
ENSG00000261399	2.210233551	-1.271598692	0.315305584	-4.03290889	5.51E-05	0.005736447
ENSG00000259757	1.686667609	-1.273780479	0.385045015	-3.30813393	0.000939199	0.039358399
ENSG00000186487	3.749650766	-1.273945672	0.39753596	-3.204604865	0.00135248	0.049313097
ENSG00000117707	364.9597611	-1.274187912	0.232088115	-5.490104102	4.02E-08	1.56E-05
ENSG00000197084	28.69287293	-1.279602455	0.394923225	-3.240129657	0.001194754	0.045757528
ENSG00000257008	5.447104126	-1.279756342	0.336131758	-3.807305656	0.000140489	0.011588909

ENSG00000163630	2.678221348	-1.280630058	0.365075979	-3.507845301	0.000451752	0.024539516
ENSG00000275805	2.301689664	-1.28434895	0.360408319	-3.563594079	0.000365812	0.021931187
ENSG00000106236	320.6842019	-1.287532364	0.248307483	-5.185233842	2.16E-07	6.81E-05
ENSG00000130643	7.139301309	-1.287771821	0.271892789	-4.736322085	2.18E-06	0.000470159
ENSG00000182674	36.52135693	-1.28930622	0.328262991	-3.927662439	8.58E-05	0.007922114
ENSG00000250258	4.318369234	-1.29073693	0.303366704	-4.254708613	2.09E-05	0.002850139
ENSG00000008196	67.52753536	-1.293268567	0.361870348	-3.573845091	0.000351777	0.02136236
ENSG00000100095	26.16634589	-1.294465597	0.327580962	-3.951589826	7.76E-05	0.007387979
ENSG00000129988	44.94858093	-1.295447101	0.309670198	-4.183312149	2.87E-05	0.003552409
ENSG00000175229	4.008717634	-1.297440097	0.369620974	-3.510190675	0.000447785	0.02435927
ENSG00000100181	445.6114242	-1.299896117	0.294203464	-4.418357613	9.95E-06	0.001604492
ENSG00000268505	4.142661114	-1.299965679	0.34990972	-3.715145945	0.000203086	0.014686492
ENSG00000075043	12.44039492	-1.30587079	0.315268995	-4.14208441	3.44E-05	0.004017736
ENSG00000125726	98.35091557	-1.306697835	0.238972097	-5.467993347	4.55E-08	1.71E-05
ENSG00000105278	31.24668136	-1.307059154	0.308752838	-4.233351054	2.30E-05	0.002994644
ENSG00000114248	19.51055377	-1.30754402	0.339216761	-3.85459732	0.00011592	0.010147722
ENSG00000171587	14.8406421	-1.310876942	0.315299332	-4.157563328	3.22E-05	0.003802265
ENSG00000281708	1.221538778	-1.313220215	0.323888559	-4.054543387	5.02E-05	0.005318967
ENSG00000163631	28.16215589	-1.313951195	0.283559538	-4.63377534	3.59E-06	0.000706646
ENSG00000189056	176.2563106	-1.317042881	0.228528683	-5.763140375	8.26E-09	3.93E-06
ENSG00000113296	254.4610244	-1.318966094	0.217734188	-6.057689445	1.38E-09	8.11E-07
ENSG00000180347	17.41654312	-1.319749763	0.35050463	-3.765284824	0.000166359	0.012867176
ENSG00000186474	243.6681428	-1.320313032	0.37605934	-3.510916742	0.000446564	0.02435927
ENSG00000176571	3.567955702	-1.322495651	0.410855062	-3.218886105	0.001286896	0.047737857
ENSG00000204963	16.28658031	-1.325214163	0.225535871	-5.875846516	4.21E-09	2.17E-06
ENSG00000168509	1.600180427	-1.325898161	0.331040016	-4.005250411	6.20E-05	0.00621005
ENSG00000274736	36.77562764	-1.329680027	0.241536545	-5.505088368	3.69E-08	1.46E-05
ENSG00000233354	1.225468181	-1.330281951	0.371525891	-3.580590166	0.000342819	0.020953767
ENSG00000147488	34.24765021	-1.331260399	0.226354506	-5.881307263	4.07E-09	2.13E-06
ENSG00000186766	21.82770694	-1.332045668	0.35068225	-3.798440525	0.000145609	0.011760002

ENSG00000237531	1.096889603	-1.333616808	0.355867327	-3.747511245	0.000178598	0.013373491
ENSG00000198883	17.02608234	-1.333772619	0.31678881	-4.210289565	2.55E-05	0.003260914
ENSG00000238243	8.553065316	-1.33503201	0.402151932	-3.319720497	0.000901076	0.038403007
ENSG00000257474	7.539542074	-1.337275264	0.292803478	-4.567142696	4.94E-06	0.000929258
ENSG00000204961	4.526991586	-1.341548029	0.290989866	-4.610291238	4.02E-06	0.00077118
ENSG00000072080	2.076443129	-1.344589145	0.374245228	-3.592802379	0.000327141	0.020393397
ENSG00000150625	42.05463783	-1.344860623	0.249369494	-5.393043885	6.93E-08	2.46E-05
ENSG00000144191	6.739159123	-1.346528333	0.296018928	-4.548791326	5.40E-06	0.000989349
ENSG00000137766	8.279466738	-1.349327652	0.281810051	-4.78807498	1.68E-06	0.000379026
ENSG00000254786	1.280087032	-1.349922281	0.31735085	-4.253721956	2.10E-05	0.002850139
ENSG00000188582	10.58457346	-1.350674352	0.355223075	-3.802327178	0.000143343	0.011688228
ENSG00000243300	1.221783098	-1.351058777	0.318799426	-4.237958626	2.26E-05	0.002969341
ENSG00000188133	4.14831527	-1.351661588	0.322431121	-4.192094065	2.76E-05	0.003460746
ENSG00000188517	22.43053612	-1.360121637	0.272062346	-4.999301286	5.75E-07	0.000160213
ENSG00000177047	0.663920952	-1.366323711	0.419546404	-3.256668865	0.001127279	0.044140001
ENSG00000077274	187.7470839	-1.369024651	0.297480409	-4.602066591	4.18E-06	0.000795531
ENSG00000122194	5.747347994	-1.371793253	0.334746075	-4.09801146	4.17E-05	0.004689911
ENSG00000112115	4.230930291	-1.373394763	0.419092042	-3.277071919	0.001048896	0.042034135
ENSG00000063015	10.02256868	-1.374259189	0.260032551	-5.284950604	1.26E-07	4.26E-05
ENSG00000251350	16.97277044	-1.378742877	0.351502662	-3.922425133	8.77E-05	0.008056772
ENSG00000183185	1.278035267	-1.381114623	0.348871709	-3.958803729	7.53E-05	0.007241709
ENSG00000273877	5.231184206	-1.386900704	0.38374527	-3.614118047	0.000301372	0.019200955
ENSG00000258343	6.181895983	-1.393219197	0.340370027	-4.093248774	4.25E-05	0.004730678
ENSG00000161649	10.24215793	-1.4019421	0.277796495	-5.046651498	4.50E-07	0.000131017
ENSG00000225655	1.185173123	-1.407063896	0.388107167	-3.625451975	0.000288457	0.018472027
ENSG00000135447	24.9396616	-1.408403507	0.229009474	-6.149979222	7.75E-10	4.78E-07
ENSG00000185737	16.14288807	-1.409332949	0.279485617	-5.042595621	4.59E-07	0.000131783
ENSG00000066032	4.554304523	-1.41094122	0.325234734	-4.338224277	1.44E-05	0.00210913
ENSG00000178403	6.196074972	-1.412503547	0.394348142	-3.581869409	0.000341144	0.020919437
ENSG00000264985	1.229328974	-1.413223804	0.380851314	-3.710696939	0.000206689	0.014788804

ENSG00000197616	6.184243237	-1.422728484	0.329647765	-4.315905135	1.59E-05	0.002289249
ENSG00000157851	48.65530007	-1.428676185	0.420168597	-3.40024503	0.000673255	0.032035003
ENSG00000265460	1.235123819	-1.437875113	0.434448507	-3.309656013	0.000934107	0.039188704
ENSG00000212901	10.53552223	-1.439080844	0.368613331	-3.904039061	9.46E-05	0.008589451
ENSG00000224090	3.714682568	-1.441368918	0.322782391	-4.465450902	7.99E-06	0.00134067
ENSG00000167011	4.023051255	-1.441440477	0.306229728	-4.707055991	2.51E-06	0.000530737
ENSG00000163914	1.868177144	-1.452099125	0.334219605	-4.344745503	1.39E-05	0.002063561
ENSG00000108018	19.60174892	-1.45434319	0.319039201	-4.558509383	5.15E-06	0.000953971
ENSG00000237667	4.169785981	-1.459575601	0.343175211	-4.253149865	2.11E-05	0.002850139
ENSG00000168309	449.3186475	-1.470505907	0.234792876	-6.262992024	3.78E-10	2.49E-07
ENSG00000131910	18.51282453	-1.474330207	0.310293989	-4.751397891	2.02E-06	0.000438945
ENSG00000164107	21.66519954	-1.477867702	0.389158381	-3.797599574	0.000146104	0.011760284
ENSG00000244067	72.36192809	-1.477869922	0.355370446	-4.15867425	3.20E-05	0.00379576
ENSG00000229028	1.141796628	-1.479193979	0.454285303	-3.256090323	0.001129578	0.044144701
ENSG00000250241	2.048485352	-1.486736662	0.409855101	-3.627468968	0.000286213	0.01839103
ENSG00000229268	2.083352148	-1.488066897	0.38694171	-3.845713347	0.000120202	0.010357563
ENSG00000257743	19.38515187	-1.497873101	0.323463395	-4.6307345	3.64E-06	0.000712925
ENSG00000236094	1.329169303	-1.497957366	0.330106716	-4.537797303	5.68E-06	0.001026836
ENSG00000237125	5.20206303	-1.499308466	0.376647664	-3.980665776	6.87E-05	0.006709817
ENSG00000185087	2.111509262	-1.499794147	0.404385172	-3.708825769	0.000208223	0.01479601
ENSG00000177398	92.5945724	-1.50066776	0.285814016	-5.25050444	1.52E-07	5.00E-05
ENSG00000139445	10.1872035	-1.509294506	0.337930249	-4.466290036	7.96E-06	0.00134067
ENSG00000105825	929.7552312	-1.516902591	0.295524451	-5.132917381	2.85E-07	8.65E-05
ENSG00000198488	35.84923928	-1.51907112	0.344865046	-4.40482773	1.06E-05	0.001679146
ENSG00000177354	1.819064679	-1.520426645	0.43576165	-3.489124486	0.000484605	0.025656785
ENSG00000142224	22.02688948	-1.52664144	0.337540918	-4.522833697	6.10E-06	0.001071792
ENSG00000151952	24.20927615	-1.532378618	0.364372825	-4.205523886	2.60E-05	0.003296758
ENSG00000101438	1.363454945	-1.53507608	0.445313896	-3.447177584	0.000566476	0.028467696
ENSG00000081138	10.0826665	-1.53737194	0.413786869	-3.715371504	0.000202905	0.014686492
ENSG00000156096	7.344327124	-1.539571217	0.355020411	-4.336570995	1.45E-05	0.002116781

ENSG00000223929	0.957637113	-1.546225802	0.38462633	-4.020072683	5.82E-05	0.005942917
ENSG00000267626	0.701725644	-1.549936682	0.453504332	-3.417688815	0.000631553	0.03067192
ENSG00000272395	3.470034154	-1.555152544	0.389096052	-3.996834552	6.42E-05	0.00637626
ENSG00000278937	2.175786878	-1.559549912	0.384552189	-4.055496125	5.00E-05	0.005318967
ENSG00000183230	11.76448075	-1.562136897	0.30118157	-5.186694848	2.14E-07	6.81E-05
ENSG00000254275	2.505109041	-1.568022388	0.291508957	-5.378985274	7.49E-08	2.61E-05
ENSG00000267015	1.341449735	-1.568843395	0.349344628	-4.490818721	7.09E-06	0.001223398
ENSG00000146910	3.306227374	-1.576031546	0.429879664	-3.666215638	0.000246166	0.016464525
ENSG00000171560	283.7954074	-1.590349168	0.34850696	-4.563321107	5.04E-06	0.000937558
ENSG00000134240	38.30391328	-1.591430534	0.424230886	-3.751331143	0.000175898	0.013224027
ENSG00000279039	6.939231358	-1.593175985	0.293702828	-5.424448909	5.81E-08	2.10E-05
ENSG00000171446	10.85118538	-1.593768295	0.328204741	-4.856018503	1.20E-06	0.00029046
ENSG00000137204	2.804149363	-1.595820854	0.374907277	-4.256574768	2.08E-05	0.002837466
ENSG00000163394	1.666137616	-1.599184087	0.475647498	-3.362120255	0.000773464	0.034861539
ENSG00000123560	21.43413294	-1.610708074	0.311350224	-5.173299873	2.30E-07	7.15E-05
ENSG00000136110	16.62815755	-1.61405631	0.447059607	-3.610382785	0.000305745	0.019381065
ENSG00000156687	12.82933425	-1.616358489	0.401643728	-4.024358842	5.71E-05	0.005916102
ENSG00000104112	32.07364848	-1.619969246	0.26171394	-6.189846995	6.02E-10	3.84E-07
ENSG00000166292	295.172415	-1.620579983	0.282559787	-5.735352505	9.73E-09	4.52E-06
ENSG00000277914	0.747866121	-1.62969898	0.482692039	-3.376270682	0.000734756	0.033628438
ENSG00000075891	9.03286099	-1.630738472	0.383096357	-4.256731866	2.07E-05	0.002837466
ENSG00000204603	1.302363235	-1.6321307	0.478774812	-3.408973608	0.000652078	0.031384901
ENSG00000111262	15.71257357	-1.633284137	0.351205555	-4.650507696	3.31E-06	0.000665602
ENSG00000182255	15.66165078	-1.633362598	0.376134373	-4.342497563	1.41E-05	0.00207662
ENSG00000132975	2.448978388	-1.635464035	0.432929605	-3.777667354	0.000158304	0.012423073
ENSG00000134551	14.69559327	-1.645278889	0.331770903	-4.959081324	7.08E-07	0.000190171
ENSG00000102290	6.033667878	-1.653301879	0.363838165	-4.544058429	5.52E-06	0.001006926
ENSG00000066813	1.729442255	-1.65452854	0.447144578	-3.700209328	0.000215422	0.015079519
ENSG00000167916	156.3366727	-1.673636904	0.44978347	-3.720983575	0.000198448	0.014532233
ENSG00000117148	31.55660532	-1.678135168	0.371987026	-4.511273379	6.44E-06	0.001123939

ENSG00000224825	1.267689705	-1.681530631	0.473728945	-3.549562777	0.000385871	0.022519007
ENSG00000143536	83.15614985	-1.684422833	0.492651166	-3.419098438	0.00062829	0.030552934
ENSG00000279221	1.320330231	-1.691526057	0.418412114	-4.042727253	5.28E-05	0.005547472
ENSG00000110975	8.443850653	-1.691952881	0.355702381	-4.756653235	1.97E-06	0.000430163
ENSG00000124205	13.05955429	-1.717463989	0.46247902	-3.713604111	0.000204328	0.01471399
ENSG00000196091	70.13082698	-1.719769073	0.39070196	-4.401741604	1.07E-05	0.001696058
ENSG00000197595	1.035972253	-1.735606391	0.386908296	-4.485834009	7.26E-06	0.00124097
ENSG00000221882	1.096215497	-1.74563525	0.469555017	-3.717637308	0.000201095	0.014649515
ENSG00000203857	0.859595144	-1.768839968	0.443415379	-3.989126337	6.63E-05	0.006525811
ENSG00000118271	2.882195075	-1.775855077	0.446425364	-3.977943953	6.95E-05	0.006769487
ENSG00000141668	78.50708627	-1.792886171	0.404883869	-4.428149179	9.50E-06	0.001546644
ENSG00000274238	0.718375907	-1.79330054	0.528760649	-3.391516641	0.000695069	0.03270045
ENSG00000169862	86.62681731	-1.794634425	0.349954354	-5.128195736	2.93E-07	8.80E-05
ENSG00000144119	11.23335821	-1.823436038	0.369035604	-4.941084319	7.77E-07	0.00020422
ENSG00000143032	1.440874799	-1.834586541	0.517290901	-3.546527761	0.000390344	0.022551785
ENSG00000107295	37.76799351	-1.836742455	0.33644679	-5.459236085	4.78E-08	1.75E-05
ENSG00000228835	1.614384248	-1.846399428	0.438935697	-4.206537408	2.59E-05	0.003295349
ENSG00000135220	2.105405404	-1.84872786	0.477671637	-3.870290208	0.000108706	0.009729175
ENSG00000187033	0.961240901	-1.861009568	0.457309427	-4.069475629	4.71E-05	0.005089672
ENSG00000228689	0.767719251	-1.87353816	0.502234547	-3.730404786	0.000191172	0.014118212
ENSG00000182333	1.465302688	-1.887056873	0.535963474	-3.520868427	0.000430136	0.023671346
ENSG00000095981	1.283224075	-1.888221791	0.492487464	-3.834050465	0.00012605	0.010744284
ENSG00000179915	113.1715981	-1.88921009	0.317566421	-5.949023463	2.70E-09	1.54E-06
ENSG00000197705	39.56958192	-1.902981392	0.276909615	-6.872211328	6.32E-12	4.95E-09
ENSG00000258131	0.626298139	-1.903077018	0.59381101	-3.204853034	0.001351315	0.049313097
ENSG00000133105	1.726604303	-1.919213789	0.577024078	-3.326054947	0.000880846	0.03792782
ENSG00000105398	0.961597697	-1.926952084	0.569727385	-3.38223532	0.000718985	0.0333251
ENSG00000184571	2.397132672	-1.929576654	0.472410861	-4.084530674	4.42E-05	0.004897344
ENSG00000143278	1.028419382	-1.948850537	0.494643114	-3.939912399	8.15E-05	0.007679229
ENSG00000104760	28.08470879	-1.962481528	0.328665409	-5.971061987	2.36E-09	1.36E-06

ENSG00000135346	2.756771957	-1.96707134	0.36797355	-5.345686769	9.01E-08	3.11E-05
ENSG00000109851	2.686784572	-1.978263655	0.519911229	-3.805002745	0.000141803	0.011620155
ENSG00000196767	1.253485322	-1.98939454	0.568036192	-3.502232022	0.000461378	0.024990181
ENSG00000169347	6.118534081	-2.008516809	0.457563855	-4.389588004	1.14E-05	0.001771341
ENSG00000172482	4.946901194	-2.01290238	0.403184193	-4.992513132	5.96E-07	0.000163527
ENSG00000260838	15.51658902	-2.015282062	0.391954245	-5.141625807	2.72E-07	8.32E-05
ENSG00000142484	1.214704204	-2.025311755	0.629320237	-3.218253022	0.00128974	0.04776485
ENSG00000158874	5.716083723	-2.042461789	0.352581777	-5.792873938	6.92E-09	3.38E-06
ENSG00000257883	2.347652324	-2.076555862	0.487335259	-4.261041704	2.03E-05	0.002801712
ENSG00000184486	31.82937578	-2.089083302	0.34203309	-6.107839746	1.01E-09	6.03E-07
ENSG00000177511	1.800985967	-2.0911593	0.57831739	-3.615937089	0.000299263	0.019098978
ENSG00000123576	1.327363985	-2.098418917	0.643163209	-3.262653848	0.001103742	0.043655626
ENSG00000221826	2.074244941	-2.09870791	0.603877391	-3.475387457	0.000510116	0.026485166
ENSG00000181234	24.34895839	-2.134788307	0.390964183	-5.460316829	4.75E-08	1.75E-05
ENSG00000232044	7.019779113	-2.162286731	0.374254271	-5.777587316	7.58E-09	3.65E-06
ENSG00000077279	5.866471487	-2.171152386	0.391650284	-5.543599675	2.96E-08	1.20E-05
ENSG00000007171	1616.87366	-2.20589475	0.325207942	-6.783028533	1.18E-11	9.03E-09
ENSG00000108231	3.967785652	-2.212512822	0.488132839	-4.532603927	5.83E-06	0.001037929
ENSG00000170419	1.991758135	-2.24791436	0.516257399	-4.354251121	1.34E-05	0.002015708
ENSG00000184388	1.970372569	-2.264431523	0.680056283	-3.329770756	0.000869175	0.03755436
ENSG00000138308	19.01007292	-2.275375267	0.388153207	-5.862054535	4.57E-09	2.32E-06
ENSG00000166573	2.145957358	-2.312845738	0.588659573	-3.929003867	8.53E-05	0.007897462
ENSG00000178828	3.01341527	-2.321629132	0.631471122	-3.676540465	0.000236418	0.015926463
ENSG00000185559	99.20833775	-2.351426647	0.560998983	-4.191498949	2.77E-05	0.003460746
ENSG00000119973	1.283565241	-2.375260758	0.628462106	-3.779481267	0.000157155	0.01240803
ENSG00000260172	1.098577243	-2.393524249	0.673052405	-3.556222711	0.000376225	0.022287932
ENSG00000124253	19.50164982	-2.477188205	0.396260034	-6.251420771	4.07E-10	2.64E-07
ENSG00000150244	1.971849295	-2.504477985	0.76397171	-3.278233937	0.001044588	0.042034135
ENSG00000214039	2.330204598	-2.520199095	0.542564825	-4.644973247	3.40E-06	0.00068006
ENSG00000196350	0.973762796	-2.526621556	0.738303185	-3.422200536	0.000621165	0.030257455

ENSG00000127325	33.08425652	-2.567385958	0.396162079	-6.480645401	9.13E-11	6.36E-08
ENSG00000280229	1.749870705	-2.644146616	0.536031475	-4.932819697	8.11E-07	0.000211577
ENSG00000139352	70.27513042	-2.758355025	0.353445384	-7.804190258	5.99E-15	5.63E-12
ENSG00000164588	4.286345233	-2.780570876	0.372549042	-7.463637173	8.42E-14	7.36E-11
ENSG00000112246	5.821768681	-2.781040792	0.556523672	-4.997165315	5.82E-07	0.000160806
ENSG00000270641	10.95043381	-2.837876624	0.221580204	-12.80744655	1.49E-37	2.07E-34
ENSG00000169344	1.375886996	-2.873137122	0.881514707	-3.25931842	0.001116802	0.04386688
ENSG00000110245	2.335746416	-2.878976728	0.756766873	-3.804311249	0.000142199	0.011620155
ENSG00000173404	46.39098839	-2.957650581	0.345961083	-8.549084646	1.24E-17	1.23E-14
ENSG00000145321	2.831569661	-2.972021397	0.702759874	-4.229070991	2.35E-05	0.003041657
ENSG00000101746	32.33812147	-2.990255145	0.386134983	-7.744066916	9.63E-15	8.62E-12
ENSG00000182053	2.418129899	-3.082722004	0.658319085	-4.682717051	2.83E-06	0.000581509
ENSG00000250366	3.811554061	-3.163195592	0.662807048	-4.772422989	1.82E-06	0.000402304
ENSG00000168875	8.464270225	-3.239685982	0.549706775	-5.893480176	3.78E-09	2.03E-06
ENSG00000261146	1.213777729	-3.295546545	0.919332961	-3.58471488	0.000337447	0.020828603
ENSG00000171564	174.7502257	-3.634898072	0.527767626	-6.887307768	5.69E-12	4.55E-09
ENSG00000140465	98.76408915	-3.895237073	0.415107716	-9.383677841	6.37E-21	7.04E-18
ENSG00000261166	5.004618712	-4.714948269	1.100696835	-4.283603006	1.84E-05	0.002608475
ENSG00000229807	1848.113069	-5.479294439	0.368797233	-14.85720052	6.25E-50	9.79E-47

*, standard error of log₂ fold change; **, Wald statistics. DEG, differentially expressed genes.